# SANTA FE COUNTY PUBLIC WORKS

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS

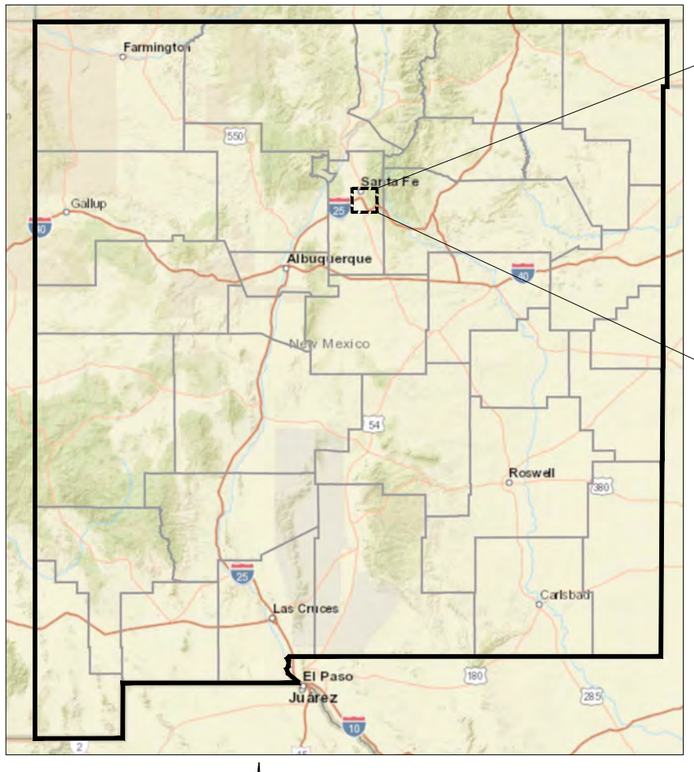
## AVENIDA DEL SUR (WEST EXTENSION)
## ROADWAY AND DRAINAGE IMPROVEMENTS

MAY 28, 2025

PLANS PREPARED BY:

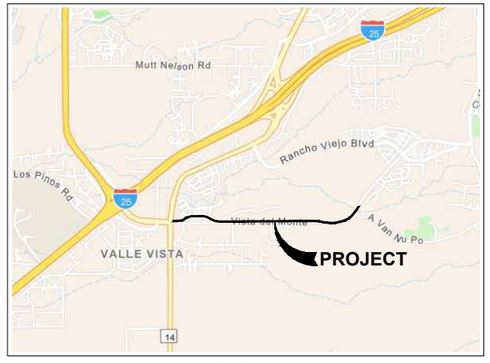
CDS muery
ENGINEERS | SURVEYORS
100 NE LOOP 410, STE. 300 | SAN ANTONIO, TEXAS 78216
(210) 581-1111 | TBPE NO. F-1733 | TBPLS NO. 100495-00

**PROJECT DESCRIPTION**
**BID PHASE.**
**ROADWAY CONSTRUCTION, EARTHWORK, DRAINAGE STRUCTURES. EROSION CONTROL, AND MISCELLANEOUS CONSTRUCTION. PROJECT CONSISTS OF BASE BID.**




LOCATION MAP
N.T.S.




DETAIL 1
N.T.S.

THESE PLANS ARE APPROVED FOR CONSTRUCTION.

SANTA FE COUNTY PUBLIC WORKS DIRECTOR — DATE

SANTA FE COUNTY PUBLIC WORKS DEPUTY DIRECTOR — DATE

SANTA FE GROWTH MANAGEMENT SUPERVISOR / CFM — DATE

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION ON BEHALF OF CDS MUERY ENGINEERS AND SURVEYORS

MARK ROETZEL — DATE
PROJECT MANAGER , P.E., R.P.L.S., C.F.M.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

COVER SHEET

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 1 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Cover Sheet.dwg PLOTTED: 05/28/2025 11:45 AM

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MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery
ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

INDEX OF SHEETS

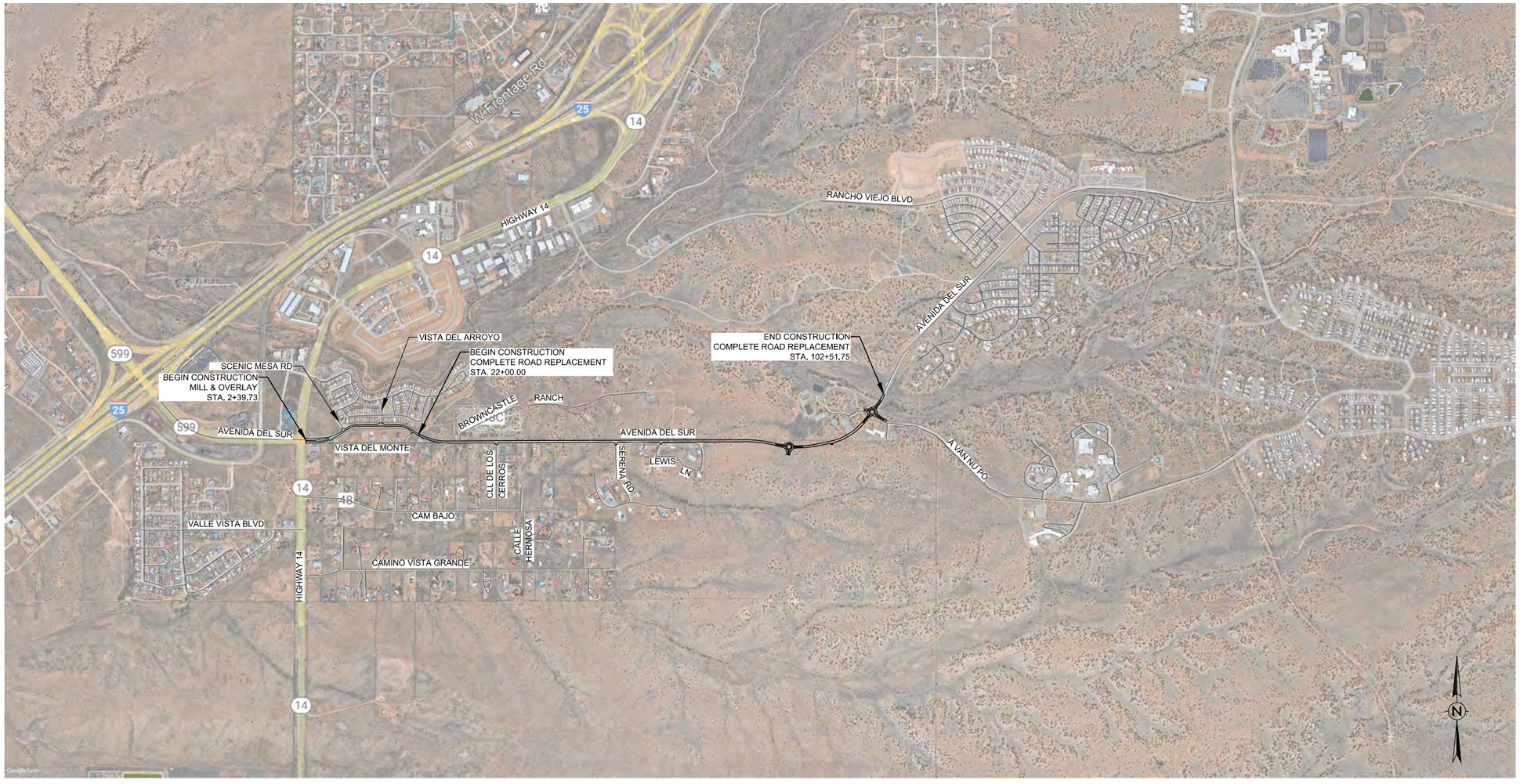
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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 2 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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# LENGTH OF PROJECT 1.90 MILES

AVENIDA DEL SUR = 1.90 MILES




## VICINITY MAP

N.T.S.
THIS PROJECT BEGINS AT STATION 2+39.79
ENDS AT STATION 102+51.75

## INTENT OF PROJECT

ROADWAY CONSTRUCTION, EARTHWORK, DRAINAGE STRUCTURES.
EROSION CONTROL, AND MISCELLANEOUS
CONSTRUCTION. PROJECT CONSISTS OF BASE BID.

## PROJECT CONTACTS:


| ENGINEERING SERVICES MANAGER: |
|---|
| JOHN ROTHE, P.E. CFM<br>JOHN.ROTHE@CDSMUERY.COM<br>210-581-1111 |

| PROJECT MANAGER: |
|---|
| MARK ROETZEL, P.E., CFM, RPLS<br>MARK.ROETZLE@CDSMUERY.COM<br>210-581-1111 |


MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

OVERALL PROJECT LAYOUT

| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
|---|---|---|---|
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 3 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005--Cover Sheet.dwg PLOTTED:05/28/2025 10:01 AM

| Alignment Name: CULVERT A | | | | |
|---|---|---|---|---|
| Station Range: Start: 0+00.00, End: 1+81.96 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | 1,669,912.02' | 1,702,215.33' | | |
| | | | 181.96' | N0° 00' 00"E |
| 1+81.96 | 1,670,093.98' | 1,702,215.33' | | |
| | | | | |
| Alignment Name: CULVERT B | | | | |
| Station Range: Start: 0+00.00, End: 1+82.37 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | | | | |
| | | | 182.37' | N0° 26' 42"W |
| 1+82.37 | 1,670,095.37' | 1,702,394.63' | | |
| | | | | |
| Alignment Name: CULVERT C | | | | |
| Station Range: Start: 0+00.00, End: 1+97.02 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | 1,669,924.01' | 1,703,191.51' | | |
| | | | 197.02' | N29° 33' 18"E |
| 1+97.02 | 1,670,095.40' | 1,703,288.69' | | |
| | | | | |
| Alignment Name: CULVERT D | | | | |
| Station Range: Start: 0+00.00, End: 1+82.75 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | 1,669,925.03' | 1,703,748.93' | | |
| | | | 182.75' | N14° 59' 12"W |
| 1+82.75 | 1,670,101.57' | 1,703,701.67' | | |
| | | | | |
| Alignment Name: CULVERT E | | | | |
| Station Range: Start: 0+00.00, End: 1+82.82 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | 1,669,926.12' | 1,704,096.23' | | |
| | | | 182.82' | N15° 10' 23"W |
| 1+82.82 | 1,670,102.57' | 1,704,048.37' | | |
| | | | | |
| Alignment Name: CULVERT F | | | | |
| Station Range: Start: 0+00.00, End: 1+82.82 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | 1,669,926.97' | 1,704,376.91' | | |
| | | | 182.82' | N14° 49' 37"E |
| 1+82.82 | 1,670,103.71' | 1,704,423.69' | | |
| | | | | |
| Alignment Name: CULVERT G | | | | |
| Station Range: Start: 0+00.00, End: 2+00.00 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | 1,669,894.52' | 1,705,365.04' | | |
| | | | 200.00' | N19° 49' 45"E |
| 2+00.00 | 1,670,082.67' | 1,705,432.88' | | |
| | | | | |
| Alignment Name: CULVERT H | | | | |
| Station Range: Start: 0+00.00, End: 1+92.38 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | 1,669,936.01' | 1,705,729.45' | | |
| | | | 192.38' | N29° 49' 45"E |
| 1+92.38 | 1,670,102.90' | 1,705,825.14' | | |
| | | | | |

| Alignment Name: CULVERT H2 | | | | |
|---|---|---|---|---|
| Station Range: Start: 0+00.00, End: 1+20.00 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | 1,669,960.91' | 1,706,259.12' | | |
| | | | 120.00' | N0° 10' 47"W |
| 1+20.00 | 1,670,080.91' | 1,706,258.74' | | |
| | | | | |
| Alignment Name: CULVERT K | | | | |
| Station Range: Start: 0+90.00, End: 2+00.00 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+90.00 | 1,670,076.91' | 1,701,464.17' | | |
| | | | 110.00' | S55° 29' 09"E |
| 2+00.00 | 1,670,014.58' | 1,701,554.80' | | |
| | | | | |
| Alignment Name: CULVERT M | | | | |
| Station Range: Start: 1+00.00, End: 2+60.00 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 1+00.00 | 1,669,980.13' | 1,701,731.60' | | |
| | | | 160.00' | S85° 50' 19"E |
| 2+60.00 | 1,669,968.52' | 1,701,891.18' | | |
| | | | | |
| Alignment Name: STORM DRAIN J1 | | | | |
| Station Range: Start: 0+00.00, End: 4+01.45 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | 1,669,649.29' | 1,707,461.79' | | |
| | | | 55.00' | N7° 15' 16"E |
| 0+55.00 | 1,669,703.85' | 1,707,468.74' | | |
| | | | 212.84' | N7° 14' 55"E |
| 2+67.84 | 1,669,914.99' | 1,707,495.59' | | |
| | | | 3.00' | N5° 07' 21"E |
| 2+70.84 | 1,669,917.98' | 1,707,495.86' | | |
| | | | 3.00' | N63° 35' 54"W |
| 2+73.84 | 1,669,919.31' | 1,707,493.17' | | |
| | | | 126.35' | N63° 35' 54"W |
| 4+00.20 | | | | |
| | | | 1.25' | N73° 23' 38"W |
| 4+01.45 | 1,669,975.85' | 1,707,378.80' | | |
| | | | | |
| Alignment Name: STORM DRAIN J1-2 | | | | |
| Station Range: Start: 0+00.00, End: 1+38.36 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | 1,669,917.98' | 1,707,495.86' | | |
| | | | 3.00' | N75° 36' 43"E |
| 0+03.00 | 1,669,918.72' | 1,707,498.77' | | |
| | | | 134.11' | N75° 36' 43"E |
| 1+37.11 | 1,669,952.05' | 1,707,628.67' | | |
| | | | 1.25' | S73° 23' 38"E |
| 1+38.36 | 1,669,951.69' | 1,707,629.87' | | |
| | | | | |

| Alignment Name: STORM DRAIN J2 | | | | |
|---|---|---|---|---|
| Station Range: Start: 0+00.00, End: 1+73.71 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | 1,669,654.76' | 1,707,528.50' | | |
| | | | 53.44' | N8° 18' 50"E |
| 0+53.44 | 1,669,707.63' | 1,707,536.23' | | |
| | | | 119.02' | N7° 12' 33"E |
| 1+72.46 | 1,669,825.71' | 1,707,551.17' | | |
| | | | 1.25' | N20° 20' 55"E |
| 1+73.71 | 1,669,826.88' | 1,707,551.60' | | |
| | | | | |
| Alignment Name: STORM DRAIN L1 | | | | |
| Station Range: Start: 0+00.00, End: 3+94.83 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | 1,670,713.66' | 1,708,976.71' | | |
| | | | 236.76' | S23° 33' 49"W |
| 2+36.76 | 1,670,496.64' | 1,708,882.06' | | |
| | | | 3.00' | S23° 33' 49"W |
| 2+39.76 | 1,670,493.89' | 1,708,880.87' | | |
| | | | 3.00' | S61° 18' 16"W |
| 2+42.76 | 1,670,492.45' | 1,708,878.23' | | |
| | | | 79.08' | S61° 18' 16"W |
| 3+21.84 | 1,670,454.48' | 1,708,808.86' | | |
| | | | 72.99' | S27° 40' 20"E |
| 3+94.83 | 1,670,389.84' | 1,708,842.76' | | |
| | | | | |
| Alignment Name: STORM DRAIN L2 | | | | |
| Station Range: Start: 0+00.00, End: 0+85.50 | | | | |
| **PI Station** | **Northing** | **Easting** | **Distance** | **Direction** |
| 0+00.00 | 1,670,493.89' | 1,708,880.87' | | |
| | | | 3.00' | S24° 14' 08"E |
| 0+03.00 | 1,670,491.16' | 1,708,882.10' | | |
| | | | 81.25' | S24° 14' 08"E |
| 0+84.25 | 1,670,417.07' | 1,708,915.45' | | |
| | | | 1.25' | S0° 00' 02"E |
| 0+85.50 | 1,670,415.82' | 1,708,915.45' | | |




| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

CDSmuery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# STORM DRAIN HORIZONTAL ALIGNMENT TABLE

| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
|---|---|---|---|
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 6 |

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| Vertical Alignment: CULVERT A FL | | | |
|---|---|---|---|
| Station Range: Start: 0+50.00, End: 1+31.96 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 0+50.00 | 0.51% | |
| 1 | 0+55.13 | 0.49% | |
| 2 | 1+15.79 | 0.50% | |
| 3 | 1+19.79 | 28.54% | |
| | | | |
| Vertical Alignment: CULVERT B FL | | | |
| Station Range: Start: 0+50.00, End: 1+32.37 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 0+50.00 | 4.54% | |
| 1 | 0+55.17 | 0.50% | |
| 2 | 1+17.09 | 0.50% | |
| 3 | 1+21.66 | 49.13% | |
| 4 | 1+32.37 | | |
| | | | |
| Vertical Alignment: CULVERT C FL | | | |
| Station Range: Start: 0+50.00, End: 1+47.02 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 0+50.00 | 4.08% | |
| 1 | 0+56.28 | 0.50% | |
| 2 | 1+28.28 | 0.00% | |
| 3 | 1+33.28 | 23.74% | |
| | | | |
| Vertical Alignment: CULVERT D FL | | | |
| Station Range: Start: 0+50.17, End: 1+32.75 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 1+16.00 | 0.00% | |
| 1 | 1+21.00 | 44.89% | |
| | | | |
| Vertical Alignment: CULVERT E FL | | | |
| Station Range: Start: 0+49.17, End: 1+32.82 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 1+23.25 | 0.60% | |
| 1 | 1+28.25 | 50.14% | |
| | | | |
| Vertical Alignment: CULVERT F FL | | | |
| Station Range: Start: 0+36.97, End: 1+32.82 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 0+51.01 | 1.55% | |
| 1 | 1+20.62 | 0.40% | |
| 2 | 1+25.62 | 31.95% | |
| | | | |
| Vertical Alignment: CULVERT G FL | | | |
| Station Range: Start: 0+46.95, End: 1+59.13 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 0+80.77 | 3.51% | |
| | | | |
| Vertical Alignment: CULVERT H2 FL | | | |
| Station Range: Start: 0+38.25, End: 1+00.08 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 0+85.83 | 0.00% | |
| 1 | 0+91.34 | 40.66% | |
| 2 | 1+00.08 | | |
| | | | |

| Vertical Alignment: CULVERT H FL | | | |
|---|---|---|---|
| Station Range: Start: 0+44.83, End: 1+42.38 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 0+44.83 | 0.50% | |
| 1 | 0+59.56 | 0.50% | |
| 2 | 1+28.20 | 0.00% | |
| 3 | 1+33.20 | 35.08% | |
| 4 | 1+42.38 | | |
| | | | |
| Vertical Alignment: CULVERT K FL | | | |
| Station Range: Start: 1+04.01, End: 1+74.30 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 1+04.01 | 5.87% | |
| 1 | 1+20.00 | 2.76% | |
| | | | |
| Vertical Alignment: CULVERT M FL | | | |
| Station Range: Start: 1+40.33, End: 2+23.47 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 1+40.33 | 1.30% | |
| | | | |
| Vertical Alignment: SD J1-2 FL | | | |
| Station Range: Start: 0+03.00, End: 1+37.11 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 0+03.00 | 1.01% | |
| 1 | 1+37.11 | | |
| | | | |
| Vertical Alignment: SD-J1-FL | | | |
| Station Range: Start: 0+73.98, End: 4+00.20 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 0+94.50 | 2.02% | |
| 1 | 2+67.84 | 0.00% | |
| 2 | 2+73.84 | 0.99% | |
| 3 | 4+00.20 | | |
| | | | |
| Vertical Alignment: J2 FL | | | |
| Station Range: Start: 0+52.75, End: 1+72.46 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 0+52.75 | 0.50% | |
| 1 | 0+86.24 | 1.00% | |
| 2 | 1+72.46 | | |
| | | | |
| Vertical Alignment: STORM DRAIN L1 FL | | | |
| Station Range: Start: 0+80.00, End: 3+93.58 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 0+80.00 | 5.44% | |
| 1 | 2+36.76 | 0.00% | |
| 2 | 2+42.76 | 1.93% | |
| 3 | 3+20.59 | 0.00% | |
| 4 | 3+23.09 | 6.38% | |
| | | | |
| Vertical Alignment: SD-L2-FL | | | |
| Station Range: Start: 0+03.00, End: 0+84.25 | | | |
| | | | |
| **PVI** | **Station** | **Grade Out** | **Curve Length** |
| 0 | 0+03.00 | 1.23% | |
| 1 | 0+84.25 | | |

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
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CDSmuery
ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

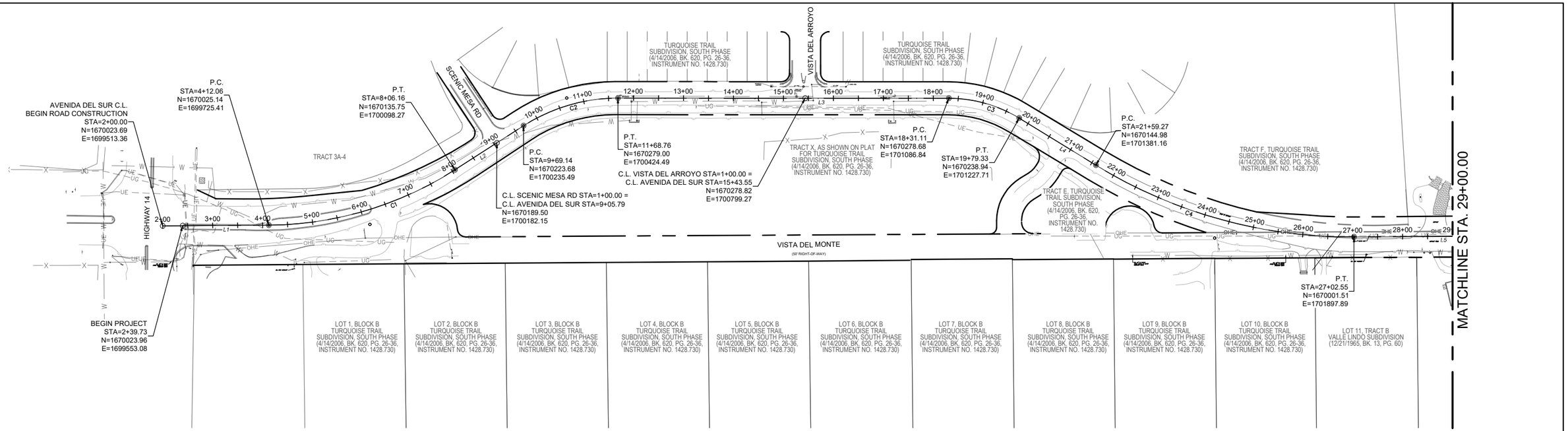
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# STORM DRAIN VERITCAL ALIGNMENT TABLE

| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
|---|---|---|---|
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 7 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\CDS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005--Align Horiz & Vert Data Tables.dwg PLOTTED: 05/28/2025 10:02 AM




| LINE TABLE | | |
|---|---|---|
| LINE | LENGTH | BEARING |
| L1 | 212.06' | N89°36'22"E |
| L2 | 162.98' | N57°20'54"E |
| L3 | 662.35' | S89°58'23"E |
| L4 | 179.94' | S58°31'11"E |
| L5 | 4878.50' | N89°45'11"E |
| L6 | 259.02' | N79°20'09"E |
| L7 | 310.73' | N39°52'58"E |
| L8 | 35.33' | N24°18'56"E |

| CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | TANGENT | DELTA | CHORD | CHORD BEARING |
| C1 | 394.10' | 700.00' | 202.43' | 32°15'28" | 388.92' | N73°28'38"E |
| C2 | 199.62' | 350.00' | 102.61' | 32°40'44" | 196.93' | S73°41'15"W |
| C3 | 148.22' | 270.00' | 76.03' | 31°27'12" | 146.37' | N74°14'47"W |
| C4 | 543.27' | 975.00' | 278.89' | 31°55'32" | 536.27' | S74°28'57"E |
| C5 | 536.20' | 2250.00' | 269.38' | 13°39'15" | 534.93' | N83°21'10"W |
| C6 | 631.95' | 1500.00' | 320.73' | 24°08'19" | 627.29' | S88°35'42"E |
| C7 | 661.04' | 960.00' | 344.23' | 39°27'11" | 648.06' | N59°36'33"E |
| C8 | 271.70' | 1000.00' | 136.69' | 15°34'02" | 270.86' | N32°05'57"E |

0 100' 200'
SCALE IN FEET

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## ROADWAY HORIZONTAL ALIGNMENT LAYOUT

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 8 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Alignment Layout.dwg PLOTTED: 05/28/2025 10:02 AM

MATCHLINE STA. 57+00.00

MATCHLINE STA. 87+00.00

TRACT C-2-B
CHRISTOPHER LEO CHURCH
(7/29/2009, BK. 705, PG. 48,
INSTRUMENT NO. 1572-171)

TRACT C-3-C
ROBERT CHARLES CHURCH, CLIFFORD WILLIAM
CHURCH & EDWARD MICHAEL CHURCH
(7/29/2009, BK. 705, PG. 48, INSTRUMENT NO. 1572-171)

TRACT D
WILLIAM AND JEANNE JONES LIVING TRUST
(4/1/2002, BK 2099, PG. 104-105,
INSTRUMENT NO. 1199638)

LOT 2
WINDMILL RIDGE SUBDIVISION
(380/049-050)
AS SHOWN ON PLAT
(11/17/2000, BK. 460, PG. 29-36,
INSTRUMENT NO. 1136.576)

57+00 58+00 59+00 60+00 61+00 62+00 63+00 64+00 65+00 66+00 67+00 68+00 69+00 70+00 71+00 72+00 73+00 74+00 75+00 76+00 77+00 78+00 79+00 80+00 81+00 82+00 83+00 84+00 85+00 86+00 87+00

L5 C5 C6

38' PRIVATE ACCESS AND UTILITY
EASEMENT (1/8/1998, BK. 278,
PG. 7, INSTRUMENT NO. 1008-341)

LOT A-2
ZENA L. BOYLAN AND LEWIS O. SEAMAN
(1/8/1998, BK. 378, PG. 7, INSTRUMENT NO.
1008-341)

LOT A-1
ZENA L. BOYLAN AND LEWIS O. SEAMAN
(1/8/1998, BK. 378, PG. 7, INSTRUMENT
NO. 1008-341)

LOT A-1
ZENA L. BOYLAN AND
LEWIS O. SEAMAN
(1/8/1998, BK. 378, PG. 7,
INSTRUMENT NO.
1008-341)

PARCEL 1
LOTS A-1-A THRU A-1-D,
LOTS A-2 THRU A-4, AND LOTS B AND C
10,632,717 SQ. FT.
244.0936 ACRES

P.C.
STA=75+81.06
N=1670022.53
E=1706776.35

P.C.
STA=81+17.26
N=1669960.61
E=1707307.68

PARCEL 1
LOTS A-1-A THRU A-1-D,
LOTS A-2 THRU A-4, AND LOTS B AND C
10,632,717 SQ. FT.
244.0936 ACRES

N

0 100' 200'
SCALE IN FEET

MATCHLINE STA. 87+00.00

LOT 2
WINDMILL RIDGE SUBDIVISION
(380/049-050)
AS SHOWN ON PLAT
(11/17/2000, BK. 460, PG. 29-36,
INSTRUMENT NO. 1136.576)

LOT 4, RANCHO VIEJO DE
SANTA FE

88+00 89+00 90+00 91+00 92+00 93+00 94+00 95+00 96+00 97+00 98+00 99+00 100+00 101+00 102+00 102+87

L6 C7 L7 C8 L8

P.T.
STA=87+49.21
N=1669945.23
E=1707934.78

P.C.
STA=90+08.23
N=1669993.16
E=1708189.33

P.T.
STA=96+69.27
N=1670321.01
E=1708748.34

P.C.
STA=99+80.00
N=1670559.46
E=1708947.59

C.L. A VAN NU PO STA=1+00.00 =
C.L. AVENIDA DEL SUR STA=99+09.53
N=1670505.38
E=1708902.40

P.C.
END PROJECT
STA=102+51.70
N=1670788.91
E=1709091.52

AVDENIDA DEL SUR C.L.
END ROAD CONSTRUCTION
STA=102+87.03
N=1670821.11
E=1709106.07

PARCEL 1
LOTS A-1-A THRU A-1-D,
LOTS A-2 THRU A-4, AND LOTS B AND C
10,632,717 SQ. FT.
244.0936 ACRES

LOT 1-A-1-B
SANTA MARIA EL MIRRADOR
(05/13/2009, BK. 702, PG. 34,
INSTRUMENT NO. 1562753)

LOT 1-A-1-B
SANTA MARIA EL MIRRADOR
(05/13/2009, BK. 702, PG. 34,
INSTRUMENT NO. 1562753)

A VAN NU PO

N

0 100' 200'
SCALE IN FEET

| LINE TABLE | | |
|---|---|---|
| LINE | LENGTH | BEARING |
| L1 | 212.06' | N89°36'22"E |
| L2 | 162.98' | N57°20'54"E |
| L3 | 662.35' | S89°58'23"E |
| L4 | 179.94' | S58°31'11"E |
| L5 | 4878.50' | N89°45'11"E |
| L6 | 259.02' | N79°20'09"E |
| L7 | 310.73' | N39°52'58"E |
| L8 | 35.33' | N24°18'56"E |

| CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | TANGENT | DELTA | CHORD | CHORD BEARING |
| C1 | 394.10' | 700.00' | 202.43' | 32°15'28" | 388.92' | N73°28'38"E |
| C2 | 199.62' | 350.00' | 102.61' | 32°40'44" | 196.93' | S73°41'15"W |
| C3 | 148.22' | 270.00' | 76.03' | 31°27'12" | 146.37' | N74°14'47"W |
| C4 | 543.27' | 975.00' | 278.89' | 31°55'32" | 536.27' | S74°28'57"E |
| C5 | 536.20' | 2250.00' | 269.38' | 13°39'15" | 534.93' | N83°21'10"W |
| C6 | 631.95' | 1500.00' | 320.73' | 24°08'19" | 627.29' | S88°35'42"E |
| C7 | 661.04' | 960.00' | 344.23' | 39°27'11" | 648.06' | N59°36'33"E |
| C8 | 271.70' | 1000.00' | 136.69' | 15°34'02" | 270.86' | N32°05'57"E |

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## ROADWAY HORIZONTAL ALIGNMENT LAYOUT

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 9 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:_JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Alignment Layout.dwg PLOTTED: 05/28/2025 10:02 AM

| Tangent Data | | | |
|---|---|---|---|
| **Description** | **PT Station** | **Northing** | **Easting** |
| Start: | 2+00.000 | 1670023.687 | 1699513.356 |
| End: | 4+12.060 | 1670025.145 | 1699725.41 |

| Tangent Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Length: | 212.06 | Course: | N 89° 36' 21.6834" E |

| Curve Point Data | | | |
|---|---|---|---|
| **Description** | **Station** | **Northing** | **Easting** |
| PC: | 4+12.060 | 1670025.145 | 1699725.41 |
| RP: | | 1670725.128 | 1699720.597 |
| PT: | 8+06.163 | 1670135.753 | 1700098.269 |

| Circular Curve Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Delta: | 32° 15' 28.0243" | Type: | LEFT |
| Radius: | 700 | | |
| Length: | 394.103 | Tangent: | 202.427 |
| Mid-Ord: | 27.553 | External: | 28.681 |
| Chord: | 388.919 | Course: | N 73° 28' 37.6713" E |

| Tangent Data | | | |
|---|---|---|---|
| **Description** | **PT Station** | **Northing** | **Easting** |
| Start: | 8+06.163 | 1670135.753 | 1700098.269 |
| End: | 9+69.138 | 1670223.683 | 1700235.489 |

| Tangent Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Length: | 162.975 | Course: | N 57° 20' 53.6591" E |

| Curve Point Data | | | |
|---|---|---|---|
| **Description** | **Station** | **Northing** | **Easting** |
| PC: | 9+69.138 | 1670223.683 | 1700235.489 |
| RP: | | 1669928.995 | 1700424.325 |
| PT: | 11+68.761 | 1670278.995 | 1700424.489 |

| Circular Curve Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Delta: | 32° 40' 43.5033" | Type: | RIGHT |
| Radius: | 350 | | |
| Length: | 199.623 | Tangent: | 102.608 |
| Mid-Ord: | 14.136 | External: | 14.731 |
| Chord: | 196.928 | Course: | N 73° 41' 15.4107" E |

| Tangent Data | | | |
|---|---|---|---|
| **Description** | **PT Station** | **Northing** | **Easting** |
| Start: | 11+68.761 | 1670278.995 | 1700424.489 |
| End: | 18+31.114 | 1670278.683 | 1701086.842 |

| Tangent Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Length: | 662.353 | Course: | S 89° 58' 22.8376" E |

| Curve Point Data | | | |
|---|---|---|---|
| **Description** | **Station** | **Northing** | **Easting** |
| PC: | 18+31.114 | 1670278.683 | 1701086.842 |
| RP: | | 1670008.683 | 1701086.715 |
| PT: | 19+79.334 | 1670238.944 | 1701227.711 |

| Circular Curve Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Delta: | 31° 27' 12.0956" | Type: | RIGHT |
| Radius: | 270 | | |
| Length: | 148.22 | Tangent: | 76.029 |
| Mid-Ord: | 10.107 | External: | 10.5 |
| Chord: | 146.366 | Course: | S 74° 14' 46.7898" E |

| Tangent Data | | | |
|---|---|---|---|
| **Description** | **PT Station** | **Northing** | **Easting** |
| Start: | 19+79.334 | 1670238.944 | 1701227.711 |
| End: | 21+59.271 | 1670144.98 | 1701381.164 |

| Tangent Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Length: | 179.937 | Course: | S 58° 31' 10.7420" E |

| Curve Point Data | | | |
|---|---|---|---|
| **Description** | **Station** | **Northing** | **Easting** |
| PC: | 21+59.271 | 1670144.98 | 1701381.164 |
| RP: | | 1670976.479 | 1701890.315 |
| PT: | 27+02.546 | 1670001.508 | 1701897.89 |

| Circular Curve Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Delta: | 31° 55' 31.7341" | Type: | LEFT |
| Radius: | 975 | | |
| Length: | 543.275 | Tangent: | 278.891 |
| Mid-Ord: | 37.595 | External: | 39.103 |
| Chord: | 536.274 | Course: | S 74° 28' 56.6090" E |

| Tangent Data | | | |
|---|---|---|---|
| **Description** | **PT Station** | **Northing** | **Easting** |
| Start: | 27+02.546 | 1670001.508 | 1701897.89 |
| End: | 40+22.908 | 1670011.766 | 1703218.212 |

| Tangent Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Length: | 1320.362 | Course: | N 89° 33' 17.5240" E |

| Tangent Data | | | |
|---|---|---|---|
| **Description** | **PT Station** | **Northing** | **Easting** |
| Start: | 40+22.908 | 1670011.766 | 1703218.212 |
| End: | 54+43.050 | 1670016.058 | 1704638.348 |

| Tangent Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Length: | 1420.143 | Course: | N 89° 49' 36.6582" E |

| Tangent Data | | | |
|---|---|---|---|
| **Description** | **PT Station** | **Northing** | **Easting** |
| Start: | 54+43.050 | 1670016.058 | 1704638.348 |
| End: | 69+28.509 | 1670020.487 | 1706123.8 |

| Tangent Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Length: | 1485.459 | Course: | N 89° 49' 44.9577" E |

| Tangent Data | | | |
|---|---|---|---|
| **Description** | **PT Station** | **Northing** | **Easting** |
| Start: | 69+28.509 | 1670020.487 | 1706123.8 |
| End: | 75+81.057 | 1670022.534 | 1706776.345 |

| Tangent Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Length: | 652.548 | Course: | N 89° 49' 12.9034" E |

| Curve Point Data | | | |
|---|---|---|---|
| **Description** | **Station** | **Northing** | **Easting** |
| PC: | 75+81.057 | 1670022.534 | 1706776.345 |
| RP: | | 1667772.545 | 1706783.404 |
| PCC: | 81+17.256 | 1669960.612 | 1707307.68 |

| Circular Curve Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Delta: | 13° 39' 15.0584" | Type: | RIGHT |
| Radius: | 2250 | | |
| Length: | 536.199 | Tangent: | 269.375 |
| Mid-Ord: | 15.954 | External: | 16.068 |
| Chord: | 534.931 | Course: | S 83° 21' 09.5674" E |

| Curve Point Data | | | |
|---|---|---|---|
| **Description** | **Station** | **Northing** | **Easting** |
| PCC: | 81+17.256 | 1669960.612 | 1707307.68 |
| RP: | | 1671419.323 | 1707657.197 |
| PT: | 87+49.207 | 1669945.23 | 1707934.779 |

| Circular Curve Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Delta: | 24° 08' 19.4526" | Type: | LEFT |
| Radius: | 1500 | | |
| Length: | 631.951 | Tangent: | 320.733 |
| Mid-Ord: | 33.157 | External: | 33.907 |
| Chord: | 627.287 | Course: | S 88° 35' 41.7639" E |

| Tangent Data | | | |
|---|---|---|---|
| **Description** | **PT Station** | **Northing** | **Easting** |
| Start: | 87+49.207 | 1669945.23 | 1707934.779 |
| End: | 90+08.229 | 1669993.164 | 1708189.327 |

| Tangent Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Length: | 259.022 | Course: | N 79° 20' 08.5098" E |

| Curve Point Data | | | |
|---|---|---|---|
| **Description** | **Station** | **Northing** | **Easting** |
| PC: | 90+08.229 | 1669993.164 | 1708189.327 |
| RP: | | 1670936.583 | 1708011.675 |
| PT: | 96+69.270 | 1670321.013 | 1708748.339 |

| Circular Curve Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Delta: | 39° 27' 10.7198" | Type: | LEFT |
| Radius: | 960 | | |
| Length: | 661.041 | Tangent: | 344.231 |
| Mid-Ord: | 56.338 | External: | 59.85 |
| Chord: | 648.059 | Course: | N 59° 36' 33.1499" E |

| Tangent Data | | | |
|---|---|---|---|
| **Description** | **PT Station** | **Northing** | **Easting** |
| Start: | 96+69.270 | 1670321.013 | 1708748.339 |
| End: | 99+80.004 | 1670559.458 | 1708947.588 |

| Tangent Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Length: | 310.734 | Course: | N 39° 52' 57.7900" E |

| Curve Point Data | | | |
|---|---|---|---|
| **Description** | **Station** | **Northing** | **Easting** |
| PC: | 99+80.004 | 1670559.458 | 1708947.588 |
| RP: | | 1671200.676 | 1708180.229 |
| PT: | 102+51.702 | 1670788.914 | 1709091.52 |

| Circular Curve Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Delta: | 15° 34' 01.5753" | Type: | LEFT |
| Radius: | 1000 | | |
| Length: | 271.697 | Tangent: | 136.691 |
| Mid-Ord: | 9.213 | External: | 9.299 |
| Chord: | 270.862 | Course: | N 32° 05' 57.0024" E |

| Tangent Data | | | |
|---|---|---|---|
| **Description** | **PT Station** | **Northing** | **Easting** |
| Start: | 102+51.702 | 1670788.914 | 1709091.52 |
| End: | 102+87.027 | 1670821.105 | 1709106.066 |

| Tangent Data | | | |
|---|---|---|---|
| **Parameter** | **Value** | **Parameter** | **Value** |
| Length: | 35.325 | Course: | N 24° 18' 56.2148" E |

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
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SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## ROADWAY HORIZONTAL ALIGNMENT TABLE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 10 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:02 AM
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005--Align Horiz & Vert Data Tables.dwg

| PVI | Station | Grade Out | Curve Length | |
|---|---|---|---|---|
| 0 | 22+00.00 | 4.97% | | |
| 1 | 24+00.00 | 5.06% | | |
| 2 | 28+50.00 | -1.76% | 342.000' | |
| | Vertical Curve Information:(crest curve) | | | |
| | PVC Station: | 26+79.00 | Elevation: | 6,349.249' |
| | PVI Station: | 28+50.00 | Elevation: | 6,357.900' |
| | PVT Station: | 30+21.00 | Elevation: | 6,354.890' |
| | High Point: | 29+32.73 | Elevation: | 6,355.667' |
| | Grade in: | 5.06% | Grade out: | -1.76% |
| | Change: | 6.82% | K: | 50.15316431 |
| | Curve Length: | 342.000' | | |
| | Passing Distance: | 397.769' | Stopping Distance: | 258.188' |
| 3 | 31+00.00 | 1.37% | 158.000' | |
| | Vertical Curve Information:(sag curve) | | | |
| | PVC Station: | 30+21.00 | Elevation: | 6,354.890' |
| | PVI Station: | 31+00.00 | Elevation: | 6,353.500' |
| | PVT Station: | 31+79.00 | Elevation: | 6,354.586' |
| | Low Point: | 31+09.71 | Elevation: | 6,354.110' |
| | Grade in: | -1.76% | Grade out: | 1.37% |
| | Change: | 3.13% | K: | 50.40278404 |
| | Curve Length: | 158.000' | | |
| | Headlight Distance: | 322.223' | | |
| 4 | 34+96.00 | -6.11% | 400.000' | |
| | Vertical Curve Information:(crest curve) | | | |
| | PVC Station: | 32+96.00 | Elevation: | 6,356.195' |
| | PVI Station: | 34+96.00 | Elevation: | 6,358.944' |
| | PVT Station: | 36+96.00 | Elevation: | 6,346.722' |
| | High Point: | 33+69.46 | Elevation: | 6,356.699' |
| | Grade in: | 1.37% | Grade out: | -6.11% |
| | Change: | 7.49% | K: | 53.43473191 |
| | Curve Length: | 400.000' | | |
| | Passing Distance: | 406.574' | Stopping Distance: | 266.501' |
| 5 | 39+86.00 | 4.54% | 550.000' | |
| | Vertical Curve Information:(sag curve) | | | |
| | PVC Station: | 37+11.00 | Elevation: | 6,345.805' |
| | PVI Station: | 39+86.00 | Elevation: | 6,329.000' |
| | PVT Station: | 42+61.00 | Elevation: | 6,341.489' |
| | Low Point: | 40+26.52 | Elevation: | 6,336.164' |
| | Grade in: | -6.11% | Grade out: | 4.54% |
| | Change: | 10.65% | K: | 51.63201858 |
| | Curve Length: | 550.000' | | |
| | Headlight Distance: | 259.756' | | |
| 6 | 44+22.00 | 0.51% | 210.000' | |
| | Vertical Curve Information:(crest curve) | | | |
| | PVC Station: | 43+17.00 | Elevation: | 6,344.032' |
| | PVI Station: | 44+22.00 | Elevation: | 6,348.800' |
| | PVT Station: | 45+27.00 | Elevation: | 6,349.335' |
| | High Point: | 45+27.00 | Elevation: | 6,349.335' |
| | Grade in: | 4.54% | Grade out: | 0.51% |
| | Change: | 4.03% | K: | 52.08681789 |
| | Curve Length: | 210.000' | | |
| | Passing Distance: | 488.548' | Stopping Distance: | 269.836' |
| 7 | 50+50.00 | 1.77% | 200.000' | |
| | Vertical Curve Information:(sag curve) | | | |
| | PVC Station: | 49+50.00 | Elevation: | 6,351.490' |
| | PVI Station: | 50+50.00 | Elevation: | 6,352.000' |
| | PVT Station: | 51+50.00 | Elevation: | 6,353.767' |
| | Low Point: | 49+50.00 | Elevation: | 6,351.490' |
| | Grade in: | 0.51% | Grade out: | 1.77% |
| | Change: | 1.26% | K: | 159.0947475 |
| | Curve Length: | 200.000' | | |
| | Headlight Distance: | | | |

| | | | | |
|---|---|---|---|---|
| 8 | 57+10.00 | -2.09% | 270.000' | |
| | Vertical Curve Information:(crest curve) | | | |
| | PVC Station: | 55+75.00 | Elevation: | 6,361.275' |
| | PVI Station: | 57+10.00 | Elevation: | 6,363.660' |
| | PVT Station: | 58+45.00 | Elevation: | 6,360.843' |
| | High Point: | 56+98.78 | Elevation: | 6,362.368' |
| | Grade in: | 1.77% | Grade out: | -2.09% |
| | Change: | 3.85% | K: | 70.06589538 |
| | Curve Length: | 270.000' | | |
| | Passing Distance: | 536.286' | Stopping Distance: | 307.459' |
| 9 | 61+13.00 | 4.01% | 306.000' | |
| | Vertical Curve Information:(sag curve) | | | |
| | PVC Station: | 59+60.00 | Elevation: | 6,358.443' |
| | PVI Station: | 61+13.00 | Elevation: | 6,355.250' |
| | PVT Station: | 62+66.00 | Elevation: | 6,361.387' |
| | Low Point: | 60+64.72 | Elevation: | 6,357.350' |
| | Grade in: | -2.09% | Grade out: | 4.01% |
| | Change: | 6.10% | K: | 50.18107966 |
| | Curve Length: | 306.000' | | |
| | Headlight Distance: | 254.159' | | |
| 10 | 63+66.00 | 0.58% | 180.000' | |
| | Vertical Curve Information:(crest curve) | | | |
| | PVC Station: | 62+76.00 | Elevation: | 6,361.788' |
| | PVI Station: | 63+66.00 | Elevation: | 6,365.398' |
| | PVT Station: | 64+56.00 | Elevation: | 6,365.916' |
| | High Point: | 64+56.00 | Elevation: | 6,365.916' |
| | Grade in: | 4.01% | Grade out: | 0.58% |
| | Change: | 3.44% | K: | 52.38729521 |
| | Curve Length: | 180.000' | | |
| | Passing Distance: | 540.054' | Stopping Distance: | 283.418' |
| 11 | 65+75.00 | 4.60% | 220.000' | |
| | Vertical Curve Information:(sag curve) | | | |
| | PVC Station: | 64+65.00 | Elevation: | 6,365.967' |
| | PVI Station: | 65+75.00 | Elevation: | 6,366.600' |
| | PVT Station: | 66+85.00 | Elevation: | 6,371.665' |
| | Low Point: | 64+65.00 | Elevation: | 6,365.967' |
| | Grade in: | 0.58% | Grade out: | 4.60% |
| | Change: | 4.03% | K: | 54.59691716 |
| | Curve Length: | 220.000' | | |
| | Headlight Distance: | 281.629' | | |
| 12 | 67+90.00 | 1.48% | 190.000' | |
| | Vertical Curve Information:(crest curve) | | | |
| | PVC Station: | 66+95.00 | Elevation: | 6,372.126' |
| | PVI Station: | 67+90.00 | Elevation: | 6,376.500' |
| | PVT Station: | 68+85.00 | Elevation: | 6,377.907' |
| | High Point: | 68+85.00 | Elevation: | 6,377.907' |
| | Grade in: | 4.60% | Grade out: | 1.48% |
| | Change: | 3.12% | K: | 60.82176092 |
| | Curve Length: | 190.000' | | |
| | Passing Distance: | 590.013' | Stopping Distance: | 307.740' |
| 13 | 70+50.00 | 5.70% | 250.000' | |
| | Vertical Curve Information:(sag curve) | | | |
| | PVC Station: | 69+25.00 | Elevation: | 6,378.499' |
| | PVI Station: | 70+50.00 | Elevation: | 6,380.350' |
| | PVT Station: | 71+75.00 | Elevation: | 6,387.475' |
| | Low Point: | 69+25.00 | Elevation: | 6,378.499' |
| | Grade in: | 1.48% | Grade out: | 5.70% |
| | Change: | 4.22% | K: | 59.25250684 |
| | Curve Length: | 250.000' | | |
| | Headlight Distance: | 294.052' | | |

| | | | | |
|---|---|---|---|---|
| 14 | 75+00.00 | 4.18% | 100.000' | |
| | Vertical Curve Information:(crest curve) | | | |
| | PVC Station: | 74+50.00 | Elevation: | 6,403.150' |
| | PVI Station: | 75+00.00 | Elevation: | 6,406.000' |
| | PVT Station: | 75+50.00 | Elevation: | 6,408.091' |
| | High Point: | 75+50.00 | Elevation: | 6,408.091' |
| | Grade in: | 5.70% | Grade out: | 4.18% |
| | Change: | 1.52% | K: | 65.86826347 |
| | Curve Length: | 100.000' | | |
| | Passing Distance: | 1,068.562' | Stopping Distance: | 487.744' |
| 15 | 80+50.00 | 0.78% | 200.000' | |
| | Vertical Curve Information:(crest curve) | | | |
| | PVC Station: | 79+50.00 | Elevation: | 6,424.818' |
| | PVI Station: | 80+50.00 | Elevation: | 6,429.000' |
| | PVT Station: | 81+50.00 | Elevation: | 6,429.778' |
| | High Point: | 81+50.00 | Elevation: | 6,429.778' |
| | Grade in: | 4.18% | Grade out: | 0.78% |
| | Change: | 3.40% | K: | 58.7537092 |
| | Curve Length: | 200.000' | | |
| | Passing Distance: | 554.273' | Stopping Distance: | 295.231' |
| 16 | 85+00.00 | 4.12% | 180.000' | |
| | Vertical Curve Information:(sag curve) | | | |
| | PVC Station: | 84+10.00 | Elevation: | 6,431.800' |
| | PVI Station: | 85+00.00 | Elevation: | 6,432.500' |
| | PVT Station: | 85+90.00 | Elevation: | 6,436.213' |
| | Low Point: | 84+10.00 | Elevation: | 6,431.800' |
| | Grade in: | 0.78% | Grade out: | 4.12% |
| | Change: | 3.35% | K: | 53.77593361 |
| | Curve Length: | 180.000' | | |
| | Headlight Distance: | 312.946' | | |
| 17 | 89+00.00 | -0.71% | 250.000' | |
| | Vertical Curve Information:(crest curve) | | | |
| | PVC Station: | 87+75.00 | Elevation: | 6,443.844' |
| | PVI Station: | 89+00.00 | Elevation: | 6,449.000' |
| | PVT Station: | 90+25.00 | Elevation: | 6,448.107' |
| | High Point: | 89+88.10 | Elevation: | 6,448.239' |
| | Grade in: | 4.13% | Grade out: | -0.71% |
| | Change: | 4.84% | K: | 51.66051661 |
| | Curve Length: | 250.000' | | |
| | Passing Distance: | 444.544' | Stopping Distance: | 262.329' |
| 18 | 96+00.00 | -3.68% | 150.000' | |
| | Vertical Curve Information:(crest curve) | | | |
| | PVC Station: | 95+25.00 | Elevation: | 6,444.536' |
| | PVI Station: | 96+00.00 | Elevation: | 6,444.000' |
| | PVT Station: | 96+75.00 | Elevation: | 6,441.239' |
| | High Point: | 95+25.00 | Elevation: | 6,444.536' |
| | Grade in: | -0.71% | Grade out: | -3.68% |
| | Change: | 2.97% | K: | 50.54679569 |
| | Curve Length: | 150.000' | | |
| | Passing Distance: | 596.091' | Stopping Distance: | 298.948' |
| 19 | 100+50.00 | -1.17% | 130.000' | |
| | Vertical Curve Information:(sag curve) | | | |
| | PVC Station: | 99+85.00 | Elevation: | 6,429.825' |
| | PVI Station: | 100+50.00 | Elevation: | 6,427.432' |
| | PVT Station: | 101+15.00 | Elevation: | 6,426.670' |
| | Low Point: | 101+15.00 | Elevation: | 6,426.670' |
| | Grade in: | -3.68% | Grade out: | -1.17% |
| | Change: | 2.51% | K: | 51.78428936 |
| | Curve Length: | 130.000' | | |
| | Headlight Distance: | 474.799' | | |
| 20 | 102+51.70 | | | |

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MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

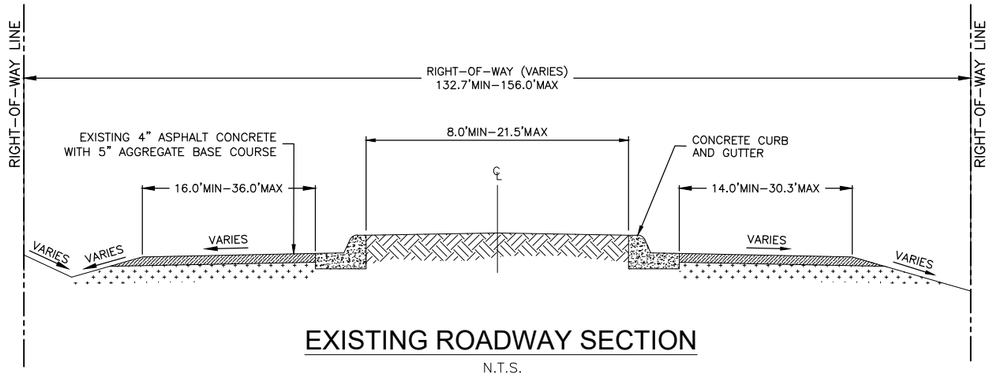
CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# ROADWAY VERTICAL PROFILE TABLE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 11 |

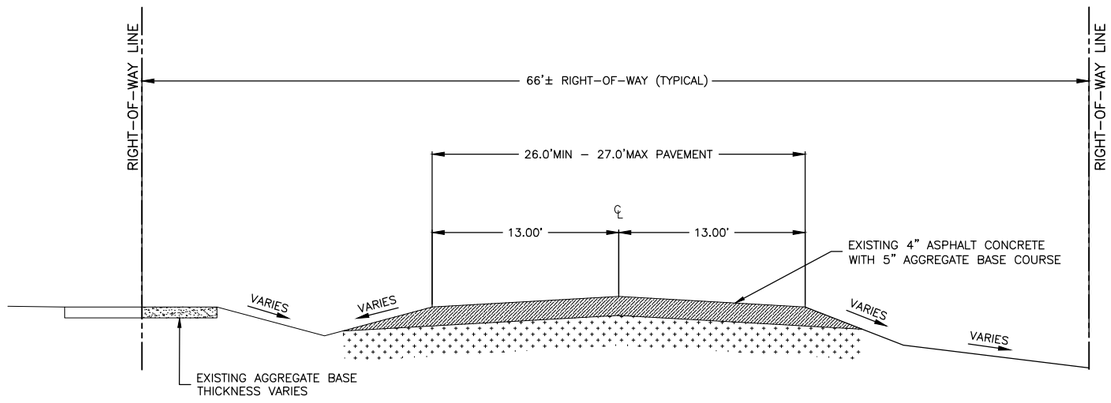
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**




## EXISTING ROADWAY SECTION

N.T.S.

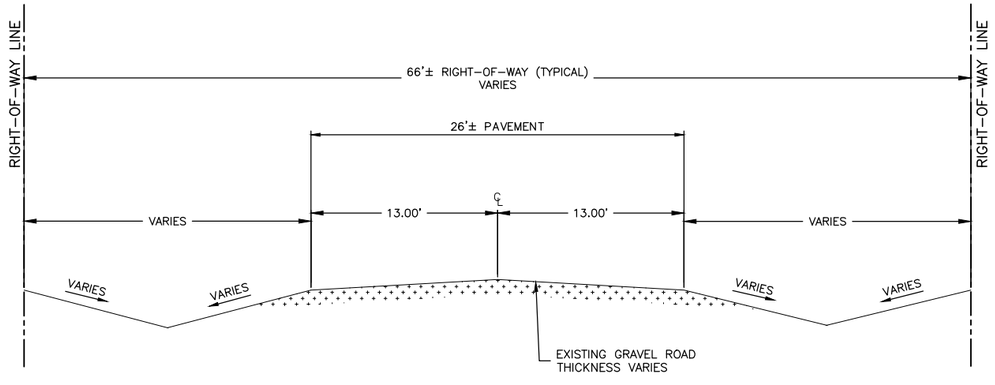
STA 2+40 TO STA 6+21




## EXISTING ROADWAY SECTION

N.T.S.

STA 6+21 TO STA 22+00




## EXISTING ROADWAY SECTION

N.T.S.

STA 22+00 TO STA 68+40

NOTE A:
EXISTING ROADWAY END
AT STATION 68+40

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

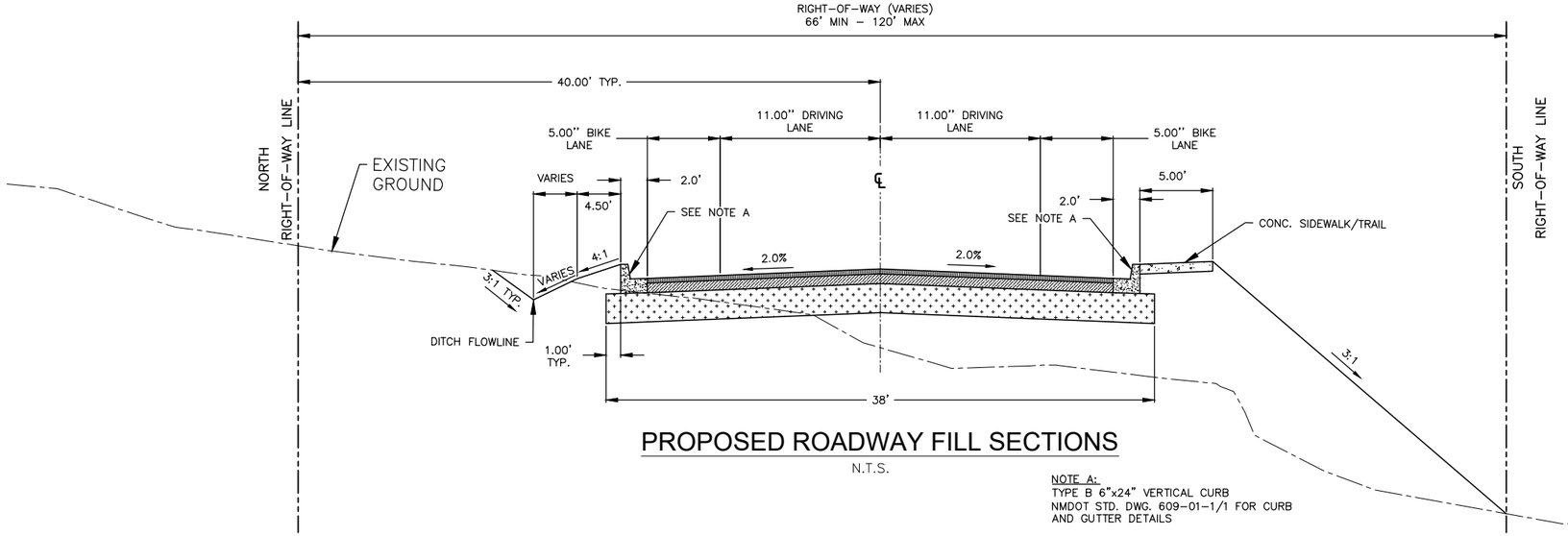
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# AVENIDA DEL SUR EXISTING ROADWAY SECTIONS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 12 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

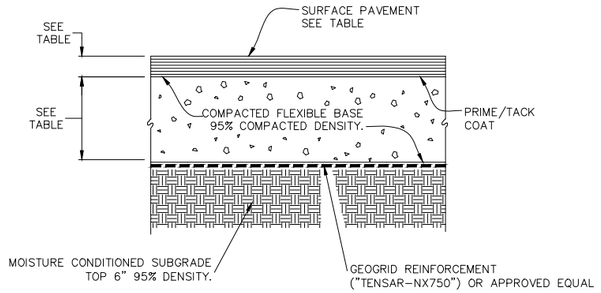
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## PROPOSED ROADWAY FILL SECTIONS

N.T.S.

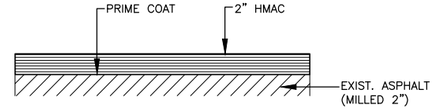
NOTE A:
TYPE B 6"x24" VERTICAL CURB
NMDOT STD. DWG. 609-01-1/1 FOR CURB AND GUTTER DETAILS




## FLEXIBLE ASPHALT PAVEMENT

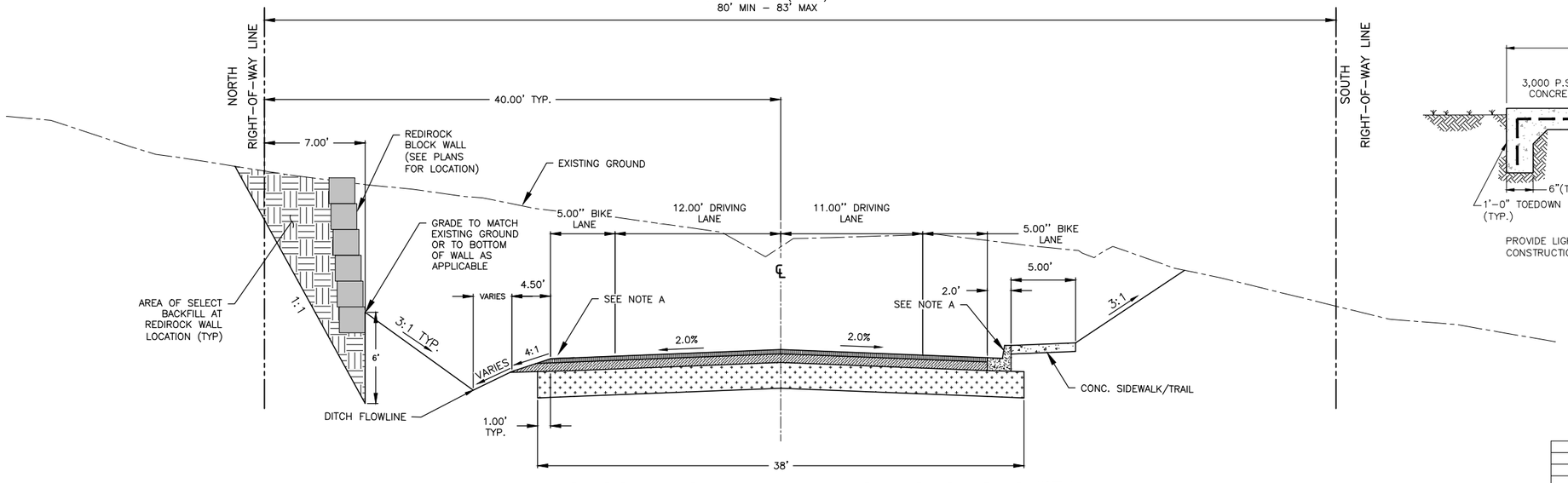
N.T.S.

| | |
|---|---|
| SURFACE | 2.0" HMA SP-IV |
| | 2.5" HMA SP-IV |
| BASE | 6" TYPE I BASE COURSE |
| GEOGRID | TENSAR NX750 GEOGRID |
| SUBGRADE | 6" MIN. SUBGRADE PREPARATION |




## MILL AND OVERLAY

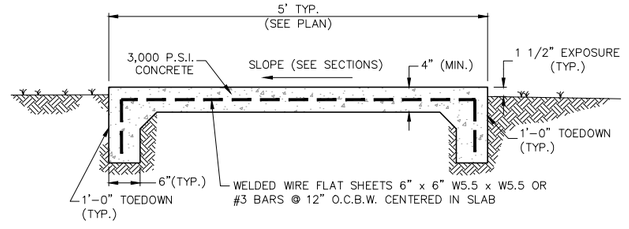
N.T.S.




## PROPOSED ROADWAY DEEP CUT SECTIONS (SOUTH CURB ONLY)

N.T.S.

NOTE A:
TYPE B 6"x24" VERTICAL CURB
NMDOT STD. DWG. 609-01-1/1 FOR CURB AND GUTTER DETAILS




PROVIDE LIGHT BROOM FINISH (WITH SLOPE DIRECTION).PROVIDE TOOLED CONSTRUCTION JOINTS @ 5'OFF OC, AND EXPANSION JOINTS @ ≤ 40'OC.

## CONCRETE SIDEWALK W / TOEDOWN

N.T.S.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

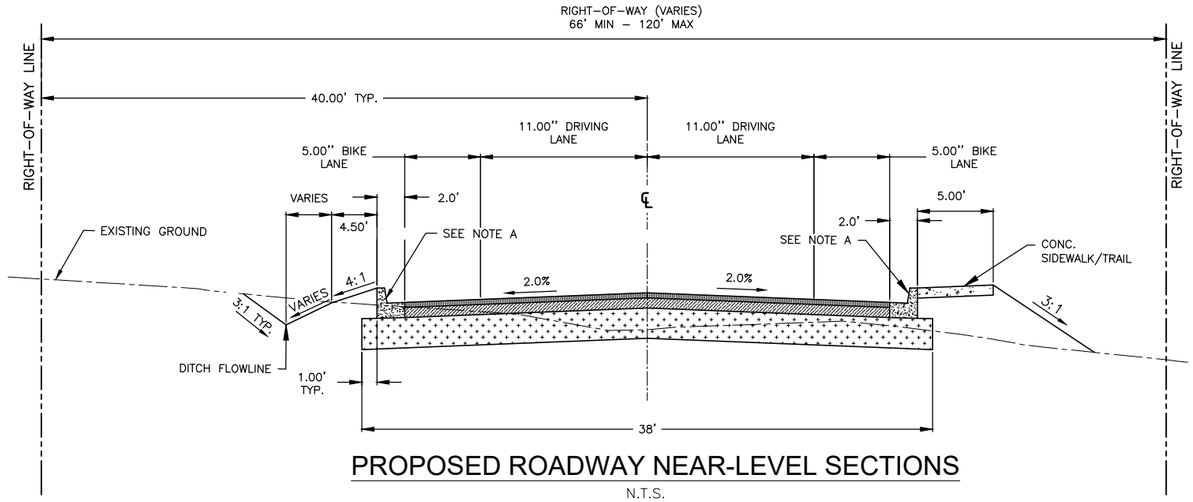
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# AVENIDA DEL SUR PROPOSED ROADWAY SECTIONS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 13 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

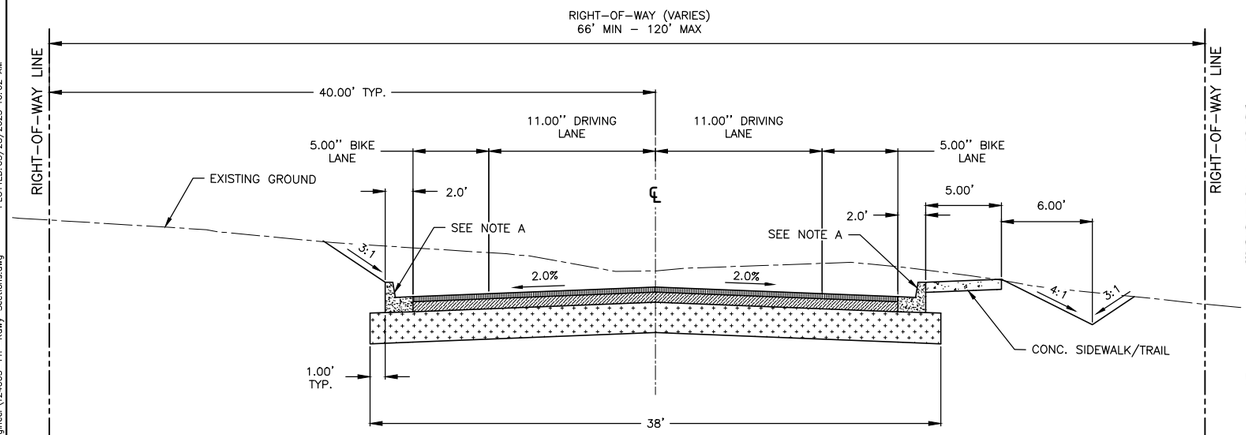
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## PROPOSED ROADWAY NEAR-LEVEL SECTIONS

N.T.S.

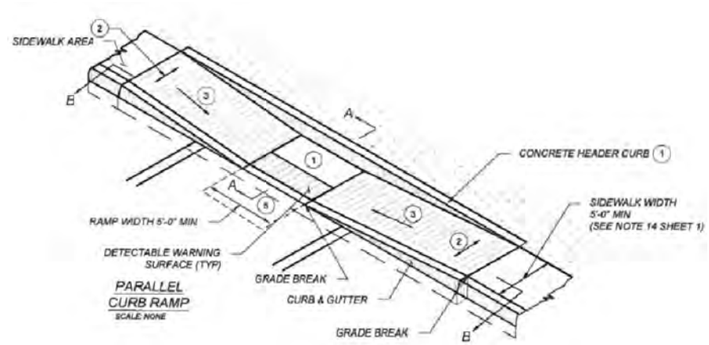
NOTE A:
TYPE B 6"x24" VERTICAL CURB
NMDOT STD. DWG. 609–01–1/1 FOR CURB AND GUTTER DETAILS




## PROPOSED ROADWAY SHALLOW-CUT SECTIONS

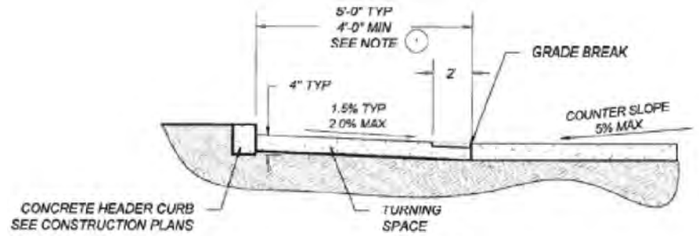
N.T.S.

NOTE A:
TYPE B 6"x24" VERTICAL CURB
NMDOT STD. DWG. 609–01–1/1 FOR CURB AND GUTTER DETAILS




PARALLEL CURB RAMP
SCALE: NONE

ALL HANDICAP ACCESS RAMPS SHALL COMPLY WITH NMDOT STANDARDS AND ADA–1990.



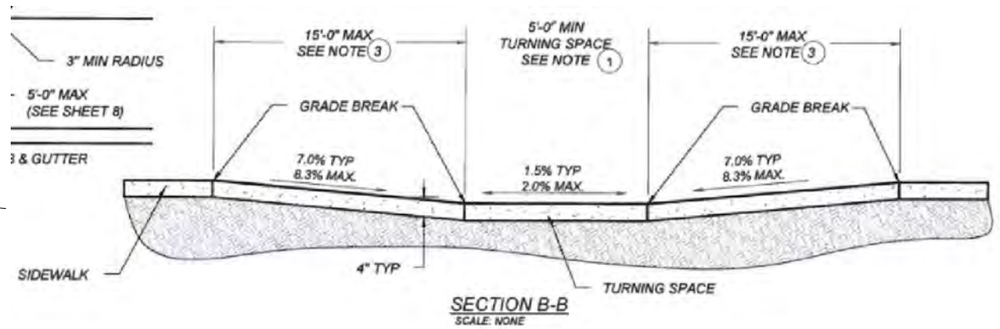

SECTION A-A
SCALE: NONE

### KEYED NOTES

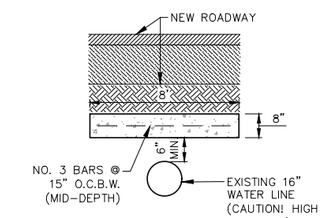
1. TURNING SPACE SHALL HAVE MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.0% (RECOMMEND 1.5%). TURNING SPACE SHALL BE 4.0 FT BY 4.0 FT MIN (RECOMMEND 5.0 FT BY 5.0 FT) AT THE TOP OF THE CURB RAMP AND SHALL BE PERMITTED TO OVERLAP OTHER TURNING SPACES AND CLEAR SPACES. WHERE THE TURNING SPACE IS CONSTRAINED AT THE BACK OF SIDEWALK, THE TURNING SPACE SHALL BE 4.0 FT MIN BY 5.0 FT MIN. THE 5.0 FT SHALL BE PROVIDED IN THE DIRECTION OF THE RAMP RUN.
2. CROSS SLOPE SHALL BE 2.0% MAX (RECOMMENDED 1.5%). EXCEPTION: THE CROSS SLOPE OF CURB RAMPS AT PEDESTRIAN STREET CROSSING WITHOUT YIELD OR STOP CONTROL, TRAFFIC SIGNALS DESIGNED FOR THE GREEN PHASE, AND AT MIDBLOCK PEDESTRIAN STREET CROSSING, THE CROSS SLOPE IS PERMITTED TO MATCH STREET OR HIGHWAY GRADE.
3. RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.3 % MAX (RECOMMENDED 7.0%) BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15.0 FT TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAX LENGTH, THE RUNNING SLOPE OF THE CURB RAMP SHALL BE EXTENDED AS FLAT AS MAXIMUM EXTENT PRACTICABLE.
4. GRADE BREAKS AT THE TOP AND BOTTOM OF CURB RAMPS RUNS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN. GRADE BREAKS SHALL NOT BE PERMITTED ON THE SURFACE OF RAMP RUNS AND TURNING SPACE. SURFACE SLOPES THAT MEET AT GRADE BREAKS SHALL BE FLUSH.
5. COUNTER SLOPE OF THE GUTTER OR STREET AT THE FOOT OF A CURB RAMP, RUN OR TURNING SPACE SHALL BE 5% MAX.
6. FLARED SIDES ARE TO HAVE A SLOPE OF 10% MAX (RECOMMEND 9%), MEASURED PARALLEL TO THE BACK OF THE CURB, UNLESS THE FLARED SIDES ARE PROTECTED FROM CROSS TRAVEL BY LANDSCAPING, STREET FURNITURE, CHAINS, FENCING, OR RAILINGS.

### NOTES:

- (A) DO NOT SCORE OR MAKE GROOVES IN SLOPED SURFACE. LINES SHOWN ON STANDARD DETAILS ARE FOR ILLUSTRATION ONLY.
- (B) DETAILS OF THE DETECTABLE WARNING SURFACE ARE SHOWN IN THE CONSTRUCTION PLANS AND SHEET 608-001-8/12 OF THE STANDARD DRAWINGS.
- (C) IN ALTERATIONS WHERE EXISTING PHYSICAL CONSTRAINTS PREVENT COMPLIANCE TO PROVIDE A CURB RAMP FOR EACH PEDESTRIAN CROSSING A SINGLE DIAGONAL CURB RAMP SHALL BE PERMITTED TO SERVE BOTH PEDESTRIAN STREET CROSSINGS.
- (D) CONCRETE HEADER CURBS CONSTRUCTED AS PART OF THE CURB RAMP WILL BE CONSIDERED INCIDENTAL TO ITEM NUMBER 608004 AND NO SEPARATE PAYMENT WILL BE MADE.




SECTION B-B
SCALE: NONE




## CONCRETE CAP DETAIL

N.T.S.

NOTE:
WHERE SHOWN ON PLANS

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10019500

SANTA FE COUNTY

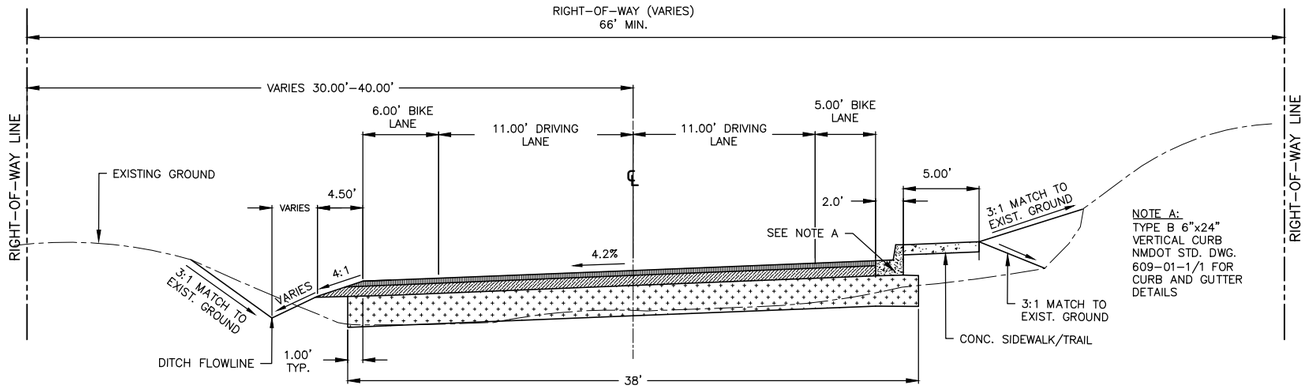
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# AVENIDA DEL SUR PROPOSED ROADWAY SECTIONS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 14 |

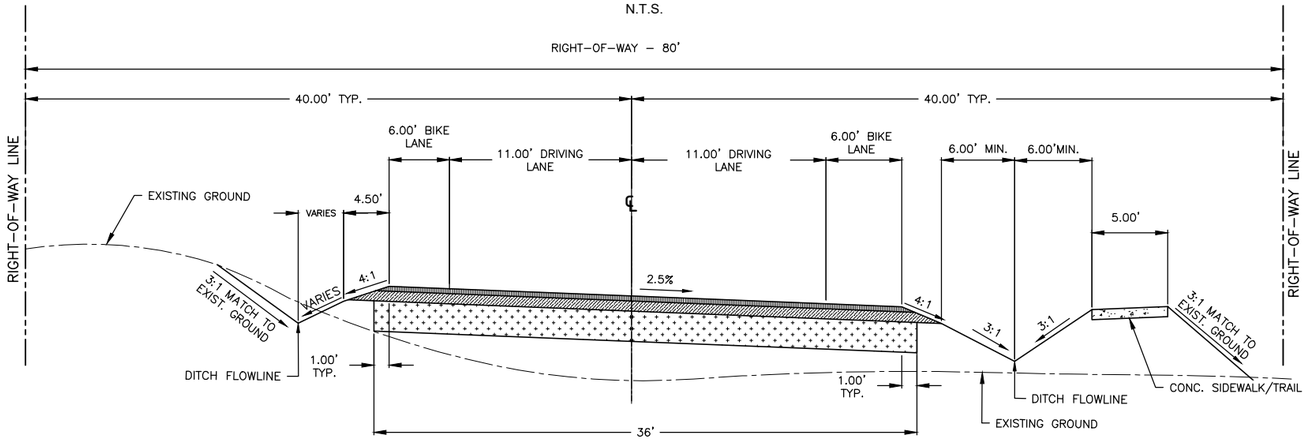
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:02 AM
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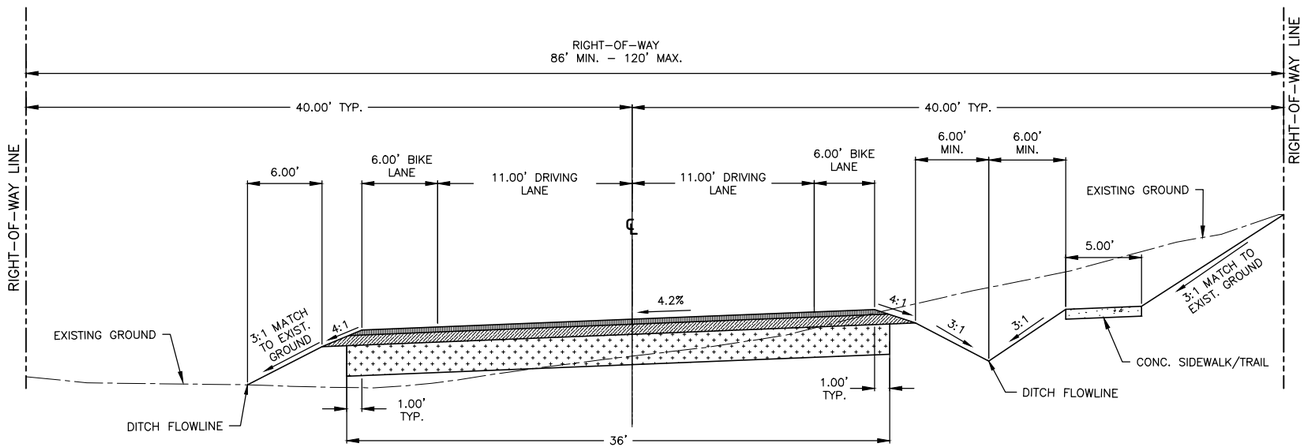

## PROPOSED ROADWAY WITH SUPER ELEVATION SECTION
## (STA: 23+30.00 - 26+68.00)

N.T.S.




## PROPOSED ROADWAY WITH SUPER ELEVATION SECTION
## (STA: 76+81.00 - 80+00.00)

N.T.S.




## PROPOSED ROADWAY WITH SUPER ELEVATION SECTION
## (STA: 90+42.00 - 95+00.00)

N.T.S.

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# AVENIDA DEL SUR PROPOSED ROADWAY SECTIONS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 15 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-TYP-Rdwy-Sections.dwg PLOTTED:05/28/2025 10:02 AM

## GENERAL NOTES

GENERAL
THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND IS NOT LIABLE FOR PROBLEMS THAT ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY OR FOR PROBLEMS THAT ARISE FROM FAILURE TO OBTAIN AND/OR FOLLOW THE ENGINEER'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS.

PERMITS
ALL PERMITS REQUIRED FOR CONSTRUCTION, INCLUDING ALL LOCAL, CITY, COUNTY, STATE AND FEDERAL PERMITS, ARE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS ALREADY PROVIDED BY THE ENGINEER IN THE CONTRACT DOCUMENTS. ALL PERMIT FEES ARE PAYABLE BY THE CONTRACTOR, AND SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION UNLESS A SPECIFIC BID ITEM EXISTS FOR THE PERMIT WORK. NO TIME EXTENSIONS WILL BE ALLOWED DUE TO THE NORMAL PERMITTING PROCESSES. ANY FINES ASSOCIATED WITH NOT OBTAINING NECESSARY PERMITS ARE THE RESPONSIBILITTY OF THE CONTRACTOR. IT IS THE ENGINEER'S RECOMMENDATION THAT ALL BIDDERS CONTACT THE APPROPRIATE AGENCIES PRIOR TO BIDDING TO ENSURE THAT ALL APPROPRIATE FEES, COSTS, AND SCHEDULES FOR THE PERMITS REQUIRED ARE KNOWN PRIOR TO BIDDING. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE TERMS OF THESE PERMITS RELATED TO CONSTRUCTION. COST OF COMPLIANCE WITH THESE PERMITS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, AND NO ADDITIONAL PAYMENT SHALL BE MADE THEREFOR.

TRAFFIC CONTROL
THE CONTRACTOR SHALL MAINTAIN THE PROPER TRAFFIC CONTROL DEVICES DURING CONSTRUCTION IN COMPLIANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.THE CONTRACTOR IS SOLELY RESPONSIBLE FOR IMPLEMENTING, PROTECTING AND MAINTAINING ANY NECESSARY TRAFFIC CONTROL.

UTILITY CONTROL
THE CONTRACTOR IS SOLELY RESPONSIBLE FOR UTILITY LOCATION, PROTECTION AND VERIFICATION PER STATE LAW. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES AND THE OWNER'S REPRESENTATIVE WITH REGARD TO RELOCATING, ADJUSTING, REPLACING AND/OR REPAIRING UTILITIES DURING CONSTRUCTION.ADDITIONALLY, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES AND OTHER OBSTRUCTIONS IN RELATION TO THE PROPOSED IMPROVEMENTS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMAL DELAY. DELAYS CAUSED OR COSTS INCURRED BECAUSE OF UTILITY CONFLICTS OR OTHER OBSTRUCTIONS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. UTILITIES SHOWN IN THESE CONSTRUCTION PLANS ARE SHOWN IN THEIR APPROXIMATE LOCATION ONLY, AND SHALL NOT BE RELIED UPON BY THE CONTRACTOR. FIELD MARKS MADE BY THE INDIVIDUAL UTILITIES SHALL OVERRIDE ANY LOCATION SHOWN IN THESE PLANS.

THE EXISTING UTILITIES, STRUCTURES, AND CULVERTS SHOWN ON THESE PLANS ARE SHOWN FOR INFORMATION ONLY. THE CONTRACTOR SHALL PERFORM A FIELD REVIEW OF THE ALIGNMENT TWO WEEKS PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ALLOW APPROPRIATE TIME FOR REDESIGN IF NECESSARY. AFTER THE CONTRACTOR HAS HAD HIS SURVEYOR STAKE THE PROPOSED STORM/SEWER LINES AND THE EXISTING UTILITIES HAVE BEEN MARKED ON THE GROUND, THE CONTRACTOR SHALL CONDUCT A FIELD REVIEW OF THE STORM/SEWER LINES ALIGNMENTS. IF THE ALIGNMENT OF THE PROPOSED STORM/SEWER LINES WILL CREATE UTILITY CONFLICTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE ALIGNMENTS CAN BE REVIEWED AND MODIFIED, IF NECESSARY. ALL MODIFICATIONS TO THE STORM/SEWER LINES ALIGNMENT AND PROFILE MUST BE APPROVED BY THE ENGINEER. ANY CONSTRUCTION DELAYS CAUSED BY THE CONTRACTOR'S FAILURE TO PERFORM THE FIELD REVIEW, OR BY THE CONTRACTOR'S FAILURE TO NOTIFY THE ENGINEER OF ANY CONFLICTS TWO WEEKS PRIOR TO CONSTRUCTION SHALL BE DEEMED TO BE DELAYS CAUSED BY THE CONTRACTOR, AND THE CONTRACT TIME WILL NOT BE EXTENDED FOR SUCH DELAYS.

LOCATIONS OF EXISTING WATERLINES,GAS LINES AND TELECOM LINES SHOWN IN THESE PLANS ARE APPROXIMATE BASED ON THE BEST INFORMATION AVAILABLE. DUE TO THE UNCERTAIN NATURE OF THE UTILITY LOCATIONS.

THE LOCATION OF ALL EXISTING UTILITIES, AS SHOWN ON THE CONSTRUCTION DRAWINGS, ARE APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING FINAL UTILITY LOCATION DETERMINATION IN THE FIELD DURING CONSTRUCTION. THE COST OF THIS ACTIVITY SHALL BE CONSIDERED INCIDENTAL AND NO SEPARATE PAYMENT SHALL BE MADE FOR THIS WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES TO PREVENT ANY SERVICE DISRUPTIONS.

THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A COMPREHENSIVE CONSTRUCTION SEQUENCE AND SCHEDULE PRIOR TO COMMENCEMENT OF CONSTRUCTION THAT TAKES INTO ACCOUNT THE FIELD LOCATIONS OF EXISTING UTILITIES AND ANY CONFLICTS WITH THE PROPOSED IMPROVEMENTS.

EXISTING WATER SYSTEM
THROUGHOUT THE LIFE OF THE PROJECT, THE CONTRACTOR SHALL KEEP THE EXISTING WATER SYSTEM OPERATING. THE CONTRACTOR SHALL REPORT WATER SHUTOFFS OF ANY OR ALL CONNECTIONS TO THE ASSOCIATION FORTY-EIGHT (48), OR MORE HOURS IN ADVANCE OF THE SHUT-OFFS. ALL LOCAL RESIDENTS AND BUSINESSES SHALL BE CONTACTED BEFORE ANY DISCONNECTION OF WATER SERVICE. ANY INTERRUPTION OF WATER SERVICE SHALL BE KEPT TO THE MINIMUM LENGTH OF TIME POSSIBLE.

THE EXISTING WATER SYSTEM IS TO REMAIN OPERATIONAL UNTIL & ANY DAMAGE TO THE EXISTING SYSTEM SHALL BE IMMEDIATELY REPAIRED BY CONTRACTOR.

ALL WATER SHUTOFFS MUST BE COORDINATED WITH THE OWNER'S REPRESENTATIVE A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION. CONNECTION TO THE NEW WATERLINE SERVICES SHALL NOT TAKE MORE THAN 8-HOURS. THE CONTRACTOR SHALL ALSO NOTIFY AFFECTED PROPERTY OWNERS OF THE PENDING OUTAGE ONE (1) WEEK PRIOR TO THE OUTAGE AND AGAIN ONE (1) DAY PRIOR TO THE OUTAGE.

ANY FIRE HYDRANT LOCATIONS INDICATED ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION BY THE CONTRACTOR. THE CONTRACTOR SHALL REQUEST THE LOCATION FOR FIRE HYDRANT FROM THE OWNER'S REPRESENTATIVE AT LEAST ONE (1) WEEK PRIOR TO THE WORK COMMENCING.

PROTECTION OF EXISTING UTILITIES/STRUCTURES
THE CARE AND PROTECTION OF ALL UTILITIES, PAVEMENT, DRAINAGE STRUCTURES AND OTHER STREET APPURTENANCES IS THE RESPONSIBILITY OF THE CONTRACTOR. IF DAMAGED, LOST IN TRENCH, OR OTHERWISE DISTURBED, THESE ITEMS WILL BE REPAIRED OR REPLACED AT THE CONTRACTORS EXPENSE. WHERE TRENCHING BENEATH EXISTING UTILITY LINES OCCURS, THE CONTRACTOR WILL BE RESPONSIBLE FOR SUPPORTING THE LINE DURING CONSTRUCTION AND ENSURE THAT IT IS ADEQUATELY BACKFILLED AND COMPACTED.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING THE NECESSARY ADJUSTMENTS IN THE COMPACTION EQUIPMENT OR OPERATION FOR COMPACTION REQUIREMENTS SO THAT UNDERGROUND UTILITIES AND PERMANENT STRUCTURES ARE NOT DAMAGED.THE CONTRACTOR SHALL BE RESTRICTED TO A 35 TON (MAXIMUM) NON-VIBRATORY ROLLER FOR COMPACTION IN AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR PERMANENTLY DAMAGE ADJACENT STRUCTURES.

ALL IMPROVEMENTS (INCLUDING FENCES, DITCHES, GUARDRAIL, SIGNS, TRAFFIC CONTROL DEVICES, DRIVEWAYS, LANDSCAPING, ORNAMENTS) THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE RETURNED TO THEIR ORIGINAL CONDITION OR BETTER. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THE EXISTING CONDITIONS OF THE PROJECT SITE THROUGH VIDEO, PHOTOS OR OTHER METHODS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE WATERLINE CONSTRUCTION, AND NO ADDITIONAL PAYMENT SHALL BE MADE THEREFOR.

THE EXISTING 16" WATERLINE IS A HIGH PRESSURE MAIN (200 PSI). CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING NEAR THIS LINE, AND FIELD LOCATE THE LINE AT ANY IMPROVEMENT CROSSING PRIOR TO EXECUTING ANY RELATED WORK

PLAN CHANGES, AS BUILTS, RECORD DRAWINGS
IF THERE IS A CONFLICT BETWEEN THE PLANS, SPECIFICATIONS AND/OR MANUFACTURER'S RECOMMENDATIONS FOR ANY DEVICE, PART, OR MATERIAL USED IN THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER, IN WRITING, FOR CLARIFICATION AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION OF SAID DEVICE, PART, OR MATERIAL.

THE CONTRACTOR SHALL MAINTAIN AN UP-TO-DATE SET OF REDLINE AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS, AT ALL TIMES. THESE PLANS SHALL BE SUBJECT TO REVIEW BY THE ENGINEER THROUGHOUT THE PROJECT AND WILL BE PERIODICALLY REVIEWED BY THE ENGINEER FOR ACCURACY AND COMPLETENESS. PAYMENT MAY BE WITHHELD UNTIL REDLINE AS BUILT PLANS ARE CURRENT. THE CONTRACTOR SHALL PHOTOGRAPH THE CONSTRUCTION AND AREA OF DISTURBANCE ON A DAILY BASIS. THESE PHOTOS, A LOG OF THE DAILY PHOTOS AND TWO (2) SETS OF THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FINAL PAYMENT.

CONSTRUCTION DEBRIS/DISPOSAL
THE CONTRACTOR SHALL PROVIDE AN AREA TO STORE CONSTRUCTION DEBRIS WHERE IT WILL NOT BE A NUISANCE. ALL DEBRIS SHALL BE CONTAINED IN SUCH A MANNER THAT WILL PREVENT SCATTERING. ALL DEBRIS, INCLUDING TREES AND UNDERGROWTH, SHALL BE DISPOSED OF PROPERLY WITHIN A PROPERLY PERMITTED LANDFILL. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED FROM SITE PRIOR TO SUBSTANTIAL COMPLETION.

UNSUITABLE MATERIAL FROM SITE GRADING AND REMOVAL OPERATIONS SHALL BE STOCKPILED AT AN ONSITE LOCATION APPROVED BY THE ENGINEER.

ITEMS DESIGNATED FOR REMOVAL WITHOUT SALVAGE, UNSUITABLE CONSTRUCTION MATERIALS AND DEBRIS FROM CLEARING AND GRUBBING ARE TO BE PLACED IN AN ENVIRONMENTALLY SUITABLE DISPOSAL SITE SECURED AND COORDINATED BY THE CONTRACTOR, WITH THE APPROPRIATE REGULATORY AGENCIES' APPROVAL AND IN ACCORDANCE WITH THE SPECIFICATIONS FOR THIS PROJECT. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, IN WRITING, OF THE DETAILS OF THE DISPOSAL OPERATIONS.

CONTRACTOR IS HEREBY GRANTED SALVAGE RIGHTS TO ANY AND ALL CONSTRUCTION DEBRIS (EXCEPT AS SHOWN IN THE PLANS AND SPECIFICATIONS), PROVIDED THE CONTRACTOR USES SAID DEBRIS IN A LAWFUL MANNER. A LIST OF ITEMS SALVAGED SHALL BE REPORTED IN WRITING TO THE ENGINEER AND THE AUTHORITY PRIOR TO SALVAGE ITEMS LEAVING THE SITE. EQUIPMENT, PUMPS, ETC. SHALL BE SALVAGED BACK TO THE OWNER OR DISPOSED OF AS DIRECTED BY THE OWNER.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE STREETS FREE AND CLEAR OF ANY DEBRIS THAT IS TRACKED TO AND FROM THE SITE.

SITE ACCESS AND PROTECTION
THE CONTRACTOR IS RESPONSIBLE FOR SECURING A LOCATION FOR THE STAGING AND STORAGE OF EQUIPMENT AND SUPPLIES. THE OWNER SHALL NOT BE RESPONSIBLE FOR THE THEFT, LOSS, OR DAMAGE OF ANY CONTRACTOR EQUIPMENT OR SUPPLIES.

THE CONTRACTOR SHALL PROVIDE BARRIERS OR FENCING OR DIRECT OVERSIGHT TO PREVENT UNAUTHORIZED ENTRY TO CONSTRUCTION AREAS AND TO PROTECT EXISTING FACILITIES AND ADJACENT PROPERTIES FROM DAMAGE. ACCESS TO EXISTING FACILITIES ADJACENT TO THE CONSTRUCTION AREA SHALL BE SAFELY MAINTAINED THROUGHOUT CONSTRUCTION UNLESS APPROVED BY THE ENGINEER AND UNLESS PROPER NOTICE HAS BEEN GIVEN TO AFFECTED PARTIES.

ENVIRONMENTAL AND HISTORICAL PRESERVATION
IN THE EVENT THE CONTRACTOR ENCOUNTERS ITEMS OF HISTORICAL IMPORTANCE, THE ENGINEER AND OWNER SHALL BE NOTIFIED IMMEDIATELY AND WORK IN THE AREA SHALL IMMEDIATELY CEASE UNTIL THE SITE CAN BE CLEARED PROPERLY.

SITE RESTORATION
SITE RESTORATION, INCLUDING TEMPORARY EROSION CONTROL PROVISIONS, IS A PREREQUISITE FOR PERIODIC & FINAL PAYMENT.

SITE RESTORATION SEEDING OR PLANTING OF ANY DISTURBED AREAS SHALL FOLLOW NPDES STANDARDS. TOPSOIL EXCAVATION FROM THE SITE SHALL BE FREE OF WEEDS.

CONSTRUCTION REQUIREMENTS
OTHER CONSTRUCTION PROJECTS MAY BE OCCURRING DURING THE CONSTRUCTION OF THIS PROJECT.

ALL FILL MATERIAL SHALL MEET THE REQUIREMENTS OF THE NMDOT SPECIFICATIONS. THE FILL SHALL BE COMPACTED PER THE NMDOT SPECIFICATIONS. ALL FILL SLOPES SHALL BE GRADED TO 3:1 MAX., AND ALL CUT SLOPES SHALL BE AT 3:1 MAX., UNLESS NOTED OTHERWISE. ALL BEDDING MATERIAL SHALL BE GRANULAR AND FREE-DRAINING, HAVE A MAXIMUM GRAIN SIZE THAT DOES NOT EXCEED 1/2 INCH, AND BE ACCEPTABLE TO THE ENGINEER. CONTRACTOR SHALL SUBMIT THE PROPOSED BEDDING AND BACKFILL MATERIAL TO THE ENGINEER FOR REVIEW, WHICH SHALL INCLUDE AT A MINIMUM, THE SOURCE, THE GRADATION, THE PROCTOR, AND THE ATTERBERG LIMITS.

SWPPP
A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED FOR THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ITS PREPARATION, APPROVAL, AND IMPLEMENTATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THERE WILL BE NO BID ITEM INCLUDED RELATED TO THE WATERLINE AND NO ADDITIONAL PAYMENT MADE FOR THE PREPARATION AND IMPLEMENTATION OF A SWPPP. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO OTHER WORK.

THE CONTRACTOR IS REQUIRED TO PROVIDE DUST AND EROSION CONTROL PROTECTION, AS A PART OF GRADING WORK, THROUGHOUT CONSTRUCTION IN ACCORDANCE W/ NPDES BEST MANAGEMENT PRACTICES AND PER THE PROJECT STORM WATER POLLUTION PREVENTION PLAN, IF APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN THE NECESSARY SITE EROSION CONTROL DEVICES FOR INHIBITING DUST, WIND, AND AIR SEDIMENT MOVEMENT OFFSITE THROUGHOUT CONSTRUCTION.

CONSTRUCTION STANDARDS
THE CONSTRUCTION OF THE PROJECT WILL BE GOVERNED BY THE FOLLOWING SPECIFICATIONS AND GUIDELINES COPIES OF WHICH SHALL BE KEPT AT THE CONSTRUCTION SITE BY THE CONTRACTOR AT ALL TIMES.

A. THE NEW MEXICO STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, 2019 EDITION.
B. THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2006 EDITION.
C. WHERE NOT COVERED BY LOCAL ORDINANCE, THE "INTERNATIONAL BUILDING CODE" 2006 EDITION (IBC) FOR APPLICABLE WORK.
D. "OCCUPATIONAL SAFETY HEALTH ADMINISTRATION" REGULATIONS FOR TRENCHING, SHORING & EXCAVATION.
E. SUPPLEMENTAL TECHNICAL SPECIFICATIONS.

ANY CONFLICT BETWEEN THE REQUIREMENTS OF THE SPECIFICATIONS SHALL BE RESOLVED BY THE ENGINEER. IN GENERAL, THE MORE STRINGENT SPECIFICATION SHALL GOVERN. THE CONTRACTOR SHALL PROVIDE A COPY OF THE NMSSPWC TO THE FIELD REPRESENTATIVE OF THE ENGINEER AT THE BEGINNING OF THE PROJECT.

SPECIAL PROVISIONS TO NMDOT STANDARDS
ITEM 662-MANHOLES: MANHOLES RING & COVERS SHALL BE EJ, PRODUCT NA.00120203, 24-INCH CL-35 GREY IRON. ASTM A48, MANUFACTURED IN THE USA.

THE CONTRACTOR SHALL CONSTRUCT THE WATER SYSTEM SERVICE RECONNECTIONS ACCORDING TO NEW MEXICO DRINKING WATER BUREAU STANDARDS, "NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (NMSSPWC) 2006 EDITION, &

ALL COMPONENTS, MATERIALS AND TREATMENT CHEMICALS THAT COME INTO CONTACT WITH DRINKING WATER SHALL BE CERTIFIED FOR CONFORMANCE TO ANSI/NSF STANDARD 60 OR 61, AS APPLICABLE.

ALL COMPONENTS AND MATERIALS USED FOR THE WATERLINE SERVICES CONSTRUCTION SHALL BE ON THE SANTE FE COUNTY APPROVED PRODUCTS LISTS. SUBSTITUTIONS WILL ONLY BE CONSIDERED IF A PRODUCT BECOMES UNAVAILABLE.

CONSTRUCTION LIMITS
THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE CONSTRUCTION LIMITS OF THE PROJECT AND SHALL IN NO WAY ENCROACH ONTO ADJACENT PROPERTIES UNLESS LEGAL EASEMENTS ARE PROVIDED OR SECURED BY THE CONTRACTOR. ALL FILL AND CUT SLOPES FOR STRUCTURES SHALL BE SET BACK FROM THE PROPERTY LINE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY AGREEMENTS NECESSARY OR DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO PUBLIC OR PRIVATE PROPERTY, INCLUDING UTILITIES.

THE LIMITS OF CONSTRUCTION AND LOCATIONS OF THE CONTRACTORS STAGING AREAS SHALL BE IDENTIFIED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE LIMITS OF CONSTRUCTION SHALL BE CLEARLY DELINEATED AND SHALL BE THE MINIMUM REQUIRED TO MAINTAIN ALL WORKERS IN A SAFE CONDITION, TO PROVIDE ACCESS, AND TO MEET O.S.H.A. REGULATIONS.

SAFETY
THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING AND CLEANUP OF SPILLS ASSOCIATED WITH PROJECT CONSTRUCTION AND SHALL REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AND CORROSIVE SUBSTANCES, AND OTHER MATERIALS WHICH MAY BE A THREAT TO PUBLIC HEALTH OR THE ENVIRONMENT. REPORTS SHALL BE MADE IMMEDIATELY TO THE NEW MEXICO ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE TEAM AT (505) 827-4308 OR (505) 470-3657, THE NATIONAL RESPONSE TEAM AT 1-800-424-8802 AND TO THE ENGINEER.

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY, AND FOR KNOWLEDGE AND COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS. THE CONTRACTOR SHALL MAINTAIN ALL TRENCHES IN A SAFE CONDITION PROTECTING THE WORKERS AND THE GENERAL PUBLIC. TRENCH PROTECTION SHALL BE IN ACCORDANCE WITH APPLICABLE O.S.H.A. REGULATIONS. EXCAVATIONS SHALL BE SLOPED, BRACED, OR SHORED AS REQUIRED BY O.S.H.A. REGULATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SAFE HANDLING OF CONSTRUCTION EQUIPMENT AND MATERIALS TO AND FROM THE STAGING/STORAGE AREA AND FOR SITE SECURITY. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND NO ADDITIONAL COMPENSATION SHALL BE MADE THEREFOR.

THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN 30' FROM THE EDGE OF THE DRIVING LANE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE ENGINEER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN, SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.

DURING CONSTRUCTION, ALL ACCESS ROADS SHALL BE SERVICEABLE AND MAINTAINED FOR FIRE PROTECTION AND EMERGENCY VEHICLE ACCESS.

SURVEY
CONTRACTOR WILL BE RESPONSIBLE FOR CONSTRUCTION STAKING NECESSARY TO CONSTRUCT THE PROJECT. THE ENGINEER WILL SUPPLY CONTRACTOR WITH INFORMATION RELATED TO PROJECT COORDINATES AND CONTROL.THE CONSTRUCTION STAKING SHALL BE COMPLETED UNDER THE SUPERVISION OF A LICENSED SURVEYOR. THE CONSTRUCTION SURVEYOR SHALL VERIFY THE PROJECT CONTROL, THE EXISTING AND PROPOSED GRADES, EXISTING AND PROPOSED BUILDING FOOTPRINTS, SETBACKS AND TOPOGRAPHY PRIOR TO CONSTRUCTION.

ANY CONTROL POINTS DISTURBED BY THE CONTRACTOR WILL BE REPLACED BY THE ENGINEER AT THE CONTRACTORS EXPENSE, UNLESS SUCH CONTROL POINTS MUST BE DISTURBED TO COMPLETE THE WORK IN WHICH CASE THE CONTRACTORS SURVEYORS SHALL ESTABLISH ALTERNATE CONTROL POINTS NEARBY AND SUBMIT SUCH SURVEYORS DATA TO THE CONTRACTOR AND ENGINEER.

MATERIALS STORAGE & STAGING
THE CONTRACTOR SHALL ARRANGE FOR MATERIALS STORAGE AND EQUIPMENT STAGING OUTSIDE OF THE PROJECT RIGHT-OF-WAY. THE COUNTY WILL NOT BE RESPONSIBLE FOR RELATED SITE SECURITY, AND THERE WILL BE NO SEPARATE PAYMENT FOR MATERIALS STORAGE & STAGING. CONTRACTORS MATERIALS STORAGE & STAGING SITE SHALL NOT BE CONTAMINATED OR OTHERWISE DAMAGED DURING USE, AND WILL BE RESTORED TO A CONDITION ACCEPTABLE TO THE PROPERTY OWNER AS PART OF DEMOBILIZATION.

CONTRACTOR SHALL STOCKPILE ROADWAY FILL MATERIALS AT THE STORAGE & STAGING AREA AS NEEDED, AND PROTECT AGAINST EROSION AND SILT RUNOFF.

SLOPE AND EROSION PROTECTION STRUCTURES
SLOP STABILIZATION, CULVERT DISCHARGE GABIONS, AND DITCH CHECK DAMS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 602 UNLESS OTHERWISE APPROVED BY THE COUNTY. CULVERT DISCHARGE SHALL BE WIRE ENCLOSED CLASS C STONE.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

GENERAL AND SUPPLEMENTAL NOTES

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 16 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\dwg\Engineer\124005-General Notes.dwg PLOTTED:05/28/2025 10:02 AM

# ESTIMATE OF QUANTITIES

| ITEM NO | ITEM | UNIT | ROADWAY | | MINOR STRUCTURES | | CONSTRUCTION SIGNING | | PERMANENT SIGNING | | CONSTRUCTION ENGINEERING | | LIGHTING | | PROJECT TOTALS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | EST | FINAL | EST | FINAL | EST | FINAL | EST | FINAL | EST | FINAL | EST | FINAL | EST | FINAL |
| 201000 | CLEARING AND GRUBBING | L.S. | 1.0 | | | | | | | | | | | | 1.0 | |
| 203000 | UNCLASSIFIED EXCAVATION | C.Y. | 20,793.0 | | | | | | | | | | | | 20,793.0 | |
| 203010 | STRUCTURAL EXCAVATION (RETAINING WALL SLOPE) | C.Y. | 2,115.0 | | | | | | | | | | | | 2,115.0 | |
| 203020 | EMBANKMENT | C.Y. | 6,280.0 | | | | | | | | | | | | 6,280.0 | |
| 207000 | SUBGRADE PREPARATION | S Y | 39,353.0 | | | | | | | | | | | | 39,353.0 | |
| 210010 | SELECT BACKFILL (RETAINING WALL SLOPE) | C.Y. | 2,115.0 | | | | | | | | | | | | 2,115.0 | |
| 303160 | BASE COURSE 6" | S.Y. | 32,057.0 | | | | | | | | | | | | 32,057.0 | |
| 407000 | ASPHALT MATERIAL FOR TACK COAT | TON | 10.0 | | | | | | | | | | | | 10.0 | |
| 408100 | PRIME COAT MATERIAL | TON | 103.0 | | | | | | | | | | | | 103.0 | |
| 414100 | COLD MILLING (ASPHALT) (2 5") | S.Y. | 7,781.0 | | | | | | | | | | | | 7,781.0 | |
| 423283 | HMA SP IV COMPLETE | TON | 7,846.0 | | | | | | | | | | | | 7,846.0 | |
| 502030 | DRILLED SHAFT FOUNDATION 30" DIAMETER | L.F. | | | | | | | | | | | 90.0 | | 90.0 | |
| 511000 | STRUCTURAL CONCRETE, CLASS A (CONCRETE BLANKET W/O SAFETY GRATE) | C.Y. | | | 8.8 | | | | | | | | | | 8.8 | |
| 511010 | STRUCTURAL CONCRETE, CLASS A (WATER LINE CAP) | C.Y. | 130.0 | | | | | | | | | | | | 130.0 | |
| 511020 | STRUCTURAL CONCRETE, CLASS A (SIDEWALK DRAIN COMPLETE) | C.Y. | | | 2.5 | | | | | | | | | | 2.5 | |
| 511025 | STRUCTURAL CONCRETE, CLASS A (DOUBLE SIDEWALK DRAIN COMPLETE) | C.Y. | | | 0.7 | | | | | | | | | | 0.7 | |
| 511030 | STRUCTURAL CONCRETE, CLASS AA (CULVERT HEADWALLS) | C.Y. | | | 48.2 | | | | | | | | | | 48.2 | |
| 517000 | PRECAST CONCRETE STRUCTURE (1.5 FT x 6 FT CULVERT) | L.F. | | | | | | | | | | | | | 16.0 | |
| 540060 | REINFORCING BARS GRADE 60 | LBS. | 2,900.0 | | 3,813.0 | | | | | | | | | | 6,713.0 | |
| 570018 | CULVERT PIPE 18" CMP | L.F. | | | 186.41 | | | | | | | | | | 186.41 | |
| 570024 | CULVERT PIPE 24" CMP | L.F. | | | 418.90 | | | | | | | | | | 418.90 | |
| 570036 | CULVERT PIPE 36" CMP | L.F. | | | 69.61 | | | | | | | | | | 69.61 | |
| 570162 | CULVERT PIPE ARCH 42"X29" CMP | L F | | | 281.28 | | | | | | | | | | 281.28 | |
| 570437 | STORM DRAIN CULVERT PIPE 24" CMP | L.F. | | | 820.14 | | | | | | | | | | 820.14 | |
| 601000 | REMOVAL OF STRUCTURES AND OBSTRUCTIONS | L S | 1.0 | | | | | | | | | | | | 1.0 | |
| 601110 | REMOVAL OF SURFACING | S.Y. | 7,231.0 | | | | | | | | | | | | 7,231.0 | |
| 601900 | REMOVAL OF FENCING | L.F. | 1,222.0 | | | | | | | | | | | | 1,222.0 | |
| 602000 | RIPRAP CLASS A | C.Y. | | | 348.5 | | | | | | | | | | 348.5 | |
| 602010 | RIPRAP CLASS B | C.Y. | | | 3.7 | | | | | | | | | | 3.7 | |
| 602020 | RIPRAP CLASS C | C.Y. | | | 44.4 | | | | | | | | | | 44.4 | |
| 603100 | TEMPORARY SOIL STABILANT | ACRE | 14.6 | | | | | | | | | | | | 14.6 | |
| 603221 | CHECK DAM TYPE II | L.F. | 4,660.0 | | | | | | | | | | | | 4,660.0 | |
| 603262 | COMPOSTED MULCH SOCKS | L.F. | 5,958.0 | | | | | | | | | | | | 5,958.0 | |
| 603300 | DROP INLET PROTECTION TYPE I | EACH | 8.0 | | | | | | | | | | | | 8.0 | |
| 603400 | CULVERT PROTECTION | S Y | 400.0 | | | | | | | | | | | | 400.0 | |
| 603600 | SWPPP PLAN PREPARATION AND MAINTENANCE | L.S. | 1.0 | | | | | | | | | | | | 1.0 | |
| 604310 | GEOGRID BASE REINFORCEMENT | S Y | 32,057.0 | | | | | | | | | | | | 32,057.0 | |
| 607004 | BARBED WIRE FENCE 4' | L.F. | 11,300.0 | | | | | | | | | | | | 11,300.0 | |
| 608004 | CONCRETE SIDEWALK 4" | S.Y. | 5,158.0 | | | | | | | | | | | | 5,158.0 | |
| 608106 | DRIVE PAD 6" | S Y | 1,434.0 | | | | | | | | | | | | 1,434.0 | |
| 608304 | CONCRETE MEDIAN PAVEMENT 6" | S.Y. | 308.0 | | | | | | | | | | | | 308.0 | |
| 609324 | CONCRETE SLOPED CURB AND GUTTER TYPE A 6"X24" | L.F. | 636.0 | | | | | | | | | | | | 636.0 | |
| 609424 | CONCRETE VERTICAL CURB AND GUTTER TYPE B 6"X24" | L.F. | 8,941.0 | | | | | | | | | | | | 8,941.0 | |
| 618000 | TRAFFIC CONTROL MANAGEMENT | L S | | | | 1.0 | | | | | | | | | 1.0 | |
| 618010 | TRAFFIC CONTROL PLANS BY NEW MEXICO P.E. (ALL PHASES) | L.S. | | | | 1.0 | | | | | | | | | 1.0 | |
| 621000 | MOBILIZATION | L S | 1.0 | | | | | | | | | | | | 1.0 | |
| 623010 | MEDIAN DROP INLET TYPE I (URBAN)(H=3') | EACH | | | 8.0 | | | | | | | | | | 8.0 | |
| 632000 | CLASS A SEEDING | ACRE | 5.2 | | | | | | | | | | | | 5.2 | |
| 632020 | CLASS C SEEDING | ACRE | 1.3 | | | | | | | | | | | | 1.3 | |
| 662000 | MANHOLE TYPE C-6' DIAMETER 6' TO 10' DEPTH | EACH | | | 2.0 | | | | | | | | | | 2.0 | |
| 667110 | MAIL BOX INSTALLATION-SINGLE | EACH | 14.0 | | | | | | | | | | | | 14.0 | |
| 667210 | MAIL BOX INSTALLATION-DOUBLE | EACH | 2.0 | | | | | | | | | | | | 2.0 | |
| 701000 | PANEL SIGNS | S.F. | | | | | 544.0 | | | | | | | | 544.0 | |
| 701030 | REMOVE PANEL SIGN | EACH | | | | | 14.0 | | | | | | | | 14.0 | |
| 701100 | STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS | L.F. | | | | | 1,391.5 | | | | | | | | 1,391.5 | |
| 702030 | TRAFFIC CONTROL DEVICES FOR CONSTRUCTION | L.S. | | | | 1.0 | | | | | | | | | 1.0 | |
| 702238 | BARRICADE TYPE III - 8' | EACH | | | | 10.0 | | | | | | | | | 10.0 | |
| 702610 | PORTABLE CHANGEABLE MESSAGE SIGN | EACH | | | | 3.0 | | | | | | | | | 3.0 | |
| 703002 | OBJECT MARKER TYPE 2 | EACH | 29.0 | | | | | | | | | | | | 29.0 | |
| 704000 | RETROREFLECTORIZED PAINTED MARKINGS 4" | L.F. | 27,280.0 | | | | | | | | | | | | 27,280.0 | |
| 704002 | RETROREFLECTORIZED PAINTED MARKINGS 6" | L.F. | 12,965.0 | | | | | | | | | | | | 12,965.0 | |
| 704004 | RETROREFLECTORIZED PAINTED MARKINGS 12" | L.F. | 116.0 | | | | | | | | | | | | 116.0 | |
| 704006 | RETROREFLECTORIZED PAINTED MARKINGS 18" | L.F. | 10.0 | | | | | | | | | | | | 10.0 | |
| 704005 | RETROREFLECTORIZED PAINTED MARKINGS 24" | L F | 162.0 | | | | | | | | | | | | 162.0 | |
| 704715 | HOT THERMOPLASTIC PAVEMENT MARKING COMBINATION (THRU & RT/LT) ARROW | EACH | 8.0 | | | | | | | | | | | | 8.0 | |
| 704717 | HOT THERMOPLASTIC PAVEMENT MARKING RIGHT ARROW | EACH | 1.0 | | | | | | | | | | | | 1.0 | |
| 704718 | HOT THERMOPLASTIC PAVEMENT MARKING LEFT ARROW | EACH | 4.0 | | | | | | | | | | | | 4.0 | |
| 704719 | HOT THERMOPLASTIC PAVEMENT MARKING THRU ARROW | EACH | 3.0 | | | | | | | | | | | | 3.0 | |
| 704720 | HOT THERMOPLASTIC PAVEMENT MARKING WORD (ONLY) | EACH | 2.0 | | | | | | | | | | | | 2.0 | |
| 704728 | RETROREFLECTORIZED PAINTED MARKINGS YIELD LINE | L F | 90.0 | | | | | | | | | | | | 90.0 | |
| 704729 | HOT THERMOPLASTIC PAVEMENT MARKING FISH HOOK | EACH | 6.0 | | | | | | | | | | | | 6.0 | |
| 704732 | HOT THERMOPLASTIC PAVEMENT MARKING BIKE SYMBOL (BIKEWAY) | EACH | 21.0 | | | | | | | | | | | | 21.0 | |
| 716000 | SOLAR POWERED LUMINAIRE | EACH | | | | | | | | | | | 15.0 | | 15.0 | |
| 750025 | COMMUNICATIONS CONDUIT (3-1 1/4") | L.F. | 9,920.0 | | | | | | | | | | | | 9,920.0 | |
| 750060 | ITS PULLBOX | EACH | 38.0 | | | | | | | | | | | | 38.0 | |
| 801000 | CONSTRUCTION STAKING BY THE CONTRACTOR | L.S. | | | | | | | | | 1.0 | | | | 1.0 | |
| 802000 | POST CONSTRUCTION PLANS | L.S. | | | | | | | | | 1.0 | | | | 1.0 | |
| SS 9000 | PRECAST MODULAR BLOCK GRAVITY RETAINING WALL (REDIROCK) | S.F. | 7,384.0 | | | | | | | | | | | | 7,384.0 | |
| SS 9001 | FLASHING LED STOP SIGN SOLAR POWERED | EACH | | | | | 2.0 | | | | | | | | 2.0 | |

**ROADWAY EARTHWORK SUMMARY:**

TOTAL EXCAVATION: 20,793 CY
TOTAL FILL: 18,390 CY ( I )

( I ) NO SHRINK FACTOR APPLIED. PHASE 1 EARTHWORK BALANCE REQUIRES ± 6,300 CY OF IMPORTED EMBANKMENT PRIOR TO COMMENCING PHASE 2. APPROXIMATELY 6000 CY OF SPOIL MATERIAL WILL BE GENERATED DURING PHASE 2 - TO BE DISPOSED OF BY CONTRACTOR OFF-SITE IN ACCORDANCE WITH ALL RULES AND REGULATIONS (NSPI).

**RETAINING WALL SLOPE EXCAVATION.**

APPROXIMATELY 2100 CY OF BACKSLOPE EXCAVATION SPOIL MATERIAL WILL BE GENERATED DURING RETAINING WALLS CONSTRUCTION. TO BE DISPOSED OF BY CONTRACTOR OFF-SITE IN ACCORDANCE WITH ALL RULES AND REGULATIONS (NSPI).

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

ESTIMATE OF QUANTITIES

| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
|---|---|---|---|
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 17 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Estimate of Qntys.dwg PLOTTED: 05/29/2025 9:13 AM

| DRAWING # | STANDARD DRAWING TITLE |
|---|---|
| 203-01-1/1 | Miscellaneous Drainage Standard Ditch and Dyke Contour Ditch and Irrigation Ditch |
| 206-03-1/1 | Max. and Min. Cover - Steel - Round Pipes, Helical Corrugated Metal, and Structural Plates |
| 206-04-1/3 | |
| 206-04-2/3 | Max. and Min. Cover - Steel Round Pipes, Corrugated Metal, and Structural Plates |
| 206-04-3/3 | Max. and Min. Cover - Steel Round Pipes, Corrugated Metal, and Structural Plates |
| 206-07-1/1 | Corrugated Metal Culvert and Pipe Arches Bedding and Backfill Details |
| 210-01-1/1 | Excavation and Backfill for Bridges, Walls and CBCs |
| 450-01-1/2 | PCCP Joint Details |
| 450-01-2/2 | PCCP Joint Details |
| 511-03-1/2 | Pipe Culvert Headwalls |
| 511-03-2/2 | Pipe Culvert Headwalls |
| 511-04-1/2 | Pipe Arch Culvert Headwalls |
| 511-04-2/2 | Pipe Arch Culvert Headwalls |
| 511-11-1/2 | Single Metal Pipe Concrete Blanket Without Safety Grate (Normal & 5 - 35 Skew) |
| 511-11-2/2 | Single Metal Pipe Concrete Blanket Without Safety Grate (Normal & 5 - 35 Skew) |
| 511-12-1/2 | Multiple Metal Pipe Concrete Blanket Without Safety Grate (Normal & 5 - 35 Skew) |
| 511-12-2/2 | Multiple Metal Pipe Concrete Blanket Without Safety Grate (Normal & 5 - 35 Skew) |
| 515-02-1/2 | Rundown Flume Type I for Modified or Pinned Curb with Half Pipe Rundown |
| 515-02-2/2 | Alternate Rundown for Rundown Flumes Type I, II, and III Full Pipe, Concrete and Riprap |
| 515-04-1/3 | Rundown Options for Rundown Flume Type I, Type II, Type III |
| 515-04-2/3 | Rundown Options for Rundown Flume Type I, Type II, Type III |
| 515-04-3/3 | Estimated Quantities for Rundown Flumes |
| 515-05-2/4 | Drop Inlet w/ Full Pipe Rundown Type I for Roadside Ditch |
| 516-01-1/2 | Flowable Fill for Culverts |
| 516-01-2/2 | Flowable Fill for Culverts (Details of Collar and Plug) |
| 602-01-1/1 | Wire Enclose Riprap Class A |
| 602-02-1/1 | Erosion Control at Culvert Outlets |
| 603-01-1/7 | Temporary Erosion and Sediment Control Measures |
| 603-01-2/7 | Temporary Erosion and Sediment Control Measures Check Dams |
| 603-01-4/7 | Temporary Erosion and Sediment Control Measures Culvert and Drop Inlet Protection |
| 607-01-1/4 | Barbed Wire and Woven Wire Fence Placement |
| 607-01-2/4 | Barbed Wire and Woven Wire Fence Placement |
| 607-01-3/4 | Barbed Wire and Woven Wire Fence Placement |
| 607-01-4/4 | Barbed Wire and Woven Wire Fence Placement |
| 607-20-1/4 | Pedestrian Railing Without Handrail |
| 607-20-2/4 | Pedestrian Railing With Handrail |
| 607-20-3/4 | Pedestrian Railing Foundation Details |
| 607-20-4/4 | Pedestrian Handrail Template for Rail Bracket |
| 608-001-2 | Perpendicular Curb Ramps |
| 608-001-3 | Parellel Curb Ramps |
| 608-001-4 | Diagonal Curb Ramps |
| 608-001-5 | Combination Curb Ramps |
| 608-001-6 | Pedestrian Refuge Island |
| 608-001-7 | Curb Ramp and Sidewalk Transition Details |
| 608-001-8 | Detectable Warning Surface |
| 608-001-9 | Driveway Aprons |
| 608-001-10 | Driveway Aprons |
| 609-01-1/1 | Sidewalk Curb Gutter |
| 623-01-1/1 | Median Drop Inlet Junction Box, Grates, Notes, and Quantities |
| 623-02-1/1 | Median Drop Inlet Detail and Quantities Type I and Type II |
| 623-03-1/1 | Median Drop Inlet Detail and Quantities Type III |
| 623-04-1/1 | Median Drop Inlet Valley Type Modification Details Type I, Type II, Type III |
| 623-05-1/1 | Median Drop Inlet 10-0" x 5'-0" Details and Quantities |
| 623-06-1/1 | Median Drop Inlet 5-0" x 5'-0" Details and Quantities |
| 662-01-1/3 | Precast Concrete Manhole Type "C" for Storm Drains |
| 662-01-2/3 | Precast Concrete Manhole Type "E" for Storm Drains |
| 662-01-3/3 | Precast Concrete Manhole Frame, Lid Details and Step Details |
| 667-01-1/2 | Mailboxed and Style Posts, Miscellaneuos Details |
| 667-01-2/2 | Mailbox Installation Details |
| 701-02-1/3 | Small Sign Support Installation Details |
| 701-02-2/3 | Small Sign Support Installation Details |
| 701-02-3/3 | Multi-Directional Slip Base Post Details |
| 701-03-1/2 | Aluminum Sign Panel Details |
| 701-03-2/2 | Aluminum Panel Sign Details |
| 701-15-1/2 | Miscellaneous Sign Face Details |
| 701-15-2/2 | Miscellaneous Sign Face Details |
| 702-01-1/5 | Traffic Control General Notes |
| 702-01-2/5 | Traffic Control General Notes |
| 702-01-3/5 | Construction and Maintenance Sign Face Details |
| 702-01-4/5 | Channelizaton Devices for Construction, Maintenance, Utility and Incident Management Operations |
| 702-01-5/5 | Temporary Traffic Markings for Construction |
| 702-02-1/1 | Temporary Traffic Markings for Construction |
| 703-01-1/3 | Road Object Marker Details |
| 703-01-2/3 | Road Delineators - Guide Details |
| 703-01-3/3 | Delineators & Object Markers |
| 704-03-1/2 | Pavement Markings and Messages |
| 704-03-2/2 | Pavement Markings and Messages |
| 710S-01-1/1 | Pull Box Details |
| 710S-02-1/1 | Traffic Manhole Details |
| 750-01-1/2 | Typical Conduit Trench and Installation Details (ITS) |
| 750-01-2/2 | Conduit Expansion Coupling and Two Hole Clamp |
| 750-02-1/1 | ITS Pull Box Installation Detail |
| 801-01-1/4 | Methods for Developing Superelevated Roadway Sections |
| 801-01-2/4 | Methods for Developing Superelevated Roadway Sections |
| 801-01-3/4 | Methods for Developing Superelevated Roadway Sections |
| 801-01-4/4 | Methods for Developing Superelevated Roadway Sections |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |
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CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

LIST OF STANDARDS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 18 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Index of Standard Serial Drawings.dwg PLOTTED: 05/28/2025 10:02 AM

**NOTE:**
THIS SHEET IS PROVIDED ONLY FOR "SEQUENCE OF WORK" GUIDANCE TO THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN (TCP) FOR CURSORY REVIEW TO THE SANTA FE COUNTY PROJECT MANAGER, A MINIMUM OF 72 HOURS IN ADVANCE OF ANY ACTIVITIES AFFECTING ROADWAY TRAFFIC. THE TCP AND ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES REQUIREMENTS. THE TCP SHALL BE GENERATED BY A LICENSED PROFESSIONAL ENGINEER TO CERTIFY THAT THE PLAN IS COMPLIANT WITH ALL GOVERNING REGULATIONS AND LAWS. THE CONTRACTOR'S TCP MUST GENERALLY REFLECT THE SUGGESTED WORK SEQUENCE. SANTA FE COUNTY ASSUMES NO LIABILITY FOR CONTRACTOR FAILURE TO IMPLEMENT AND MAINTAIN PROVISIONS WITHIN THE APPROVED TCP. THE CONTRACTOR SHALL REFER TO THE PROJECT PHASING PLAN PRESENTED IN THE CONTRACT DRAWINGS.

## SUGGESTED SEQUENCE OF CONSTRUCTION: (1)

**PRIOR TO CONSTRUCTION:**

ALL ADVANCED CONSTRUCTION SIGNING SHALL BE IN PLACE PRIOR TO CONSTRUCTION COMMENCING IN EACH PHASE.

THROUGHOUT THE DURATION OF THE PROJECT, ACCESS TO ALL PROPERTIES SHALL BE PROVIDED AT ALL TIMES. INGRESS/EGRESS TO THOSE PROPERTIES SHALL BE ACCOMODATED AND COORDINATED BY THE CONTRACTOR.

**PHASE I:**

CONSTRUCT THE PROPOSED SECTION OF AVENIDA DEL SUR FROM STATION 69+30 +/- TO STATION 102+51 +/-. THE CONSTRUCTION ZONE INCLUDES NEW LOCATION ROADWAY AND TWO ROUNDABOUTS. THE PROPOSED ROUNDABOUT AT THE INTERSECTION OF AVENIDA DEL SUR AND A VAN U PO WILL BE CONSTRUCTED WITH AVENIDA DEL SUR CLOSED TO THROUGH TRAFFIC JUST WEST OF CANADA DEL RANCHO AND A VAN U PO CLOSED TO THROUGH TRAFFIC JUST WEST OF THE ENTRANCE TO THE ADVENT LIFE CHURCH. UTILIZE PORTABLE CHANGEABLE MESSAGE BOARDS TWO WEEKS IN ADVANCE OF THE START OF THE CLOSURE TO NOTIFY COMMUTERS. ACCESS TO THE PROPERTIES WITHIN THE CONSTRUCTION ZONE SHALL BE PROVIDED DURING CONSTRUCTION. THE PROPOSED CONSTRUCTION INCLUDES EARTHWORK, PAVEMENT (FLEXIBLE BASE & ASPHALT), CONCRETE SIDEWALK, DRIVEWAYS, GRADING, DRAINAGE STRUCTURES, SWPPP BMPS, SEEDING, UTILITY RELOCATIONS (BY OTHERS PRIOR TO CONSTRUCTION), BROADBAND CONDUIT, FENCING, SIGNING, AND SOLAR LIGHTING AT THE ROUNDABOUTS. ROUNDABOUTS AND THE SECTIONS OF AVENIDA DEL SUR AND A VAN U PO EAST AND SOUTH OF THE INTERSECTION WILL BE COMPLETED TO FINAL ASPHALT GRADE WHILE THE REST OF THE ROADWAY WILL BE SURFACED WITH THE FINAL COURSE LIFT OF ASPHALT DURING PHASE IV. ONCE PHASE I IS COMPLETE, WEST BOUND AVENIDA DEL SUR, WEST OF THE ROUNDABOUT WILL BE CLOSED TO TRAFFIC PENDING COMPLETION OF REMAINING PHASES. EXISTING GAS, ELECTRIC, AND TELECOM UTILITIES TO BE RELOCATED BY OTHERS PRIOR TO ROADWAY CONSTRUCTION. CONTRACTOR WILL INSTALL NEW FIBER OPTICS CONDUITS/PULLBOXES WHERE SHOWN.

**PHASE II:**

CONSTRUCT THE PROPOSED RECONSTRUCTION OF AVENIDA DEL SUR FROM STA. 22+00 +/- TO STA. 69+30 +/-. ACCESS TO ALL PROPERTIES WITHIN THE PHASE II CONSTRUCTION ZONE SHALL BE PROVIDED AT ALL TIMES. INGRESS/EGRESS TO THOSE PROPERTIES SHALL BE ACCOMODATED AND COORDINATED BY THE CONTRACTOR. AN ALTERNATE BYPASS ROUTE TO AVOID SOME OF THE PROPOSED CONSTRUCTION IS TO USE CALLE DE LOS CERROS AND CAM BAJO. THE EAST BOUND LANE OF THE COMPLETED PHASE I WILL BE OPEN FOR COMMUTERS AS AN ALTERNATE ROUTE TO EXIT THE CONSTRUCTION AREA. WEST BOUND TRAFFIC ON COMPLETED PHASE I WILL BE CLOSED TO TRAFFIC TO AVOID ALLOWING ADDITIONAL TRAFFIC INTO THE CONSTRUCTION ZONE. THE PROPOSED CONSTRUCTION INCLUDES EARTHWORK, PAVEMENT (FLEXIBLE BASE & ASPHALT), CONCRETE SIDEWALK, DRIVEWAYS, GRADING, DRAINAGE STRUCTURES, SWPPP BMPS, SEEDING, UTILITY RELOCATIONS (POSSIBLE WATER AND GAS), BROADBAND CONDUIT, FENCING, SIGNING, AND MAILBOXES. THE FINAL LIFT OF ASPHALT FOR PHASE II WILL BE CONSTRUCTED WITH PHASE IV.

## PHASE III:

MILL EXISTING ASPHALT SURFACE ON AVENIDA DEL SUR FROM STATE HIGHWAY 14 (STA. 2+38 +/-) AND THE BEGINNING OF PHASE II (STA. 22+00 +/-). IN ORDER TO MILL THE DIVIDED SECTION AT THE INTERSECTION OF STATE HIGHWAY 14, AVENIDA DEL SUR WILL NEED TO BE TEMPORARILY CLOSED BETWEEN THE INTERSECTION (STA. 2+38 +/-) AND VISTA DEL ARROYO (STA. 15+00 +/-). COMMUTERS WILL TEMPORARILY USE VISTA DEL ARROYO TO ACCESS STATE HIGHWAY 14 DURING THIS OPERATION. ACCESS TO THE ALLSUPS WILL BE LIMITED TO THE ACCESS OFF OF STATE HIGHWAY 14 DURING THIS TIME. ONCE THE MILLING IS COMPLETE FOR THIS AREA, THE ROADWAY WILL BE REOPENED AND THE MILLING OPERATION WILL CONTINUE FOR THE REMAINING PORTION OF PHASE III, STA. 15+00 +/- TO STA. 22+00 +/-. ACCESS TO VISTA DEL MONTE WITHIN THE PHASE III CONSTRUCTION ZONE SHALL BE PROVIDED AT ALL TIMES. INGRESS/EGRESS TO THOSE PROPERTIES SHALL BE ACCOMODATED AND COORDINATED BY THE CONTRACTOR. AN ALTERNATE ROUTE TO AVOID THE MILLING OPERATIONS AND ACCESS STATE HIGHWAY 14 WILL BE PROVIDED ALONG CALLE DE LOS CERROS AND CAM BAJO.

## PHASE IV:

CONSTRUCT FINAL ASPHALT OVERLAY SURFACE AND STRIPING ALONG ENTIRE PROJECT LENGTH (PHASES I-III) WHILE MAINTAINING EXISTING COMMUTER TRAFFIC. OVERLAY AND STRIPING OPERATIONS SHALL FOLLOW THE MUTCD.

## NOTE:

(1) CONTRACTOR MAY PROPOSE AN ALTERNATE SEQUENCE OF CONSTRUCTION WITH APPROVAL FROM THE ENGINEER AND COUNTY.

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP1
4/7/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

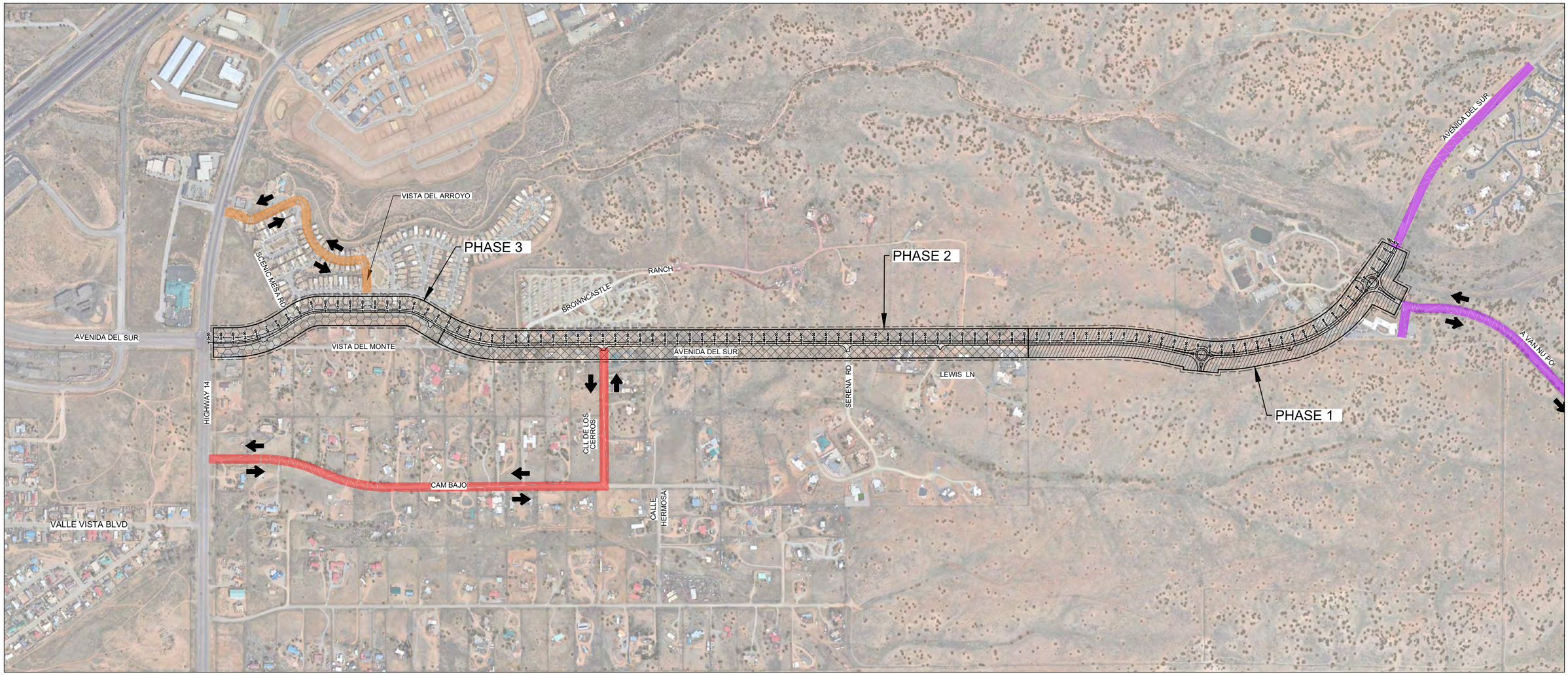
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

SEQUENCE OF CONSTRUCTION NARRATIVE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 19 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-TCP.dwg PLOTTED: 05/28/2025 10:22 AM




0 400' 800'

SCALE IN FEET

**NOTE:**
THIS SHEET IS NOT A TRAFFIC CONTROL PLAN FOR IMPLEMENTATION. THIS SHEET IS ONLY PRESENTED AS PHASING OVERVIEW FOR "SEQUENCE OF WORK" GUIDANCE TO THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN (TCP) FOR CURSORY REVIEW TO THE SANTA FE COUNTY PROJECT MANAGER, A MINIMUM OF 72 HOURS IN ADVANCE OF ANY ACTIVITIES AFFECTING ROADWAY TRAFFIC. THE TCP AND ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES REQUIREMENTS. THE TCP SHALL BE GENERATED BY A LICENSED PROFESSIONAL ENGINEER TO CERTIFY THAT THE PLAN IS COMPLIANT WITH ALL GOVERNING REGULATIONS AND LAWS. THE CONTRACTOR'S TCP MUST GENERALLY REFLECT THE SUGGESTED WORK SEQUENCE. SANTA FE COUNTY ASSUMES NO LIABILITY FOR CONTRACTOR FAILURE TO IMPLEMENT AND MAINTAIN PROVISIONS WITHIN THE APPROVED TCP. THE CONTRACTOR SHALL REFER TO THE PROJECT PHASING PLAN PRESENTED IN THE CONTRACT DRAWINGS.

## T.C.P. LEGEND

- TRAFFIC FLOW
- TCP – PHASE 1
- TCP – PHASE 2
- TCP – PHASE 3
- TCP – PHASE 4
- CLOSED ROUTE PHASE 1
- BYPASS ROUTE PHASE 2 & 3
- DETOUR ROUTE PHASE 3 & 4

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E. Project Mgr.
At 7/1/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## PROJECT PHASING PLAN OVERVIEW LAYOUT

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 20 |

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## T.C.P. LEGEND

- TRAFFIC FLOW
- TCP – PHASE 1
- TCP – PHASE 2
- TCP – PHASE 3
- TCP – PHASE 4
- CLOSED ROUTE PHASE 1
- BYPASS ROUTE PHASE 2 & 3
- DETOUR ROUTE PHASE 3 & 4

CANADA DEL RANCHO

AVENIDA DEL SUR

TYPE III BARRICADE
B1-1R-96
R11-2-60
M4-10R-48

ROAD CLOSED TO THRU TRAFFIC

*(ONCE PHASE 1 IS COMPLETE)*

MAINTAIN ACCESS TO TREATMENT PLANT THROUGHOUT CONSTRUCTION

ROAD CLOSED

TYPE III BARRICADE
B1-1R-96
R11-2-60

ROAD CLOSED

TYPE III BARRICADE
B1-1R-96
R11-2-60

ROAD CLOSED

TYPE III BARRICADE
B1-1R-96
R11-2-60

A VAN NU PO

ROAD CLOSED TO THRU TRAFFIC

TYPE III BARRICADE
B1-1R-96
R11-2-60
M4-10R-48

PHASE 1

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E. PTOG&D, AI 1/1/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# PROJECT PHASING PLAN OVERVIEW LAYOUT-PHASE 1

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 21 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

N

0 200' 400'

SCALE IN FEET

**NOTE:**
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## T.C.P. LEGEND

- TRAFFIC FLOW
- TCP – PHASE 1
- TCP – PHASE 2
- TCP – PHASE 3
- TCP – PHASE 4
- CLOSED ROUTE PHASE 1
- BYPASS ROUTE PHASE 2 & 3
- DETOUR ROUTE PHASE 3 & 4

VISTA DEL ARROYO

SCENIC MESA RD

MAINTAIN ACCESS TO RV PARK THROUGHOUT CONSTRUCTION

RANCH

BROWNCASTLE

PHASE 2

ROAD CLOSED

*TYPE III BARRICADE*
*B1-1R-96*
*R11-2-60*

VISTA DEL MONTE

AVENIDA DEL SUR

HIGHWAY 14

CLL DE LOS CERROS

SERENA RD

LEWIS LN

CAM BAJO

CALLE HERMOSA

**NOTE:**
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DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP.
At 7/1/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10019500

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# PROJECT PHASING PLAN OVERVIEW LAYOUT - PHASE 2

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 22 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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## T.C.P. LEGEND

- TRAFFIC FLOW
- TCP – PHASE 1
- TCP – PHASE 2
- TCP – PHASE 3
- TCP – PHASE 4
- CLOSED ROUTE PHASE 1
- BYPASS ROUTE PHASE 2 & 3
- DETOUR ROUTE PHASE 3 & 4

ROAD CLOSED

*TYPE III BARRICADE*
*B1-1R-96*
*R11-2-60*

ROAD CLOSED

*TYPE III BARRICADE*
*B1-1R-96*
*R11-2-60*

ROAD CLOSED

*TYPE III BARRICADE*
*B1-1R-96*
*R11-2-60*

*TYPE III BARRICADE*
*B1-1R-96*
*R11-2-60*
*M4-10R-48*

ROAD CLOSED TO THRU TRAFFIC

VISTA DEL ARROYO

PHASE 3

SCENIC MESA RD

BROWNCASTLE RANCH

AVENIDA DEL SUR

VISTA DEL MONTE

AVENIDA DEL SUR

HIGHWAY 14

CLL DE LOS CERROS

CAM BAJO

VALLE VISTA BLVD

N

0 200' 400'

SCALE IN FEET

**NOTE:**
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DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP.
At 11/2025

| REV. NO. | DATE | DESCRIPTION | BY |
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| | | | |

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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

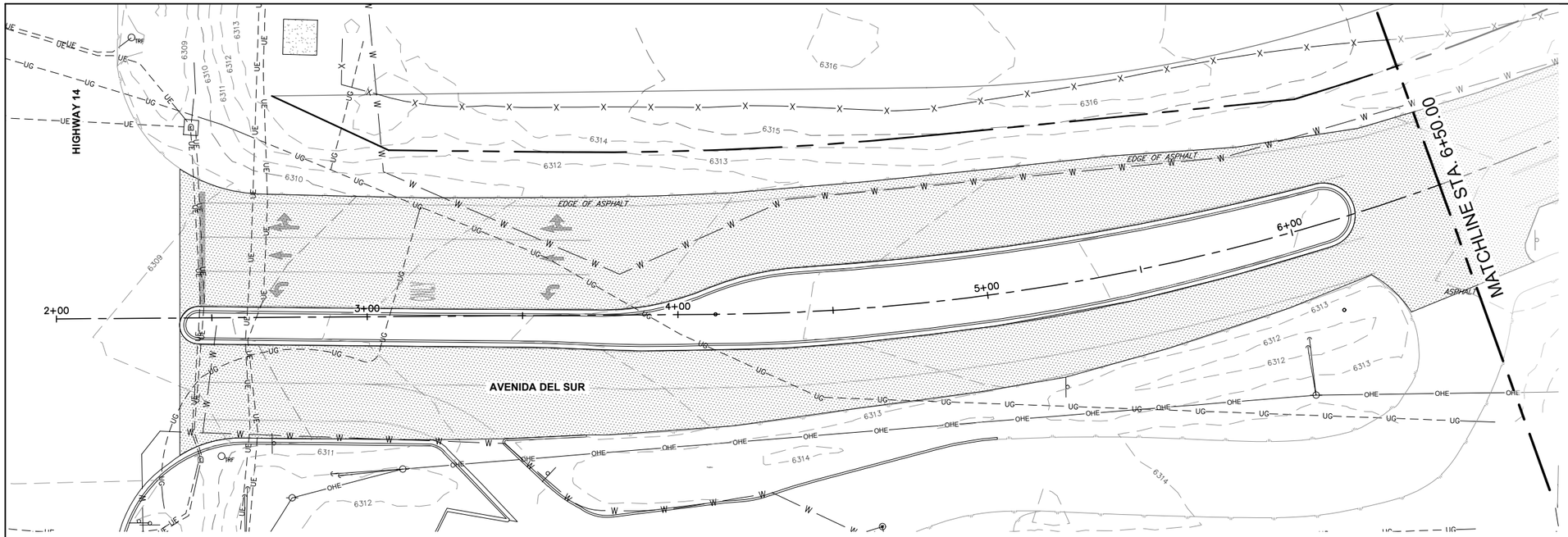
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# PROJECT PHASING PLAN OVERVIEW LAYOUT - PHASE 3

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 23 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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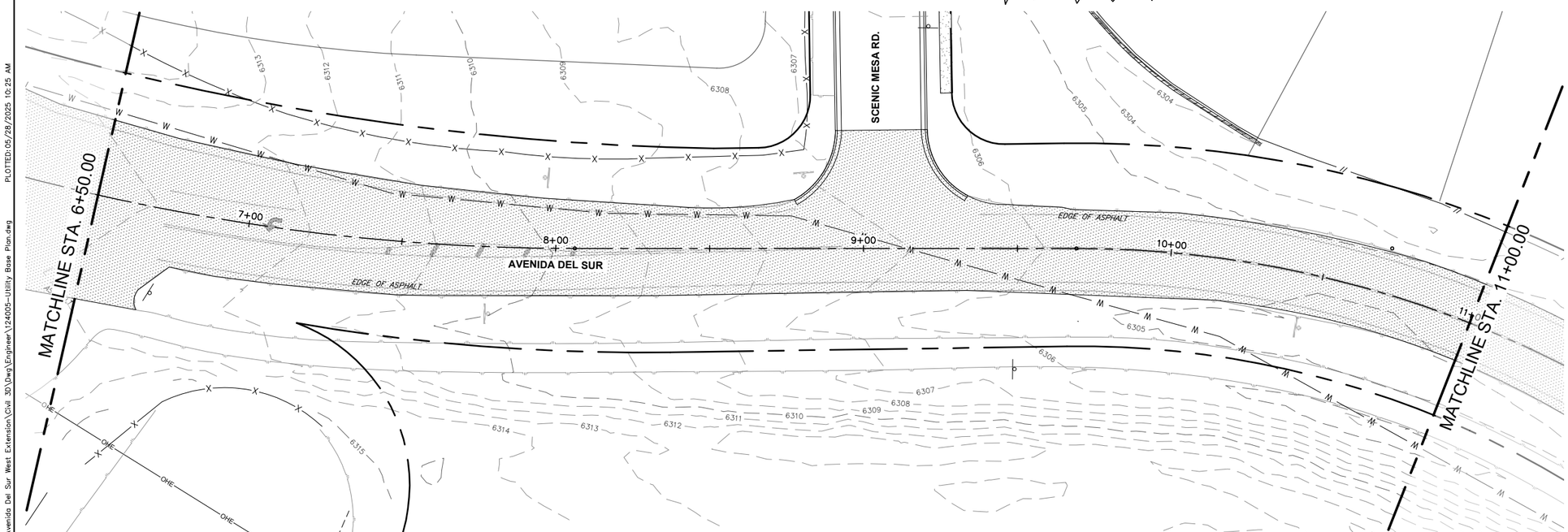

# AVENIDA DEL SUR

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

0 20' 40'
SCALE IN FEET

**CAUTION!!!:**
**EXISTING ELECTRICAL LINES, WATER MAINS, GAS LINES, & COMMUNICATION LINES PRESENT. CONTRACTOR TO EXERCISE CAUTION WHEN WORKING AROUND UTILITY LINES.**




# AVENIDA DEL SUR

0 20' 40'
SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

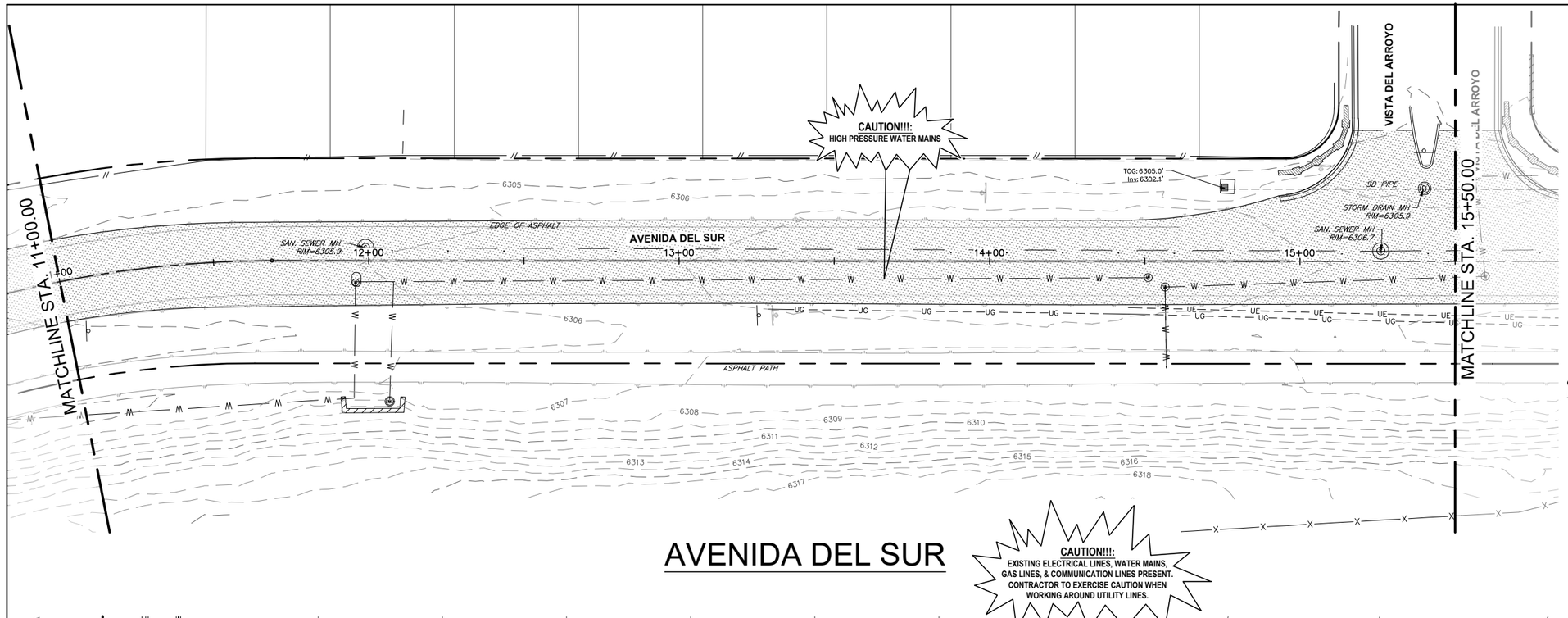
UTILITY BASE PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 24 |

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# AVENIDA DEL SUR




**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

0 20' 40'
SCALE IN FEET

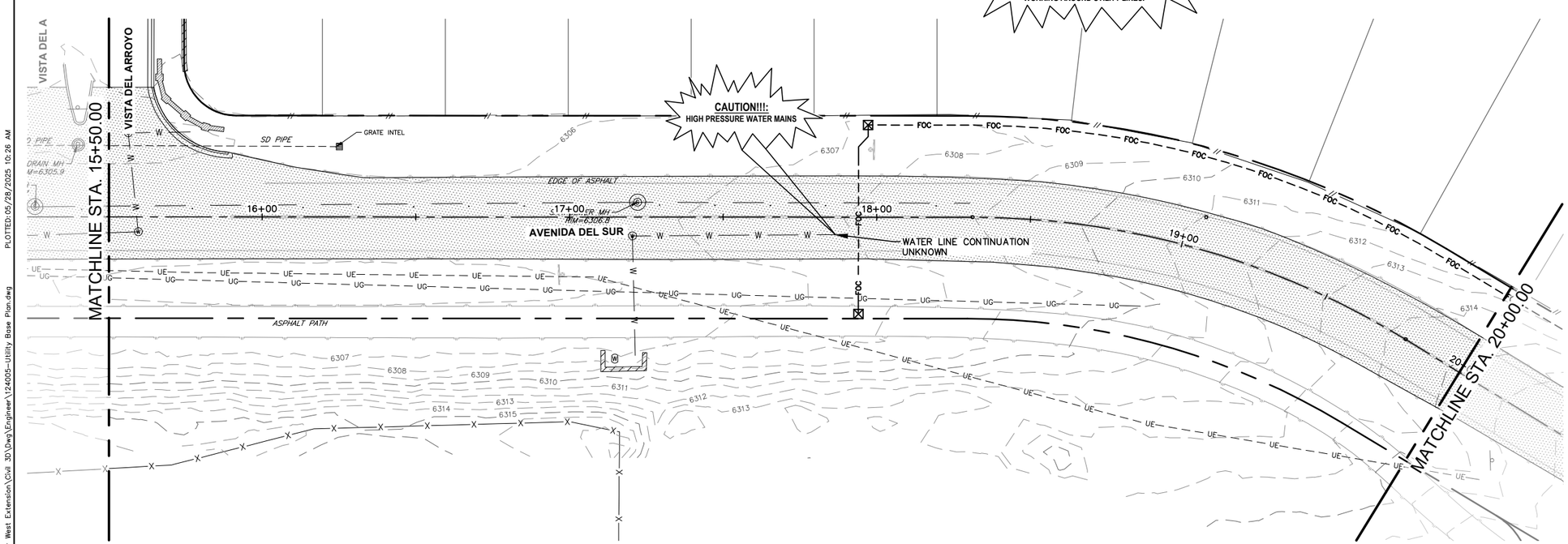
## LEGEND

EXISTING
- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
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- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING
- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

# AVENIDA DEL SUR




0 20' 40'
SCALE IN FEET

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

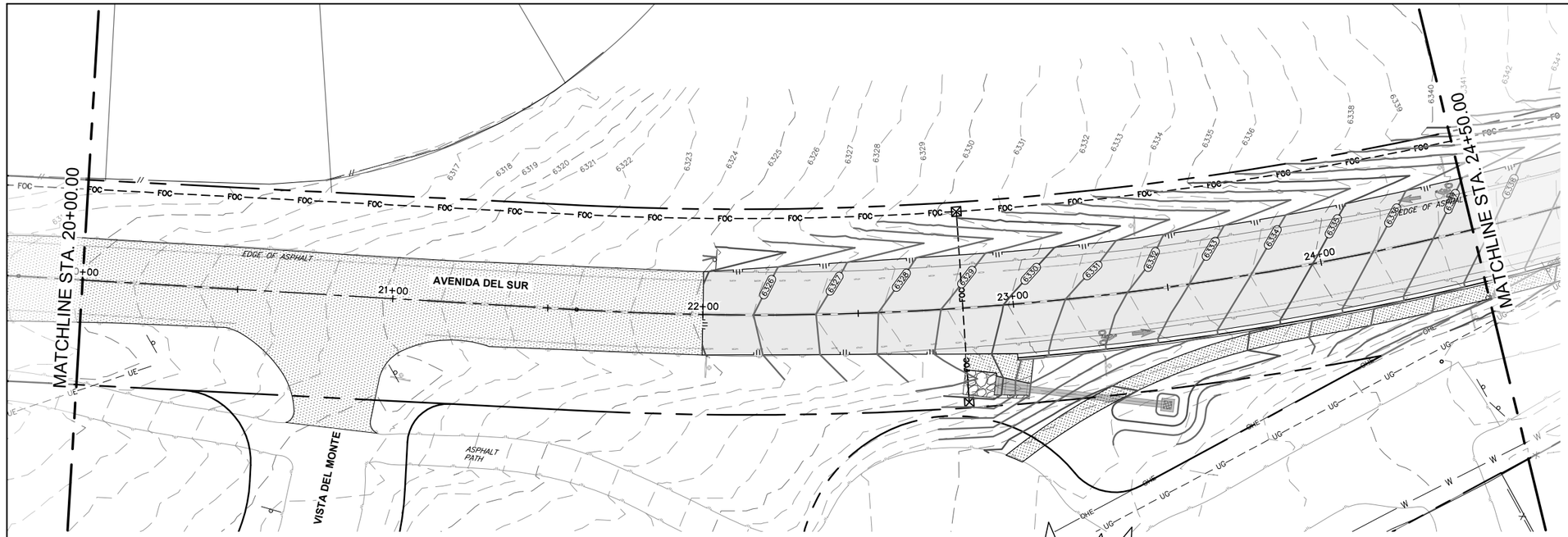
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

UTILITY BASE PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 25 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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PLOTTED: 05/28/2025 10:26 AM




# AVENIDA DEL SUR

**CAUTION!!!:**
EXISTING ELECTRICAL LINES, WATER MAINS, GAS LINES, & COMMUNICATION LINES PRESENT. CONTRACTOR TO EXERCISE CAUTION WHEN WORKING AROUND UTILITY LINES.

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

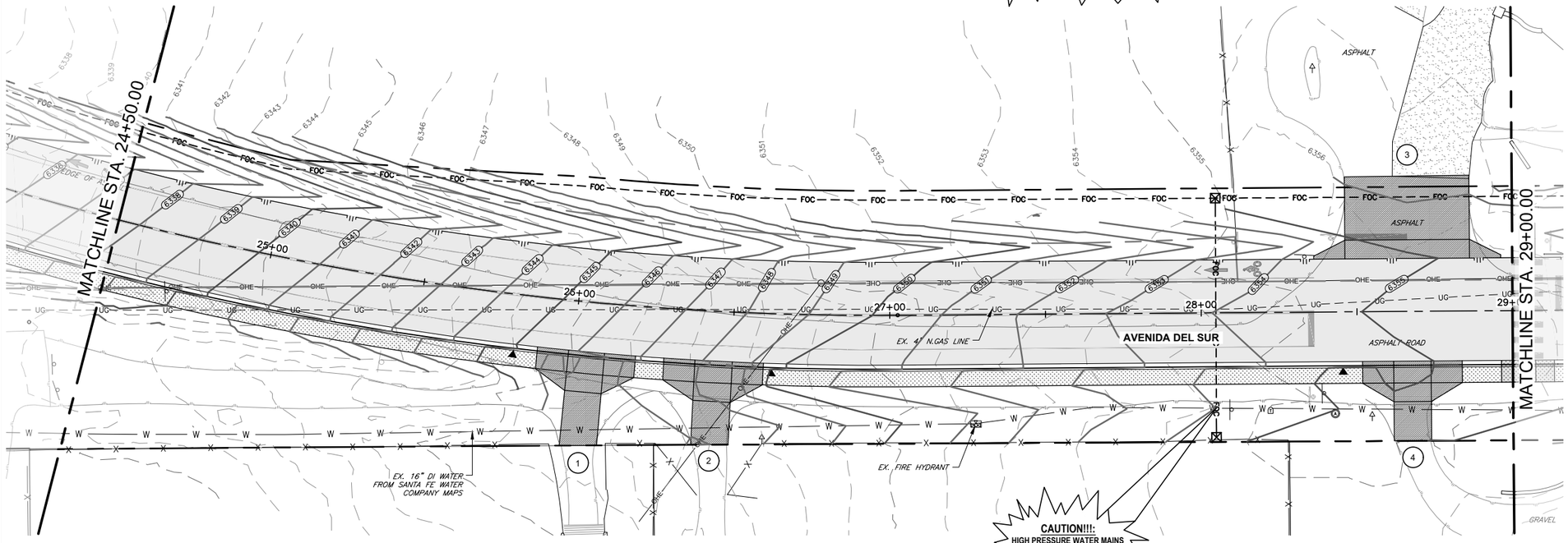
0 20' 40'
SCALE IN FEET

## LEGEND

EXISTING
- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING
- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER




# AVENIDA DEL SUR

**CAUTION!!!:**
HIGH PRESSURE WATER MAINS

0 20' 40'
SCALE IN FEET

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

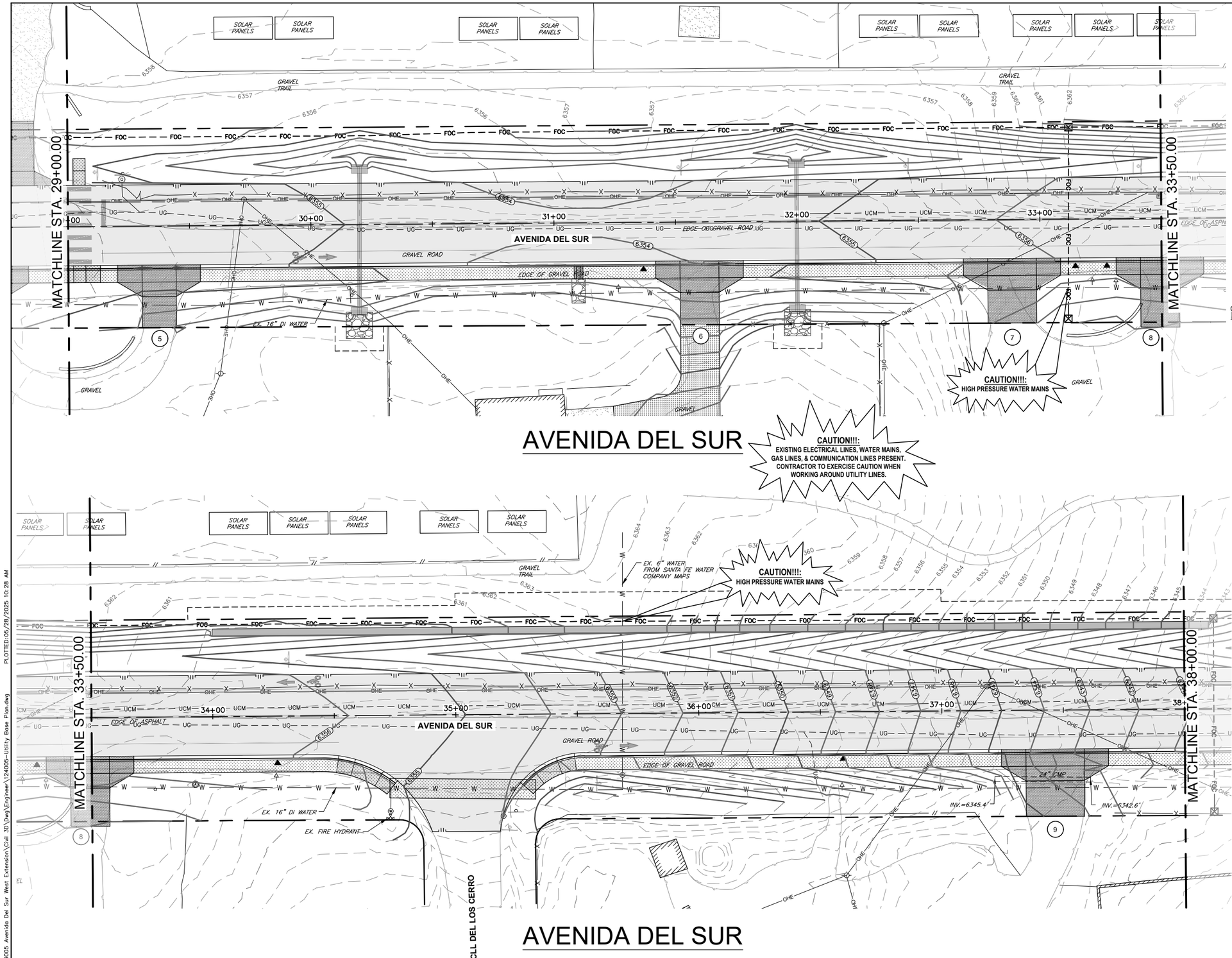
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

UTILITY BASE PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 26 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

## LEGEND

EXISTING

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- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
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- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
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- UTILITY POLE
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- WROUGHT IRON FENCE
- WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

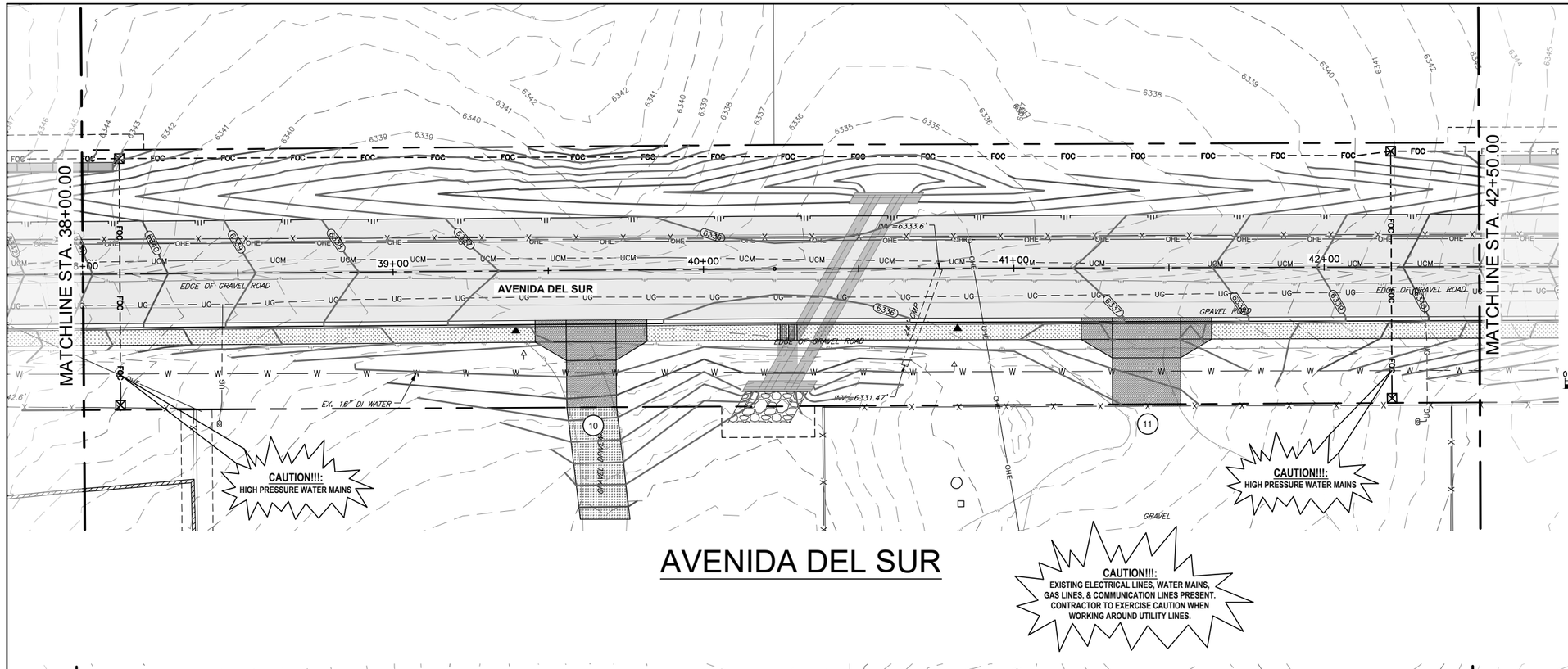
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# UTILITY BASE PLAN

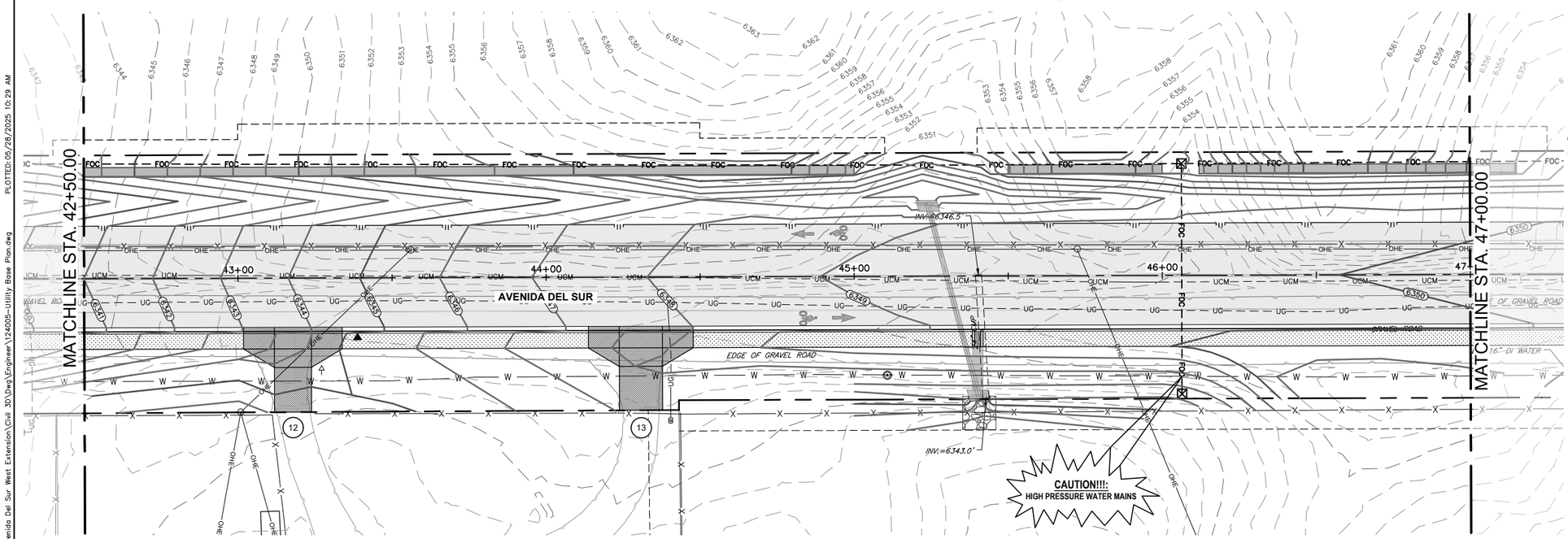
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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 27 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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# AVENIDA DEL SUR




# AVENIDA DEL SUR

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
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- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100195-00

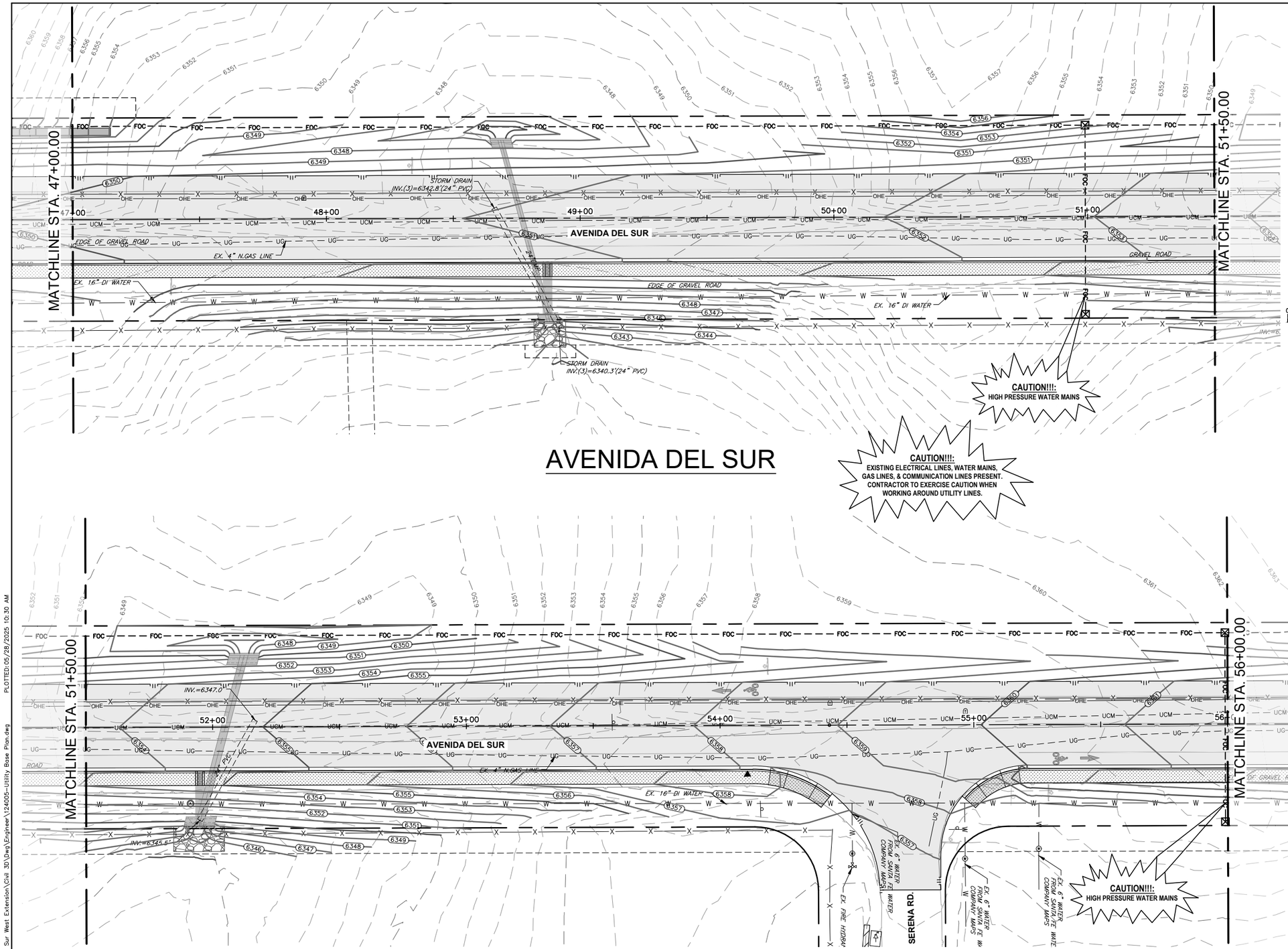
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

UTILITY BASE PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 28 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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# AVENIDA DEL SUR




# AVENIDA DEL SUR

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

N

0 20' 40'

SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
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PROPOSED

- ASPHALT PAVEMENT
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- RETAINING WALL
- 930 — FINISHED CONTOUR

(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

12 DRIVEWAY NUMBER ▼MB07 MAILBOX NUMBER

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10049500

SANTA FE COUNTY

**SANTA FE COUNTY PUBLIC WORKS**
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## UTILITY BASE PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 29 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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nm811 Know what's below. Call before you dig.

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
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- TELEPHONE PEDESTAL
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- WROUGHT IRON FENCE
- WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

MATCHLINE STA. 56+00.00

MATCHLINE STA. 60+50.00

AVENIDA DEL SUR

GRAVEL ROAD

EDGE OF GRAVEL ROAD

CAUTION!!!: HIGH PRESSURE WATER MAINS

CAUTION!!!: EXISTING ELECTRICAL LINES, WATER MAINS, GAS LINES, & COMMUNICATION LINES PRESENT. CONTRACTOR TO EXERCISE CAUTION WHEN WORKING AROUND UTILITY LINES.

METAL GATE

GRAVEL

SCALE IN FEET

# AVENIDA DEL SUR

MATCHLINE STA. 60+50.00

MATCHLINE STA. 65+00.00

AVENIDA DEL SUR

GRAVEL ROAD

EX. N.GAS LINE

BOLLARD

GATE

LEWIS LN.

EX. FIRE HYDRANT RELOCATED BY OTHERS

CAUTION!!!: HIGH PRESSURE WATER MAINS

SCALE IN FEET

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

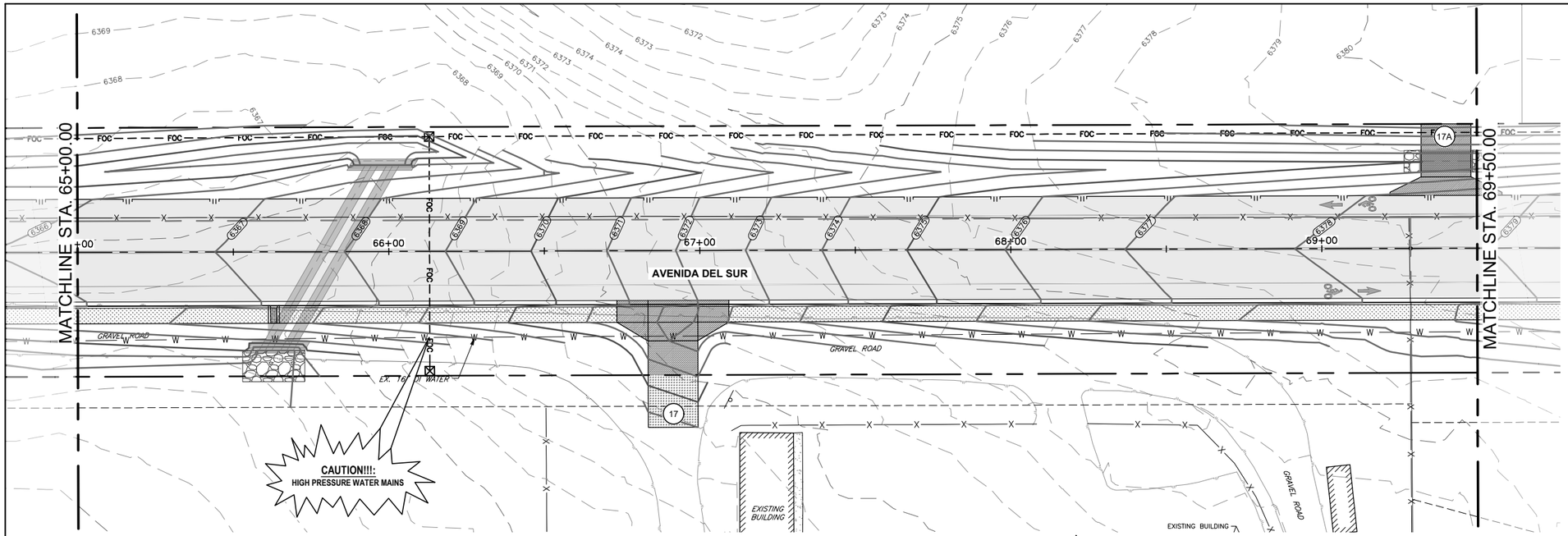
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AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

UTILITY BASE PLAN

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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 30 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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# AVENIDA DEL SUR

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nm811 Know what's below. Call before you dig.

SCALE IN FEET (0, 20', 40')

## LEGEND

EXISTING

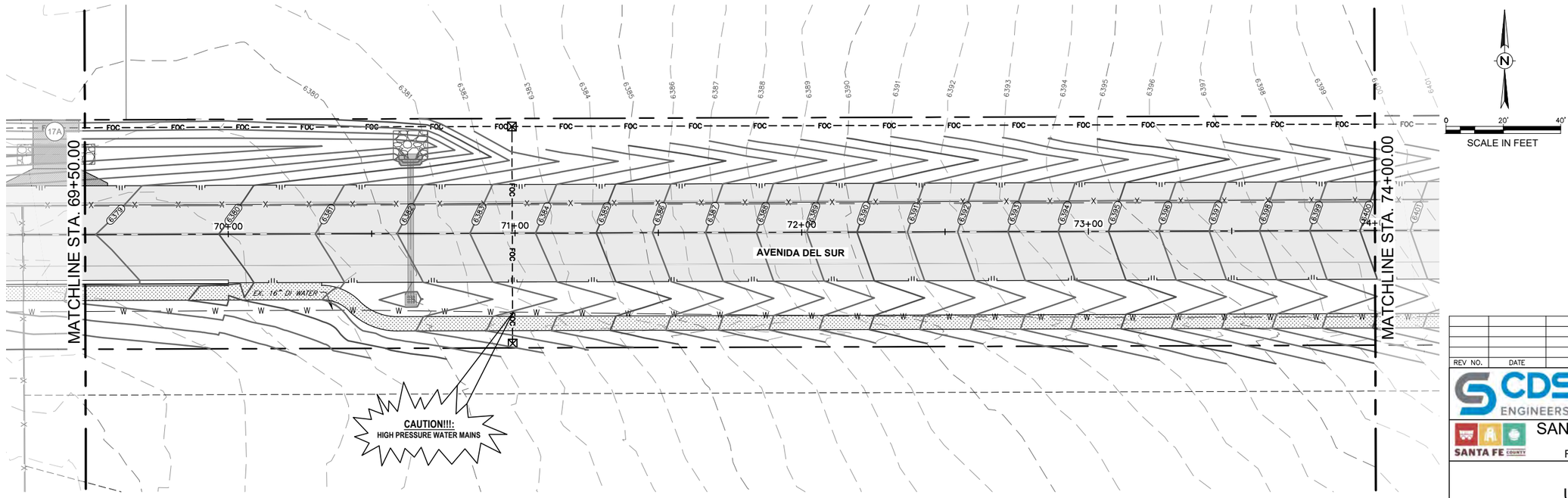
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- GAS MANHOLE
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- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

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- CONCRETE PAVEMENT
- MILL & OVERLAY
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- EARTHEN SWALE
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- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER




# AVENIDA DEL SUR

SCALE IN FEET (0, 20', 40')

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

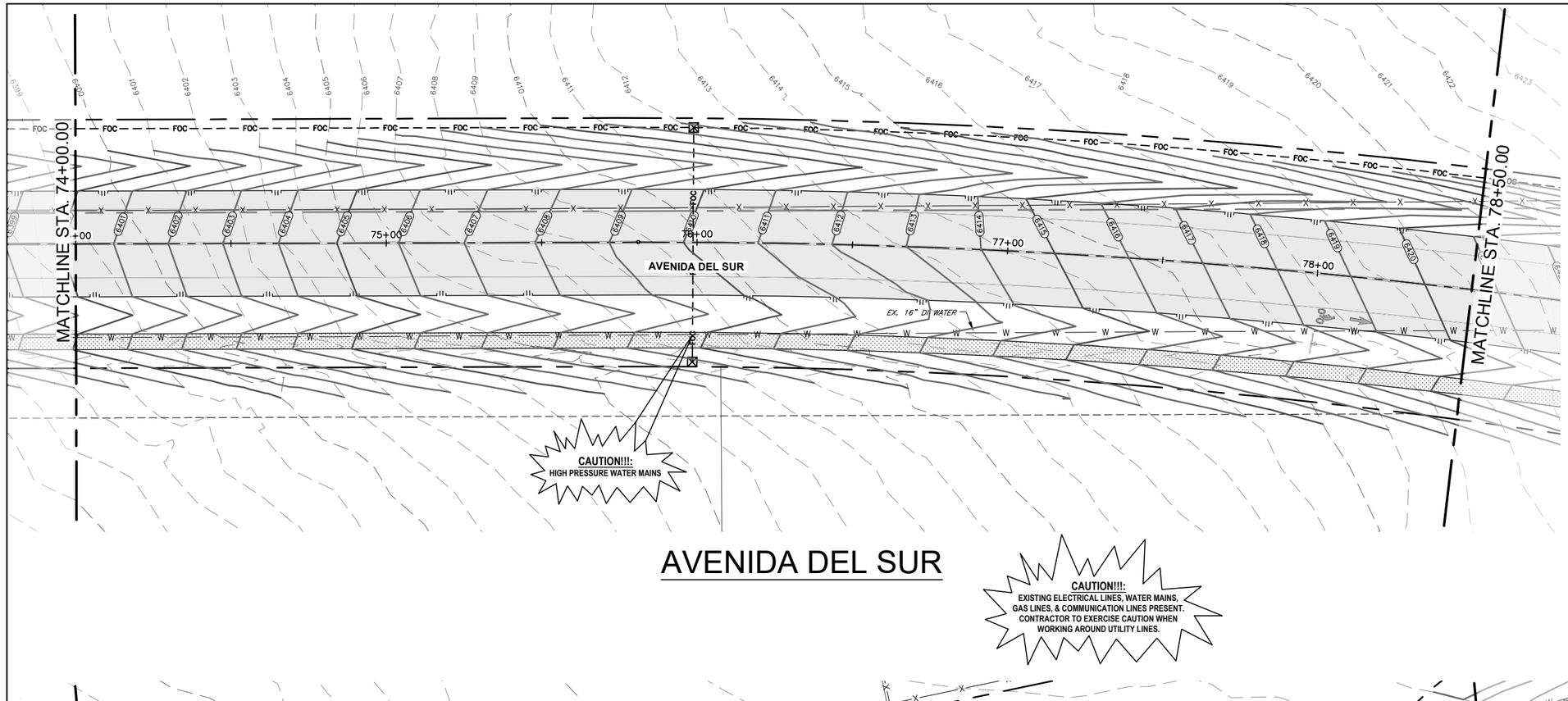
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

UTILITY BASE PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 31 |

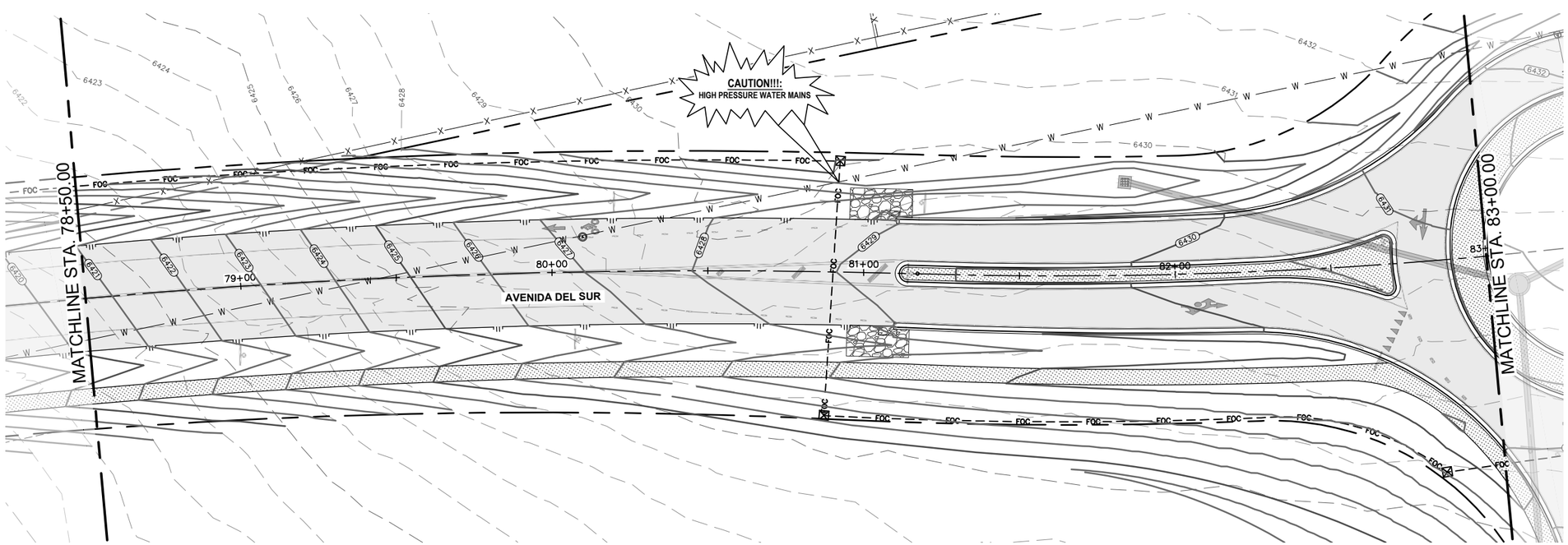
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Utility Base Plan.dwg PLOTTED: 05/28/2025 11:53 AM




# AVENIDA DEL SUR

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EXISTING ELECTRICAL LINES, WATER MAINS, GAS LINES, & COMMUNICATION LINES PRESENT. CONTRACTOR TO EXERCISE CAUTION WHEN WORKING AROUND UTILITY LINES.




# AVENIDA DEL SUR

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

N

0 20' 40'

SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY

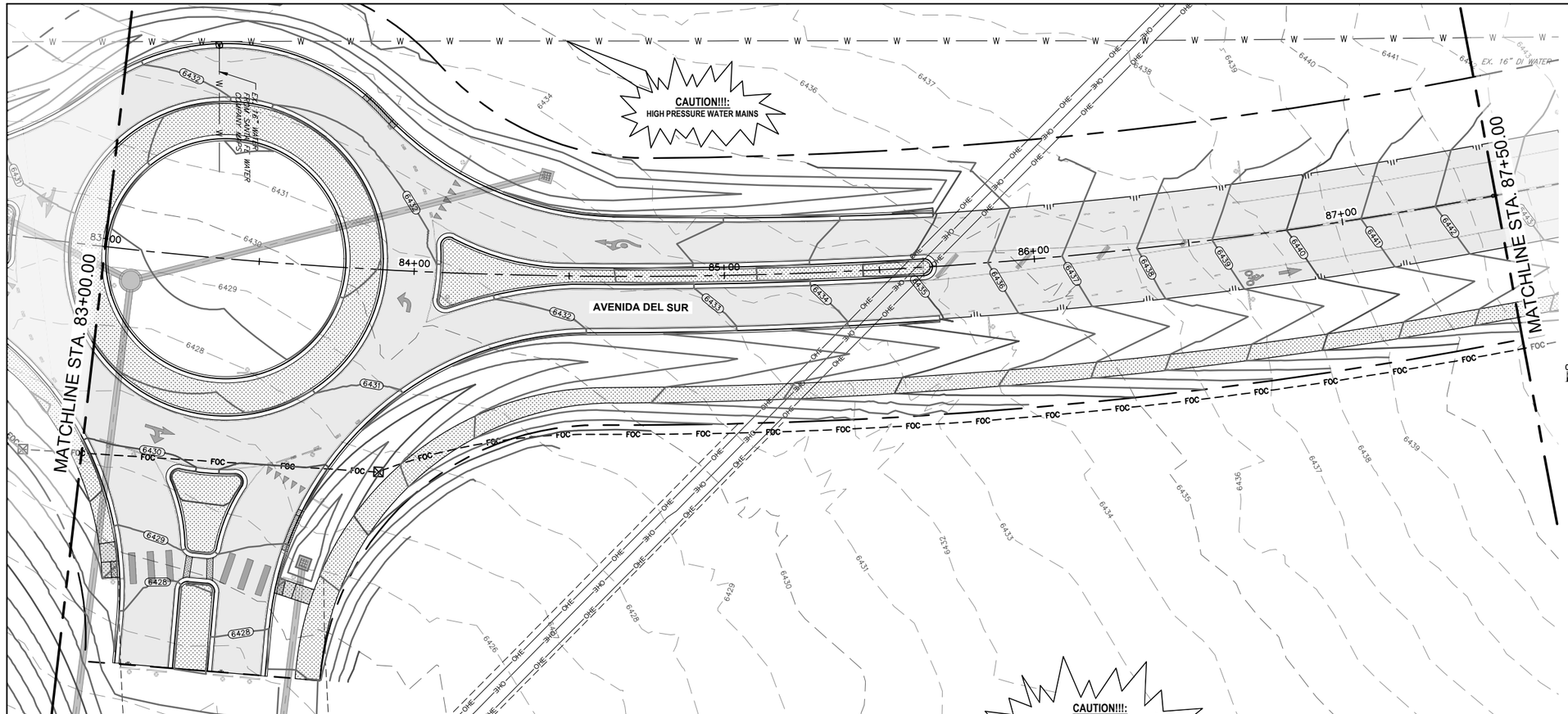
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

UTILITY BASE PLAN

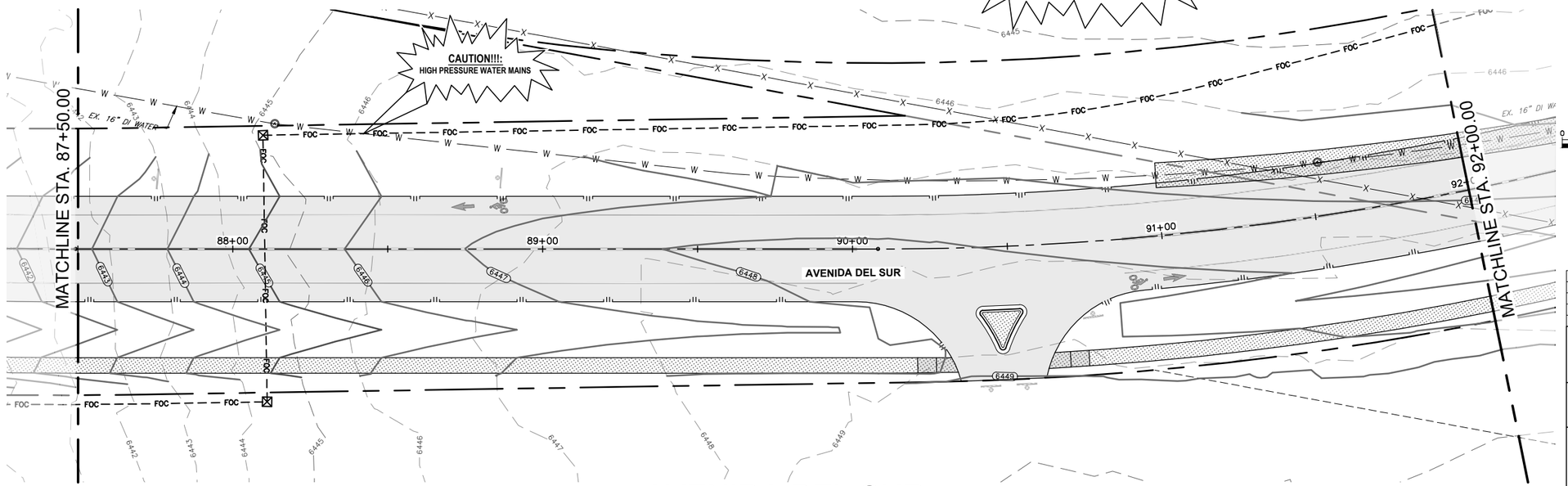
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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 32 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Utility Base Plan.dwg PLOTTED:05/28/2025 10:32 AM




# AVENIDA DEL SUR




# AVENIDA DEL SUR

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

N

0 20' 40'

SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
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- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10049500

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

UTILITY BASE PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 33 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Utility Base Plan.dwg PLOTTED: 05/28/2025 10:33 AM

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

## LEGEND

EXISTING

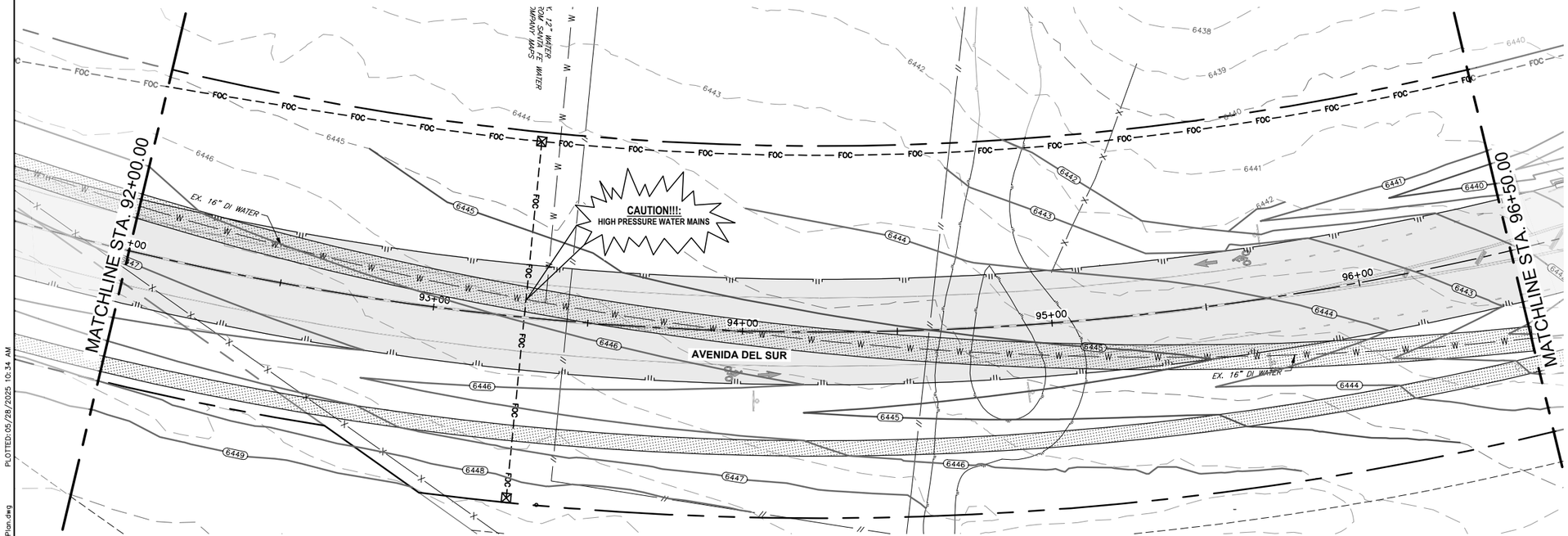
- WATER METER
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- TELEPHONE MANHOLE
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- 12 DRIVEWAY NUMBER
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0 20' 40'

SCALE IN FEET

# AVENIDA DEL SUR

**CAUTION!!!:**
**EXISTING ELECTRICAL LINES, WATER MAINS, GAS LINES, & COMMUNICATION LINES PRESENT. CONTRACTOR TO EXERCISE CAUTION WHEN WORKING AROUND UTILITY LINES.**

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-17313 | TBPLS No. 100495-00

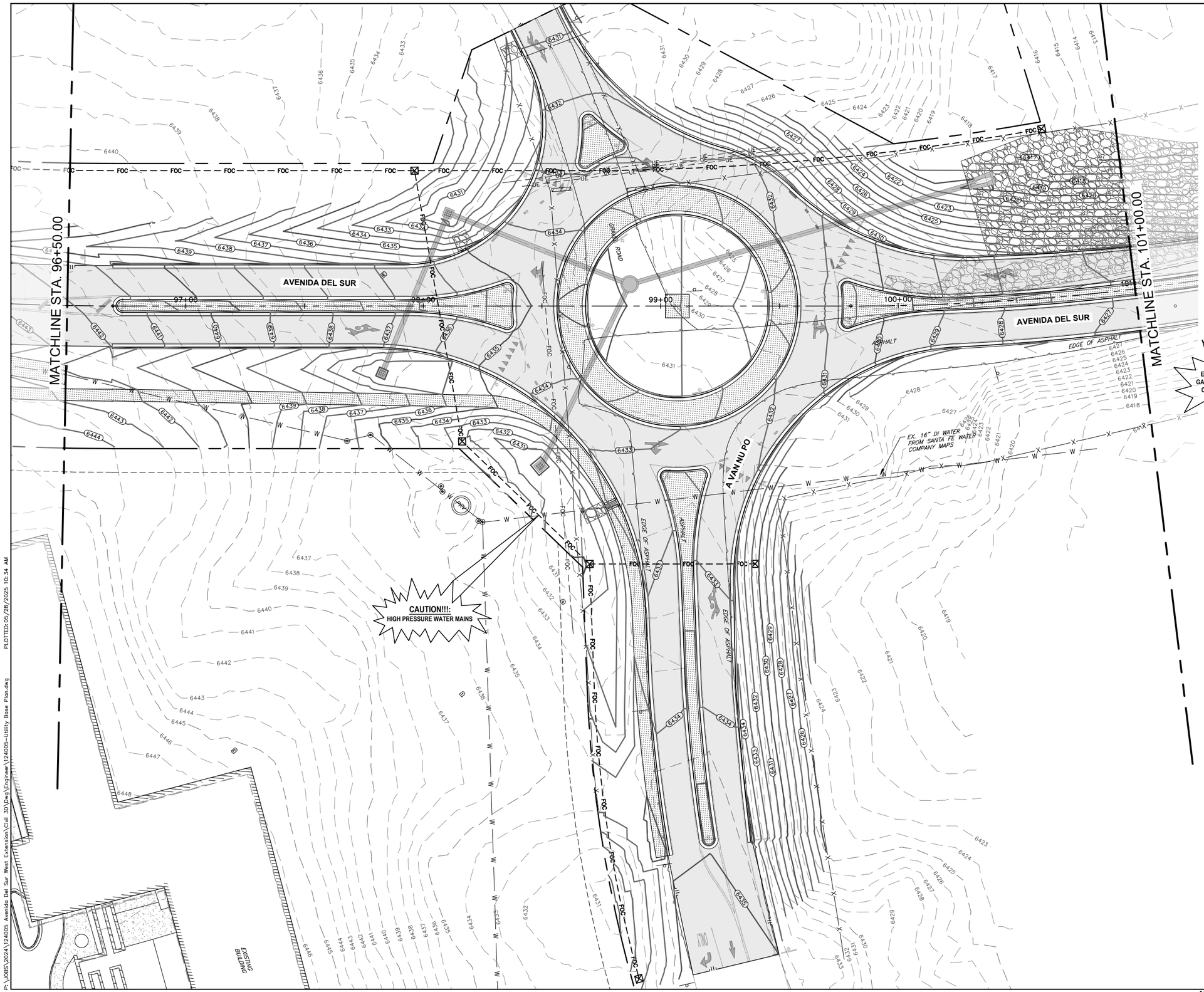
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

UTILITY BASE PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 34 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

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0 20' 40'
SCALE IN FEET

**CAUTION!!!:**
EXISTING ELECTRICAL LINES, WATER MAINS, GAS LINES, & COMMUNICATION LINES PRESENT. CONTRACTOR TO EXERCISE CAUTION WHEN WORKING AROUND UTILITY LINES.

## LEGEND

EXISTING
- (W) WATER METER
- (E) ELECTRIC MANHOLE
- (E) ELECTRIC METER
- (SC) SEWER CLEAN OUT
- (G) GAS MANHOLE
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- (TM) TELEPHONE MANHOLE
- (T) TELEPHONE PEDESTAL
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- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
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- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED
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- CONCRETE PAVEMENT
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- 930 — FINISHED CONTOUR
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- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# UTILITY BASE PLAN

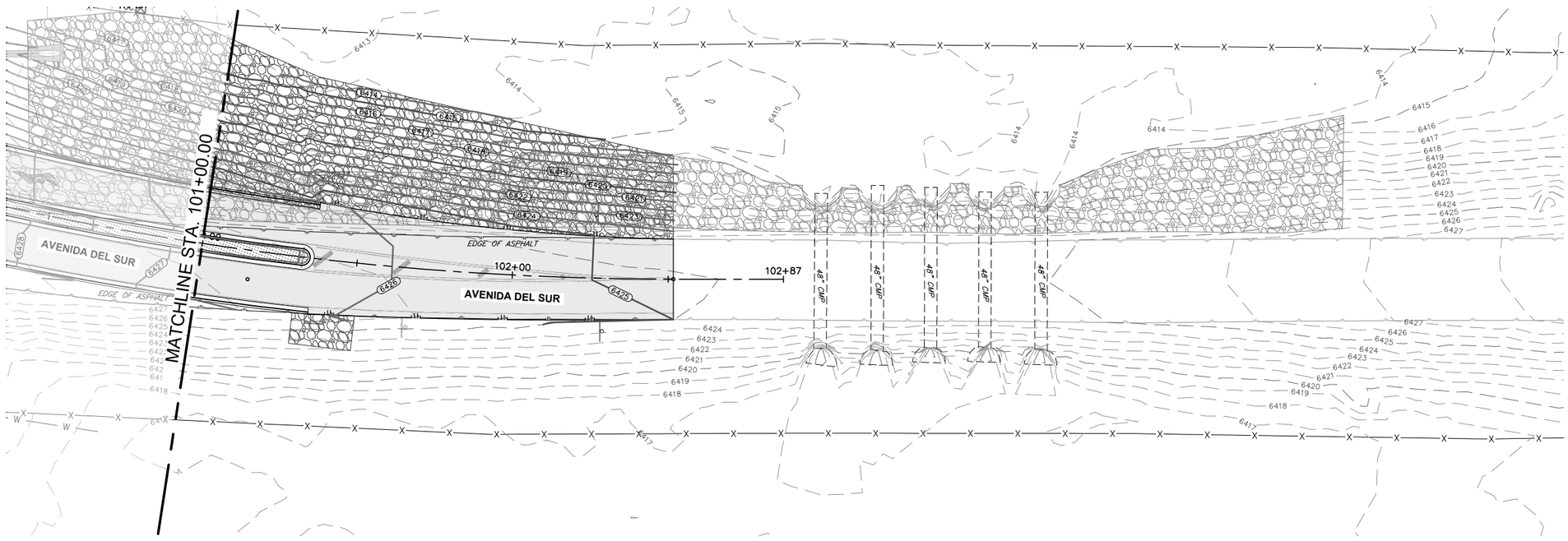
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 35 |

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nm811 Know what's below. Call before you dig.




0 20' 40'
SCALE IN FEET

# AVENIDA DEL SUR

**CAUTION!!!:**
**EXISTING ELECTRICAL LINES, WATER MAINS, GAS LINES, & COMMUNICATION LINES PRESENT. CONTRACTOR TO EXERCISE CAUTION WHEN WORKING AROUND UTILITY LINES.**

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
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- WROUGHT IRON FENCE
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- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
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- MB07 MAILBOX NUMBER

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

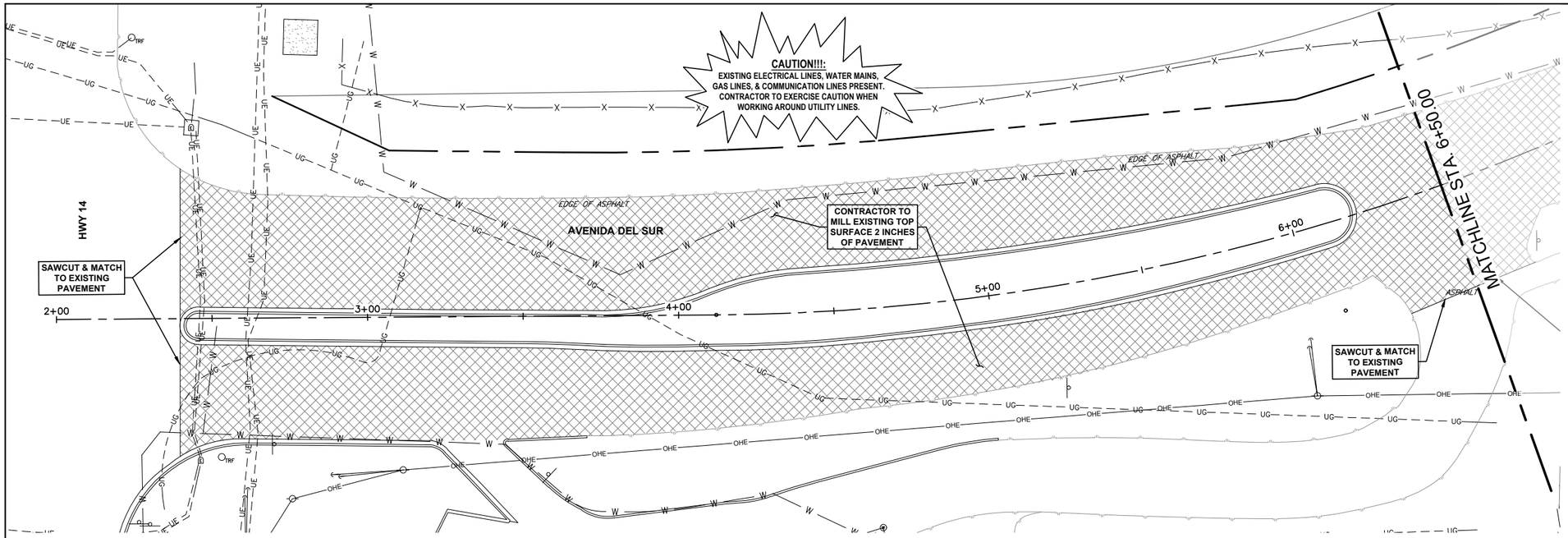
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

UTILITY BASE PLAN

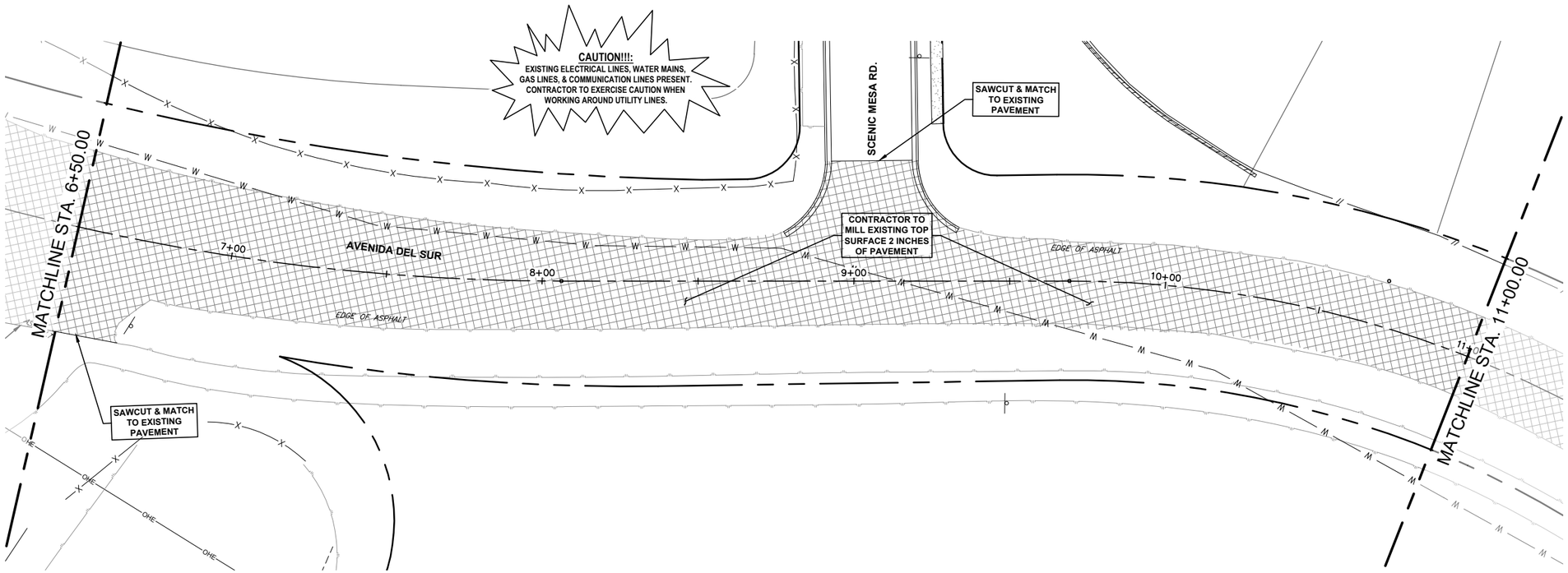
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 36 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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AVENIDA DEL SUR




AVENIDA DEL SUR

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

N

0 20' 40'

SCALE IN FEET

## DEMOLITION LEGEND

DEMOLITION AREA

### SITE DEMOLITION NOTES

1. REMOVE PAVING, CURBS, SIDEWALKS, AND STRUCTURES WITHIN THE DEMOLITION LIMITS UNLESS OTHERWSE DESIGNATED TO REMAIN. NEATLY SAW-CUT PAVEMENT EDGES AT ALL TIE-IN LOCATIONS.
2. REMOVE EXISTING ABOVE-GRADE AND BELOW-GRADE IMPROVEMENTS, AS NECESSARY, TO FACILITATE NEW CONSTRUCTION. THE PROJECT DRAWINGS DO NOT PURPORT TO SHOW ALL OBJECTS EXISTING ON THE PROJECT SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL OBJECTS TO BE REMOVED, ADJUSTED, OR PRESERVED BEFORE HIS START OF WORK.
3. REMOVE TREES, SHRUBS, GRASS, AND OTHER VEGETATION LOCATED WITHIN THE DEMOLITION LIMITS UNLESS OTHERWSE DESIGNATED TO REMAIN. REMOVAL INCLUDES DIGGING OUT AND OFF-SITE DISPOSAL OF STUMPS AND ROOTS.
4. USE NECESSARY MEANS TO PREVENT THE SPREAD OF DUST DURING THE DURATION OF THE PROJECT CONSTRUCTION. MOISTEN SURFACES AS REQUIRED TO PREVENT DUST FROM BEING A NUISANCE TO THE SCHOOL POPULATION, PUBLIC, NEIGHBORS, AND CONCURRENT PERFORMANCE OF OTHER WORK ON SITE.
5. THE CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL BUILDING STRUCTURES AND FOUNDATIONS FOUND ON THE SITE. EXTREME CARE SHALL BE EXERCISED WHEN PERFORMING THIS WORK TO ENSURE THAT THOSE TREES INDICATED TO REMAIN ARE NOT DAMAGED.
6. THE CONTRACTOR SHALL, AT HIS EXPENSE, REPAIR OR REPLACE ANY ITEM DAMAGED BY THE CONTRACTOR THAT IS OUTSIDE THE SCOPE OF THIS PROJECT. THE ITEMS SHALL BE REPAIRED OR REPLACED TO THE OWNER'S SATISFACTION.
7. ASPHALT MILLINGS TO BE SALVAGED TO OWNER. CONTRACTOR SHALL TRANSPORT AND DELIVER MILLINGS TO SANTA FE COUNTY MATERIALS FACILITY LOCATED ON CAMINO JUSTICIA RD. ABOUT 2 MILES SOUTH OF AVENIDA DEL SUR ON STATE HIGHWAY 14. NO ADDITIONAL PAYMENT FOR TRANSPORT, HANDLING AND DELIVERY.

### EXISTING UTILITY INFORMATION

THE LOCATION OF UTILITIES, EITHER UNDERGROUND OR OVERHEAD, ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND DEPTH(IF UNDERGROUND) OF ALL UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION.

BOTH PRIVATE AND PUBLIC UTILITIES EXIST THROUGHOUT THE PROJECT SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES AND THE OWNER PRIOR TO CONSTRUCTION. UTILITIES IN CONFLICT WITH PROPOSED STREETS, DRAINAGE, UTILITIES, ETC. SHALL BE ADJUSTED, REMOVED AND/OR REALIGNED DURING THE CONSTRUCTION OF THE PROJECT, AS DIRECTED BY THE RESPECTIVE UTILITY COMPANY AND/OR OWNER.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10049500

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

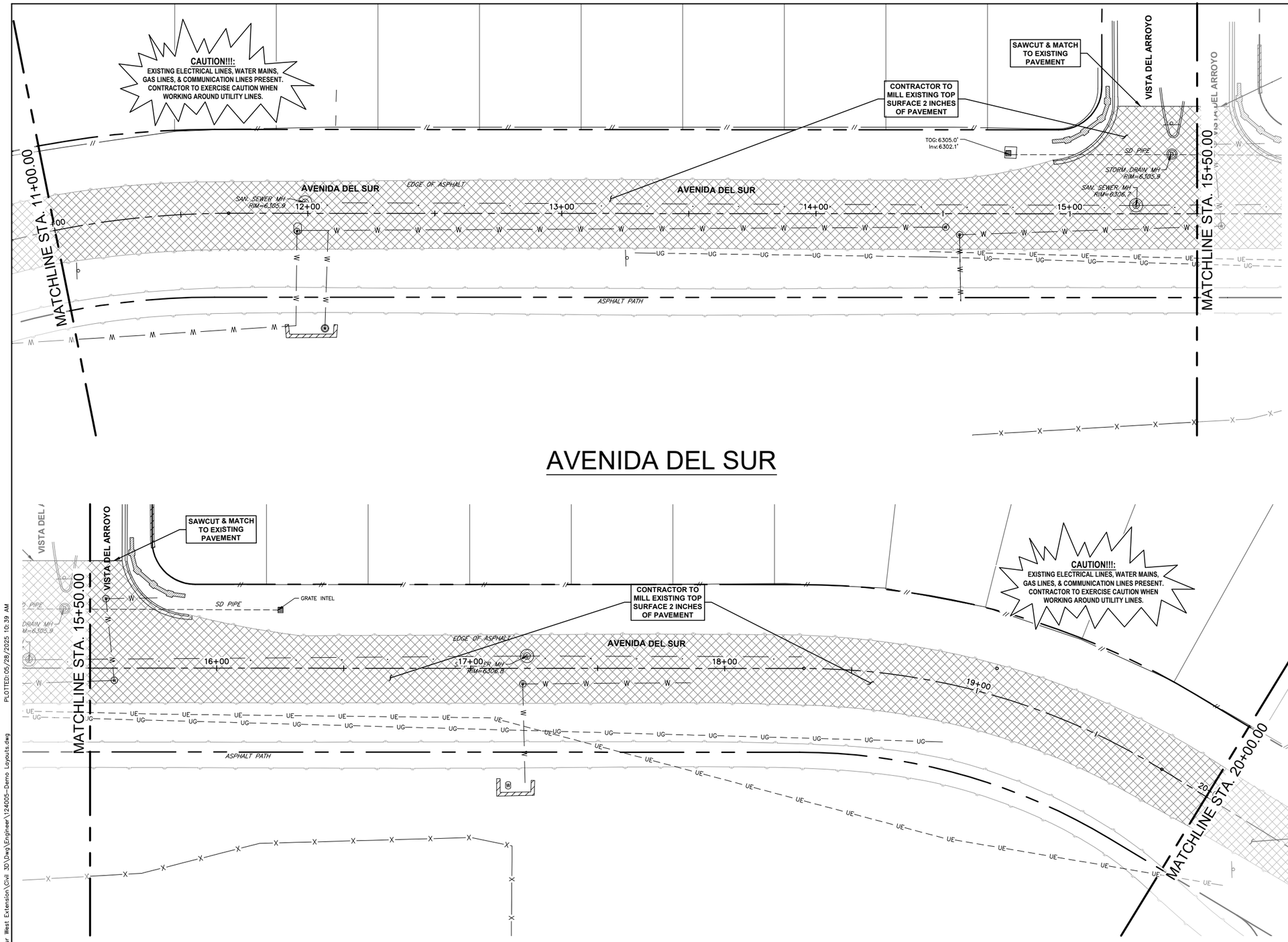
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## PROJECT DEMOLITION LAYOUTS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 37 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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# AVENIDA DEL SUR




# AVENIDA DEL SUR

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nm811 Know what's below. Call before you dig.

## DEMOLITION LEGEND

DEMOLITION AREA

### SITE DEMOLITION NOTES

1. REMOVE PAVING, CURBS, SIDEWALKS, AND STRUCTURES WITHIN THE DEMOLITION LIMITS UNLESS OTHERWISE DESIGNATED TO REMAIN. NEATLY SAW-CUT PAVEMENT EDGES AT ALL TIE-IN LOCATIONS.
2. REMOVE EXISTING ABOVE-GRADE AND BELOW-GRADE IMPROVEMENTS, AS NECESSARY, TO FACILITATE NEW CONSTRUCTION. THE PROJECT DRAWINGS DO NOT PURPORT TO SHOW ALL OBJECTS EXISTING ON THE PROJECT SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL OBJECTS TO BE REMOVED, ADJUSTED, OR PRESERVED BEFORE HIS START OF WORK.
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4. USE NECESSARY MEANS TO PREVENT THE SPREAD OF DUST DURING THE DURATION OF THE PROJECT CONSTRUCTION. MOISTEN SURFACES AS REQUIRED TO PREVENT DUST FROM BEING A NUISANCE TO THE SCHOOL POPULATION, PUBLIC, NEIGHBORS, AND CONCURRENT PERFORMANCE OF OTHER WORK ON SITE.
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7. ASPHALT MILLINGS TO BE SALVAGED TO OWNER. CONTRACTOR SHALL TRANSPORT AND DELIVER MILLINGS TO SANTA FE COUNTY MATERIALS FACILITY LOCATED ON CAMINO JUSTICIA RD. ABOUT 2 MILES SOUTH OF AVENIDA DEL SUR ON STATE HIGHWAY 14. NO ADDITIONAL PAYMENT FOR TRANSPORT, HANDLING AND DELIVERY.

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

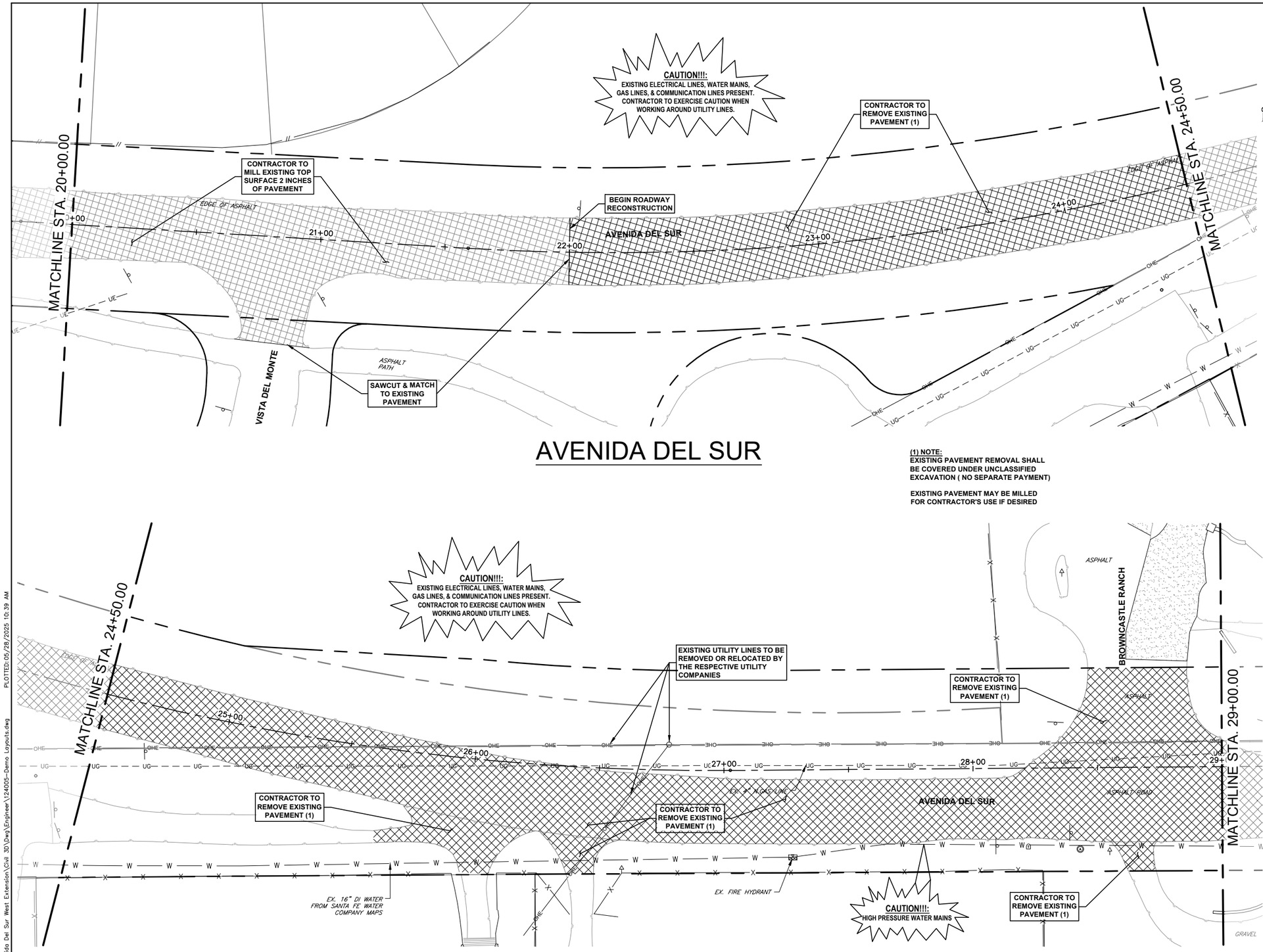
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## PROJECT DEMOLITION LAYOUTS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 38 |

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# AVENIDA DEL SUR

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

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CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

**SANTA FE COUNTY PUBLIC WORKS**
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## PROJECT DEMOLITION LAYOUTS

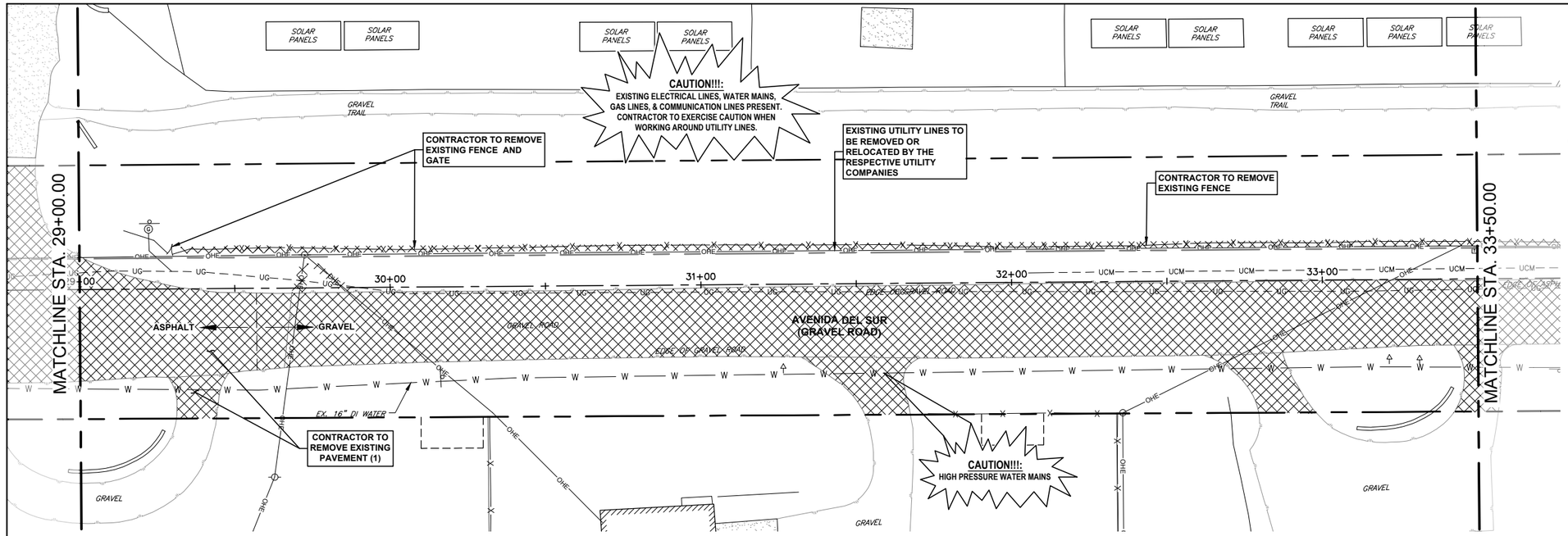
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 39 |

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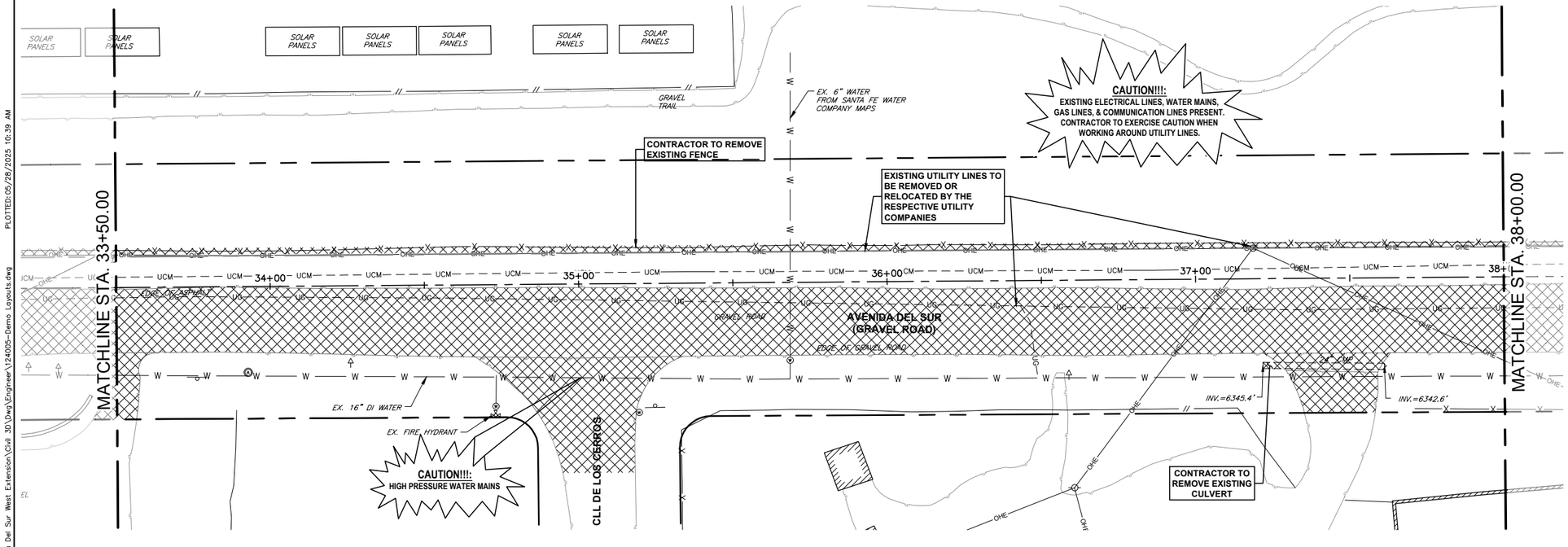
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SCALE IN FEET (0, 20', 40')

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

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SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

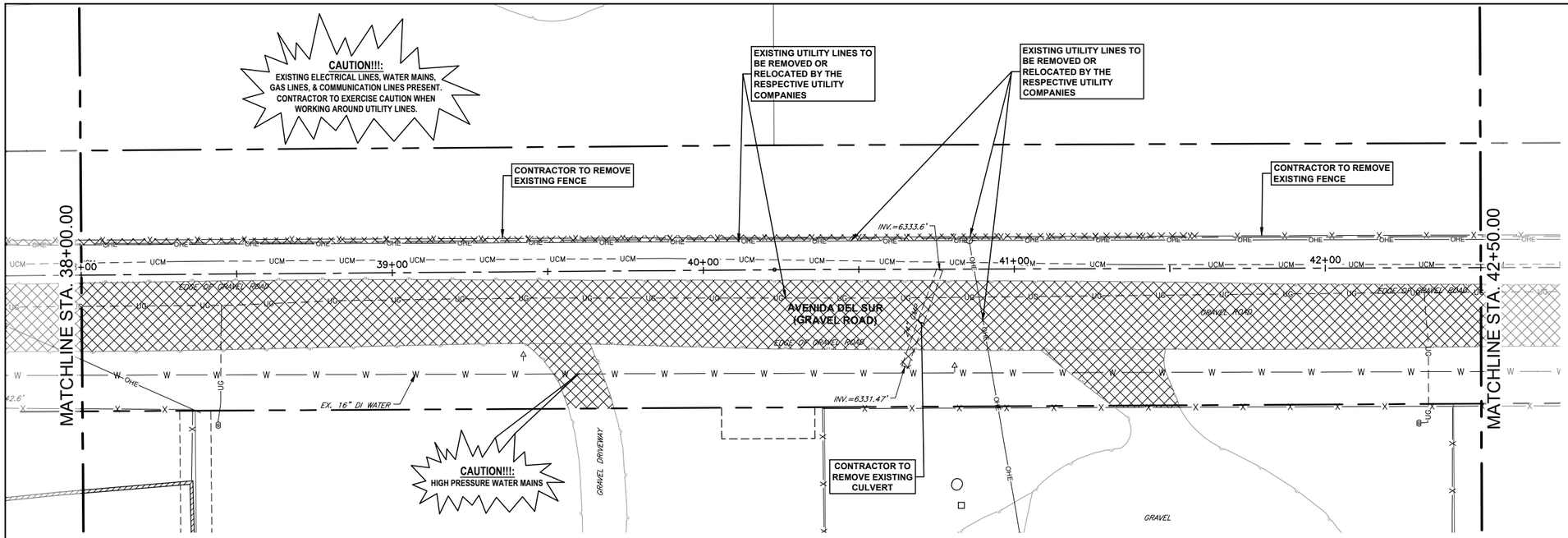
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## PROJECT DEMOLITION LAYOUTS

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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 40 |

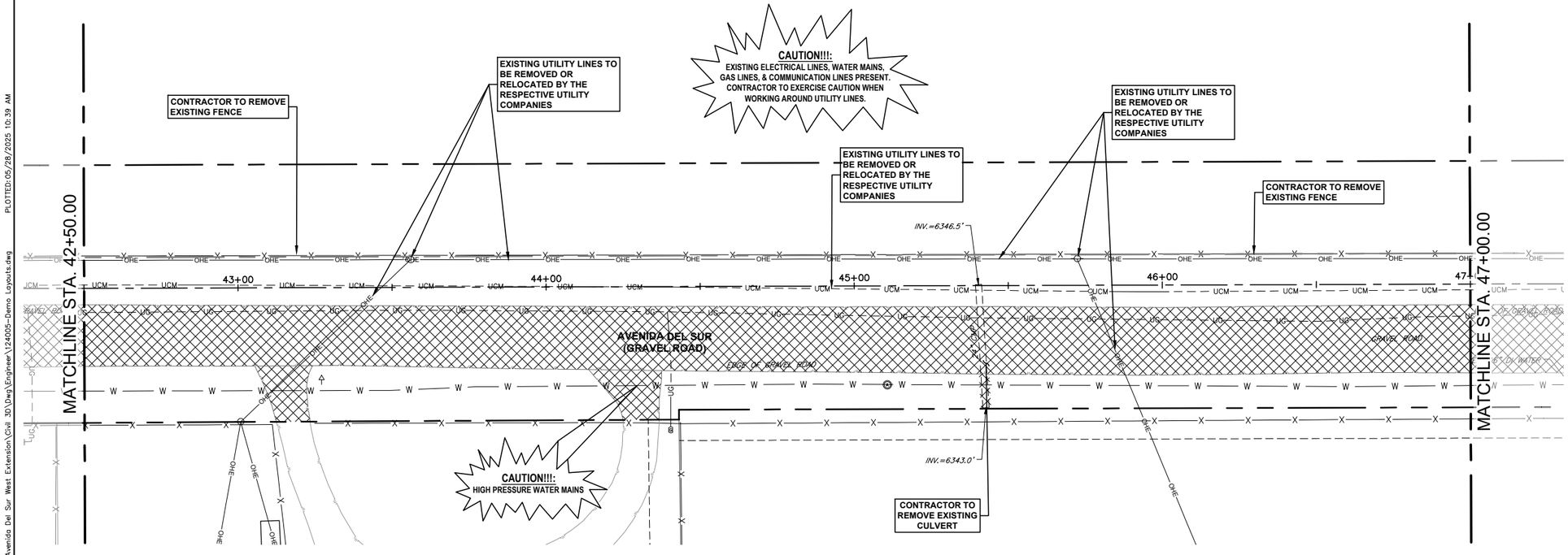
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# AVENIDA DEL SUR

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

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CDS muery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# PROJECT DEMOLITION LAYOUTS

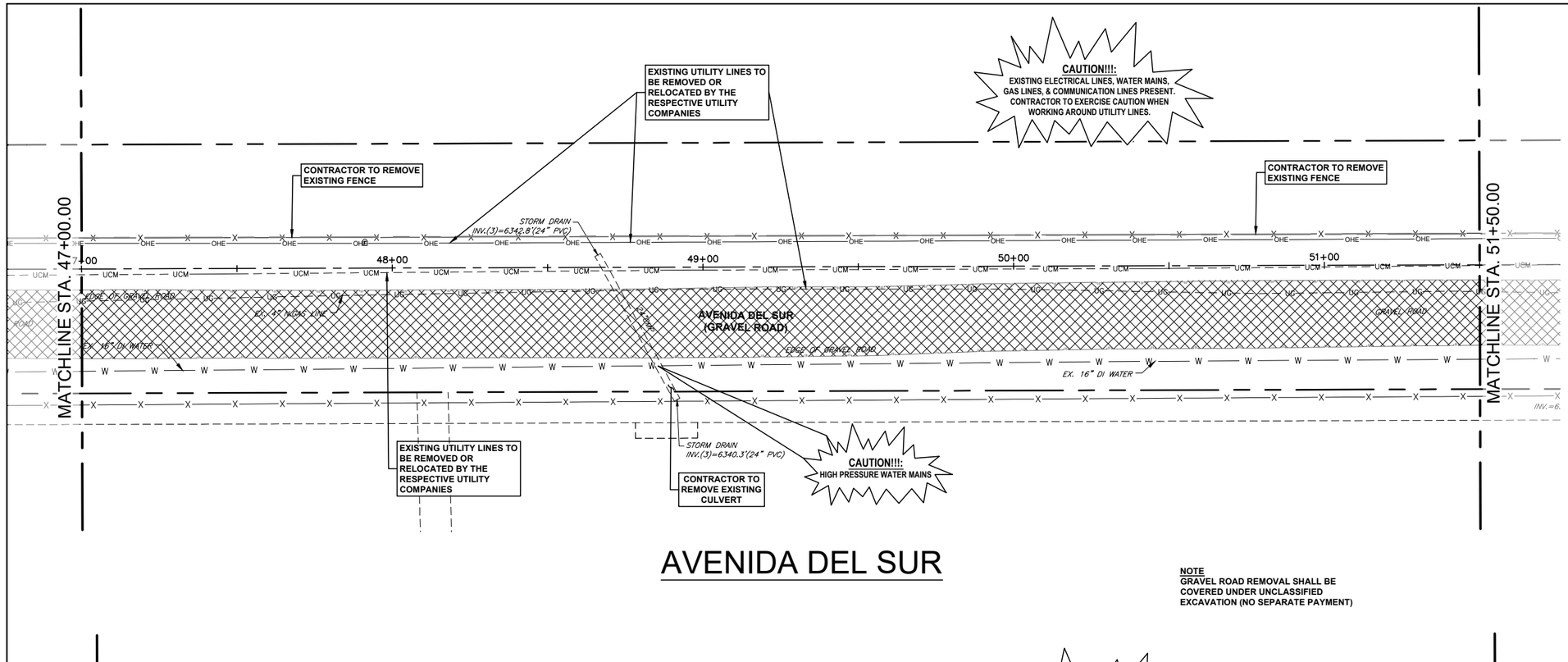
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 41 |

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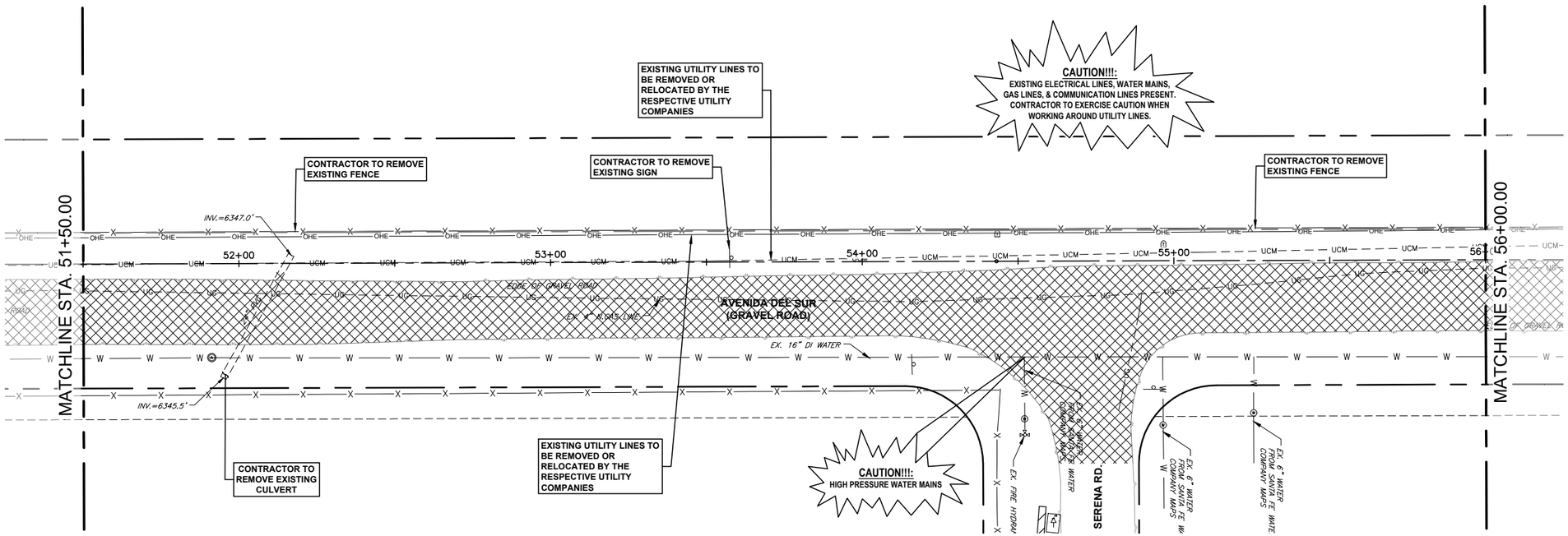
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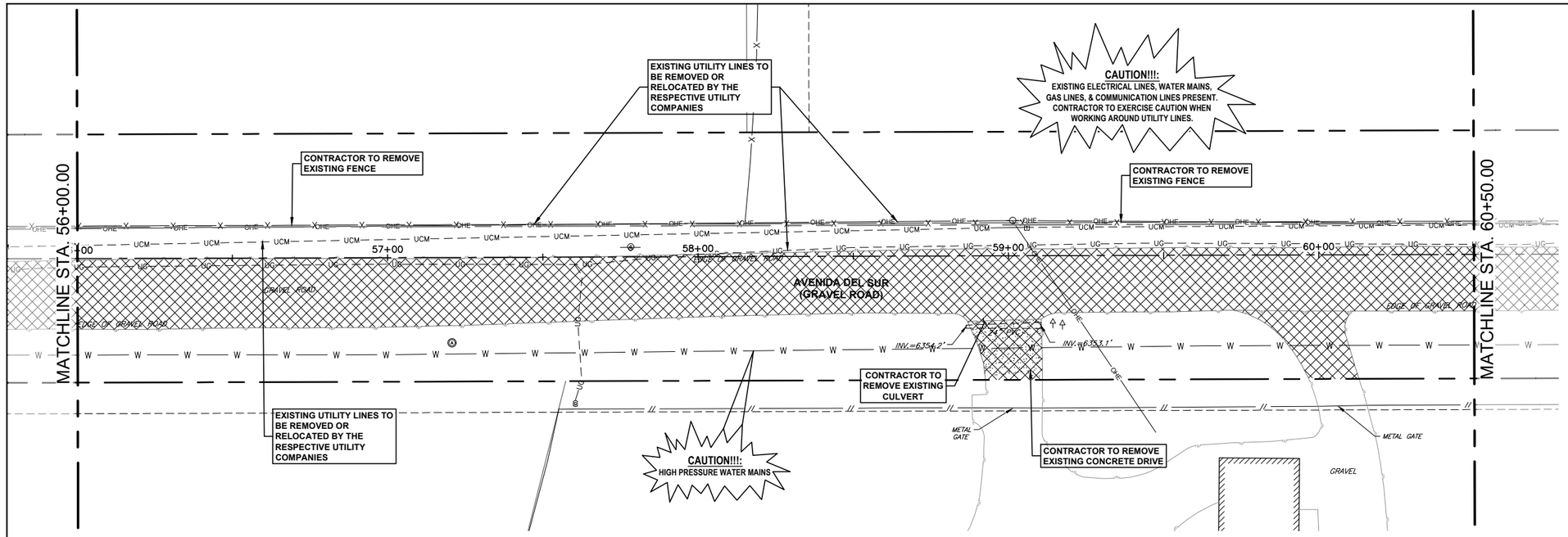
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 42 |

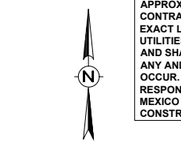
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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# AVENIDA DEL SUR

**NOTE**
**GRAVEL ROAD REMOVAL SHALL BE COVERED UNDER UNCLASSIFIED EXCAVATION (NO SEPARATE PAYMENT)**




**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

## DEMOLITION LEGEND

DEMOLITION AREA

**SITE DEMOLITION NOTES**

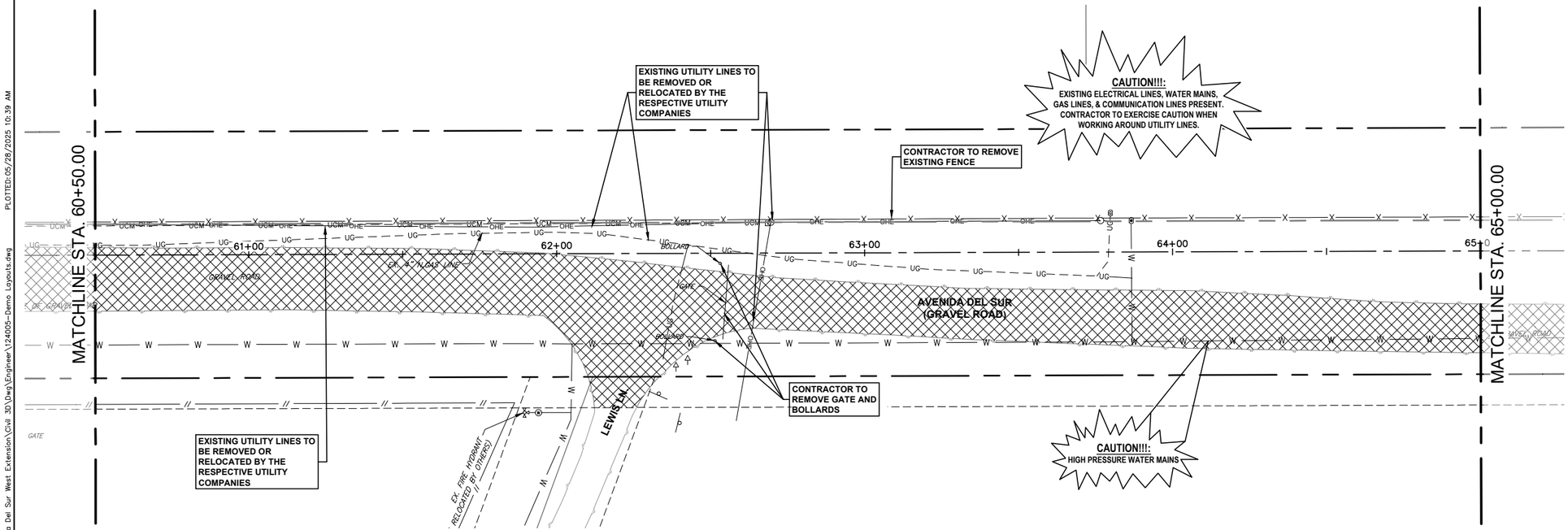
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**EXISTING UTILITY INFORMATION**

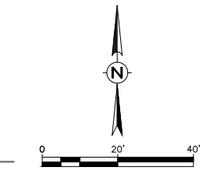
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# AVENIDA DEL SUR




MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
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CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

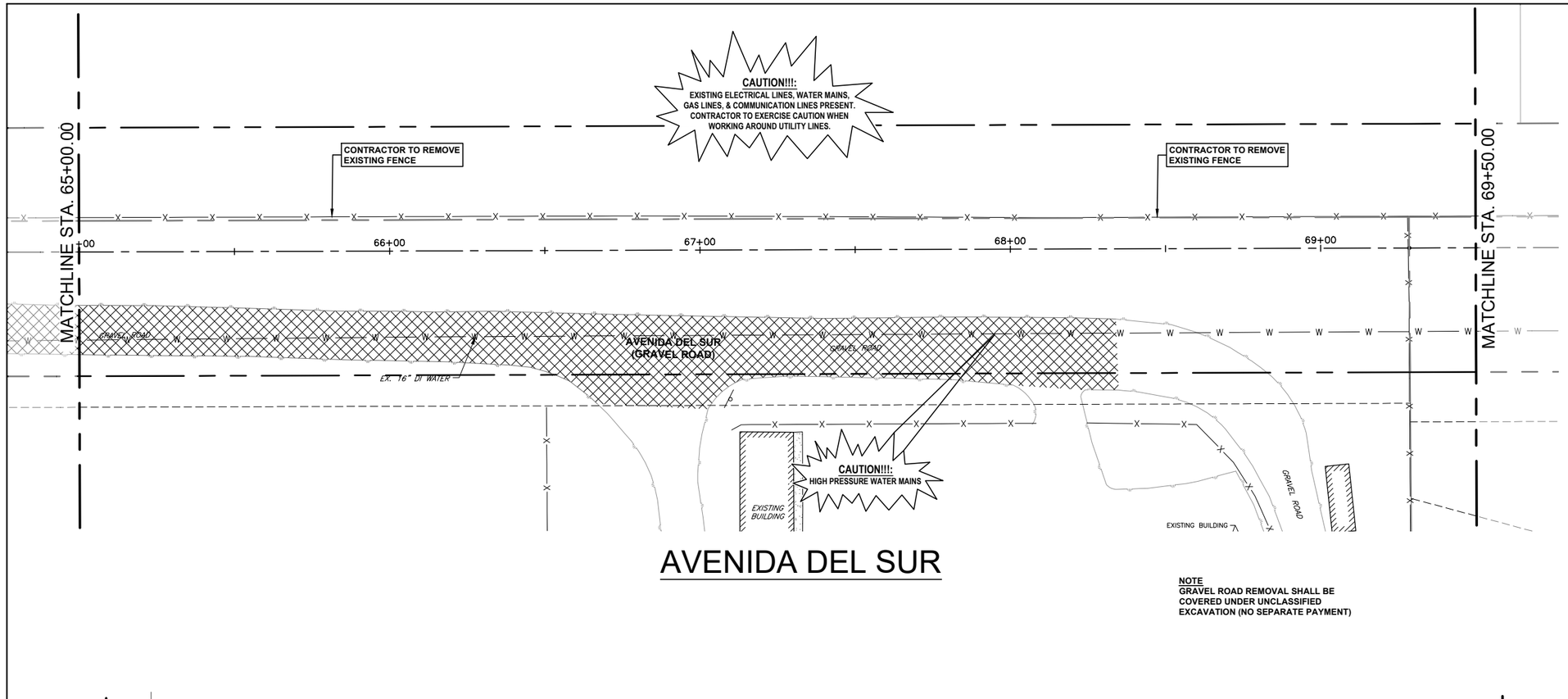
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

PROJECT DEMOLITION LAYOUTS

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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 43 |

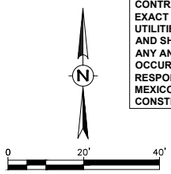
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# AVENIDA DEL SUR

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nm811 Know what's below. Call before you dig.

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DEMOLITION AREA

**SITE DEMOLITION NOTES**

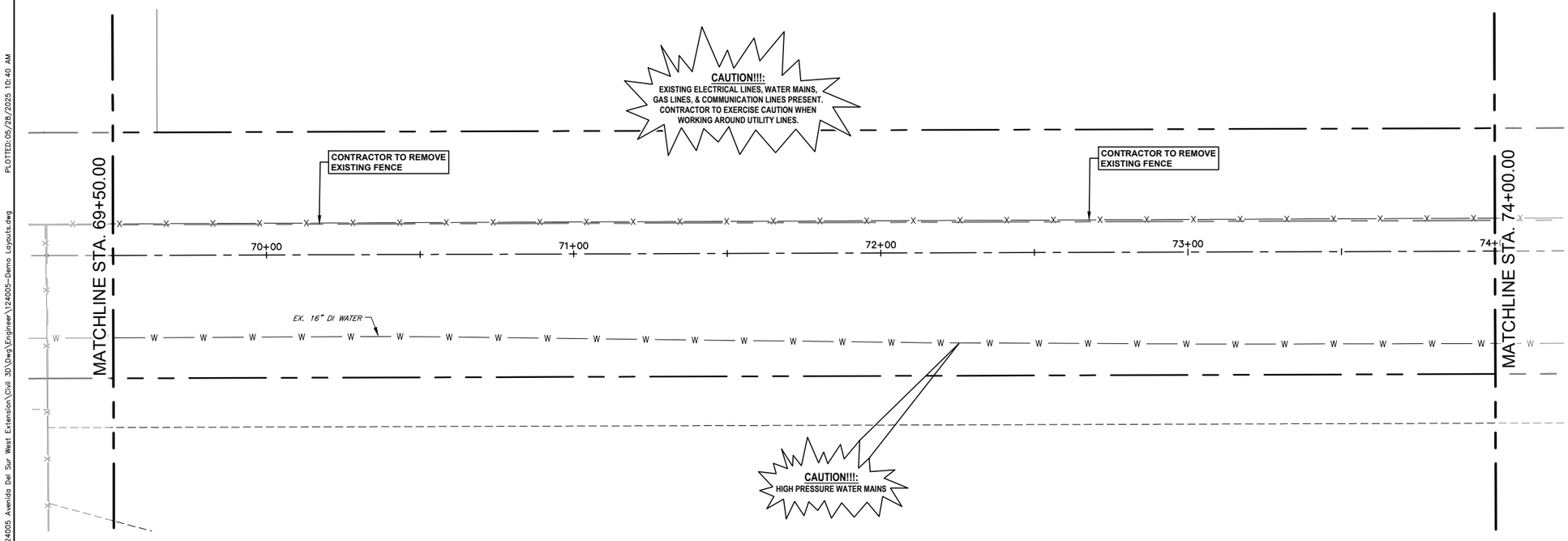
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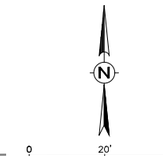
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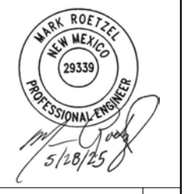
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# AVENIDA DEL SUR




| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
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CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

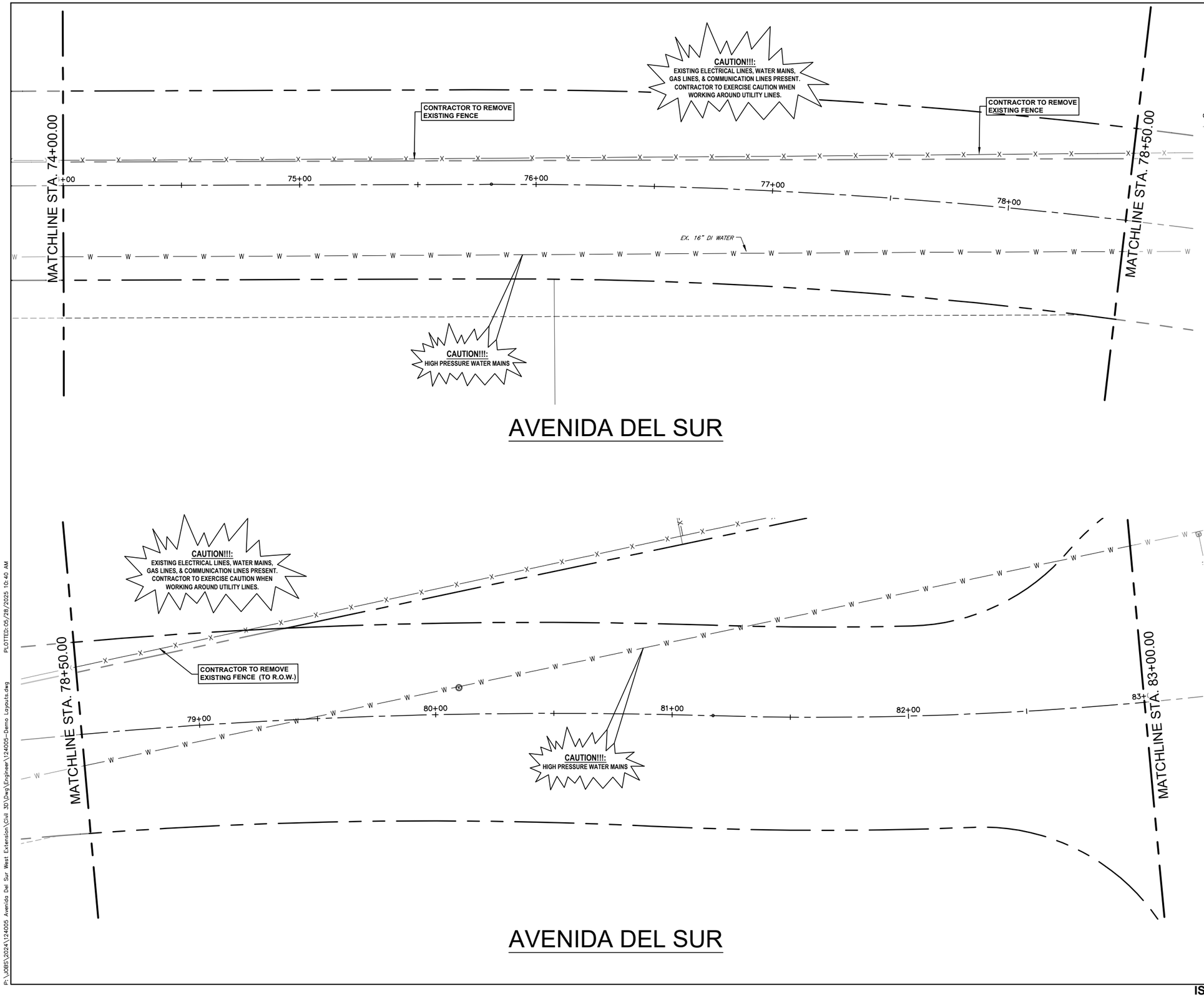
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## PROJECT DEMOLITION LAYOUTS

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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 44 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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DEMOLITION AREA

**SITE DEMOLITION NOTES**

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

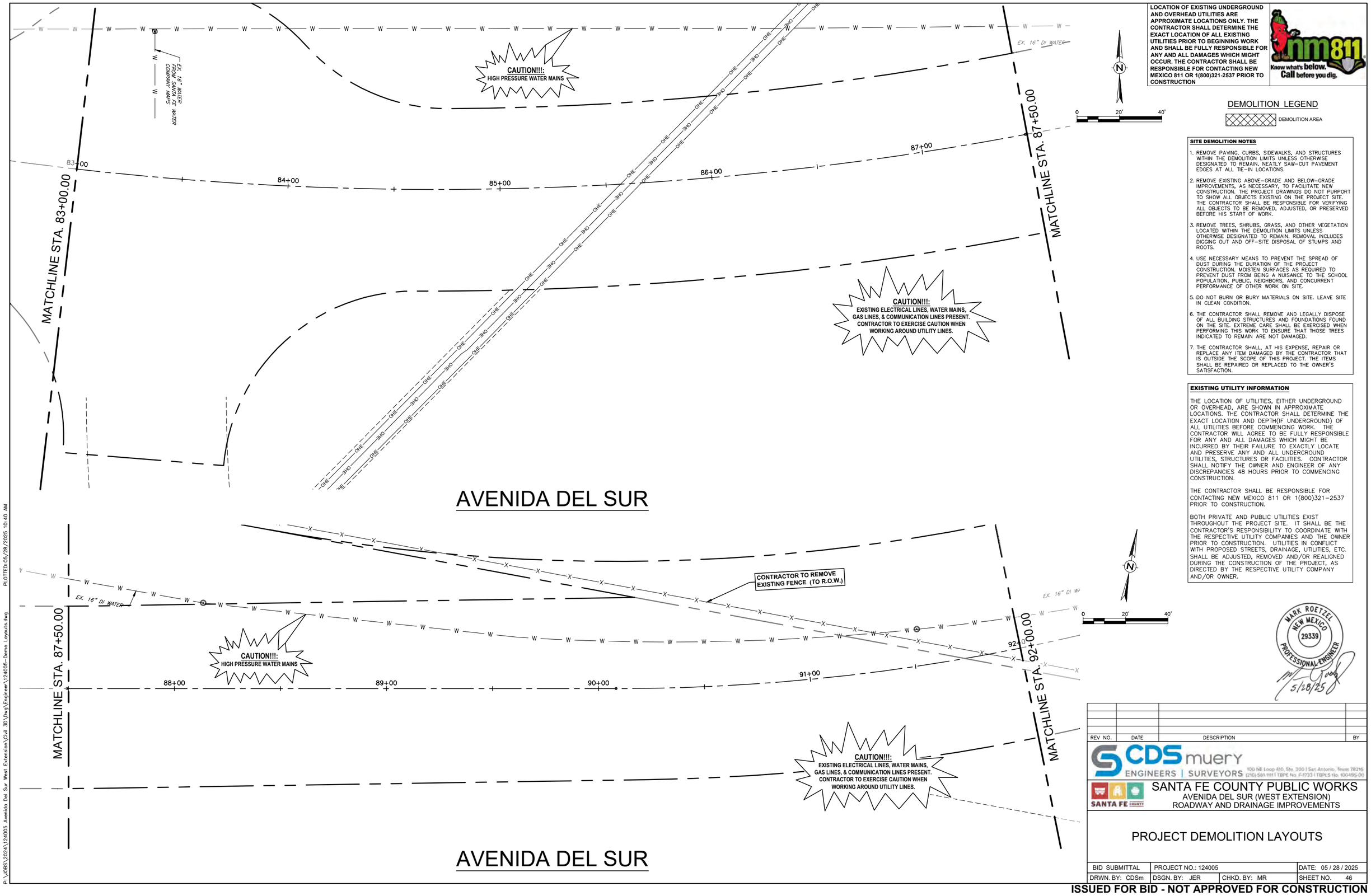
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# PROJECT DEMOLITION LAYOUTS

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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 45 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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DEMOLITION AREA

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

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CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## PROJECT DEMOLITION LAYOUTS

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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 46 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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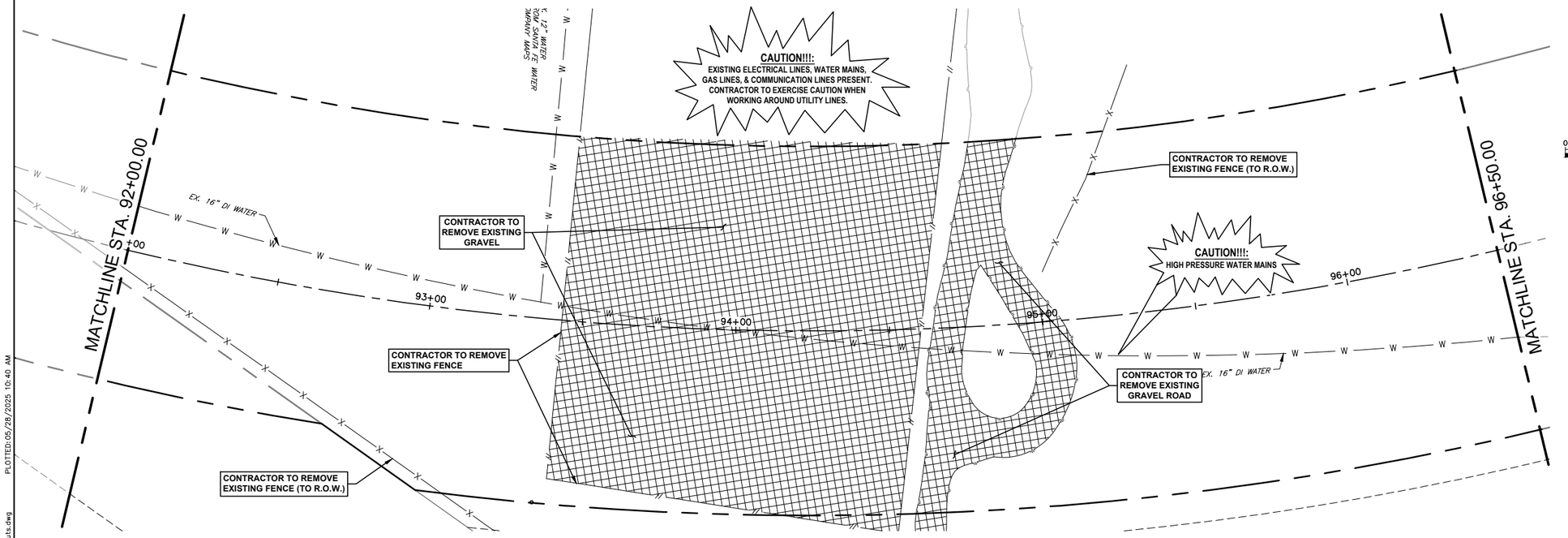
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5/28/25

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CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

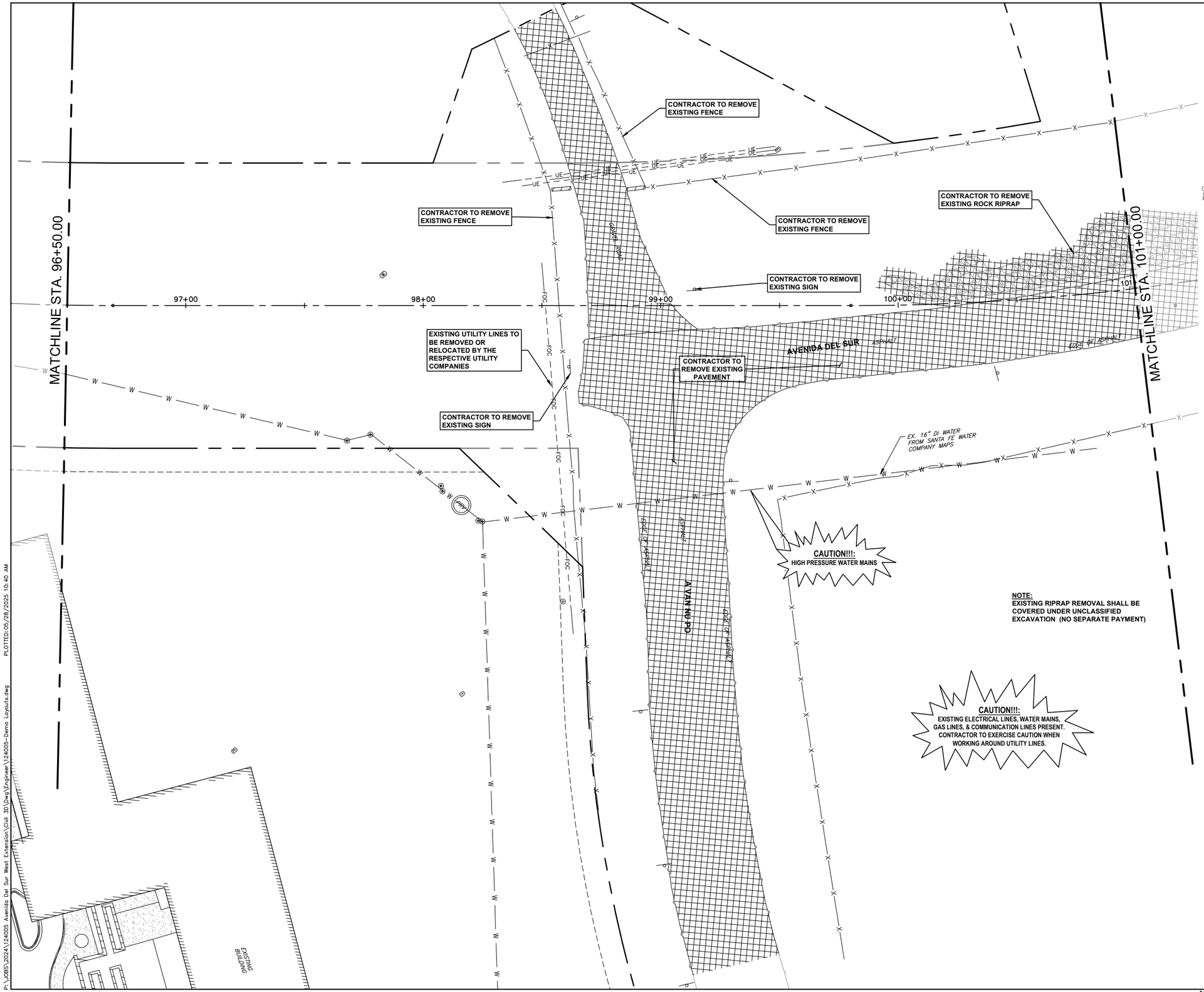
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# PROJECT DEMOLITION LAYOUTS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 47 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

## DEMOLITION LEGEND

DEMOLITION AREA

### SITE DEMOLITION NOTES

1. REMOVE PAVING, CURBS, SIDEWALKS, AND STRUCTURES WITHIN THE DEMOLITION LIMITS UNLESS OTHERWISE DESIGNATED TO REMAIN. NEATLY SAW-CUT PAVEMENT EDGES AT ALL TIE-IN LOCATIONS.
2. REMOVE EXISTING ABOVE-GRADE AND BELOW-GRADE IMPROVEMENTS, AS NECESSARY, TO FACILITATE NEW CONSTRUCTION. THE PROJECT DRAWINGS DO NOT PURPORT TO SHOW ALL OBJECTS EXISTING ON THE PROJECT SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL OBJECTS TO BE REMOVED, ADJUSTED, OR PRESERVED BEFORE HIS START OF WORK.
3. REMOVE TREES, SHRUBS, GRASS, AND OTHER VEGETATION LOCATED WITHIN THE DEMOLITION LIMITS UNLESS OTHERWISE DESIGNATED TO REMAIN. REMOVAL INCLUDES DIGGING OUT AND OFF-SITE DISPOSAL OF STUMPS AND ROOTS.
4. USE NECESSARY MEANS TO PREVENT THE SPREAD OF DUST DURING THE DURATION OF THE PROJECT CONSTRUCTION. MOISTEN SURFACES AS REQUIRED TO PREVENT DUST FROM BEING A NUISANCE TO THE SCHOOL POPULATION, PUBLIC, NEIGHBORS, AND CONCURRENT PERFORMANCE OF OTHER WORK ON SITE.
5. DO NOT BURN OR BURY MATERIALS ON SITE. LEAVE SITE IN CLEAN CONDITION.
6. THE CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL BUILDING STRUCTURES AND FOUNDATIONS FOUND ON THE SITE. EXTREME CARE SHALL BE EXERCISED WHEN PERFORMING THIS WORK TO ENSURE THAT THOSE TREES INDICATED TO REMAIN ARE NOT DAMAGED.
7. THE CONTRACTOR SHALL, AT HIS EXPENSE, REPAIR OR REPLACE ANY ITEM DAMAGED BY THE CONTRACTOR THAT IS OUTSIDE THE SCOPE OF THIS PROJECT. THE ITEMS SHALL BE REPAIRED OR REPLACED TO THE OWNER'S SATISFACTION.

### EXISTING UTILITY INFORMATION

THE LOCATION OF UTILITIES, EITHER UNDERGROUND OR OVERHEAD, ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND DEPTH(IF UNDERGROUND) OF ALL UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION.

BOTH PRIVATE AND PUBLIC UTILITIES EXIST THROUGHOUT THE PROJECT SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES AND THE OWNER PRIOR TO CONSTRUCTION. UTILITIES IN CONFLICT WITH PROPOSED STREETS, DRAINAGE, UTILITIES, ETC. SHALL BE ADJUSTED, REMOVED AND/OR REALIGNED DURING THE CONSTRUCTION OF THE PROJECT, AS DIRECTED BY THE RESPECTIVE UTILITY COMPANY AND/OR OWNER.

**NOTE:**
**EXISTING RIPRAP REMOVAL SHALL BE COVERED UNDER UNCLASSIFIED EXCAVATION (NO SEPARATE PAYMENT)**

**CAUTION!!!:**
**EXISTING ELECTRICAL LINES, WATER MAINS, GAS LINES, & COMMUNICATION LINES PRESENT. CONTRACTOR TO EXERCISE CAUTION WHEN WORKING AROUND UTILITY LINES.**

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## PROJECT DEMOLITION LAYOUTS

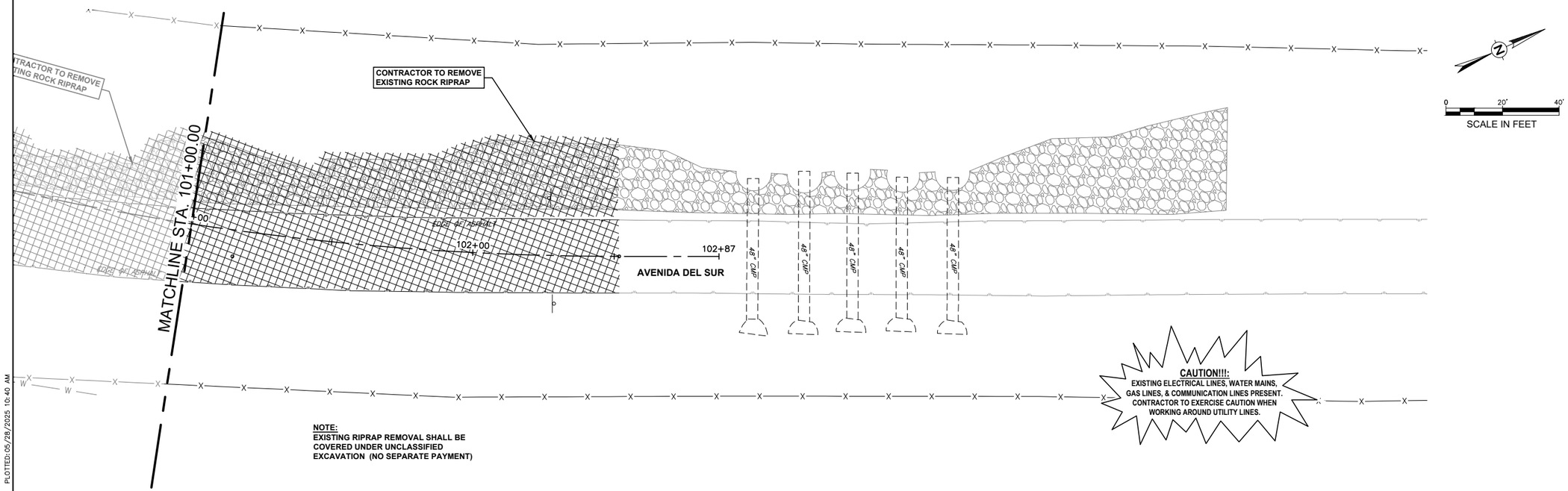
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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 48 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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# AVENIDA DEL SUR

## DEMOLITION LEGEND

DEMOLITION AREA

### SITE DEMOLITION NOTES

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

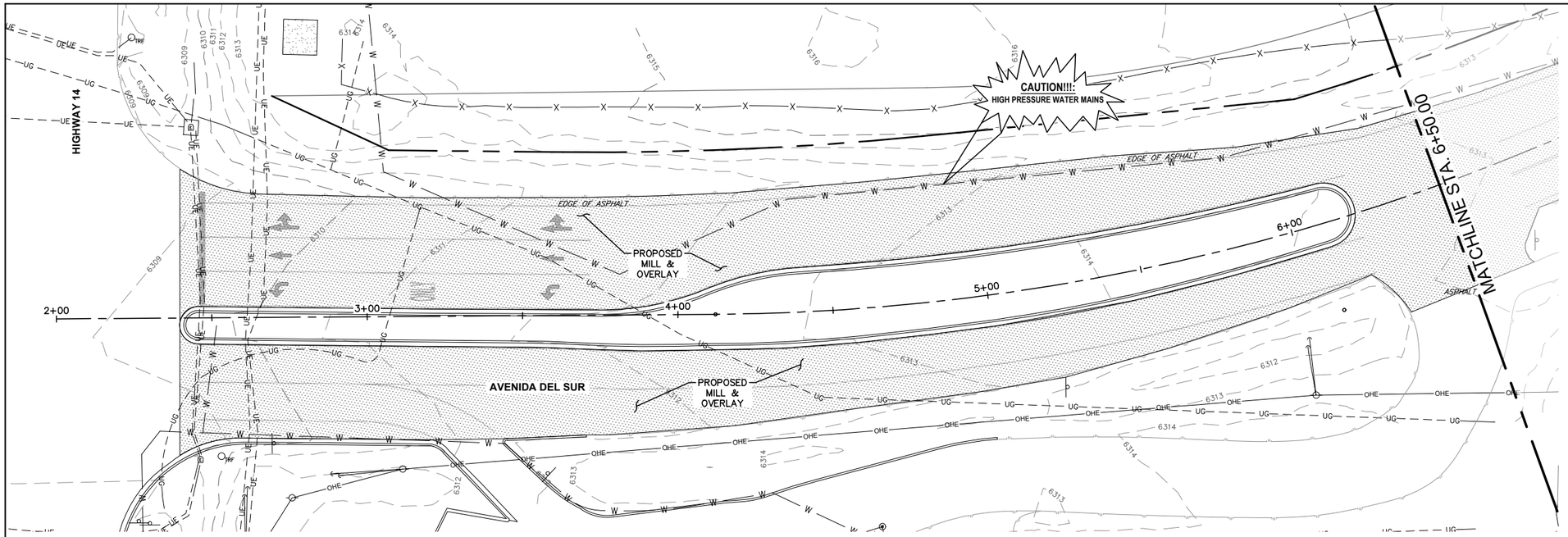
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

PROJECT DEMOLITION LAYOUTS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 49 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:40 AM
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# AVENIDA DEL SUR

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

N

0 20' 40'

SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = ESTIMATED QUANTITY | | |
| SPI | = SEPARATE PAY ITEM | | |
| NSPI | = NO SEPARATE PAY ITEM | | |
| GRVL | = GRAVEL PAVEMENT | | |
| HMAC | = HOT MIX ASPHALT CONC | | |
| SDWK | = CONCRETE SIDEWALK | | |
| SD | = STORM DRAIN PIPE | | |
| RCP | = REINFORCED CONC PIPE | | |
| SBC | = SINGLE BOX CULVERT | | |
| MBC | = MULTIPLE BOX CULVERT | | |
| INV | = INVERT ELEVATION | | |
| TC | = TOP OF CURB ELEVATION | | |
| GT | = GUTTER ELEVATION | | |
| FL | = FLOWLINE ELEVATION | | |
| CONC | = CONCRETE | DRWY | = DRIVEWAY |
| REM | = REMOVE | TEMP | = TEMPORARY |
| EXIST | = EXISTING | COMM | = COMMERCIAL |
| RT | = RIGHT | SHT | = SHEET |
| LT | = LEFT | PVMT | = PAVEMENT |
| TYP | = TYPICAL | ASPH | = ASPHALT |
| RET. | = RETURN | ESMT | = EASEMENT |
| STA. | = STATION | UNK | = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100195-00

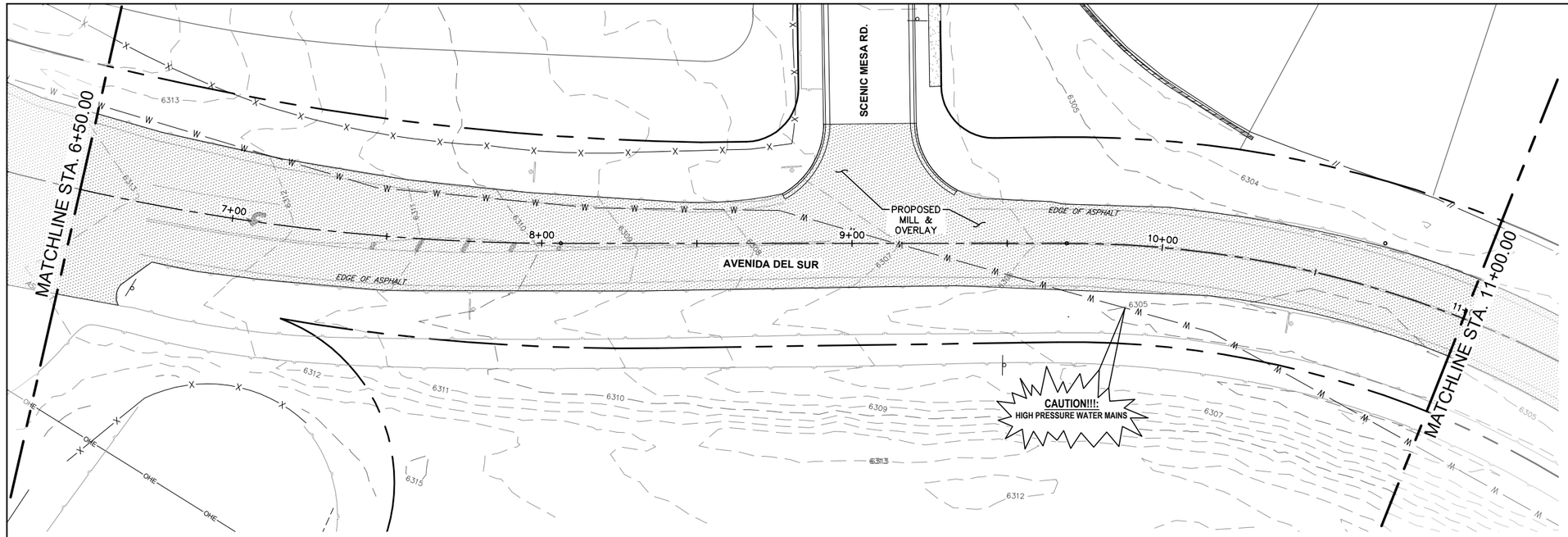
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 50 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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# AVENIDA DEL SUR

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

0 20' 40'
SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
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EXISTING

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- RIGHT-OF-WAY(PROPOSED)
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- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
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- S — SEWER SERVICE LATERAL
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- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
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- MB07 MAILBOX NUMBER

ABBREVIATIONS

| | | | | | |
|---|---|---|---|---|---|
| EST | = | ESTIMATED QUANTITY | CONC | = | CONCRETE |
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| HMAC | = | HOT MIX ASPHALT CONC | LT | = | LEFT |
| SDWK | = | CONCRETE SIDEWALK | TYP | = | TYPICAL |
| SD | = | STORM DRAIN PIPE | RET. | = | RETURN |
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| SBC | = | SINGLE BOX CULVERT | DRWY | = | DRIVEWAY |
| MBC | = | MULTIPLE BOX CULVERT | TEMP | = | TEMPORARY |
| INV | = | INVERT ELEVATION | COMM | = | COMMERCIAL |
| TC | = | TOP OF CURB ELEVATION | SHT | = | SHEET |
| GT | = | GUTTER ELEVATION | PVMT | = | PAVEMENT |
| FL | = | FLOWLINE ELEVATION | ASPH | = | ASPHALT |
| | | | ESMT | = | EASEMENT |
| | | | UNK | = | UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

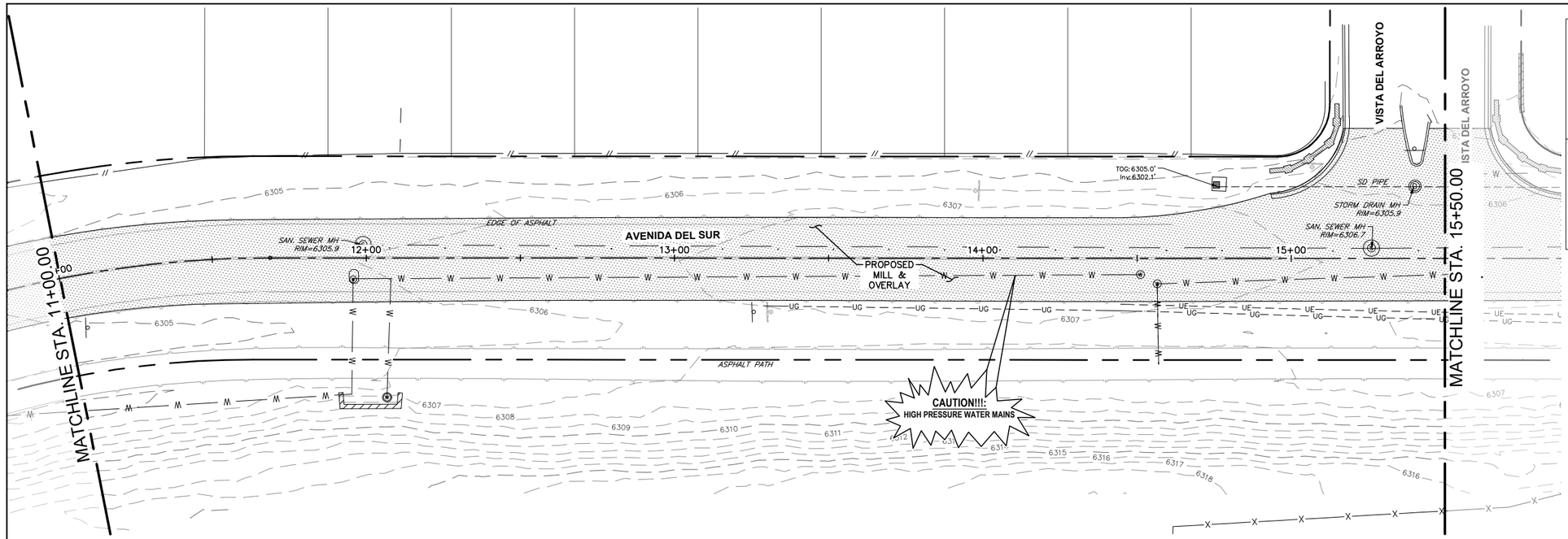
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# AVENIDA DEL SUR
# ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 51 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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# AVENIDA DEL SUR

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nm811 Know what's below. Call before you dig.

N

0 20' 40'

SCALE IN FEET

## LEGEND

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| | | | ESMT | = | EASEMENT |
| | | | UNK | = | UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100195-00

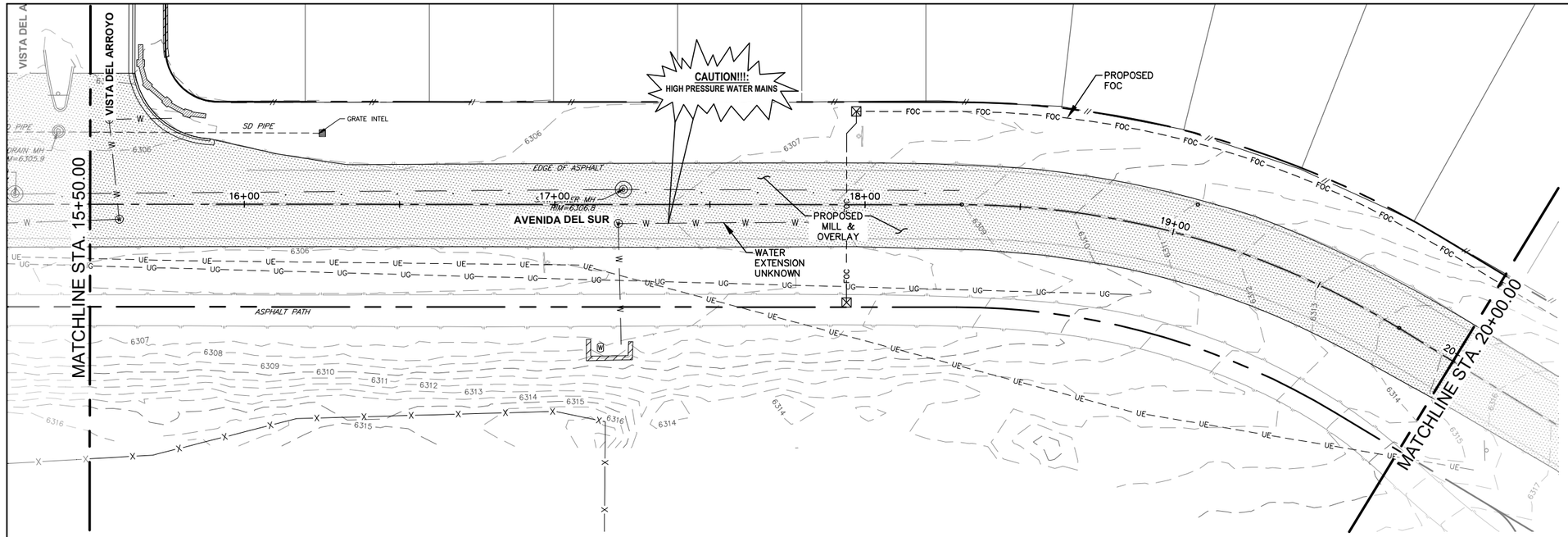
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# AVENIDA DEL SUR
# ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 52 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg PLOTTED:05/28/2025 10:45 AM




# AVENIDA DEL SUR

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

N

0 20' 40'

SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

ABBREVIATIONS

| | | | | | |
|---|---|---|---|---|---|
| EST | = | ESTIMATED QUANTITY | CONC | = | CONCRETE |
| SPI | = | SEPARATE PAY ITEM | REM | = | REMOVE |
| NSPI | = | NO SEPARATE PAY ITEM | EXIST | = | EXISTING |
| GRVL | = | GRAVEL PAVEMENT | RT | = | RIGHT |
| HMAC | = | HOT MIX ASPHALT CONC | LT | = | LEFT |
| SDWK | = | CONCRETE SIDEWALK | TYP | = | TYPICAL |
| SD | = | STORM DRAIN PIPE | RET. | = | RETURN |
| RCP | = | REINFORCED CONC PIPE | STA. | = | STATION |
| SBC | = | SINGLE BOX CULVERT | DRWY | = | DRIVEWAY |
| MBC | = | MULTIPLE BOX CULVERT | TEMP | = | TEMPORARY |
| INV | = | INVERT ELEVATION | COMM | = | COMMERCIAL |
| TC | = | TOP OF CURB ELEVATION | SHT | = | SHEET |
| GT | = | GUTTER ELEVATION | PVMT | = | PAVEMENT |
| FL | = | FLOWLINE ELEVATION | ASPH | = | ASPHALT |
| | | | ESMT | = | EASEMENT |
| | | | UNK | = | UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

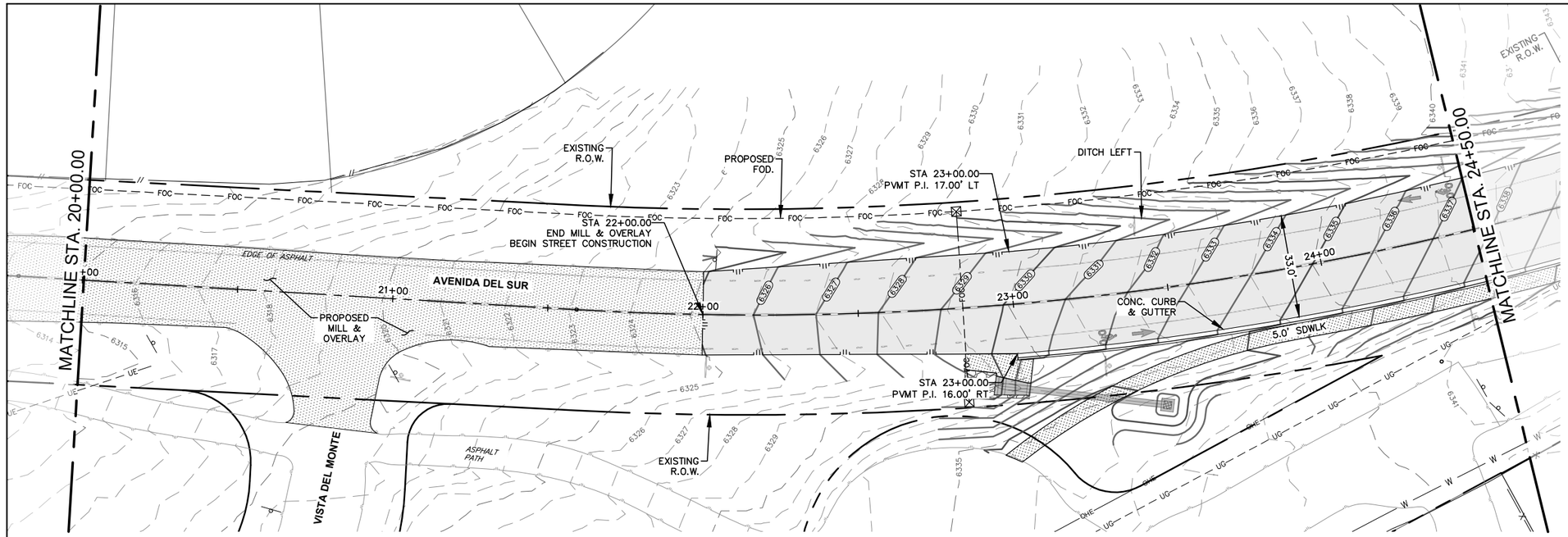
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 53 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

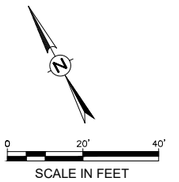
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg PLOTTED:05/28/2025 10:45 AM







LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION




## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

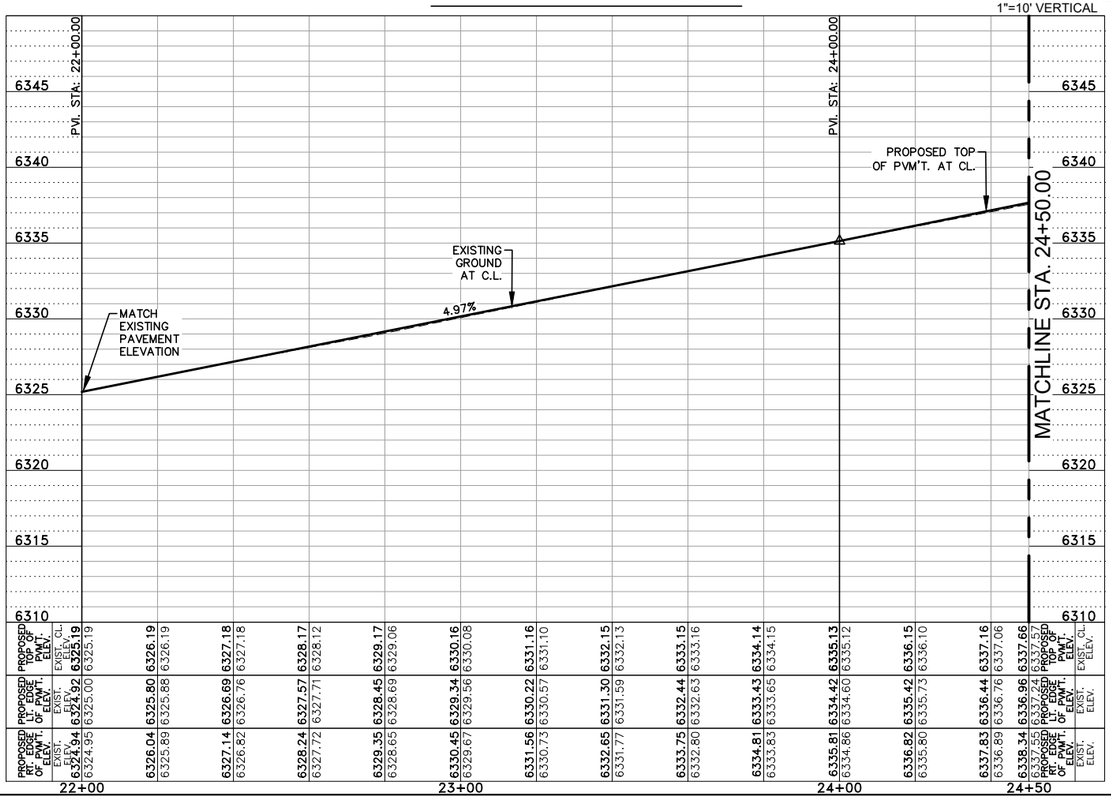
(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

12 DRIVEWAY NUMBER

MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

SCALE:
1"=40' HORIZONTAL
1"=10' VERTICAL




| | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED EDGE OF PVM'T. ELEV. | EXIST. ELEV. | PROPOSED EDGE OF PVM'T. ELEV. | EXIST. ELEV. |
|---|---|---|---|---|---|---|
| 22+00 | 6325.19 | 6325.19 | 6324.92 | 6325.00 | 6324.94 | 6324.95 |
| | 6326.19 | 6326.19 | 6325.80 | 6325.88 | 6325.89 | 6325.89 |
| | 6327.18 | 6327.18 | 6326.69 | 6326.76 | 6326.82 | 6326.82 |
| | 6328.17 | 6328.12 | 6327.57 | 6327.71 | 6327.72 | 6327.72 |
| | 6329.17 | 6329.06 | 6328.45 | 6328.69 | 6328.35 | 6328.65 |
| 23+00 | 6330.16 | 6330.08 | 6329.34 | 6329.56 | 6330.45 | 6329.67 |
| | 6331.16 | 6331.10 | 6330.22 | 6330.57 | 6331.56 | 6330.73 |
| | 6332.15 | 6332.13 | 6331.30 | 6331.59 | 6331.77 | 6331.77 |
| | 6333.15 | 6333.16 | 6332.44 | 6332.63 | 6333.75 | 6332.80 |
| | 6334.14 | 6334.15 | 6333.43 | 6333.65 | 6334.81 | 6333.83 |
| 24+00 | 6335.13 | 6335.12 | 6334.42 | 6334.60 | 6335.81 | 6334.86 |
| | 6336.15 | 6336.10 | 6335.42 | 6335.73 | 6336.82 | 6335.80 |
| 24+50 | 6337.16 | 6337.06 | 6336.44 | 6336.76 | 6337.83 | 6336.89 |
| | 6337.66 | 6337.75 | 6336.96 | 6337.22 | 6338.34 | 6337.35 |

ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = | ESTIMATED QUANTITY | |
| SPI | = | SEPARATE PAY ITEM | |
| NSPI | = | NO SEPARATE PAY ITEM | |
| GRVL | = | GRAVEL PAVEMENT | |
| HMAC | = | HOT MIX ASPHALT CONC | |
| SDWK | = | CONCRETE SIDEWALK | |
| SD | = | STORM DRAIN PIPE | |
| RCP | = | REINFORCED CONC PIPE | |
| SBC | = | SINGLE BOX CULVERT | |
| MBC | = | MULTIPLE BOX CULVERT | |
| INV | = | INVERT ELEVATION | |
| TC | = | TOP OF CURB ELEVATION | |
| GT | = | GUTTER ELEVATION | |
| FL | = | FLOWLINE ELEVATION | |
| CONC | = | CONCRETE | |
| REM | = | REMOVE | |
| EXIST | = | EXISTING | |
| RT | = | RIGHT | |
| LT | = | LEFT | |
| TYP | = | TYPICAL | |
| RET. | = | RETURN | |
| STA. | = | STATION | |
| DRWY | = | DRIVEWAY | |
| TEMP | = | TEMPORARY | |
| COMM | = | COMMERCIAL | |
| SHT | = | SHEET | |
| PVMT | = | PAVEMENT | |
| ASPH | = | ASPHALT | |
| ESMT | = | EASEMENT | |
| UNK | = | UNKNOWN | |




| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100195-00

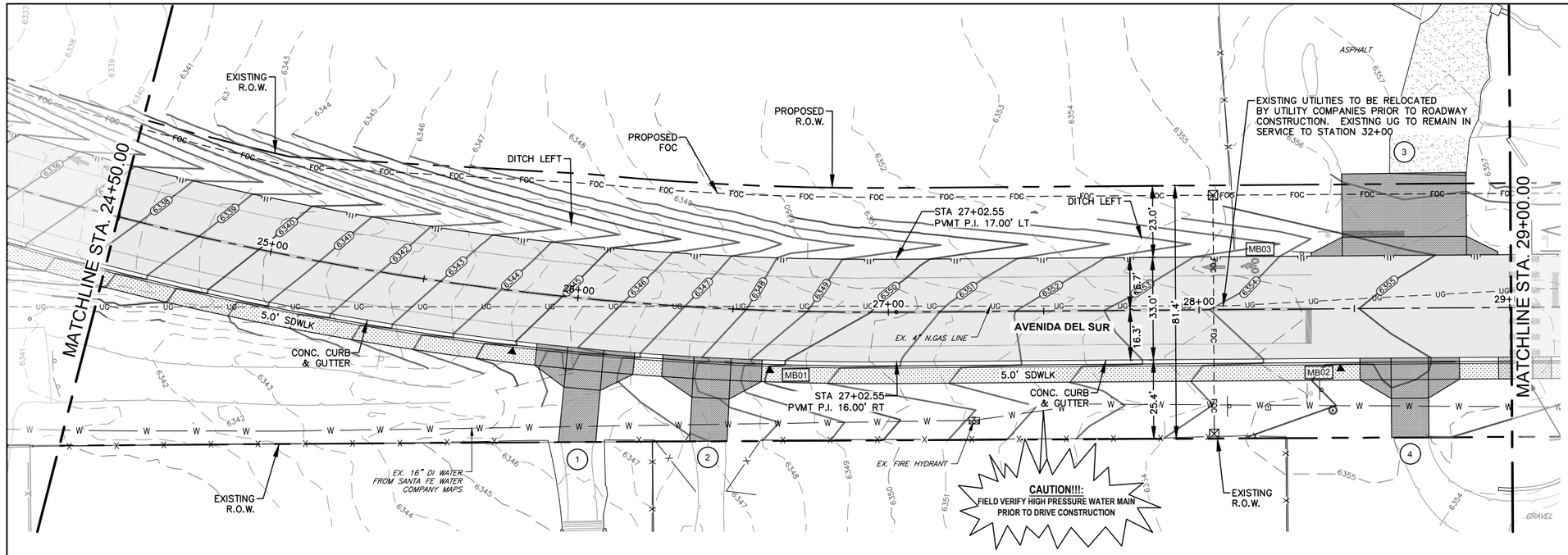
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 54 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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nm811 Know what's below. Call before you dig.

0 20' 40'
SCALE IN FEET

## LEGEND

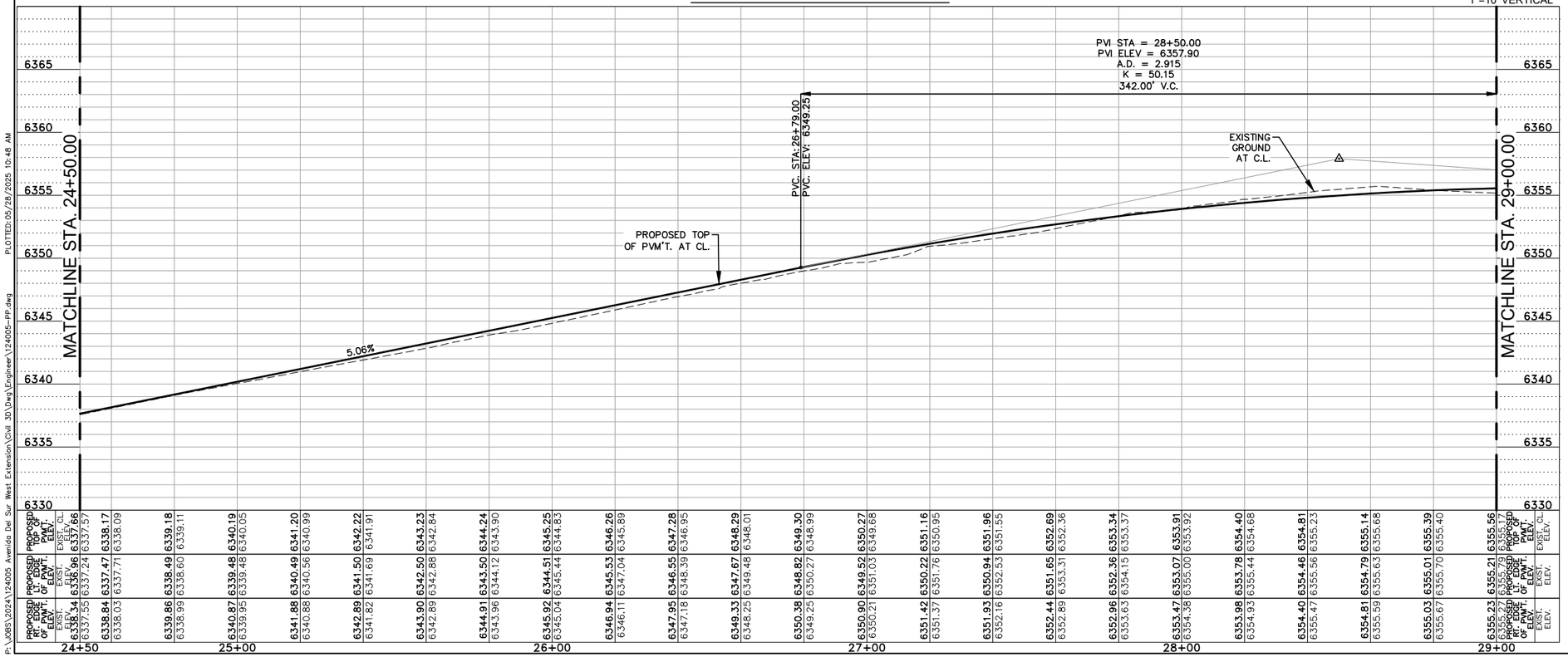
EXISTING
- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
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- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
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- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 — DRIVEWAY NUMBER
- MB07 — MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| PROPOSED TOP OF PVM'T. ELEV. | PROPOSED FOC ELEV. | EXIST. CL ELEV. |
|---|---|---|
| 6337.66 | 6338.34 | 6336.96 |
| 6338.17 | 6338.84 | 6337.47 |
| 6338.09 | 6338.03 | 6337.71 |
| 6339.18 | 6339.86 | 6338.49 |
| 6339.11 | 6338.99 | 6338.60 |
| 6340.19 | 6340.87 | 6339.48 |
| 6340.05 | 6339.95 | 6339.48 |
| 6341.20 | 6341.88 | 6340.49 |
| 6340.99 | 6340.88 | 6340.56 |
| 6342.22 | 6342.89 | 6341.50 |
| 6341.91 | 6341.82 | 6341.69 |
| 6343.23 | 6343.90 | 6342.50 |
| 6342.84 | 6342.89 | 6342.88 |
| 6344.24 | 6344.91 | 6343.50 |
| 6343.90 | 6343.96 | 6344.12 |
| 6345.25 | 6345.92 | 6344.51 |
| 6344.83 | 6345.04 | 6345.44 |
| 6346.26 | 6346.94 | 6345.53 |
| 6345.89 | 6346.11 | 6347.04 |
| 6347.28 | 6347.95 | 6346.55 |
| 6346.95 | 6347.18 | 6348.39 |
| 6348.29 | 6349.33 | 6347.67 |
| 6348.01 | 6348.25 | 6349.48 |
| 6349.30 | 6350.38 | 6348.82 |
| 6348.99 | 6349.25 | 6350.27 |
| 6350.27 | 6350.90 | 6349.52 |
| 6349.68 | 6350.21 | 6351.03 |
| 6351.16 | 6351.42 | 6350.22 |
| 6350.95 | 6351.37 | 6351.76 |
| 6351.96 | 6351.93 | 6350.94 |
| 6351.55 | 6352.16 | 6352.53 |
| 6352.69 | 6352.44 | 6351.65 |
| 6352.36 | 6352.89 | 6353.31 |
| 6353.34 | 6352.96 | 6352.36 |
| 6353.37 | 6353.63 | 6354.15 |
| 6353.91 | 6353.47 | 6353.07 |
| 6353.92 | 6354.38 | 6355.00 |
| 6354.40 | 6353.98 | 6353.78 |
| 6354.68 | 6354.93 | 6355.44 |
| 6354.81 | 6354.40 | 6354.46 |
| 6355.23 | 6355.47 | 6355.56 |
| 6355.14 | 6354.81 | 6354.79 |
| 6355.68 | 6355.59 | 6355.63 |
| 6355.39 | 6355.03 | 6355.01 |
| 6355.40 | 6355.67 | 6355.70 |
| 6355.56 | 6355.23 | 6355.21 |
| 6355.37 | 6355.23 | 6355.21 |

ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = ESTIMATED QUANTITY | CONC | = CONCRETE |
| SPI | = SEPARATE PAY ITEM | REM | = REMOVE |
| NSPI | = NO SEPARATE PAY ITEM | EXIST | = EXISTING |
| GRVL | = GRAVEL PAVEMENT | RT | = RIGHT |
| HMAC | = HOT MIX ASPHALT CONC | LT | = LEFT |
| SDWK | = CONCRETE SIDEWALK | TYP | = TYPICAL |
| SD | = STORM DRAIN PIPE | RET. | = RETURN |
| RCP | = REINFORCED CONC PIPE | STA. | = STATION |
| SBC | = SINGLE BOX CULVERT | DRWY | = DRIVEWAY |
| MBC | = MULTIPLE BOX CULVERT | TEMP | = TEMPORARY |
| INV | = INVERT ELEVATION | COMM | = COMMERCIAL |
| TC | = TOP OF CURB ELEVATION | SHT | = SHEET |
| GT | = GUTTER ELEVATION | PVMT | = PAVEMENT |
| FL | = FLOWLINE ELEVATION | ASPH | = ASPHALT |
| | | ESMT | = EASEMENT |
| | | UNK | = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## AVENIDA DEL SUR
## ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 55 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:48 AM
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# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL

MATCHLINE STA. 29+00.00

MATCHLINE STA. 33+50.00

HIGH PT STA = 29+32.73
HIGH PT ELEV = 6355.67
P.V.I. STA = 28+50.00
P.V.I. ELEV = 6357.90
A.D. = 6.82
K = 50.15
342.00' V.C.

PVT. STA: 30+21.00
PVT. ELEV: 6354.89

PVC. STA: 30+21.00
PVC. ELEV: 6354.89

LOW POINT ELEV = 6354.11
LOW POINT STA = 31+09.71
PVI STA = 31+00.00
PVI ELEV = 6353.50
A.D. = 3.13
K = 50.40
158.00' V.C.

PVT. STA: 31+79.00
PVT. ELEV: 6354.59

PVC. STA: 32+96.00
PVC. ELEV: 6356.19

PVI STA = 34+96.00
PVI ELEV = 6358.94
A.D. = 3.743
K = 53.43
400.00' V.C.

PROPOSED TOP OF PVM'T. AT CL.

EXISTING GROUND AT C.L.

1.37%

CULVERT A
18" CMP
INV. ELEV:
6351.63

CULVERT B
18" CMP
INV. ELEV:
6350.28

| PROPOSED TOP OF PVM'T. ELEV. | PROPOSED TOP OF EDGE OF PVM'T. ELEV. | EXIST. C.L. ELEV. |
|---|---|---|
| 6355.29 | 6355.27 | 6355.65 |
| 6354.82 | 6355.88 | 6354.60 |
| 6355.23 | 6355.27 | 6355.56 |
| 6355.27 | 6355.79 | 6355.17 |
| 6355.34 | 6355.31 | 6355.66 |
| 6354.15 | 6355.56 | 6353.96 |
| 6355.23 | 6355.21 | 6355.59 |
| 6353.46 | 6355.21 | 6353.43 |
| 6355.12 | 6355.10 | 6355.44 |
| 6353.04 | 6354.85 | 6352.49 |
| 6354.86 | 6354.83 | 6355.22 |
| 6352.77 | 6354.50 | 6351.78 |
| 6354.58 | 6354.56 | 6354.91 |
| 6352.78 | 6354.40 | 6351.97 |
| 6354.31 | 6354.29 | 6354.59 |
| 6352.79 | 6354.49 | 6351.63 |
| 6354.04 | 6354.01 | 6354.35 |
| 6352.90 | 6354.80 | 6351.58 |
| 6353.92 | 6353.89 | 6354.20 |
| 6353.01 | 6355.11 | 6351.83 |
| 6353.80 | 6353.78 | 6354.12 |
| 6353.12 | 6355.75 | 6352.29 |
| 6353.84 | 6353.82 | 6354.12 |
| 6353.23 | 6356.39 | 6352.48 |
| 6353.88 | 6353.86 | 6354.20 |
| 6353.19 | 6356.44 | 6352.51 |
| 6354.08 | 6354.05 | 6354.36 |
| 6353.16 | 6355.45 | 6352.54 |
| 6354.28 | 6354.25 | 6354.60 |
| 6353.24 | 6354.49 | 6352.46 |
| 6354.55 | 6354.53 | 6354.87 |
| 6353.47 | 6354.21 | 6352.73 |
| 6354.83 | 6354.81 | 6355.15 |
| 6354.01 | 6354.50 | 6353.15 |
| 6355.10 | 6355.08 | 6355.42 |
| 6354.55 | 6355.23 | 6353.61 |
| 6355.38 | 6355.36 | 6355.70 |
| 6355.43 | 6356.06 | 6354.30 |
| 6355.65 | 6355.63 | 6355.97 |
| 6356.39 | 6358.32 | 6355.55 |
| 6355.92 | 6355.89 | 6356.25 |
| 6357.32 | 6360.52 | 6356.68 |
| 6356.12 | 6356.09 | 6356.47 |
| 6358.17 | 6362.49 | 6357.69 |
| 6356.28 | 6356.26 | 6356.62 |
| 6358.82 | 6362.85 | 6358.14 |
| 6356.31 | 6356.29 | 6356.46 |
| 6359.01 | 6363.20 | 6358.00 |

29+00 30+00 31+00 32+00 33+00 33+50

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

0 20' 40'

## LEGEND

EXISTING
- (W) WATER METER
- (E) ELECTRIC MANHOLE
- (E) ELECTRIC METER
- (SC) SEWER CLEAN OUT
- (G) GAS MANHOLE
- (D) STORM DRAIN MANHOLE
- (TE) TELEPHONE MANHOLE
- (T) TELEPHONE PEDESTAL
- (S) SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- (W) WATER VALVE
- (G) GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING
- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

12 DRIVEWAY NUMBER ▼ MB07 MAILBOX NUMBER

ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = ESTIMATED QUANTITY | | |
| SPI | = SEPARATE PAY ITEM | | |
| NSPI | = NO SEPARATE PAY ITEM | | |
| GRVL | = GRAVEL PAVEMENT | | |
| HMAC | = HOT MIX ASPHALT CONC | | |
| SDWK | = CONCRETE SIDEWALK | | |
| SD | = STORM DRAIN PIPE | | |
| RCP | = REINFORCED CONC PIPE | | |
| SBC | = SINGLE BOX CULVERT | | |
| MBC | = MULTIPLE BOX CULVERT | | |
| INV | = INVERT ELEVATION | | |
| TC | = TOP OF CURB ELEVATION | | |
| GT | = GUTTER ELEVATION | | |
| FL | = FLOWLINE ELEVATION | | |
| CONC | = CONCRETE | DRWY | = DRIVEWAY |
| REM | = REMOVE | TEMP | = TEMPORARY |
| EXIST | = EXISTING | COMM | = COMMERCIAL |
| RT | = RIGHT | SHT | = SHEET |
| LT | = LEFT | PVMT | = PAVEMENT |
| TYP | = TYPICAL | ASPH | = ASPHALT |
| RET. | = RETURN | ESMT | = EASEMENT |
| STA. | = STATION | UNK | = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

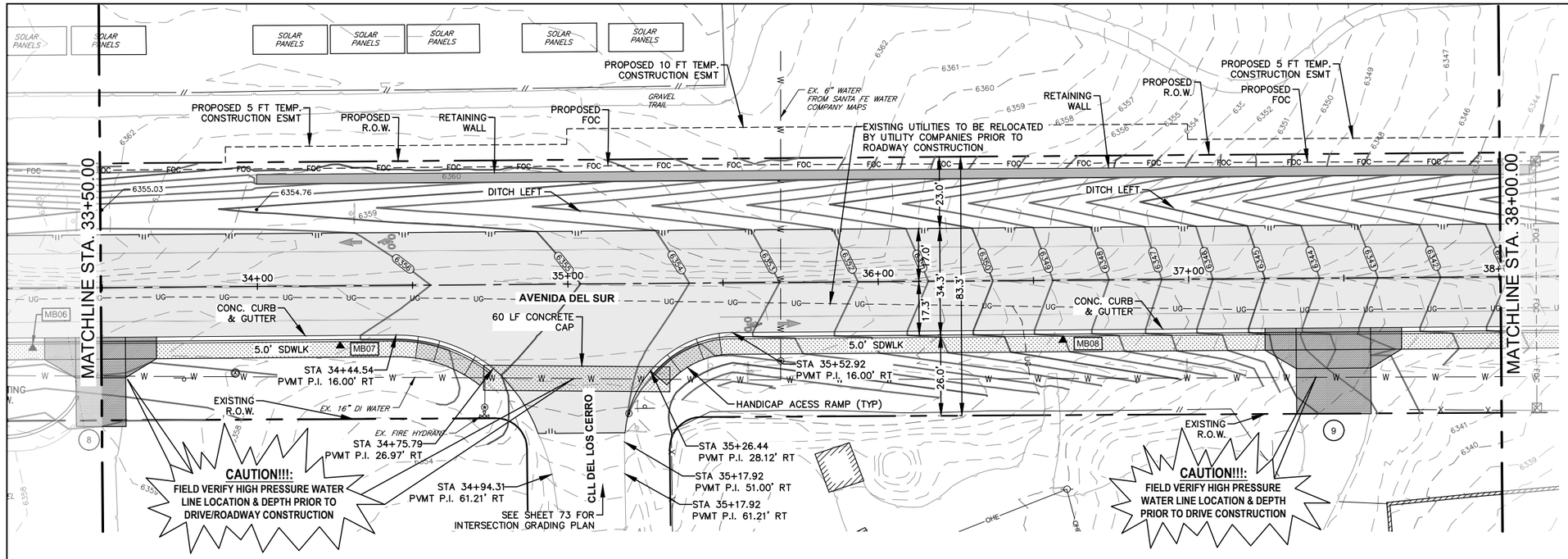
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
ROADWAY PLAN & PROFILE

| | | |
|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR |
| | | SHEET NO. 56 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:49 AM
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg




**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

0 20' 40'
SCALE IN FEET

## LEGEND

EXISTING
- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
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- GUY WIRE
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- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

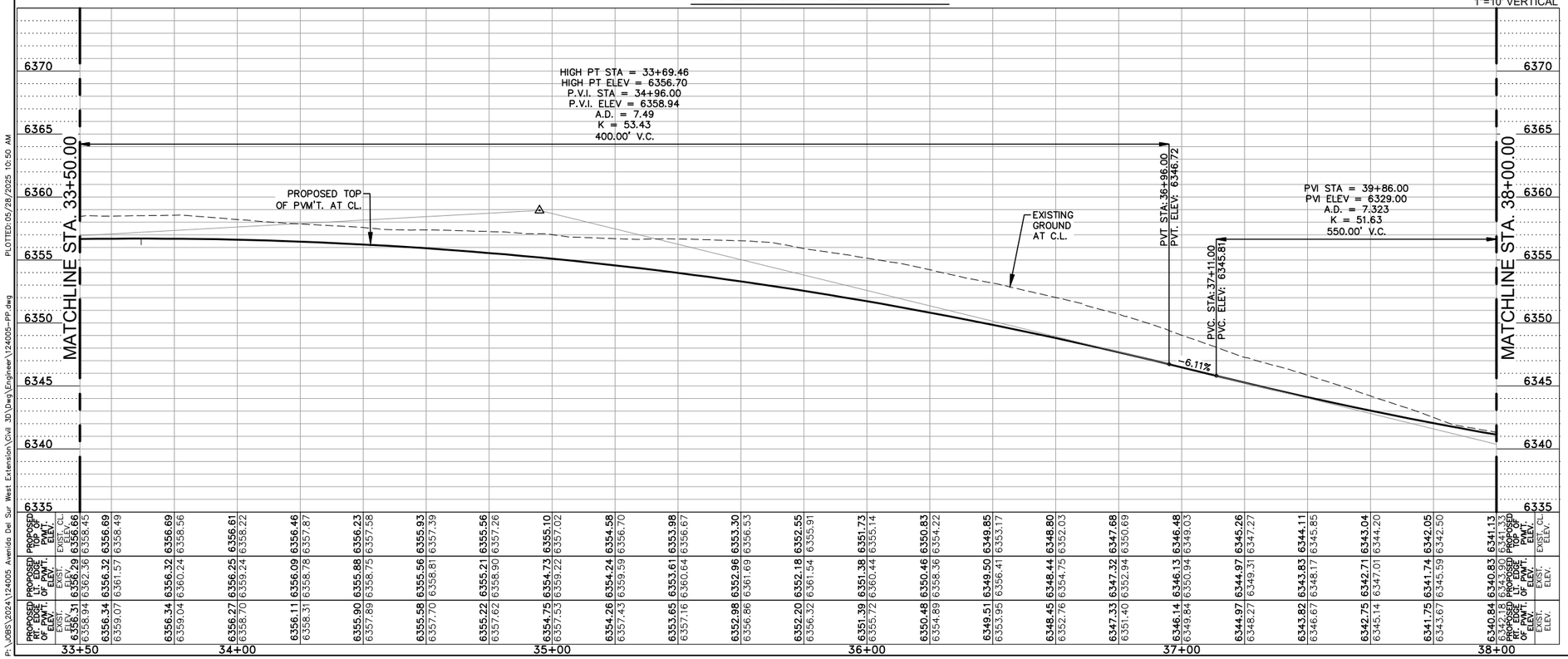
PROPOSED
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

12 DRIVEWAY NUMBER
MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| 33+50 | 34+00 | 35+00 | 36+00 | 37+00 | 38+00 |
|---|---|---|---|---|---|
| PROPOSED TOP OF PVM'T. ELEV. | 6356.66 | 6356.69 | 6356.46 | 6356.23 | 6355.93 | 6355.56 |
| EXIST. C.L. ELEV. | 6358.45 | 6358.56 | 6358.22 | 6357.87 | 6357.58 | 6357.39 | 6357.26 | 6356.90 | 6356.67 | 6356.53 | 6356.32 | 6355.91 | 6355.54 | 6355.10 | 6354.70 | 6354.58 | 6353.98 | 6353.61 | 6353.30 | 6352.96 | 6352.55 | 6352.18 | 6351.73 | 6351.38 | 6350.83 | 6350.46 | 6349.85 | 6349.50 | 6348.80 | 6348.44 | 6347.68 | 6347.32 | 6346.48 | 6346.13 | 6345.26 | 6344.97 | 6344.11 | 6343.83 | 6343.04 | 6342.71 | 6342.05 | 6341.74 | 6341.13 | 6340.83 |
| PROPOSED TOP OF PVM'T. ELEV. | 6358.29 | 6356.32 | 6356.25 | 6356.09 | 6355.88 | 6355.56 | 6355.21 | 6354.73 | 6354.24 | 6353.61 | 6352.98 | 6352.18 | 6351.38 | 6350.46 | 6349.50 | 6348.44 | 6347.32 | 6346.13 | 6344.97 | 6343.83 | 6342.71 | 6341.74 | 6340.83 | 6340.53 |
| EXIST. C.L. ELEV. | 6358.94 | 6360.24 | 6359.24 | 6358.78 | 6358.75 | 6358.81 | 6358.90 | 6359.22 | 6359.59 | 6360.64 | 6361.69 | 6361.54 | 6360.44 | 6358.36 | 6356.41 | 6354.75 | 6352.94 | 6350.94 | 6349.31 | 6348.17 | 6347.01 | 6345.59 | 6343.67 | 6342.94 |
| PROPOSED TOP OF PVM'T. ELEV. | 6356.31 | 6356.27 | 6356.11 | 6355.90 | 6355.58 | 6355.22 | 6354.75 | 6354.24 | 6353.65 | 6352.98 | 6352.20 | 6351.39 | 6350.48 | 6349.51 | 6348.45 | 6347.33 | 6346.14 | 6344.97 | 6343.82 | 6342.75 | 6341.75 | 6340.84 | 6340.54 |
| EXIST. C.L. ELEV. | 6359.07 | 6358.70 | 6358.31 | 6357.89 | 6357.70 | 6357.62 | 6357.53 | 6357.43 | 6357.16 | 6356.86 | 6356.32 | 6355.72 | 6354.89 | 6353.95 | 6353.17 | 6352.76 | 6351.40 | 6349.84 | 6348.27 | 6346.67 | 6345.14 | 6343.67 | 6342.46 |
| PROPOSED TOP OF PVM'T. ELEV. | 6356.34 | 6356.32 | 6356.09 | 6355.88 | 6355.56 | 6355.21 | 6354.73 | 6354.24 | 6353.61 | 6352.96 | 6352.18 | 6351.38 | 6350.46 | 6349.50 | 6348.44 | 6347.32 | 6346.13 | 6344.97 | 6343.83 | 6342.71 | 6341.74 | 6340.83 | 6340.53 |
| EXIST. C.L. ELEV. | 6359.04 | 6360.24 | 6359.24 | 6358.78 | 6358.75 | 6358.81 | 6358.90 | 6359.22 | 6359.59 | 6360.64 | 6361.69 | 6361.54 | 6360.44 | 6358.36 | 6356.41 | 6354.75 | 6352.94 | 6350.94 | 6349.31 | 6348.17 | 6347.01 | 6345.59 | 6343.67 | 6342.94 |
| PROPOSED TOP OF PVM'T. ELEV. | 6356.69 | 6356.69 | 6356.46 | 6356.23 | 6355.93 | 6355.56 | 6355.21 | 6354.73 | 6354.24 | 6353.61 | 6352.98 | 6352.20 | 6351.39 | 6350.48 | 6349.51 | 6348.45 | 6347.33 | 6346.14 | 6344.97 | 6343.82 | 6342.75 | 6341.75 | 6340.84 | 6340.54 |
| EXIST. C.L. ELEV. | 6358.49 | 6358.56 | 6358.22 | 6357.87 | 6357.58 | 6357.39 | 6357.26 | 6356.90 | 6356.67 | 6356.53 | 6356.32 | 6355.91 | 6355.54 | 6355.10 | 6354.70 | 6354.58 | 6353.98 | 6353.61 | 6353.30 | 6352.96 | 6352.55 | 6352.18 | 6351.73 | 6351.38 | 6350.83 | 6350.46 | 6349.85 | 6349.50 | 6348.80 | 6348.44 | 6347.68 | 6347.32 | 6346.48 | 6346.13 | 6345.26 | 6344.97 | 6344.11 | 6343.83 | 6343.04 | 6342.71 | 6342.05 | 6341.74 | 6341.13 | 6340.83 |
| PROPOSED TOP OF PVM'T. ELEV. | 6356.66 | 6356.69 | 6356.46 | 6356.23 | 6355.93 | 6355.56 | 6355.21 | 6354.73 | 6354.24 | 6353.61 | 6352.98 | 6352.20 | 6351.39 | 6350.48 | 6349.51 | 6348.45 | 6347.33 | 6346.14 | 6344.97 | 6343.82 | 6342.75 | 6341.75 | 6340.84 | 6340.54 |
| EXIST. C.L. ELEV. | 6358.45 | 6358.56 | 6358.22 | 6357.87 | 6357.58 | 6357.39 | 6357.26 | 6356.90 | 6356.67 | 6356.53 | 6356.32 | 6355.91 | 6355.54 | 6355.10 | 6354.70 | 6354.58 | 6353.98 | 6353.61 | 6353.30 | 6352.96 | 6352.55 | 6352.18 | 6351.73 | 6351.38 | 6350.83 | 6350.46 | 6349.85 | 6349.50 | 6348.80 | 6348.44 | 6347.68 | 6347.32 | 6346.48 | 6346.13 | 6345.26 | 6344.97 | 6344.11 | 6343.83 | 6343.04 | 6342.71 | 6342.05 | 6341.74 | 6341.13 | 6340.83 |

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| RT | = | RIGHT | |
| LT | = | LEFT | |
| TYP | = | TYPICAL | |
| RET. | = | RETURN | |
| STA. | = | STATION | |
| DRWY | = | DRIVEWAY | |
| TEMP | = | TEMPORARY | |
| COMM | = | COMMERCIAL | |
| SHT | = | SHEET | |
| PVMT | = | PAVEMENT | |
| ASPH | = | ASPHALT | |
| ESMT | = | EASEMENT | |
| UNK | = | UNKNOWN | |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

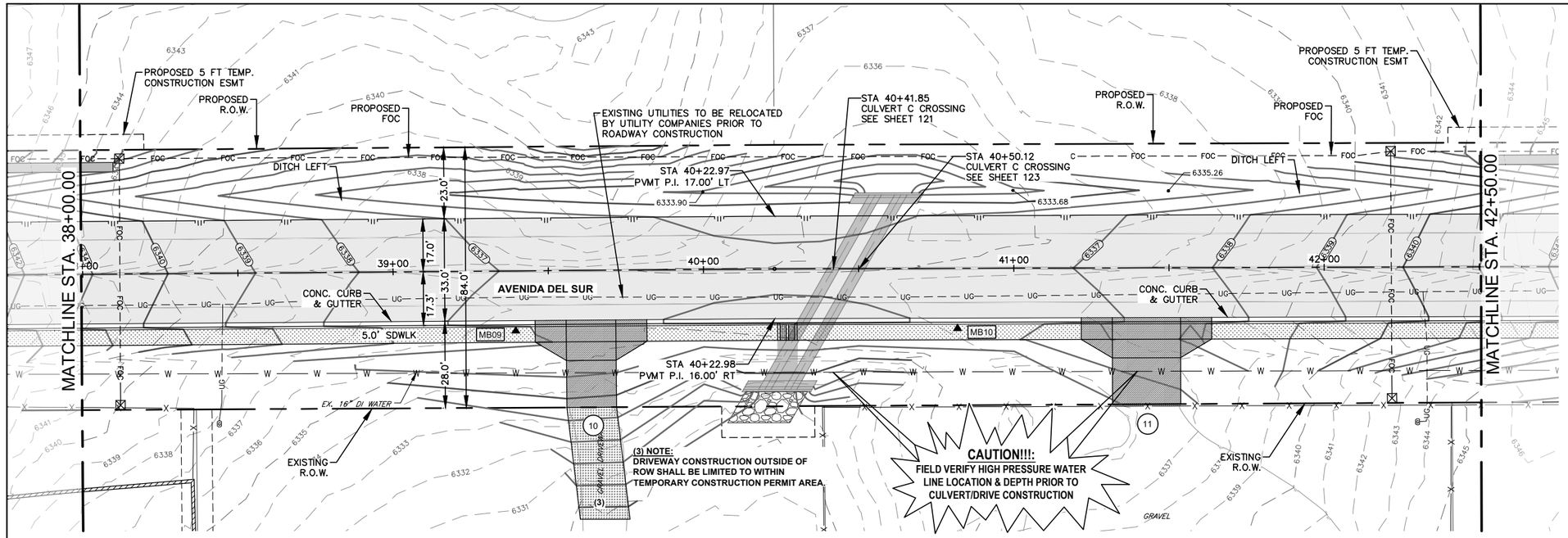
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## AVENIDA DEL SUR
## ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 57 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:50 AM
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg




LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

nm811 Know what's below. Call before you dig.

0 20' 40'
SCALE IN FEET

## LEGEND

EXISTING
- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
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- SIGN
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- RIGHT-OF-WAY(PROPOSED)
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- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
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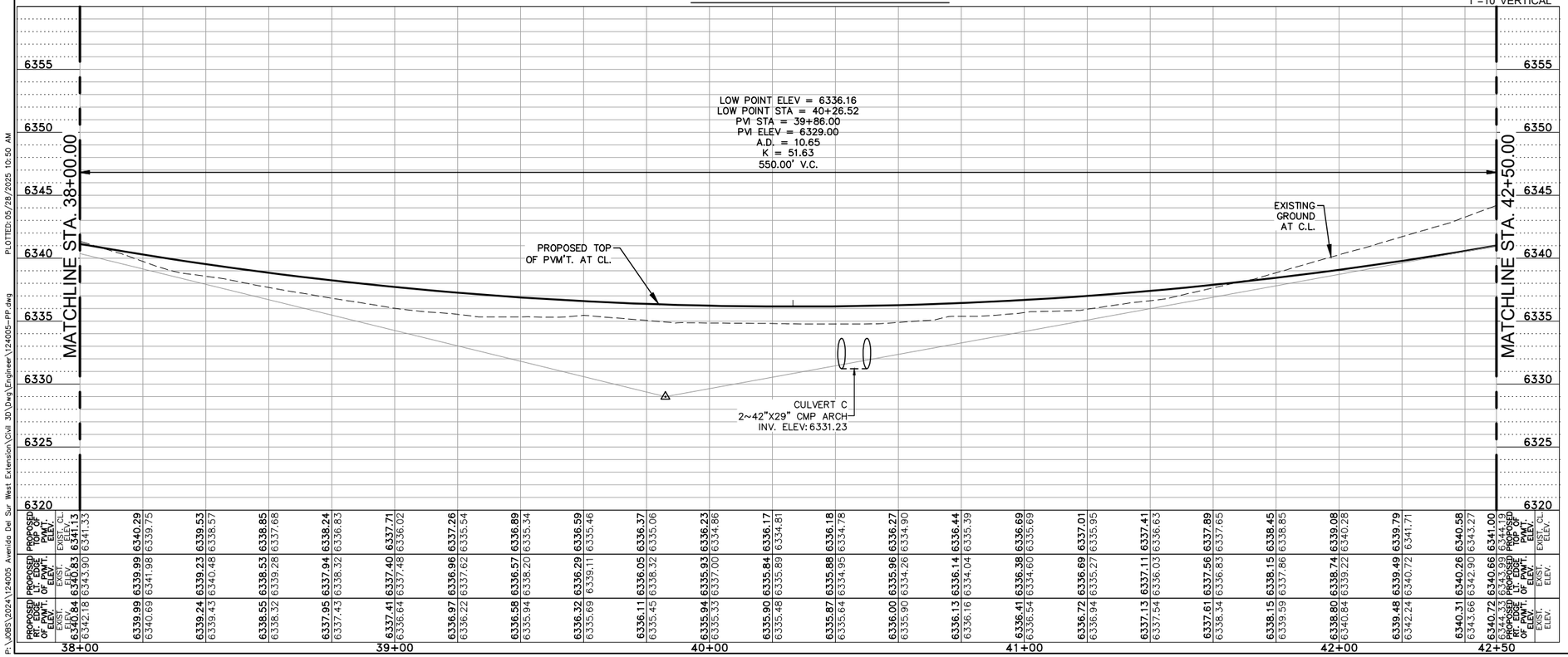
PROPOSED
- ASPHALT PAVEMENT
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- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

12 DRIVEWAY NUMBER
MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| 38+00 | 39+00 | 40+00 | 41+00 | 42+00 | 42+50 |
|---|---|---|---|---|---|
| PROPOSED TOP OF PVM'T. ELEV. | 6339.99 | 6339.99 | 6340.29 | 6337.71 | 6337.40 | 6337.26 | 6336.89 | 6336.59 | 6336.37 | 6335.93 | 6336.23 | 6336.17 | 6336.18 | 6336.27 | 6336.44 | 6336.69 | 6337.01 | 6337.41 | 6337.89 | 6338.45 | 6339.08 | 6339.79 | 6340.58 | 6341.00 |
| EXIST. CL ELEV. | 6340.84 | 6340.83 | 6341.13 | 6338.24 | 6336.83 | 6336.96 | 6335.54 | 6336.57 | 6335.34 | 6336.29 | 6335.46 | 6336.05 | 6335.06 | 6335.84 | 6334.81 | 6335.88 | 6334.78 | 6335.96 | 6334.90 | 6336.38 | 6335.69 | 6336.69 | 6335.95 | 6337.11 | 6336.63 | 6337.56 | 6336.83 | 6338.15 | 6337.86 | 6339.49 | 6340.72 | 6340.26 | 6342.90 | 6340.66 | 6343.10 |
| PROPOSED TOP OF PVM'T. ELEV. | 6339.99 | 6339.99 | 6340.29 | 6338.53 | 6337.68 | 6337.94 | 6336.96 | 6336.58 | 6335.84 | 6336.32 | 6335.93 | 6335.90 | 6335.17 | 6335.87 | 6334.95 | 6335.96 | 6334.90 | 6336.14 | 6334.90 | 6336.41 | 6335.69 | 6336.72 | 6335.95 | 6337.13 | 6336.63 | 6337.61 | 6336.83 | 6338.15 | 6337.86 | 6339.48 | 6340.72 | 6340.31 | 6343.66 | 6340.72 | 6343.27 |
| EXIST. CL ELEV. | 6340.84 | 6340.83 | 6341.13 | 6338.55 | 6338.32 | 6337.95 | 6337.43 | 6337.41 | 6336.64 | 6336.97 | 6336.22 | 6336.58 | 6335.94 | 6335.90 | 6335.48 | 6335.87 | 6335.64 | 6336.00 | 6335.90 | 6336.13 | 6336.16 | 6336.41 | 6336.54 | 6336.72 | 6336.94 | 6337.13 | 6337.54 | 6337.61 | 6338.34 | 6338.80 | 6340.84 | 6339.48 | 6342.24 | 6340.31 | 6343.66 | 6340.72 | 6343.27 |
| PROPOSED TOP OF PVM'T. ELEV. | 6339.99 | 6339.99 | 6340.29 | 6338.53 | 6338.32 | 6337.94 | 6337.43 | 6337.40 | 6336.64 | 6336.96 | 6336.22 | 6336.57 | 6335.94 | 6336.29 | 6335.69 | 6336.05 | 6335.45 | 6335.93 | 6335.33 | 6335.84 | 6335.48 | 6335.87 | 6335.64 | 6335.96 | 6334.26 | 6336.14 | 6334.04 | 6336.38 | 6334.60 | 6336.69 | 6335.27 | 6337.01 | 6335.27 | 6337.11 | 6336.03 | 6337.56 | 6336.83 | 6338.15 | 6337.86 | 6338.74 | 6339.22 | 6339.49 | 6340.72 | 6340.26 | 6342.90 | 6340.66 | 6343.10 |
| EXIST. CL ELEV. | 6340.84 | 6340.83 | 6341.13 | 6338.55 | 6338.32 | 6337.95 | 6337.43 | 6337.41 | 6336.64 | 6336.97 | 6336.22 | 6336.58 | 6335.94 | 6335.90 | 6335.48 | 6335.87 | 6335.64 | 6336.00 | 6335.90 | 6336.13 | 6336.16 | 6336.41 | 6336.54 | 6336.72 | 6336.94 | 6337.13 | 6337.54 | 6337.61 | 6338.34 | 6338.80 | 6340.84 | 6339.48 | 6342.24 | 6340.31 | 6343.66 | 6340.72 | 6343.27 |

## ABBREVIATIONS

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| INV | = | INVERT ELEVATION |
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| GT | = | GUTTER ELEVATION |
| FL | = | FLOWLINE ELEVATION |
| CONC | = | CONCRETE |
| DRWY | = | DRIVEWAY |
| REM | = | REMOVE |
| TEMP | = | TEMPORARY |
| EXIST | = | EXISTING |
| COMM | = | COMMERCIAL |
| RT | = | RIGHT |
| SHT | = | SHEET |
| LT | = | LEFT |
| PVMT | = | PAVEMENT |
| TYP | = | TYPICAL |
| ASPH | = | ASPHALT |
| RET. | = | RETURN |
| ESMT | = | EASEMENT |
| STA. | = | STATION |
| UNK | = | UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100195-00

SANTA FE COUNTY

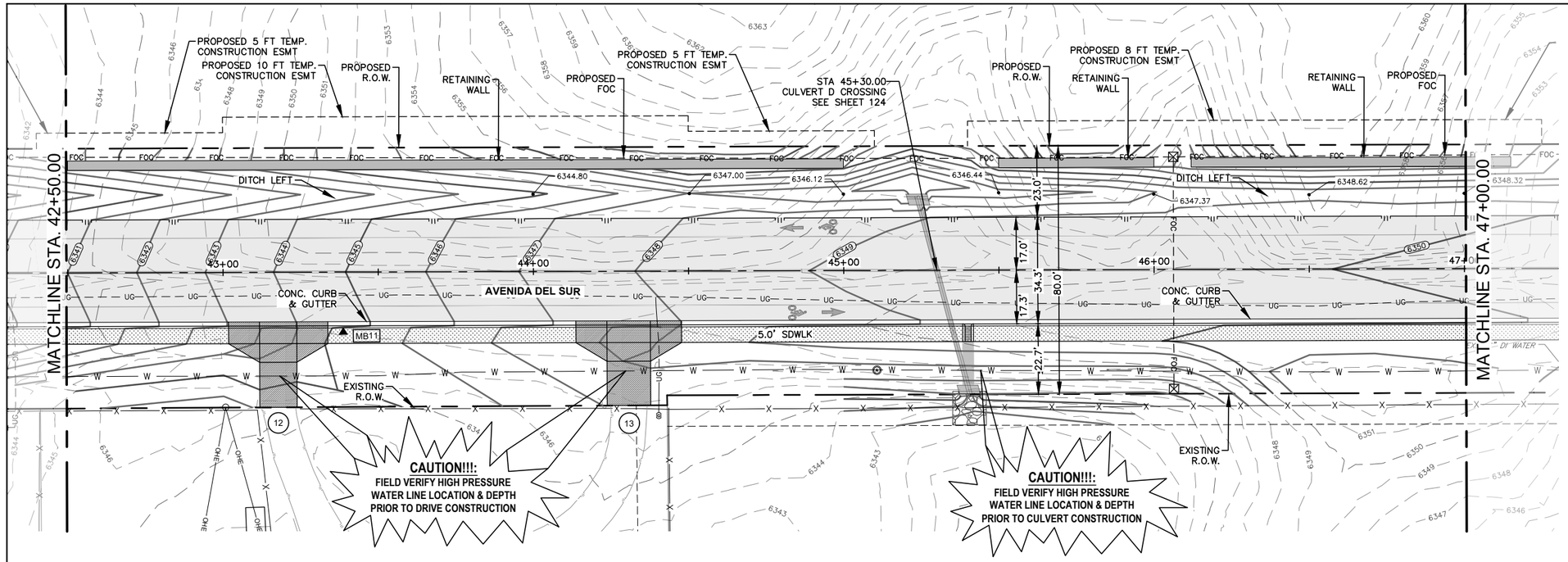
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 58 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:50 AM
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg




**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

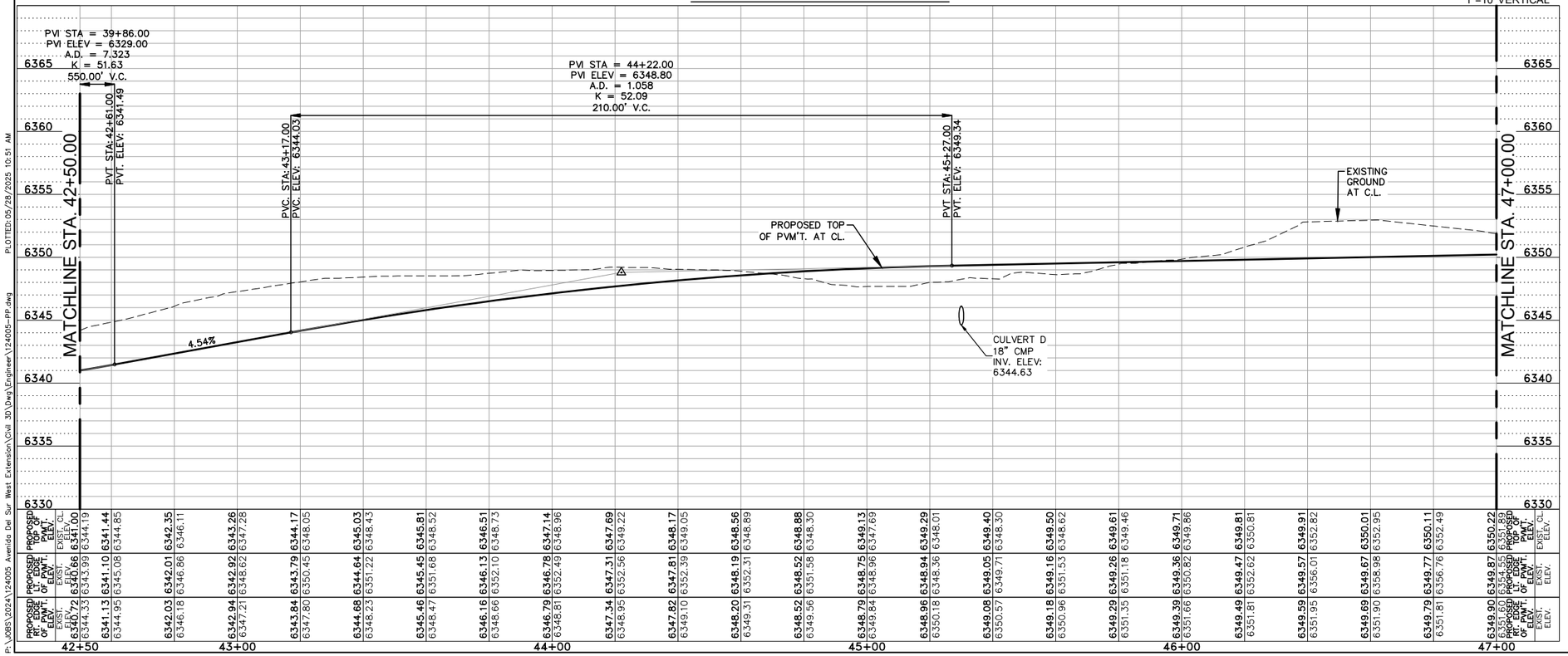
- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| PROPOSED TOP OF PVMT. ELEV. | PROPOSED EDGE OF PVMT. ELEV. | EXIST. CL ELEV. | EXIST. EDGE OF PVMT. ELEV. |
|---|---|---|---|
| 6340.72 | 6340.66 | 6341.00 | 6344.33 |
| 6341.13 | 6341.10 | 6341.44 | 6343.99 |
| 6342.03 | 6342.01 | 6342.35 | 6344.95 |
| 6342.94 | 6342.92 | 6343.26 | 6346.18 |
| 6343.84 | 6343.79 | 6344.17 | 6347.21 |
| 6344.68 | 6344.64 | 6345.03 | 6347.80 |
| 6345.46 | 6345.45 | 6345.81 | 6348.23 |
| 6346.16 | 6346.13 | 6346.51 | 6348.47 |
| 6346.79 | 6346.78 | 6347.14 | 6348.66 |
| 6347.34 | 6347.31 | 6347.69 | 6348.81 |
| 6347.82 | 6347.81 | 6348.17 | 6348.95 |
| 6348.20 | 6348.19 | 6348.56 | 6349.10 |
| 6348.52 | 6348.52 | 6348.88 | 6349.31 |
| 6348.79 | 6348.75 | 6349.13 | 6349.56 |
| 6348.96 | 6348.94 | 6349.29 | 6349.84 |
| 6349.08 | 6349.05 | 6349.40 | 6350.18 |
| 6349.18 | 6349.16 | 6349.50 | 6350.57 |
| 6349.29 | 6349.26 | 6349.61 | 6350.96 |
| 6349.39 | 6349.36 | 6349.71 | 6351.35 |
| 6349.49 | 6349.47 | 6349.81 | 6351.66 |
| 6349.59 | 6349.57 | 6349.91 | 6351.81 |
| 6349.69 | 6349.67 | 6350.01 | 6351.95 |
| 6349.79 | 6349.77 | 6350.11 | 6351.90 |
| 6349.90 | 6349.87 | 6350.22 | 6351.81 |
| 42+50 | 43+00 | 44+00 | 45+00 | 46+00 | 47+00 |

ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = | ESTIMATED QUANTITY | |
| SPI | = | SEPARATE PAY ITEM | |
| NSPI | = | NO SEPARATE PAY ITEM | |
| GRVL | = | GRAVEL PAVEMENT | |
| HMAC | = | HOT MIX ASPHALT CONC | |
| SDWK | = | CONCRETE SIDEWALK | |
| SD | = | STORM DRAIN PIPE | |
| RCP | = | REINFORCED CONC PIPE | |
| SBC | = | SINGLE BOX CULVERT | |
| MBC | = | MULTIPLE BOX CULVERT | |
| INV | = | INVERT ELEVATION | |
| TC | = | TOP OF CURB ELEVATION | |
| GT | = | GUTTER ELEVATION | |
| FL | = | FLOWLINE ELEVATION | |
| CONC | = | CONCRETE | |
| REM | = | REMOVE | |
| EXIST | = | EXISTING | |
| RT | = | RIGHT | |
| LT | = | LEFT | |
| TYP | = | TYPICAL | |
| RET. | = | RETURN | |
| STA. | = | STATION | |
| DRWY | = | DRIVEWAY | |
| TEMP | = | TEMPORARY | |
| COMM | = | COMMERCIAL | |
| SHT | = | SHEET | |
| PVMT | = | PAVEMENT | |
| ASPH | = | ASPHALT | |
| ESMT | = | EASEMENT | |
| UNK | = | UNKNOWN | |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

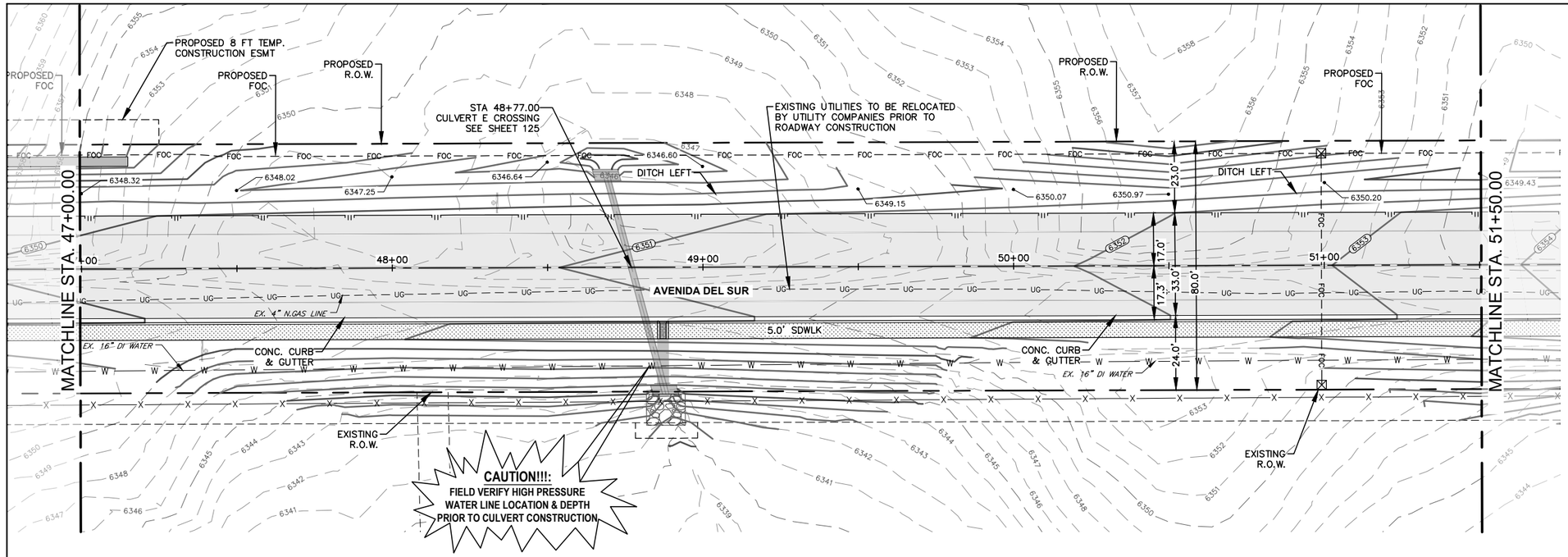
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 59 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:51 AM
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nm811 Know what's below. Call before you dig.

N

0 20' 40'

SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
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EXISTING

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- EDGE OF PAVEMENT
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- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
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- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

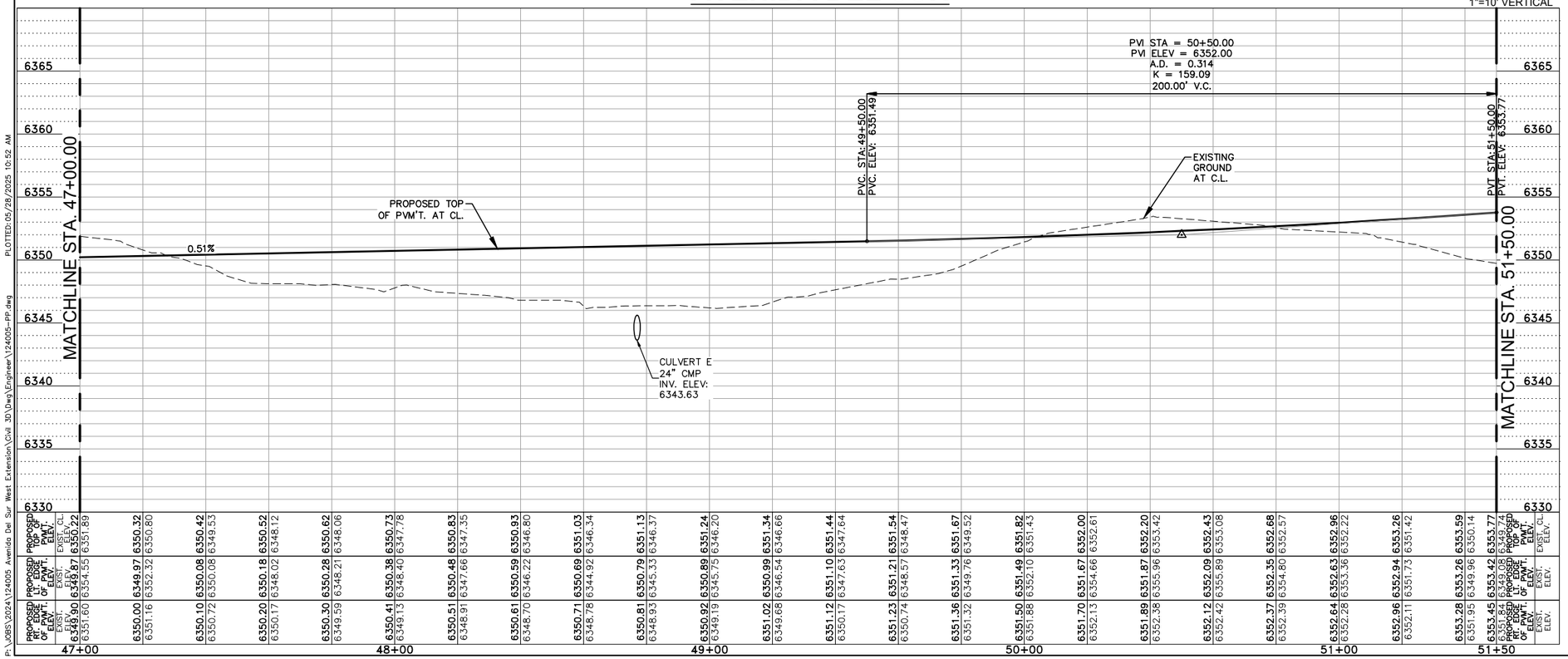
(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

12 DRIVEWAY NUMBER

MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| 47+00 | 48+00 | 49+00 | 50+00 | 51+00 | 51+50 |
|---|---|---|---|---|---|
| PROPOSED TOP OF PVM'T. ELEV. | 6349.90 | 6350.00 | 6350.10 | 6350.20 | 6350.30 | 6350.41 | 6350.51 | 6350.61 | 6350.71 | 6350.81 | 6350.92 | 6351.02 | 6351.12 | 6351.23 | 6351.36 | 6351.50 | 6351.70 | 6351.89 | 6352.12 | 6352.37 | 6352.64 | 6352.96 | 6353.28 | 6353.45 |
| PROPOSED TOP OF PVM'T. EXIST. CL. ELEV. | 6350.22 | 6350.32 | 6350.42 | 6350.52 | 6350.62 | 6350.73 | 6350.83 | 6350.93 | 6351.03 | 6351.13 | 6351.24 | 6351.34 | 6351.44 | 6351.54 | 6351.67 | 6351.82 | 6352.00 | 6352.20 | 6352.43 | 6352.68 | 6352.96 | 6353.26 | 6353.59 | 6353.77 |
| PROPOSED TOP OF PVM'T. EXIST. ELEV. | 6351.89 | 6350.80 | 6349.53 | 6348.12 | 6348.06 | 6347.78 | 6347.35 | 6346.80 | 6346.34 | 6346.37 | 6346.20 | 6346.66 | 6347.64 | 6348.47 | 6349.52 | 6351.43 | 6352.61 | 6353.42 | 6353.08 | 6352.57 | 6352.22 | 6351.42 | 6350.14 | 6349.77 |
| PROPOSED TOP OF CURB EXIST. ELEV. | 6354.55 | 6352.32 | 6350.08 | 6348.02 | 6348.21 | 6348.40 | 6347.66 | 6346.22 | 6345.75 | 6345.33 | 6345.33 | 6346.54 | 6347.63 | 6348.57 | 6349.76 | 6352.10 | 6354.66 | 6355.96 | 6355.89 | 6354.80 | 6353.36 | 6351.73 | 6349.96 | 6349.74 |
| PROPOSED TOP OF CURB EXIST. CL. ELEV. | 6351.60 | 6351.16 | 6350.72 | 6350.17 | 6349.59 | 6349.13 | 6348.91 | 6348.70 | 6348.78 | 6348.93 | 6349.19 | 6349.68 | 6350.17 | 6350.74 | 6351.32 | 6351.88 | 6352.13 | 6352.38 | 6352.42 | 6352.39 | 6352.28 | 6352.11 | 6351.95 | 6351.95 |

PLOTTED: 05/28/2025 10:52 AM

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## ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = | ESTIMATED QUANTITY | |
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| NSPI | = | NO SEPARATE PAY ITEM | |
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| HMAC | = | HOT MIX ASPHALT CONC | |
| SDWK | = | CONCRETE SIDEWALK | |
| SD | = | STORM DRAIN PIPE | |
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| REM | = | REMOVE | |
| EXIST | = | EXISTING | |
| RT | = | RIGHT | |
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| TYP | = | TYPICAL | |
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| STA. | = | STATION | |
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| ASPH | = | ASPHALT | |
| ESMT | = | EASEMENT | |
| UNK | = | UNKNOWN | |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

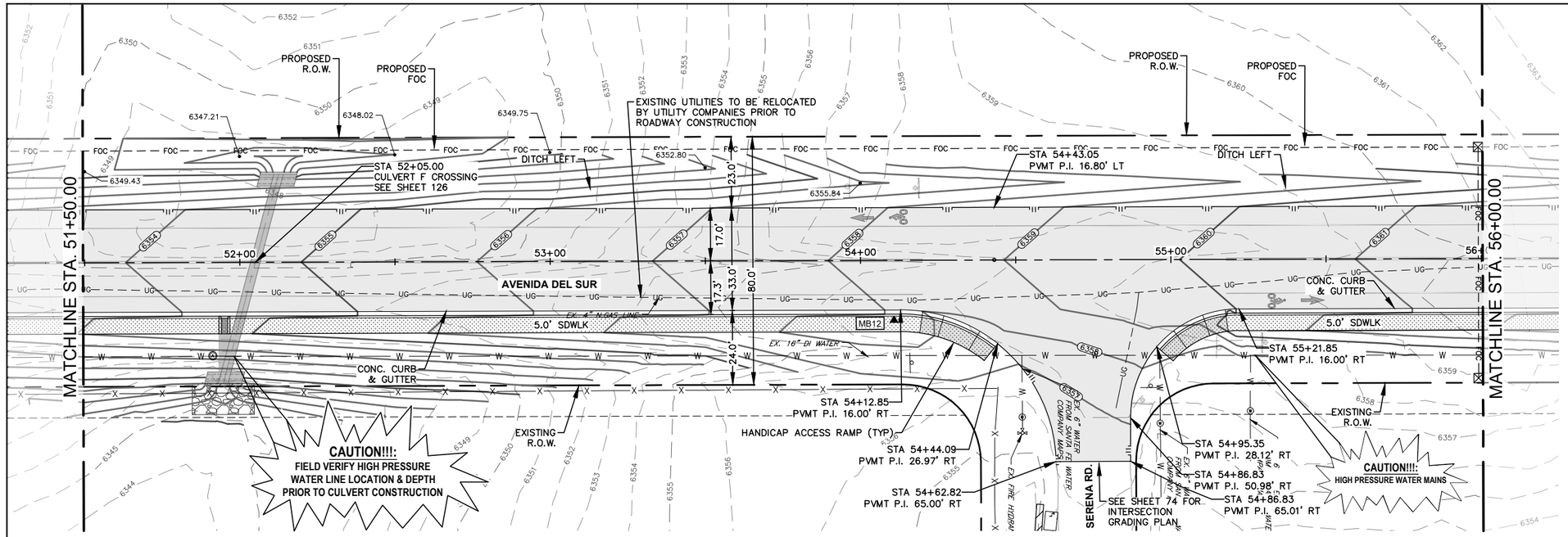
CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100195-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 60 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**




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nm811 Know what's below. Call before you dig.

0 20' 40'
SCALE IN FEET

## LEGEND

EXISTING
- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
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- MAIL BOX
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- RIGHT-OF-WAY(EXISTING)
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- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

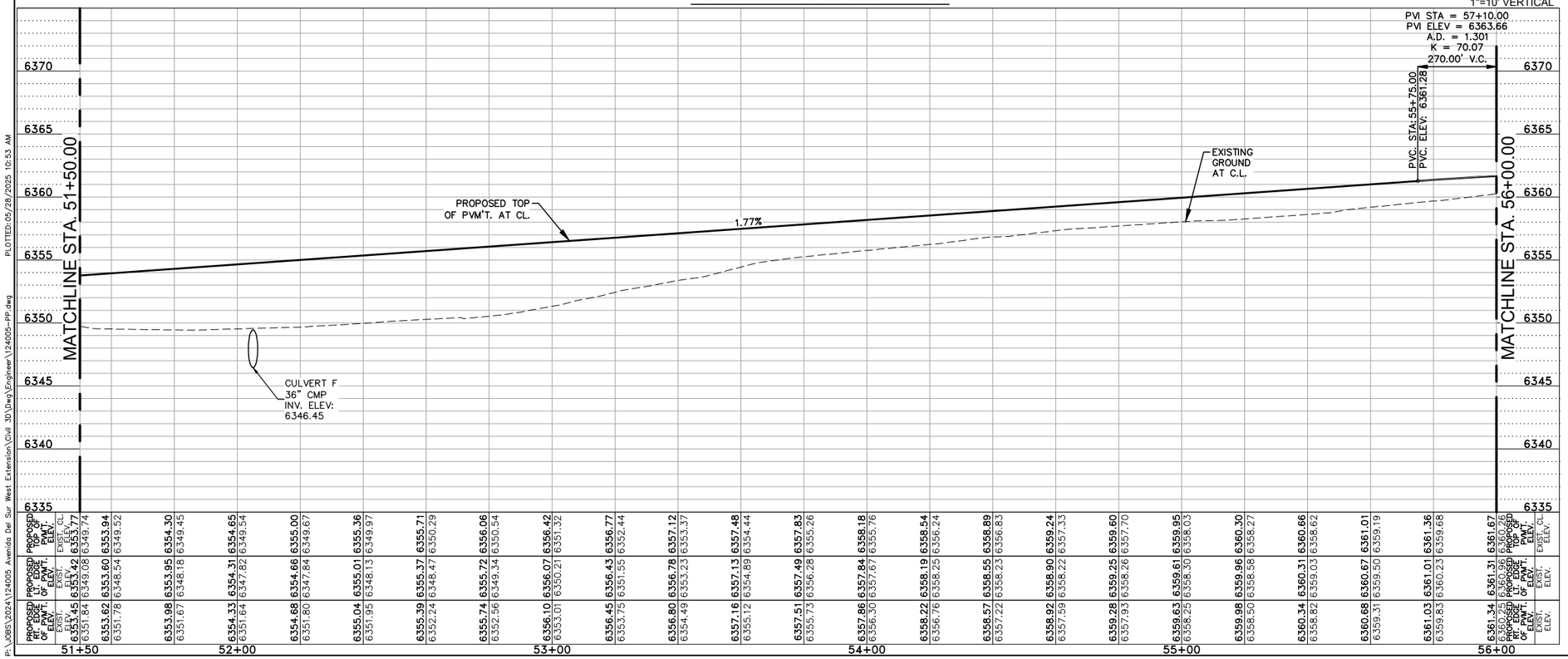
PROPOSED
- ASPHALT PAVEMENT
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- 930 — FINISHED CONTOUR

(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

12 DRIVEWAY NUMBER
MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| 51+50 | 52+00 | 53+00 | 54+00 | 55+00 | 56+00 |
|---|---|---|---|---|---|
| PROPOSED TOP OF PVM'T. ELEV. | 6351.84 | 6352.24 | 6352.56 | 6352.75 | 6353.01 | 6353.25 | 6353.49 | 6353.71 | 6353.95 | 6354.18 | 6354.47 | 6354.89 | 6355.12 | 6355.73 | 6356.30 | 6356.64 | 6356.76 | 6357.22 | 6357.59 | 6358.03 | 6358.50 | 6358.82 | 6359.03 | 6359.31 | 6359.83 | 6360.23 | 6360.46 | 6360.25 |
| PROPOSED TOP OF PVM'T. ELEV. | 6351.67 | 6351.78 | 6351.80 | 6351.95 | 6352.13 | 6352.37 | 6352.61 | 6352.84 | 6353.08 | 6353.31 | 6353.54 | 6353.77 | 6353.98 | 6354.30 | 6354.65 | 6355.00 | 6355.36 | 6355.71 | 6356.06 | 6356.42 | 6356.77 | 6357.12 | 6357.48 | 6357.83 | 6358.18 | 6358.54 | 6358.89 | 6359.24 | 6359.60 | 6359.95 | 6360.30 | 6360.66 | 6361.01 | 6361.36 | 6361.67 | 6361.96 | 6362.26 | 6362.56 |
| PROPOSED TOP OF PVM'T. ELEV. | 6351.64 | 6351.80 | 6351.84 | 6352.01 | 6352.24 | 6352.56 | 6352.75 | 6352.97 | 6353.21 | 6353.45 | 6353.71 | 6353.98 | 6354.33 | 6354.68 | 6355.04 | 6355.39 | 6355.74 | 6356.10 | 6356.45 | 6356.80 | 6357.16 | 6357.51 | 6357.86 | 6358.22 | 6358.57 | 6358.92 | 6359.28 | 6359.63 | 6359.98 | 6360.34 | 6360.68 | 6361.03 | 6361.34 | 6361.67 | 6361.96 | 6362.26 | 6362.56 | 6362.86 |
| PROPOSED TOP OF PVM'T. ELEV. | 6351.78 | 6351.95 | 6352.13 | 6352.37 | 6352.61 | 6352.84 | 6353.08 | 6353.31 | 6353.54 | 6353.77 | 6353.98 | 6354.30 | 6354.65 | 6355.00 | 6355.36 | 6355.71 | 6356.06 | 6356.42 | 6356.77 | 6357.12 | 6357.48 | 6357.83 | 6358.18 | 6358.54 | 6358.89 | 6359.24 | 6359.60 | 6359.95 | 6360.30 | 6360.66 | 6361.01 | 6361.36 | 6361.67 | 6361.96 | 6362.26 | 6362.56 | 6362.86 | 6363.16 |
| EXIST. CL ELEV. | 6349.74 | 6349.52 | 6349.45 | 6349.54 | 6349.67 | 6349.97 | 6350.29 | 6350.54 | 6350.77 | 6351.32 | 6352.44 | 6353.37 | 6354.44 | 6355.26 | 6355.76 | 6356.24 | 6356.83 | 6357.33 | 6357.70 | 6358.03 | 6358.27 | 6358.62 | 6359.19 | 6359.68 | 6359.96 | 6360.26 | 6360.56 | 6360.86 | 6361.16 | 6361.46 | 6361.76 | 6362.06 | 6362.36 | 6362.66 | 6362.96 | 6363.26 | 6363.56 | 6363.86 |
| EXIST. ELEV. | 6349.08 | 6348.54 | 6348.18 | 6347.82 | 6347.84 | 6348.13 | 6348.47 | 6348.81 | 6349.15 | 6349.49 | 6349.83 | 6350.17 | 6350.51 | 6350.85 | 6351.19 | 6351.53 | 6351.87 | 6352.21 | 6352.55 | 6352.89 | 6353.23 | 6353.57 | 6353.91 | 6354.25 | 6354.59 | 6354.93 | 6355.27 | 6355.61 | 6355.95 | 6356.29 | 6356.63 | 6356.97 | 6357.31 | 6357.65 | 6357.99 | 6358.33 | 6358.67 | 6359.01 |

PLOTTED: 05/28/2025 10:53 AM
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg

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| CONC | = CONCRETE | DRWY | = DRIVEWAY |
| REM | = REMOVE | TEMP | = TEMPORARY |
| EXIST | = EXISTING | COMM | = COMMERCIAL |
| RT | = RIGHT | SHT | = SHEET |
| LT | = LEFT | PVMT | = PAVEMENT |
| TYP | = TYPICAL | ASPH | = ASPHALT |
| RET. | = RETURN | ESMT | = EASEMENT |
| STA. | = STATION | UNK | = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

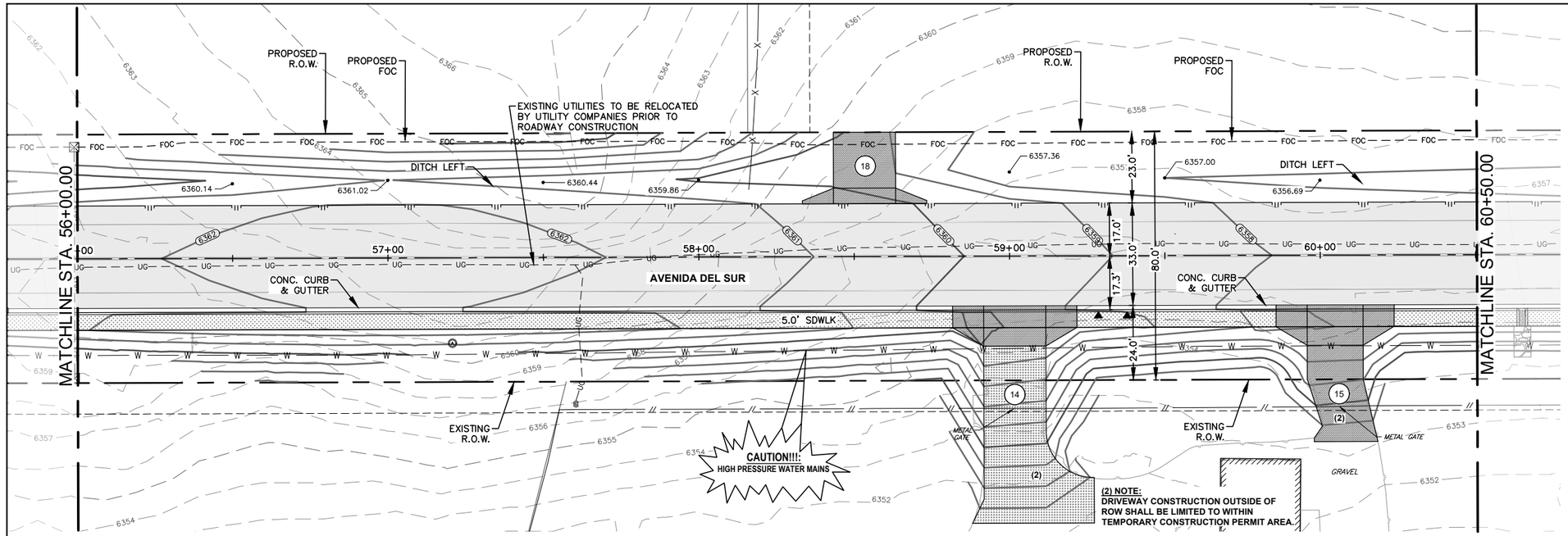
CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## AVENIDA DEL SUR
## ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 61 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**




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0 20' 40'
SCALE IN FEET

## LEGEND

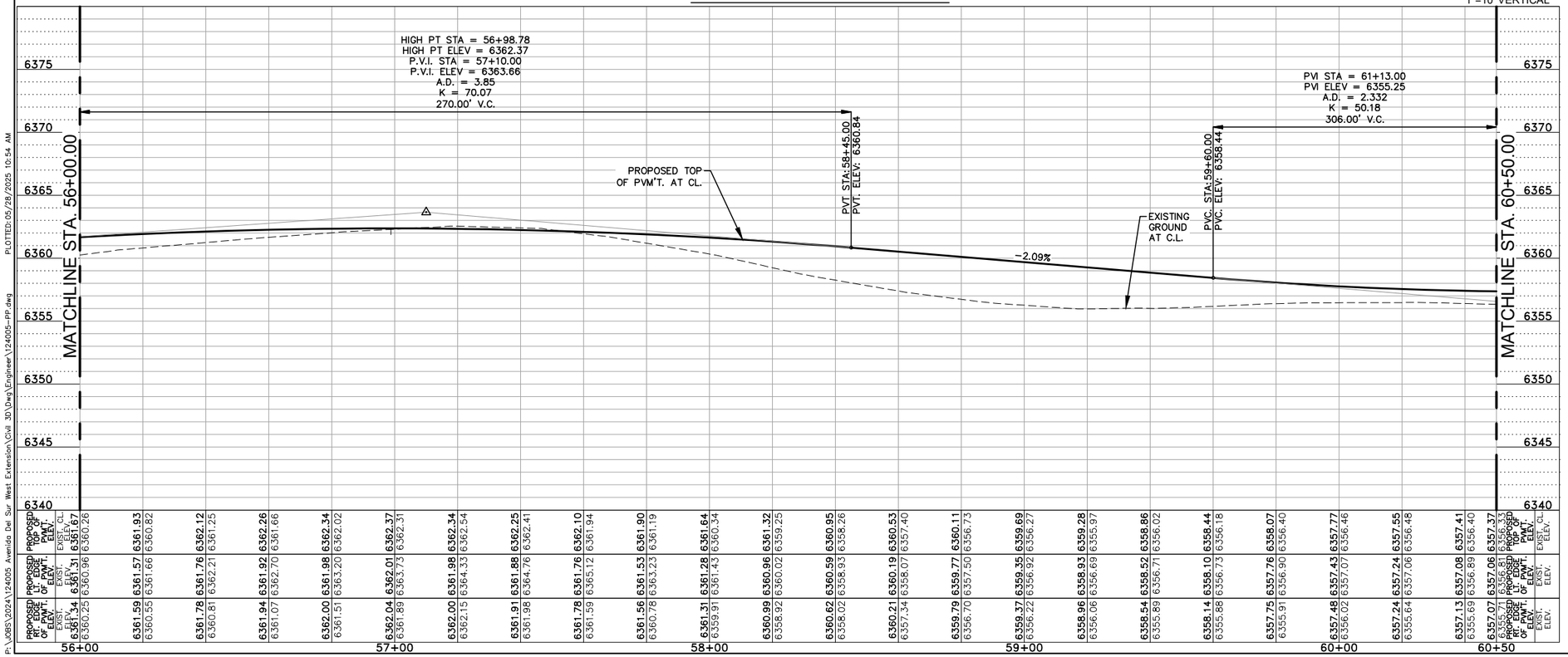
EXISTING
- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING
- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
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- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- (12) DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL. ELEV. |
|---|---|
| 6361.34 | 6361.67 |
| 6360.25 | 6360.96 |
| 6361.59 | 6361.57 |
| 6360.55 | 6361.66 |
| 6361.78 | 6361.76 |
| 6360.81 | 6362.21 |
| 6361.94 | 6362.26 |
| 6361.07 | 6362.70 |
| 6362.00 | 6361.98 |
| 6361.51 | 6363.20 |
| 6362.04 | 6362.01 |
| 6361.89 | 6363.73 |
| 6362.00 | 6361.98 |
| 6362.15 | 6364.33 |
| 6361.91 | 6361.88 |
| 6361.98 | 6364.76 |
| 6361.78 | 6361.76 |
| 6361.59 | 6365.12 |
| 6361.56 | 6361.53 |
| 6360.78 | 6363.23 |
| 6361.31 | 6361.28 |
| 6359.91 | 6361.43 |
| 6360.99 | 6360.96 |
| 6358.92 | 6360.02 |
| 6360.62 | 6360.59 |
| 6358.02 | 6358.93 |
| 6360.21 | 6360.19 |
| 6357.34 | 6358.07 |
| 6359.79 | 6359.77 |
| 6356.70 | 6357.50 |
| 6359.37 | 6359.35 |
| 6356.22 | 6356.92 |
| 6358.54 | 6358.52 |
| 6355.89 | 6356.71 |
| 6358.14 | 6358.10 |
| 6355.88 | 6356.73 |
| 6357.75 | 6357.76 |
| 6355.91 | 6356.90 |
| 6357.48 | 6357.43 |
| 6356.02 | 6357.07 |
| 6357.24 | 6357.24 |
| 6355.64 | 6357.06 |
| 6357.13 | 6357.08 |
| 6355.69 | 6356.89 |
| 6357.07 | 6357.06 |
| 6355.71 | 6356.87 |

| PROPOSED TOP OF PVM'T. AT EDGE OF PVM'T. ELEV. | EXIST. CL. ELEV. |
|---|---|
| 6361.67 | 6360.26 |
| 6361.93 | 6360.82 |
| 6362.12 | 6361.25 |
| 6362.26 | 6361.66 |
| 6362.34 | 6362.02 |
| 6362.37 | 6362.31 |
| 6362.34 | 6362.54 |
| 6362.25 | 6362.41 |
| 6362.10 | 6361.94 |
| 6361.90 | 6361.19 |
| 6361.64 | 6360.34 |
| 6361.32 | 6359.25 |
| 6360.95 | 6358.26 |
| 6360.53 | 6357.40 |
| 6360.11 | 6356.73 |
| 6359.69 | 6356.27 |
| 6358.86 | 6356.02 |
| 6358.44 | 6356.18 |
| 6358.07 | 6356.40 |
| 6357.77 | 6356.46 |
| 6357.55 | 6356.48 |
| 6357.41 | 6356.40 |
| 6357.37 | 6356.43 |
| 6357.33 | 6356.47 |

| ABBREVIATIONS | | | |
|---|---|---|---|
| EST | = | ESTIMATED QUANTITY | |
| SPI | = | SEPARATE PAY ITEM | |
| NSPI | = | NO SEPARATE PAY ITEM | |
| GRVL | = | GRAVEL PAVEMENT | |
| HMAC | = | HOT MIX ASPHALT CONC | |
| SDWK | = | CONCRETE SIDEWALK | |
| SD | = | STORM DRAIN PIPE | |
| RCP | = | REINFORCED CONC PIPE | |
| SBC | = | SINGLE BOX CULVERT | |
| MBC | = | MULTIPLE BOX CULVERT | |
| INV | = | INVERT ELEVATION | |
| TC | = | TOP OF CURB ELEVATION | |
| GT | = | GUTTER ELEVATION | |
| FL | = | FLOWLINE ELEVATION | |
| CONC | = | CONCRETE | DRWY = DRIVEWAY |
| REM | = | REMOVE | TEMP = TEMPORARY |
| EXIST | = | EXISTING | COMM = COMMERCIAL |
| RT | = | RIGHT | SHT = SHEET |
| LT | = | LEFT | PVMT = PAVEMENT |
| TYP | = | TYPICAL | ASPH = ASPHALT |
| RET. | = | RETURN | ESMT = EASEMENT |
| STA. | = | STATION | UNK = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY

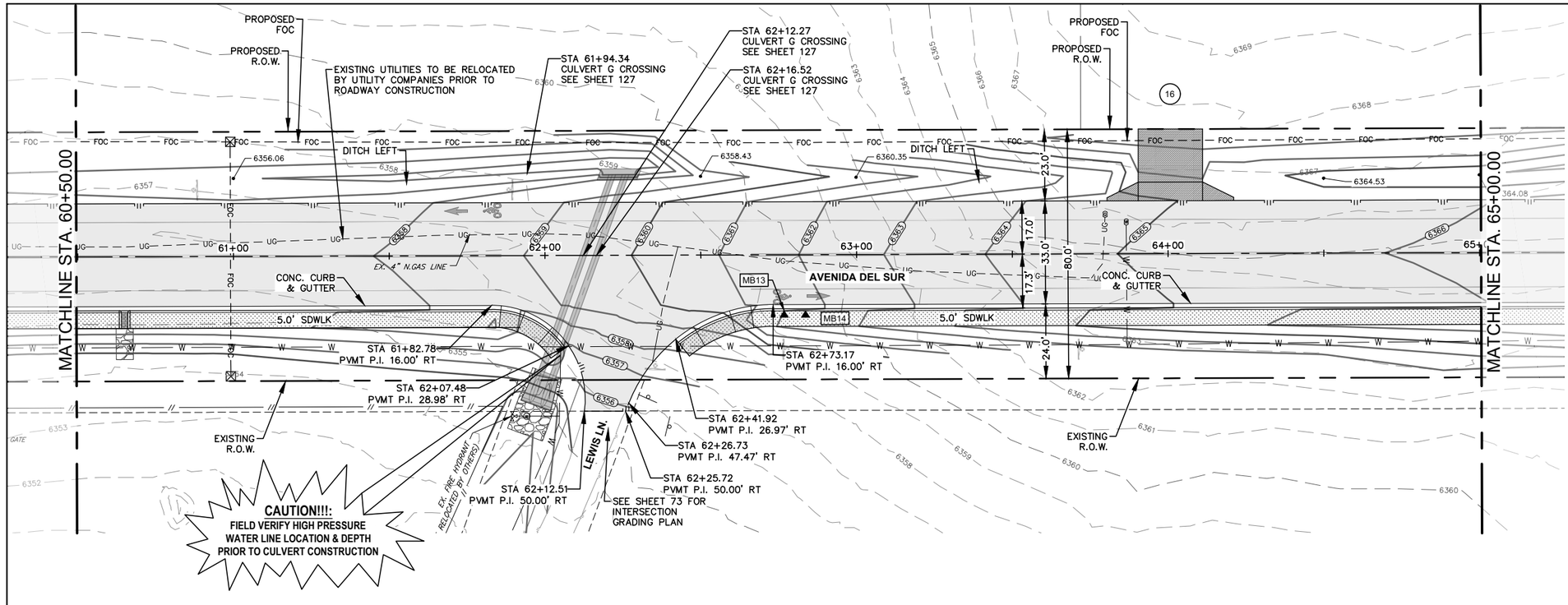
**SANTA FE COUNTY PUBLIC WORKS**
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## AVENIDA DEL SUR
## ROADWAY PLAN & PROFILE

| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
|---|---|---|---|
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 62 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:54 AM
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg




**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

0 20' 40'
SCALE IN FEET

## LEGEND

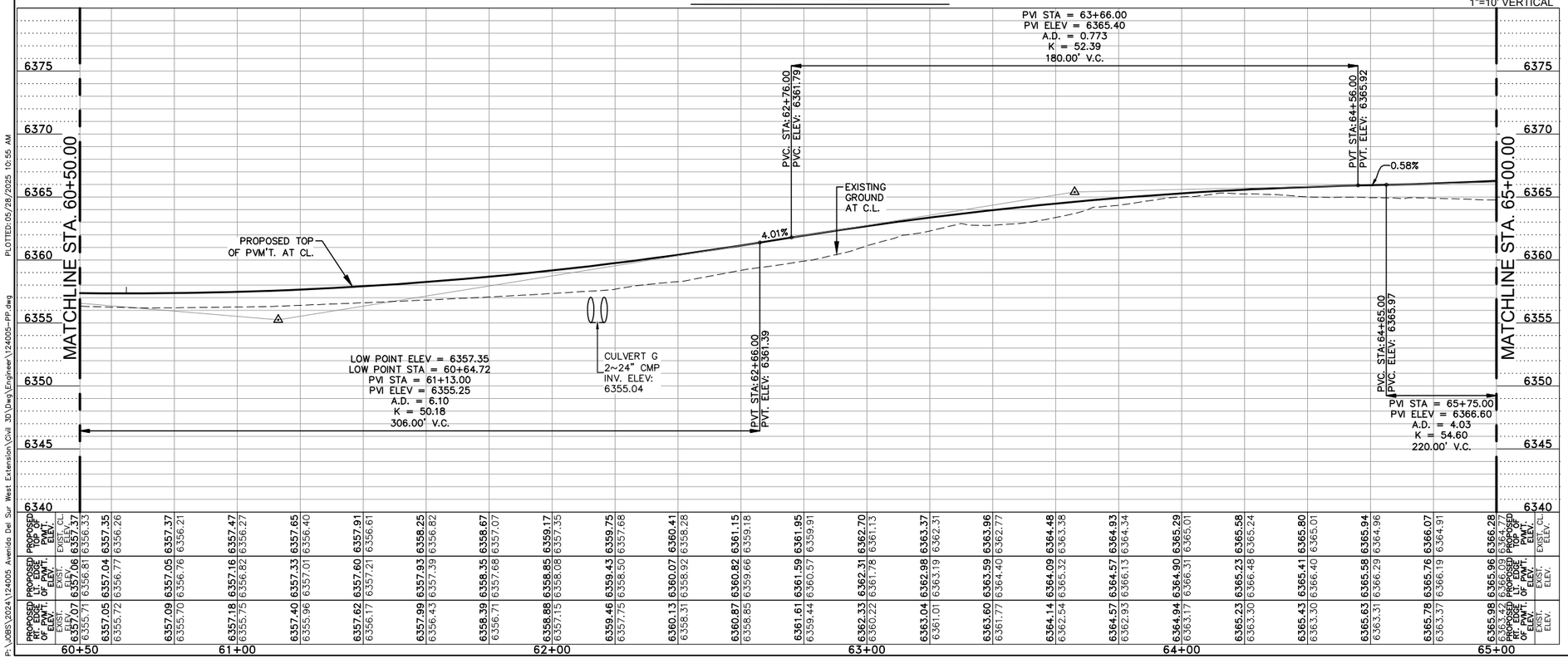
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- WATER METER
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- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
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- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. C.L. ELEV. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6357.37 | 6356.33 | 6357.37 | 6356.21 | 6357.47 | 6356.27 | 6357.65 | 6356.40 | 6357.91 | 6356.61 | 6358.25 | 6356.82 | 6358.67 | 6357.07 | 6359.17 | 6357.35 | 6359.75 | 6357.68 | 6360.41 | 6358.28 | 6361.15 | 6359.18 | 6361.95 | 6359.91 | 6362.70 | 6361.13 | 6363.37 | 6362.31 | 6363.96 | 6362.77 | 6364.48 | 6363.38 | 6364.93 | 6363.34 | 6365.29 | 6363.01 | 6365.58 | 6365.24 | 6365.80 | 6365.01 | 6365.94 | 6364.96 | 6366.07 | 6364.91 | 6366.28 | 6365.90 |
| 6357.07 | 6356.81 | 6357.04 | 6356.77 | 6357.16 | 6356.82 | 6357.33 | 6357.01 | 6357.60 | 6357.21 | 6357.99 | 6357.39 | 6358.35 | 6357.68 | 6358.85 | 6358.08 | 6359.43 | 6358.50 | 6360.07 | 6358.92 | 6360.82 | 6359.66 | 6361.59 | 6360.57 | 6362.31 | 6361.78 | 6362.98 | 6363.19 | 6363.59 | 6364.40 | 6364.09 | 6362.54 | 6364.57 | 6362.93 | 6364.59 | 6364.31 | 6365.23 | 6366.48 | 6365.41 | 6366.40 | 6365.58 | 6366.29 | 6365.76 | 6366.19 | 6365.96 | 6367.00 |
| 6357.05 | 6355.72 | 6356.77 | 6356.26 | 6357.09 | 6355.70 | 6356.76 | 6356.21 | 6357.18 | 6355.75 | 6357.47 | 6356.27 | 6357.65 | 6356.40 | 6357.91 | 6356.61 | 6358.25 | 6356.82 | 6358.67 | 6357.07 | 6359.17 | 6357.35 | 6359.75 | 6357.68 | 6360.41 | 6358.28 | 6361.15 | 6359.18 | 6361.95 | 6359.91 | 6362.70 | 6361.13 | 6363.37 | 6362.31 | 6363.96 | 6362.77 | 6364.48 | 6363.38 | 6364.93 | 6363.34 | 6365.29 | 6363.01 | 6365.58 | 6365.24 | 6365.94 | 6364.96 | 6366.07 | 6364.91 | 6366.28 | 6365.90 |
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| 6357.05 | 6355.72 | 6356.77 | 6356.26 | 6357.09 | 6355.70 | 6356.76 | 6356.21 | 6357.18 | 6355.75 | 6357.47 | 6356.27 | 6357.65 | 6356.40 | 6357.91 | 6356.61 | 6358.25 | 6356.82 | 6358.67 | 6357.07 | 6359.17 | 6357.35 | 6359.75 | 6357.68 | 6360.41 | 6358.28 | 6361.15 | 6359.18 | 6361.95 | 6359.91 | 6362.70 | 6361.13 | 6363.37 | 6362.31 | 6363.96 | 6362.77 | 6364.48 | 6363.38 | 6364.93 | 6363.34 | 6365.29 | 6363.01 | 6365.58 | 6365.24 | 6365.94 | 6364.96 | 6366.07 | 6364.91 | 6366.28 | 6365.90 |
| 60+50 | | 61+00 | | 61+50 | | 62+00 | | 62+50 | | 63+00 | | 63+50 | | 64+00 | | 64+50 | | 65+00 | | | | | | | | | | | | | | | | | | | | | | | | | |

ABBREVIATIONS

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| LT | = | LEFT | PVMT = PAVEMENT |
| TYP | = | TYPICAL | ASPH = ASPHALT |
| RET. | = | RETURN | ESMT = EASEMENT |
| STA. | = | STATION | UNK = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

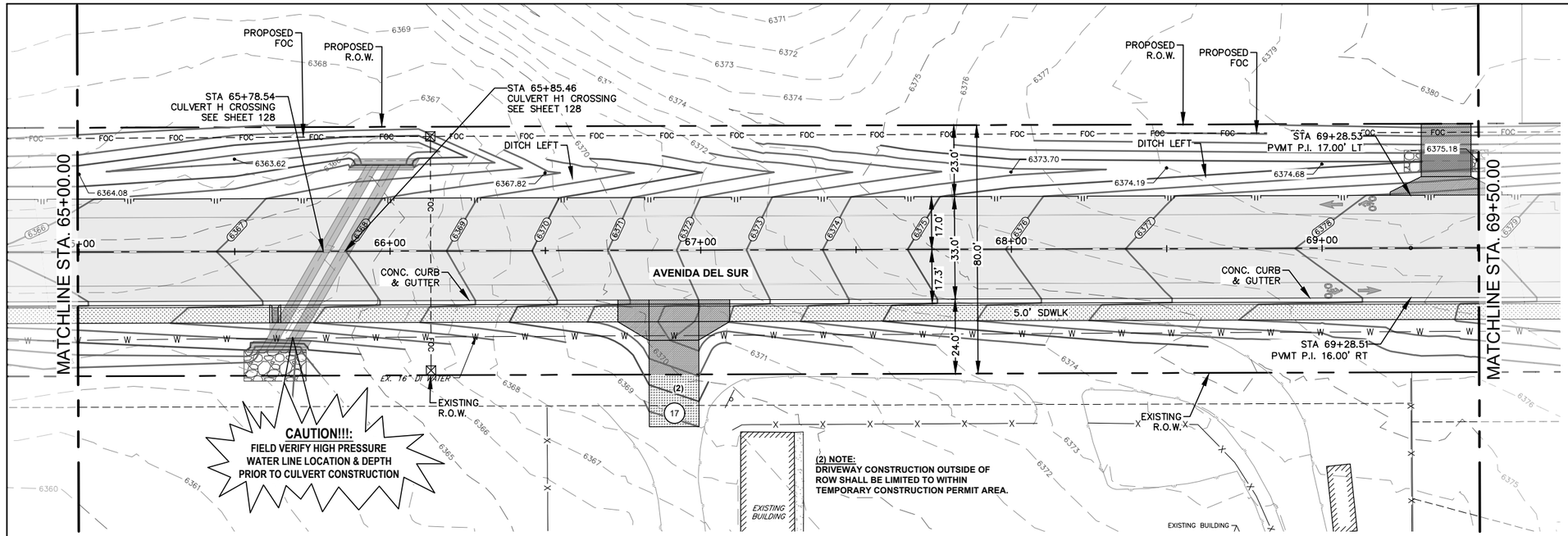
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 63 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:55 AM
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg




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nm811 Know what's below. Call before you dig.

N

0 20' 40'

SCALE IN FEET

## LEGEND

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- (W) WATER METER
- (E) ELECTRIC MANHOLE
- (E) ELECTRIC METER
- (SC) SEWER CLEAN OUT
- (G) GAS MANHOLE
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- (TE) TELEPHONE MANHOLE
- (T) TELEPHONE PEDESTAL
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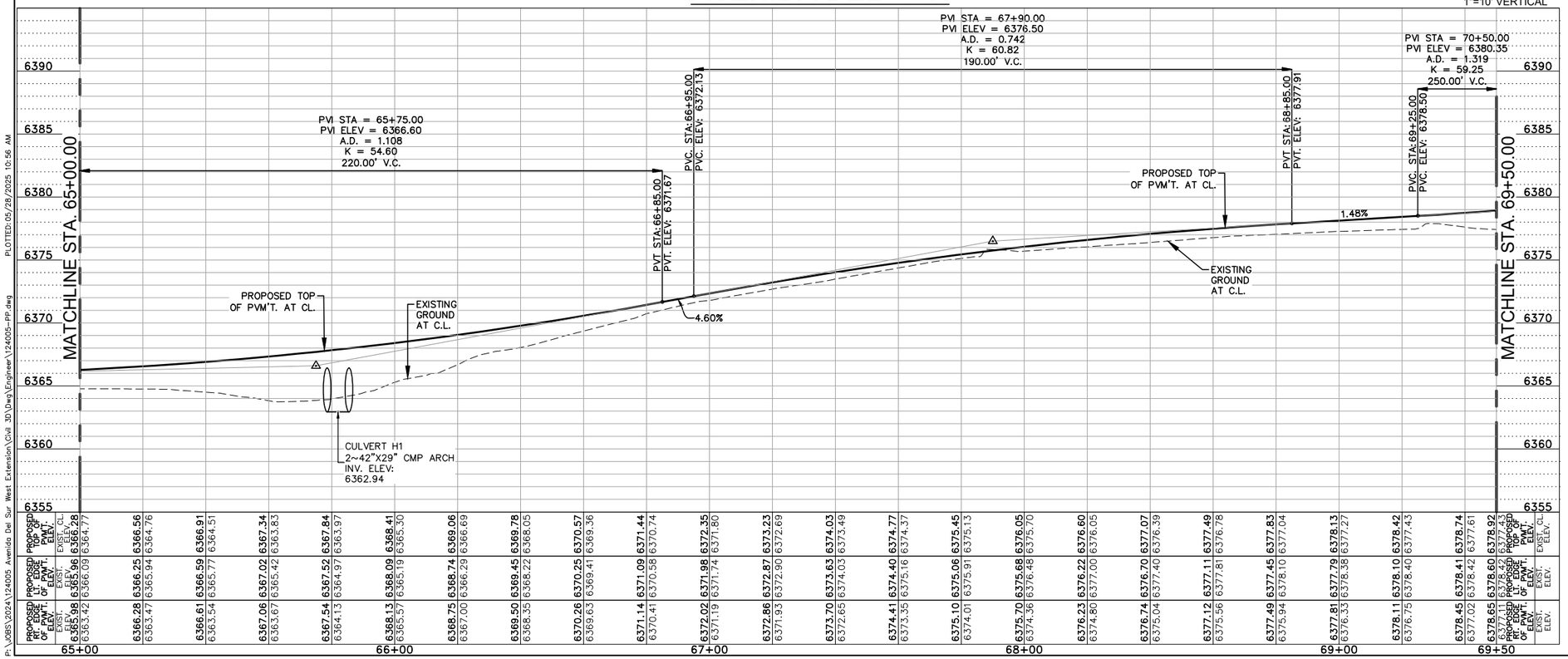
(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

12 DRIVEWAY NUMBER

MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| 65+00 | 66+00 | 67+00 | 68+00 | 69+00 | 69+50 |
|---|---|---|---|---|---|
| PROPOSED TOP OF PVM'T. ELEV. 6366.28 | 6366.56 | 6367.34 | 6368.41 | 6369.06 | 6372.35 |
| EXIST. CL ELEV. 6364.77 | 6364.76 | 6363.83 | 6365.30 | 6366.69 | 6371.80 |
| PROPOSED TOP OF PVM'T. ELEV. 6365.98 | 6366.25 | 6367.02 | 6368.09 | 6368.74 | 6372.87 |
| EXIST. CL ELEV. 6363.42 | 6365.94 | 6365.42 | 6365.57 | 6366.29 | 6372.90 |
| PROPOSED TOP OF PVM'T. ELEV. 6366.61 | 6366.59 | 6367.06 | 6368.13 | 6368.75 | 6372.86 |
| EXIST. CL ELEV. 6363.54 | 6363.77 | 6363.67 | 6365.67 | 6367.00 | 6371.93 |
| PROPOSED TOP OF PVM'T. ELEV. 6367.54 | 6367.52 | 6367.84 | 6369.09 | 6369.50 | 6373.70 |
| EXIST. CL ELEV. 6364.13 | 6364.97 | 6363.97 | 6365.19 | 6368.35 | 6372.65 |
| PROPOSED TOP OF PVM'T. ELEV. 6368.13 | 6368.09 | 6368.41 | 6369.06 | 6369.45 | 6373.63 |
| EXIST. CL ELEV. 6365.57 | 6365.19 | 6365.30 | 6366.69 | 6368.22 | 6374.03 |
| PROPOSED TOP OF PVM'T. ELEV. 6368.75 | 6368.74 | 6369.06 | 6370.25 | 6369.50 | 6374.40 |
| EXIST. CL ELEV. 6367.00 | 6366.29 | 6366.69 | 6370.57 | 6368.35 | 6375.16 |
| PROPOSED TOP OF PVM'T. ELEV. 6369.50 | 6369.45 | 6370.25 | 6370.57 | 6369.78 | 6374.77 |
| EXIST. CL ELEV. 6368.35 | 6368.22 | 6370.57 | 6369.36 | 6368.05 | 6374.37 |
| PROPOSED TOP OF PVM'T. ELEV. 6370.26 | 6370.25 | 6370.57 | 6371.44 | 6370.57 | 6375.45 |
| EXIST. CL ELEV. 6369.63 | 6369.41 | 6369.36 | 6370.74 | 6369.78 | 6375.13 |
| PROPOSED TOP OF PVM'T. ELEV. 6371.14 | 6371.09 | 6371.44 | 6372.35 | 6373.03 | 6375.05 |
| EXIST. CL ELEV. 6370.41 | 6370.58 | 6370.74 | 6371.80 | 6373.49 | 6374.37 |
| PROPOSED TOP OF PVM'T. ELEV. 6372.02 | 6371.98 | 6372.35 | 6373.23 | 6374.03 | 6375.70 |
| EXIST. CL ELEV. 6371.19 | 6371.74 | 6371.80 | 6372.69 | 6373.49 | 6375.13 |
| PROPOSED TOP OF PVM'T. ELEV. 6372.86 | 6372.87 | 6373.23 | 6374.03 | 6374.77 | 6376.05 |
| EXIST. CL ELEV. 6371.93 | 6372.90 | 6372.69 | 6373.49 | 6374.37 | 6375.13 |
| PROPOSED TOP OF PVM'T. ELEV. 6373.70 | 6373.63 | 6374.03 | 6375.45 | 6376.05 | 6377.07 |
| EXIST. CL ELEV. 6372.65 | 6374.03 | 6373.49 | 6375.13 | 6376.05 | 6376.39 |
| PROPOSED TOP OF PVM'T. ELEV. 6374.41 | 6374.40 | 6374.77 | 6376.05 | 6376.60 | 6377.49 |
| EXIST. CL ELEV. 6373.35 | 6375.16 | 6374.37 | 6375.13 | 6376.05 | 6376.78 |
| PROPOSED TOP OF PVM'T. ELEV. 6375.10 | 6375.06 | 6375.45 | 6376.05 | 6376.60 | 6377.07 |
| EXIST. CL ELEV. 6374.01 | 6375.91 | 6375.13 | 6376.05 | 6376.60 | 6376.39 |
| PROPOSED TOP OF PVM'T. ELEV. 6376.74 | 6376.70 | 6377.07 | 6377.49 | 6377.83 | 6378.13 |
| EXIST. CL ELEV. 6375.04 | 6377.40 | 6376.39 | 6376.78 | 6377.04 | 6377.27 |
| PROPOSED TOP OF PVM'T. ELEV. 6377.12 | 6377.11 | 6377.49 | 6377.83 | 6378.13 | 6378.42 |
| EXIST. CL ELEV. 6375.56 | 6377.81 | 6376.78 | 6377.04 | 6377.27 | 6377.43 |
| PROPOSED TOP OF PVM'T. ELEV. 6377.49 | 6377.45 | 6377.83 | 6378.13 | 6378.42 | 6378.74 |
| EXIST. CL ELEV. 6375.94 | 6378.10 | 6377.04 | 6377.27 | 6377.43 | 6377.61 |
| PROPOSED TOP OF PVM'T. ELEV. 6377.81 | 6377.79 | 6378.13 | 6378.42 | 6378.74 | 6378.92 |
| EXIST. CL ELEV. 6376.33 | 6378.38 | 6377.27 | 6377.43 | 6377.61 | 6378.43 |
| PROPOSED TOP OF PVM'T. ELEV. 6378.11 | 6378.10 | 6378.42 | 6378.74 | 6378.92 | 6378.60 |
| EXIST. CL ELEV. 6376.75 | 6378.40 | 6377.43 | 6377.61 | 6378.43 | 6378.60 |
| PROPOSED TOP OF PVM'T. ELEV. 6378.45 | 6378.41 | 6378.74 | 6378.92 | 6378.60 | |
| EXIST. CL ELEV. 6377.02 | 6378.42 | 6377.61 | 6378.43 | 6378.60 | |
| PROPOSED TOP OF PVM'T. ELEV. 6378.65 | 6378.60 | 6378.92 | 6378.60 | | |
| EXIST. CL ELEV. 6377.26 | 6378.43 | 6378.43 | 6378.60 | | |

## ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = ESTIMATED QUANTITY | CONC | = CONCRETE |
| SPI | = SEPARATE PAY ITEM | REM | = REMOVE |
| NSPI | = NO SEPARATE PAY ITEM | EXIST | = EXISTING |
| GRVL | = GRAVEL PAVEMENT | RT | = RIGHT |
| HMAC | = HOT MIX ASPHALT CONC | LT | = LEFT |
| SDWK | = CONCRETE SIDEWALK | TYP | = TYPICAL |
| SD | = STORM DRAIN PIPE | RET. | = RETURN |
| RCP | = REINFORCED CONC PIPE | STA. | = STATION |
| SBC | = SINGLE BOX CULVERT | DRWY | = DRIVEWAY |
| MBC | = MULTIPLE BOX CULVERT | TEMP | = TEMPORARY |
| INV | = INVERT ELEVATION | COMM | = COMMERCIAL |
| TC | = TOP OF CURB ELEVATION | SHT | = SHEET |
| GT | = GUTTER ELEVATION | PVMT | = PAVEMENT |
| FL | = FLOWLINE ELEVATION | ASPH | = ASPHALT |
| | | ESMT | = EASEMENT |
| | | UNK | = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

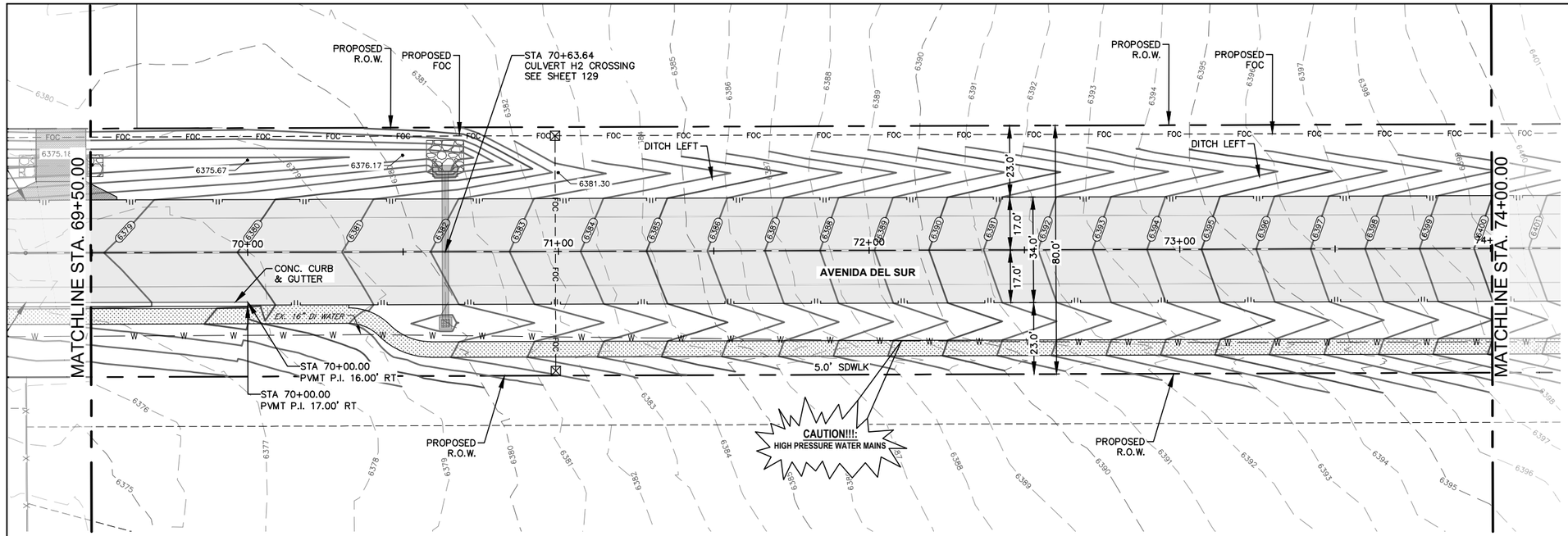
AVENIDA DEL SUR
ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 64 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:56 AM

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg




LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

nm811 Know what's below. Call before you dig.

N

0 20' 40'

SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

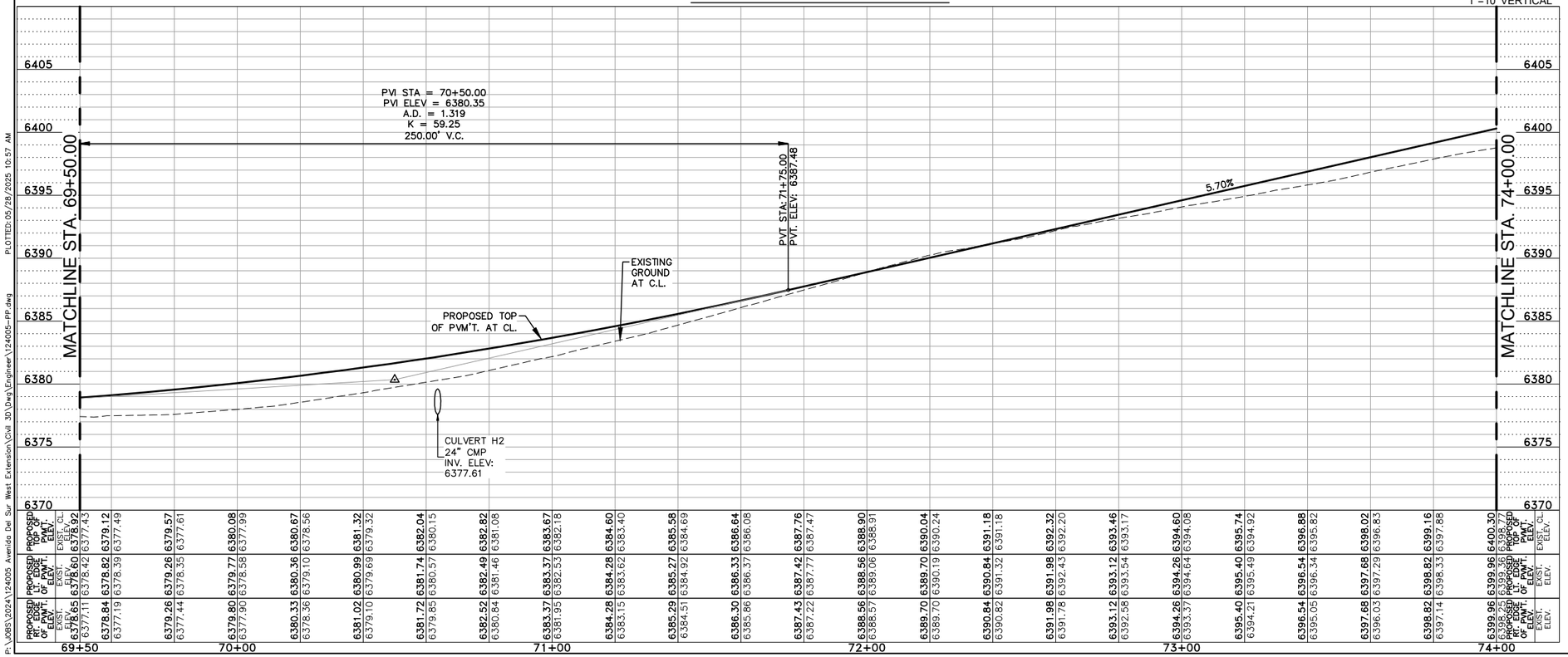
(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

(12) DRIVEWAY NUMBER

MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| 69+50 | 70+00 | 71+00 | 72+00 | 73+00 | 74+00 |
|---|---|---|---|---|---|
| PROPOSED TOP OF PVMT. ELEV. | 6378.92 | 6379.57 | 6380.08 | 6380.67 | 6381.32 |
| EXIST. CL ELEV. | 6377.43 | 6377.61 | 6377.99 | 6378.56 | 6379.32 |
| PROPOSED TOP OF PVMT. ELEV. | 6378.60 | 6379.26 | 6379.77 | 6380.36 | 6380.99 |
| PROPOSED EDGE OF PVMT. ELEV. | 6378.42 | 6378.35 | 6378.58 | 6379.10 | 6379.69 |
| EXIST. ELEV. | 6377.11 | 6379.65 | 6381.95 | 6382.53 | 6383.62 |
| PROPOSED TOP OF PVMT. ELEV. | 6378.84 | 6379.26 | 6379.80 | 6380.33 | 6381.02 |
| PROPOSED EDGE OF PVMT. ELEV. | 6378.82 | 6379.44 | 6379.90 | 6380.36 | 6380.99 |
| EXIST. ELEV. | 6377.19 | 6378.39 | 6377.90 | 6378.36 | 6379.10 |

| 69+50 | 70+00 | 71+00 | 72+00 | 73+00 | 74+00 |
|---|---|---|---|---|---|
| PROPOSED TOP OF PVMT. ELEV. | 6381.72 | 6382.52 | 6383.37 | 6384.28 | 6385.29 |
| EXIST. CL ELEV. | 6382.04 | 6382.82 | 6383.67 | 6384.60 | 6385.58 |
| PROPOSED TOP OF PVMT. ELEV. | 6381.74 | 6382.49 | 6383.37 | 6384.28 | 6385.27 |
| PROPOSED EDGE OF PVMT. ELEV. | 6381.46 | 6382.49 | 6383.37 | 6384.28 | 6385.27 |
| EXIST. ELEV. | 6380.57 | 6380.84 | 6381.95 | 6383.15 | 6384.51 |
| PROPOSED TOP OF PVMT. ELEV. | 6381.74 | 6382.52 | 6383.37 | 6384.28 | 6385.29 |
| PROPOSED EDGE OF PVMT. ELEV. | 6381.46 | 6382.49 | 6383.37 | 6384.28 | 6385.27 |
| EXIST. ELEV. | 6380.57 | 6380.84 | 6381.95 | 6383.15 | 6384.51 |

| 69+50 | 70+00 | 71+00 | 72+00 | 73+00 | 74+00 |
|---|---|---|---|---|---|
| PROPOSED TOP OF PVMT. ELEV. | 6387.43 | 6388.56 | 6389.70 | 6390.84 | 6391.98 |
| EXIST. CL ELEV. | 6387.76 | 6388.90 | 6390.04 | 6391.18 | 6392.32 |
| PROPOSED TOP OF PVMT. ELEV. | 6387.42 | 6388.56 | 6389.70 | 6390.84 | 6391.98 |
| PROPOSED EDGE OF PVMT. ELEV. | 6387.22 | 6388.56 | 6389.70 | 6390.84 | 6391.78 |
| EXIST. ELEV. | 6387.47 | 6388.57 | 6389.70 | 6390.82 | 6392.43 |
| PROPOSED TOP OF PVMT. ELEV. | 6387.43 | 6388.56 | 6389.70 | 6390.84 | 6391.98 |
| PROPOSED EDGE OF PVMT. ELEV. | 6387.22 | 6388.56 | 6389.70 | 6390.84 | 6391.78 |
| EXIST. ELEV. | 6387.47 | 6388.57 | 6389.70 | 6390.82 | 6391.32 |

| 69+50 | 70+00 | 71+00 | 72+00 | 73+00 | 74+00 |
|---|---|---|---|---|---|
| PROPOSED TOP OF PVMT. ELEV. | 6393.12 | 6393.46 | 6394.60 | 6395.74 | 6396.88 |
| EXIST. CL ELEV. | 6393.46 | 6393.67 | 6394.60 | 6395.74 | 6396.88 |
| PROPOSED TOP OF PVMT. ELEV. | 6393.12 | 6393.46 | 6394.60 | 6395.40 | 6396.54 |
| PROPOSED EDGE OF PVMT. ELEV. | 6393.12 | 6393.46 | 6394.60 | 6395.40 | 6396.54 |
| EXIST. ELEV. | 6393.17 | 6393.54 | 6394.08 | 6394.92 | 6395.82 |
| PROPOSED TOP OF PVMT. ELEV. | 6393.12 | 6393.46 | 6394.26 | 6395.40 | 6396.54 |
| PROPOSED EDGE OF PVMT. ELEV. | 6392.58 | 6393.54 | 6394.04 | 6394.92 | 6396.34 |
| EXIST. ELEV. | 6393.17 | 6393.54 | 6394.08 | 6394.92 | 6395.82 |

| 69+50 | 70+00 | 71+00 | 72+00 | 73+00 | 74+00 |
|---|---|---|---|---|---|
| PROPOSED TOP OF PVMT. ELEV. | 6396.88 | 6398.82 | 6399.96 | 6400.30 | |
| EXIST. CL ELEV. | 6396.88 | 6398.82 | 6399.96 | 6400.30 | |
| PROPOSED TOP OF PVMT. ELEV. | 6396.88 | 6398.82 | 6399.96 | 6400.30 | |
| PROPOSED EDGE OF PVMT. ELEV. | 6396.88 | 6398.82 | 6399.96 | 6400.30 | |
| EXIST. ELEV. | 6396.88 | 6399.16 | 6399.96 | 6400.30 | |
| PROPOSED TOP OF PVMT. ELEV. | 6396.54 | 6398.82 | 6399.96 | 6400.30 | |
| PROPOSED EDGE OF PVMT. ELEV. | 6396.54 | 6398.82 | 6399.96 | 6400.30 | |
| EXIST. ELEV. | 6396.82 | 6399.16 | 6399.96 | 6400.30 | |

ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = | ESTIMATED QUANTITY | |
| SPI | = | SEPARATE PAY ITEM | |
| NSPI | = | NO SEPARATE PAY ITEM | |
| GRVL | = | GRAVEL PAVEMENT | |
| HMAC | = | HOT MIX ASPHALT CONC | |
| SDWK | = | CONCRETE SIDEWALK | |
| SD | = | STORM DRAIN PIPE | |
| RCP | = | REINFORCED CONC PIPE | |
| SBC | = | SINGLE BOX CULVERT | |
| MBC | = | MULTIPLE BOX CULVERT | |
| INV | = | INVERT ELEVATION | |
| TC | = | TOP OF CURB ELEVATION | |
| GT | = | GUTTER ELEVATION | |
| FL | = | FLOWLINE ELEVATION | |
| CONC | = | CONCRETE | |
| REM | = | REMOVE | |
| EXIST | = | EXISTING | |
| RT | = | RIGHT | |
| LT | = | LEFT | |
| TYP | = | TYPICAL | |
| RET. | = | RETURN | |
| STA. | = | STATION | |
| DRWY | = | DRIVEWAY | |
| TEMP | = | TEMPORARY | |
| COMM | = | COMMERCIAL | |
| SHT | = | SHEET | |
| PVMT | = | PAVEMENT | |
| ASPH | = | ASPHALT | |
| ESMT | = | EASEMENT | |
| UNK | = | UNKNOWN | |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

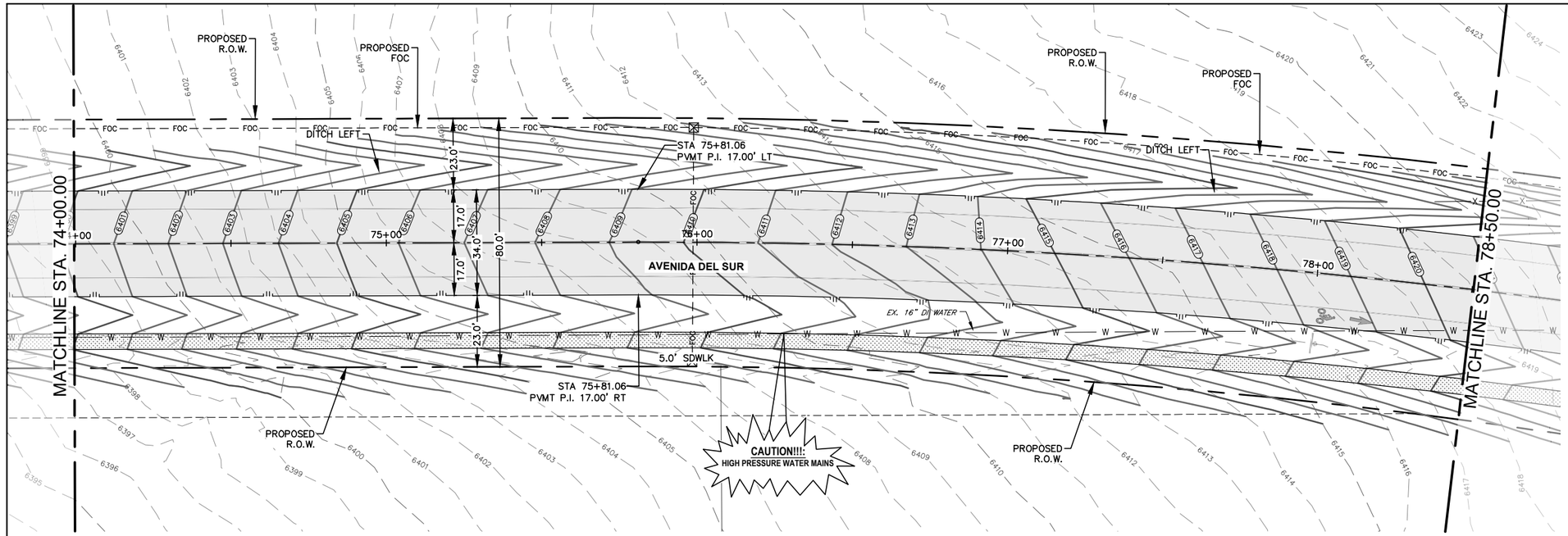
AVENIDA DEL SUR
ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 65 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:57 AM

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg




**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

0 20' 40'
SCALE IN FEET

## LEGEND

EXISTING

- (W) WATER METER
- (E) ELECTRIC MANHOLE
- (E) ELECTRIC METER
- (CO) SEWER CLEAN OUT
- (G) GAS MANHOLE
- (D) STORM DRAIN MANHOLE
- (T) TELEPHONE MANHOLE
- (T) TELEPHONE PEDESTAL
- (S) SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- (W) WATER VALVE
- (G) GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

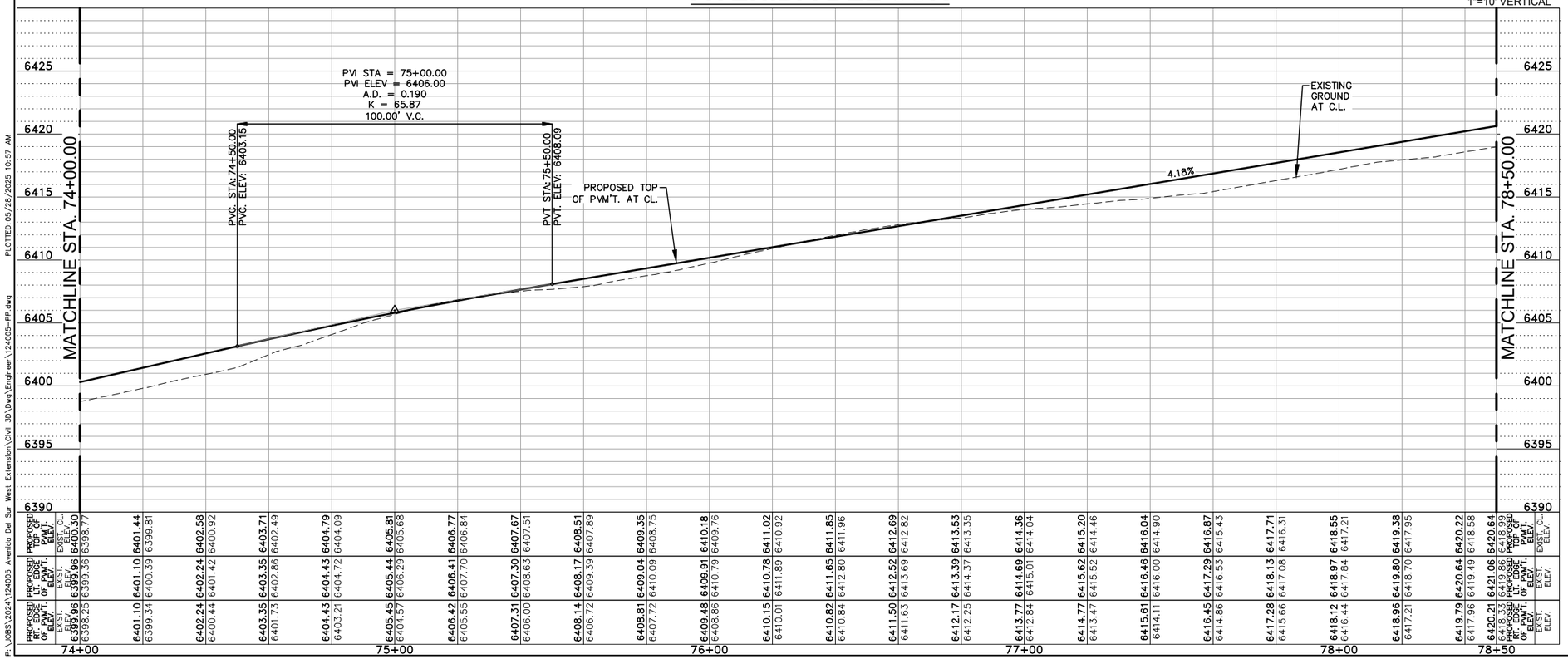
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

(12) DRIVEWAY NUMBER ▼MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL ELEV. | PROPOSED TOP OF PVM'T. ELEV. | EXIST. CL ELEV. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6398.25 | 6398.77 | 6399.36 | 6399.81 | 6400.44 | 6400.92 | 6401.73 | 6402.49 | 6403.21 | 6404.09 | 6404.57 | 6405.68 | 6406.29 | 6406.84 | 6405.55 | 6407.70 | 6406.00 | 6408.63 | 6406.72 | 6409.39 | 6407.72 | 6410.09 | 6408.86 | 6410.79 | 6410.01 | 6411.89 |
| 6399.96 | 6400.30 | 6400.39 | 6401.44 | 6401.42 | 6402.58 | 6402.86 | 6403.71 | 6404.72 | 6404.79 | 6405.44 | 6405.81 | 6406.41 | 6406.77 | 6407.30 | 6407.67 | 6408.14 | 6408.51 | 6408.17 | 6409.35 | 6409.04 | 6409.91 | 6409.48 | 6410.18 | 6410.78 | 6411.02 |
| 6401.10 | 6401.44 | 6402.24 | 6402.58 | 6403.35 | 6403.71 | 6404.43 | 6404.79 | 6405.45 | 6405.81 | 6406.42 | 6406.77 | 6407.31 | 6407.67 | 6408.17 | 6408.51 | 6409.04 | 6409.35 | 6409.91 | 6410.18 | 6410.15 | 6411.02 | 6410.82 | 6411.65 | 6411.50 | 6412.52 | 6412.69 |
| 6399.34 | 6400.39 | 6400.44 | 6401.42 | 6401.73 | 6402.86 | 6403.21 | 6404.72 | 6404.57 | 6406.29 | 6405.55 | 6407.70 | 6406.00 | 6408.63 | 6406.72 | 6409.39 | 6407.72 | 6410.09 | 6408.86 | 6410.79 | 6410.01 | 6411.89 | 6410.84 | 6412.80 | 6411.63 | 6413.69 | 6412.82 |
| 6412.17 | 6413.53 | 6413.77 | 6414.69 | 6414.36 | 6415.20 | 6415.61 | 6416.46 | 6416.04 | 6416.87 | 6416.45 | 6417.29 | 6417.28 | 6418.13 | 6417.71 | 6418.55 | 6418.12 | 6418.97 | 6418.96 | 6419.80 | 6419.38 | 6420.22 | 6419.79 | 6420.64 | 6420.21 | 6421.06 | 6420.63 |
| 6413.35 | 6414.04 | 6412.84 | 6415.01 | 6414.90 | 6414.46 | 6413.47 | 6415.52 | 6414.11 | 6416.00 | 6414.86 | 6416.53 | 6415.66 | 6417.08 | 6416.31 | 6417.84 | 6416.44 | 6417.95 | 6417.21 | 6418.70 | 6417.96 | 6419.49 | 6418.58 | 6420.93 | 6419.96 | 6421.48 | 6420.93 |

74+00 75+00 76+00 77+00 78+00 78+50

PLOTTED: 05/28/2025 10:57 AM
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg

ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = | ESTIMATED QUANTITY | |
| SPI | = | SEPARATE PAY ITEM | |
| NSPI | = | NO SEPARATE PAY ITEM | |
| GRVL | = | GRAVEL PAVEMENT | |
| HMAC | = | HOT MIX ASPHALT CONC | |
| SDWK | = | CONCRETE SIDEWALK | |
| SD | = | STORM DRAIN PIPE | |
| RCP | = | REINFORCED CONC PIPE | |
| SBC | = | SINGLE BOX CULVERT | |
| MBC | = | MULTIPLE BOX CULVERT | |
| INV | = | INVERT ELEVATION | |
| TC | = | TOP OF CURB ELEVATION | |
| GT | = | GUTTER ELEVATION | |
| FL | = | FLOWLINE ELEVATION | |
| CONC | = | CONCRETE | DRWY = DRIVEWAY |
| REM | = | REMOVE | TEMP = TEMPORARY |
| EXIST | = | EXISTING | COMM = COMMERCIAL |
| RT | = | RIGHT | SHT = SHEET |
| LT | = | LEFT | PVMT = PAVEMENT |
| TYP | = | TYPICAL | ASPH = ASPHALT |
| RET. | = | RETURN | ESMT = EASEMENT |
| STA. | = | STATION | UNK = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

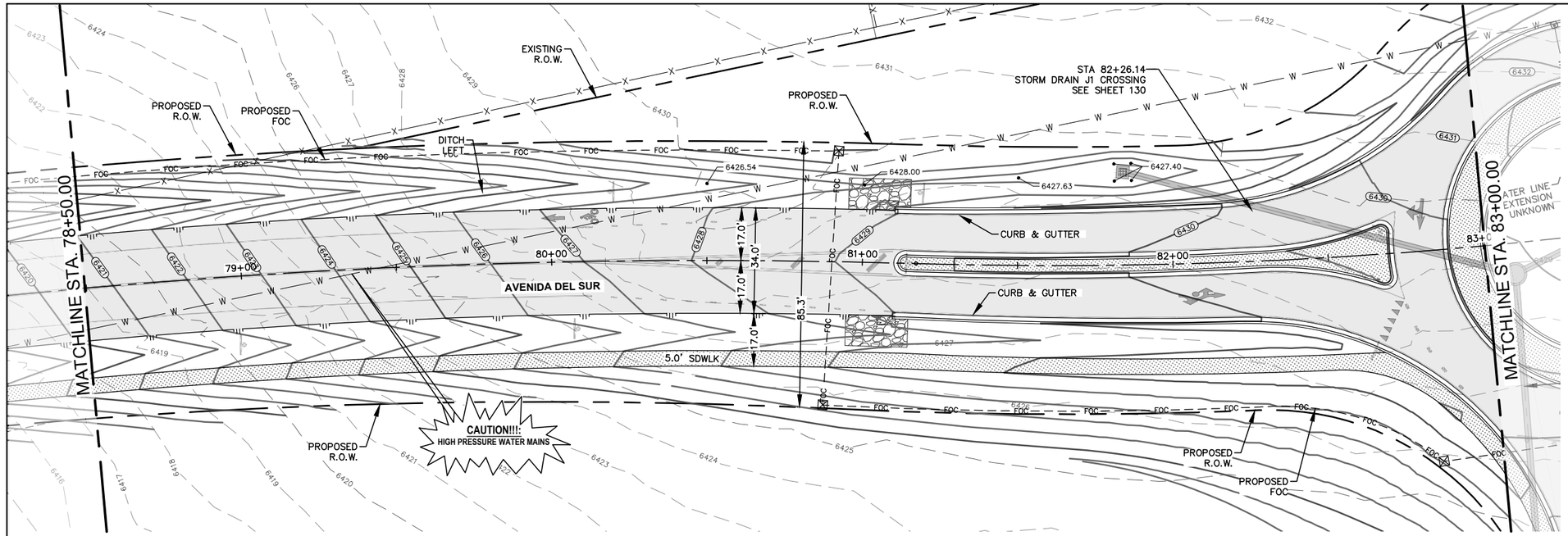
SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## AVENIDA DEL SUR
## ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 66 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**




**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

0 20' 40'
SCALE IN FEET

## LEGEND

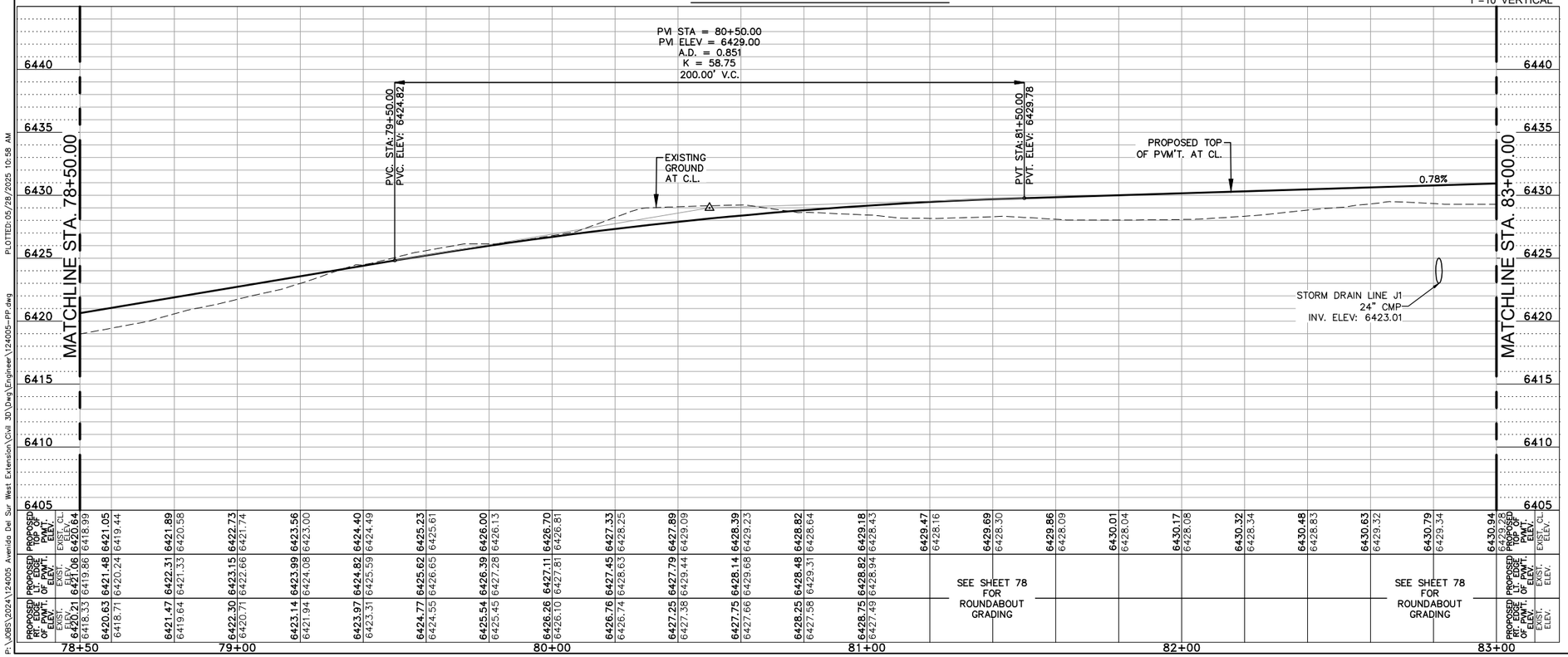
EXISTING
- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING
- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

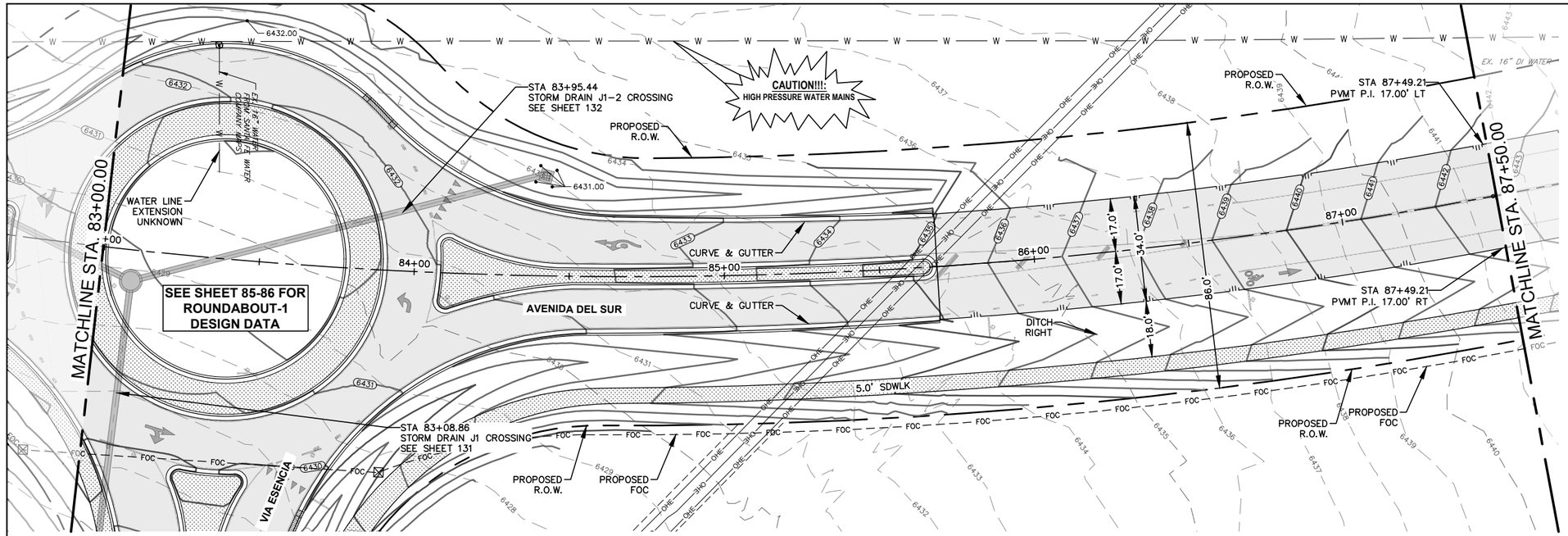
PROPOSED
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL

# AVENIDA DEL SUR




| | | |




**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
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- EXISTING BUILDING

PROPOSED

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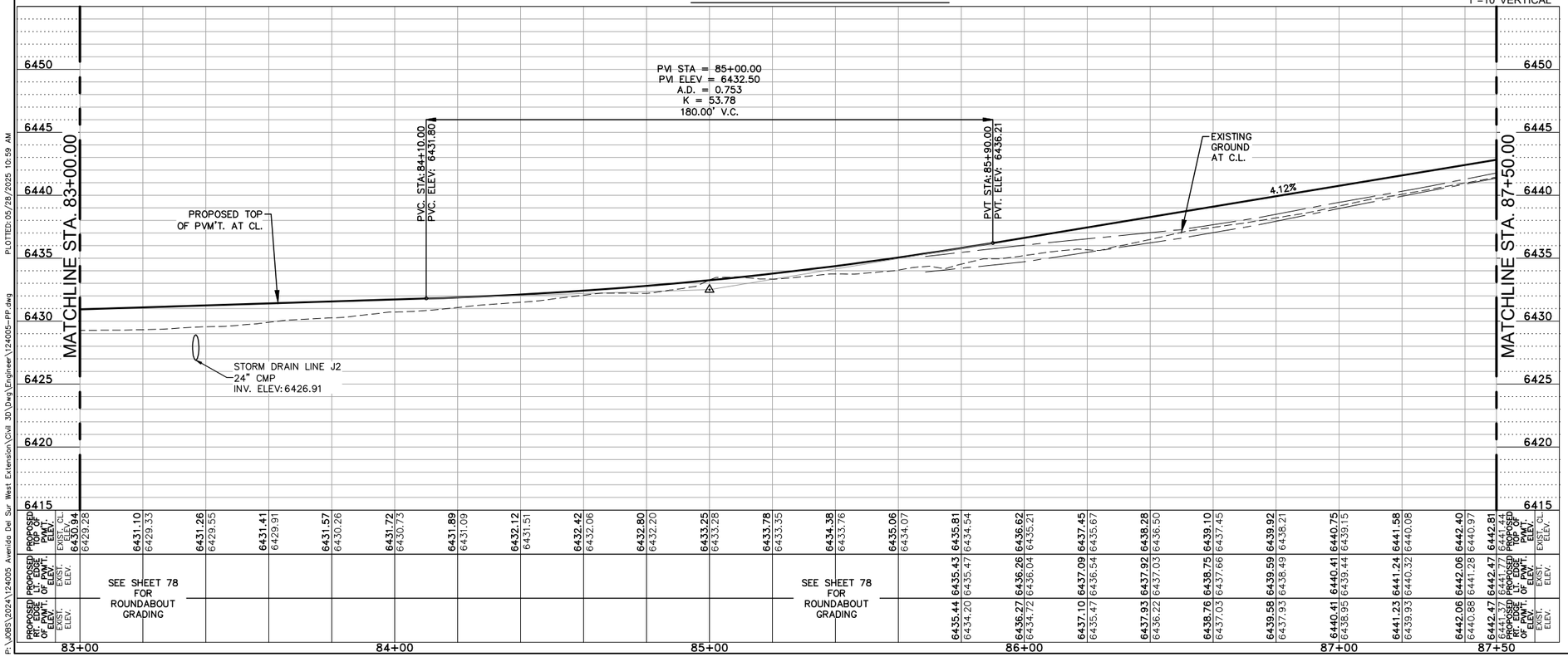
(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

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MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




## ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = | ESTIMATED QUANTITY | |
| SPI | = | SEPARATE PAY ITEM | |
| NSPI | = | NO SEPARATE PAY ITEM | |
| GRVL | = | GRAVEL PAVEMENT | |
| HMAC | = | HOT MIX ASPHALT CONC | |
| SDWK | = | CONCRETE SIDEWALK | |
| SD | = | STORM DRAIN PIPE | |
| RCP | = | REINFORCED CONC PIPE | |
| SBC | = | SINGLE BOX CULVERT | |
| MBC | = | MULTIPLE BOX CULVERT | |
| INV | = | INVERT ELEVATION | |
| TC | = | TOP OF CURB ELEVATION | |
| GT | = | GUTTER ELEVATION | |
| FL | = | FLOWLINE ELEVATION | |
| CONC | = | CONCRETE | DRWY = DRIVEWAY |
| REM | = | REMOVE | TEMP = TEMPORARY |
| EXIST | = | EXISTING | COMM = COMMERCIAL |
| RT | = | RIGHT | SHT = SHEET |
| LT | = | LEFT | PVMT = PAVEMENT |
| TYP | = | TYPICAL | ASPH = ASPHALT |
| RET. | = | RETURN | ESMT = EASEMENT |
| STA. | = | STATION | UNK = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS — 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

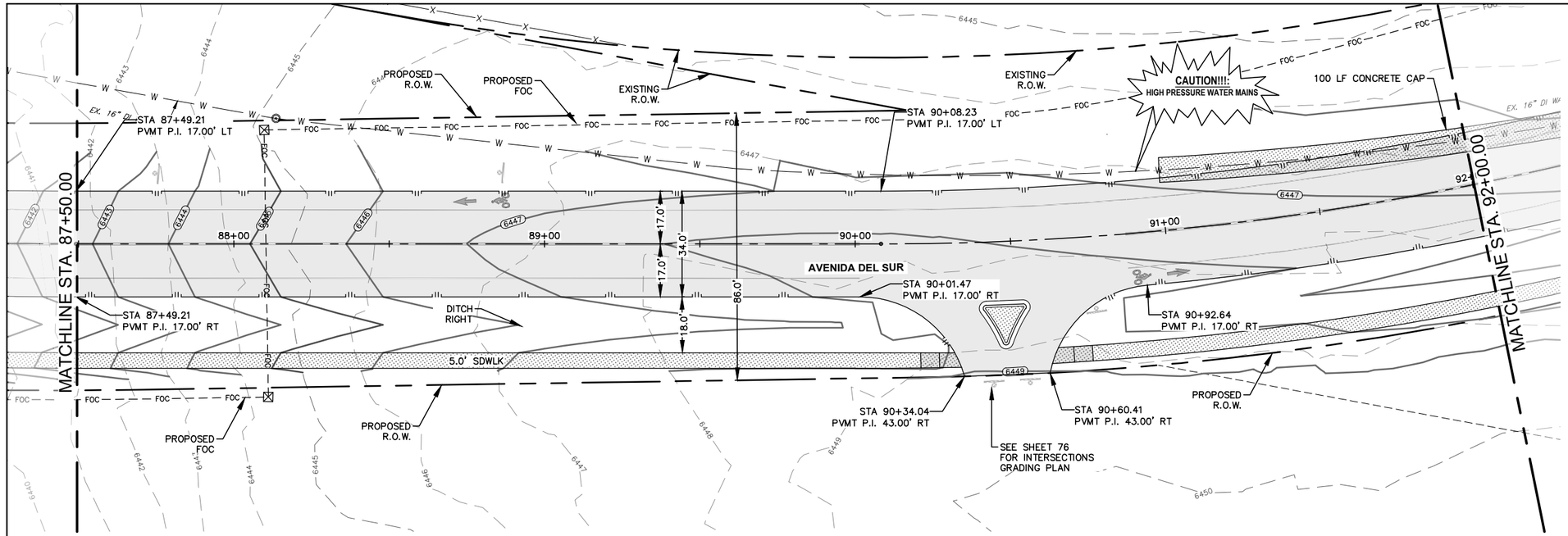
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## AVENIDA DEL SUR ROADWAY PLAN & PROFILE

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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 68 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:59 AM
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg




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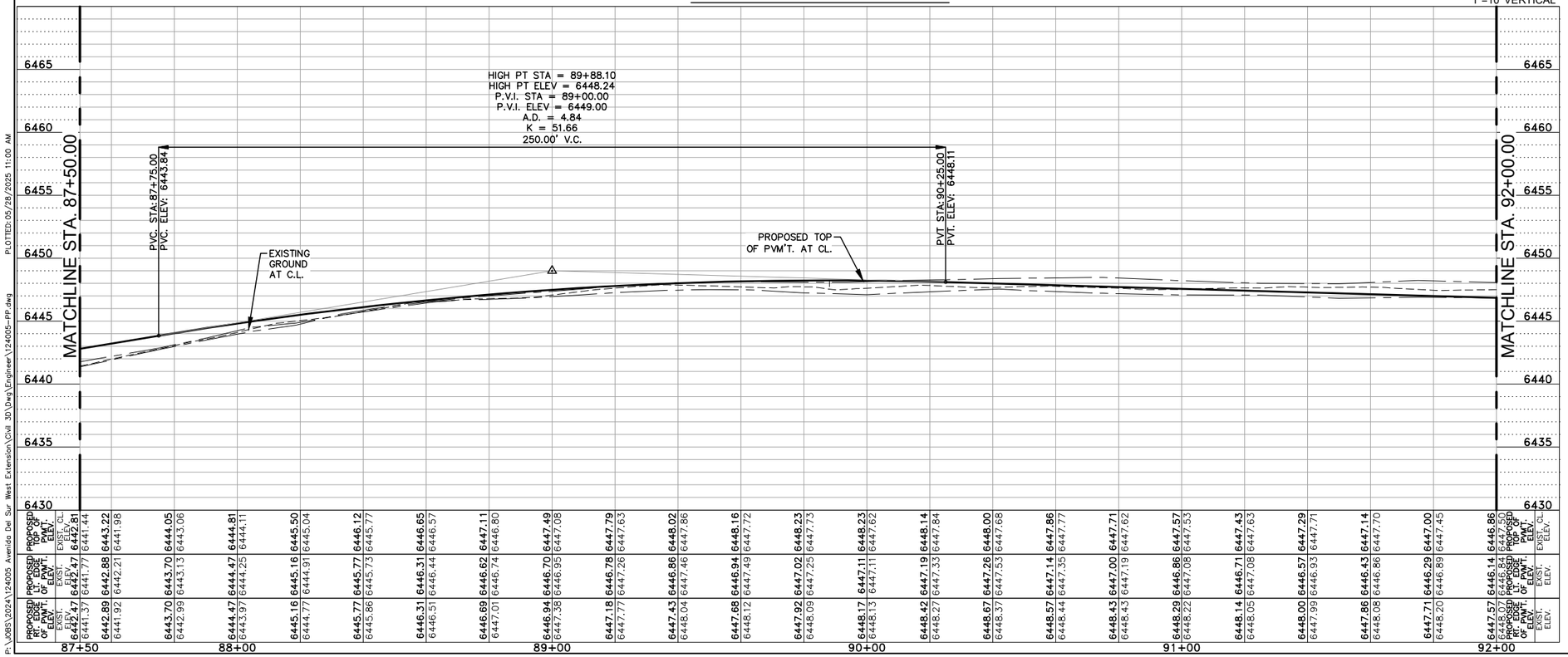
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(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| | 87+50 | 88+00 | 89+00 | 90+00 | 91+00 | 92+00 |
|---|---|---|---|---|---|---|
| PROPOSED TOP OF PVMT. ELEV. | 6443.70 | 6444.05 | 6444.81 | 6445.50 | 6446.12 | 6446.65 |
| PROPOSED FLOWLINE ELEV. | 6442.99 | 6443.06 | 6443.97 | 6444.77 | 6445.73 | 6446.44 |
| EXIST. C.L. ELEV. | 6441.37 | 6441.44 | 6444.11 | 6445.04 | 6445.77 | 6446.57 |
| PROPOSED TOP OF PVMT. ELEV. | 6443.70 | 6443.70 | 6444.47 | 6445.16 | 6445.77 | 6446.31 |
| PROPOSED FLOWLINE ELEV. | 6442.99 | 6443.13 | 6444.25 | 6444.91 | 6445.73 | 6446.44 |
| EXIST. C.L. ELEV. | 6441.37 | 6441.77 | 6444.11 | 6445.04 | 6445.77 | 6446.57 |
| PROPOSED TOP OF PVMT. ELEV. | 6442.47 | 6442.47 | 6444.47 | 6445.16 | 6445.77 | 6446.31 |
| PROPOSED FLOWLINE ELEV. | 6441.92 | 6442.21 | 6443.97 | 6444.77 | 6445.86 | 6446.51 |
| EXIST. C.L. ELEV. | 6441.92 | 6441.98 | 6444.11 | 6445.04 | 6445.77 | 6446.57 |
| PROPOSED TOP OF PVMT. ELEV. | 6442.47 | 6442.88 | 6443.22 | | | |
| PROPOSED FLOWLINE ELEV. | 6441.92 | 6442.21 | 6441.98 | | | |
| EXIST. C.L. ELEV. | | | | | | |

| | 6446.31 | 6446.62 | 6447.11 | 6447.49 | 6448.02 | 6448.16 | 6448.23 | 6448.23 | 6448.14 | 6448.00 | 6447.86 | 6447.43 | 6447.29 | 6447.14 | 6446.86 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6446.44 | 6446.74 | 6447.25 | 6447.08 | 6447.46 | 6447.72 | 6447.73 | 6447.62 | 6447.84 | 6447.68 | 6447.77 | 6447.63 | 6447.71 | 6447.70 | 6447.45 |
| | 6446.57 | 6446.80 | 6447.11 | 6447.49 | 6447.86 | 6448.12 | 6448.13 | 6447.62 | 6447.84 | 6447.68 | 6447.77 | 6447.63 | 6447.71 | 6447.70 | 6447.45 |
| | 6446.31 | 6446.62 | 6447.02 | 6447.26 | 6447.14 | 6447.57 | 6447.43 | 6447.29 | 6447.14 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 |
| | 6446.44 | 6446.74 | 6447.25 | 6447.53 | 6447.35 | 6447.53 | 6447.08 | 6447.08 | 6446.93 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 |
| | 6446.57 | 6446.80 | 6447.11 | 6447.26 | 6447.14 | 6447.57 | 6447.43 | 6447.29 | 6447.14 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 |
| | 6446.69 | 6446.94 | 6447.17 | 6447.00 | 6446.86 | 6447.29 | 6447.14 | 6446.86 | 6446.71 | 6446.57 | 6446.43 | 6446.29 | 6446.14 | 6445.86 | 6445.43 |
| | 6446.94 | 6447.38 | 6446.95 | 6447.19 | 6447.33 | 6447.62 | 6447.19 | 6447.19 | 6447.05 | 6446.93 | 6446.86 | 6446.89 | 6446.57 | 6446.29 | 6445.86 |
| | 6447.18 | 6447.42 | 6447.19 | 6447.71 | 6447.57 | 6447.86 | 6447.71 | 6447.62 | 6447.43 | 6447.29 | 6447.14 | 6447.00 | 6446.86 | 6446.57 | 6446.14 |
| | 6447.77 | 6448.27 | 6447.33 | 6447.62 | 6447.53 | 6447.77 | 6447.62 | 6447.43 | 6447.29 | 6447.14 | 6446.86 | 6446.71 | 6446.57 | 6446.29 | 6445.86 |
| | 6447.43 | 6448.43 | 6447.00 | 6447.71 | 6447.57 | 6447.86 | 6447.71 | 6447.62 | 6447.43 | 6447.29 | 6447.14 | 6447.00 | 6446.86 | 6446.57 | 6446.14 |
| | 6448.04 | 6448.27 | 6447.33 | 6447.62 | 6447.53 | 6447.77 | 6447.62 | 6447.43 | 6447.29 | 6447.14 | 6446.86 | 6446.71 | 6446.57 | 6446.29 | 6445.86 |
| | 6448.02 | 6448.43 | 6447.00 | 6447.71 | 6447.57 | 6447.86 | 6447.71 | 6447.62 | 6447.43 | 6447.29 | 6447.14 | 6447.00 | 6446.86 | 6446.57 | 6446.14 |
| | 6448.04 | 6448.43 | 6447.19 | 6447.62 | 6447.53 | 6447.77 | 6447.62 | 6447.43 | 6447.29 | 6447.14 | 6446.86 | 6446.71 | 6446.57 | 6446.29 | 6445.86 |
| | 6448.00 | 6448.29 | 6446.86 | 6447.57 | 6447.43 | 6447.63 | 6447.57 | 6447.29 | 6447.14 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 |
| | 6447.68 | 6448.22 | 6447.08 | 6447.53 | 6447.43 | 6447.63 | 6447.57 | 6447.29 | 6447.14 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 |
| | 6448.00 | 6448.14 | 6446.71 | 6447.43 | 6447.29 | 6447.63 | 6447.57 | 6447.29 | 6447.14 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 |
| | 6447.99 | 6448.05 | 6447.08 | 6447.63 | 6447.57 | 6447.71 | 6447.63 | 6447.29 | 6447.14 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 |
| | 6448.00 | 6447.99 | 6446.57 | 6447.29 | 6447.14 | 6447.71 | 6447.63 | 6447.29 | 6447.14 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 |
| | 6447.99 | 6446.93 | 6447.71 | 6447.70 | 6447.45 | 6447.63 | 6447.57 | 6447.29 | 6447.14 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 |
| | 6447.86 | 6446.43 | 6447.14 | 6447.70 | 6447.45 | 6447.63 | 6447.57 | 6447.29 | 6447.14 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 |
| | 6448.08 | 6446.86 | 6447.70 | 6447.45 | 6447.63 | 6447.57 | 6447.29 | 6447.14 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 | 6444.86 |
| | 6447.71 | 6446.29 | 6447.00 | 6447.45 | 6447.63 | 6447.57 | 6447.29 | 6447.14 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 | 6444.86 |
| | 6448.20 | 6446.89 | 6447.45 | 6447.63 | 6447.57 | 6447.71 | 6447.63 | 6447.29 | 6447.14 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 |
| | 6447.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 | 6444.86 | 6444.57 | 6444.29 | 6444.14 | 6443.86 | 6443.57 | 6443.29 | 6443.14 | 6442.86 | 6442.47 |
| | 6448.07 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 | 6444.86 | 6444.57 | 6444.29 | 6444.14 | 6443.86 | 6443.57 | 6443.29 | 6443.14 | 6442.86 |
| | 6448.22 | 6447.08 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 | 6444.86 | 6444.57 | 6444.29 | 6444.14 | 6443.86 | 6443.57 | 6443.29 | 6443.14 |
| | 6448.05 | 6447.08 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 | 6444.86 | 6444.57 | 6444.29 | 6444.14 | 6443.86 | 6443.57 | 6443.29 | 6443.14 |
| | 6447.99 | 6446.93 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 | 6444.86 | 6444.57 | 6444.29 | 6444.14 | 6443.86 | 6443.57 | 6443.29 | 6443.14 |
| | 6448.08 | 6446.86 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 | 6444.86 | 6444.57 | 6444.29 | 6444.14 | 6443.86 | 6443.57 | 6443.29 | 6443.14 |
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| | 6448.07 | 6446.57 | 6446.14 | 6445.86 | 6445.57 | 6445.14 | 6444.86 | 6444.57 | 6444.29 | 6444.14 | 6443.86 | 6443.57 | 6443.29 | 6443.14 | 6442.86 |

ABBREVIATIONS

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|---|---|---|---|
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| GT | = GUTTER ELEVATION | | |
| FL | = FLOWLINE ELEVATION | | |
| CONC | = CONCRETE | DRWY | = DRIVEWAY |
| REM | = REMOVE | TEMP | = TEMPORARY |
| EXIST | = EXISTING | COMM | = COMMERCIAL |
| RT | = RIGHT | SHT | = SHEET |
| LT | = LEFT | PVMT | = PAVEMENT |
| TYP | = TYPICAL | ASPH | = ASPHALT |
| RET. | = RETURN | ESMT | = EASEMENT |
| STA. | = STATION | UNK | = UNKNOWN |

(12) DRIVEWAY NUMBER
MB07 MAILBOX NUMBER

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

SANTA FE COUNTY

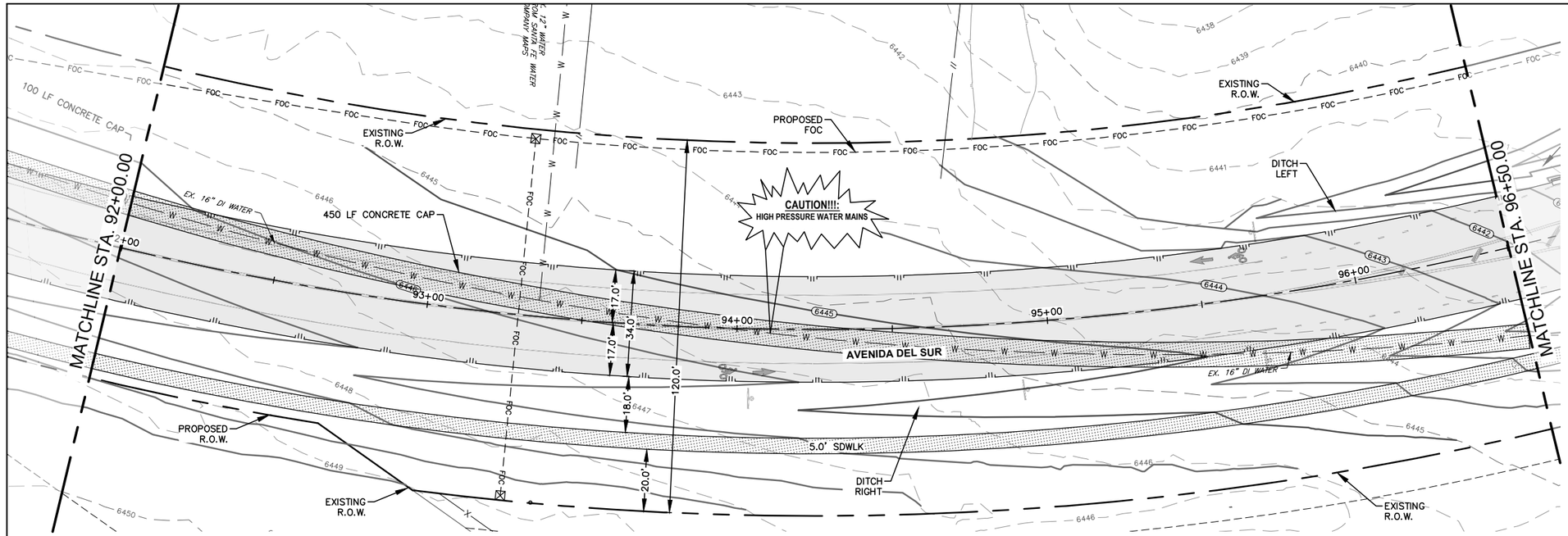
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
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AVENIDA DEL SUR
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
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**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 11:00 AM
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg




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- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

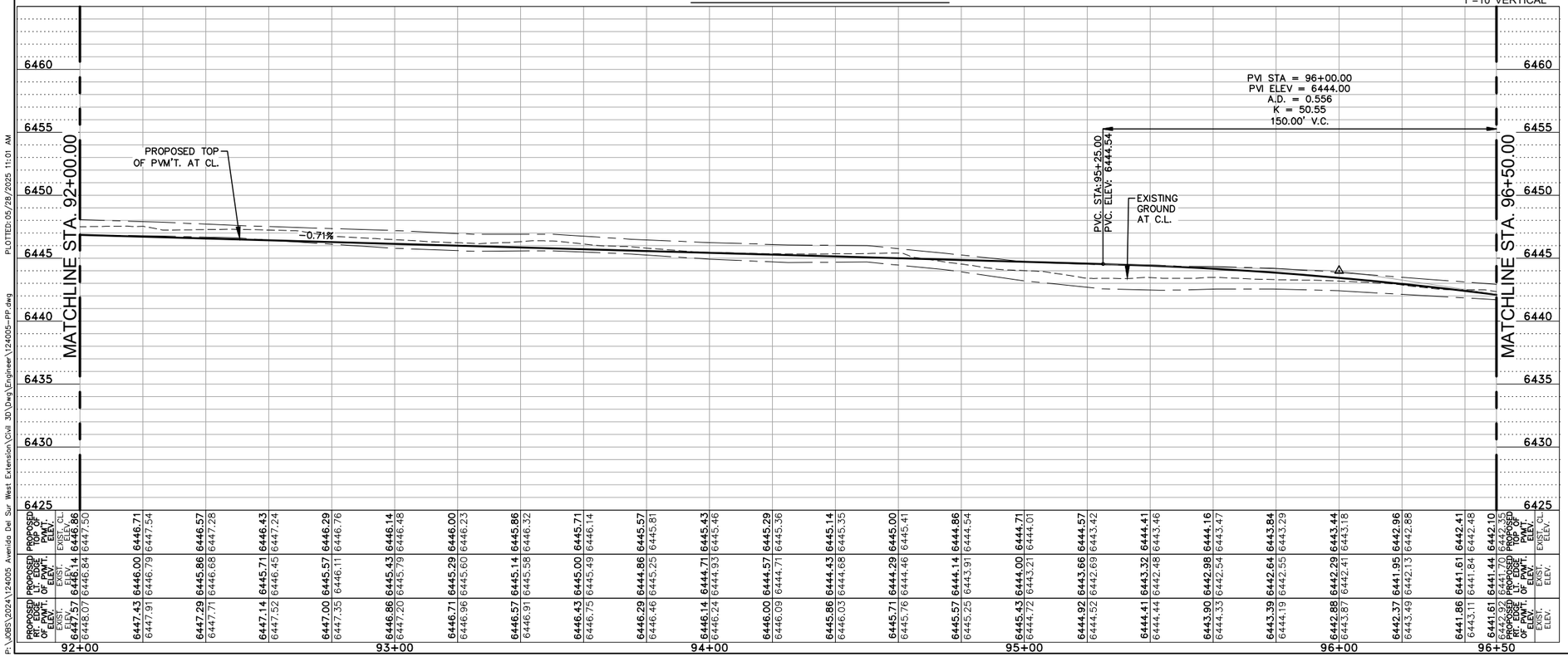
(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

12 DRIVEWAY NUMBER

MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| | 92+00 | 93+00 | 94+00 | 95+00 | 96+00 | 96+50 |
|---|---|---|---|---|---|---|
| PROPOSED TOP OF PVMT. ELEV. | 6446.86 | 6446.14 | 6445.43 | 6444.71 | 6443.99 | 6443.63 |
| EXIST. CL ELEV. | 6447.50 | 6446.48 | 6445.46 | 6444.44 | 6443.42 | 6442.91 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.84 | 6446.12 | 6445.41 | 6444.69 | 6443.97 | 6443.61 |
| EXIST. CL ELEV. | 6447.54 | 6446.52 | 6445.49 | 6444.46 | 6443.44 | 6442.93 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.82 | 6446.10 | 6445.39 | 6444.67 | 6443.95 | 6443.59 |
| EXIST. CL ELEV. | 6447.57 | 6446.57 | 6445.57 | 6444.57 | 6443.57 | 6443.07 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.80 | 6446.08 | 6445.37 | 6444.65 | 6443.93 | 6443.57 |
| EXIST. CL ELEV. | 6447.61 | 6446.61 | 6445.61 | 6444.61 | 6443.61 | 6443.11 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.78 | 6446.06 | 6445.35 | 6444.63 | 6443.91 | 6443.55 |
| EXIST. CL ELEV. | 6447.65 | 6446.65 | 6445.65 | 6444.65 | 6443.65 | 6443.15 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.76 | 6446.04 | 6445.33 | 6444.61 | 6443.89 | 6443.53 |
| EXIST. CL ELEV. | 6447.68 | 6446.68 | 6445.68 | 6444.68 | 6443.68 | 6443.18 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.74 | 6446.02 | 6445.31 | 6444.59 | 6443.87 | 6443.51 |
| EXIST. CL ELEV. | 6447.72 | 6446.72 | 6445.72 | 6444.72 | 6443.72 | 6443.22 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.72 | 6446.00 | 6445.29 | 6444.57 | 6443.85 | 6443.49 |
| EXIST. CL ELEV. | 6447.75 | 6446.75 | 6445.75 | 6444.75 | 6443.75 | 6443.25 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.70 | 6445.98 | 6445.27 | 6444.55 | 6443.83 | 6443.47 |
| EXIST. CL ELEV. | 6447.79 | 6446.79 | 6445.79 | 6444.79 | 6443.79 | 6443.29 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.68 | 6445.96 | 6445.25 | 6444.53 | 6443.81 | 6443.45 |
| EXIST. CL ELEV. | 6447.82 | 6446.82 | 6445.82 | 6444.82 | 6443.82 | 6443.32 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.66 | 6445.94 | 6445.23 | 6444.51 | 6443.79 | 6443.43 |
| EXIST. CL ELEV. | 6447.86 | 6446.86 | 6445.86 | 6444.86 | 6443.86 | 6443.36 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.64 | 6445.92 | 6445.21 | 6444.49 | 6443.77 | 6443.41 |
| EXIST. CL ELEV. | 6447.89 | 6446.89 | 6445.89 | 6444.89 | 6443.89 | 6443.39 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.62 | 6445.90 | 6445.19 | 6444.47 | 6443.75 | 6443.39 |
| EXIST. CL ELEV. | 6447.93 | 6446.93 | 6445.93 | 6444.93 | 6443.93 | 6443.43 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.60 | 6445.88 | 6445.17 | 6444.45 | 6443.73 | 6443.37 |
| EXIST. CL ELEV. | 6447.96 | 6446.96 | 6445.96 | 6444.96 | 6443.96 | 6443.46 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.58 | 6445.86 | 6445.15 | 6444.43 | 6443.71 | 6443.35 |
| EXIST. CL ELEV. | 6447.99 | 6446.99 | 6445.99 | 6444.99 | 6443.99 | 6443.49 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.56 | 6445.84 | 6445.13 | 6444.41 | 6443.69 | 6443.33 |
| EXIST. CL ELEV. | 6448.03 | 6447.03 | 6446.03 | 6445.03 | 6444.03 | 6443.53 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.54 | 6445.82 | 6445.11 | 6444.39 | 6443.67 | 6443.31 |
| EXIST. CL ELEV. | 6448.07 | 6447.07 | 6446.07 | 6445.07 | 6444.07 | 6443.57 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.52 | 6445.80 | 6445.09 | 6444.37 | 6443.65 | 6443.29 |
| EXIST. CL ELEV. | 6448.11 | 6447.11 | 6446.11 | 6445.11 | 6444.11 | 6443.61 |
| PROPOSED TOP OF PVMT. ELEV. | 6446.50 | 6445.78 | 6445.07 | 6444.35 | 6443.63 | 6443.27 |
| EXIST. CL ELEV. | 6448.15 | 6447.15 | 6446.15 | 6445.15 | 6444.15 | 6443.65 |

## ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = ESTIMATED QUANTITY | CONC | = CONCRETE |
| SPI | = SEPARATE PAY ITEM | REM | = REMOVE |
| NSPI | = NO SEPARATE PAY ITEM | EXIST | = EXISTING |
| GRVL | = GRAVEL PAVEMENT | RT | = RIGHT |
| HMAC | = HOT MIX ASPHALT CONC | LT | = LEFT |
| SDWK | = CONCRETE SIDEWALK | TYP | = TYPICAL |
| SD | = STORM DRAIN PIPE | RET. | = RETURN |
| RCP | = REINFORCED CONC PIPE | STA. | = STATION |
| SBC | = SINGLE BOX CULVERT | DRWY | = DRIVEWAY |
| MBC | = MULTIPLE BOX CULVERT | TEMP | = TEMPORARY |
| INV | = INVERT ELEVATION | COMM | = COMMERCIAL |
| TC | = TOP OF CURB ELEVATION | SHT | = SHEET |
| GT | = GUTTER ELEVATION | PVMT | = PAVEMENT |
| FL | = FLOWLINE ELEVATION | ASPH | = ASPHALT |
| | | ESMT | = EASEMENT |
| | | UNK | = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100195-00

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

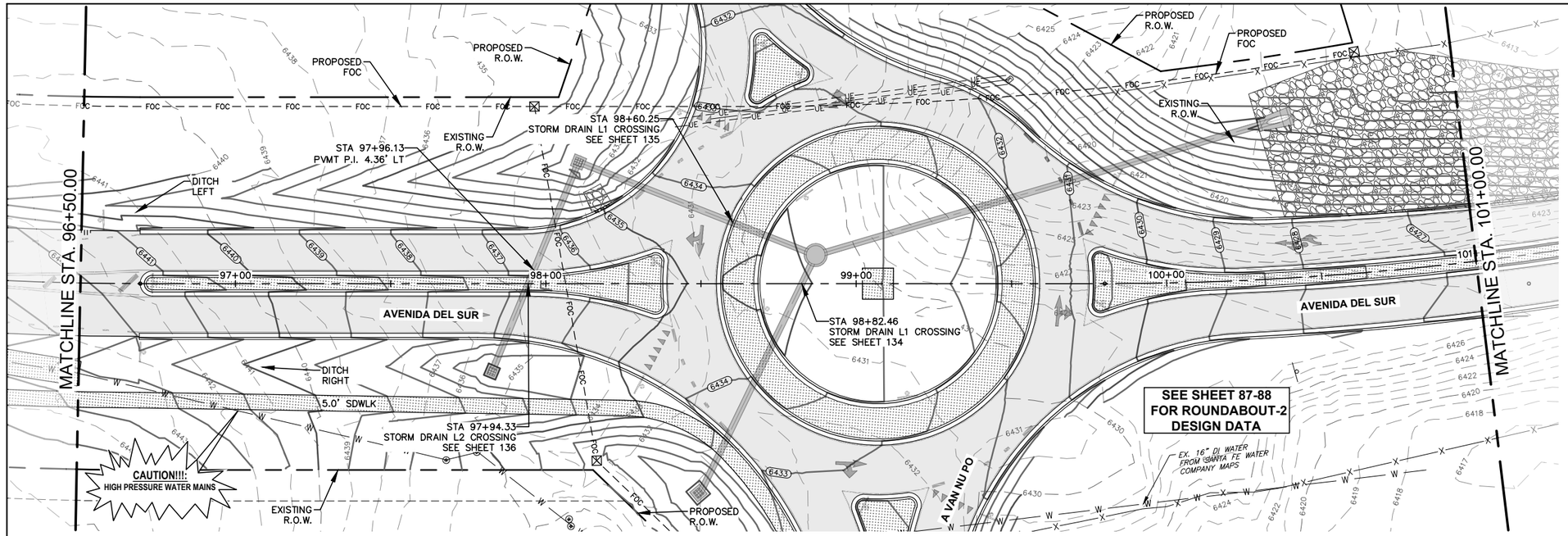
AVENIDA DEL SUR
ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 70 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 11:01 AM

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg




**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

0 20' 40'
SCALE IN FEET

## LEGEND

EXISTING
- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
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- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING
- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
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- WTR — WATER LINE
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- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

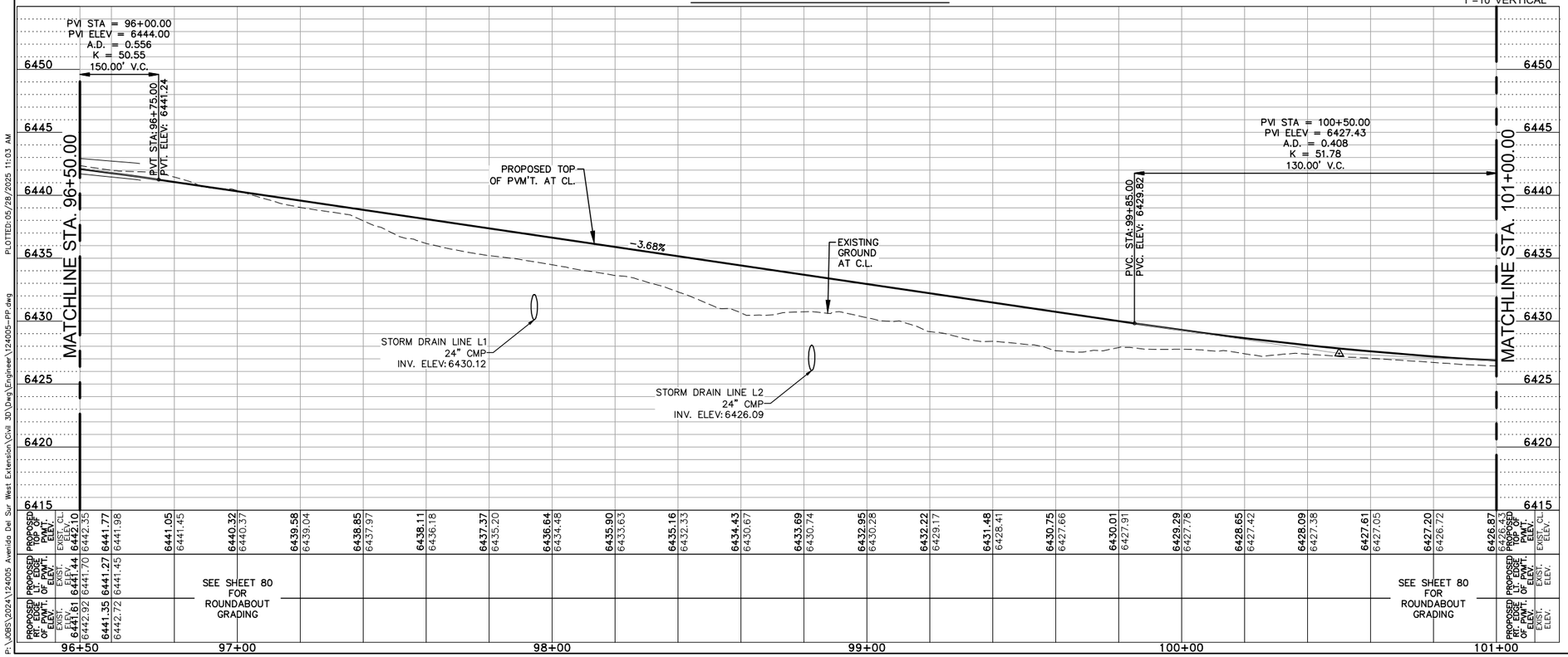
PROPOSED
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

12 DRIVEWAY NUMBER
MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




| | 96+50 | 97+00 | 98+00 | 99+00 | 100+00 | 101+00 |
|---|---|---|---|---|---|---|
| PROPOSED TOP OF PVM'T. ELEV. | 6441.05 | 6440.32 | 6439.58 | 6438.85 | 6438.11 | 6437.37 |
| EXIST. CL ELEV. | 6441.45 | 6440.37 | 6439.04 | 6437.97 | 6436.18 | 6435.20 |
| PROPOSED TOP OF PVM'T. ELEV. | 6442.10 | 6441.77 | 6441.98 | | | |
| EXIST. CL ELEV. | 6442.35 | | | | | |
| PROPOSED TOP OF PVM'T. ELEV. | 6436.64 | 6435.90 | 6435.16 | 6434.43 | 6433.69 | 6432.95 |
| EXIST. CL ELEV. | 6434.48 | 6433.63 | 6432.33 | 6430.67 | 6430.74 | 6430.28 |
| PROPOSED TOP OF PVM'T. ELEV. | 6432.22 | 6431.48 | 6430.75 | 6430.01 | 6429.29 | 6428.65 |
| EXIST. CL ELEV. | 6429.17 | 6428.41 | 6427.66 | 6427.91 | 6427.78 | 6427.42 |
| PROPOSED TOP OF PVM'T. ELEV. | 6428.09 | 6427.61 | 6427.20 | 6426.87 | | |
| EXIST. CL ELEV. | 6427.38 | 6427.05 | 6426.72 | 6426.43 | | |
| PROPOSED RT. EDGE OF PVM'T. ELEV. | 6441.61 | 6441.44 | 6441.27 | 6441.27 | | |
| EXIST. RT. EDGE OF PVM'T. ELEV. | 6442.92 | 6441.70 | 6441.45 | 6442.72 | | |
| PROPOSED LT. EDGE OF PVM'T. ELEV. | 6441.35 | | | | | |
| EXIST. LT. EDGE OF PVM'T. ELEV. | 6442.72 | | | | | |

SEE SHEET 80 FOR ROUNDABOUT GRADING

SEE SHEET 80 FOR ROUNDABOUT GRADING

ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = ESTIMATED QUANTITY | CONC | = CONCRETE |
| SPI | = SEPARATE PAY ITEM | REM | = REMOVE |
| NSPI | = NO SEPARATE PAY ITEM | EXIST | = EXISTING |
| GRVL | = GRAVEL PAVEMENT | RT | = RIGHT |
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| SDWK | = CONCRETE SIDEWALK | TYP | = TYPICAL |
| SD | = STORM DRAIN PIPE | RET. | = RETURN |
| RCP | = REINFORCED CONC PIPE | STA. | = STATION |
| SBC | = SINGLE BOX CULVERT | DRWY | = DRIVEWAY |
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| INV | = INVERT ELEVATION | COMM | = COMMERCIAL |
| TC | = TOP OF CURB ELEVATION | SHT | = SHEET |
| GT | = GUTTER ELEVATION | PVMT | = PAVEMENT |
| FL | = FLOWLINE ELEVATION | ASPH | = ASPHALT |
| | | ESMT | = EASEMENT |
| | | UNK | = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY

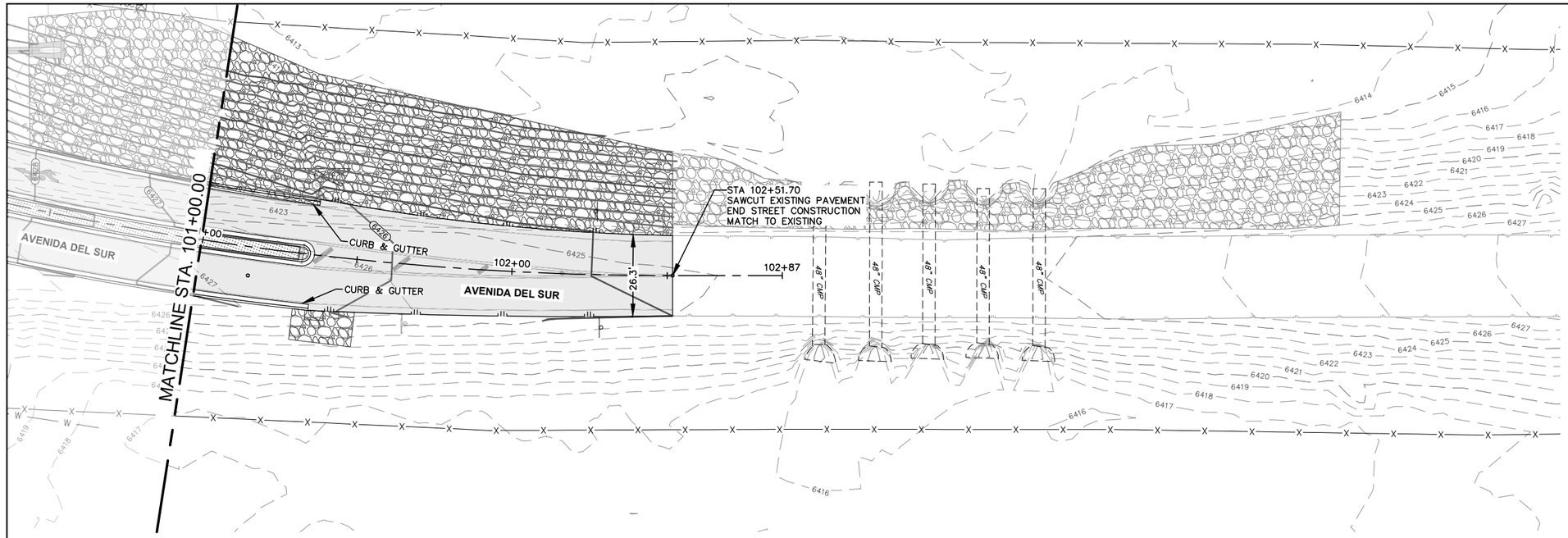
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 71 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 11:03 AM
P:\CDS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg




**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

0 20' 40'

SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
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EXISTING

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- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
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- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

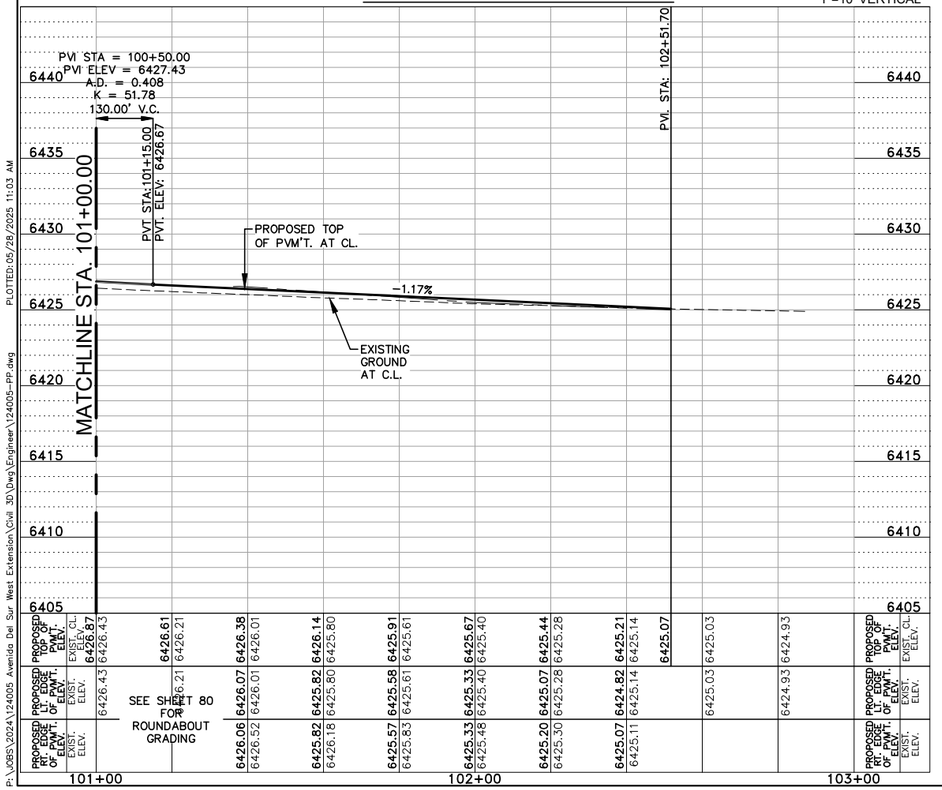
(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

12 DRIVEWAY NUMBER

MB07 MAILBOX NUMBER

# AVENIDA DEL SUR

**SCALE:**
1"=40' HORIZONTAL
1"=10' VERTICAL




ABBREVIATIONS

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|---|---|---|
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| HMAC | = | HOT MIX ASPHALT CONC |
| SDWK | = | CONCRETE SIDEWALK |
| SD | = | STORM DRAIN PIPE |
| RCP | = | REINFORCED CONC PIPE |
| SBC | = | SINGLE BOX CULVERT |
| MBC | = | MULTIPLE BOX CULVERT |
| INV | = | INVERT ELEVATION |
| TC | = | TOP OF CURB ELEVATION |
| GT | = | GUTTER ELEVATION |
| FL | = | FLOWLINE ELEVATION |
| CONC | = | CONCRETE |
| REM | = | REMOVE |
| EXIST | = | EXISTING |
| RT | = | RIGHT |
| LT | = | LEFT |
| TYP | = | TYPICAL |
| RET. | = | RETURN |
| STA. | = | STATION |
| DRWY | = | DRIVEWAY |
| TEMP | = | TEMPORARY |
| COMM | = | COMMERCIAL |
| SHT | = | SHEET |
| PVMT | = | PAVEMENT |
| ASPH | = | ASPHALT |
| ESMT | = | EASEMENT |
| UNK | = | UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## AVENIDA DEL SUR
## ROADWAY PLAN & PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 72 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 11:03 AM

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-PP.dwg

LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

nm811 Know what's below. Call before you dig.

EX. 6" WATER FROM SANTA FE WATER COMPANY MAPS

AVENIDA DEL SUR

34+00 35+00 36+00

EX. 16" DI WATER

EX. FIRE HYDRANT

MATCH EXISTING GRADE

CLL DE LOS CERROS

EXISTING BUILDING

N

0 10' 20'

SCALE IN FEET

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# INTERSECTION OF AVENIDA DEL SUR AT CLL DE LOS CERROS

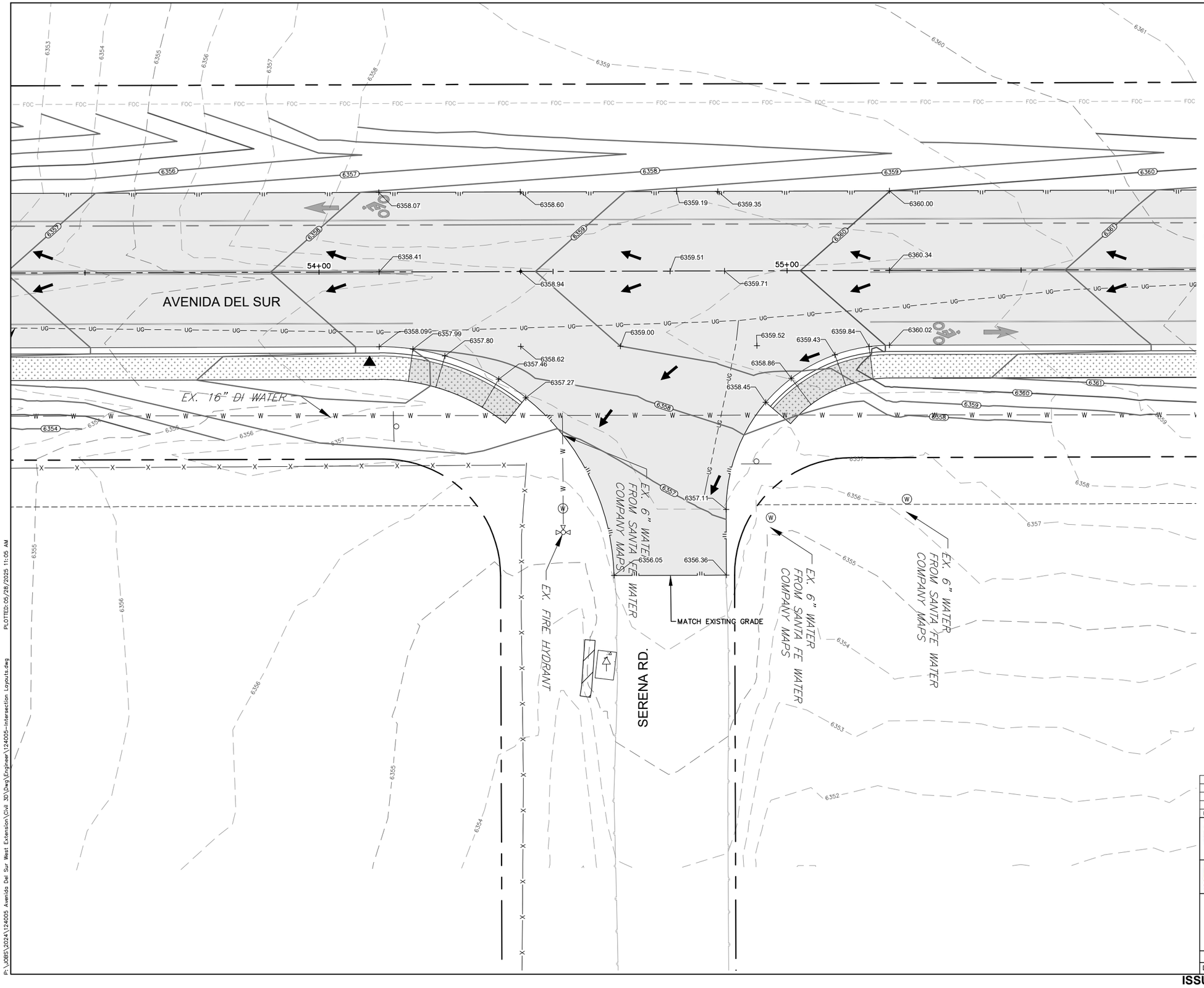
| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 73 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005--Intersection Layouts.dwg PLOTTED: 05/28/2025 11:05 AM

LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

nm811 Know what's below. Call before you dig.




N

0 10' 20'

SCALE IN FEET

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# INTERSECTION OF AVENIDA DEL SUR AT SERENA RD

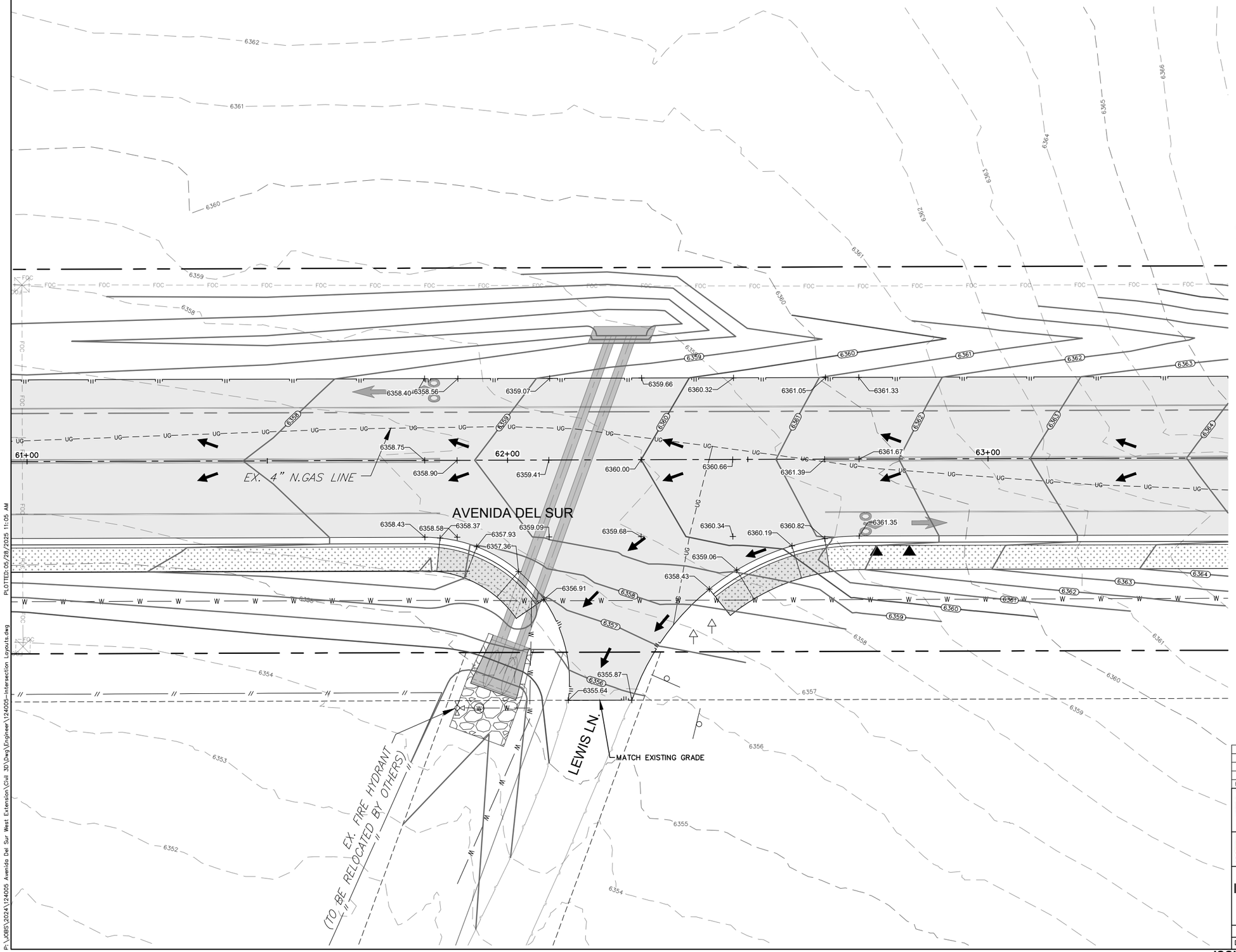
| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 74 |

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LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

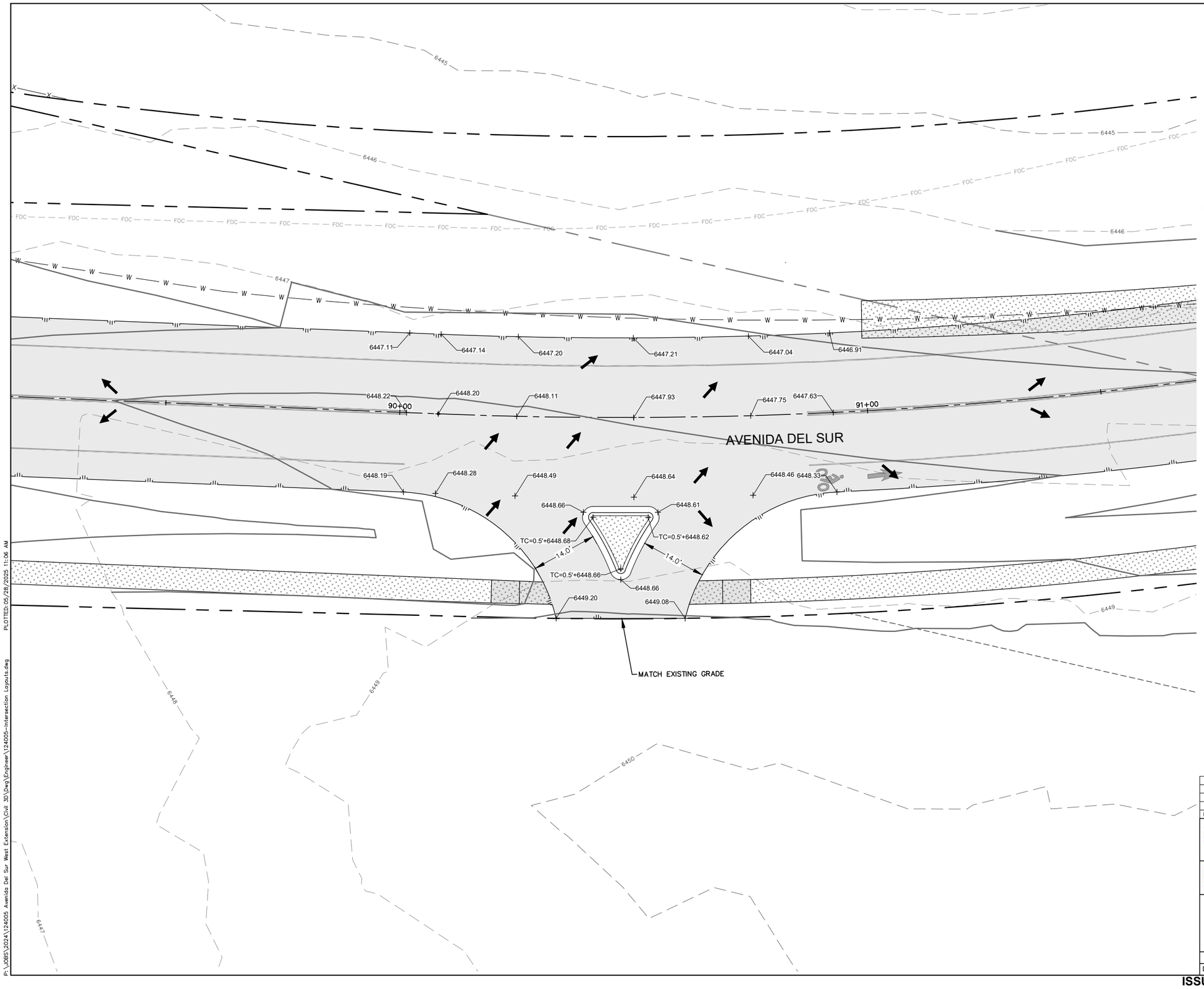
## INTERSECTION OF AVENIDA DEL SUR AT LEWIS LN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 75 |

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5/28/25

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(210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# INTERSECTION OF AVENIDA DEL SUR

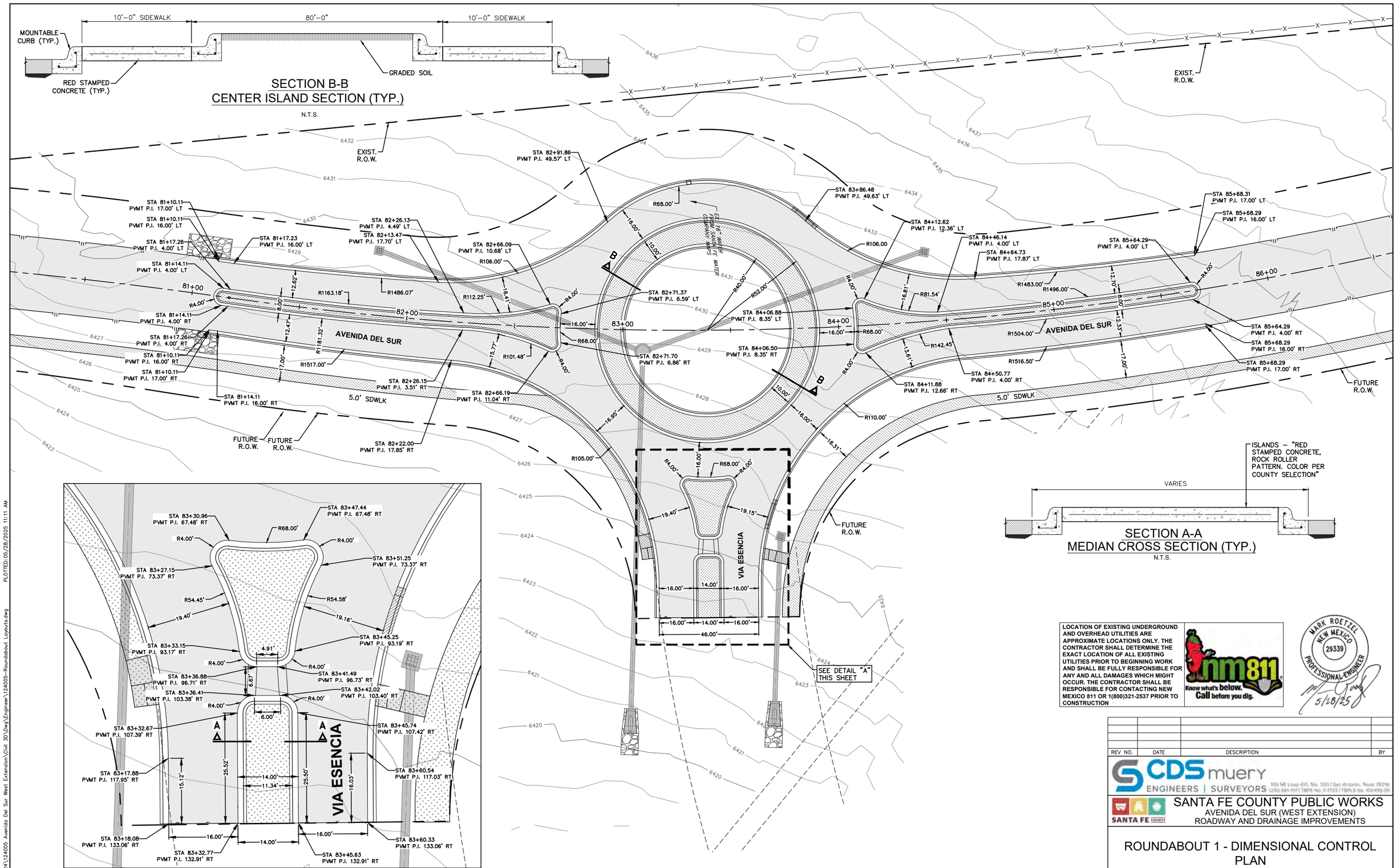
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 76 |

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## SECTION B-B
## CENTER ISLAND SECTION (TYP.)

N.T.S.







## DETAIL "A"

SCALE:1"=10'




## SECTION A-A
## MEDIAN CROSS SECTION (TYP.)

N.T.S.

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

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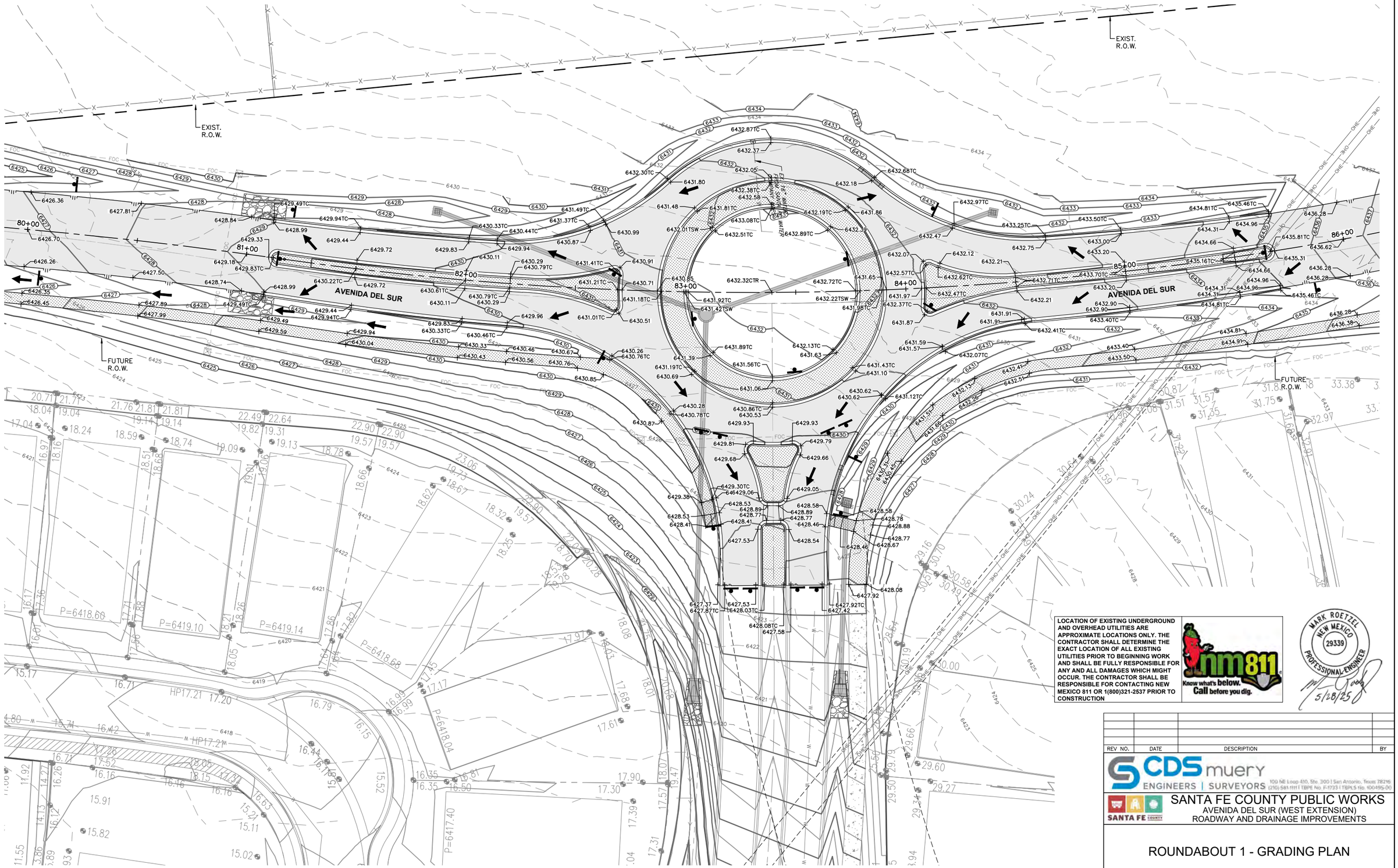
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## ROUNDABOUT 1 - DIMENSIONAL CONTROL PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 77 |

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SANTA FE COUNTY

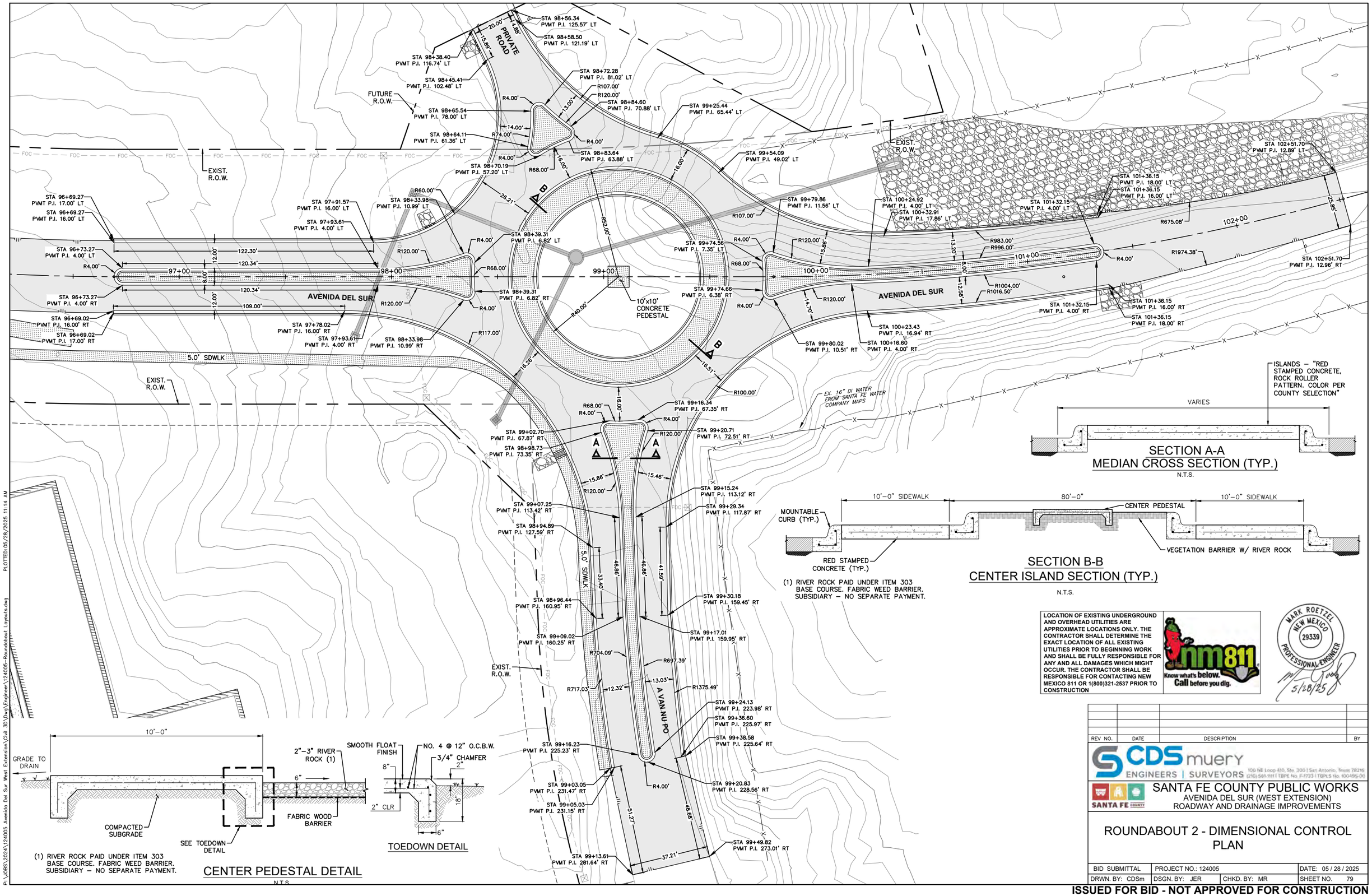
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## ROUNDABOUT 1 - GRADING PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 78 |

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## SECTION A-A
## MEDIAN CROSS SECTION (TYP.)

N.T.S.




## SECTION B-B
## CENTER ISLAND SECTION (TYP.)

N.T.S.

(1) RIVER ROCK PAID UNDER ITEM 303 BASE COURSE. FABRIC WEED BARRIER. SUBSIDIARY – NO SEPARATE PAYMENT.




(1) RIVER ROCK PAID UNDER ITEM 303 BASE COURSE. FABRIC WEED BARRIER. SUBSIDIARY – NO SEPARATE PAYMENT.

## CENTER PEDESTAL DETAIL

N.T.S.




## TOEDOWN DETAIL

LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

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SANTA FE COUNTY

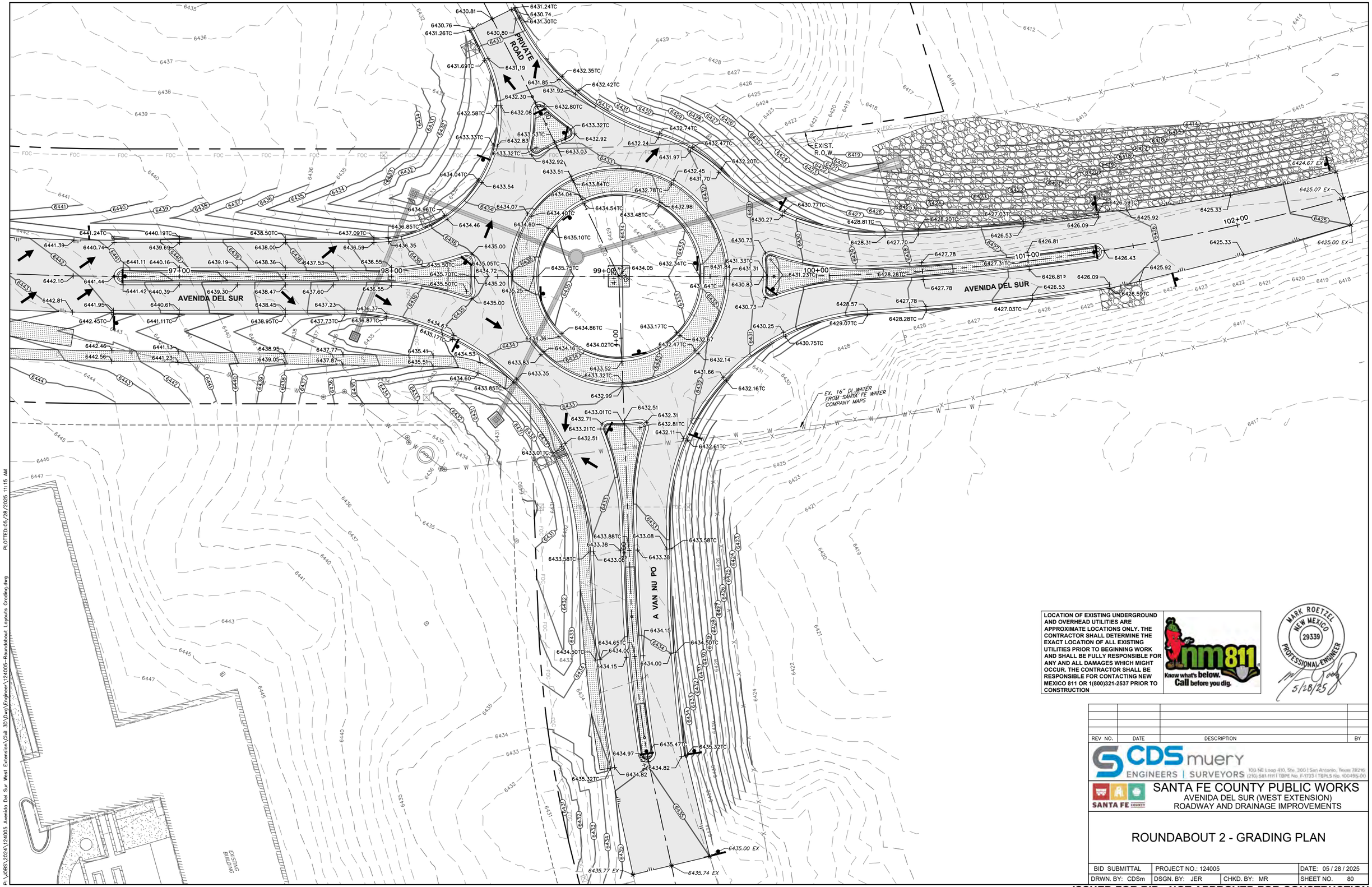
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## ROUNDABOUT 2 - DIMENSIONAL CONTROL PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 79 |

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| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

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109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

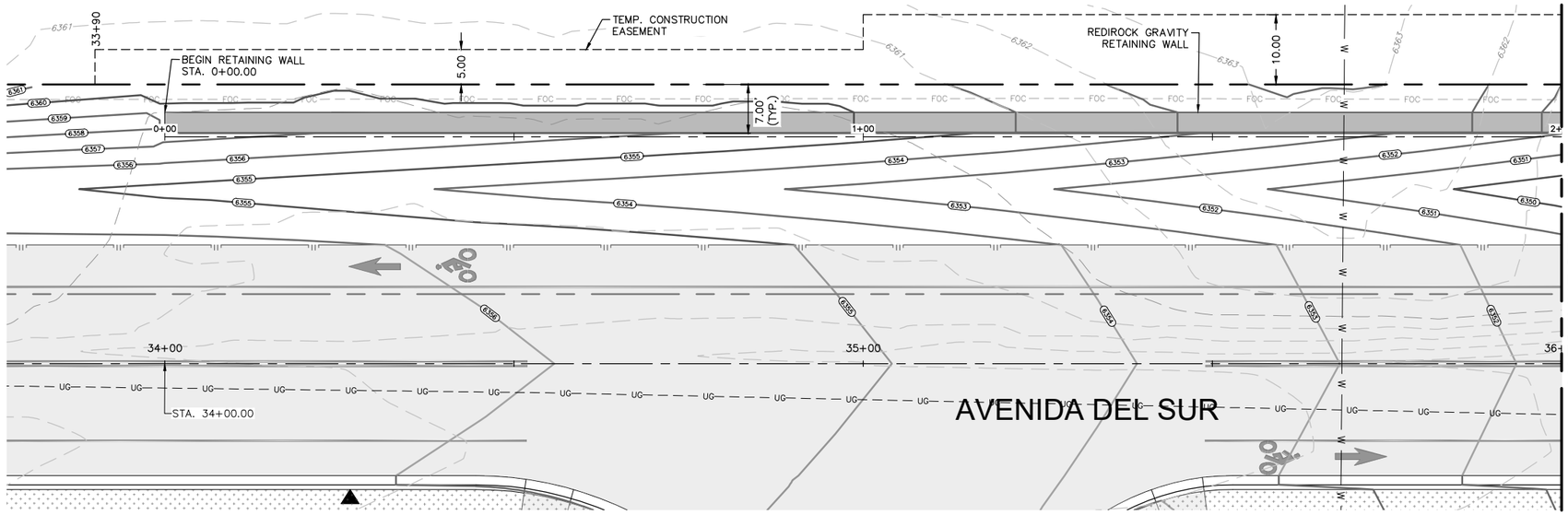
# SANTA FE COUNTY PUBLIC WORKS

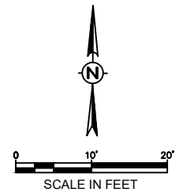
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## ROUNDABOUT 2 - GRADING PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 80 |

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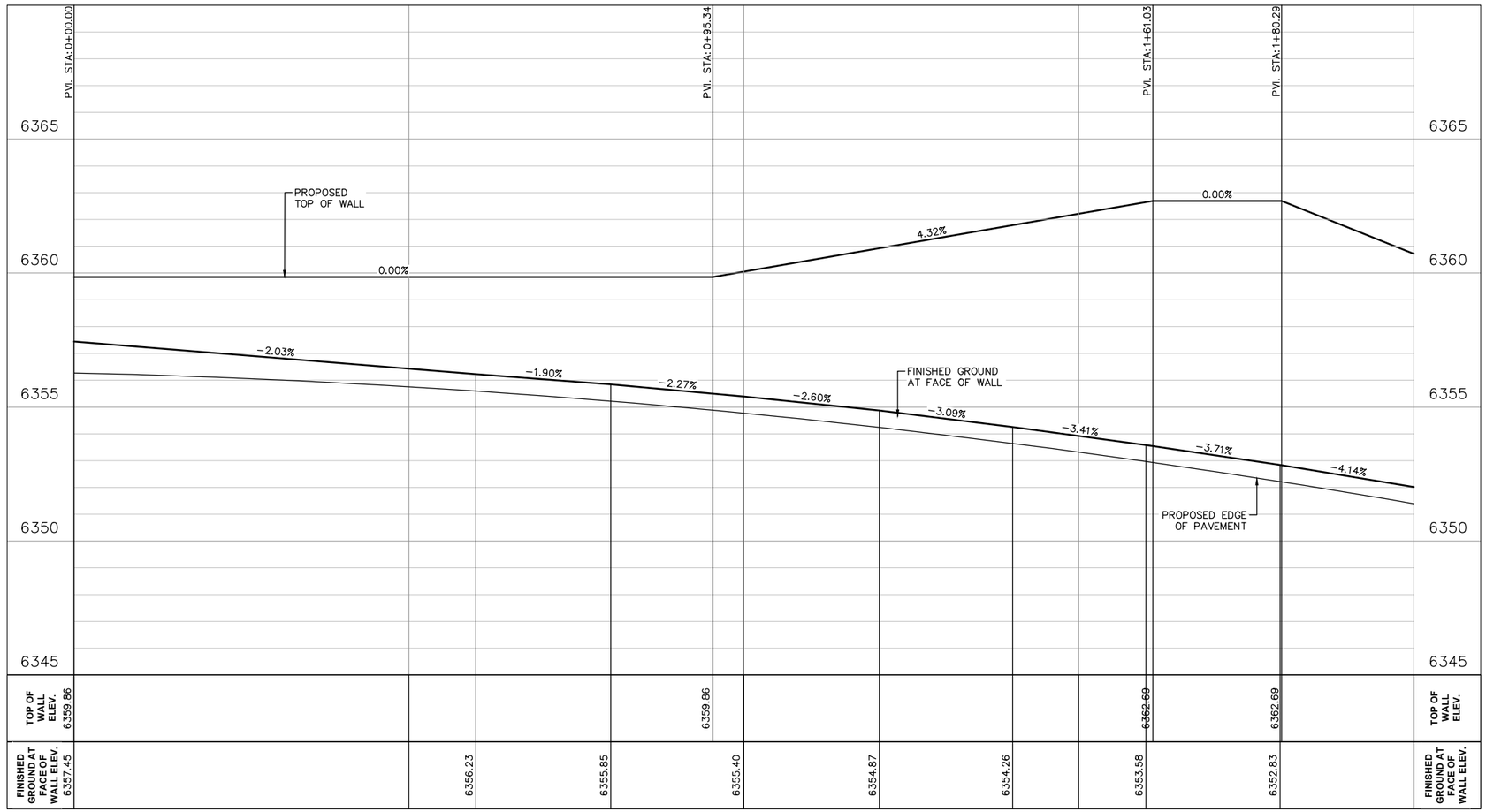
**WALL NO.1 BACKFILL (1)**

- **STRUCTURAL EXCAVATION 1120 CY**
- **SELECT FILL 1120 CY**

**(1) SOIL REPLACEMENT ZONE BEHIND WALL NOT INCLUDING WALL FOOTER EXCAVATION AND BACKFILL WHICH IS SUBSIDIARY TO WALL (NSPI). SELECT FILL SHALL HAVE A MINIMUM DIRECT SHEAR ANGLE OF 34 DEGREE, AND BE APPROVED FOR BACKFILL BEHIND STACKED BLOCK RETAINING WALLS.**

# REDIROCK RETAINING WALL #1

**SCALE:**
1"=20' HORIZONTAL
1"=5' VERTICAL




MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
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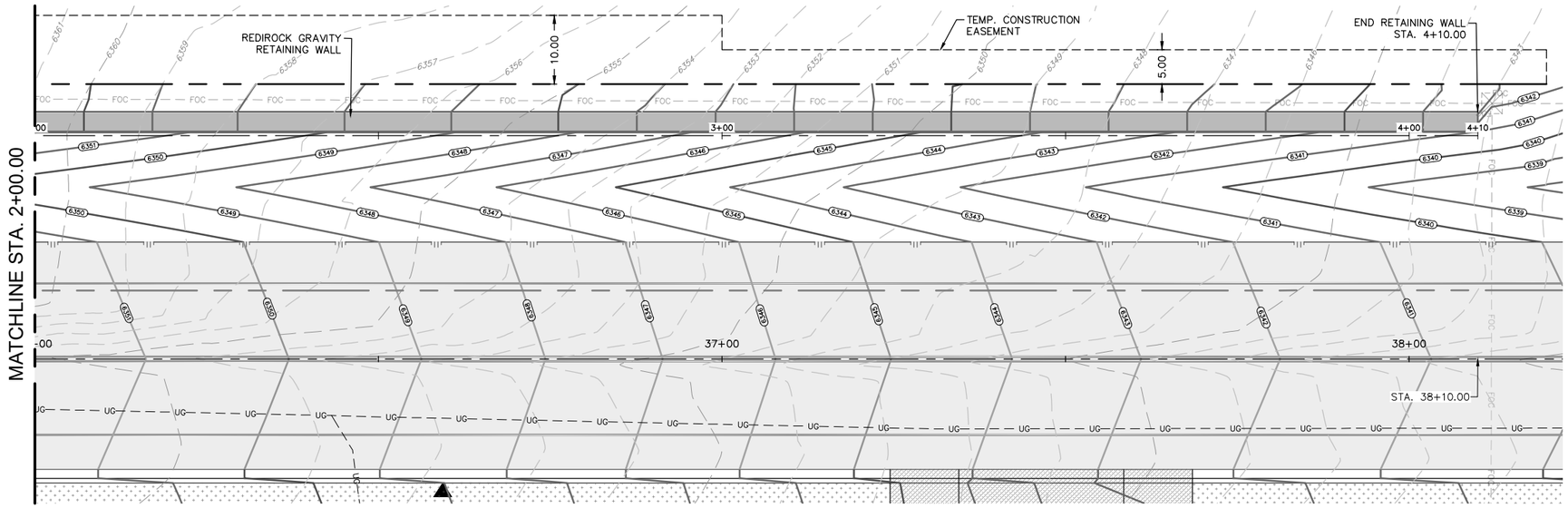
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

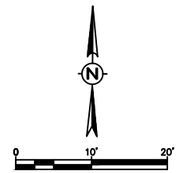
RETAINING WALL #1
PLAN AND PROFILE -
SHT 1

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 81 |

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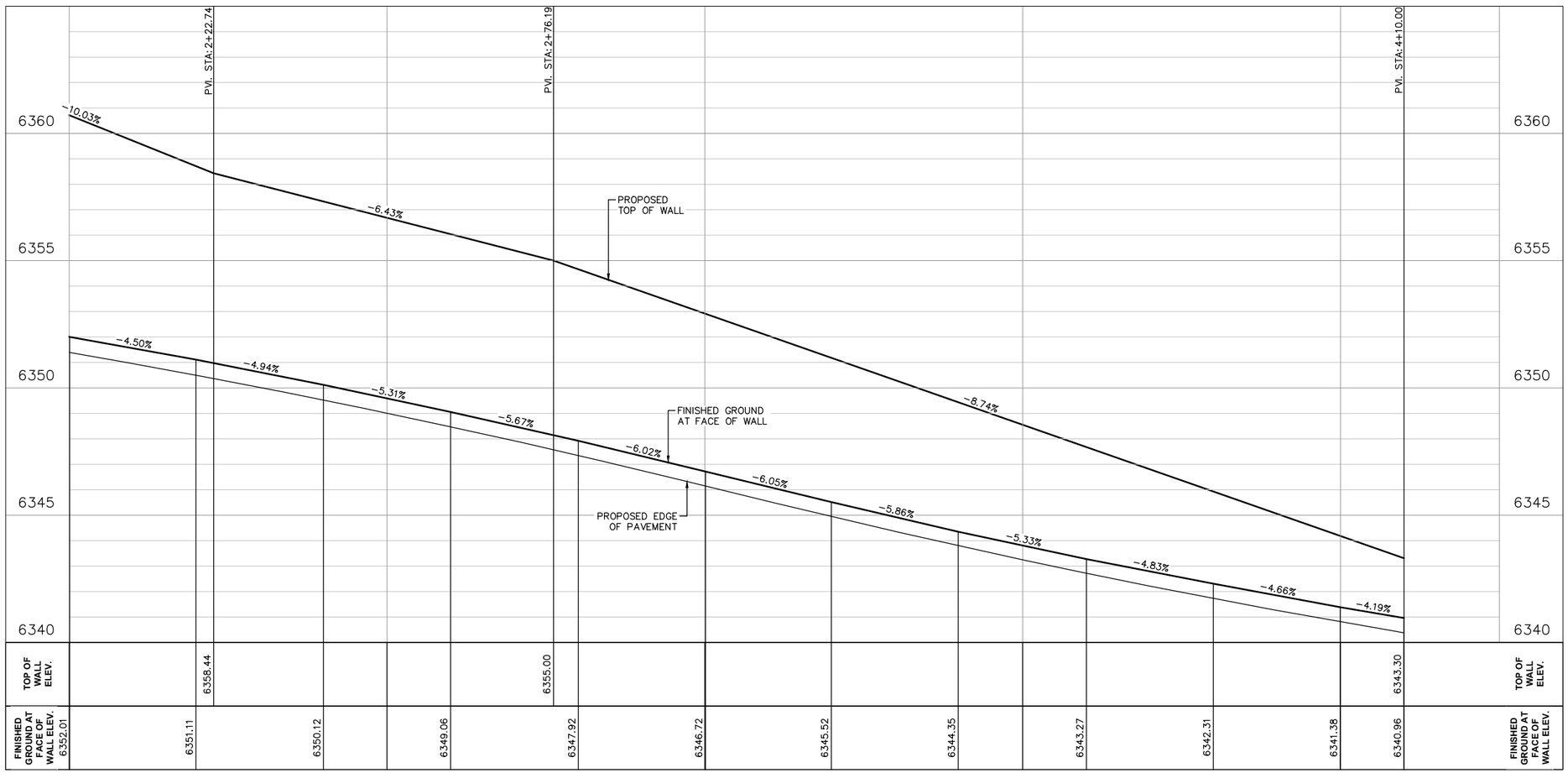




LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

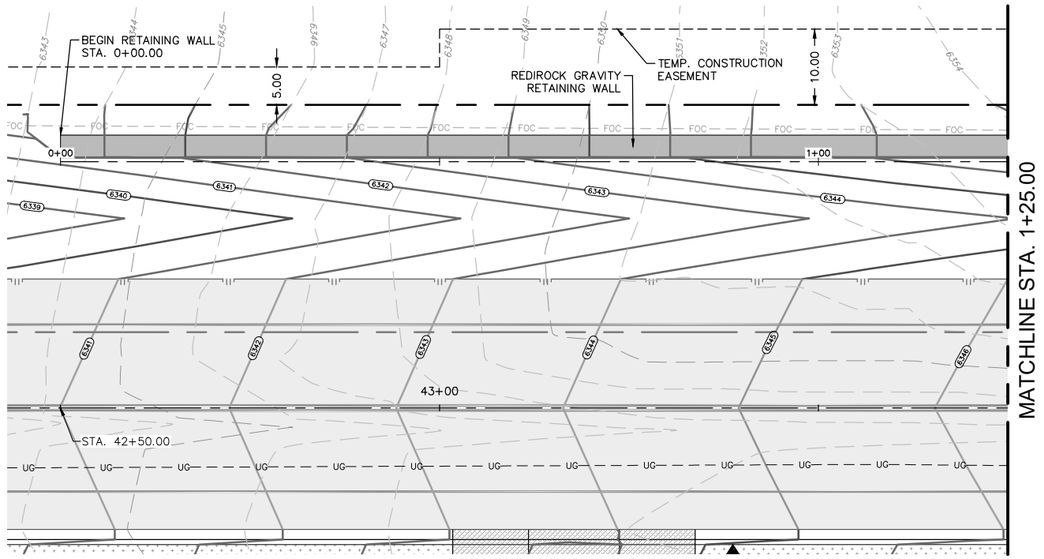
nm811 Know what's below. Call before you dig.

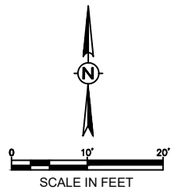
# REDIROCK RETAINING WALL #1

**SCALE:**
1"=20' HORIZONTAL
1"=5' VERTICAL




| | | |



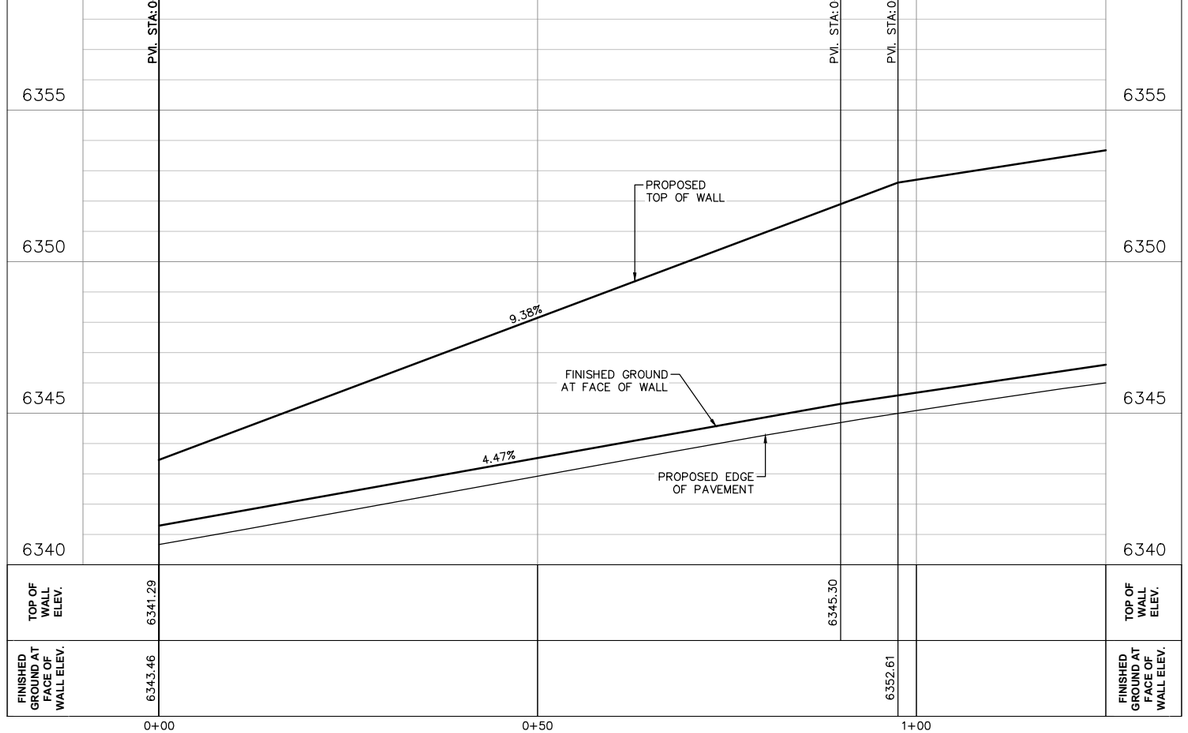




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# REDIROCK RETAINING WALL #2

**SCALE:**
1"=20' HORIZONTAL
1"=5' VERTICAL




**WALL NO.2 BACKFILL (1)**
- **STRUCTURAL EXCAVATION 650 CY**
- **SELECT FILL 650 CY**

**(1) SOIL REPLACEMENT ZONE BEHIND WALL. NOT INCLUDING WALL FOOTER EXCAVATION AND BACKFILL WHICH IS SUBSIDIARY TO WALL (NSPI). SELECT FILL SHALL HAVE A MINIMUM DIRECT SHEAR ANGLE OF 34 DEGREE, AND BE APPROVED FOR BACKFILL BEHIND STACKED BLOCK RETAINING WALLS.**

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10049500

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

RETAINING WALL #2
PLAN AND PROFILE -
SHT 1

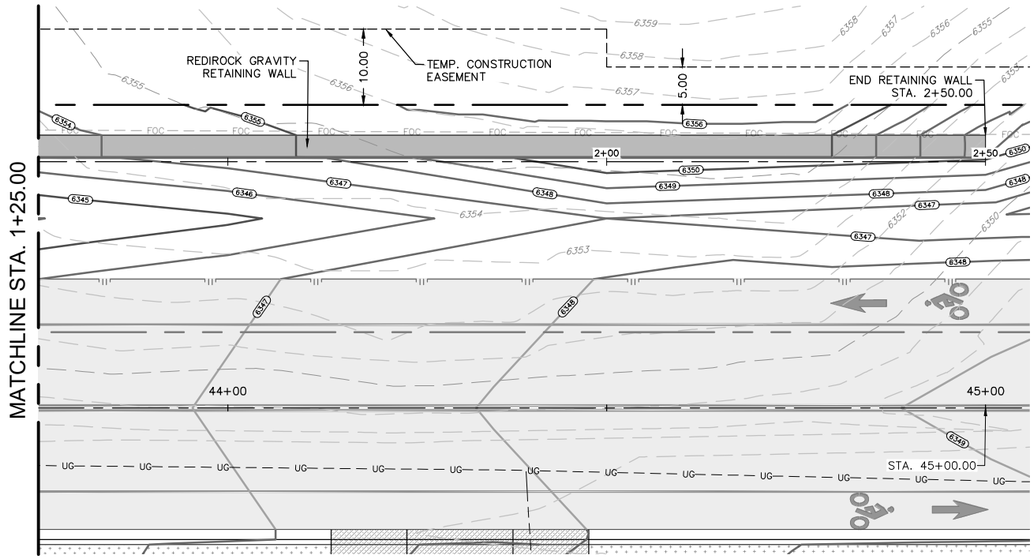
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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 83 |

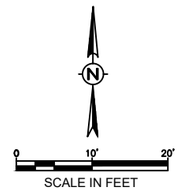
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

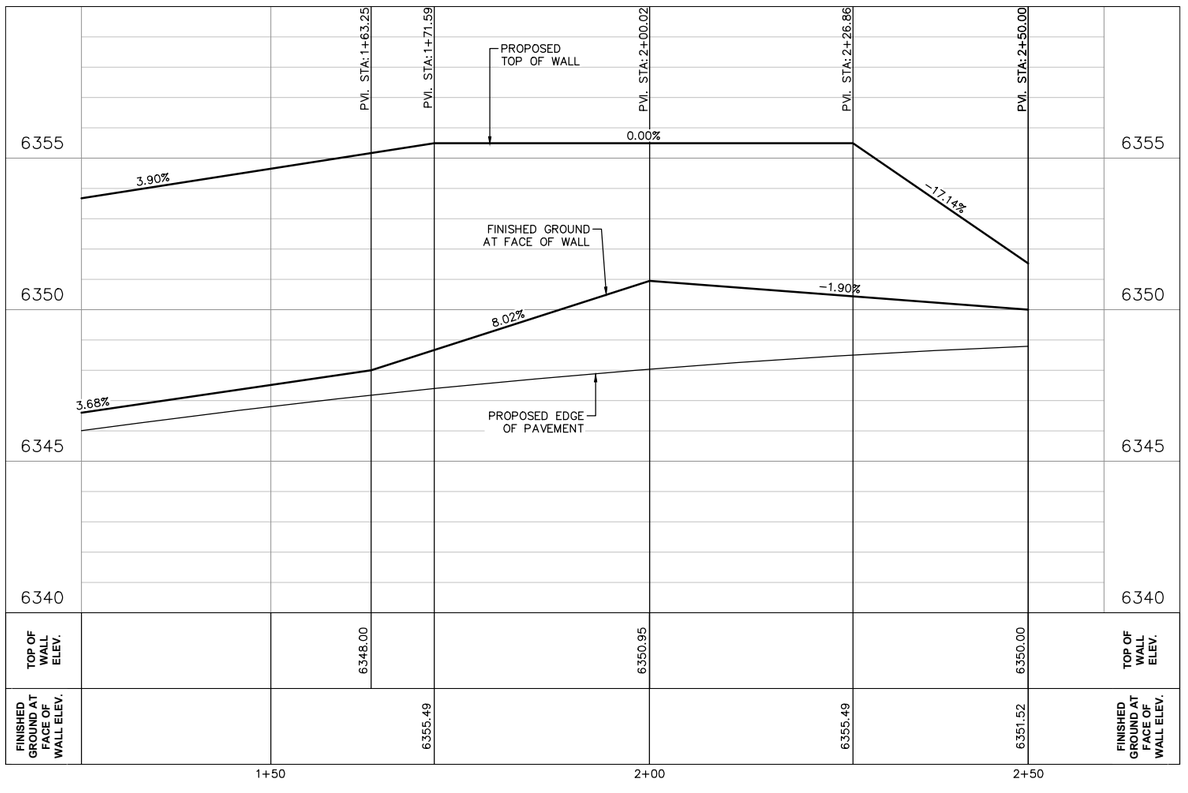
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# REDIROCK RETAINING WALL #2

**SCALE:**
1"=20' HORIZONTAL
1"=5' VERTICAL




MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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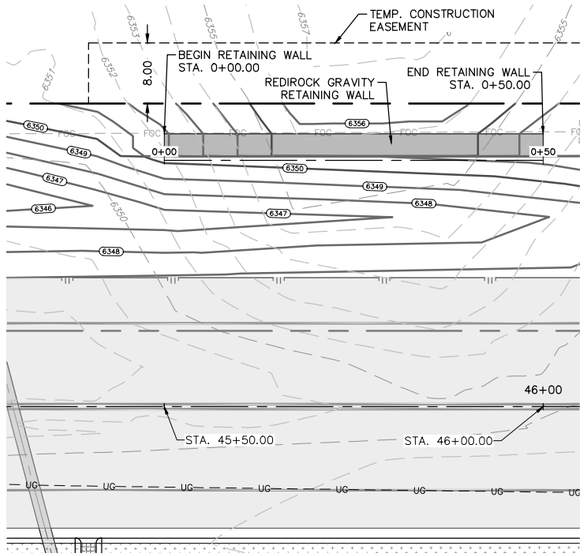
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

RETAINING WALL #2
PLAN AND PROFILE -
SHT 2

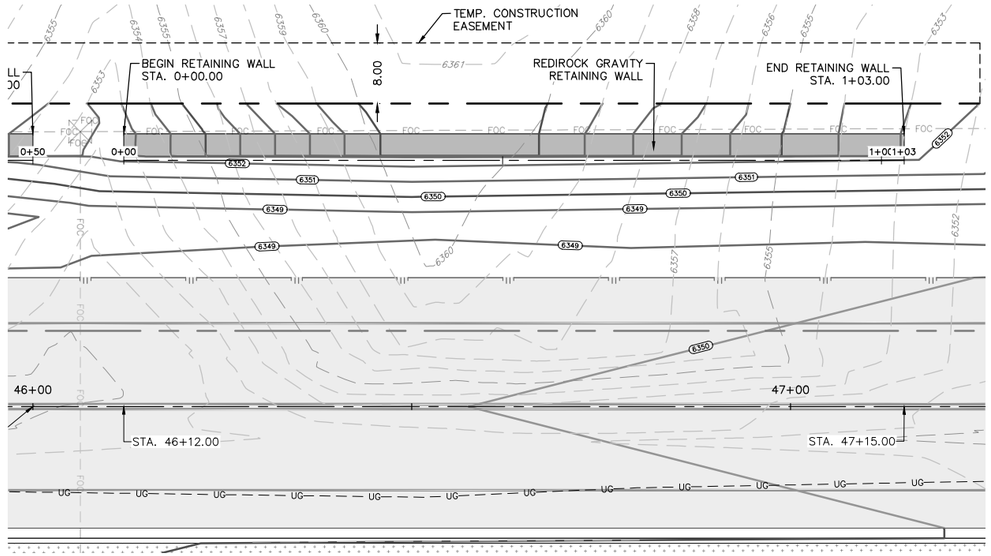
| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 84 |

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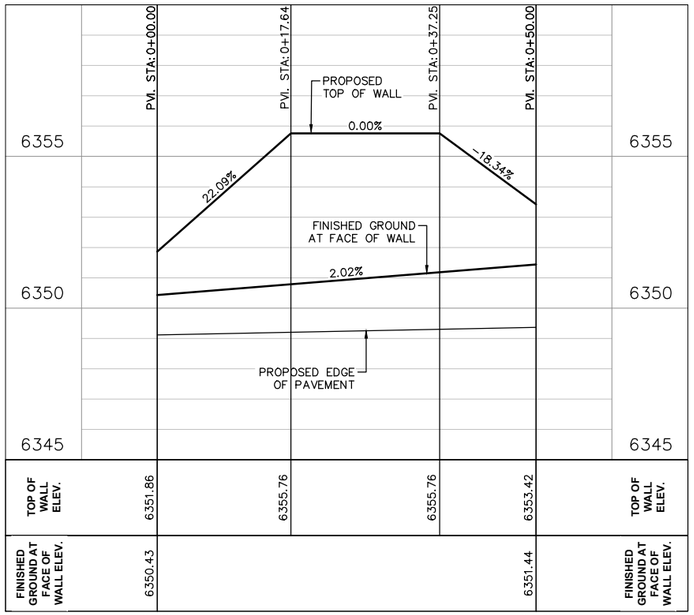



## REDIROCK RETAINING WALL #3

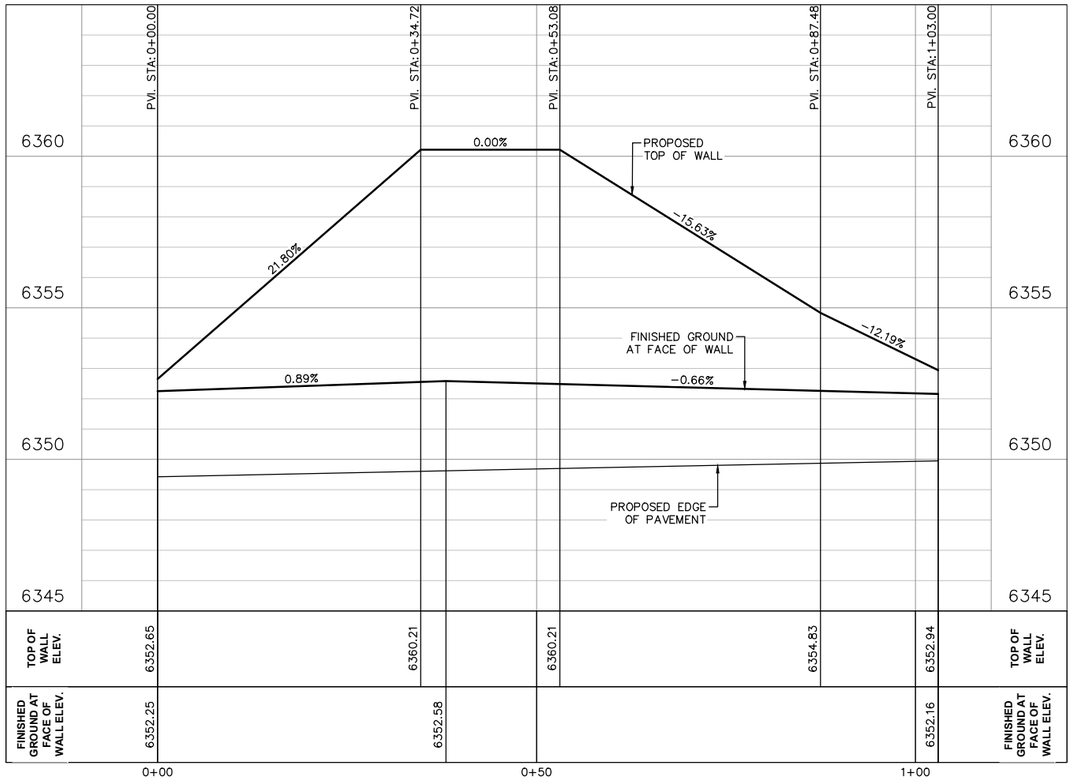



## REDIROCK RETAINING WALL #4

**SCALE:**
1"=20' HORIZONTAL
1"=5' VERTICAL

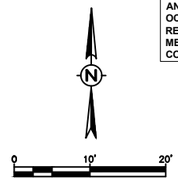



**SCALE:**
1"=20' HORIZONTAL
1"=5' VERTICAL




LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

nm811 Know what's below. Call before you dig.




**RETAINING WALLS 3 AND 4 BACKFILL (1)**

| | | |
|---|---|---|
| - | NO 3 STRUCTURE EXCAVATION | 100CY |
| - | NO 3 SELECT FILL | 100 CY |
| - | NO 4 STRUCTURAL EXCAVATION | 245 CY |
| - | NO 4 SELECT FILL | 245 CY |

(1) SOIL REPLACEMENT ZONE BEHIND WALL. NOT INCLUDING WALL FOOTER EXCAVATION AND BACKFILL WHICH IS SUBSIDIARY TO WALL (NSPI). SELECT FILL SHALL HAVE A MINIMUM DIRECT SHEAR ANGLE OF 34 DEGREE, AND BE APPROVED FOR BACKFILL BEHIND STACKED BLOCK RETAINING WALLS.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10019500

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# RETAINING WALL #3 AND #4 PLAN AND PROFILE

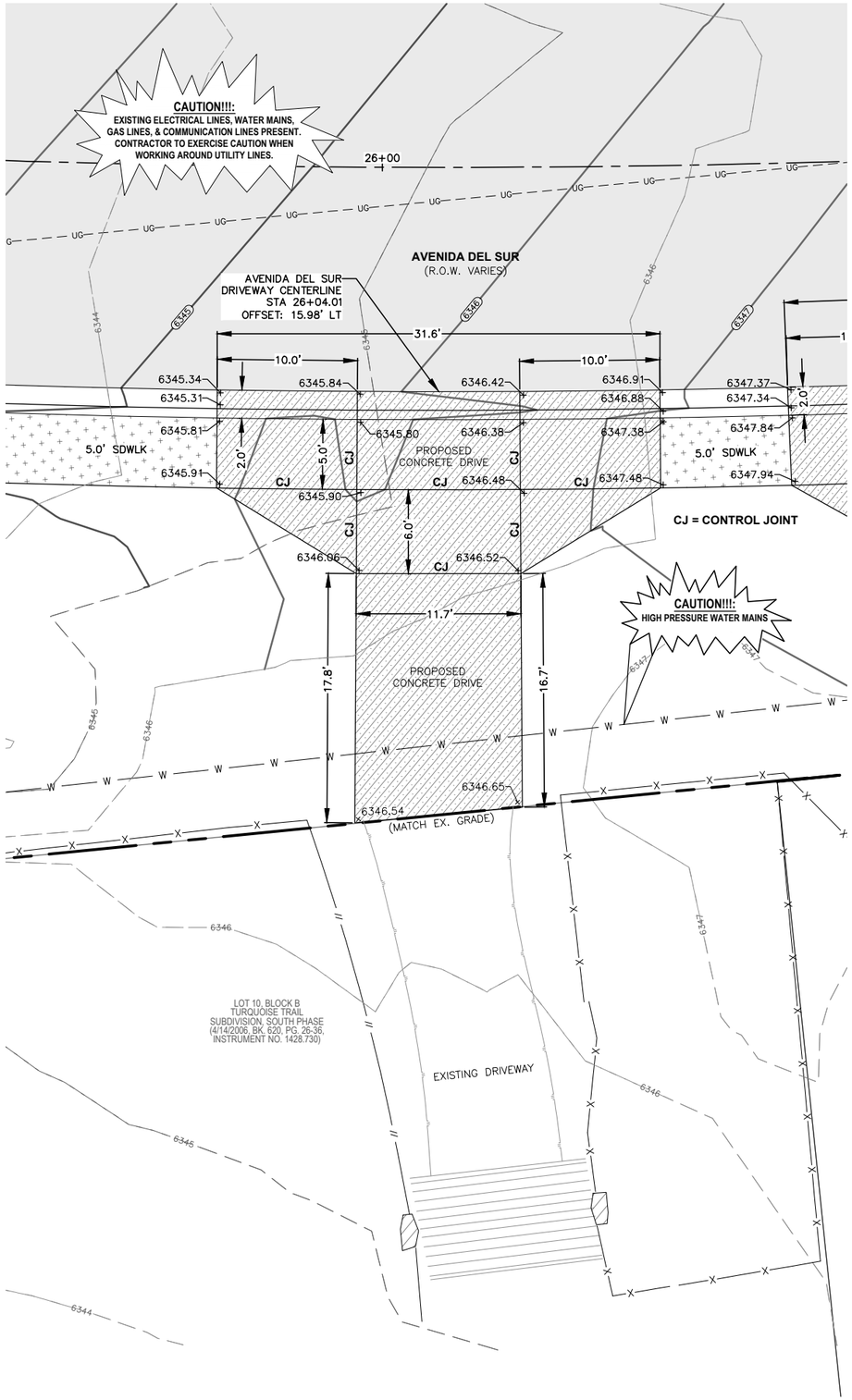
| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 85 |

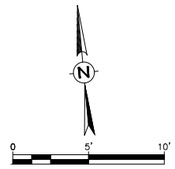
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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nm811 Know what's below. Call before you dig.



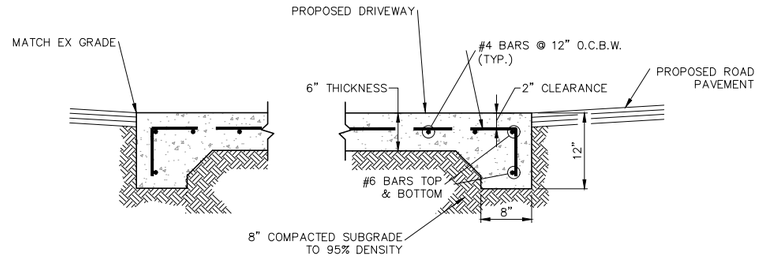




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CONCRETE DRIVEWAY SECTION (TYP)
N.T.S.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

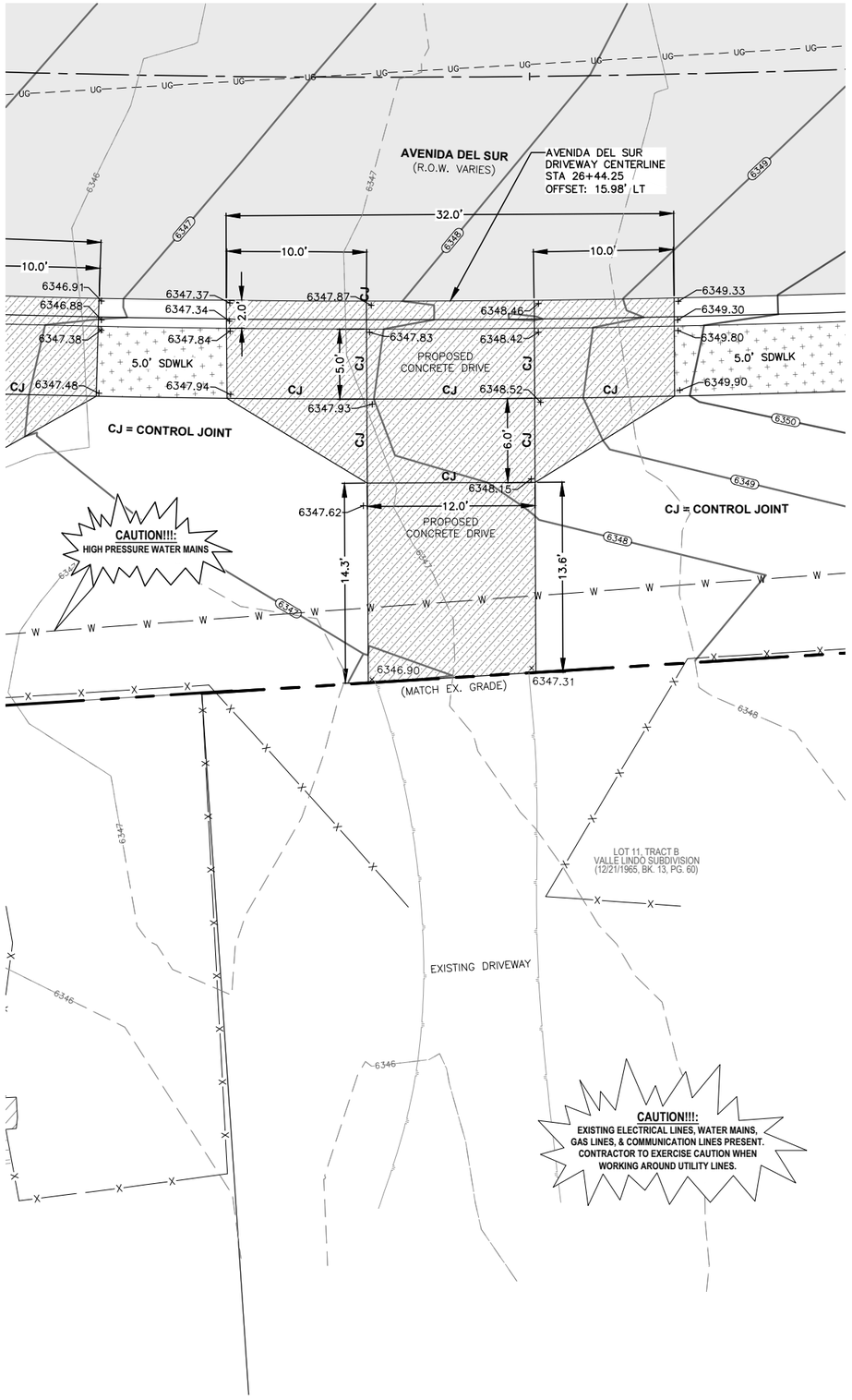
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

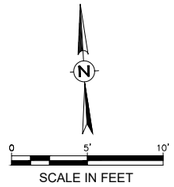
## DRIVEWAY LAYOUT 1

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 86 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## DRIVEWAY LAYOUT 2

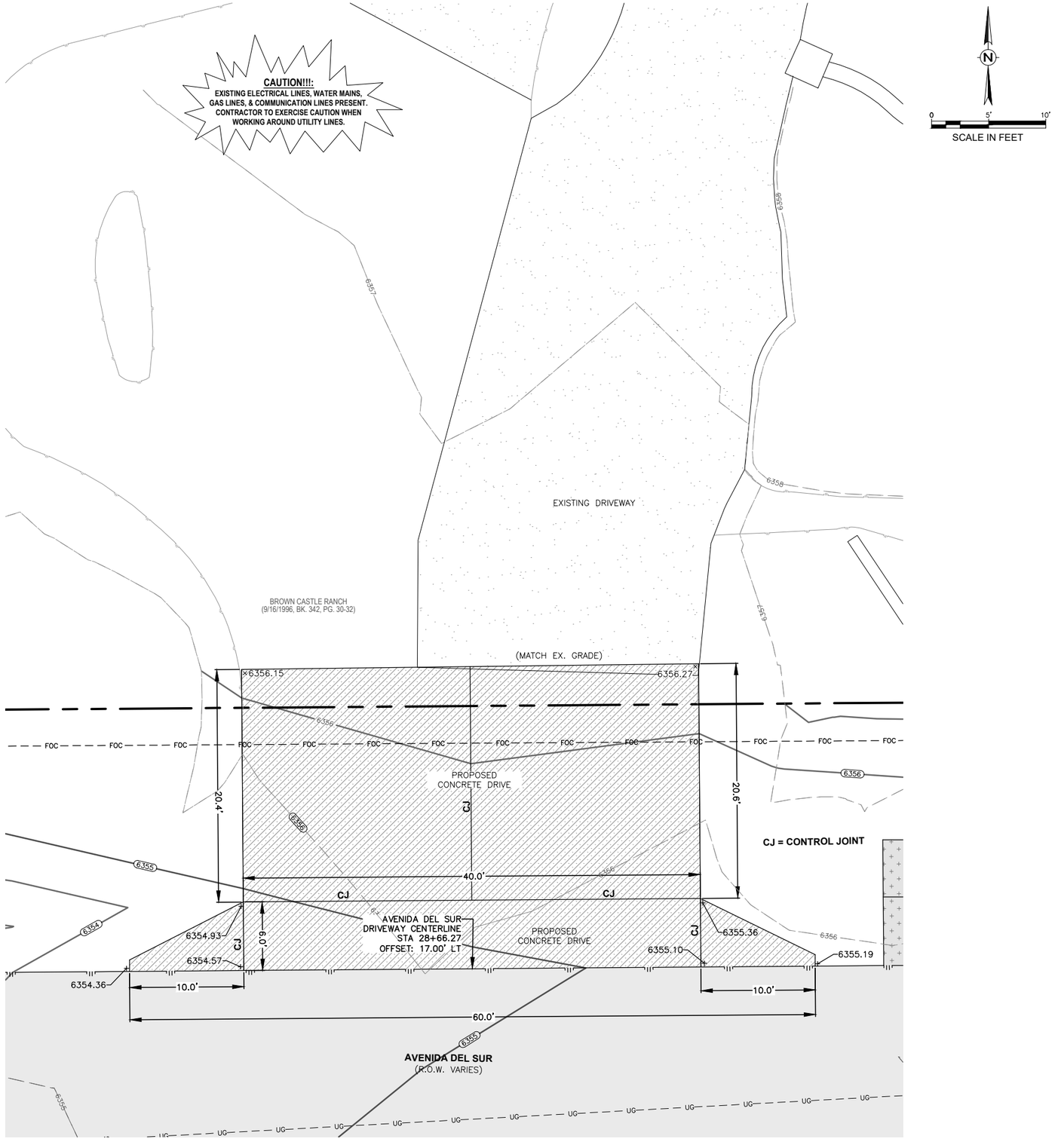
| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 87 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

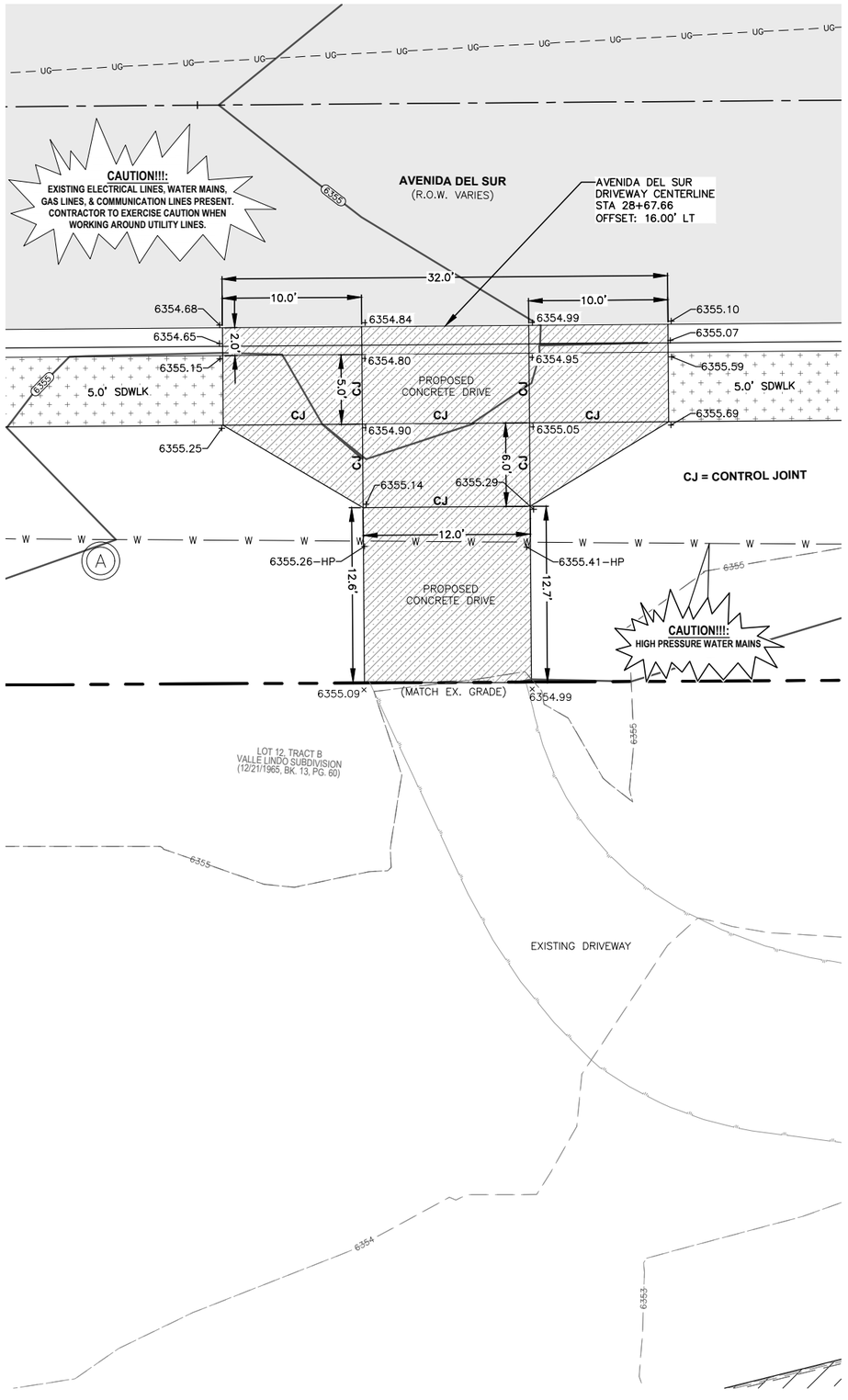
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

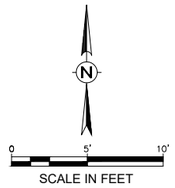
## DRIVEWAY LAYOUT 3

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 88 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

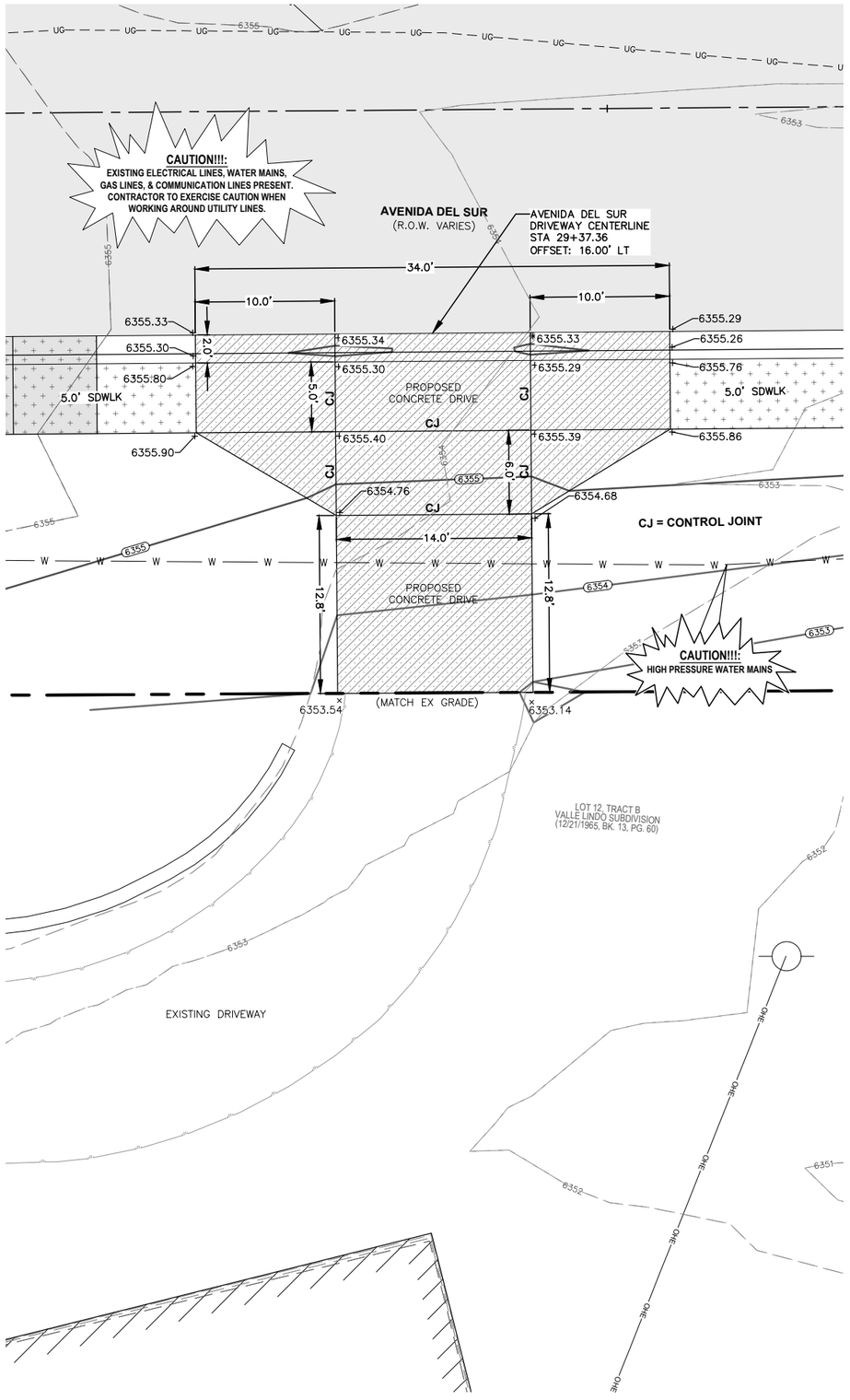
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

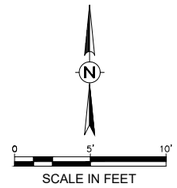
## DRIVEWAY LAYOUT 4

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 89 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-17313 | TBPLS No. 10041905-00

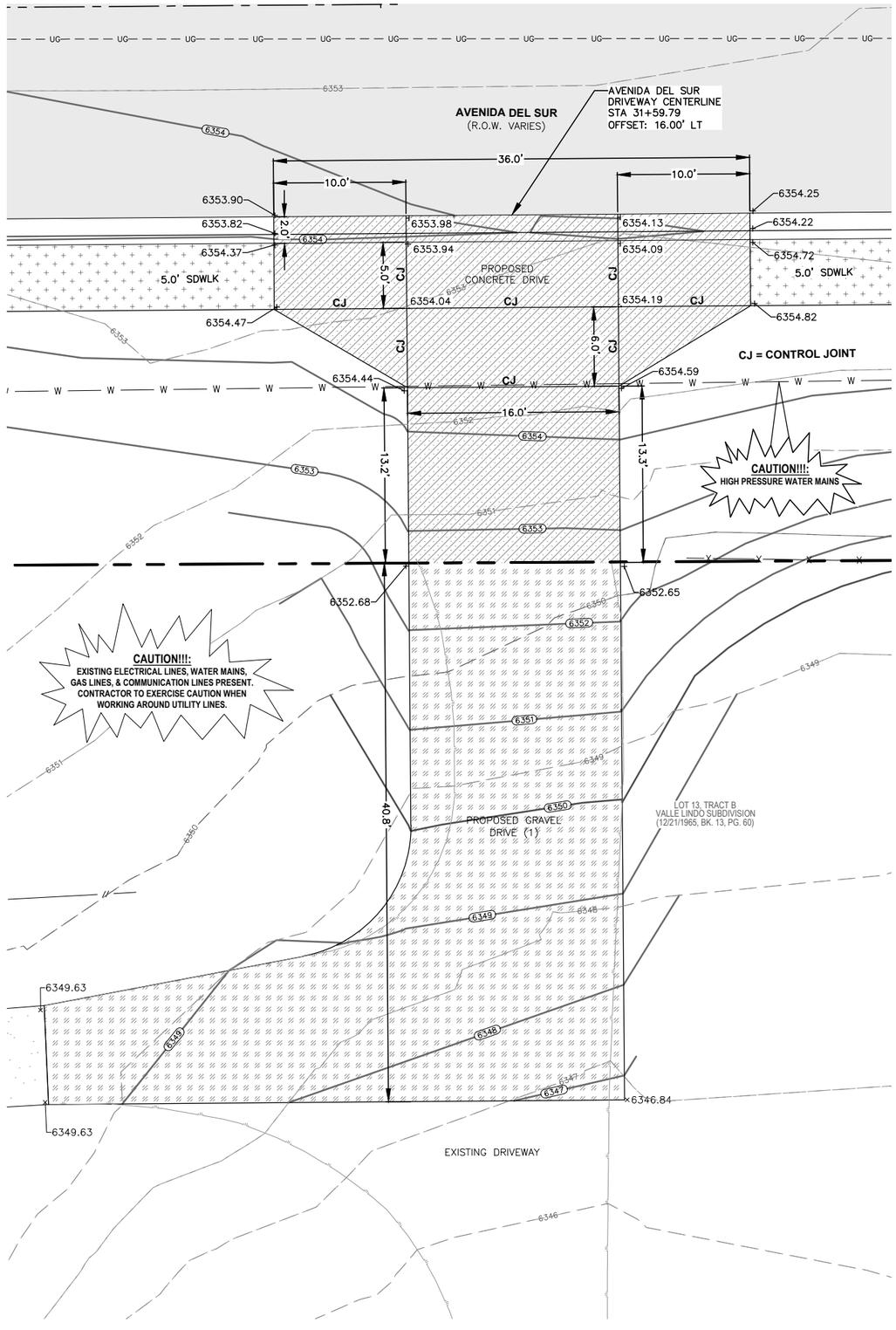
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# DRIVEWAY LAYOUT 5

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 90 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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N

0 5' 10'

SCALE IN FEET

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

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**(1) 6" GRAVEL ROAD SHALL BE PAID UNDER ITEM 303 - BASE COURSE**

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

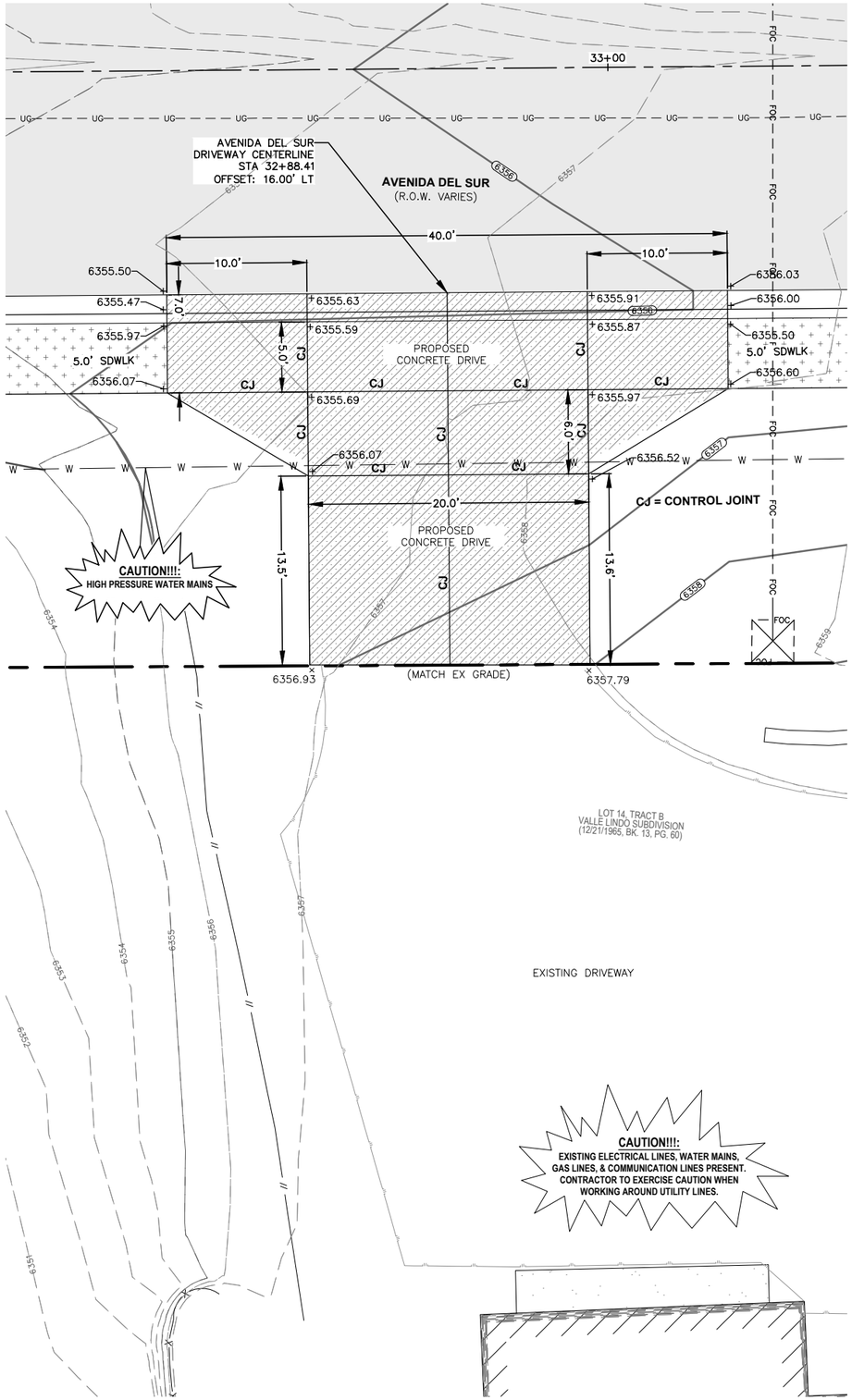
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

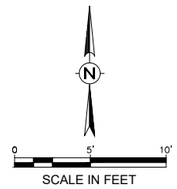
# DRIVEWAY LAYOUT 6

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 91 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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| | | | |

CDS muery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10019500

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

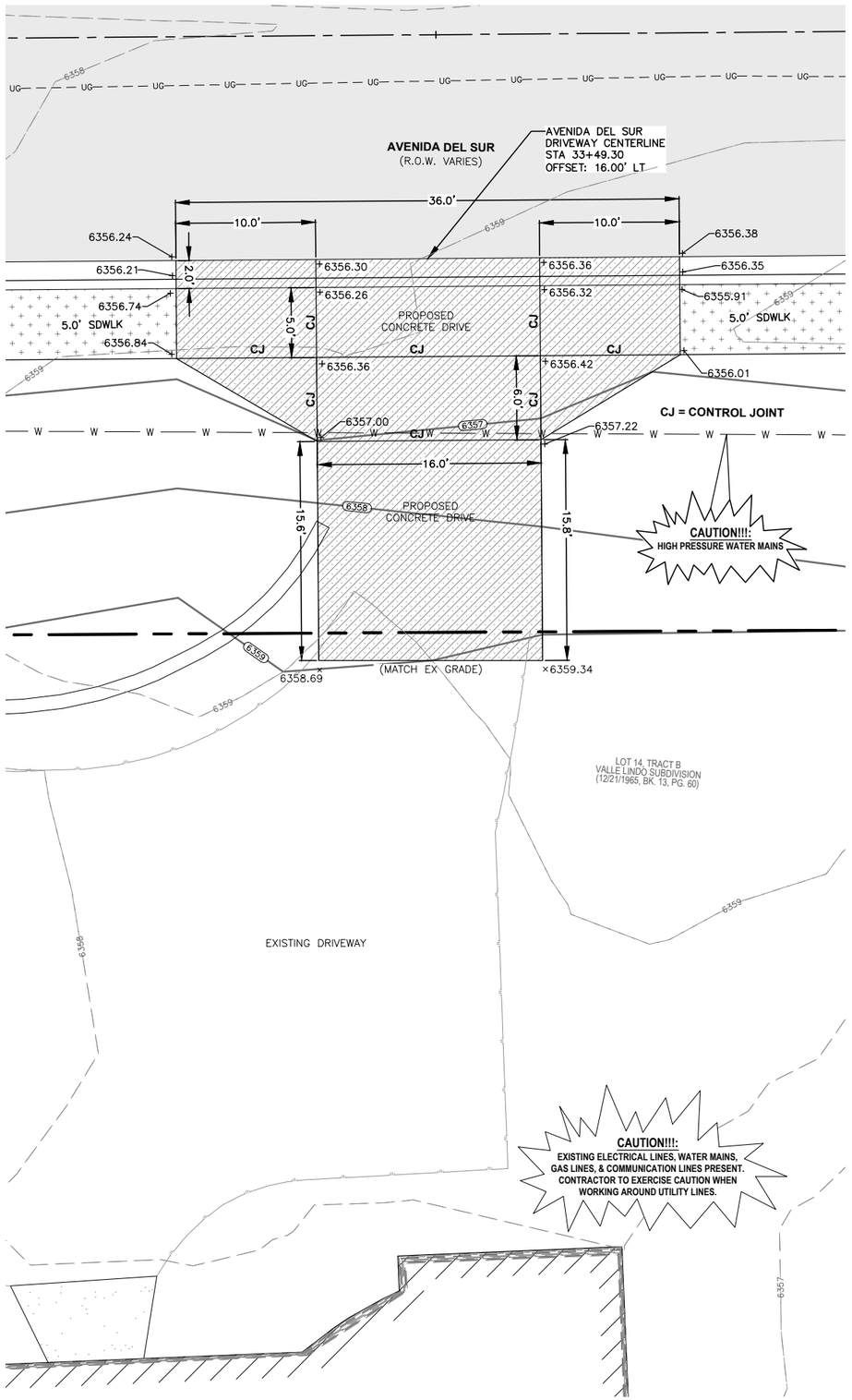
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

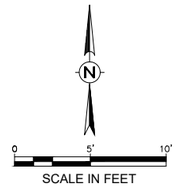
## DRIVEWAY LAYOUT 7

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 92 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10049500

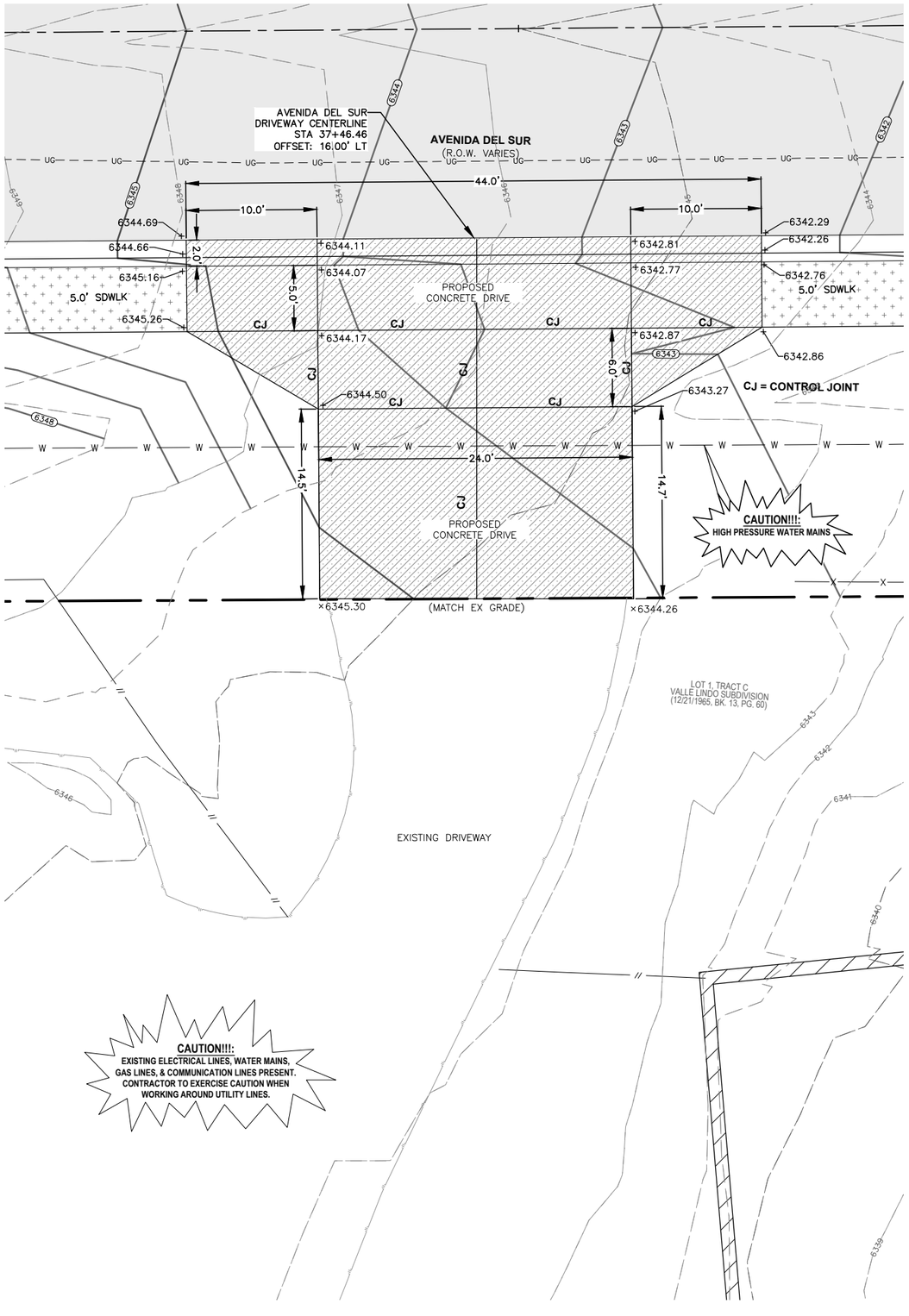
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

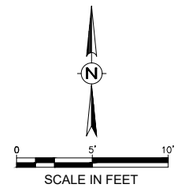
# DRIVEWAY LAYOUT 8

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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 93 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

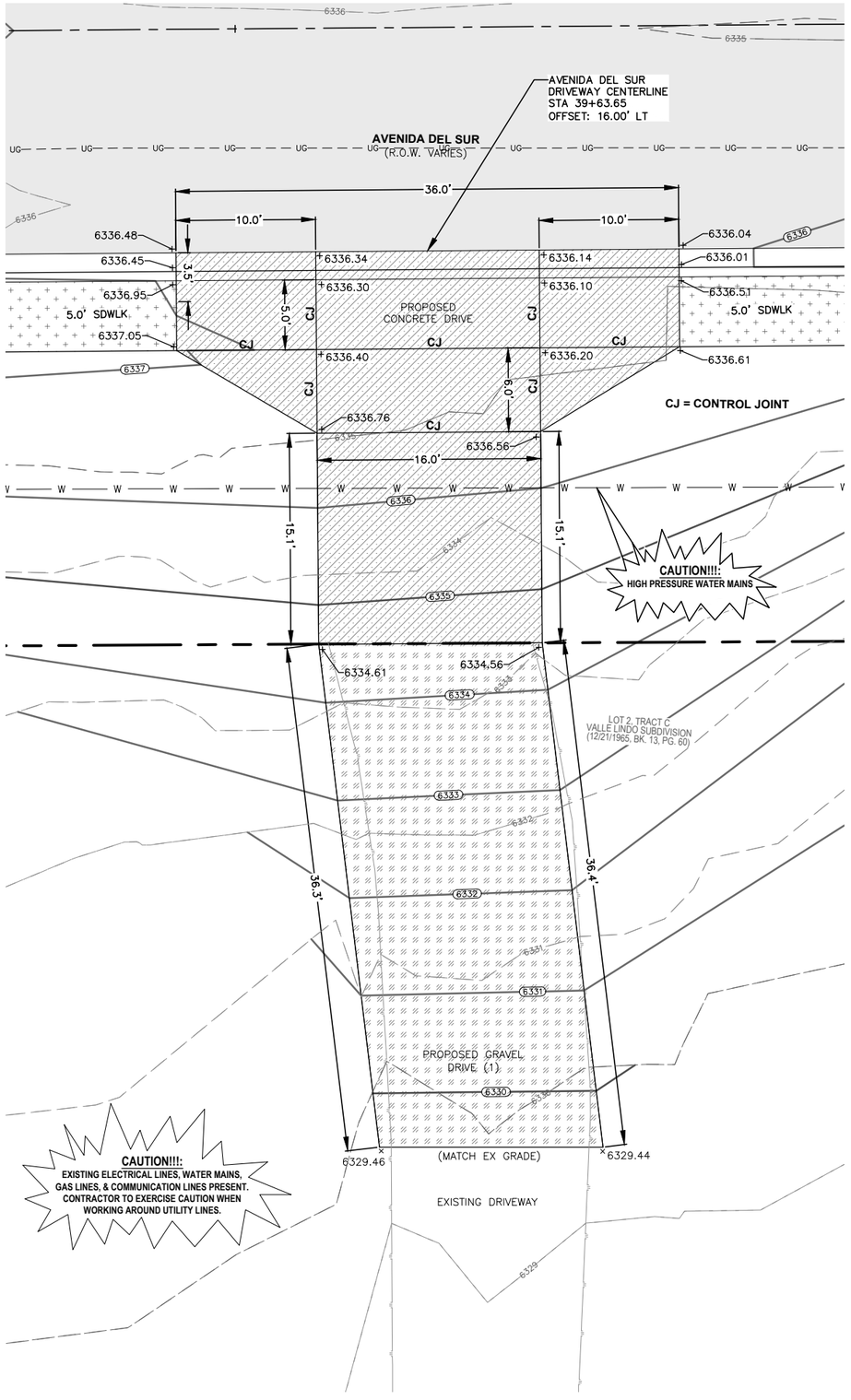
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

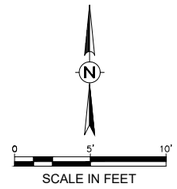
## DRIVEWAY LAYOUT 9

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 94 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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**(1) 6" GRAVEL ROAD SHALL BE PAID UNDER ITEM 303 - BASE COURSE**

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

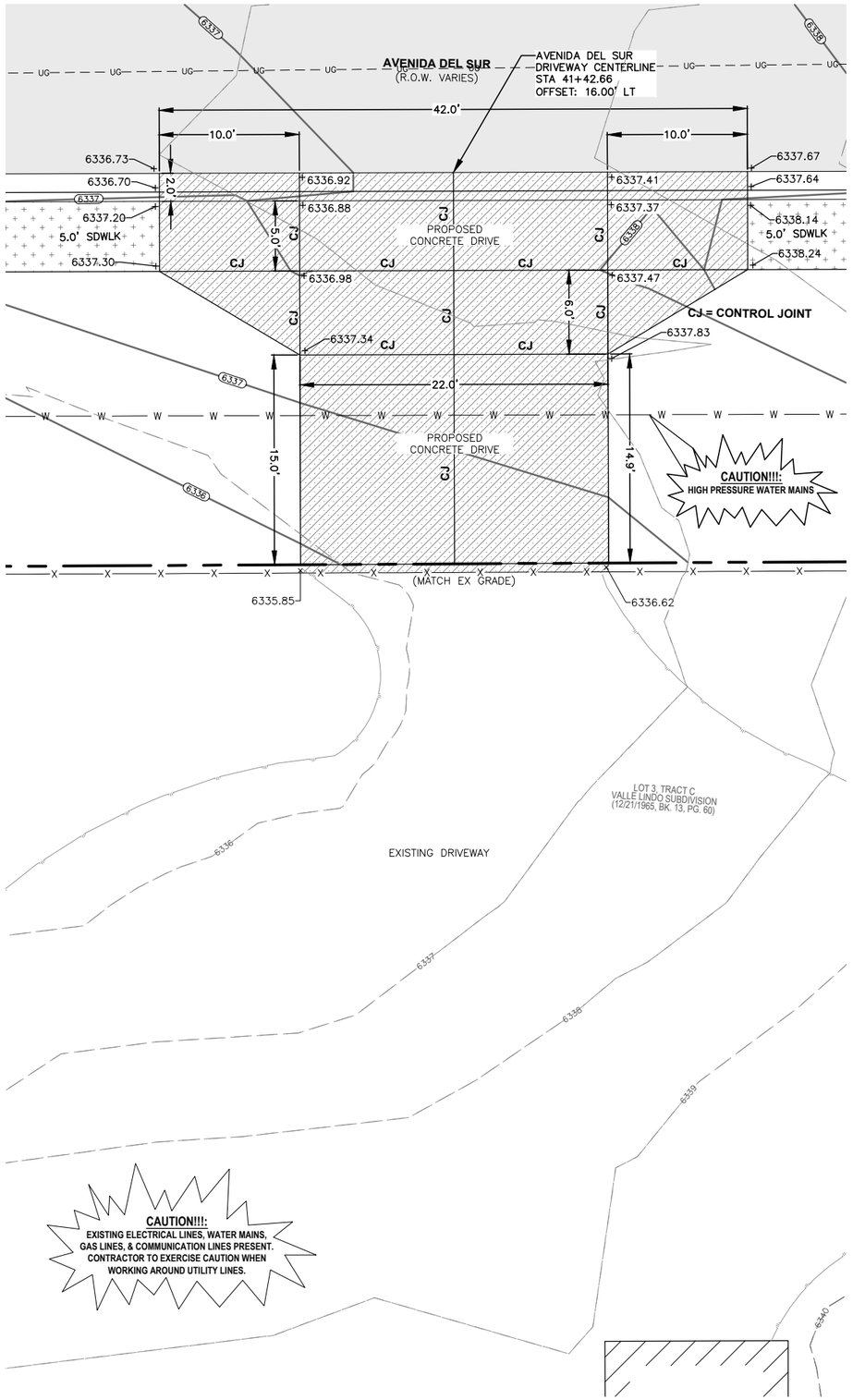
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## DRIVEWAY LAYOUT 10

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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 95 |

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SCALE IN FEET

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

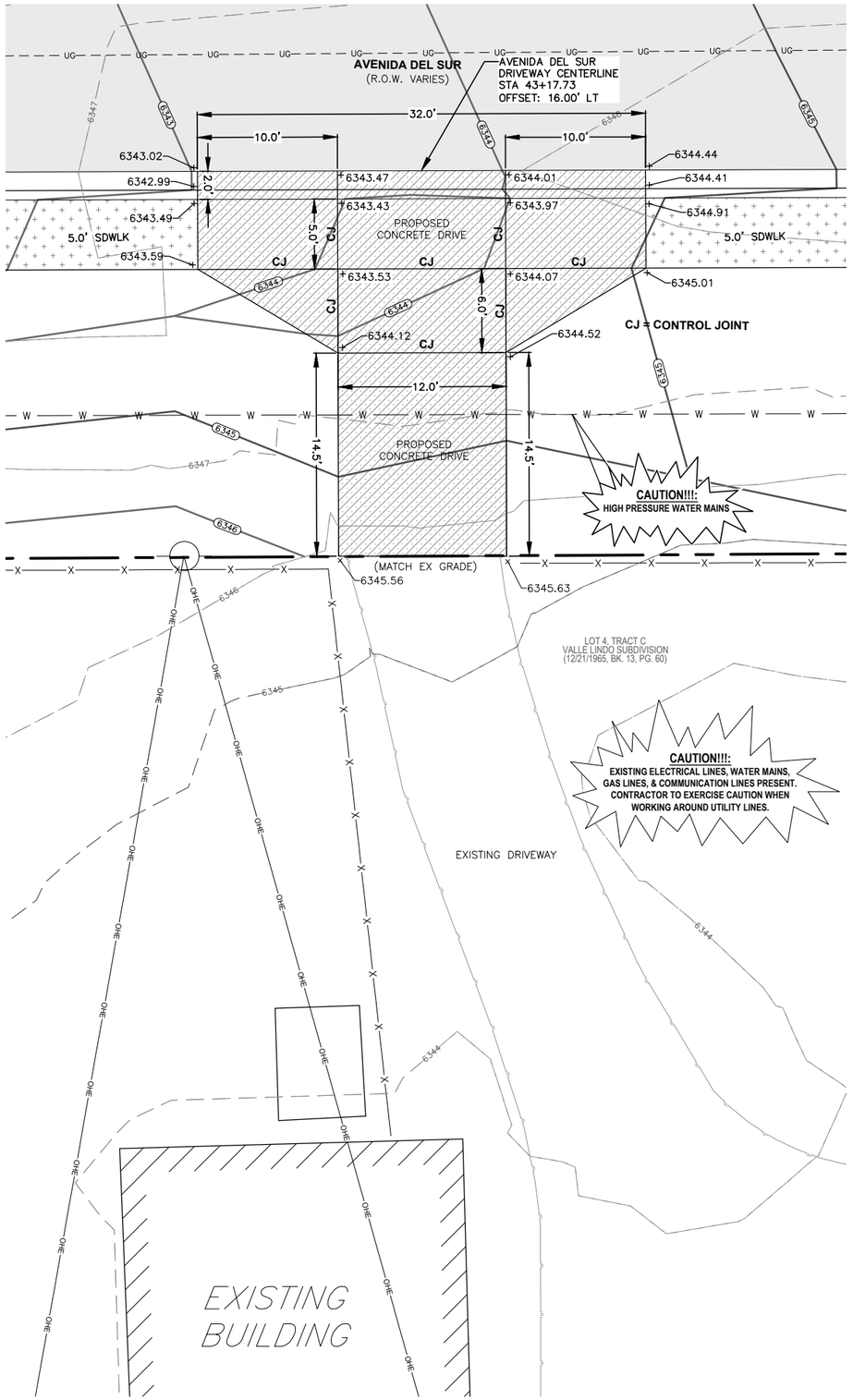
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

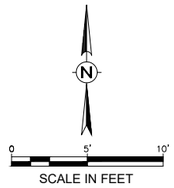
## DRIVEWAY LAYOUT 11

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 96 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
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CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

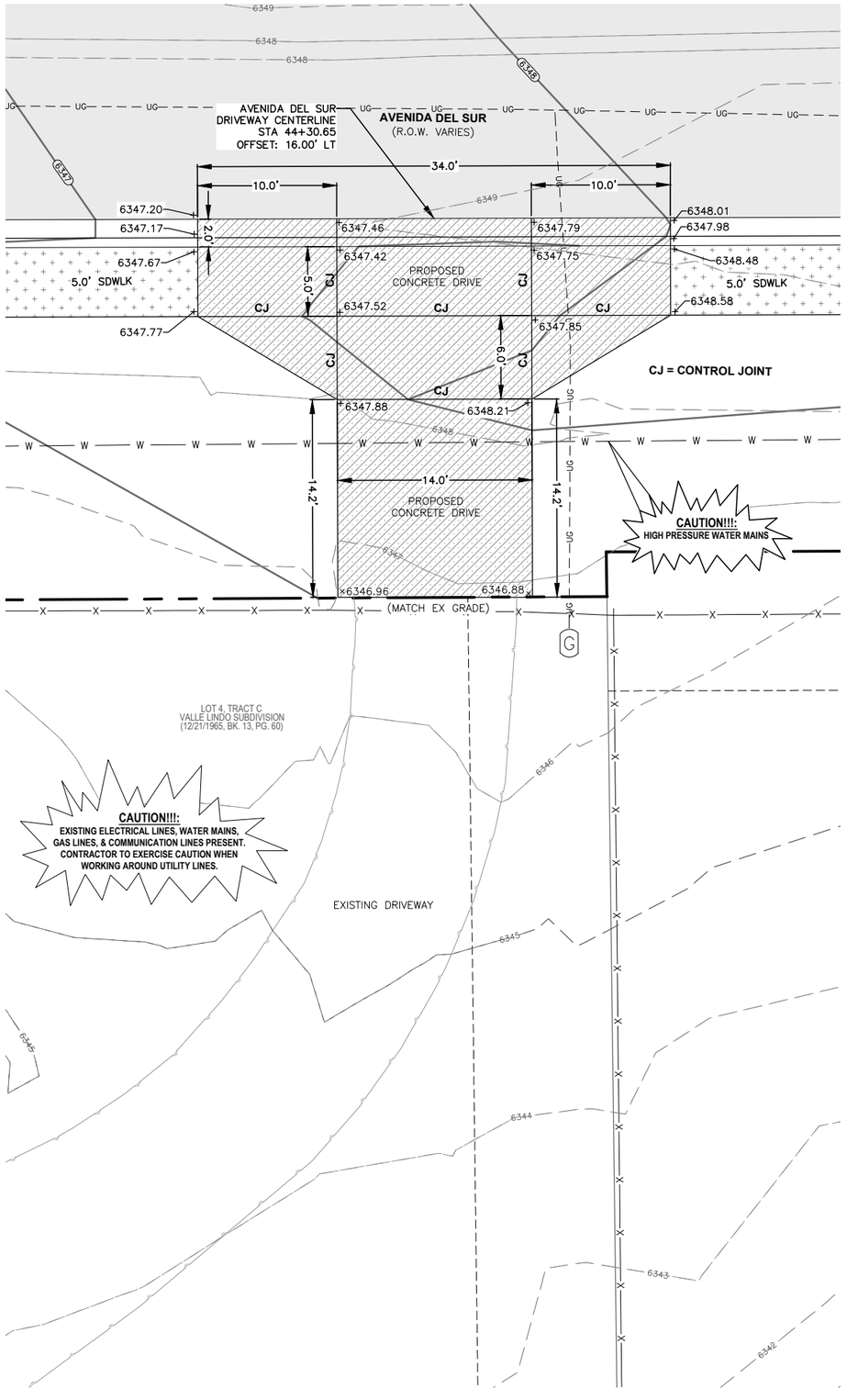
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## DRIVEWAY LAYOUT 12

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 97 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

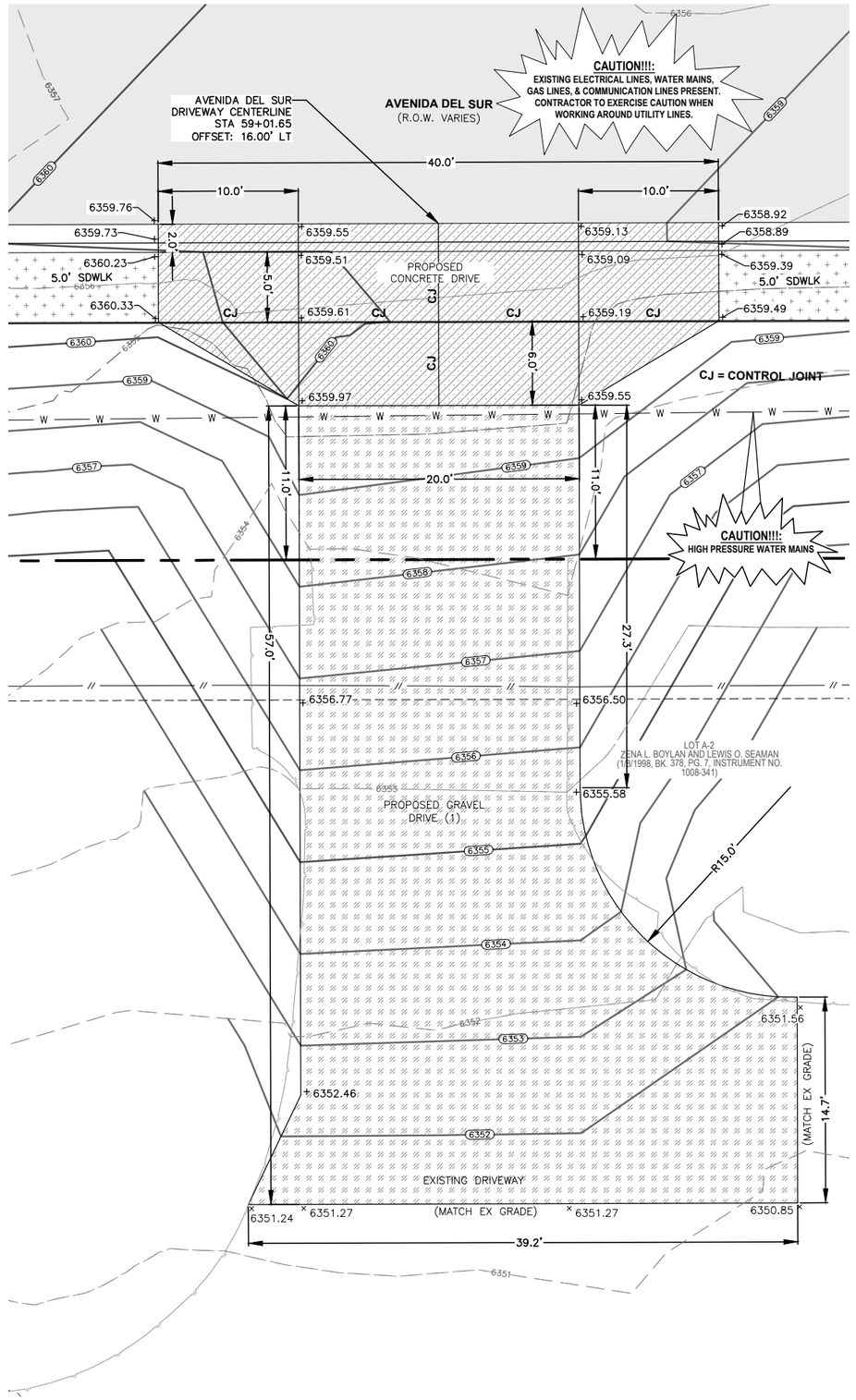
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## DRIVEWAY LAYOUT 13

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 98 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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**(1) 6" GRAVEL ROAD SHALL BE PAID UNDER ITEM 303 - BASE COURSE**

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

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CDSmuery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

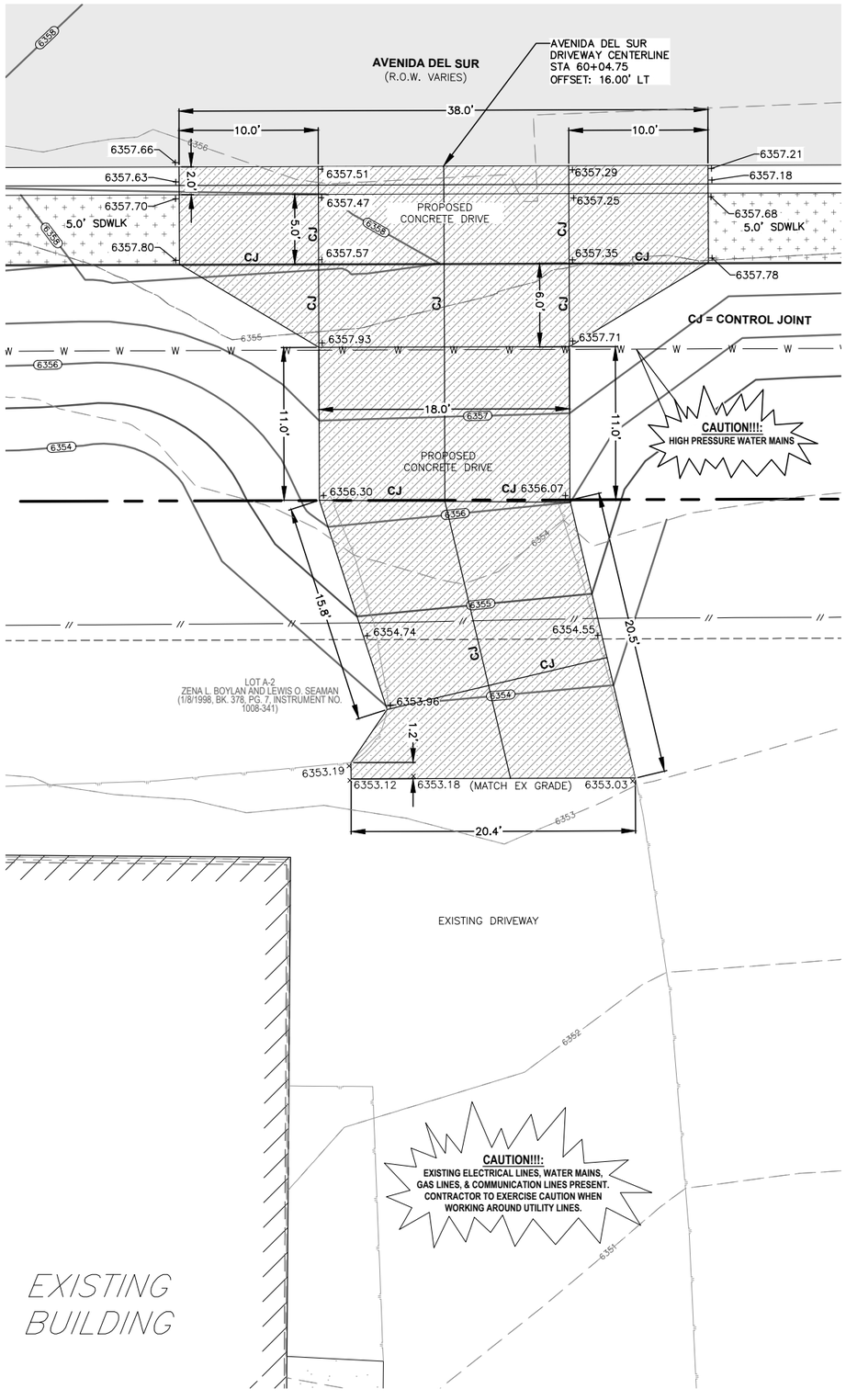
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# DRIVEWAY LAYOUT 14

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 99 |

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(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# DRIVEWAY LAYOUT 15

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 100 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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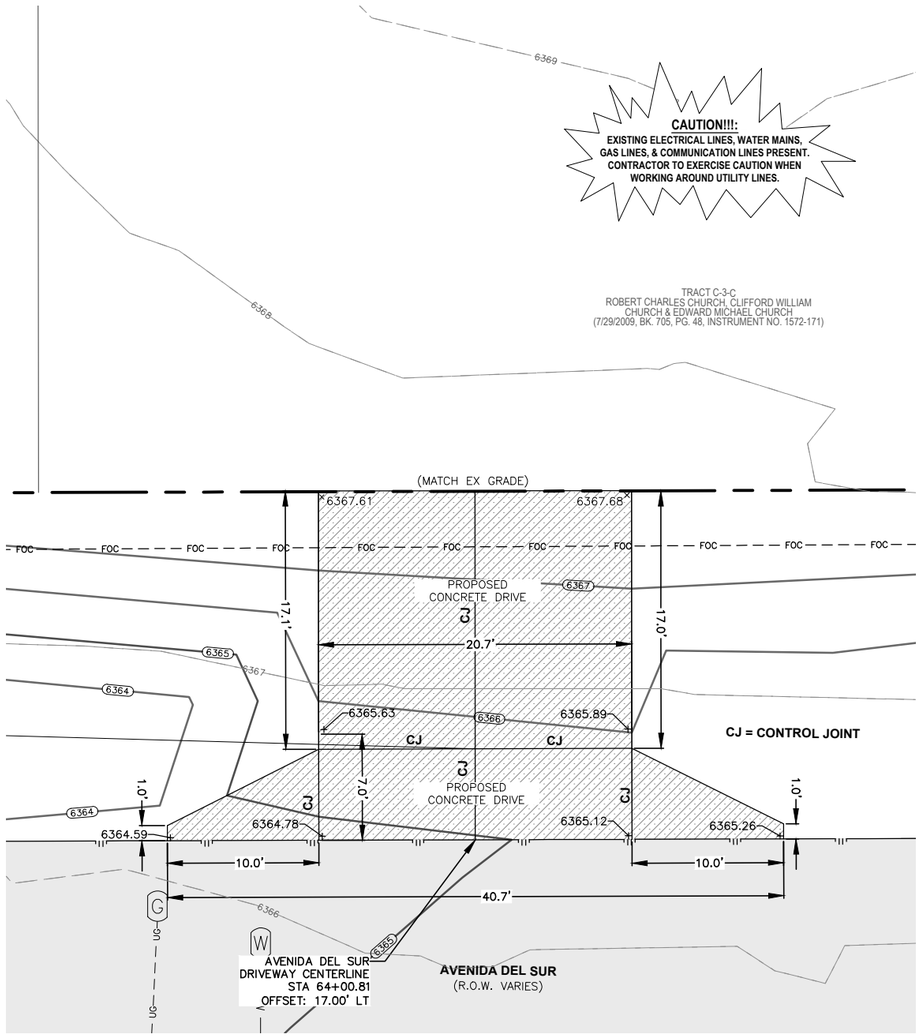
**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

N

0 5' 10'

SCALE IN FEET




**EXISTING UTILITY INFORMATION**

THE LOCATION OF UTILITIES, EITHER UNDERGROUND OR OVERHEAD, ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND DEPTH(IF UNDERGROUND) OF ALL UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.

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BOTH PRIVATE AND PUBLIC UTILITIES EXIST THROUGHOUT THE PROJECT SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES AND THE OWNER PRIOR TO CONSTRUCTION. UTILITIES IN CONFLICT WITH PROPOSED STREETS, DRAINAGE, UTILITIES, ETC. SHALL BE ADJUSTED, REMOVED AND/OR REALIGNED DURING THE CONSTRUCTION OF THE PROJECT, AS DIRECTED BY THE RESPECTIVE UTILITY COMPANY AND/OR OWNER.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

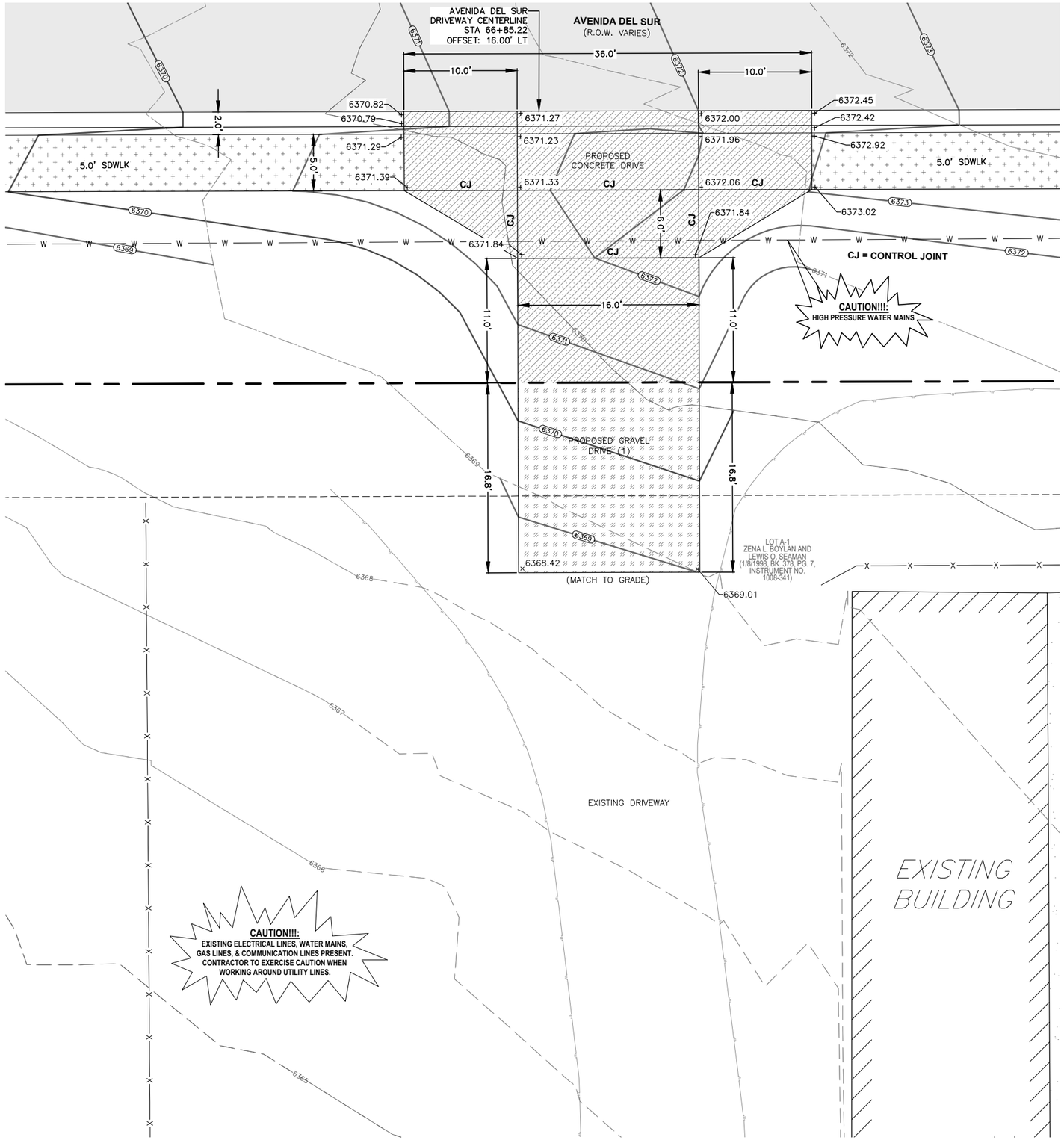
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## DRIVEWAY LAYOUT 16

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 101 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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N

0 5' 10'

SCALE IN FEET

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nm811 Know what's below. Call before you dig.

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**(1) 6" GRAVEL ROAD PAID UNDER ITEM 303- BASE COURSE**

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

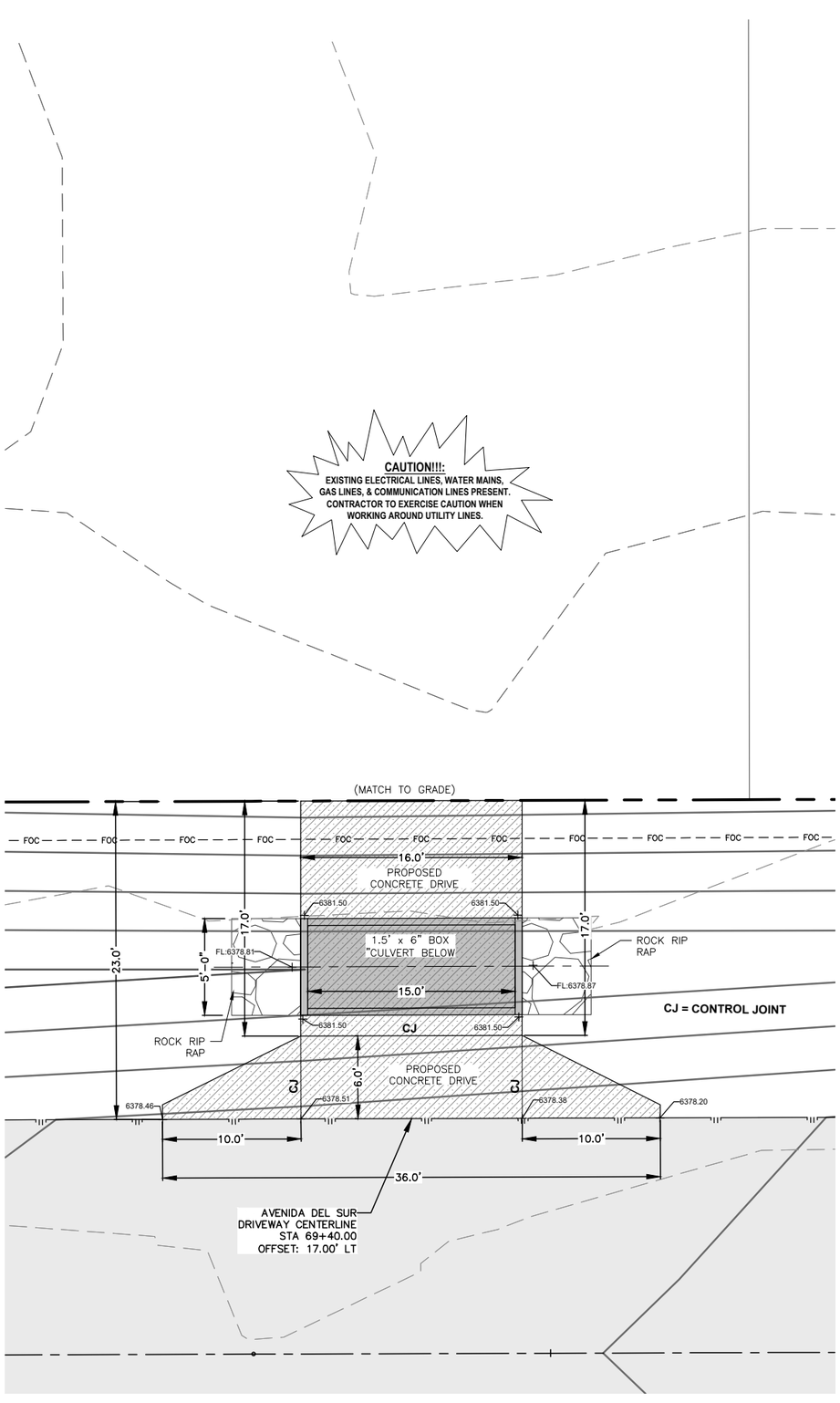
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## DRIVEWAY LAYOUT 17

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 102 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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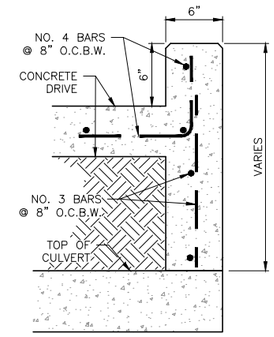




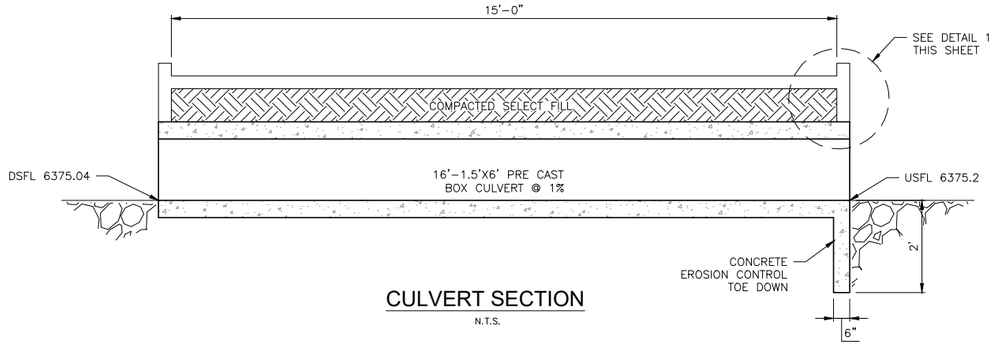
**CAUTION!!!:**
**EXISTING ELECTRICAL LINES, WATER MAINS, GAS LINES, & COMMUNICATION LINES PRESENT. CONTRACTOR TO EXERCISE CAUTION WHEN WORKING AROUND UTILITY LINES.**

**NOTE**

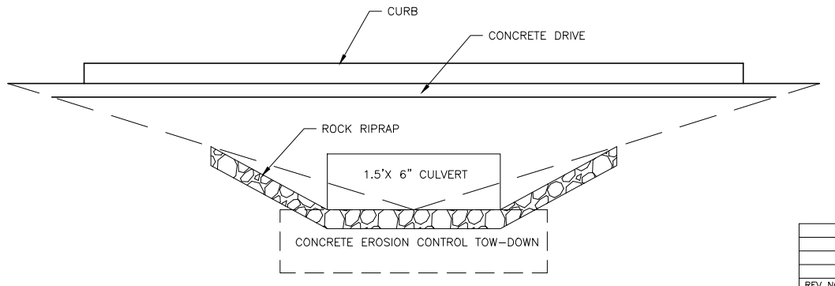
DRIVEWAY CURB AND EROSION CONTROL TOW-DOWN ARE SUBSIDIARY TO DRIVEWAY (NSPI)




## DETAIL 1
N.T.S.




## CULVERT SECTION
N.T.S.




## DITCH SECTION
N.T.S.

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

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| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# DRIVEWAY LAYOUT 17A

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 102A |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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Know what's below. Call before you dig.

N

0 5' 10'

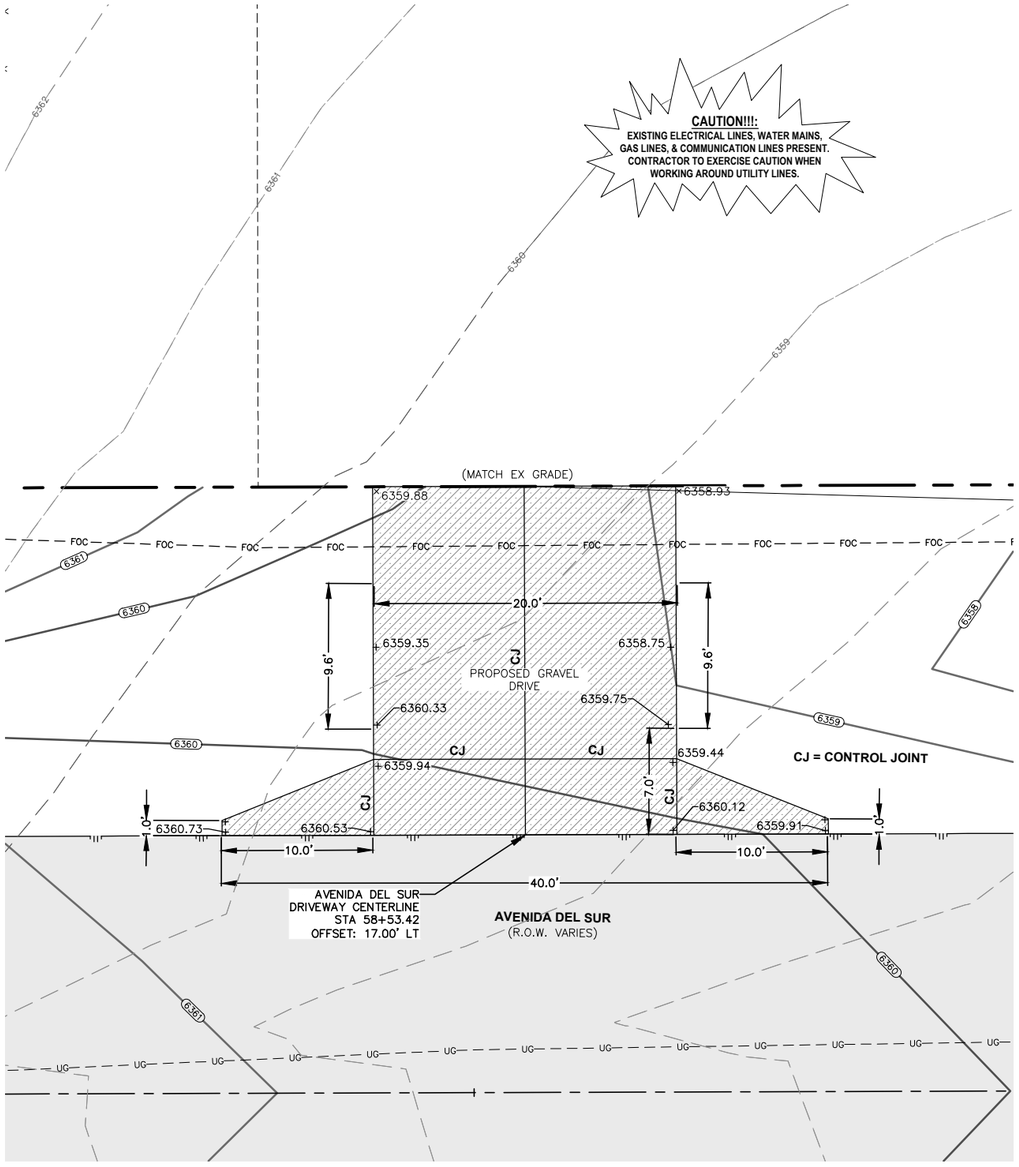
SCALE IN FEET

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

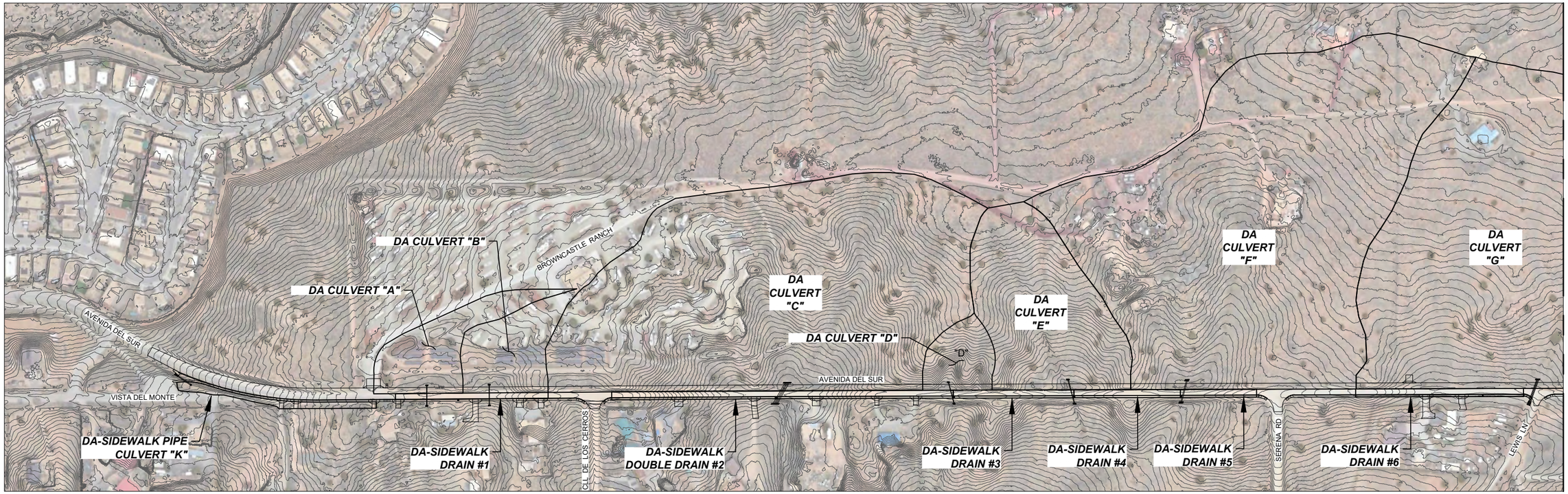
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# DRIVEWAY LAYOUT 18

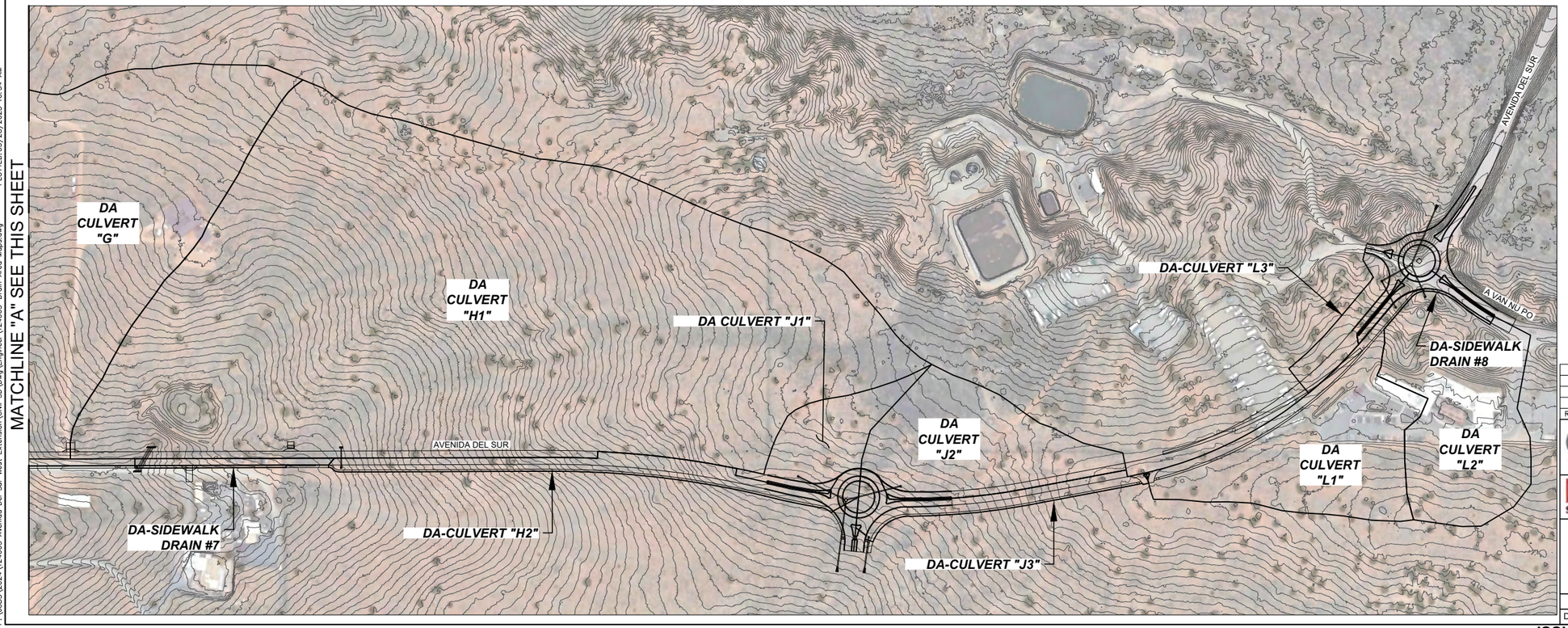
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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 103 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Driveway Layouts.dwg PLOTTED: 05/28/2025 11:02 AM




MATCHLINE "A" SEE THIS SHEET




MATCHLINE "A" SEE THIS SHEET

N

0 150' 300'

SCALE IN FEET

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER

5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# OVERALL DRAINAGE AREA MAP

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 104 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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## PEAK RUNOFF RATE CALCULATIONS

| DRAINAGE AREA DESCRIPTION<br>DA | DRAINAGE AREA<br>ACRES | TIME OF CONCENTRATION USE Tc<br>MINUTES | RUNOFF COEFFICIENT<br>C | RAINFALL INTENSITY (50 YR) i<br>IN/HR | RAINFALL INTENSITY (100 YR) i<br>IN/HR | PEAK RUNOFF RATE Q-50 YR<br>CFS | PEAK RUNOFF RATE Q-100 YR<br>CFS |
|---|---|---|---|---|---|---|---|
| Sidewalk Pipe Culvert "K" | 0.25 | 10 | 0.65 | 5.16 | 5.83 | 1 | 1 |
| Culvert "A" | 1.47 | 10 | 0.54 | 5.16 | 5.83 | 4 | 5 |
| Sidewalk Drain #1 | 0.18 | 10 | 1.00 | 5.16 | 5.83 | 1 | 1 |
| Culvert "B" | 1.39 | 10 | 0.54 | 5.16 | 5.83 | 4 | 4 |
| Sidewalk Drain #2 (Double) | 0.51 | 10 | 1.00 | 5.16 | 5.83 | 3 | 3 |
| Culvert "C" | 14.35 | 10 | 0.54 | 5.16 | 5.83 | 40 | 45 |
| Culvert "D" | 0.81 | 10 | 0.32 | 5.16 | 5.83 | 1 | 1 |
| Sidewalk Drain #3 | 0.18 | 10 | 1.00 | 5.16 | 5.83 | 1 | 1 |
| Culvert "E" | 4.08 | 10 | 0.32 | 5.16 | 5.83 | 7 | 7 |
| Sidewalk Drain #4 | 0.16 | 10 | 1.00 | 5.16 | 5.83 | 1 | 1 |
| Sidewalk Drain #5 | 0.12 | 10 | 1.00 | 5.16 | 5.83 | 1 | 1 |
| Culvert "F" | 17.44 | 10 | 0.32 | 5.16 | 5.83 | 28 | 32 |
| Sidewalk Drain #6 | 0.26 | 10 | 1.00 | 5.16 | 5.83 | 1 | 2 |
| Culvert "G" | 18.34 | 10 | 0.32 | 5.16 | 5.83 | 30 | 34 |
| Sidewalk Drain #7 | 0.24 | 10 | 1.00 | 5.16 | 5.83 | 1 | 1 |
| Culvert "H1" | 29.63 | 10 | 0.32 | 5.16 | 5.83 | 48 | 54 |
| Culvert "H2" | 1.22 | 10 | 0.65 | 5.16 | 5.83 | 4 | 5 |
| Culvert "J1" | 1.21 | 10 | 0.40 | 5.16 | 5.83 | 2 | 3 |
| Culvert "J2" | 2.83 | 10 | 0.40 | 5.16 | 5.83 | 6 | 7 |
| Culvert "J3" | 0.81 | 10 | 0.65 | 5.16 | 5.83 | 3 | 3 |
| Culvert "L1" | 3.6 | 10 | 0.75 | 5.16 | 5.83 | 14 | 16 |
| Culvert "L2" | 3.86 | 10 | 0.44 | 5.16 | 5.83 | 9 | 10 |
| Sidewalk Drain #8 | 0.24 | 10 | 1.00 | 5.16 | 5.83 | 1 | 1 |
| Culvert "L3" | 0.66 | 10 | 0.75 | 5.16 | 5.83 | 3 | 3 |

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

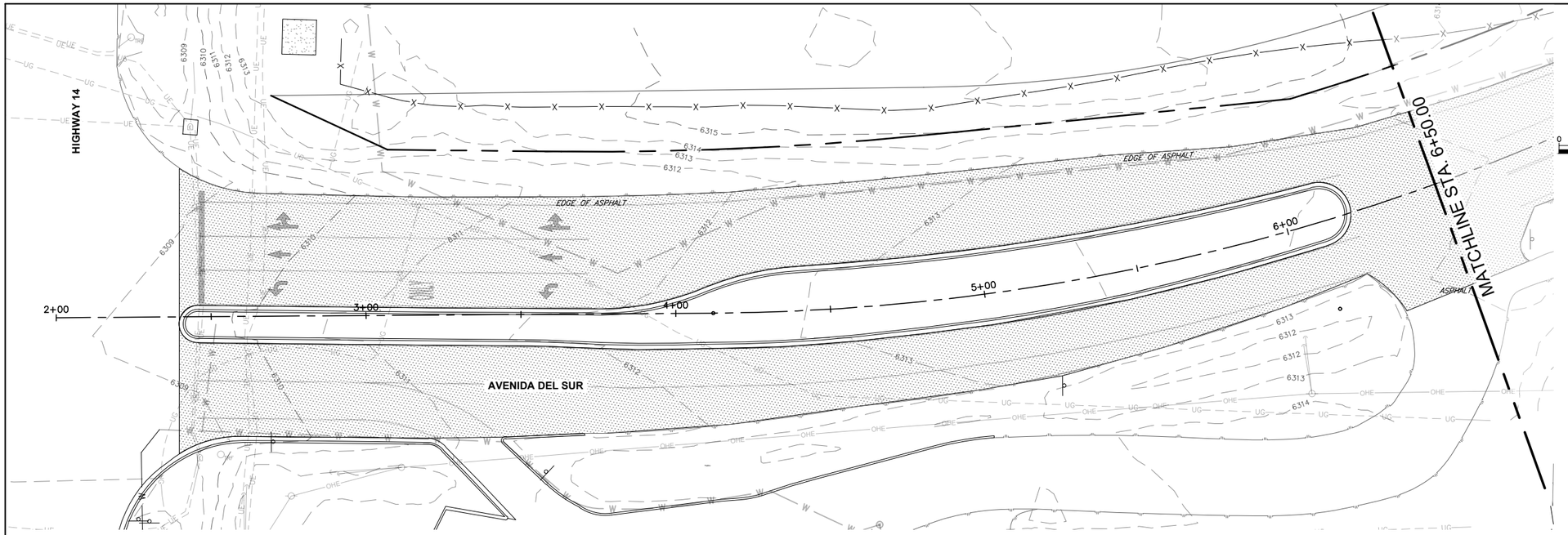
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

DRAINAGE CALCULATIONS

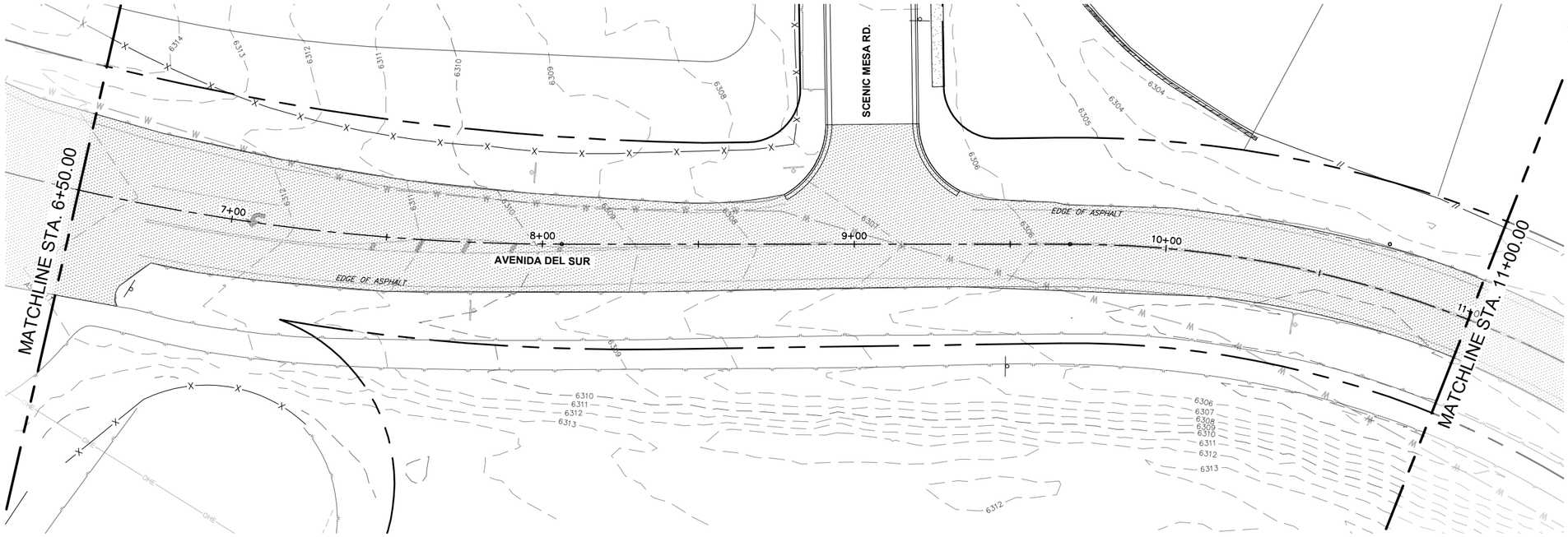
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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 105 |

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# AVENIDA DEL SUR




# AVENIDA DEL SUR

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

ABBREVIATIONS

| | | | | | |
|---|---|---|---|---|---|
| EST | = | ESTIMATED QUANTITY | CONC | = | CONCRETE |
| SPI | = | SEPARATE PAY ITEM | REM | = | REMOVE |
| NSPI | = | NO SEPARATE PAY ITEM | EXIST | = | EXISTING |
| GRVL | = | GRAVEL PAVEMENT | RT | = | RIGHT |
| HMAC | = | HOT MIX ASPHALT CONC | LT | = | LEFT |
| SDWK | = | CONCRETE SIDEWALK | TYP | = | TYPICAL |
| SD | = | STORM DRAIN PIPE | RET. | = | RETURN |
| RCP | = | REINFORCED CONC PIPE | STA. | = | STATION |
| SBC | = | SINGLE BOX CULVERT | DRWY | = | DRIVEWAY |
| MBC | = | MULTIPLE BOX CULVERT | TEMP | = | TEMPORARY |
| INV | = | INVERT ELEVATION | COMM | = | COMMERCIAL |
| TC | = | TOP OF CURB ELEVATION | SHT | = | SHEET |
| GT | = | GUTTER ELEVATION | PVMT | = | PAVEMENT |
| FL | = | FLOWLINE ELEVATION | ASPH | = | ASPHALT |
| | | | ESMT | = | EASEMENT |
| | | | UNK | = | UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

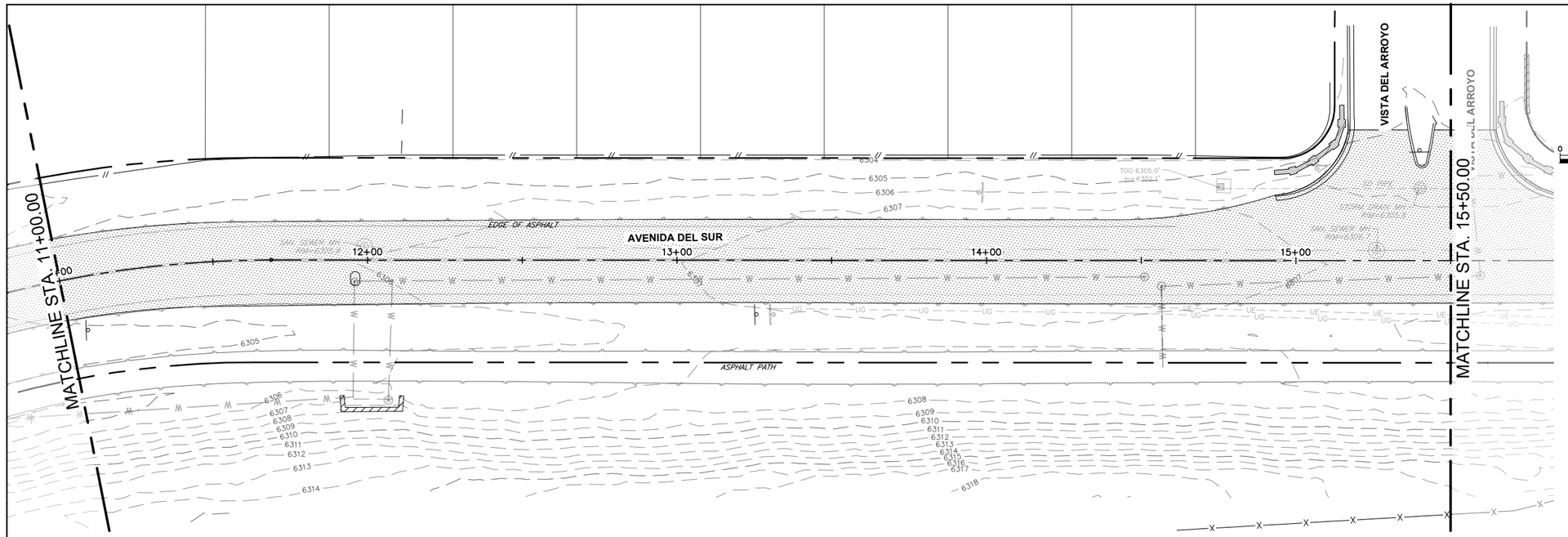
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AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

DRAINAGE OVERALL LAYOUT

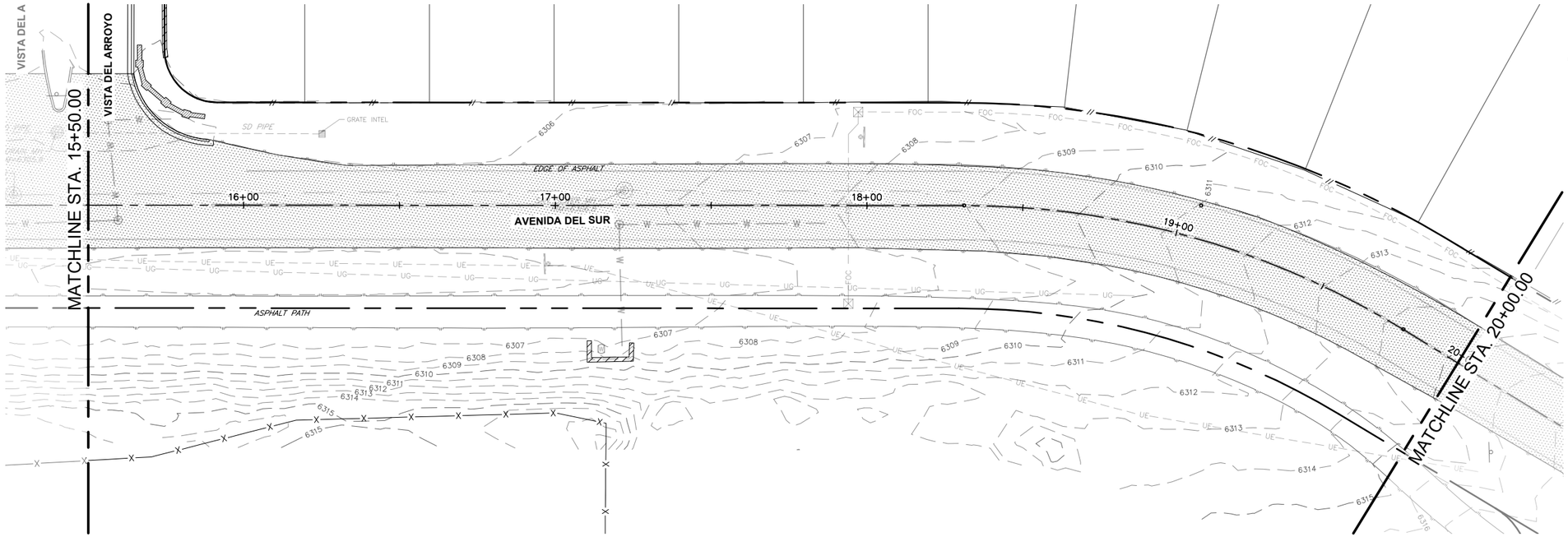
| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 106 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:35 AM
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# AVENIDA DEL SUR




# AVENIDA DEL SUR

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

0 20' 40'
SCALE IN FEET

ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = ESTIMATED QUANTITY | 12 | DRIVEWAY NUMBER |
| SPI | = SEPARATE PAY ITEM | MB07 | MAILBOX NUMBER |
| NSPI | = NO SEPARATE PAY ITEM | | |
| GRVL | = GRAVEL PAVEMENT | | |
| HMAC | = HOT MIX ASPHALT CONC | | |
| SDWK | = CONCRETE SIDEWALK | | |
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| RCP | = REINFORCED CONC PIPE | | |
| SBC | = SINGLE BOX CULVERT | | |
| MBC | = MULTIPLE BOX CULVERT | | |
| INV | = INVERT ELEVATION | | |
| TC | = TOP OF CURB ELEVATION | | |
| GT | = GUTTER ELEVATION | | |
| FL | = FLOWLINE ELEVATION | | |
| CONC | = CONCRETE | DRWY | = DRIVEWAY |
| REM | = REMOVE | TEMP | = TEMPORARY |
| EXIST | = EXISTING | COMM | = COMMERCIAL |
| RT | = RIGHT | SHT | = SHEET |
| LT | = LEFT | PVMT | = PAVEMENT |
| TYP | = TYPICAL | ASPH | = ASPHALT |
| RET. | = RETURN | ESMT | = EASEMENT |
| STA. | = STATION | UNK | = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

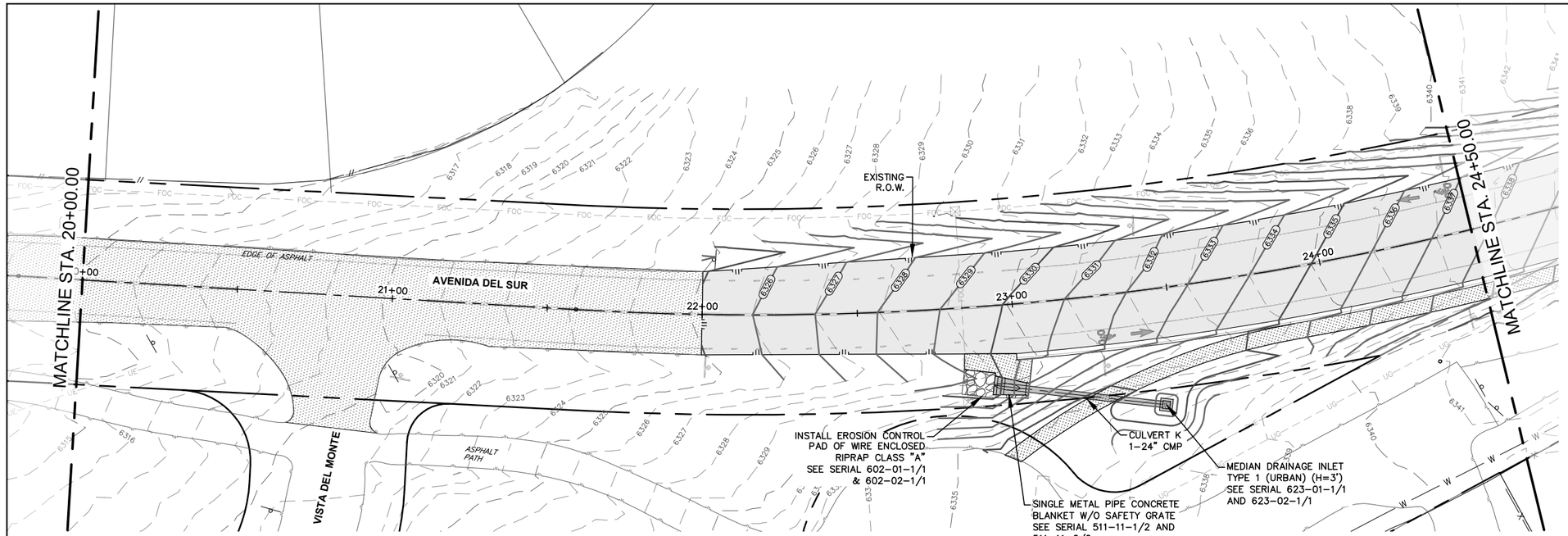
DRAINAGE OVERALL LAYOUT

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 107 |

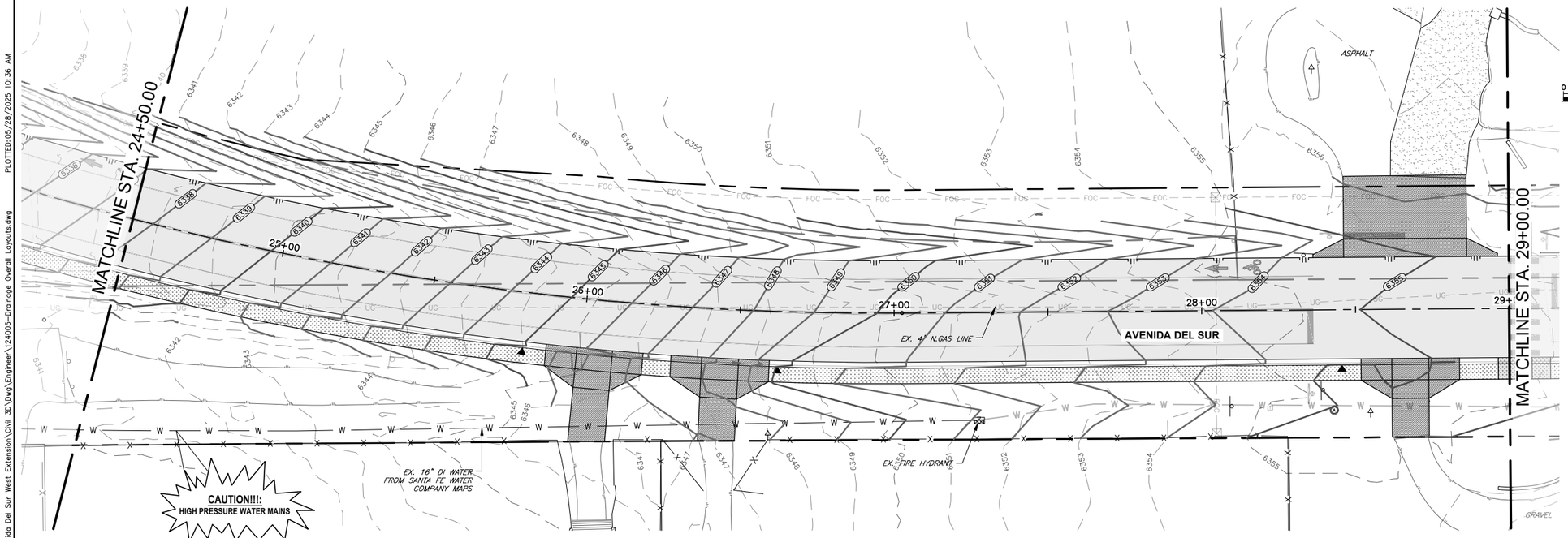
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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# AVENIDA DEL SUR




# AVENIDA DEL SUR

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- MILL & OVERLAY
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- BASE PAVEMENT
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- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

0 20' 40'

SCALE IN FEET

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| DRWY | = | DRIVEWAY |
| TEMP | = | TEMPORARY |
| COMM | = | COMMERCIAL |
| SHT | = | SHEET |
| PVMT | = | PAVEMENT |
| ASPH | = | ASPHALT |
| ESMT | = | EASEMENT |
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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

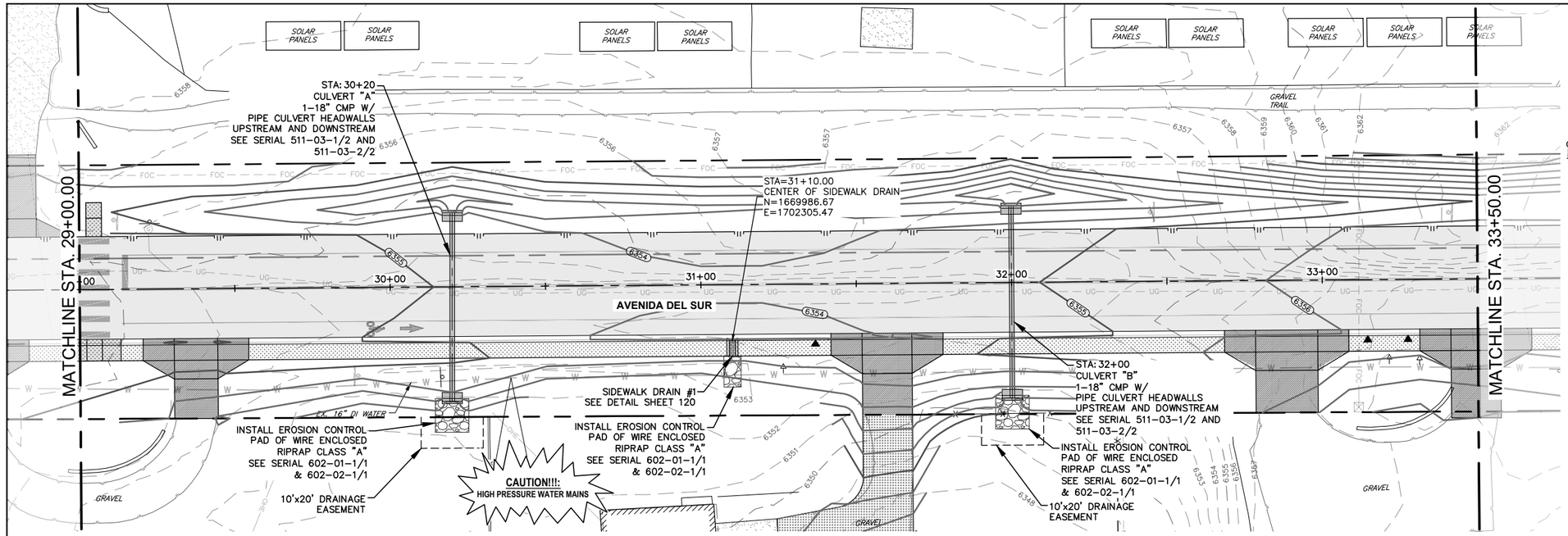
DRAINAGE OVERALL LAYOUT

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 108 |

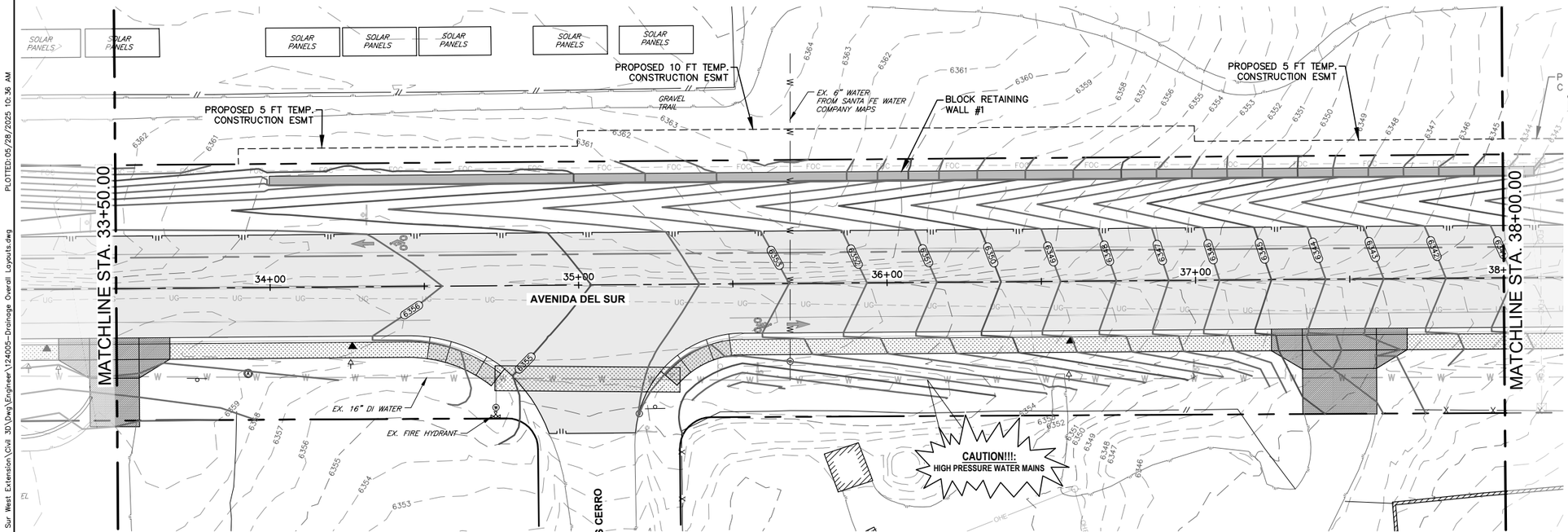
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# AVENIDA DEL SUR




# AVENIDA DEL SUR

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(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY

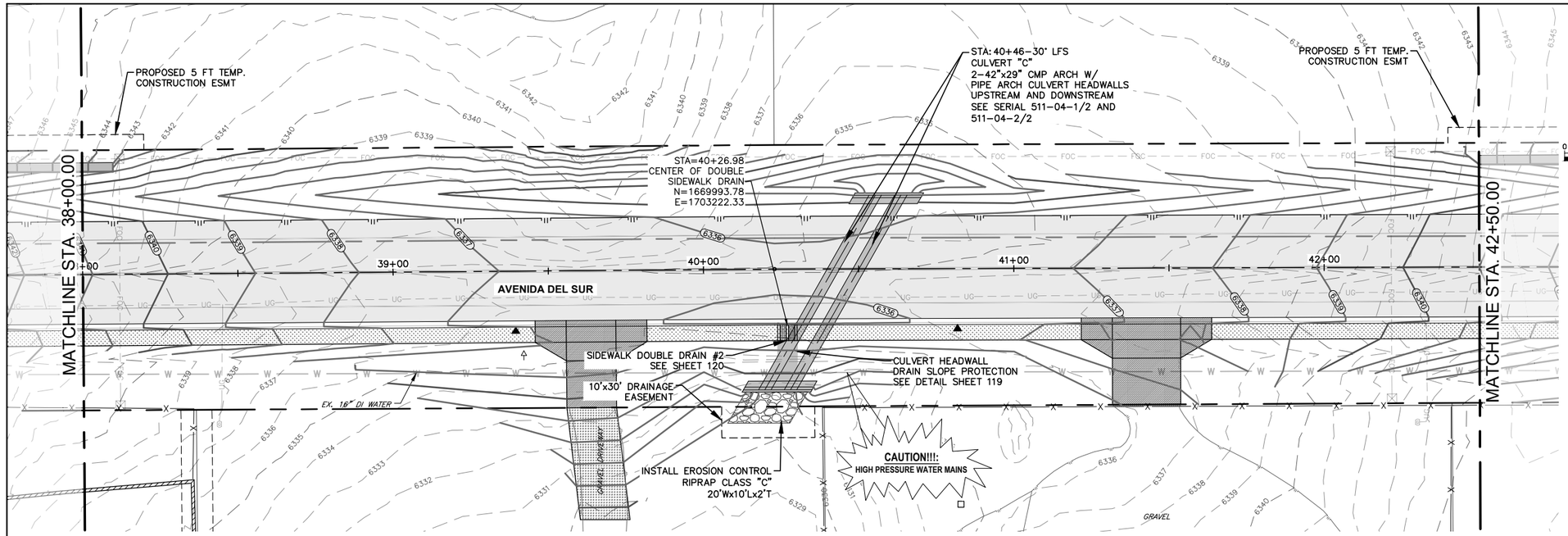
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

DRAINAGE OVERALL LAYOUT

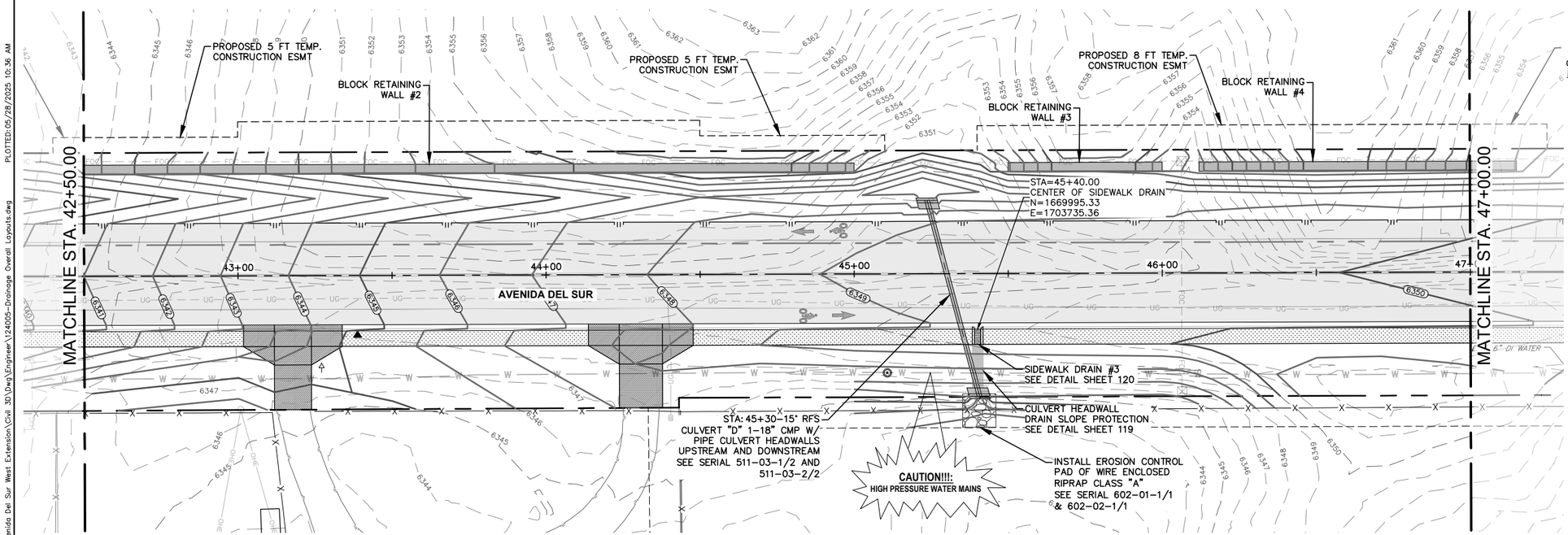
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 109 |

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# AVENIDA DEL SUR




# AVENIDA DEL SUR

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

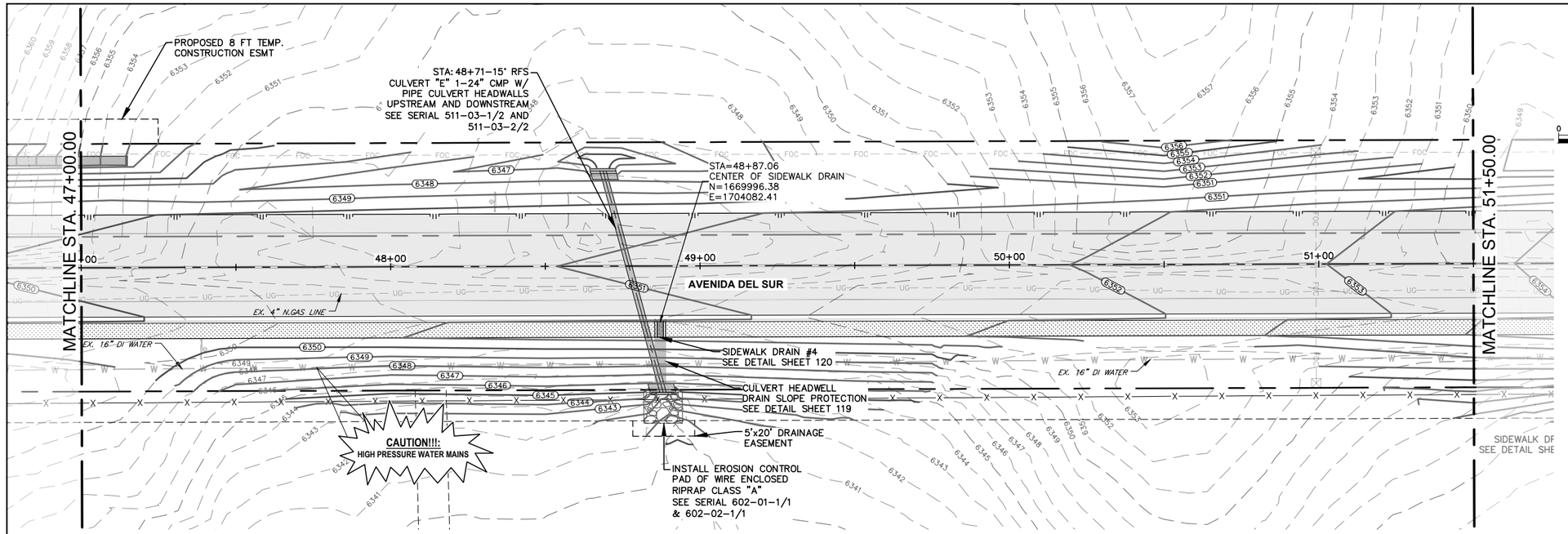
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## DRAINAGE OVERALL LAYOUT

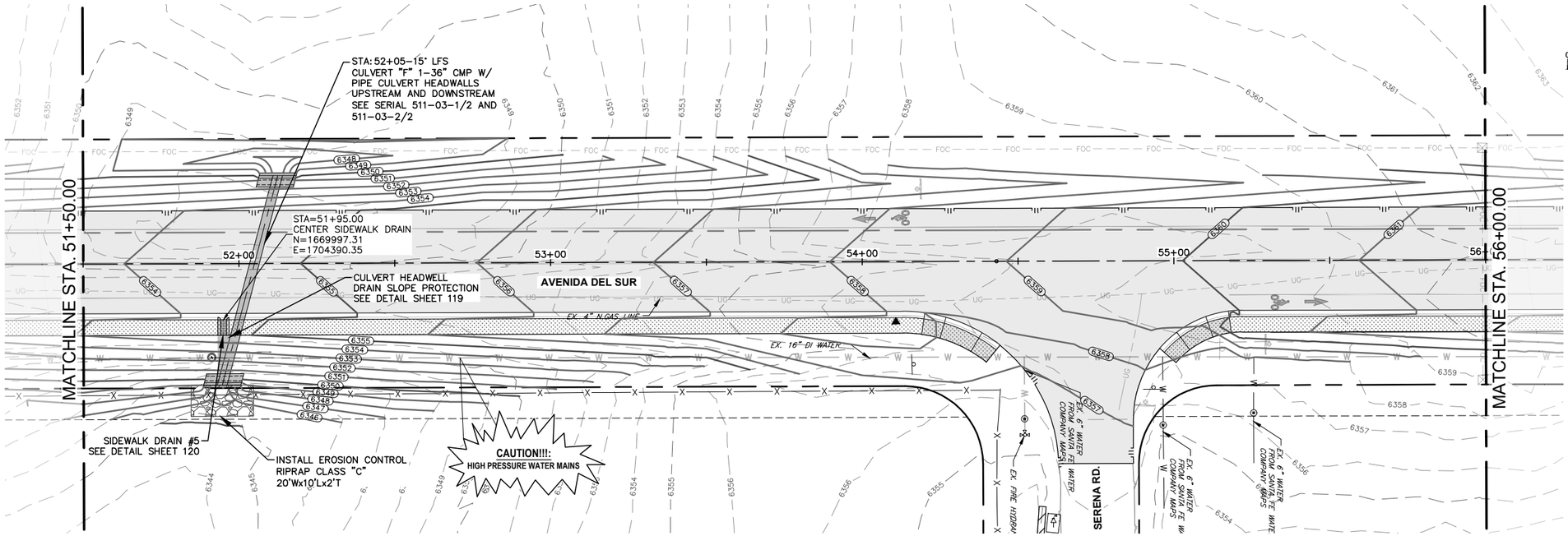
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 110 |

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# AVENIDA DEL SUR




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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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CDS muery ENGINEERS | SURVEYORS
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SANTA FE COUNTY

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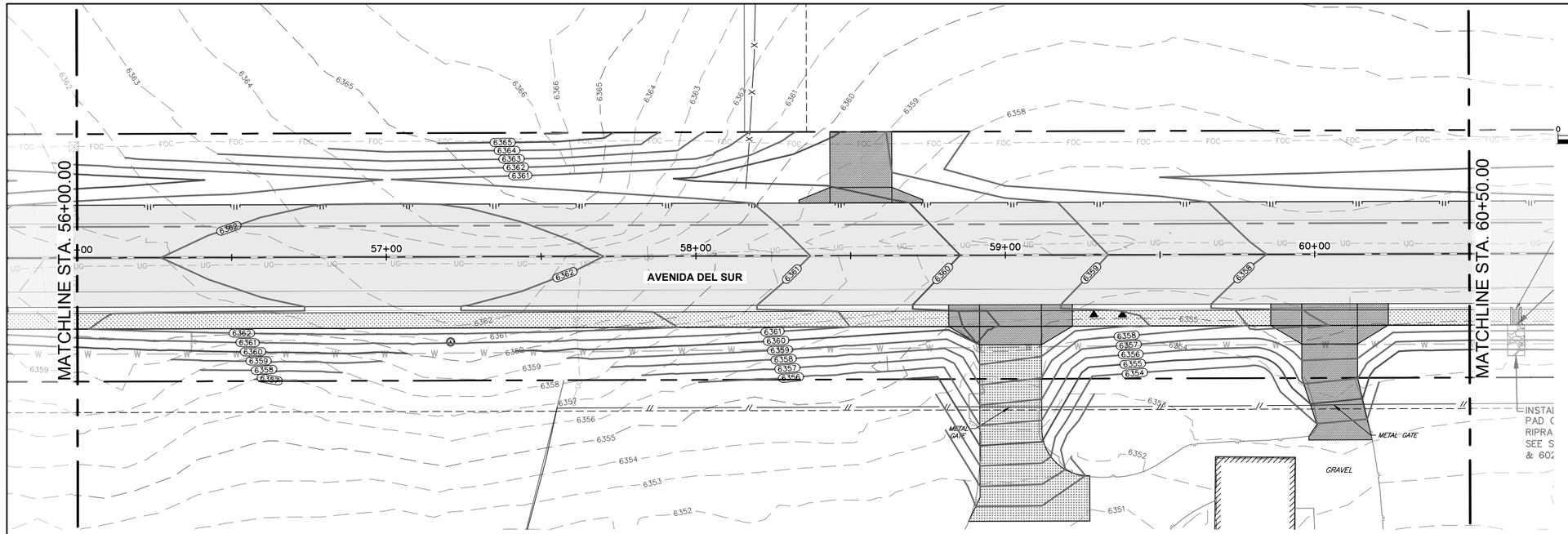
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## DRAINAGE OVERALL LAYOUT

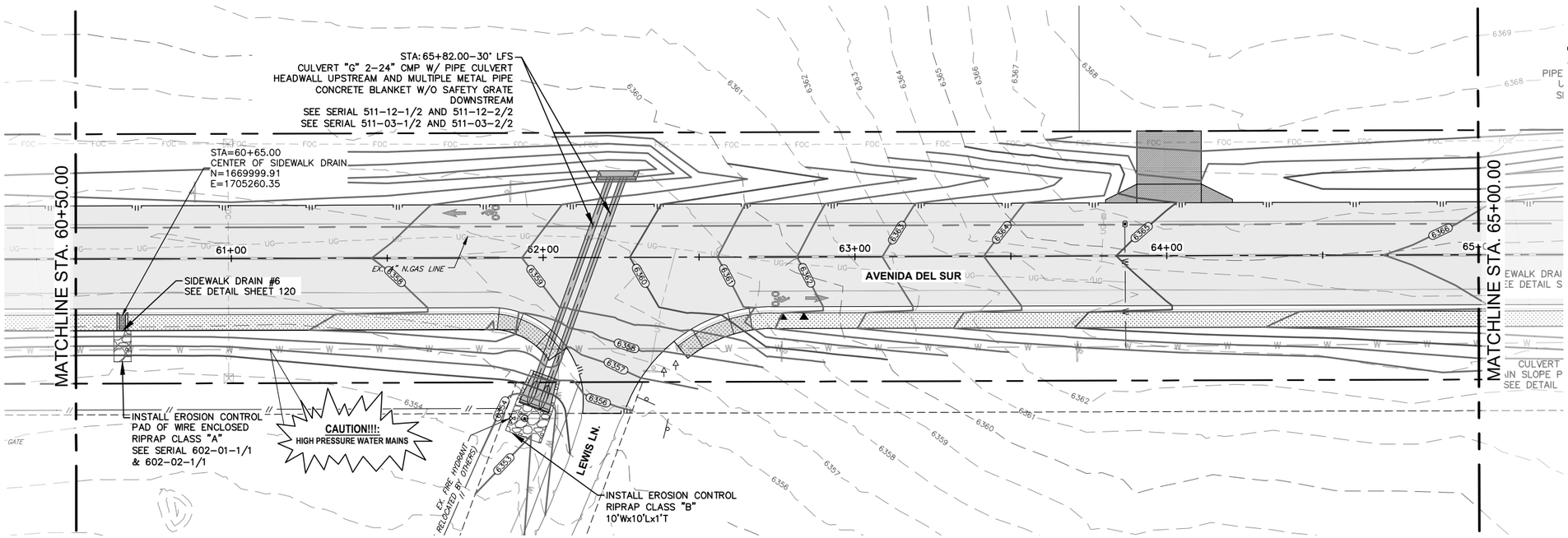
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# AVENIDA DEL SUR




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- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT–OF–WAY(EXISTING)
- RIGHT–OF–WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP–RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = ESTIMATED QUANTITY | | |
| SPI | = SEPARATE PAY ITEM | | |
| NSPI | = NO SEPARATE PAY ITEM | | |
| GRVL | = GRAVEL PAVEMENT | | |
| HMAC | = HOT MIX ASPHALT CONC | | |
| SDWK | = CONCRETE SIDEWALK | | |
| SD | = STORM DRAIN PIPE | | |
| RCP | = REINFORCED CONC PIPE | | |
| SBC | = SINGLE BOX CULVERT | | |
| MBC | = MULTIPLE BOX CULVERT | | |
| INV | = INVERT ELEVATION | | |
| TC | = TOP OF CURB ELEVATION | | |
| GT | = GUTTER ELEVATION | | |
| FL | = FLOWLINE ELEVATION | | |
| CONC | = CONCRETE | DRWY | = DRIVEWAY |
| REM | = REMOVE | TEMP | = TEMPORARY |
| EXIST | = EXISTING | COMM | = COMMERCIAL |
| RT | = RIGHT | SHT | = SHEET |
| LT | = LEFT | PVMT | = PAVEMENT |
| TYP | = TYPICAL | ASPH | = ASPHALT |
| RET. | = RETURN | ESMT | = EASEMENT |
| STA. | = STATION | UNK | = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

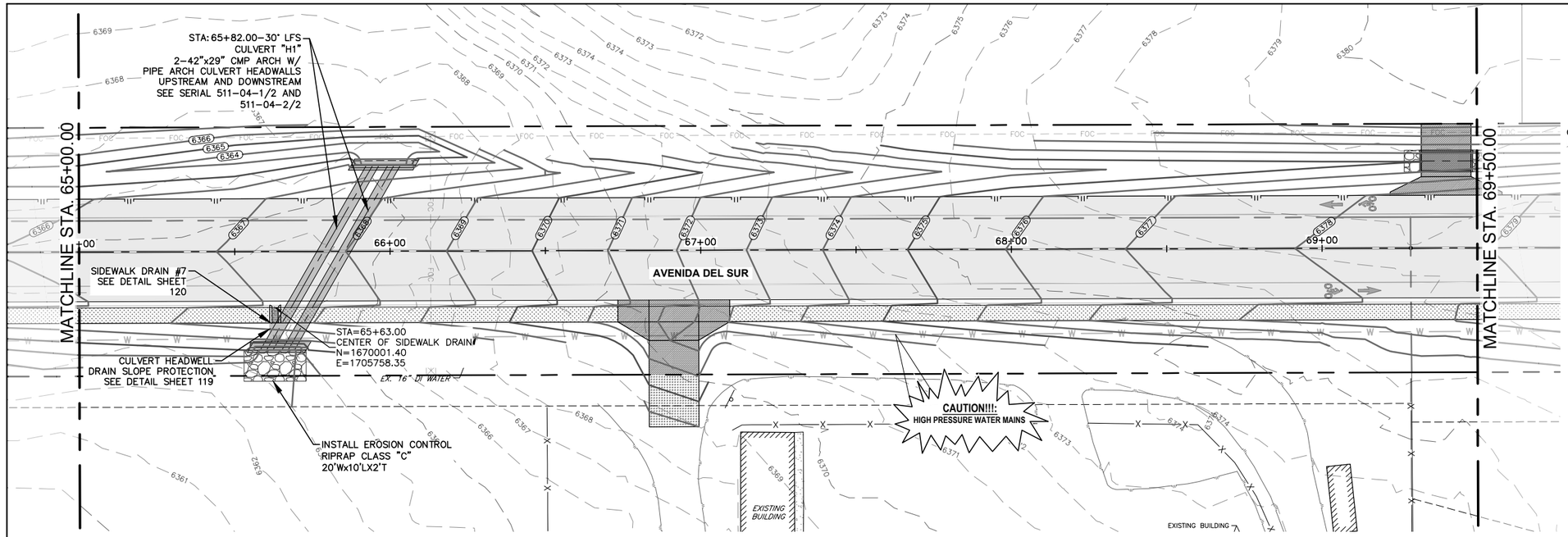
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

DRAINAGE OVERALL LAYOUT

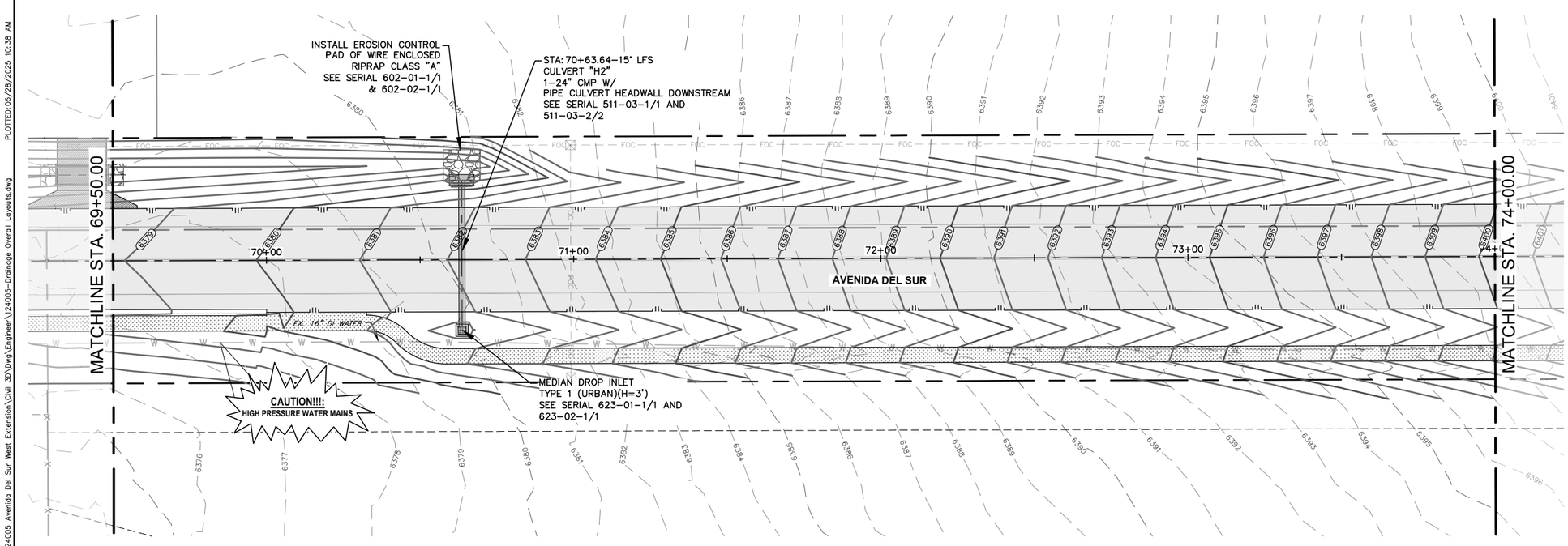
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 112 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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# AVENIDA DEL SUR




# AVENIDA DEL SUR

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT–OF–WAY(EXISTING)
- RIGHT–OF–WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
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- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
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- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP–RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = ESTIMATED QUANTITY | | |
| SPI | = SEPARATE PAY ITEM | | |
| NSPI | = NO SEPARATE PAY ITEM | | |
| GRVL | = GRAVEL PAVEMENT | | |
| HMAC | = HOT MIX ASPHALT CONC | | |
| SDWK | = CONCRETE SIDEWALK | | |
| SD | = STORM DRAIN PIPE | | |
| RCP | = REINFORCED CONC PIPE | | |
| SBC | = SINGLE BOX CULVERT | | |
| MBC | = MULTIPLE BOX CULVERT | | |
| INV | = INVERT ELEVATION | | |
| TC | = TOP OF CURB ELEVATION | | |
| GT | = GUTTER ELEVATION | | |
| FL | = FLOWLINE ELEVATION | | |
| CONC | = CONCRETE | DRWY | = DRIVEWAY |
| REM | = REMOVE | TEMP | = TEMPORARY |
| EXIST | = EXISTING | COMM | = COMMERCIAL |
| RT | = RIGHT | SHT | = SHEET |
| LT | = LEFT | PVMT | = PAVEMENT |
| TYP | = TYPICAL | ASPH | = ASPHALT |
| RET. | = RETURN | ESMT | = EASEMENT |
| STA. | = STATION | UNK | = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

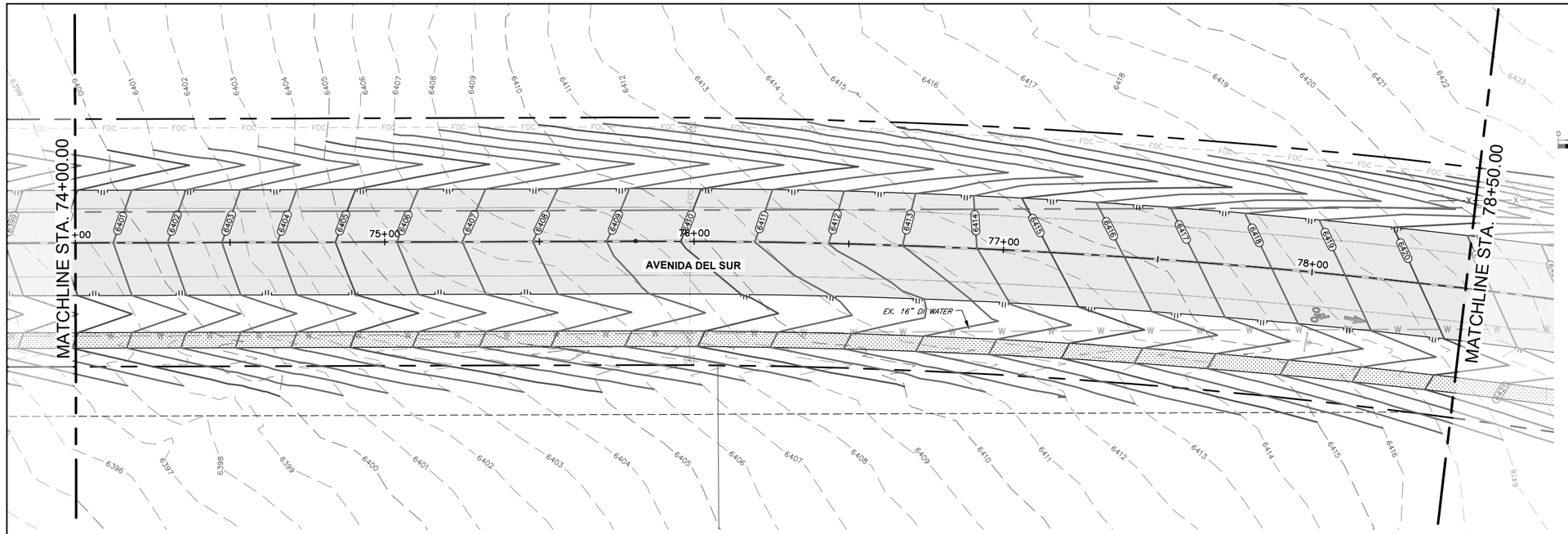
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

DRAINAGE OVERALL LAYOUT

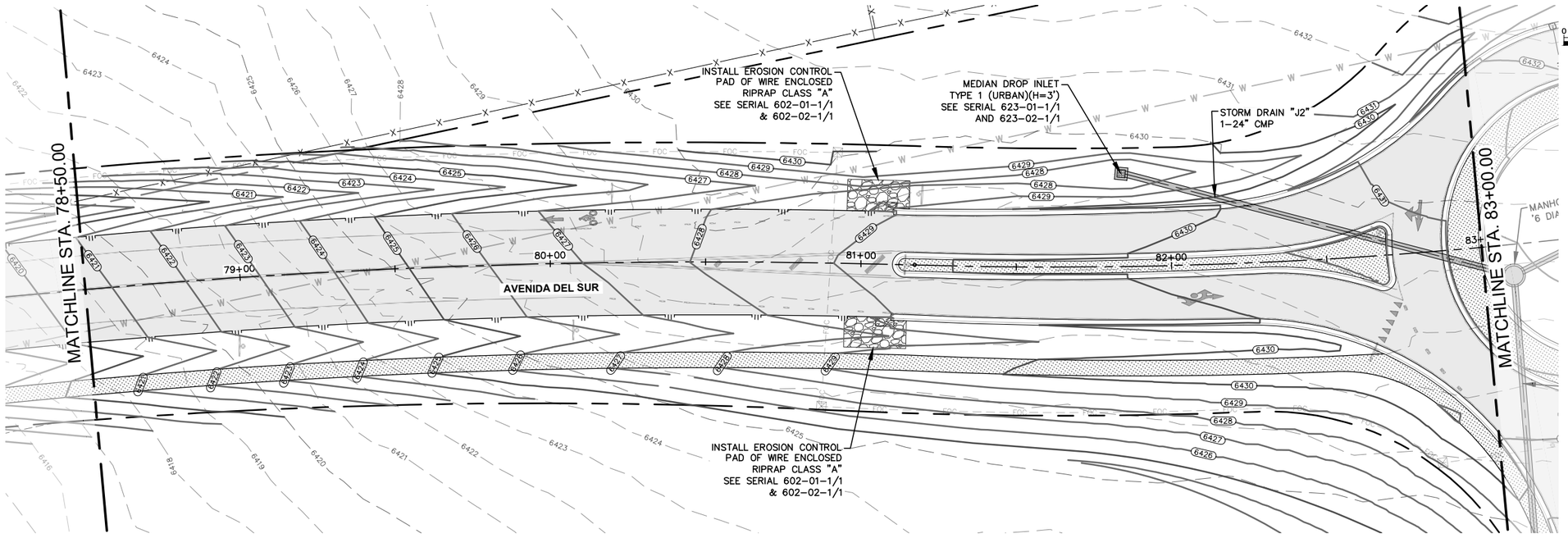
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 113 |

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AVENIDA DEL SUR




AVENIDA DEL SUR

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
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- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

0 20' 40'
SCALE IN FEET

ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = ESTIMATED QUANTITY | CONC | = CONCRETE |
| SPI | = SEPARATE PAY ITEM | REM | = REMOVE |
| NSPI | = NO SEPARATE PAY ITEM | EXIST | = EXISTING |
| GRVL | = GRAVEL PAVEMENT | RT | = RIGHT |
| HMAC | = HOT MIX ASPHALT CONC | LT | = LEFT |
| SDWK | = CONCRETE SIDEWALK | TYP | = TYPICAL |
| SD | = STORM DRAIN PIPE | RET. | = RETURN |
| RCP | = REINFORCED CONC PIPE | STA. | = STATION |
| SBC | = SINGLE BOX CULVERT | DRWY | = DRIVEWAY |
| MBC | = MULTIPLE BOX CULVERT | TEMP | = TEMPORARY |
| INV | = INVERT ELEVATION | COMM | = COMMERCIAL |
| TC | = TOP OF CURB ELEVATION | SHT | = SHEET |
| GT | = GUTTER ELEVATION | PVMT | = PAVEMENT |
| FL | = FLOWLINE ELEVATION | ASPH | = ASPHALT |
| | | ESMT | = EASEMENT |
| | | UNK | = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100195-00

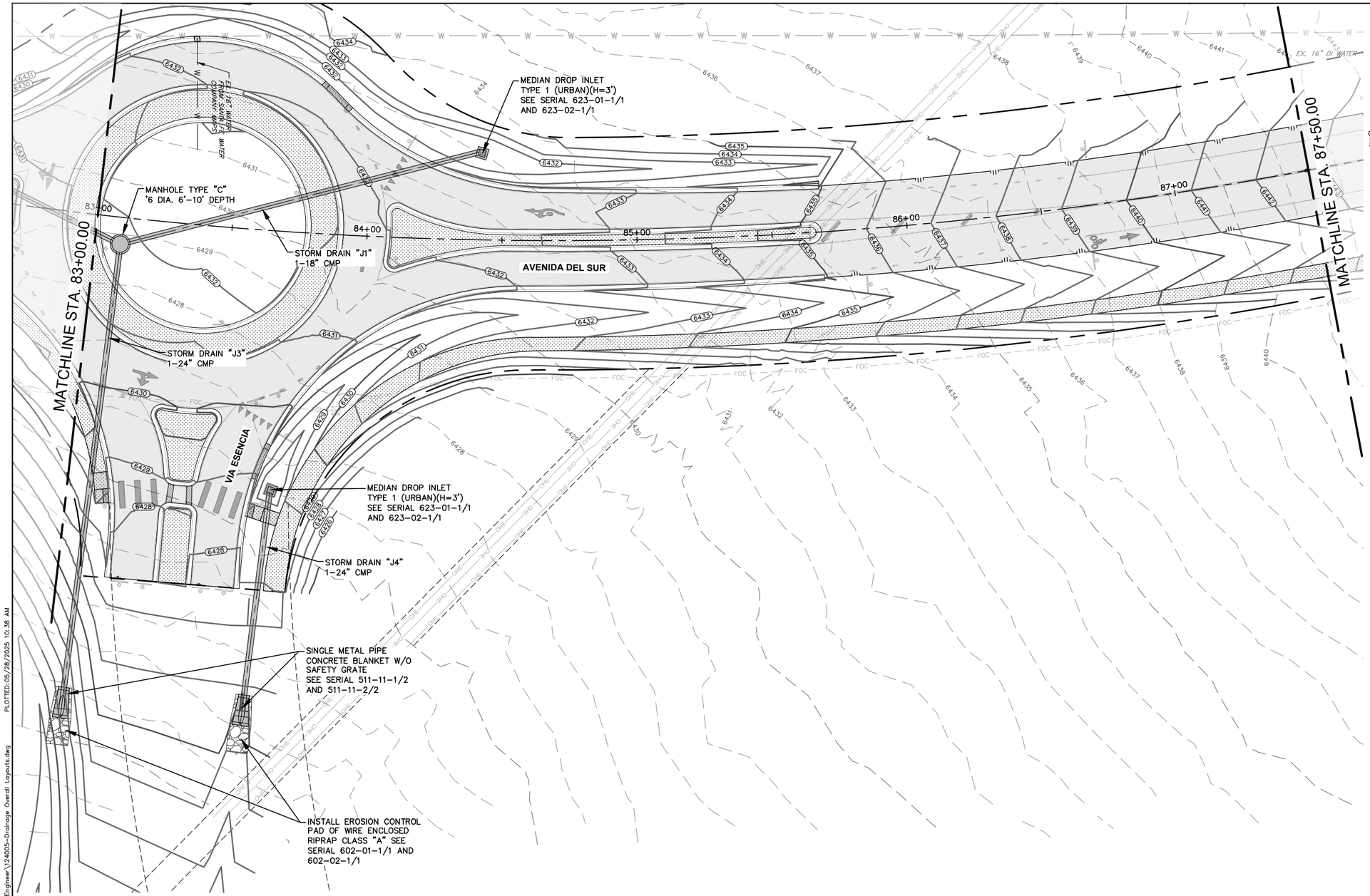
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# DRAINAGE OVERALL LAYOUT

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 114 |

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# AVENIDA DEL SUR

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS
- 12 DRIVEWAY NUMBER
- MB07 MAILBOX NUMBER

ABBREVIATIONS

| | | | |
|---|---|---|---|
| EST | = ESTIMATED QUANTITY | | |
| SPI | = SEPARATE PAY ITEM | | |
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| GRVL | = GRAVEL PAVEMENT | | |
| HMAC | = HOT MIX ASPHALT CONC | | |
| SDWK | = CONCRETE SIDEWALK | | |
| SD | = STORM DRAIN PIPE | | |
| RCP | = REINFORCED CONC PIPE | | |
| SBC | = SINGLE BOX CULVERT | | |
| MBC | = MULTIPLE BOX CULVERT | | |
| INV | = INVERT ELEVATION | | |
| TC | = TOP OF CURB ELEVATION | | |
| GT | = GUTTER ELEVATION | | |
| FL | = FLOWLINE ELEVATION | | |
| CONC | = CONCRETE | DRWY | = DRIVEWAY |
| REM | = REMOVE | TEMP | = TEMPORARY |
| EXIST | = EXISTING | COMM | = COMMERCIAL |
| RT | = RIGHT | SHT | = SHEET |
| LT | = LEFT | PVMT | = PAVEMENT |
| TYP | = TYPICAL | ASPH | = ASPHALT |
| RET. | = RETURN | ESMT | = EASEMENT |
| STA. | = STATION | UNK | = UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10049500

SANTA FE COUNTY

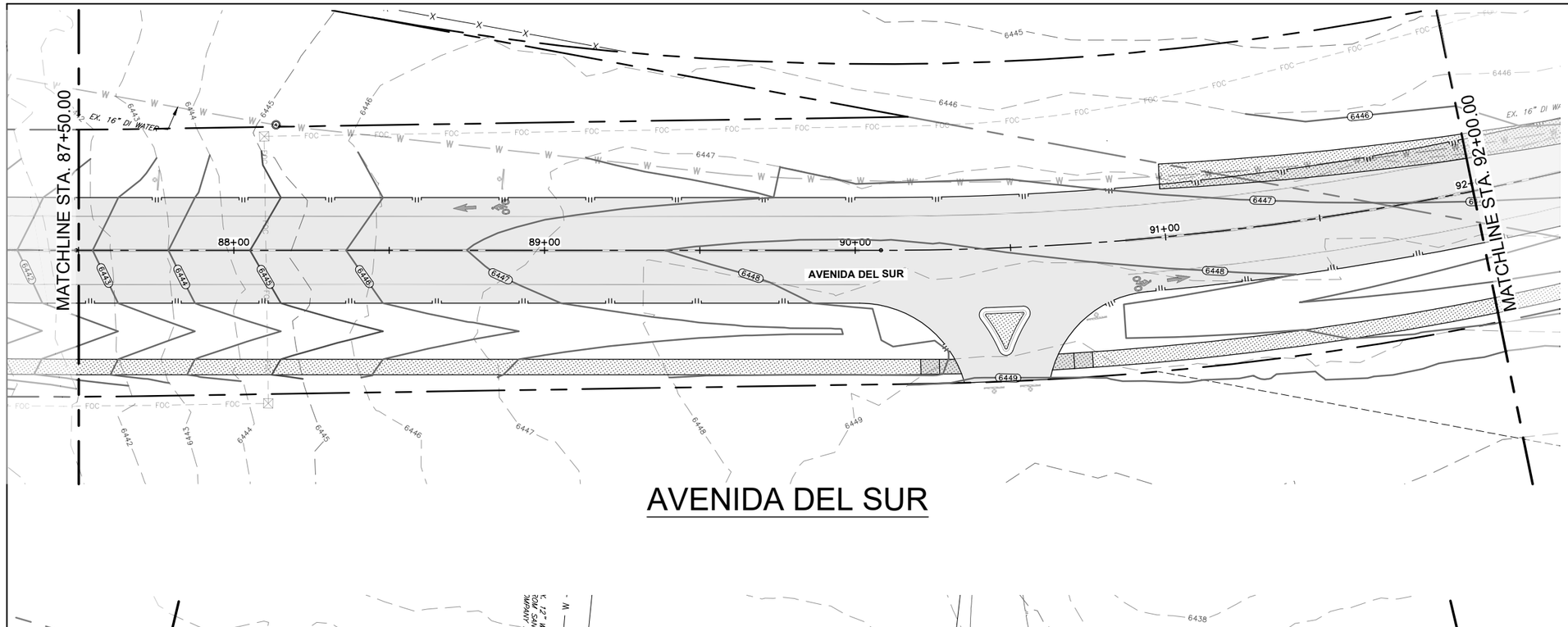
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

DRAINAGE OVERALL LAYOUT

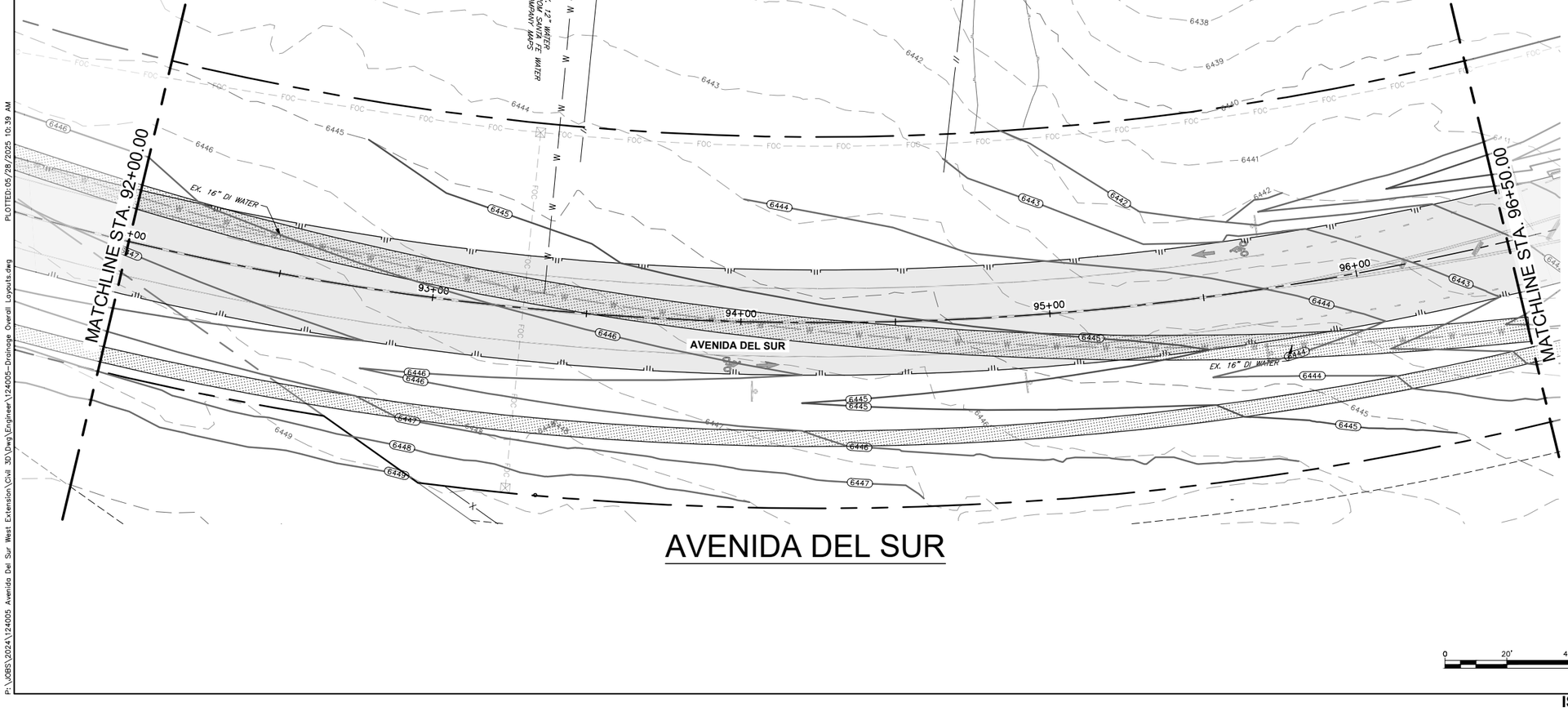
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 115 |

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# AVENIDA DEL SUR




# AVENIDA DEL SUR

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
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- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR
- (TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

0 20' 40'
SCALE IN FEET

ABBREVIATIONS

| | | | | | |
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| EST | = | ESTIMATED QUANTITY | CONC | = | CONCRETE |
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| HMAC | = | HOT MIX ASPHALT CONC | EXIST | = | EXISTING |
| SDWK | = | CONCRETE SIDEWALK | COMM | = | COMMERCIAL |
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| INV | = | INVERT ELEVATION | TYP | = | TYPICAL |
| TC | = | TOP OF CURB ELEVATION | ASPH | = | ASPHALT |
| GT | = | GUTTER ELEVATION | RET. | = | RETURN |
| FL | = | FLOWLINE ELEVATION | ESMT | = | EASEMENT |
| | | | STA. | = | STATION |
| | | | UNK | = | UNKNOWN |

12 DRIVEWAY NUMBER
MB07 MAILBOX NUMBER

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-17313 | TBPLS No. 10048500

SANTA FE COUNTY

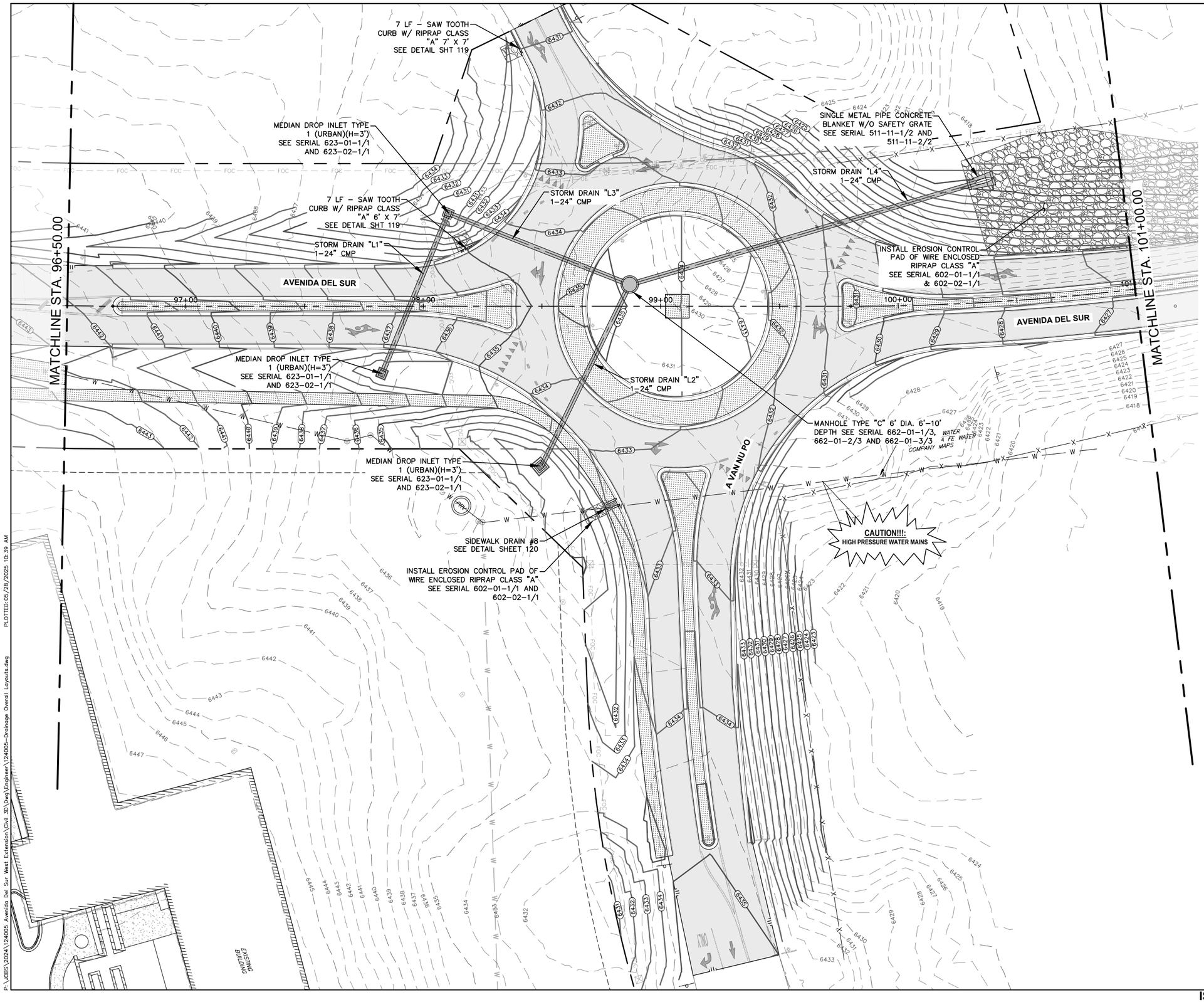
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

DRAINAGE OVERALL LAYOUT

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 116 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
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- 928 — EXISTING CONTOURS
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- CONCRETE PAVEMENT
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- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

12 DRIVEWAY NUMBER

MB07 MAILBOX NUMBER

ABBREVIATIONS

| | | | | | |
|---|---|---|---|---|---|
| EST | = | ESTIMATED QUANTITY | CONC | = | CONCRETE |
| SPI | = | SEPARATE PAY ITEM | REM | = | REMOVE |
| NSPI | = | NO SEPARATE PAY ITEM | EXIST | = | EXISTING |
| GRVL | = | GRAVEL PAVEMENT | RT | = | RIGHT |
| HMAC | = | HOT MIX ASPHALT CONC | LT | = | LEFT |
| SDWK | = | CONCRETE SIDEWALK | TYP | = | TYPICAL |
| SD | = | STORM DRAIN PIPE | RET. | = | RETURN |
| RCP | = | REINFORCED CONC PIPE | STA. | = | STATION |
| SBC | = | SINGLE BOX CULVERT | DRWY | = | DRIVEWAY |
| MBC | = | MULTIPLE BOX CULVERT | TEMP | = | TEMPORARY |
| INV | = | INVERT ELEVATION | COMM | = | COMMERCIAL |
| TC | = | TOP OF CURB ELEVATION | SHT | = | SHEET |
| GT | = | GUTTER ELEVATION | PVMT | = | PAVEMENT |
| FL | = | FLOWLINE ELEVATION | ASPH | = | ASPHALT |
| | | | ESMT | = | EASEMENT |
| | | | UNK | = | UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

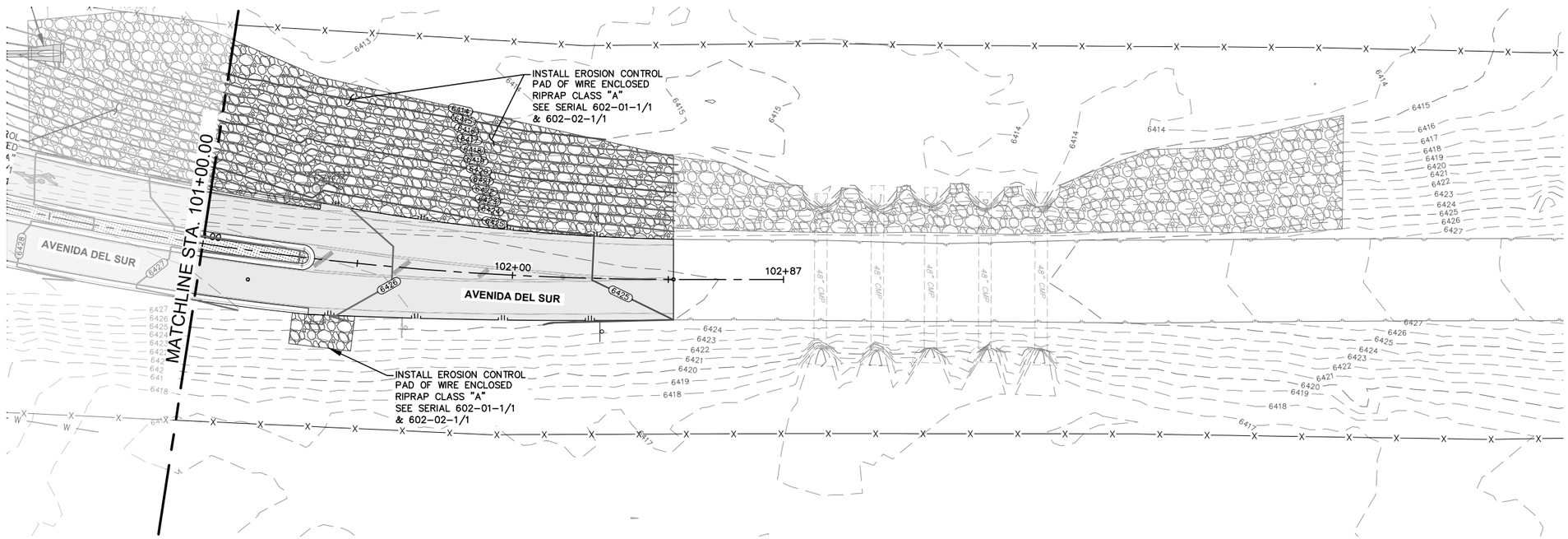
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# DRAINAGE OVERALL LAYOUT

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 117 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drainage Overall Layouts.dwg PLOTTED: 05/28/2025 10:39 AM




# AVENIDA DEL SUR

0 20' 40'
SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

(TRAFFIC) (DRAINAGE) FLOW DIRECTION ARROWS

12 DRIVEWAY NUMBER

MB07 MAILBOX NUMBER

ABBREVIATIONS

| | | | | | |
|---|---|---|---|---|---|
| EST | = | ESTIMATED QUANTITY | CONC | = | CONCRETE |
| SPI | = | SEPARATE PAY ITEM | REM | = | REMOVE |
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| GT | = | GUTTER ELEVATION | PVMT | = | PAVEMENT |
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| | | | ESMT | = | EASEMENT |
| | | | UNK | = | UNKNOWN |

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

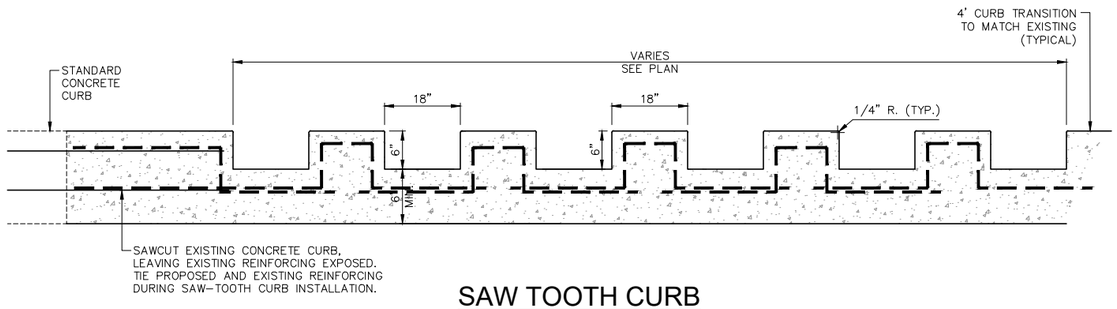
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

DRAINAGE OVERALL LAYOUT

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 118 |

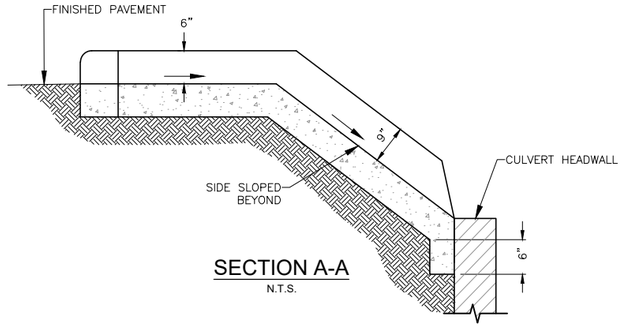
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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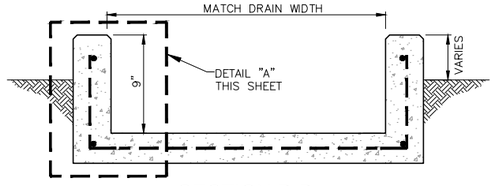

## SAW TOOTH CURB SECTION

N.T.S.



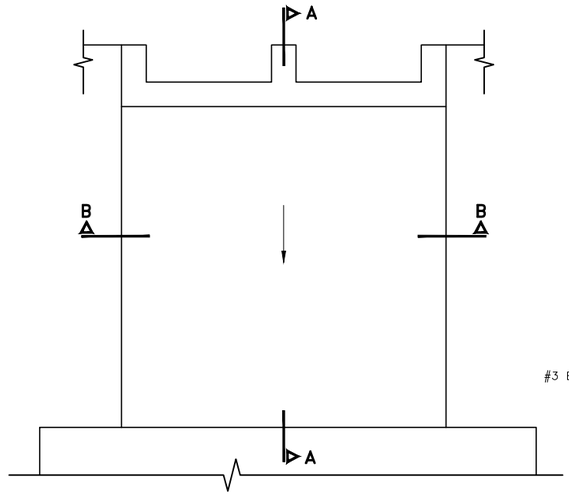

## SECTION A-A

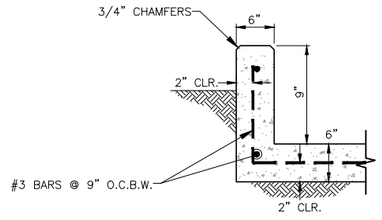
N.T.S.




## SECTION B-B

N.T.S.




## DETAIL "A"

N.T.S.

## CULVERT HEADWALL DRAIN SLOPE PROTECTION DETAILS

N.T.S.

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10019500

SANTA FE COUNTY

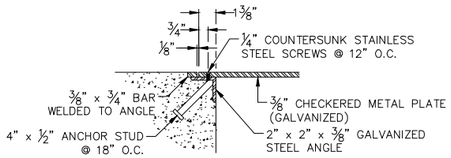
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

MISC. DRAINAGE DETAILS I

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 119 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

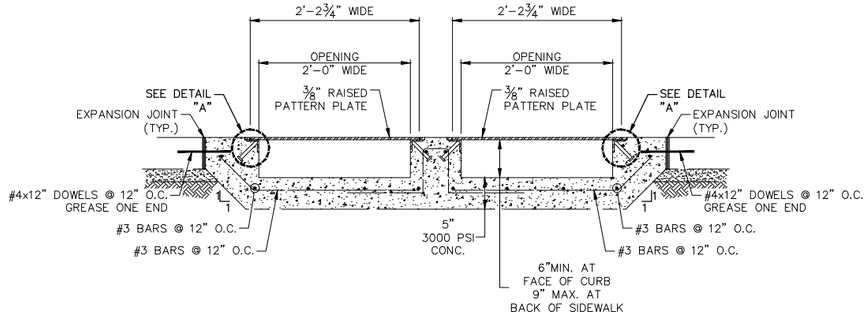
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## DETAIL "A"

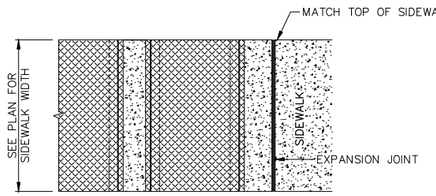
## PARTIAL SECTION

N.T.S.



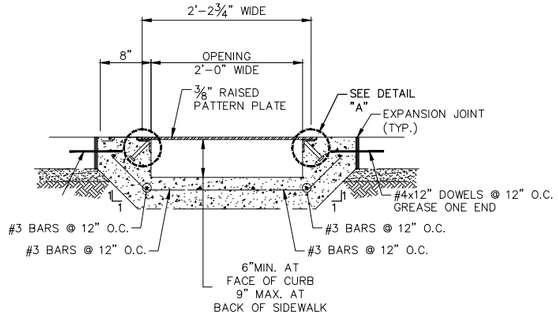

## DOUBLE DRAIN

N.T.S.




## PARTIAL PLAN

N.T.S.




## SINGLE DRAIN

N.T.S.

NOTE:
PATTERN PLATE & ALL EXPOSED METAL TO BE CLEANED, PRIMED & PAINTED SILVER IN ACCORDANCE WITH ARCHITECTURAL SPECIFICATIONS FOR PAINTING EXTERIOR METAL.

# SIDEWALK DRAIN DETAILS

N.T.S.




| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

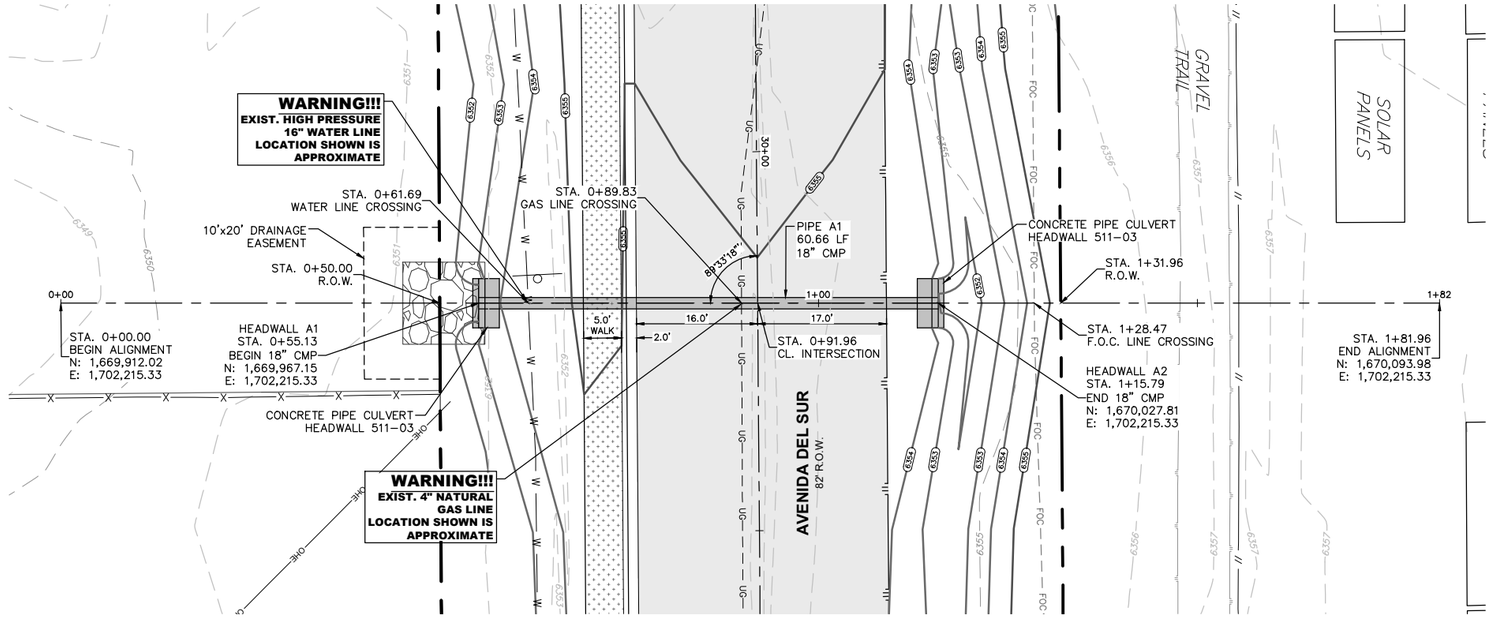
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

MISC. DRAINAGE DETAILS II

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 120 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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**TRENCH EXCAVATION SAFETY PROTECTION**

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEM, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

**EXISTING UTILITY INFORMATION**

THE LOCATION OF UTILITIES, EITHER UNDERGROUND OR OVERHEAD, ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND DEPTH(IF UNDERGROUND) OF ALL UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION.

BOTH PRIVATE AND PUBLIC UTILITIES EXIST THROUGHOUT THE PROJECT SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES AND THE OWNER PRIOR TO CONSTRUCTION. UTILITIES IN CONFLICT WITH PROPOSED STREETS, DRAINAGE, UTILITIES, ETC. SHALL BE ADJUSTED, REMOVED AND/OR REALIGNED DURING THE CONSTRUCTION OF THE PROJECT, AS DIRECTED BY THE RESPECTIVE UTILITY COMPANY AND/OR OWNER.

**UTILITY CONSTRUCTION NOTE**

FOR UTILITY CONSTRUCTION, ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS PROJECT SHALL BE APPROVED BY SANTA FE PUBLIC WORKS DEPARTMENT.

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

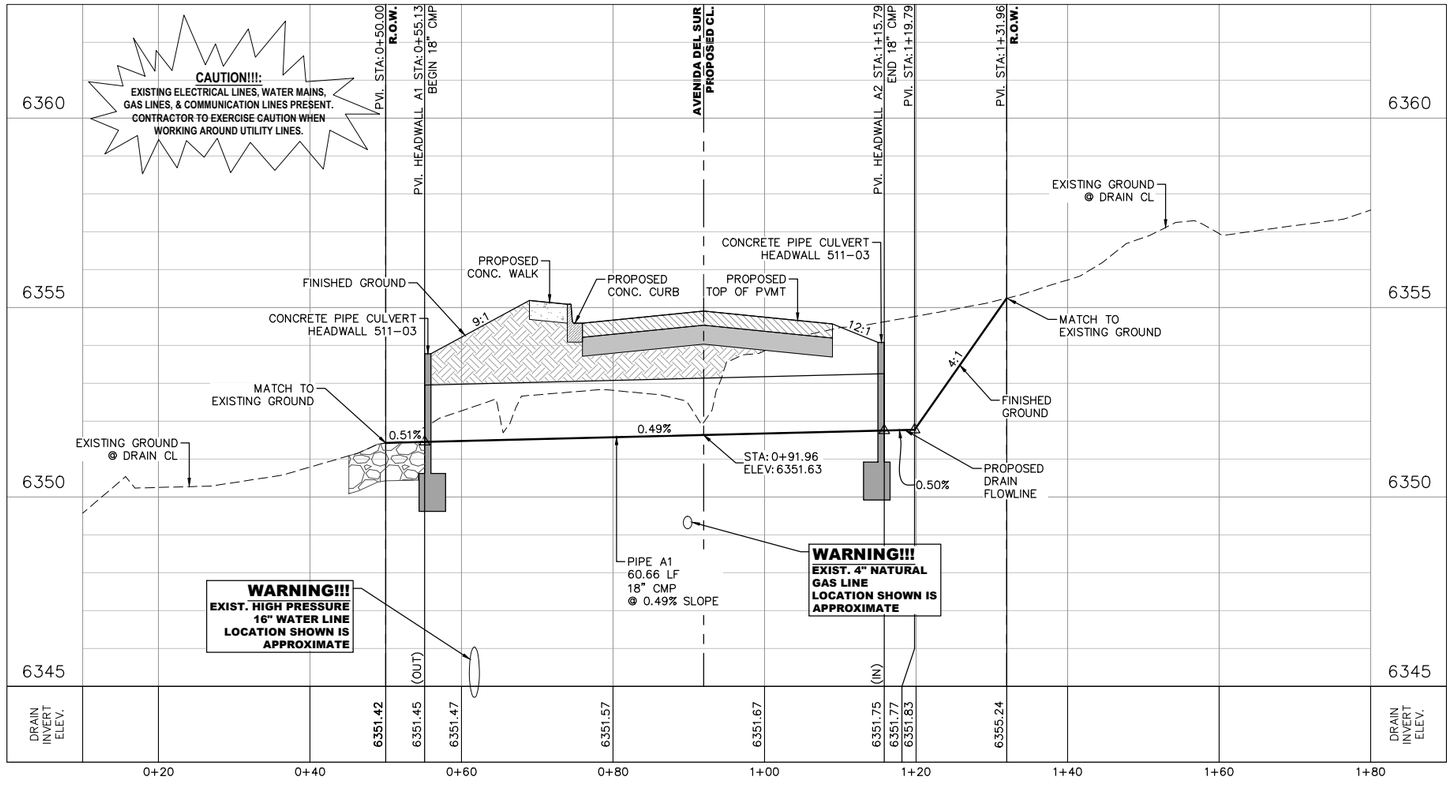
- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

# CULVERT "A"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




**DA - CULVERT "A"**
**AREA = 1.47 ACRES**
**$Q_{50}$ = 4 CFS**
**$Q_{100}$ = 5 CFS**
**$V_{50}$ = 4.41 FPS**
**$HW_{100}$ = 6353.28**

**NMDOT STANDARD DRAWINGS:**
**511-03-1/2 ; 511-03-2/2 ; 602-01-1/1 ; 602-02-1/1**

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

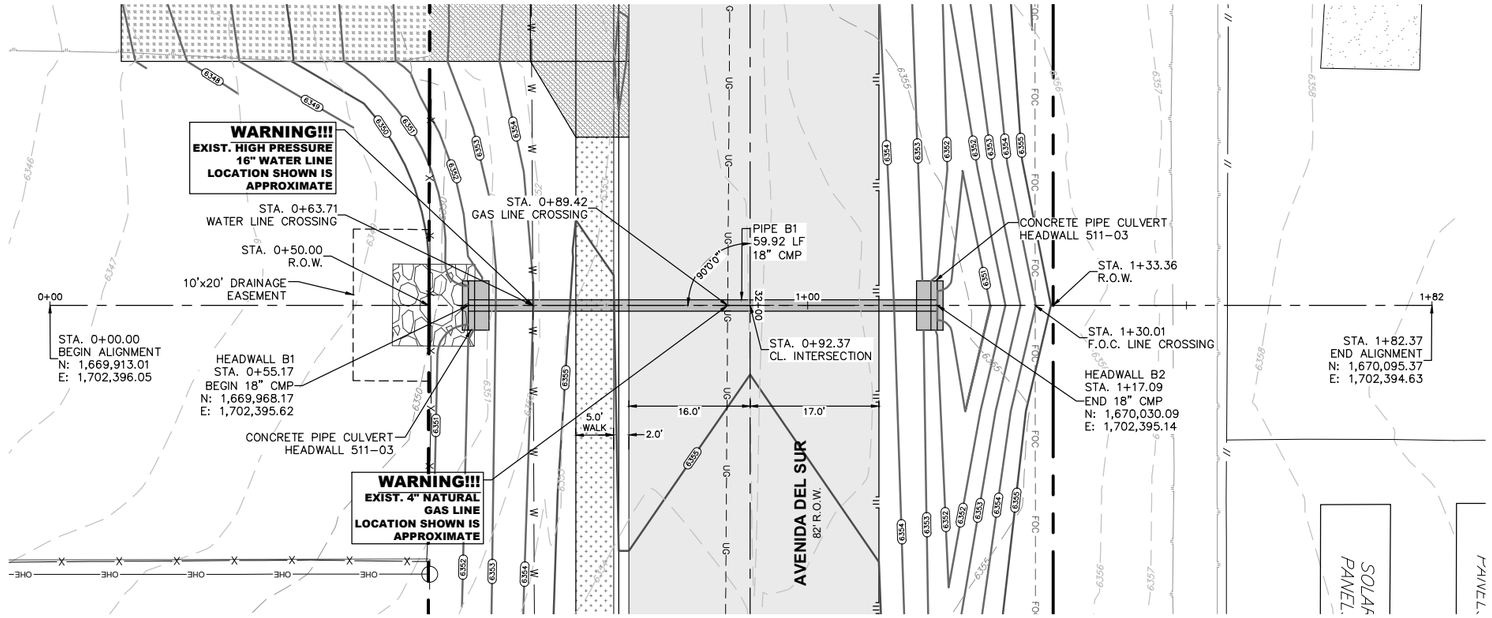
**SANTA FE COUNTY PUBLIC WORKS**
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## CULVERT A
## PLAN AND PLOT

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 121 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:22 AM




N

0 10' 20'

SCALE IN FEET

**TRENCH EXCAVATION SAFETY PROTECTION**

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEM, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

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THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION.

BOTH PRIVATE AND PUBLIC UTILITIES EXIST THROUGHOUT THE PROJECT SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES AND THE OWNER PRIOR TO CONSTRUCTION. UTILITIES IN CONFLICT WITH PROPOSED STREETS, DRAINAGE, UTILITIES, ETC. SHALL BE ADJUSTED, REMOVED AND/OR REALIGNED DURING THE CONSTRUCTION OF THE PROJECT, AS DIRECTED BY THE RESPECTIVE UTILITY COMPANY AND/OR OWNER.

**UTILITY CONSTRUCTION NOTE**

FOR UTILITY CONSTRUCTION, ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS PROJECT SHALL BE APPROVED BY SANTA FE PUBLIC WORKS DEPARTMENT.

## LEGEND

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- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
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- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

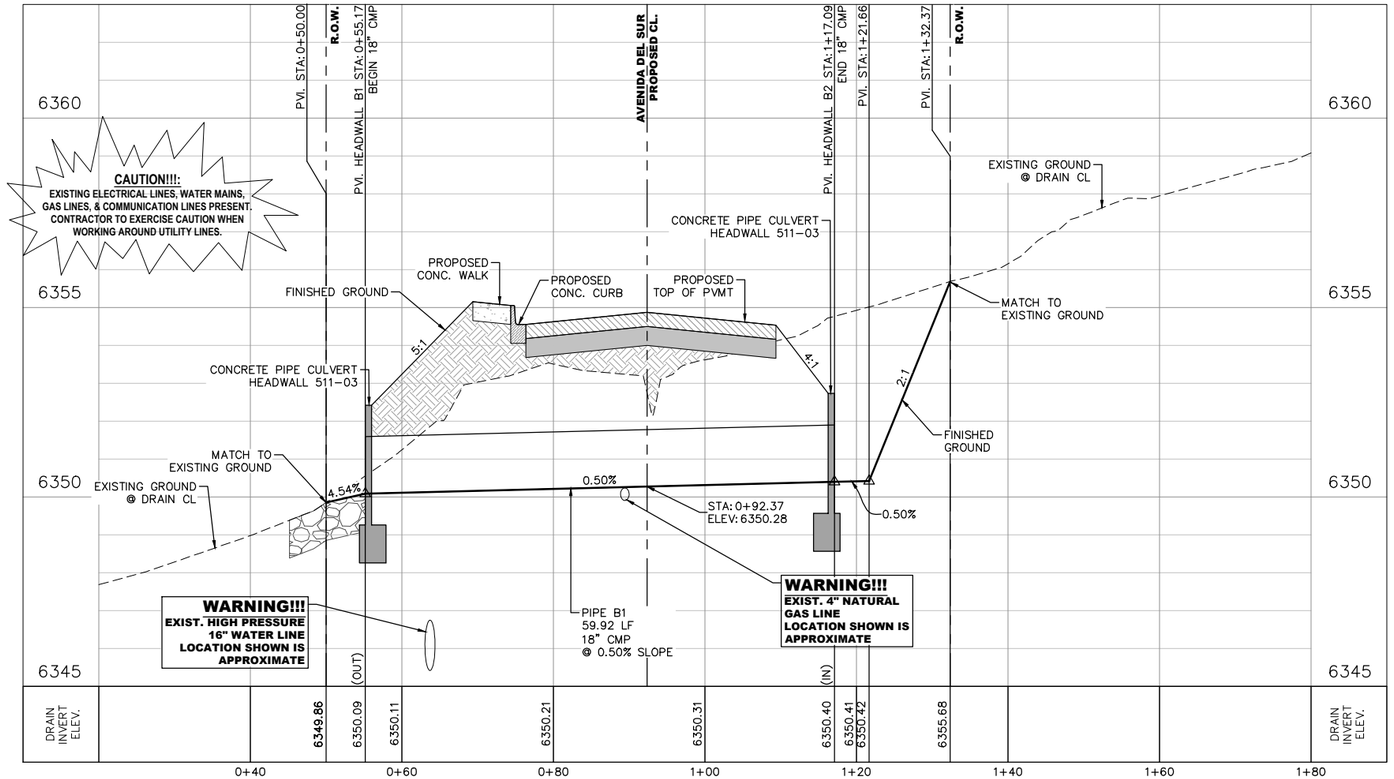
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- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
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- RETAINING WALL
- 930 — FINISHED CONTOUR

# CULVERT "B"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




**DA - CULVERT "B"**
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**$Q_{50}$ = 4 CFS**
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**NMDOT STANDARD DRAWINGS:**
**511-03-1/2 ; 511-03-2/2 ; 602-01-1/1 ; 602-02-1/1**

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10049500

SANTA FE COUNTY

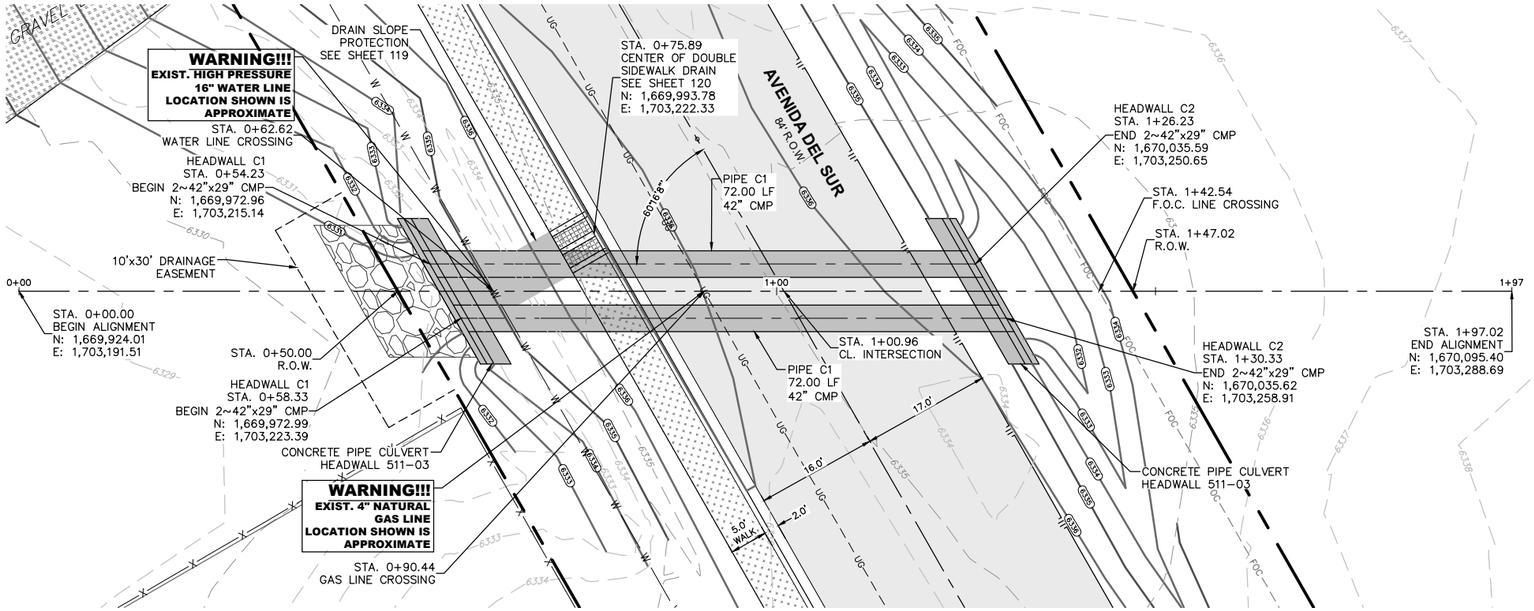
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

CULVERT B
PLAN AND PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 122 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:22 AM




**TRENCH EXCAVATION SAFETY PROTECTION**

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEM, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

**EXISTING UTILITY INFORMATION**

THE LOCATION OF UTILITIES, EITHER UNDERGROUND OR OVERHEAD, ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND DEPTH(IF UNDERGROUND) OF ALL UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION.

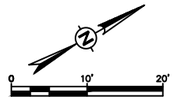
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**UTILITY CONSTRUCTION NOTE**

FOR UTILITY CONSTRUCTION, ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS PROJECT SHALL BE APPROVED BY SANTA FE PUBLIC WORKS DEPARTMENT.

**NOTES:**

1. DRAIN SLOPE PROTECTION TO BE SUBSIDIZED TO CULVERT PIPE END SECTION HEADWALL NO SEPARATE PAY ITEM.



SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

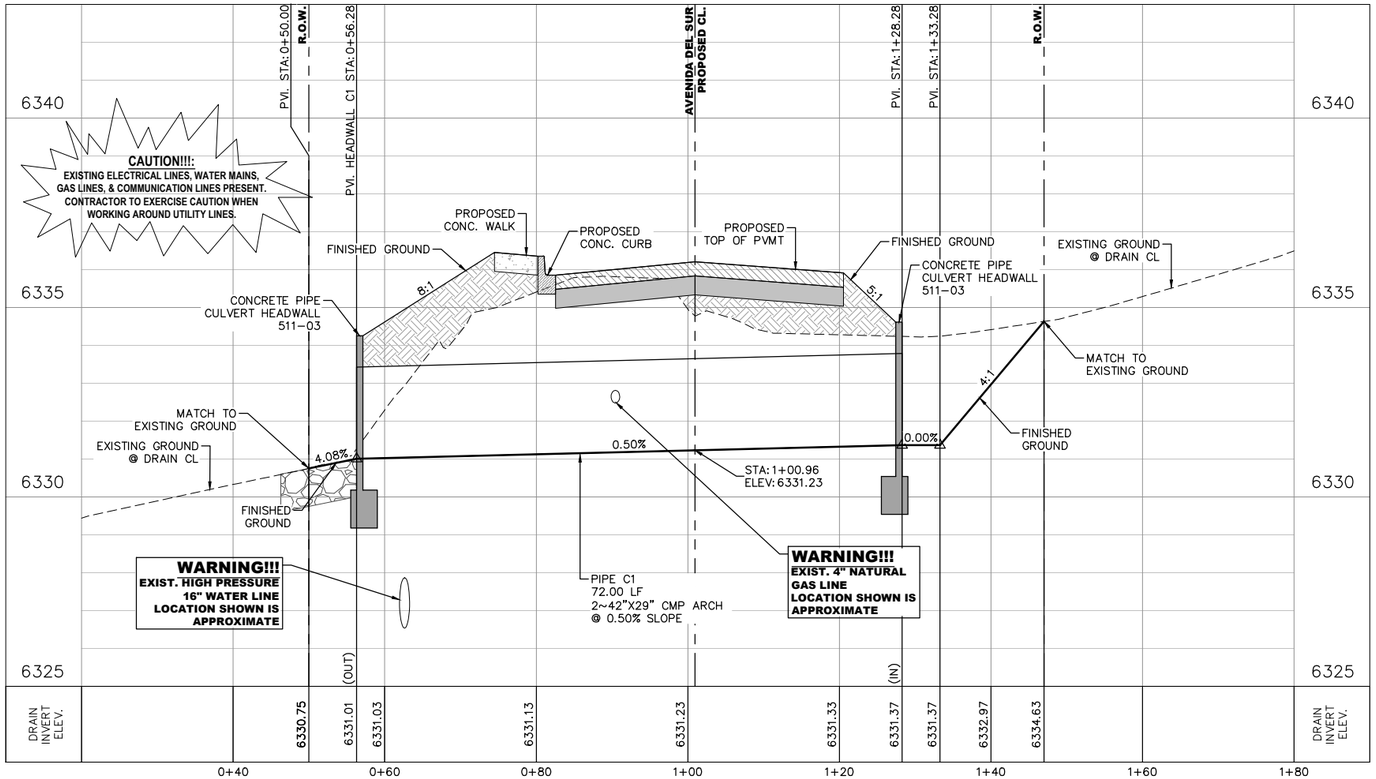
- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

# CULVERT "C"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




**DA - CULVERT "C"**
**AREA = 14.35 ACRES**
**$Q_{50}$ = 40 CFS**
**$Q_{100}$ = 45 CFS**
**$V_{50}$ = 5.72 FPS**
**$HW_{100}$ = 6.333.48**

**NMDOT STANDARD DRAWINGS:**
**511-04-1/2 ; 511-04-2/2**

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

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nm811 Know what's below. Call before you dig.

| REV NO. | DATE | DESCRIPTION | BY |
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CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

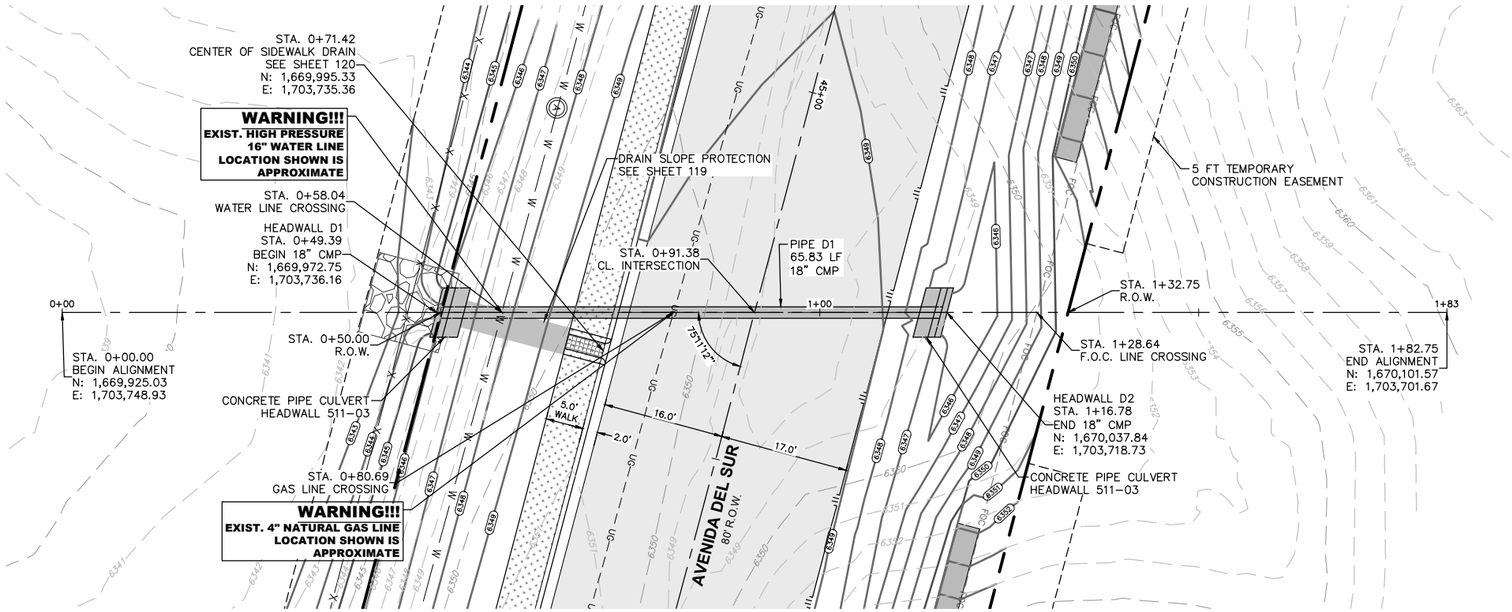
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

CULVERT C
PLAN AND PROFILE

| | | |
|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR |
| | | SHEET NO. 123 |

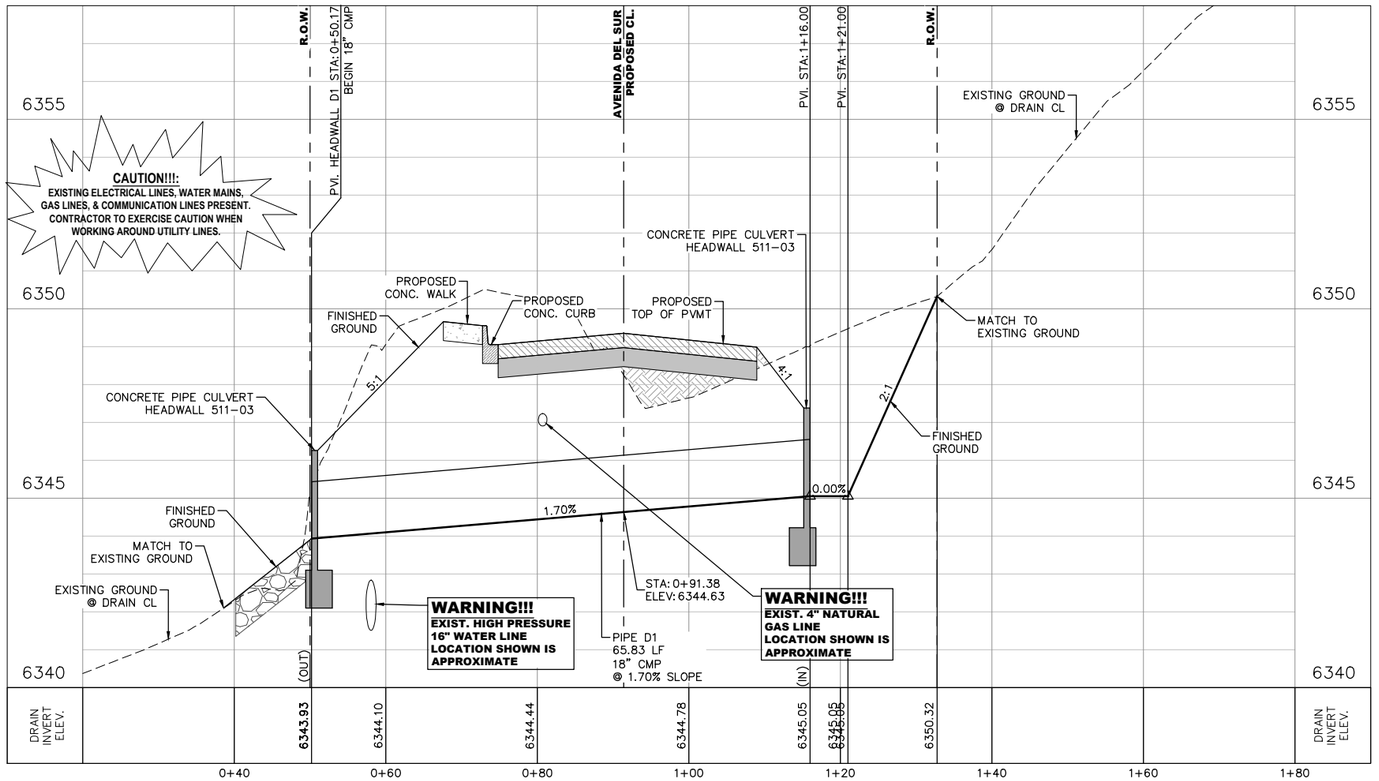
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:23 AM




# CULVERT "D"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




**TRENCH EXCAVATION SAFETY PROTECTION**

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**NOTES:**

1. DRAIN SLOPE PROTECTION TO BE SUBSIDIZED TO CULVERT PIPE END SECTION HEADWALL NO SEPARATE PAY ITEM.

N
0 10' 20'
SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

**DA - CULVERT "D"**
**AREA = 0.81 ACRES**
**$Q_{50}$ = 1 CFS**
**$Q_{100}$ = 1 CFS**
**$V_{50}$ = 2.93 FPS**
**$HW_{100}$ = 6345.88**

**NMDOT STANDARD DRAWINGS:**
**511-03-1/2 ; 511-03-2/2 ; 602-01-1/1 ; 602-02-1/1**

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

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nm811 Know what's below. Call before you dig.

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CDSmuery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10049500

SANTA FE COUNTY

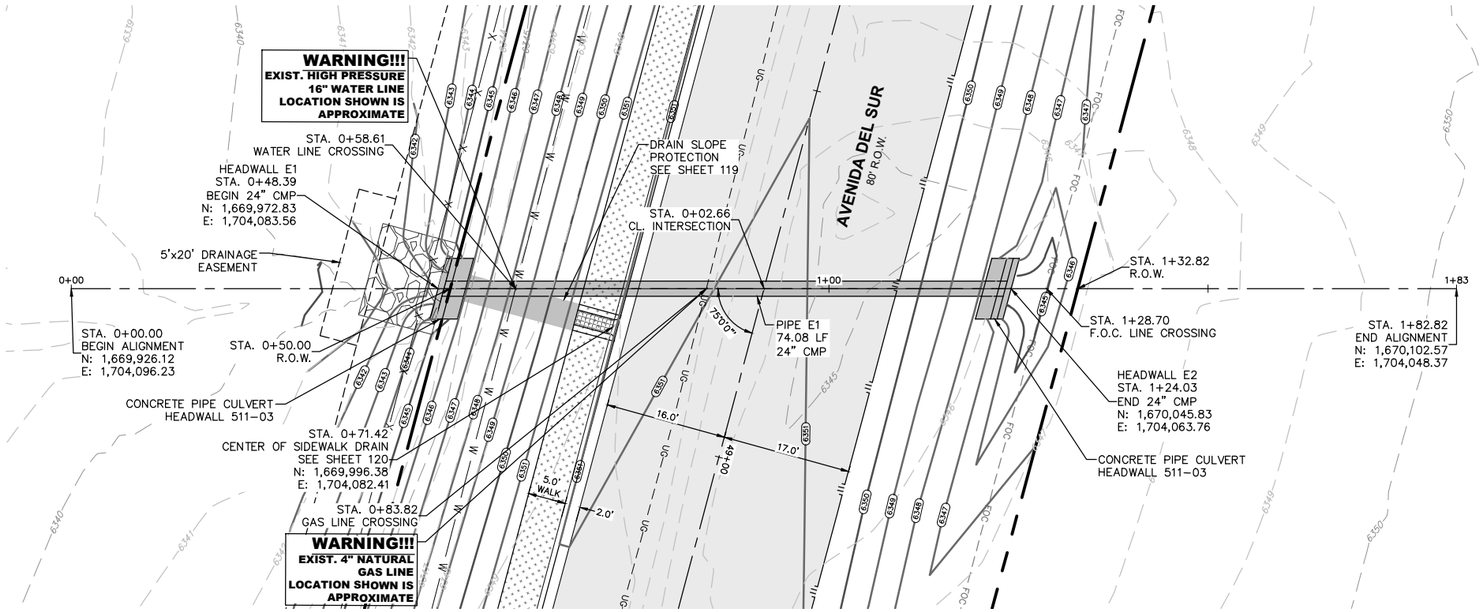
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

CULVERT D
PLAN AND PROFILE

| | | |
|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 124 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:23 AM




**TRENCH EXCAVATION SAFETY PROTECTION**

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**UTILITY CONSTRUCTION NOTE**

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**NOTES:**

1. DRAIN SLOPE PROTECTION TO BE SUBSIDIZED TO CULVERT PIPE END SECTION HEADWALL NO SEPARATE PAY ITEM.

SCALE: 1" = 20' IN FEET (0, 20')

EXISTING LEGEND

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

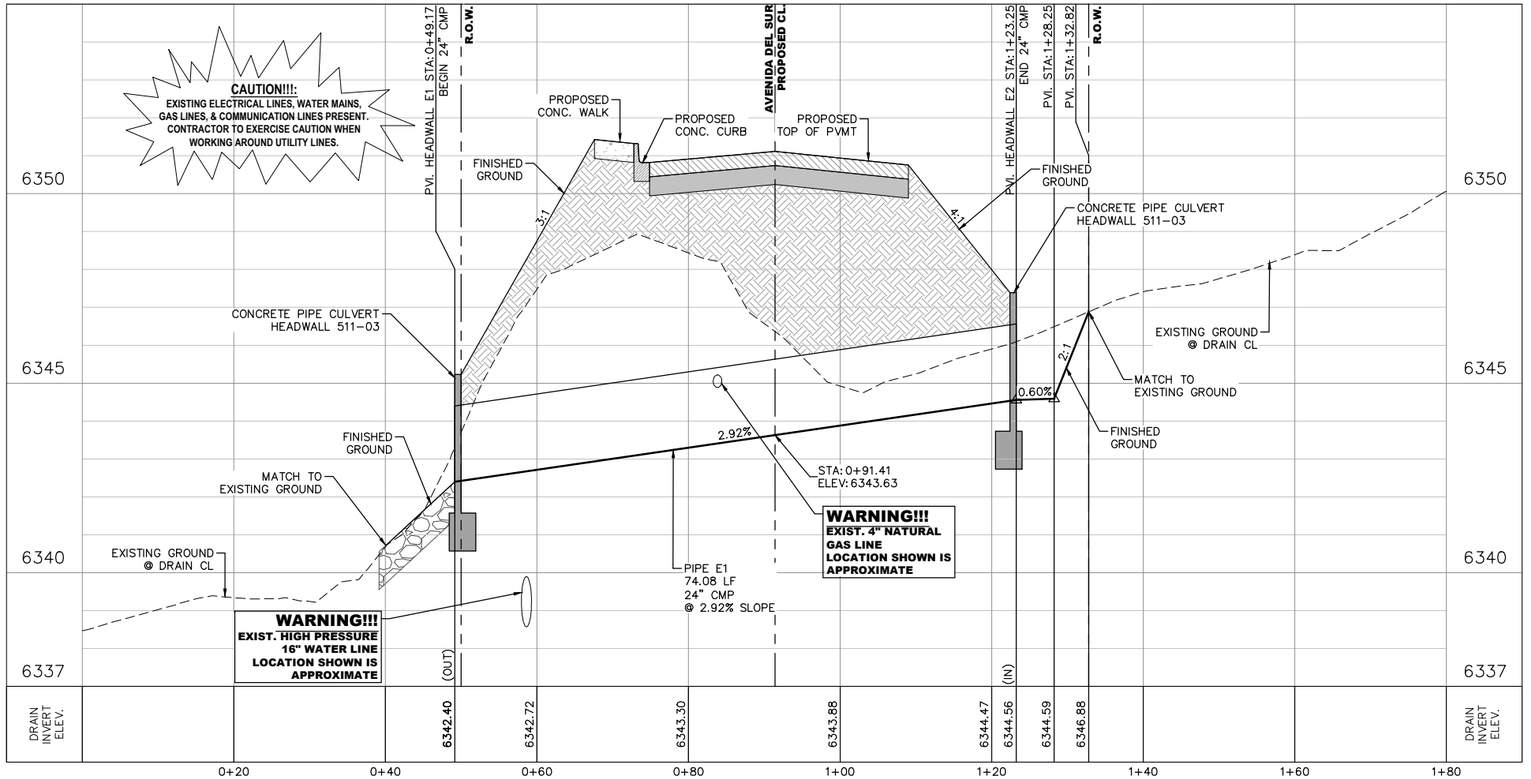
- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

# CULVERT "E"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




**DA - CULVERT "E"**
**AREA = 4.08 ACRES**
**$Q_{50}$ = 7 CFS**
**$Q_{100}$ = 7 CFS**
**$V_{50}$ = 6.00 FPS**
**$HW_{100}$ = 6346.04**

**NMDOT STANDARD DRAWINGS:**
**511-03-1/2 ; 511-03-2/2 ; 602-01-1/1 ; 602-02-1/1**

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

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nm811 Know what's below. Call before you dig.

| REV NO. | DATE | DESCRIPTION | BY |
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CDS muery ENGINEERS | SURVEYORS — 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

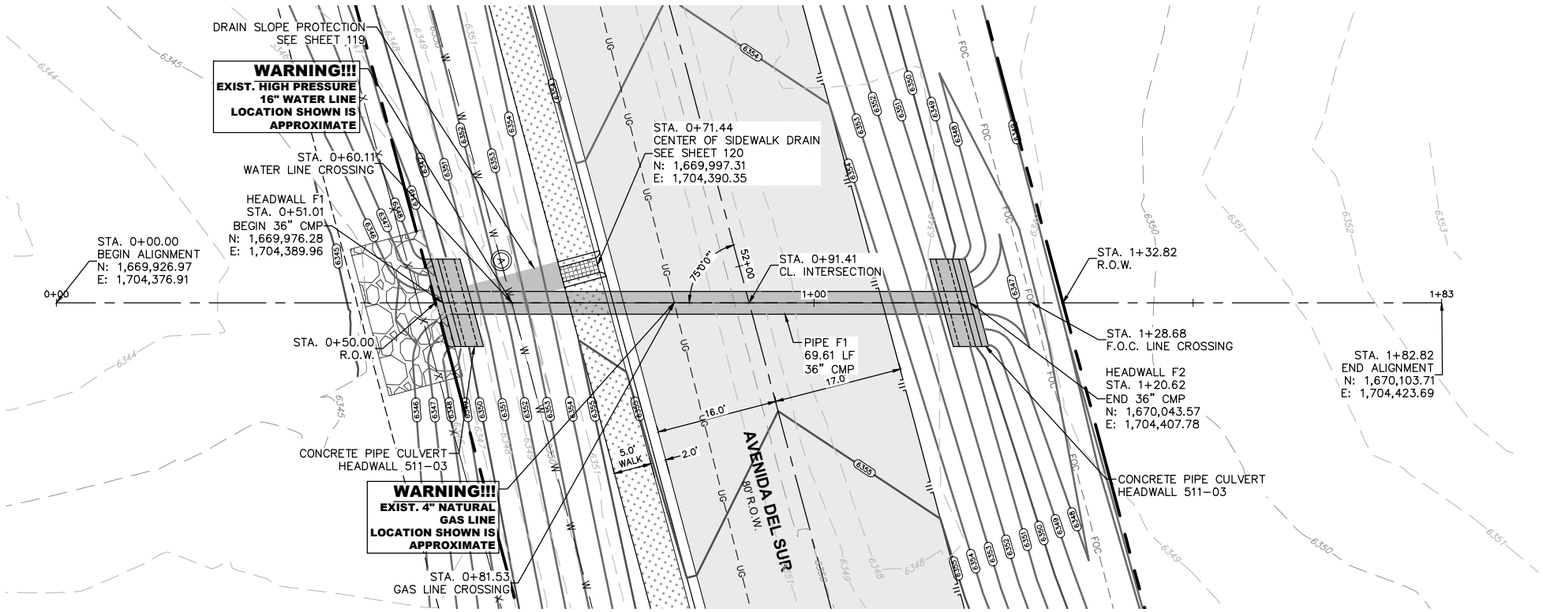
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

CULVERT E
PLAN AND PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 125 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:24 AM




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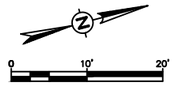
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1. DRAIN SLOPE PROTECTION TO BE SUBSIDIZED TO CULVERT PIPE END SECTION HEADWALL NO SEPARATE PAY ITEM.




## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

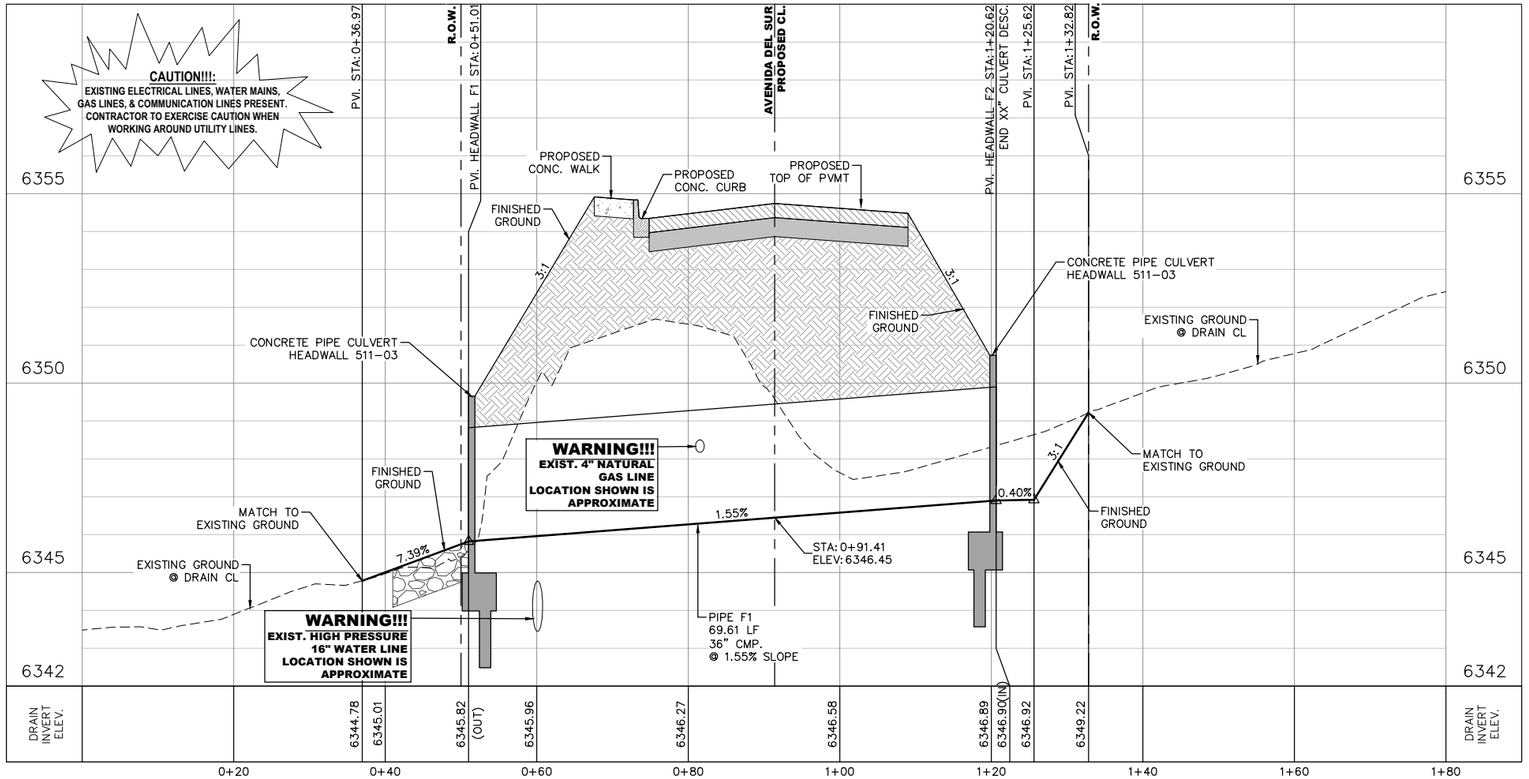
- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

# CULVERT "F"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




**DA - CULVERT "F"**
**AREA = 17.44 ACRES**
**$Q_{50}$ = 28 CFS**
**$Q_{100}$ = 32 CFS**
**$V_{50}$ = 6.72 FPS**
**$HW_{100}$ = 6349.87**

**NMDOT STANDARD DRAWINGS:**
**511-03-1/2 ; 511-03-2/2**




LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

Know what's below. Call before you dig.

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

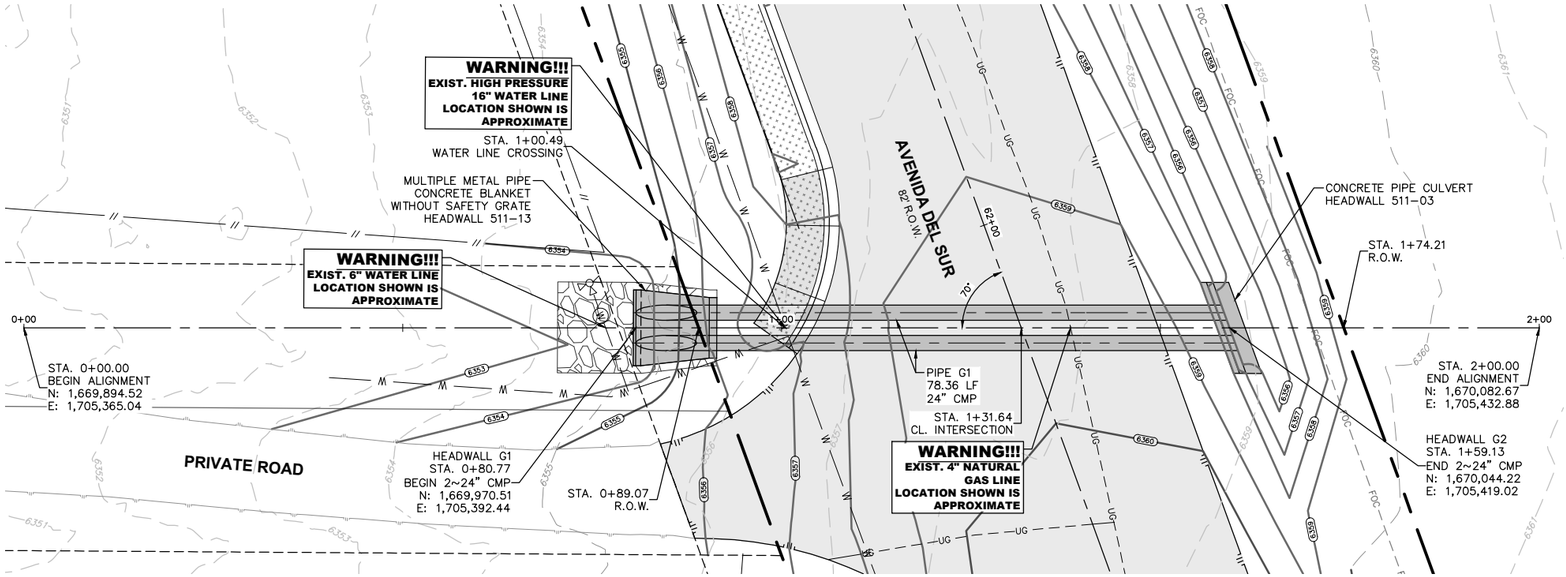
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

CULVERT F
PLAN AND PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 126 |

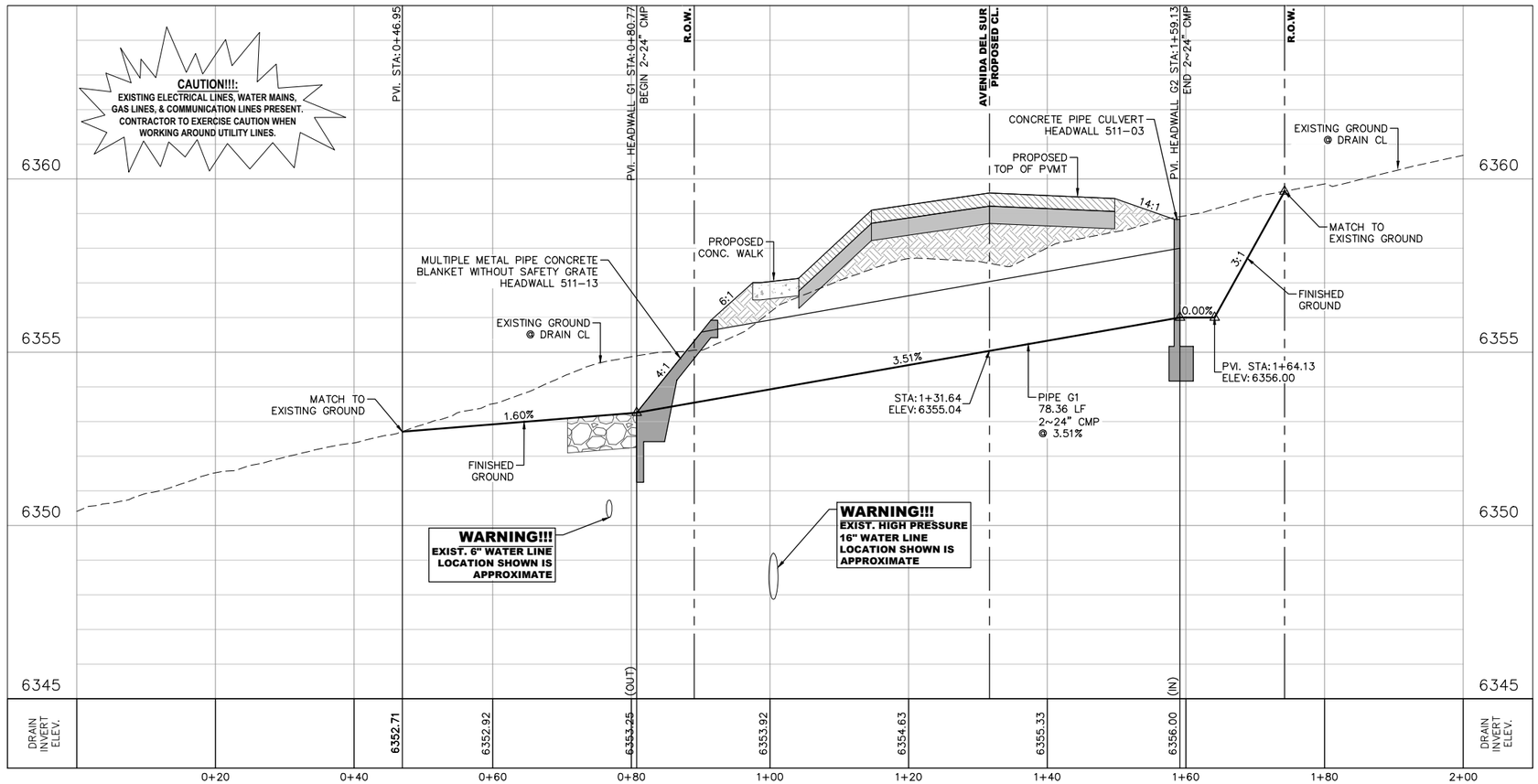
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:25 AM




# CULVERT "G"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




**TRENCH EXCAVATION SAFETY PROTECTION**

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEM, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

**EXISTING UTILITY INFORMATION**

THE LOCATION OF UTILITIES, EITHER UNDERGROUND OR OVERHEAD, ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND DEPTH(IF UNDERGROUND) OF ALL UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION.

BOTH PRIVATE AND PUBLIC UTILITIES EXIST THROUGHOUT THE PROJECT SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES AND THE OWNER PRIOR TO CONSTRUCTION. UTILITIES IN CONFLICT WITH PROPOSED STREETS, DRAINAGE, UTILITIES, ETC. SHALL BE ADJUSTED, REMOVED AND/OR REALIGNED DURING THE CONSTRUCTION OF THE PROJECT, AS DIRECTED BY THE RESPECTIVE UTILITY COMPANY AND/OR OWNER.

**UTILITY CONSTRUCTION NOTE**

FOR UTILITY CONSTRUCTION, ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS PROJECT SHALL BE APPROVED BY SANTA FE PUBLIC WORKS DEPARTMENT.

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
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- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- WIRE FENCE
- WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

0 10' 20'
SCALE IN FEET

**DA - CULVERT "G"**
**AREA = 18.34 ACRES**
**$Q_{50}$ = 30 CFS**
**$Q_{100}$ = 34 CFS**
**$V_{50}$ = 10.08 FPS**
**$HW_{100}$ = 6357.56**

**NMDOT STANDARD DRAWINGS:**
**511-03-1/2 ; 511-03-2/2 ; 511-12-1/2 ; 511-12-2/2**

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

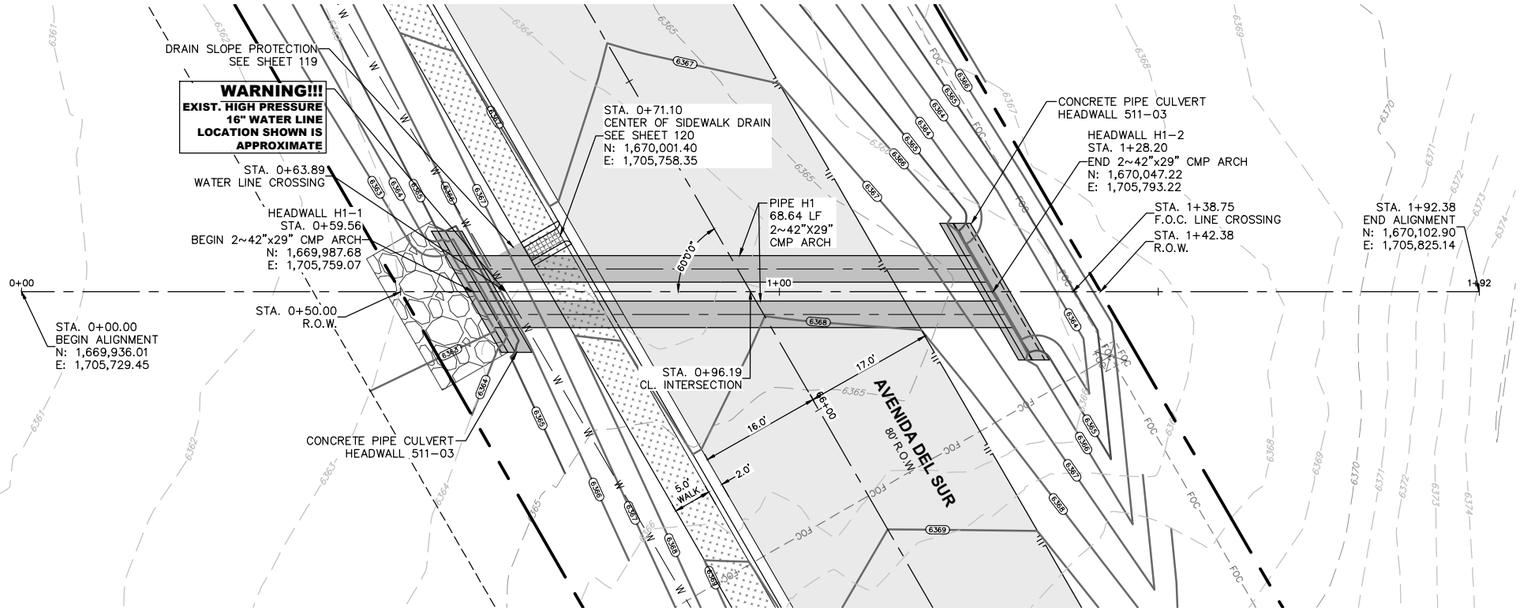
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

CULVERT G
PLAN AND PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 127 |

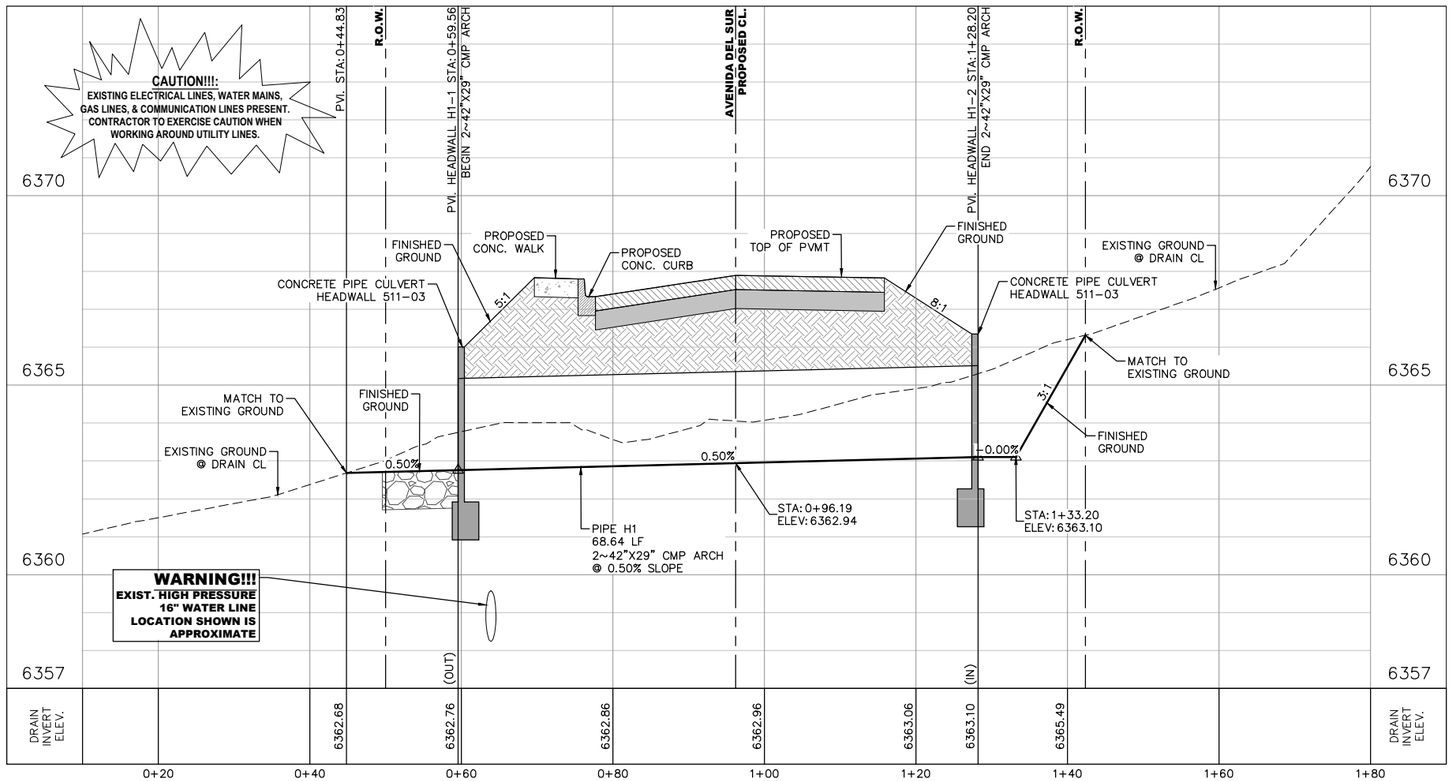
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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# CULVERT "H1"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




**TRENCH EXCAVATION SAFETY PROTECTION**

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEM, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

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**UTILITY CONSTRUCTION NOTE**

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**NOTES:**

1. DRAIN SLOPE PROTECTION TO BE SUBSIDIZED TO CULVERT PIPE END SECTION HEADWALL NO SEPARATE PAY ITEM.

SCALE IN FEET
0 10' 20'

## LEGEND

EXISTING
- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
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- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING
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- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

**DA - CULVERT "H1"**
**AREA = 29.63 ACRES**
**$Q_{50}$ = 48 CFS**
**$Q_{100}$ = 54 CFS**
**$V_{50}$ = 6.13 FPS**
**$HW_{100}$ = 6365.51**

**NMDOT STANDARD DRAWINGS:**
**511-04-1/2 ; 511-04-2/2**

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

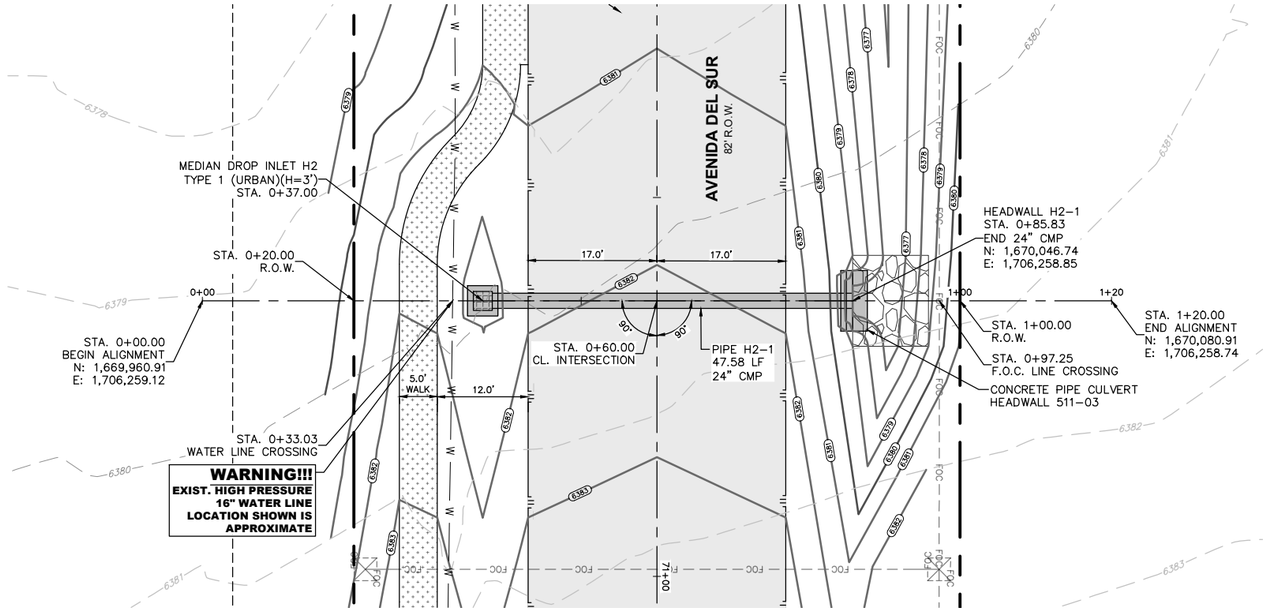
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

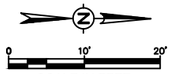
CULVERT H1
PLAN AND PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 128 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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**UTILITY CONSTRUCTION NOTE**

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## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
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- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

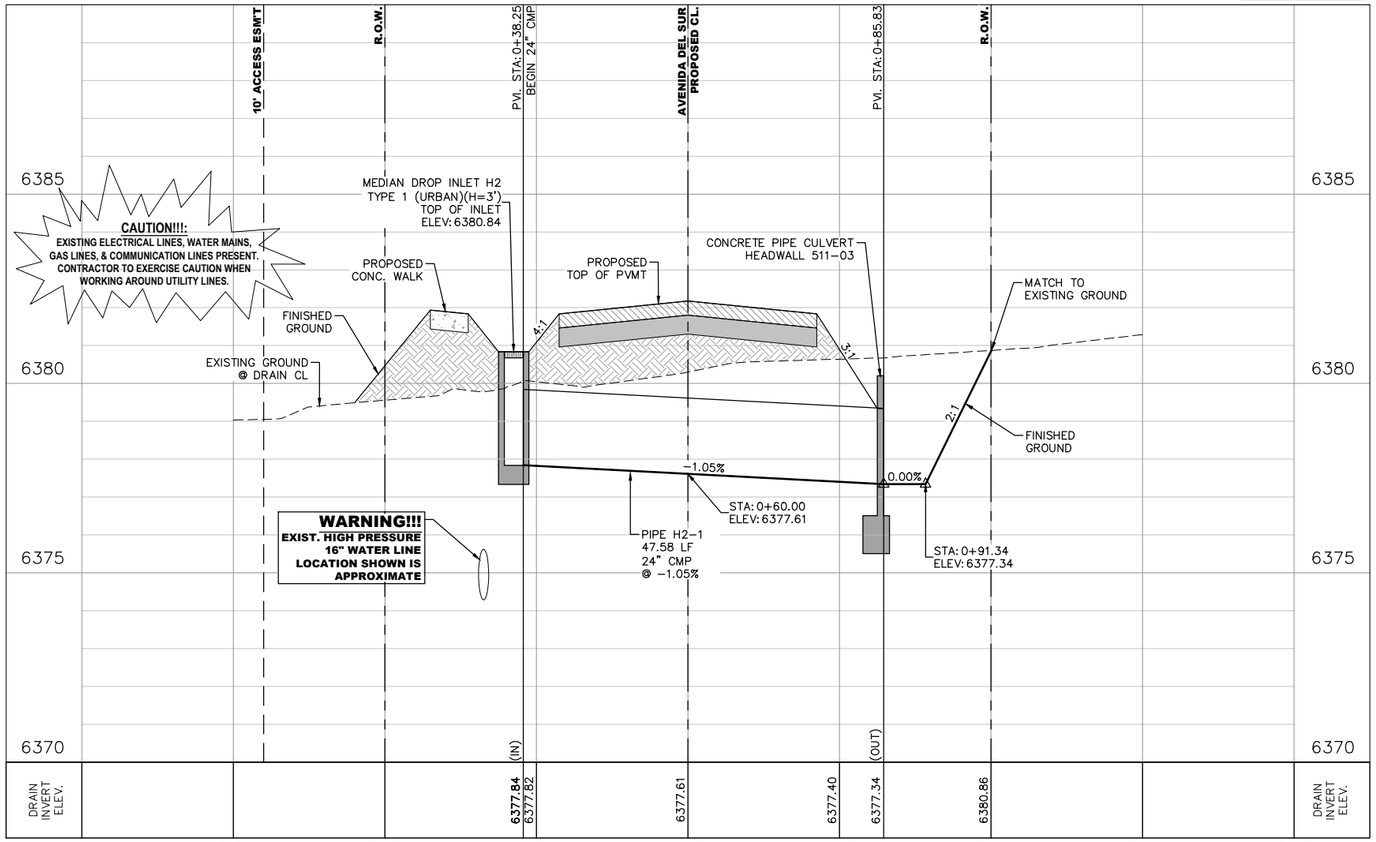
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- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

# CULVERT "H2"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




**DA - CULVERT "H2"**
**AREA = 1.22 ACRES**
**$Q_{50}$ = 4 CFS**
**$Q_{100}$ = 5 CFS**
**$V_{50}$ = 5.52 FPS**
**$HW_{100}$ = 6379.10**

**NMDOT STANDARD DRAWINGS:**
**511-03-1/2 ; 511-03-2/2 ; 623-01-1/1 ; 623-02-1/1 ; 602-01-1/1 ; 602-02-1/1**

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

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nm811 Know what's below. Call before you dig.

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CDS muery ENGINEERS | SURVEYORS
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(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

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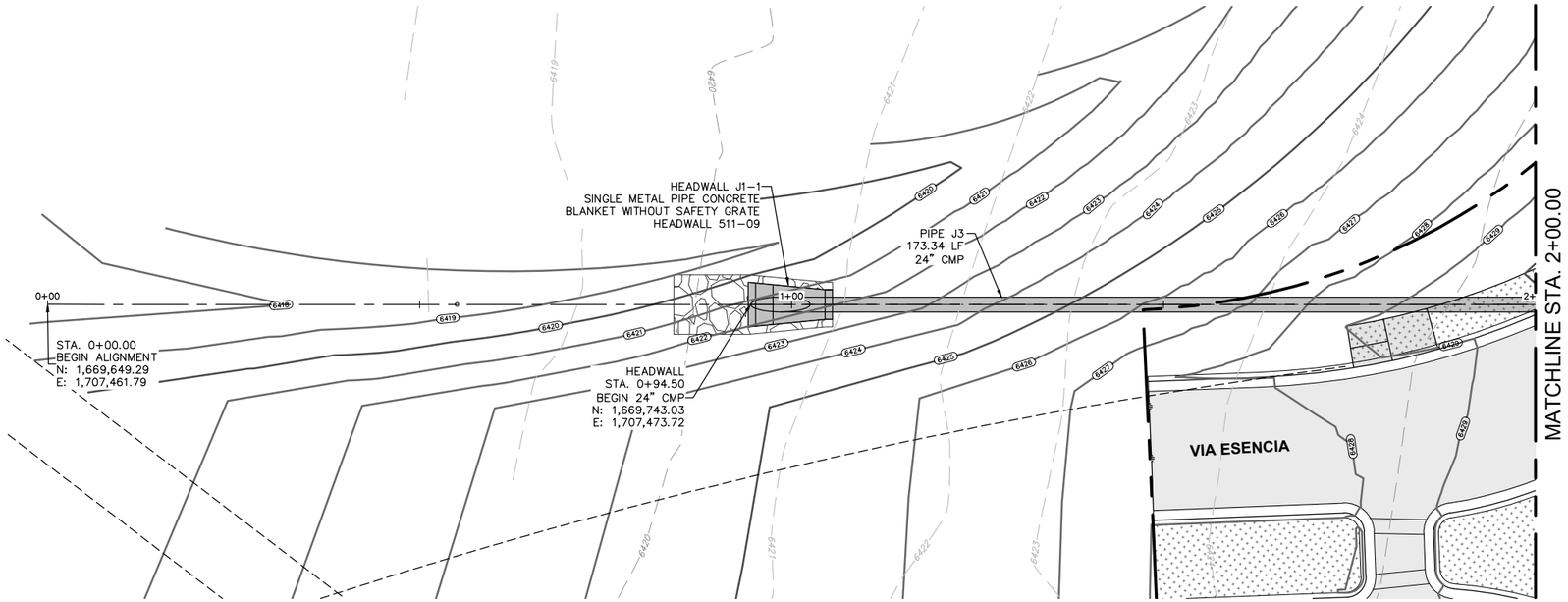
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

CULVERT H2
PLAN AND PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 129 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:_JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:28 AM




**TRENCH EXCAVATION SAFETY PROTECTION**

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEM, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

**EXISTING UTILITY INFORMATION**

THE LOCATION OF UTILITIES, EITHER UNDERGROUND OR OVERHEAD, ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND DEPTH(IF UNDERGROUND) OF ALL UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION.

BOTH PRIVATE AND PUBLIC UTILITIES EXIST THROUGHOUT THE PROJECT SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES AND THE OWNER PRIOR TO CONSTRUCTION. UTILITIES IN CONFLICT WITH PROPOSED STREETS, DRAINAGE, UTILITIES, ETC. SHALL BE ADJUSTED, REMOVED AND/OR REALIGNED DURING THE CONSTRUCTION OF THE PROJECT, AS DIRECTED BY THE RESPECTIVE UTILITY COMPANY AND/OR OWNER.

**UTILITY CONSTRUCTION NOTE**

FOR UTILITY CONSTRUCTION, ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS PROJECT SHALL BE APPROVED BY SANTA FE PUBLIC WORKS DEPARTMENT.

0 10' 20'
SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

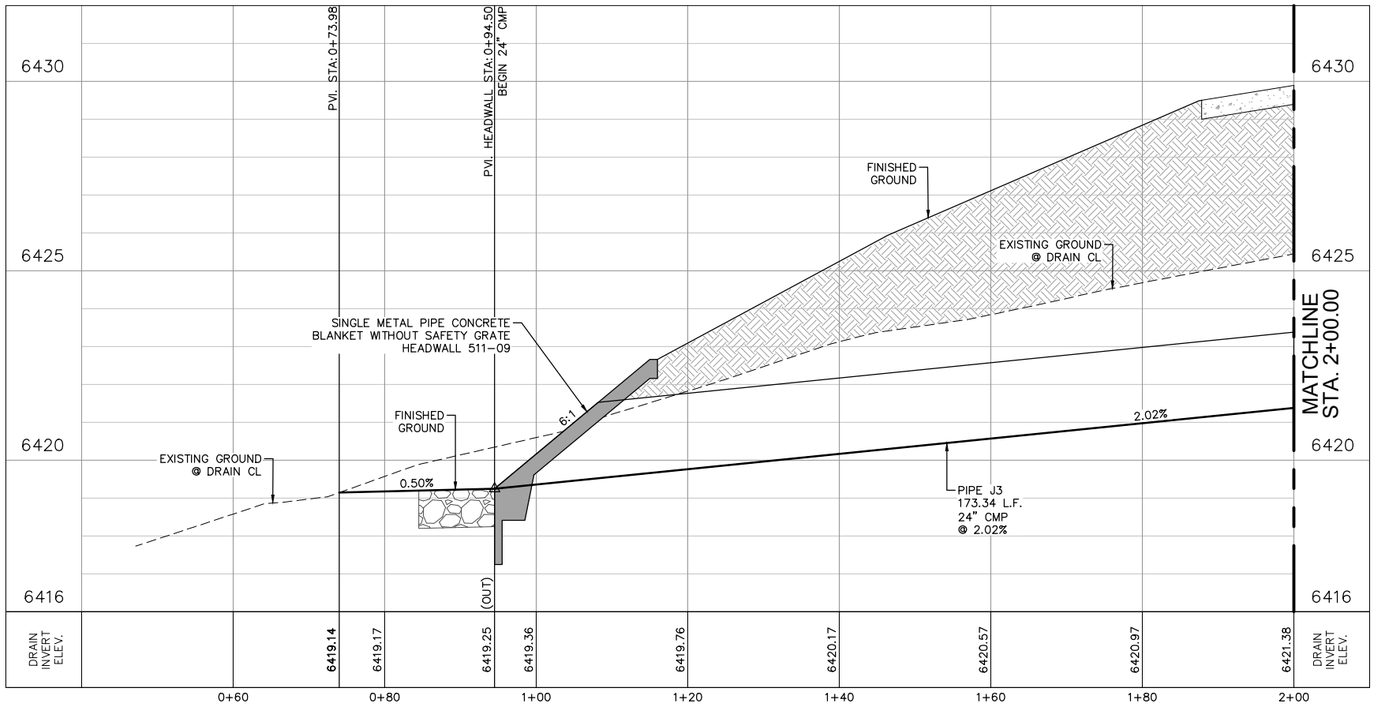
- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
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- GAS — UNDERGROUND GAS LINE
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- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

# STORM DRAIN "J3"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




**DA - CULVERT "J1"**
**AREA = 1.21 ACRES**
**$Q_{50}$ = 2 CFS**
**$Q_{100}$ = 3 CFS**
**$V_{50}$ = N / A**
**$HW_{100}$ = N / A**

**NMDOT STANDARD DRAWINGS:**
**511-11-1/2 ;**
**511-11-2/2 ;**
**602-01-1/1 ;**
**602-02-1/1 ;**

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nm811 Know what's below. Call before you dig.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

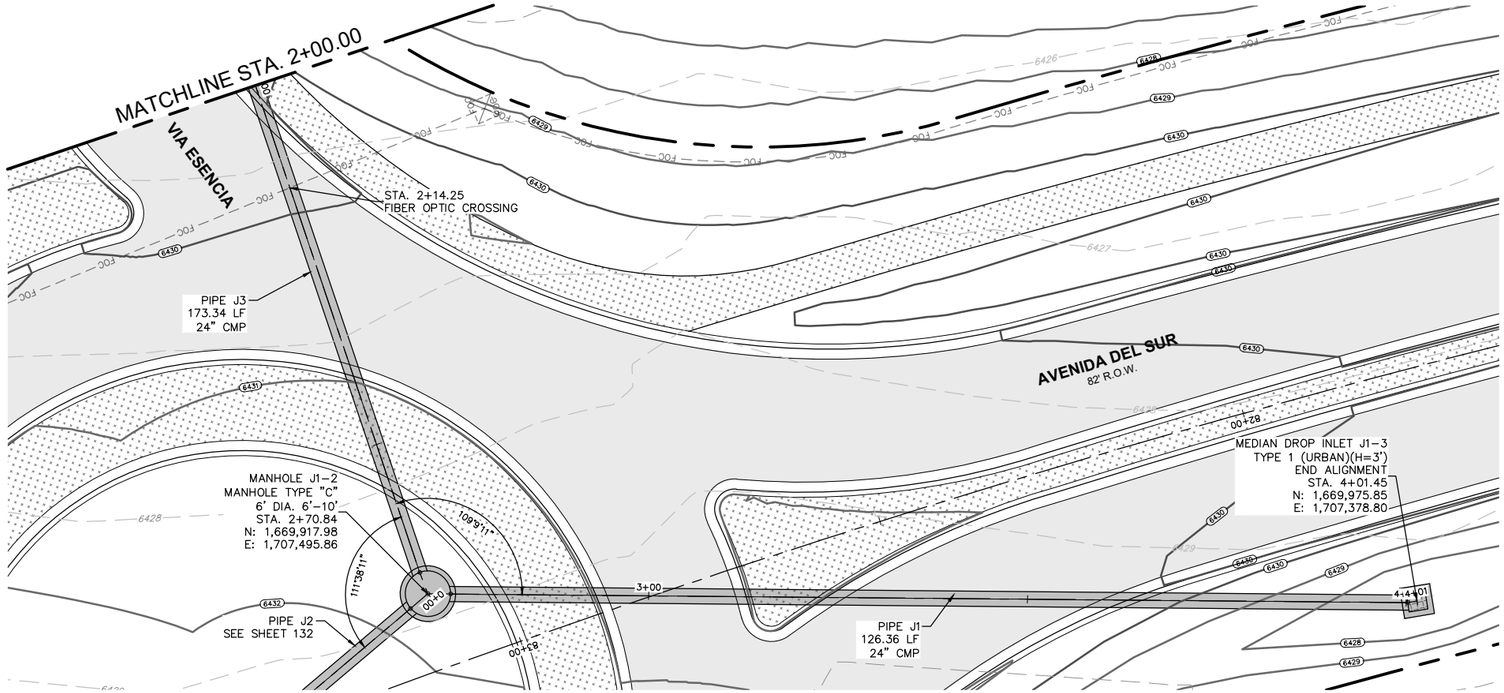
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

STORM DRAIN J3 & J1 (1 OF 2)
PLAN AND PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 130 |

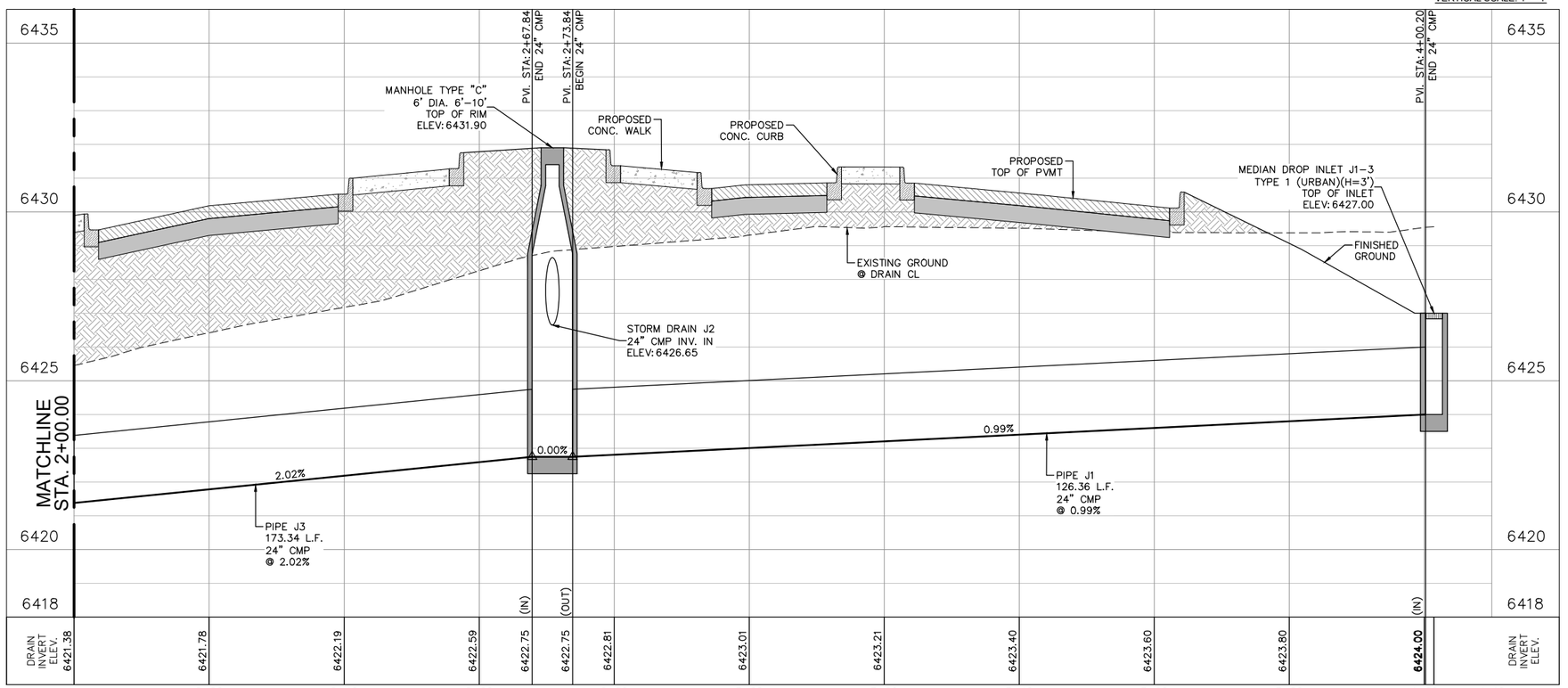
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:28 AM




## STORM DRAIN "J3 & J1"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




### TRENCH EXCAVATION SAFETY PROTECTION

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### LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
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- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
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- MAIL BOX
- POWER POLE
- UTILITY POLE
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- LIGHT POLE
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- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

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- EASEMENT LINE
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- UCM — UNDERGROUND COMMUNICATION LINE
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- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
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- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

N

0 10' 20'
SCALE IN FEET

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nm811 Know what's below. Call before you dig.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

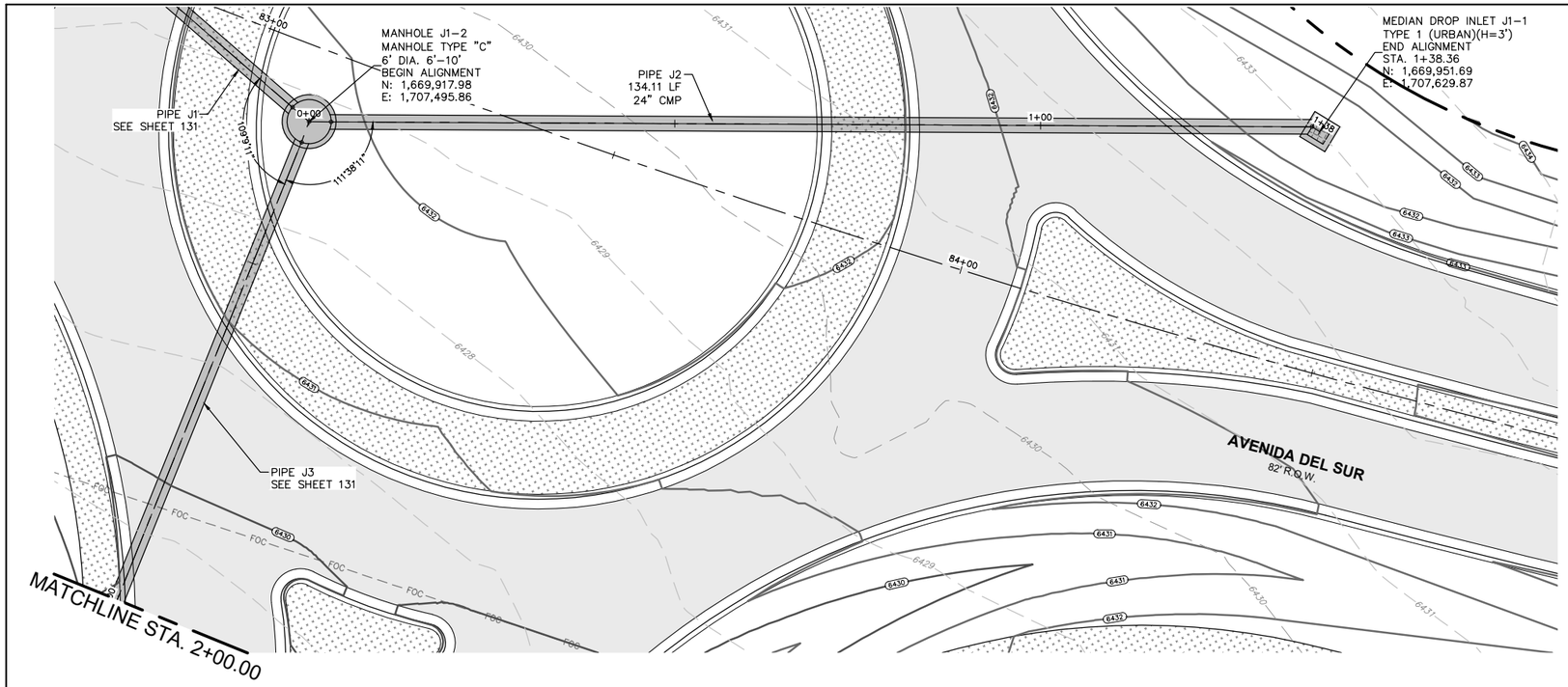
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# STORM DRAIN J3 & J1 (2 OF 2) PLAN AND PROFILE

| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
|---|---|---|---|
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 131 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:29 AM




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SCALE IN FEET
0 10' 20'

## LEGEND

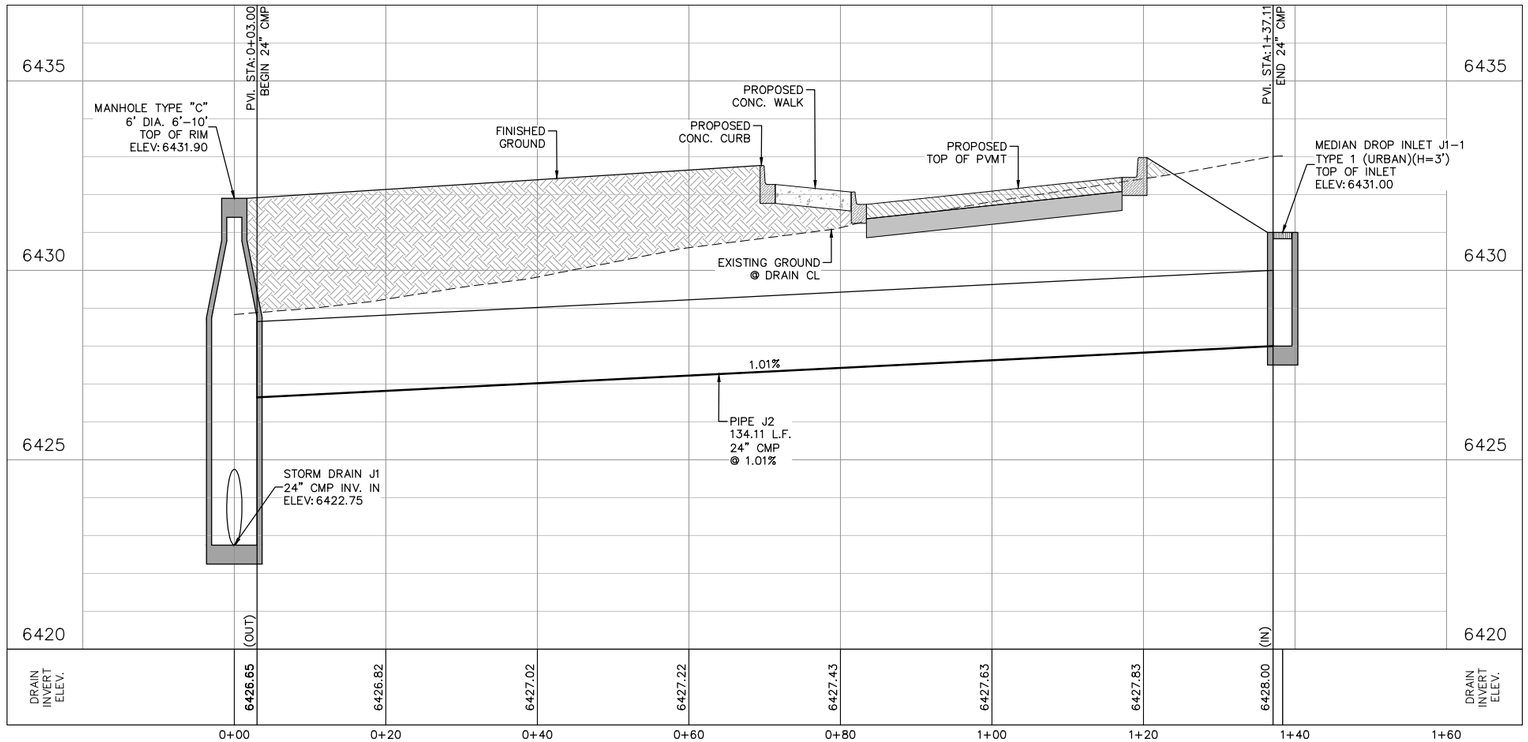
EXISTING
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- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
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- BASE PAVEMENT
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- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

# STORM DRAIN "J2"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




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nm811 Know what's below. Call before you dig.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 10019500

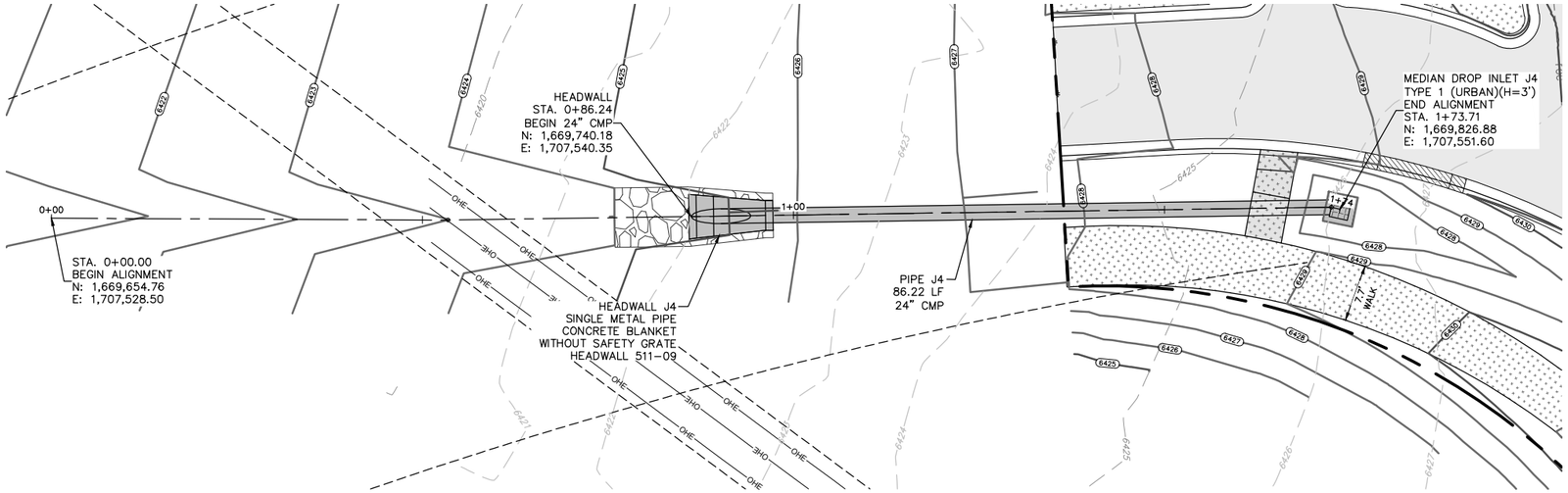
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

STORM DRAIN J2
PLAN AND PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 132 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:29 AM




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N

0 10' 20'

SCALE IN FEET

## LEGEND

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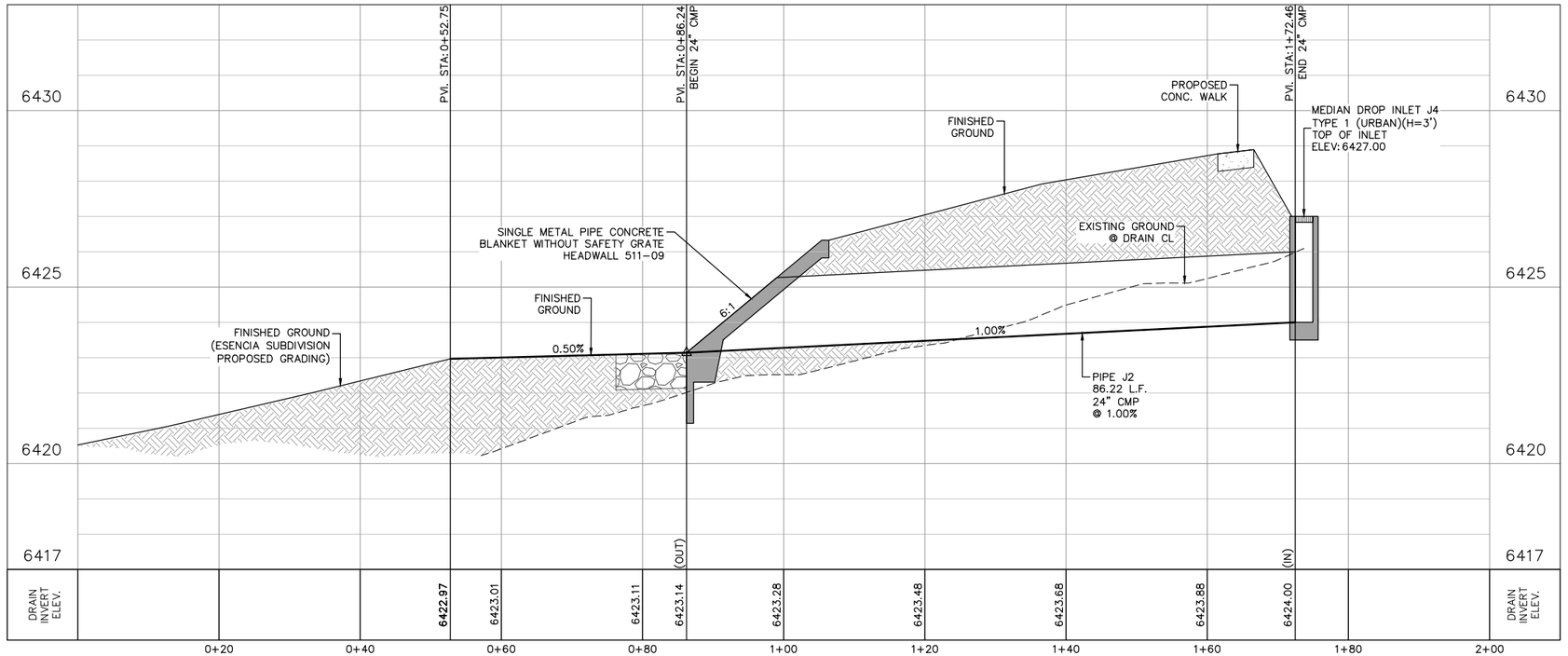
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# STORM DRAIN "J4"

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MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

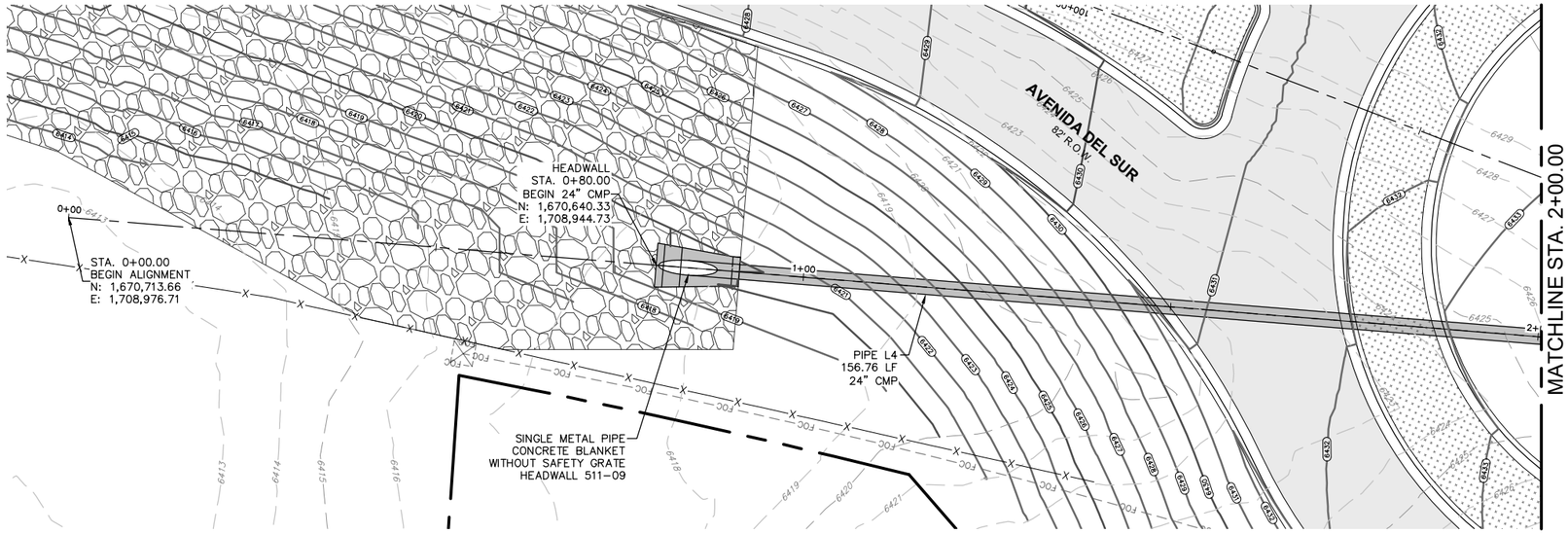
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## STORM DRAIN J4
## PLAN AND PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 133 |

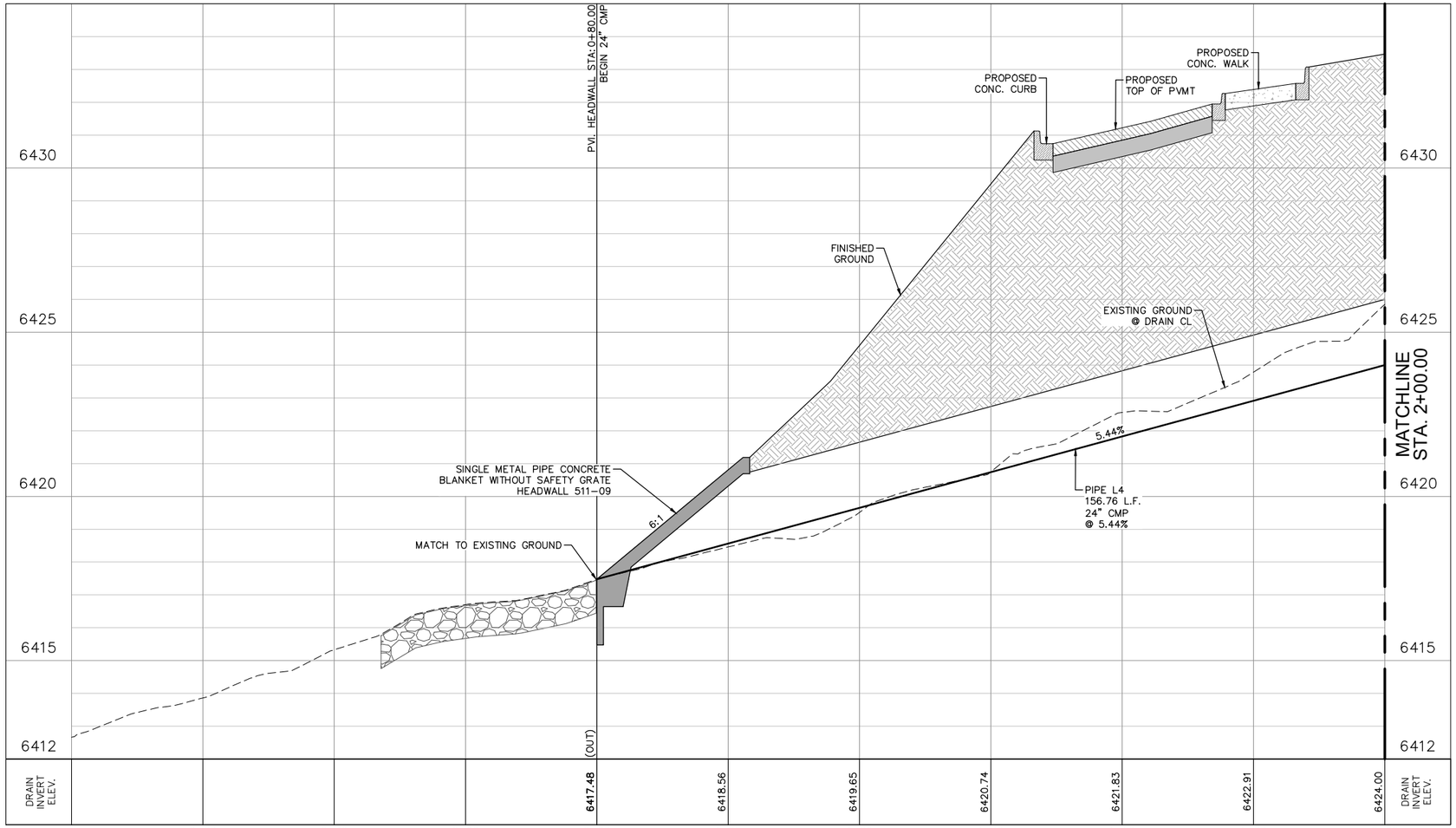
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:30 AM




# STORM DRAIN "L4"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




**TRENCH EXCAVATION SAFETY PROTECTION**

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEM, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

**EXISTING UTILITY INFORMATION**

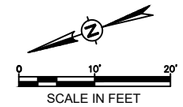
THE LOCATION OF UTILITIES, EITHER UNDERGROUND OR OVERHEAD, ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND DEPTH(IF UNDERGROUND) OF ALL UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION.

BOTH PRIVATE AND PUBLIC UTILITIES EXIST THROUGHOUT THE PROJECT SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES AND THE OWNER PRIOR TO CONSTRUCTION. UTILITIES IN CONFLICT WITH PROPOSED STREETS, DRAINAGE, UTILITIES, ETC. SHALL BE ADJUSTED, REMOVED AND/OR REALIGNED DURING THE CONSTRUCTION OF THE PROJECT, AS DIRECTED BY THE RESPECTIVE UTILITY COMPANY AND/OR OWNER.

**UTILITY CONSTRUCTION NOTE**

FOR UTILITY CONSTRUCTION, ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS PROJECT SHALL BE APPROVED BY SANTA FE PUBLIC WORKS DEPARTMENT.




## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

- RIGHT-OF-WAY(EXISTING)
- RIGHT-OF-WAY(PROPOSED)
- EASEMENT LINE
- UE — UNDERGROUND ELECTRIC
- UCM — UNDERGROUND COMMUNICATION LINE
- FOC — FIBER OPTIC LINE
- OHE — OVERHEAD ELECTRIC
- SWR — SANITARY SEWER LINE
- S — SEWER SERVICE LATERAL
- WTR — WATER LINE
- W — WATER SERVICE LATERAL
- GAS — UNDERGROUND GAS LINE
- CABLE FENCE
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

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nm811 Know what's below. Call before you dig.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

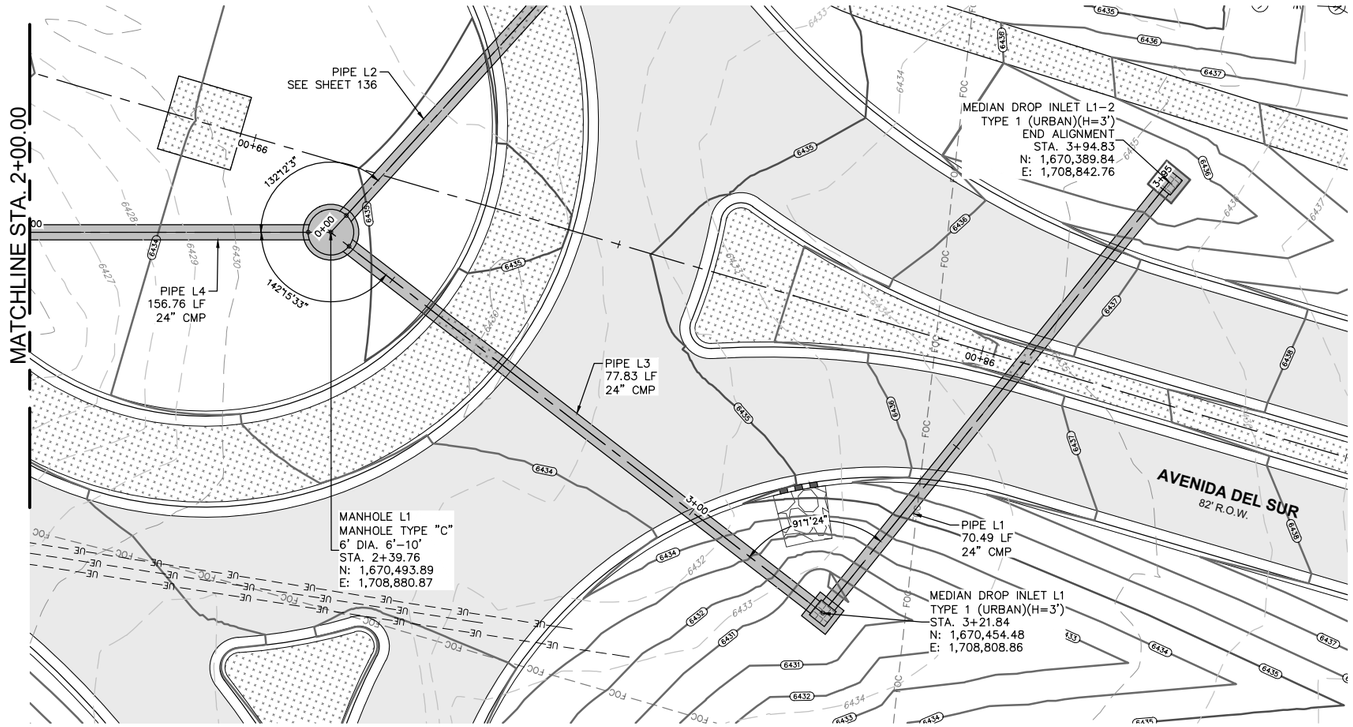
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

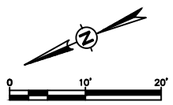
## STORM DRAIN L4, L3 & L1 (1 OF 2) PLAN AND PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 134 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:31 AM




**TRENCH EXCAVATION SAFETY PROTECTION**

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## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- MAIL BOX
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- SIGN
- WATER VALVE
- GAS METER
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EXISTING

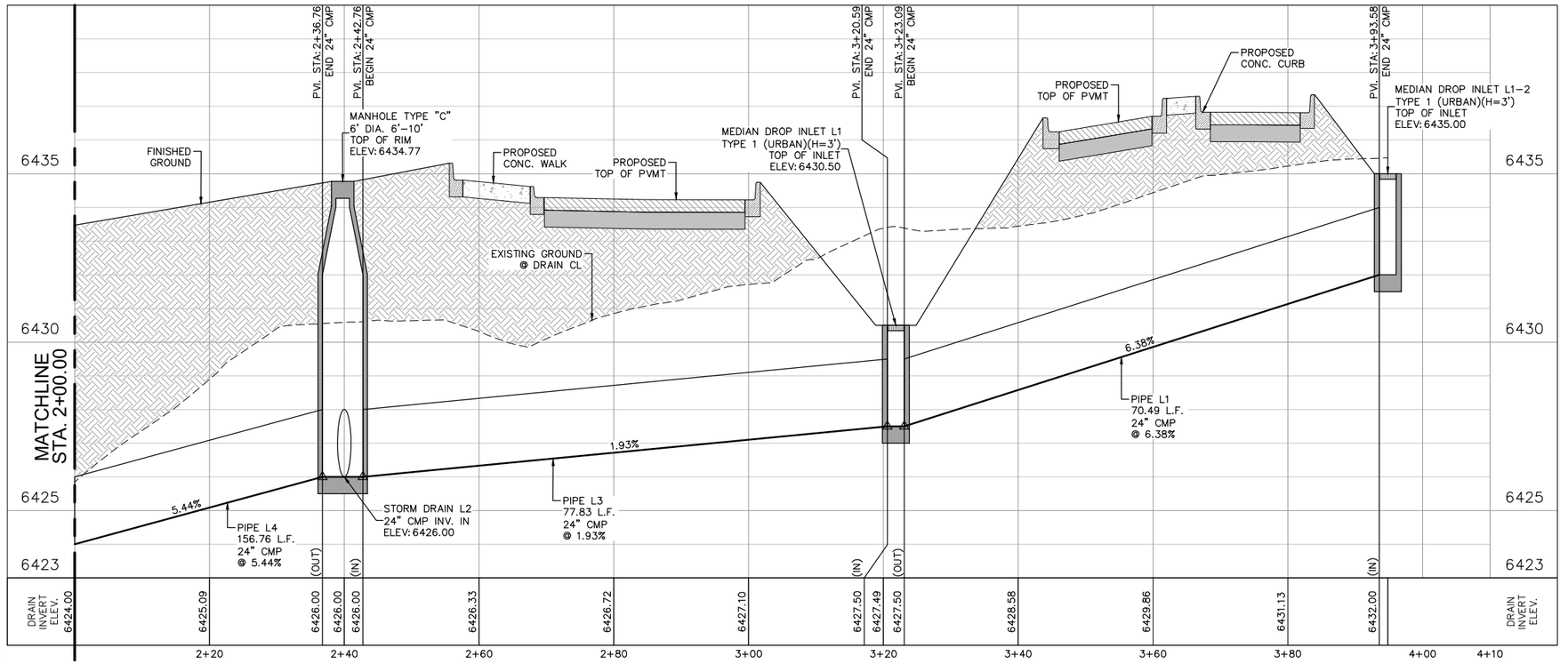
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- EASEMENT LINE
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- FOC — FIBER OPTIC LINE
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- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

## STORM DRAIN "L4, L3 & L1"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




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nm811 Know what's below. Call before you dig.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

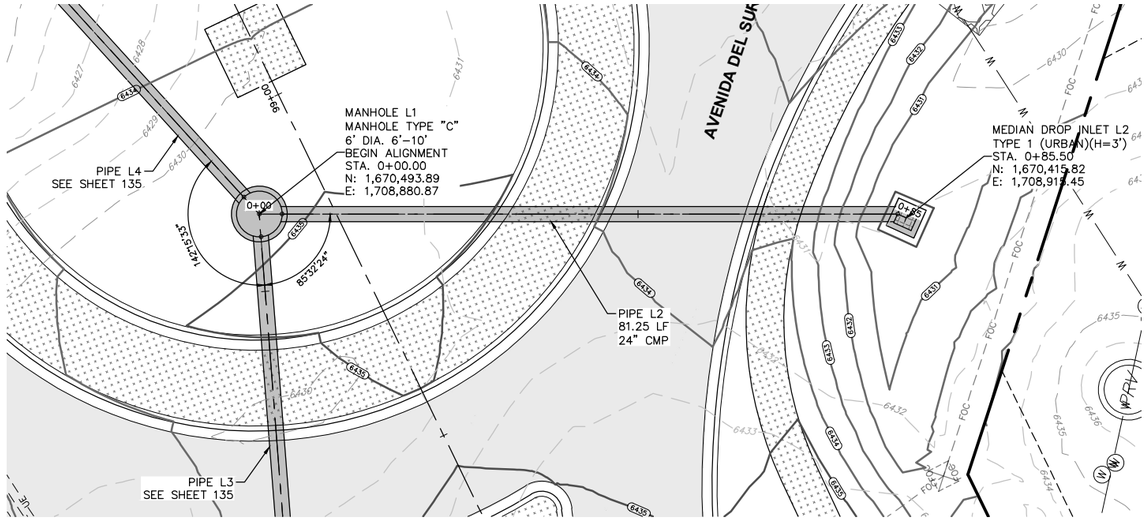
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

STORM DRAIN L4, L3 & L1 (2 OF 2)
PLAN AND PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 135 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:31 AM




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## LEGEND

EXISTING

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EXISTING

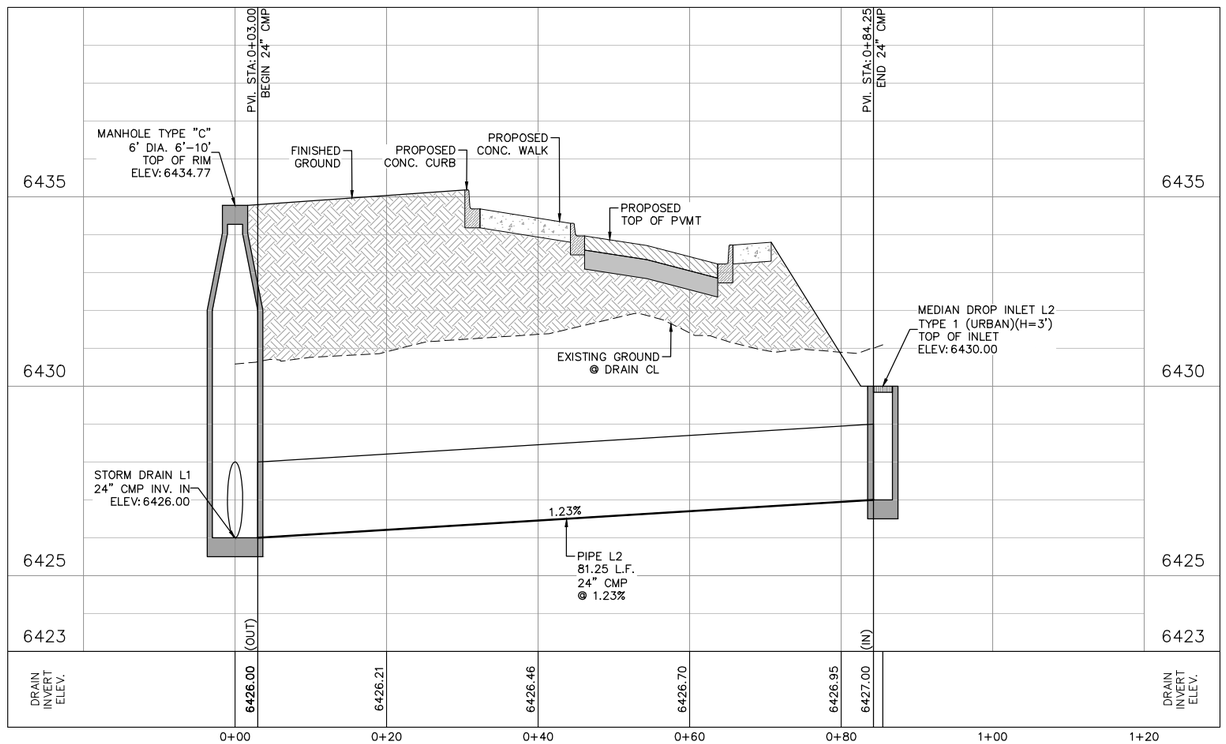
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- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- X — WIRE FENCE
- // — WOODEN FENCE
- EDGE OF PAVEMENT
- 928 — EXISTING CONTOURS
- EXISTING BUILDING

PROPOSED

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- MILL & OVERLAY
- CONCRETE FLATWORK
- BASE PAVEMENT
- EXIST CONC DEMOLITION
- ROCK RIP-RAP
- FOC — COMMUNICATION LINE CONDUIT SYSTEM
- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

# STORM DRAIN "L2"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




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nm811 Know what's below. Call before you dig.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
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CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

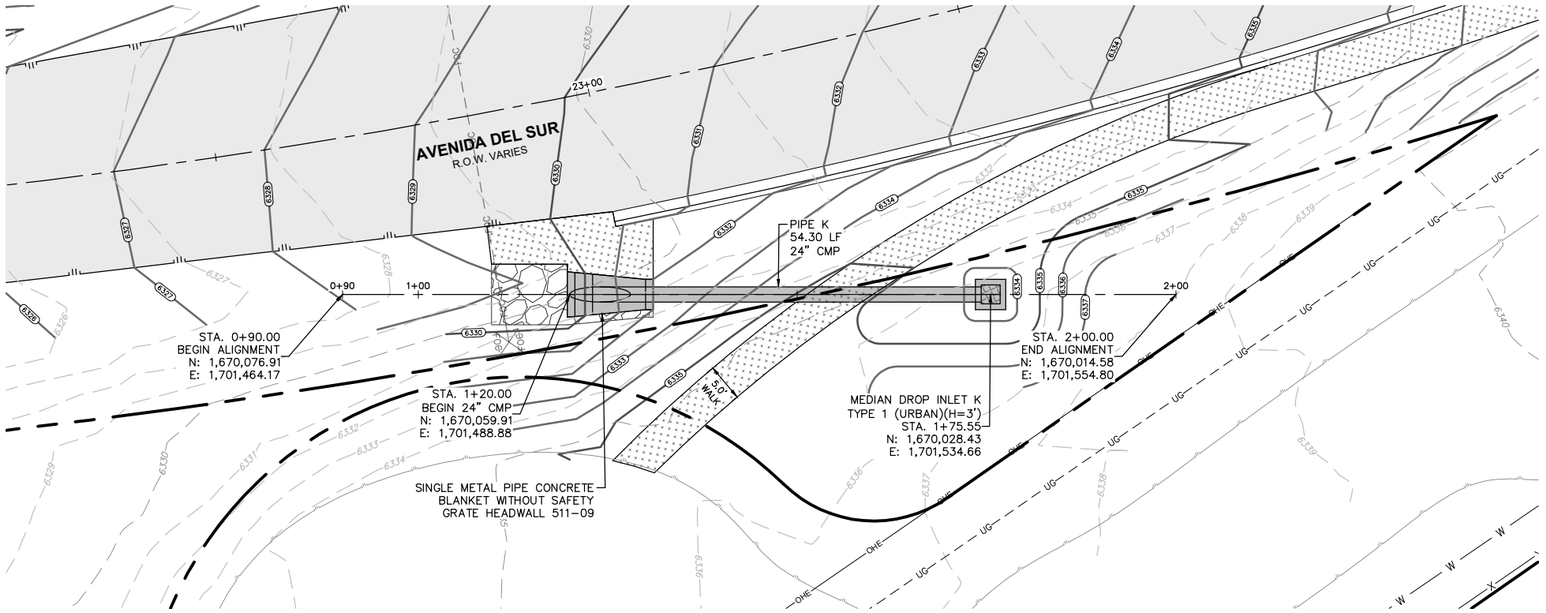
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

STORM DRAIN L2
PLAN AND PROFILE

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 136 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Drain PnPs.dwg PLOTTED: 05/28/2025 10:32 AM




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0 10' 20'
SCALE IN FEET

## LEGEND

EXISTING

- WATER METER
- ELECTRIC MANHOLE
- ELECTRIC METER
- SEWER CLEAN OUT
- GAS MANHOLE
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- TELEPHONE PEDESTAL
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- GUY WIRE
- LIGHT POLE
- SIGN
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- GAS METER
- TREE (REFER TO TREE PLANS FOR TREE REMOVAL DATA)

EXISTING

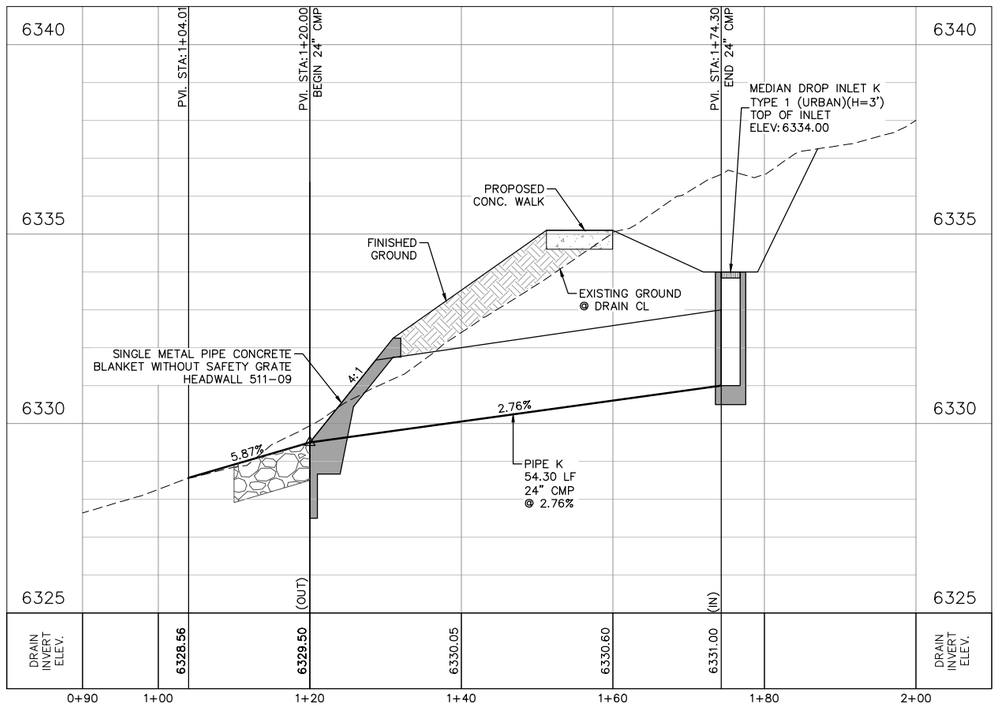
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- CONCRETE PAVEMENT
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- PULL BOX
- EARTHEN SWALE
- EDGE OF PVM'T.
- PROPOSED EASEMENT
- RETAINING WALL
- 930 — FINISHED CONTOUR

# CULVERT "K"

HORIZONTAL SCALE: 1" =20'
VERTICAL SCALE: 1" = 4'




**DA - CULVERT "K"**
**AREA = 0.25 ACRES**
**$Q_{50}$ = 1 CFS**
**$Q_{100}$ = 1 CFS**
**$V_{50}$ = 3.36 FPS**
**$HW_{100}$ = 6331.57**

**NMDOT STANDARD DRAWINGS:**
**623-01-1/1 ; 623-02-1/1 ; 602-01-1/1 ; 602-02-1/1**

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 10019500

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

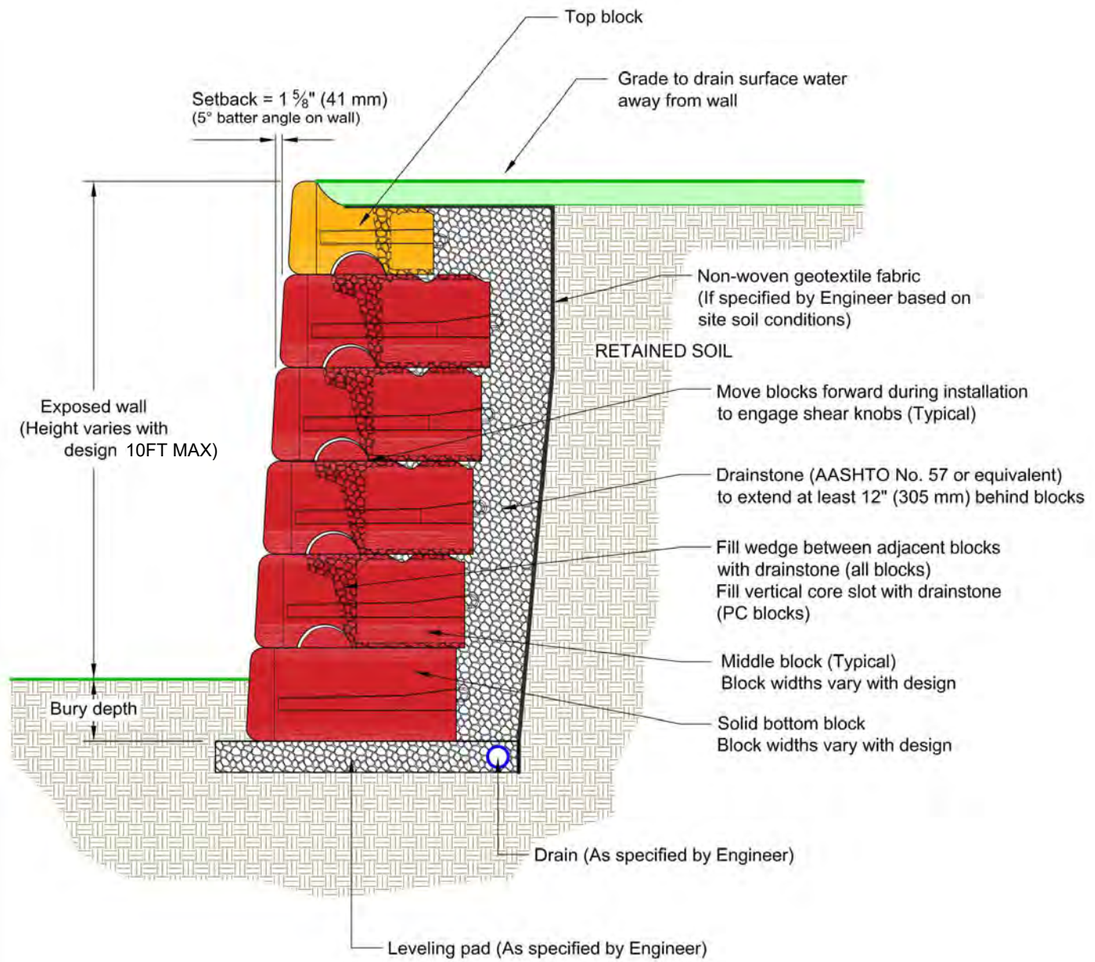
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PLAN AND PROFILE

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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 137 |

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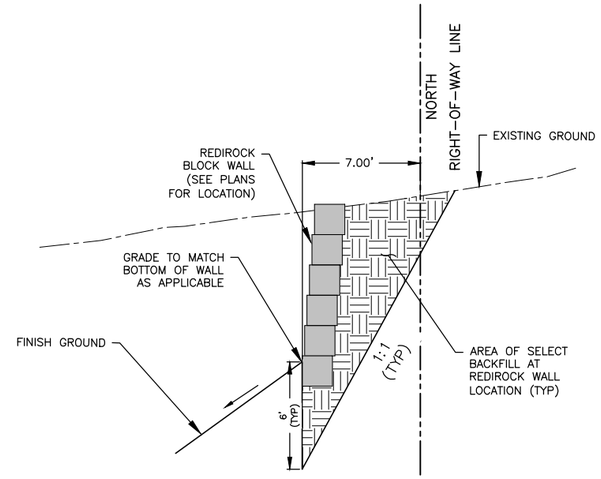
# Typical Gravity Wall Section




This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual conditions of the proposed site.

| | | | |
|---|---|---|---|
| DRAWN BY: | JRJ | TITLE: | Typical Gravity Wall Detail |
| APPROVED BY: | JRJ | | |
| DATE: | 17MAR2016 | | |
| SHEET: | 1 of 1 | FILE: | 1 Typical Gravity Wall Detail 031716.dwg |

REDI-ROCK®
05481 US 31 SOUTH, CHARLEVOIX, MI 49720
(866) 222-8400 ext 3010 • engineering@redi-rock.com
www.redi-rock.com




## TYPICAL AREA OF SELECT BACK FILL AT REDI-ROCK WALLS

N.T.S.

NOTES

EXCAVATION BACKFILL AND WALL FOUNDATION – LEVELING PAD CONSIDERED SUBSIDIARY TO ITEM 511010 – STRUCTURAL CONCRETE (REDI ROCK RETAINING WALL) – NSPI.

BACKFILL SLOPE EXCAVATION AND SELECT FILL REPLACEMENT PAID FOR SEPARATELY UNDER ITEMS 203010 – STRUCTURAL EXCAVATION (RETAINING WALL SLOPE) AND ITEM 210810 – SELECT BACKFILL (RETAINING WALL SLOPE.)

FINAL WALL DEFINITION SHALL BE AS DEFINED BY REDI-ROCK (BUILDOLOGY, 505-321-2042) AND SUBMITTED BY THE CONTRACTOR FOR APPROVAL PRIOR TO CONSTRUCTION.

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
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| | | | |
| | | | |
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ROADWAY AND DRAINAGE IMPROVEMENTS

REDIROCK TYP GRAVITY WALL DTL

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 138 |

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# RETAINING WALL ESTIMATOR

REDI-ROCK

| | |
|---|---|
| DATE: | March 24, 2025 |
| COMPANY: | CDS Muery |
| PROJECT: | SF County Public Works |
| ADDRESS: | Avenida Del Sur Santa Fe, NM |
| WALL: | |
| ATTENTION: | |
| TELEPHONE: | |
| CELL: | |
| FAX: | |
| EMAIL: | |

## RETAINING SERIES SUMMARY

| | FULL | HALF | 9"SB | HALF 9"SB | END | TOTAL | SQ. FT. |
|---|---|---|---|---|---|---|---|
| 60" | 477 | 0 | | | | 477 | 2742.8 |
| 41" | 491 | 0 | 0 | 0 | | 491 | 2823.3 |
| 28" | 264 | 0 | | | 32 | 296 | 1518.0 |
| 21" | 0 | 0 | | | | 0 | 0.0 |
| Planter | 0 | 0 | | | | 0 | 0.0 |
| | 1232 | 0 | 0 | 0 | TOTAL | 1264 | 7084.0 |

## FREE STANDING SUMMARY

| FULL | HALF | TOTAL | SQ. FT. |
|---|---|---|---|
| 48 | 8 | 56 | 299.0 |

Concrete Specifications

| | |
|---|---|
| SPECIFIER | RR WEBSITE |
| CLASS | Mix1 |
| f'c (PSI) | 4000 |
| AIR CONTENT | 5-8% |
| SLUMP | 4-8" |
| AGGREGATE | 1" SIZE 57 |
| W/(C+F) RATIO | 0.40 |
| FACE TEXTURE | Ledgestone |

## INDIVIDUAL RETAINING BLOCK COUNT

| 28" PC BLOCKS | | | 28" BLOCKS | | | 41" BLOCKS | | | 60" BLOCKS | | | 9" SETBACK BLOCKS | | | MIDDLE/TOP | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCT | | 0 | 28T | 128 | 155 | 41M | 241 | 454 | 60M | 260 | 310 | 9SB | 2419 | 0 | 201L | | 13 |
| | | | 28HT | 428 | 0 | 41HM | 541 | 0 | 60HM | 560 | 0 | 9HSB | 5419 | 0 | 201R | | 19 |
| PCM | | 0 | 28M | 228 | 109 | 41B | 341 | 37 | 60B | 360 | 167 | | | | | | |
| | | | 28HM | 528 | 0 | 41HB | 641 | 0 | 60HB | 660 | 0 | | | | | | |
| PCB | | 0 | 28B | 328 | 0 | | | | | | | PLANTER BLOCKS | | | | | |
| | | | 28HB | 628 | 0 | | | | | | | P | Planter | 0 | | | |
| | | | | | | | | | | | | HP | Half Planter | 0 | | | |

## INDIVIDUAL FREE-STANDING BLOCK COUNT

| STRAIGHT | | | MAGIC BLOCK | | | TOP ENDS | | | FREE STANDING CORNER | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FT | F100 | 0 | MB | | 0 | 101L | 101LEFT | 15 | FME90 | FME90 | 3 |
| FM | F200 | 0 | | | | 101R | 101RIGHT | 22 | | | |
| FB | F300 | 0 | | | | 401L | 401LEFT | 5 | | | |
| | | | | | | 401R | 401RIGHT | 3 | | | |
| STRAIGHT END | | | MAGIC BLOCK ENDS | | | | | | FORCE PROTECTION | | |
| FTE | F100END | 0 | MBE | | 0 | | | | FP | 200-FP | 0 |
| FME | F200END | 0 | MBHE | | 0 | | | | | | |
| HFTE | F400END | 0 | | | | | | | | | |
| HFME | F500END | 8 | | | | | | | | | |

Materials Inc. (MI) provides this estimate as a courtesy to the contractor.
It is the contractor/purchaser's responsibility to verify quantities.
The final price will be based on actual quantities at the quoted unit prices.
Subject to MI "General Conditions of Sales" and "Redi-Rock Terms & Conditions"

CDS Muery Avenida Del Sur Redi Rock Sketcher
3/28/2025



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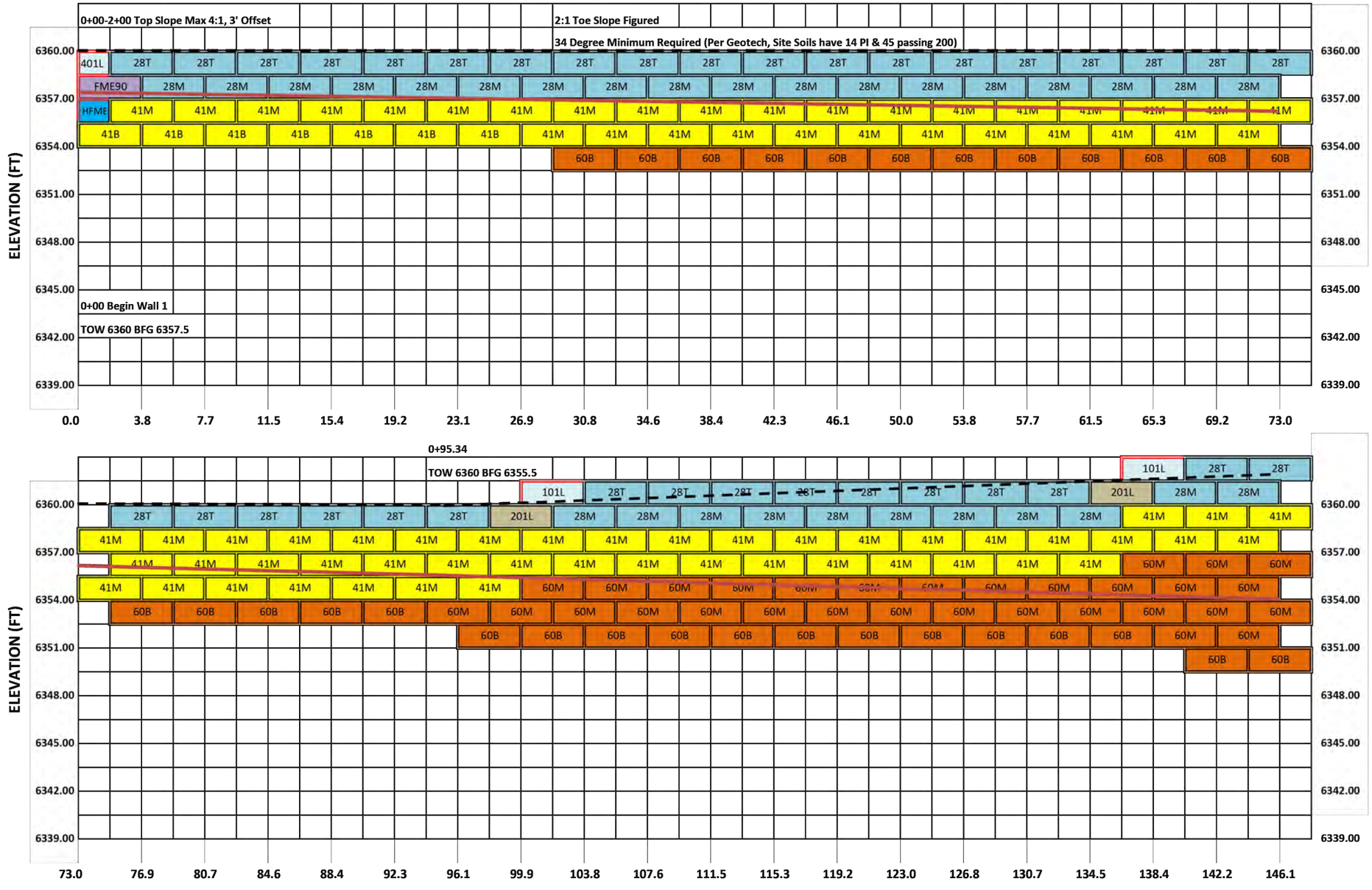
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

REDIROCK WALL
MANUFACTURER PROFILES
AND DETAILS 1

| | | | |
|---|---|---|---|
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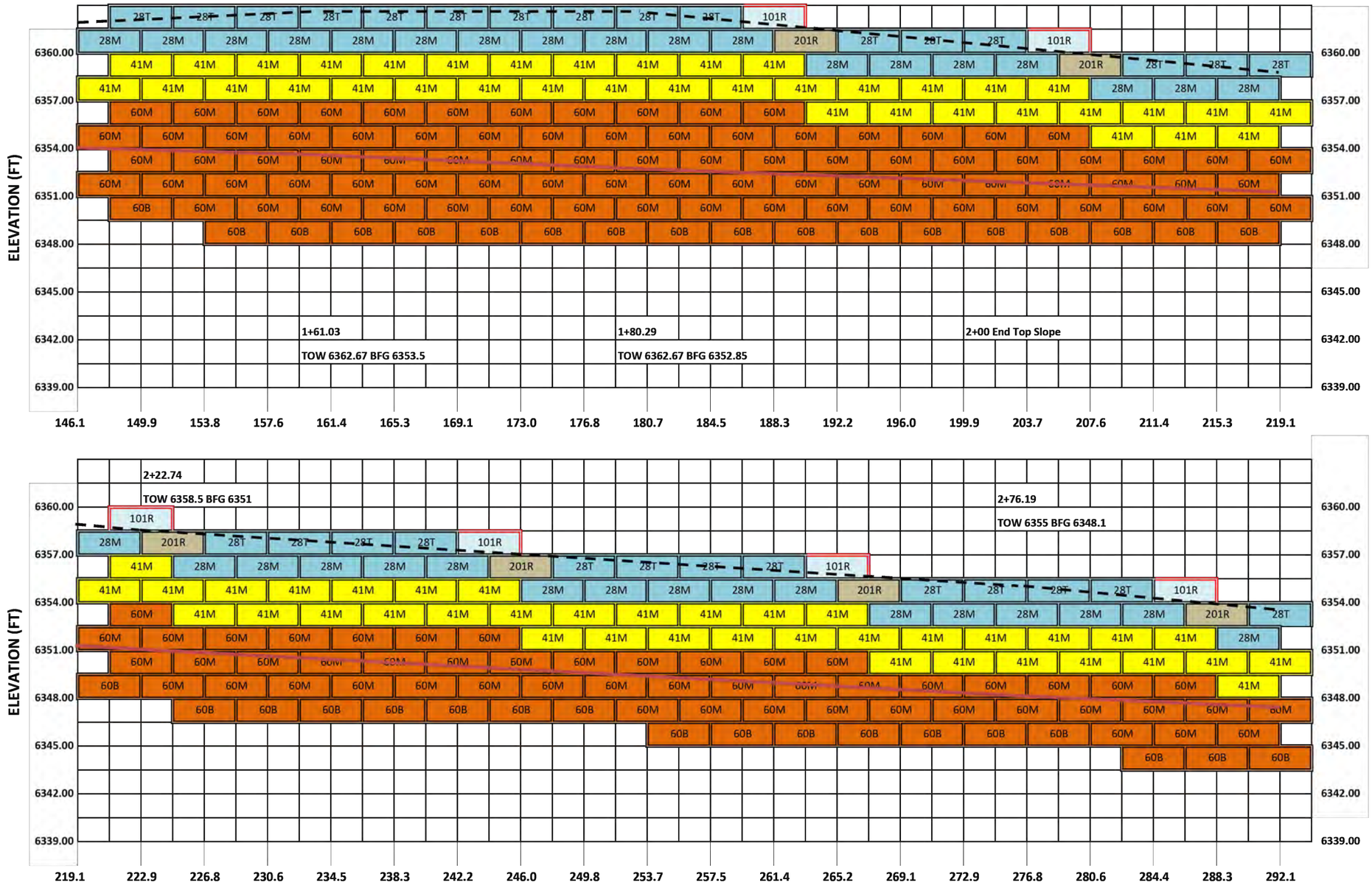
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AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# REDIROCK WALL MANUFACTURER PROFILES AND DETAILS 2

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 138B |

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SANTA FE COUNTY

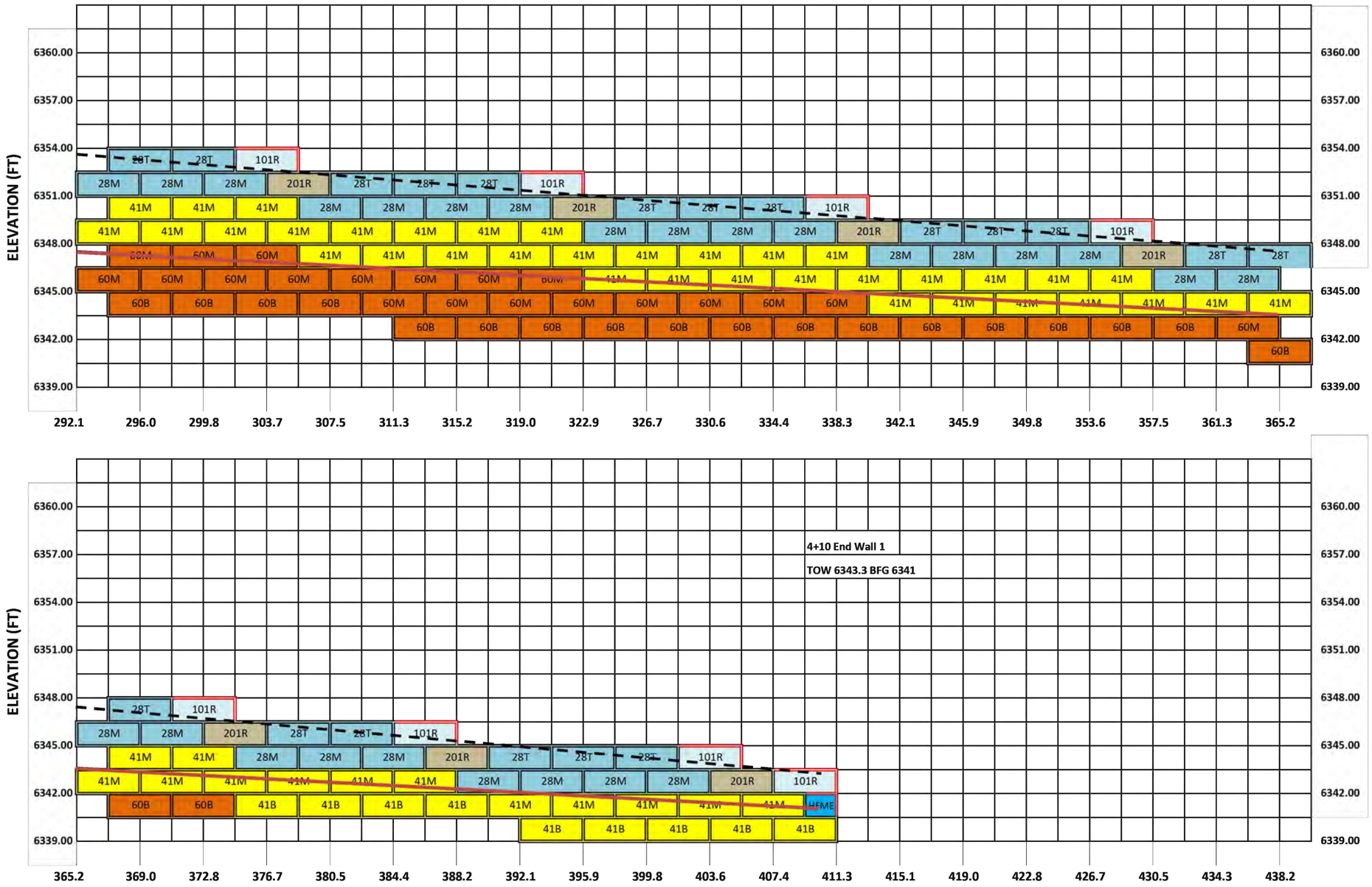
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# REDIROCK WALL MANUFACTURER PROFILES AND DETAILS 3

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 138C |

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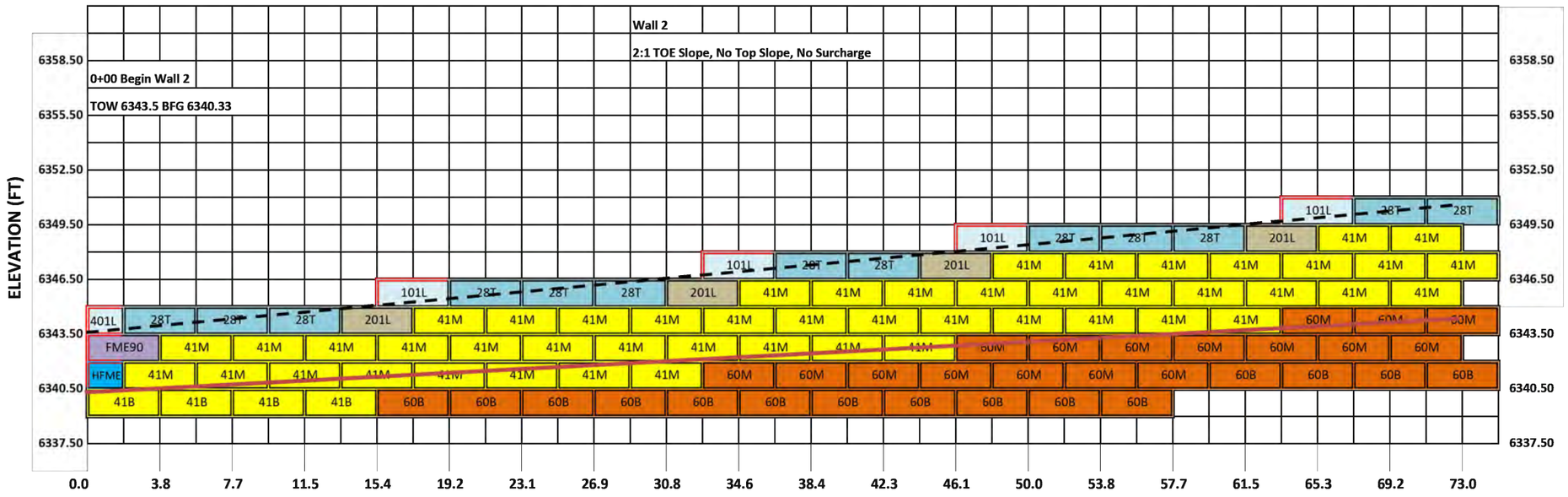

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

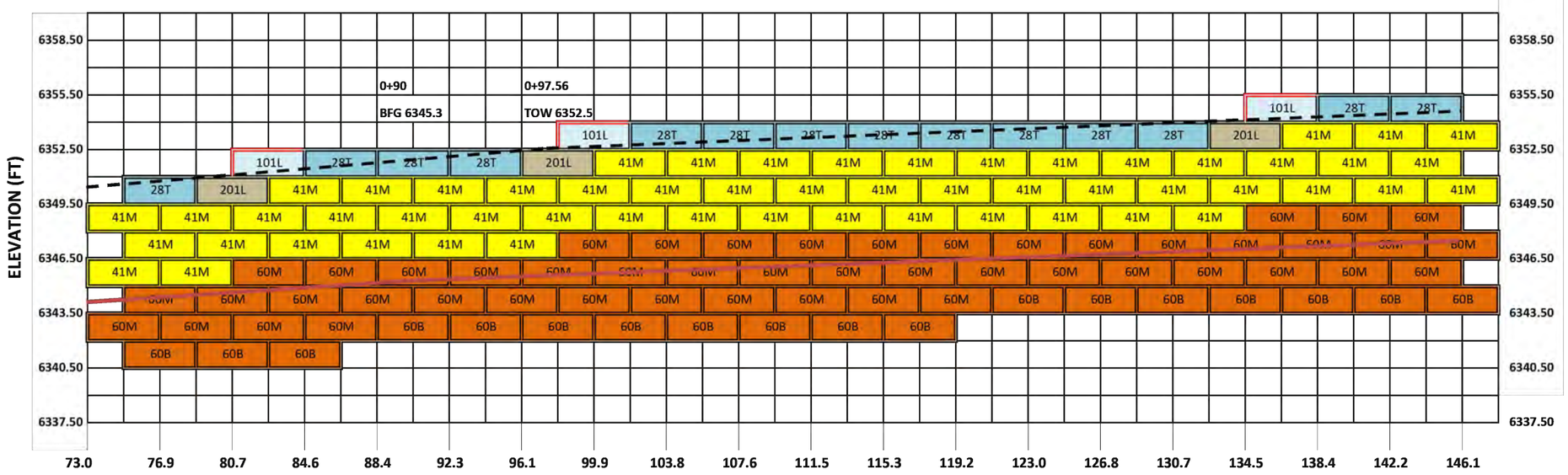
# REDIROCK WALL MANUFACTURER PROFILES AND DETAILS 4

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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 138D |

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3/28/2025



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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
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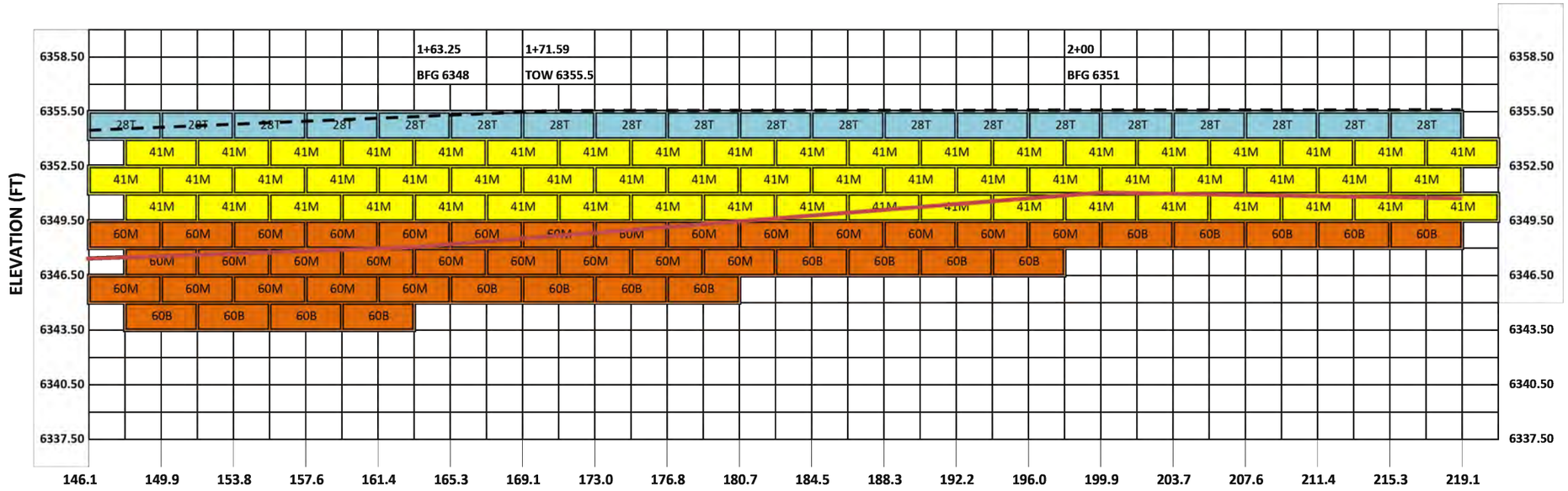
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

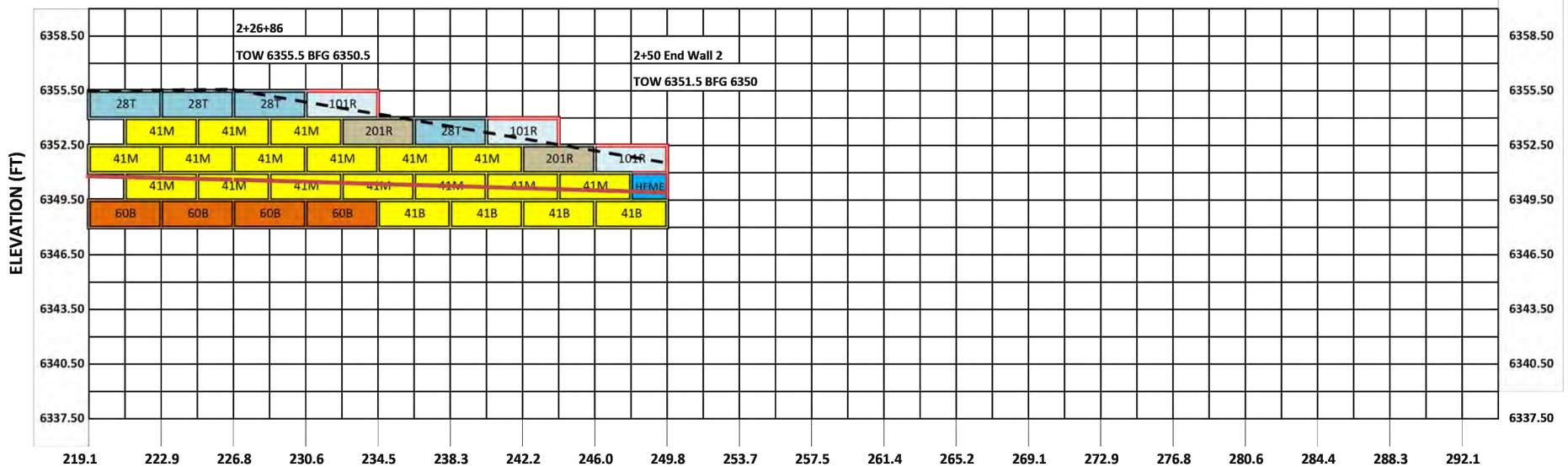
# REDIROCK WALL MANUFACTURER PROFILES AND DETAILS 5

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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
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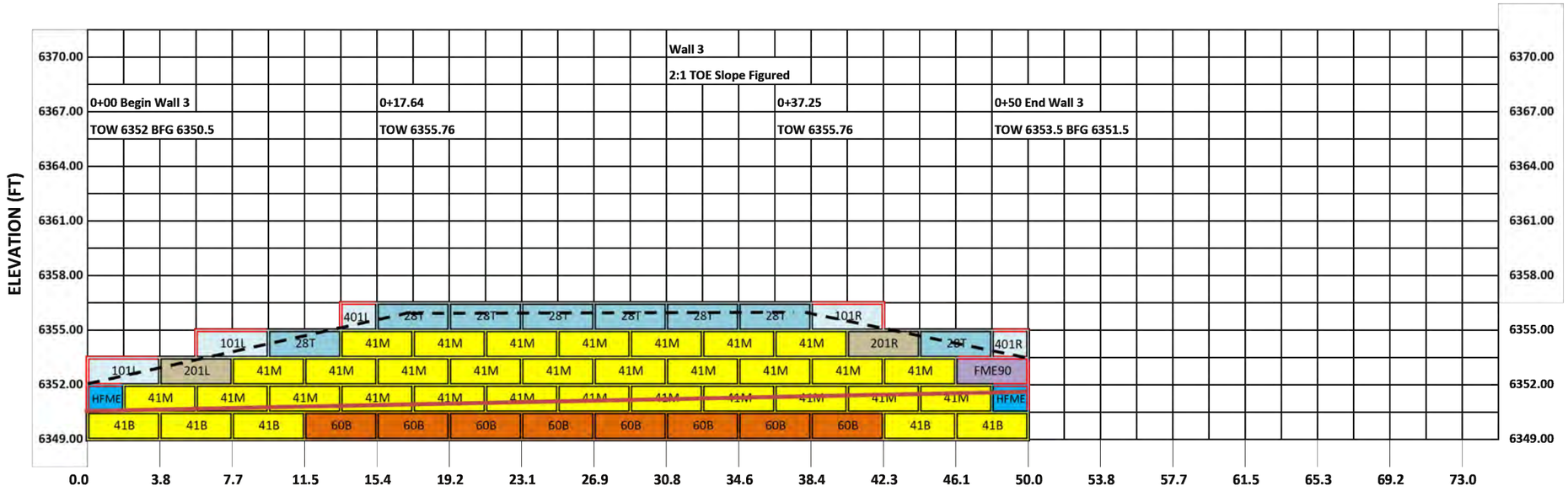
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

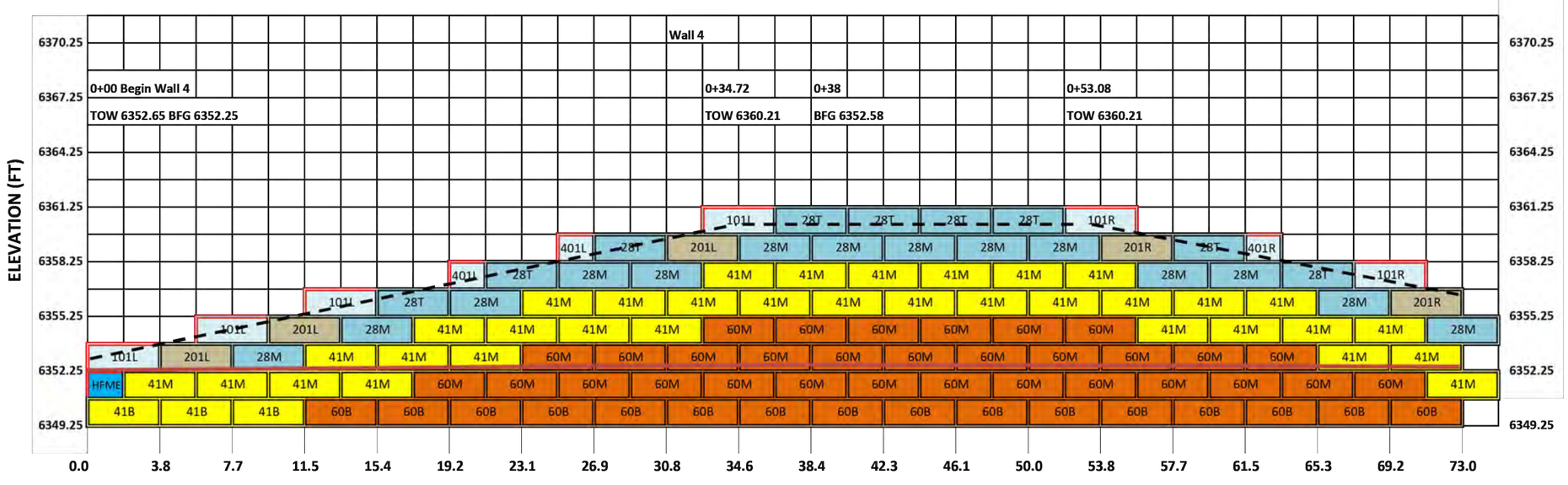
# REDIROCK WALL MANUFACTURER PROFILES AND DETAILS 6

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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
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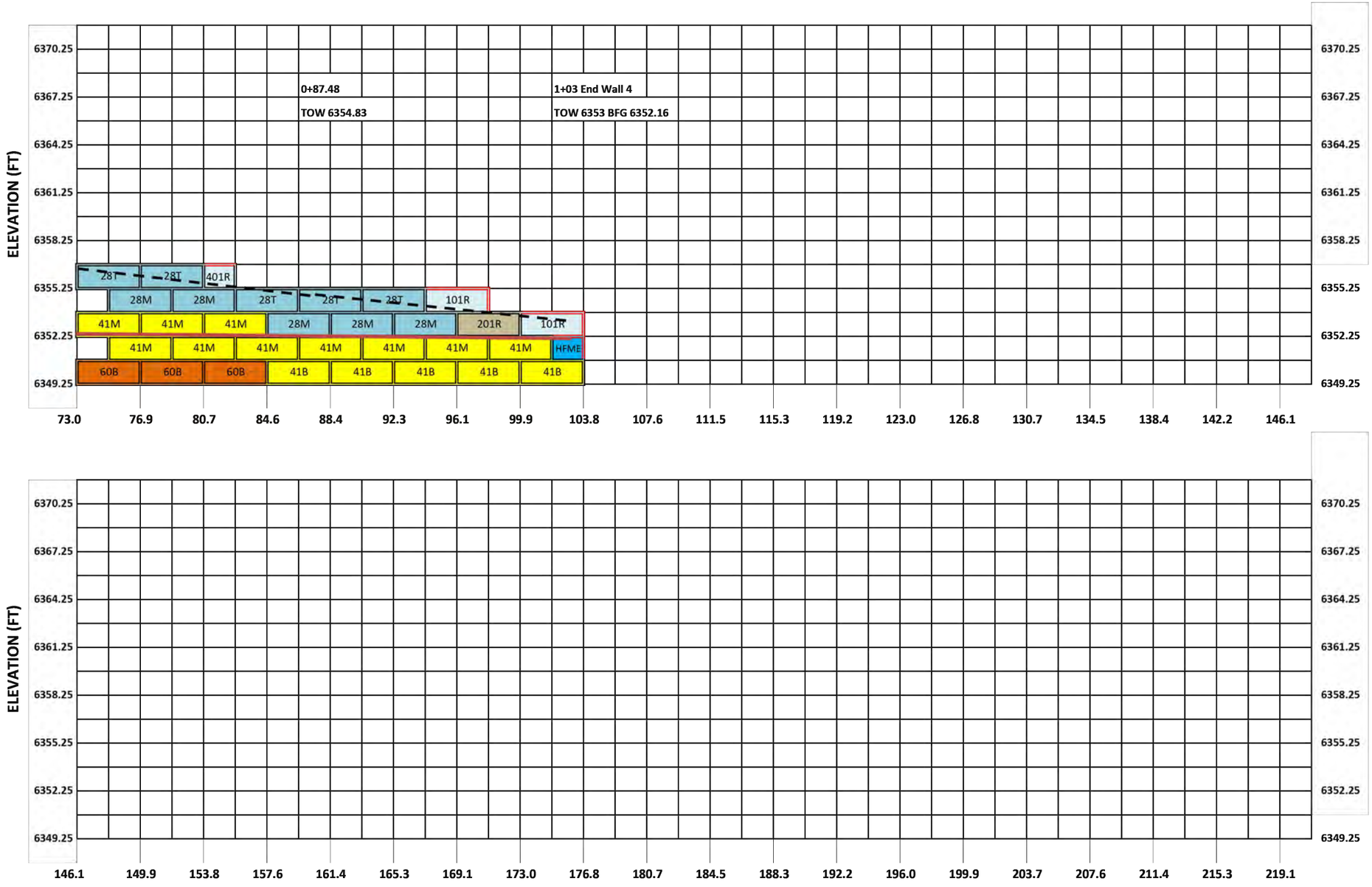
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ROADWAY AND DRAINAGE IMPROVEMENTS

# REDIROCK WALL MANUFACTURER PROFILES AND DETAILS 7

| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
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| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 138G |

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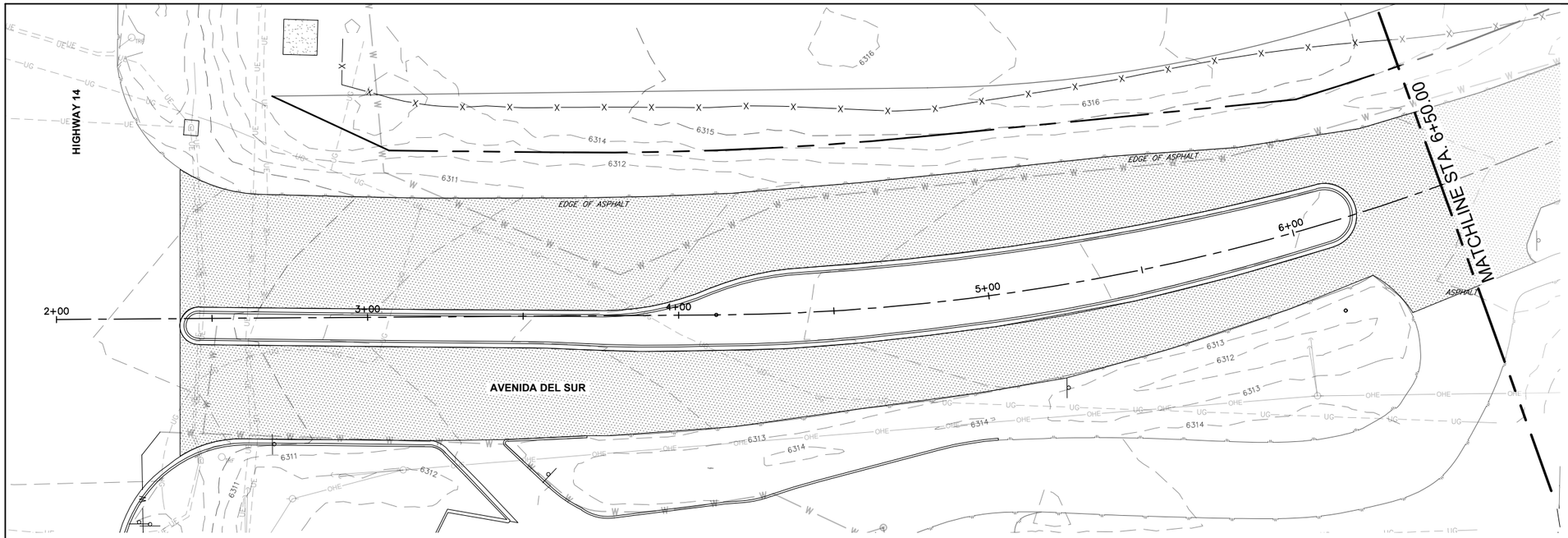
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# REDIROCK WALL MANUFACTURER PROFILES AND DETAILS 8

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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 138H |

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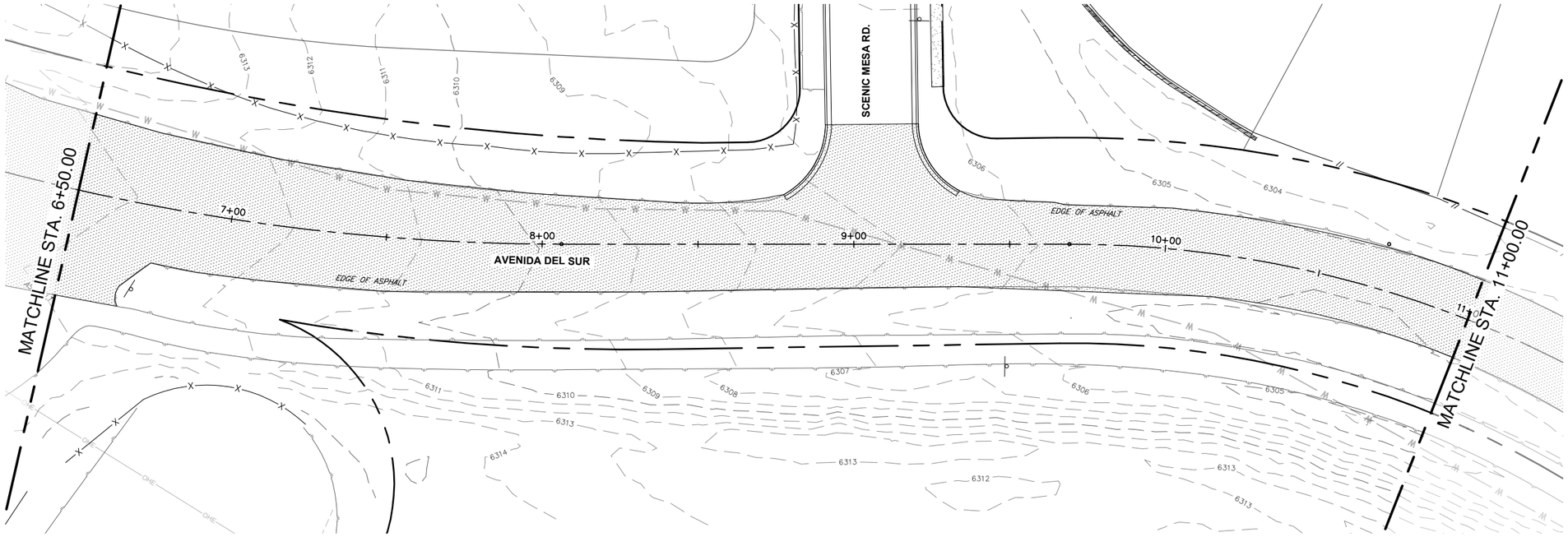

# AVENIDA DEL SUR

## STABILIZATION LEGEND

- C — CUT SLOPE LIMITS *
- F — FILL SLOPE LIMITS *
- 928 — EXISTING CONTOURS
- 930 — FINISHED CONTOUR
- FLOW DIRECTION
- CLASS A SEEDING
- CLASS C SEEDING
- DROP INLET PROTECTION TYPE I
- CULVERT PROTECTION SYSTEM
- MS — COMPOSTED MULCH SOCK
- CHECK DAM TYPE II PER STD DWG (NMDOT STD. DWG 603-01-2/7) (1)

* SLOPE LIMITS DEFINE AREA OF DISTURBANCE

NOTE:
(1) CHECK DAM ROCKS SHALL BE HARD, ANGULAR 2"-4" RIPRAP STONE.




# AVENIDA DEL SUR

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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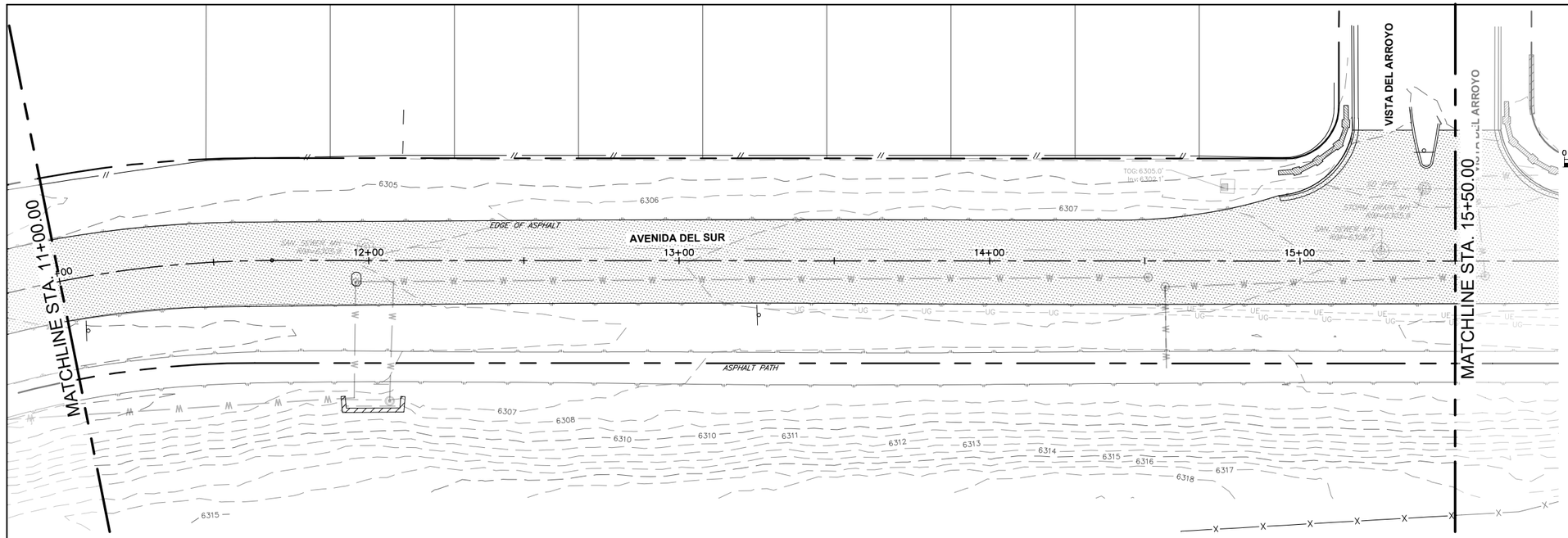
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ROADWAY AND DRAINAGE IMPROVEMENTS

CONSTRUCTION FINAL
STABILIZATION PLAN

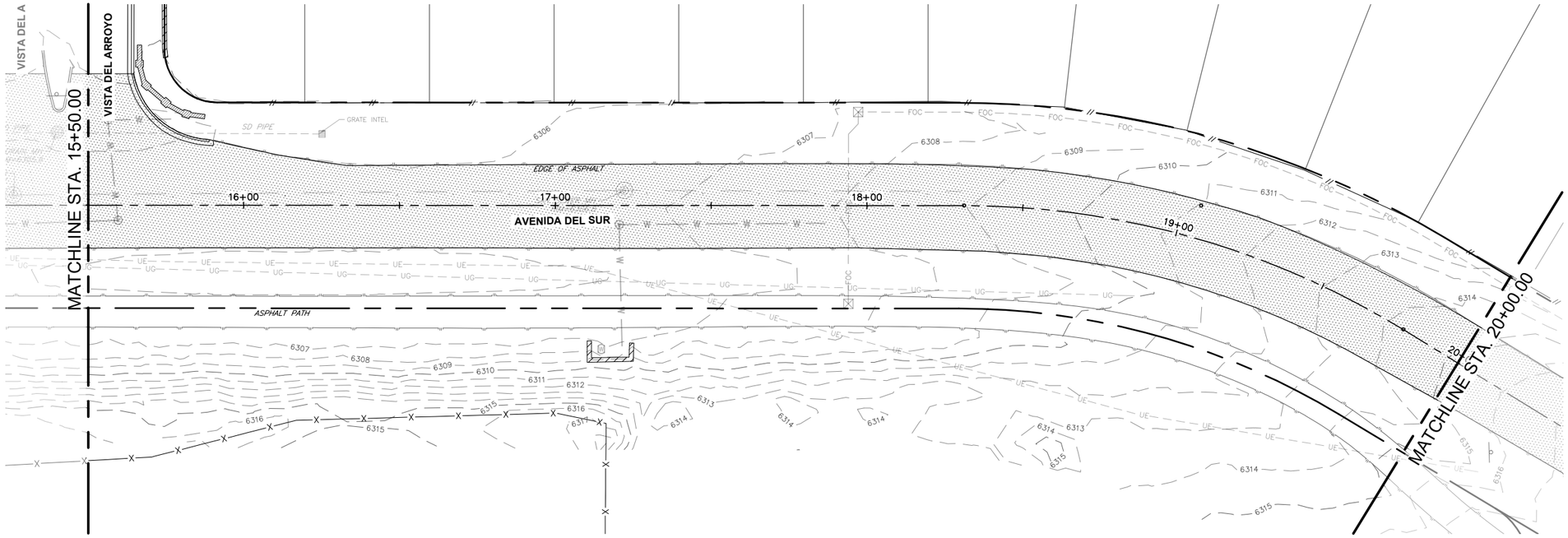
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 139 |

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# AVENIDA DEL SUR




# AVENIDA DEL SUR

## STABILIZATION LEGEND

- C — CUT SLOPE LIMITS *
- F — FILL SLOPE LIMITS *
- 928 — EXISTING CONTOURS
- 930 — FINISHED CONTOUR
- FLOW DIRECTION
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NOTE:
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MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

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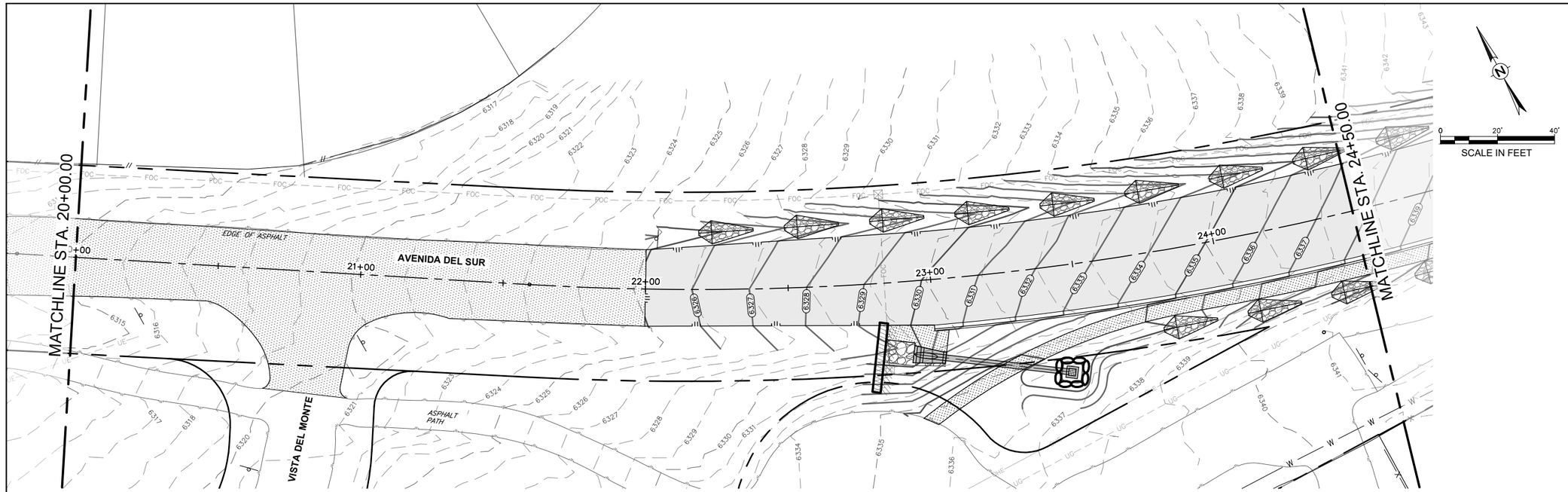
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ROADWAY AND DRAINAGE IMPROVEMENTS

CONSTRUCTION FINAL
STABILIZATION PLAN

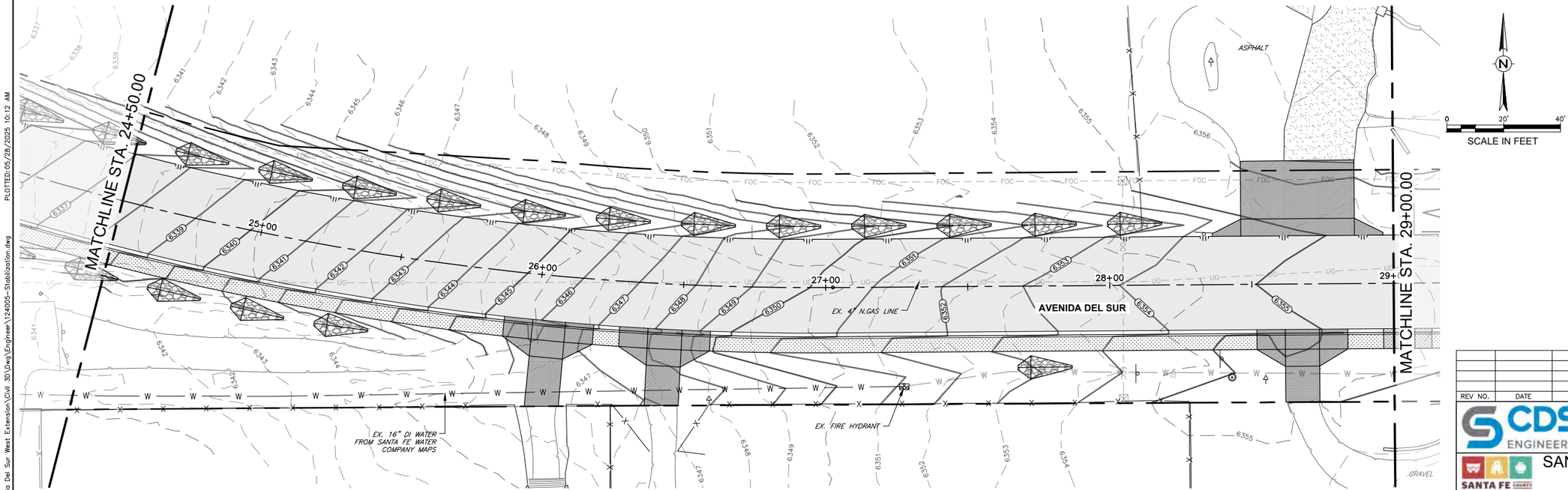
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 140 |

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# AVENIDA DEL SUR




# AVENIDA DEL SUR

## STABILIZATION LEGEND

- C — CUT SLOPE LIMITS *
- F — FILL SLOPE LIMITS *
- 928 — EXISTING CONTOURS
- 930 — FINISHED CONTOUR
- FLOW DIRECTION
- CLASS A SEEDING
- CLASS C SEEDING
- DROP INLET PROTECTION TYPE I
- CULVERT PROTECTION SYSTEM
- MS — COMPOSTED MULCH SOCK
- CHECK DAM TYPE II PER STD DWG (NMDOT STD. DWG 603-01-2/7) (1)

* SLOPE LIMITS DEFINE AREA OF DISTURBANCE

NOTE:
(1) CHECK DAM ROCKS SHALL BE HARD, ANGULAR 2"-4" RIPRAP STONE.

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

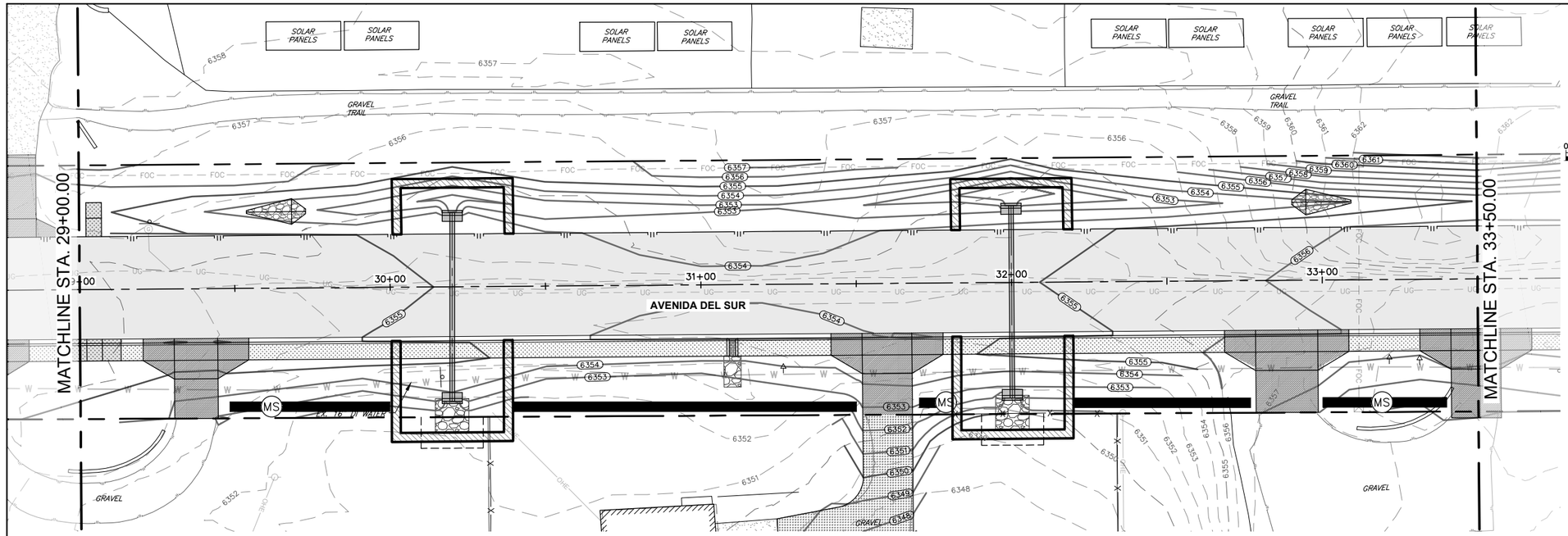
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

CONSTRUCTION FINAL
STABILIZATION PLAN

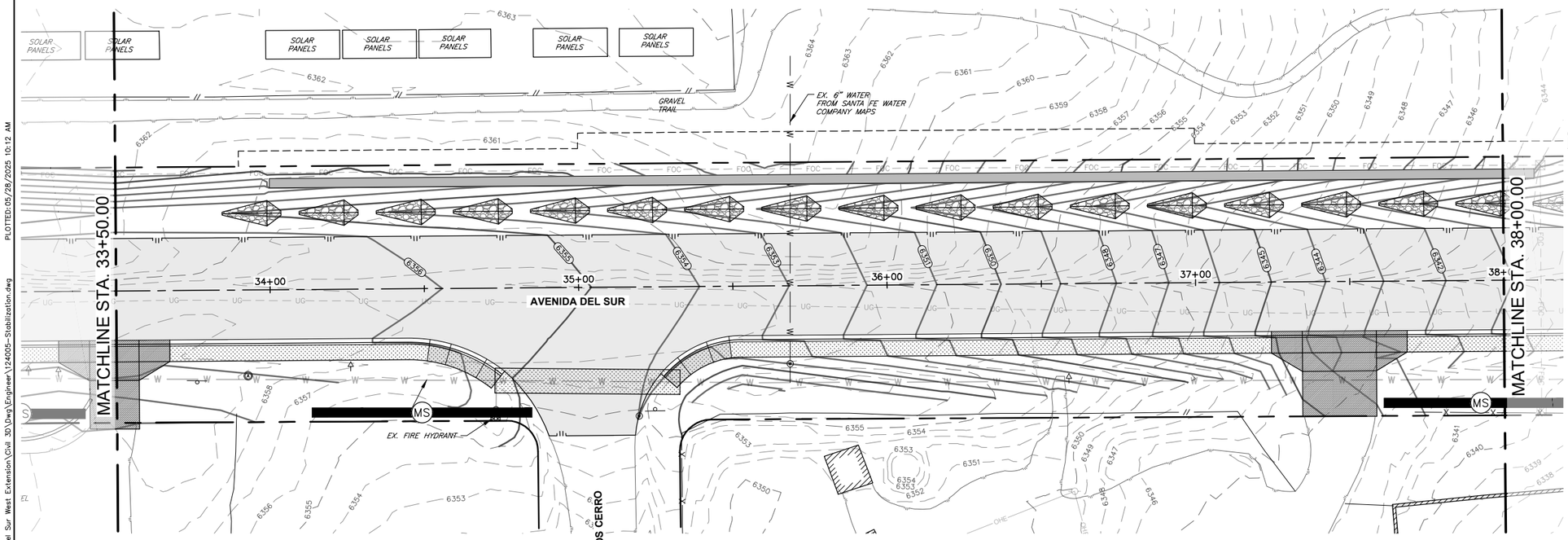
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 141 |

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# AVENIDA DEL SUR




# AVENIDA DEL SUR

N

0 20' 40'

SCALE IN FEET

## STABILIZATION LEGEND

- C — CUT SLOPE LIMITS *
- F — FILL SLOPE LIMITS *
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MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

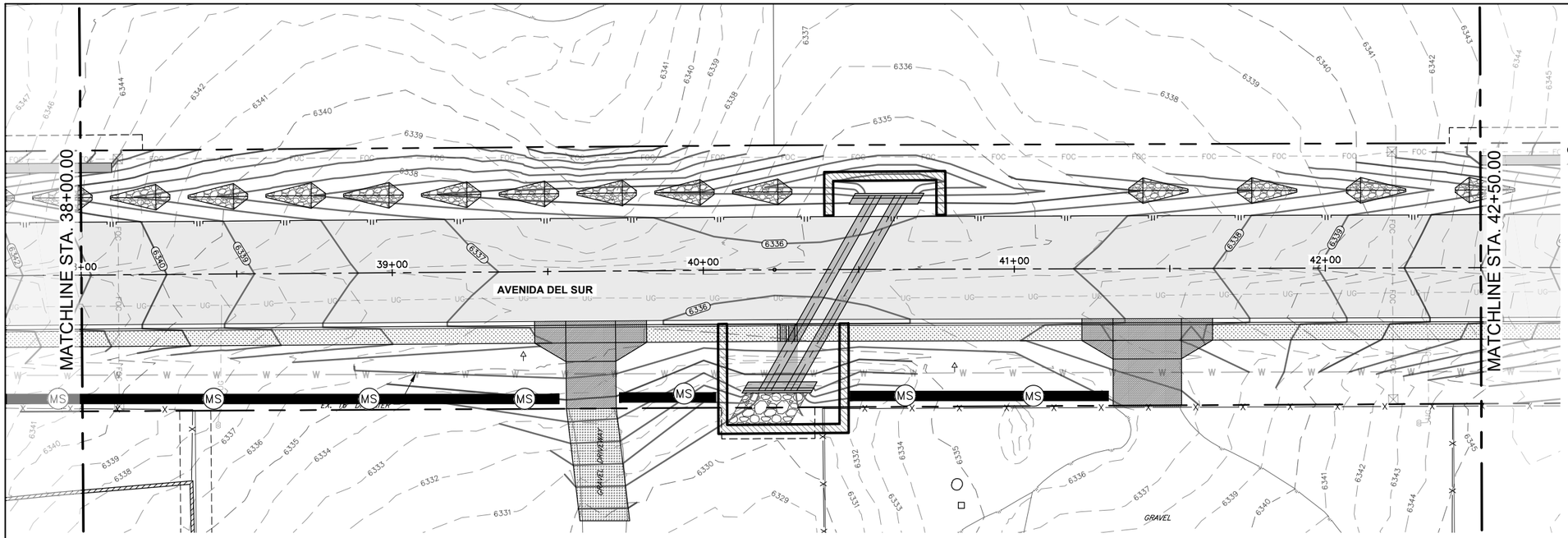
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

CONSTRUCTION FINAL
STABILIZATION PLAN

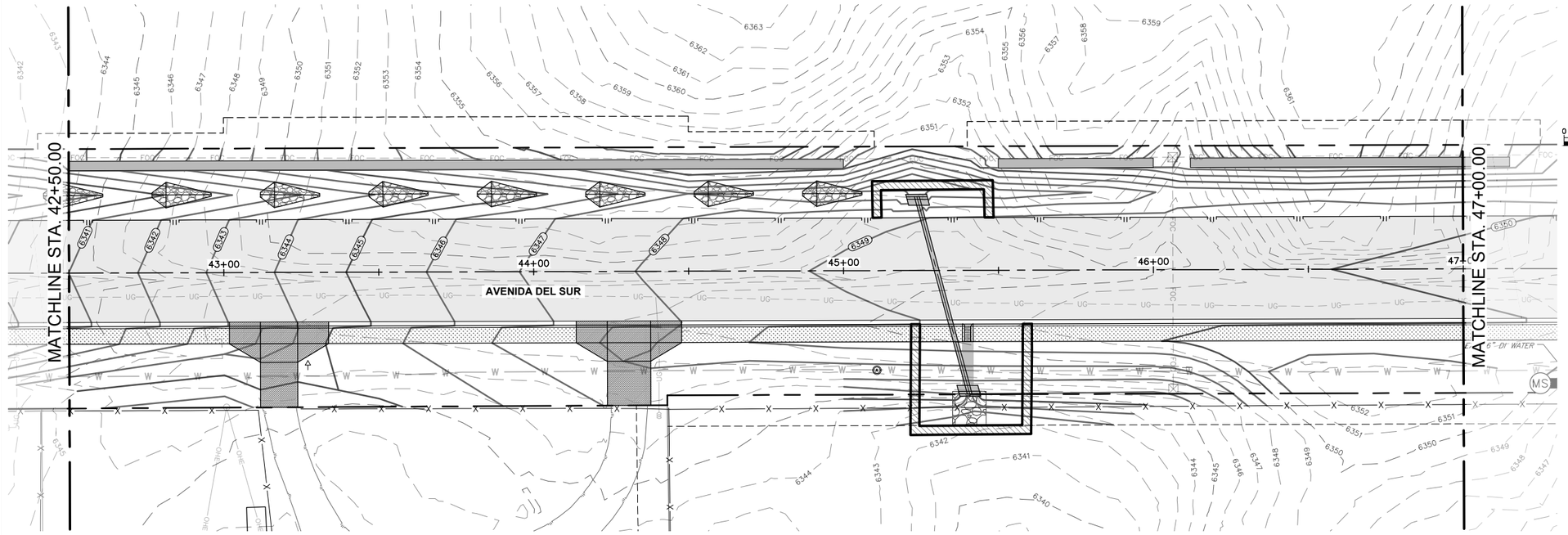
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 142 |

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AVENIDA DEL SUR




AVENIDA DEL SUR

## STABILIZATION LEGEND

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5/28/25

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| | | | |

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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100195-00

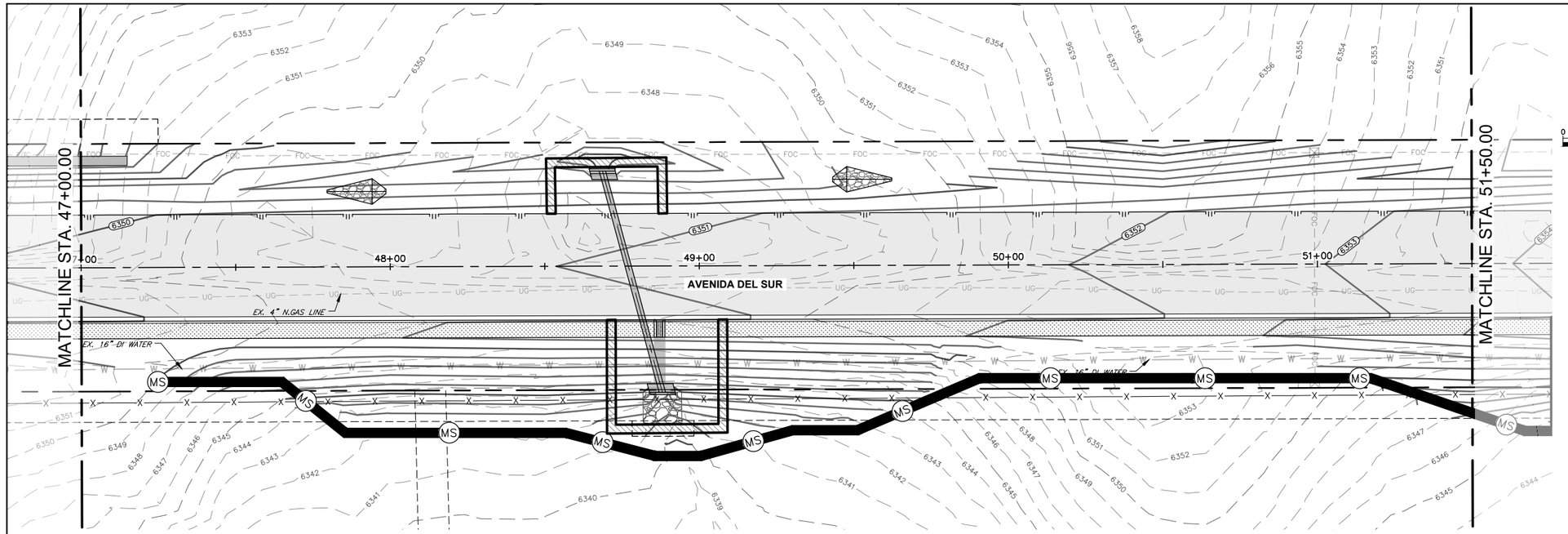
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# CONSTRUCTION FINAL STABILIZATION PLAN

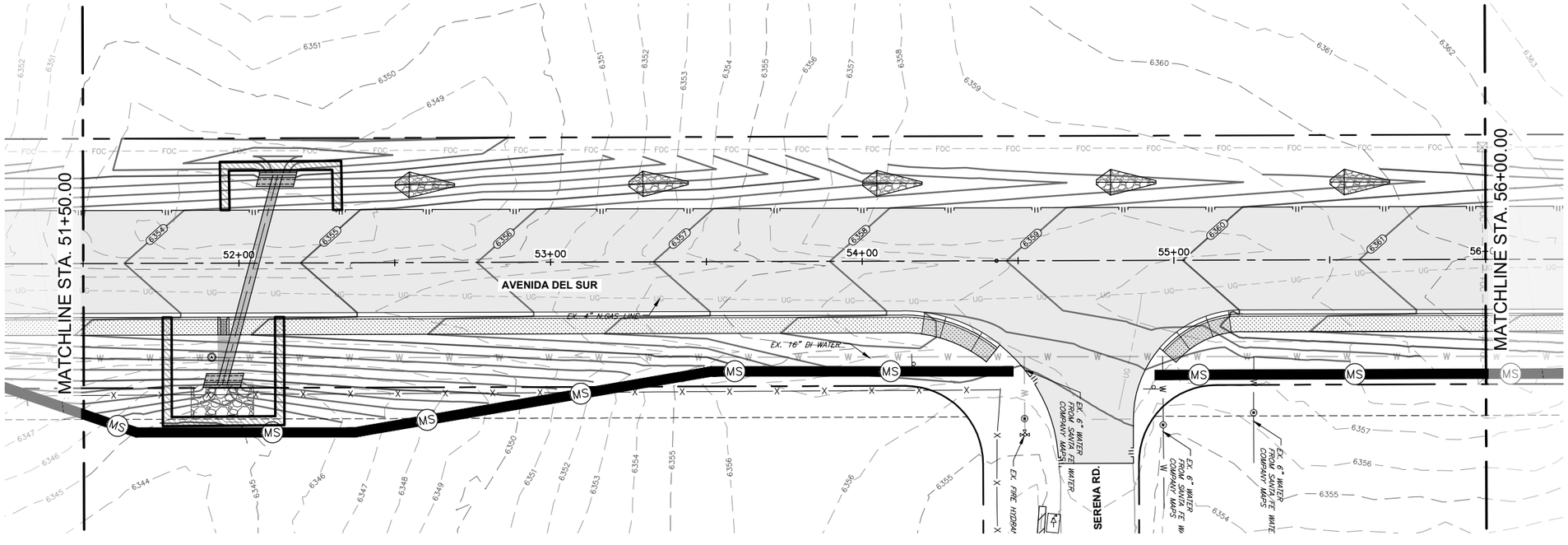
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 143 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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AVENIDA DEL SUR




AVENIDA DEL SUR

## STABILIZATION LEGEND

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NOTE:
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SCALE IN FEET: 0, 20', 40'

MARK ROETZEL
NEW MEXICO
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PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

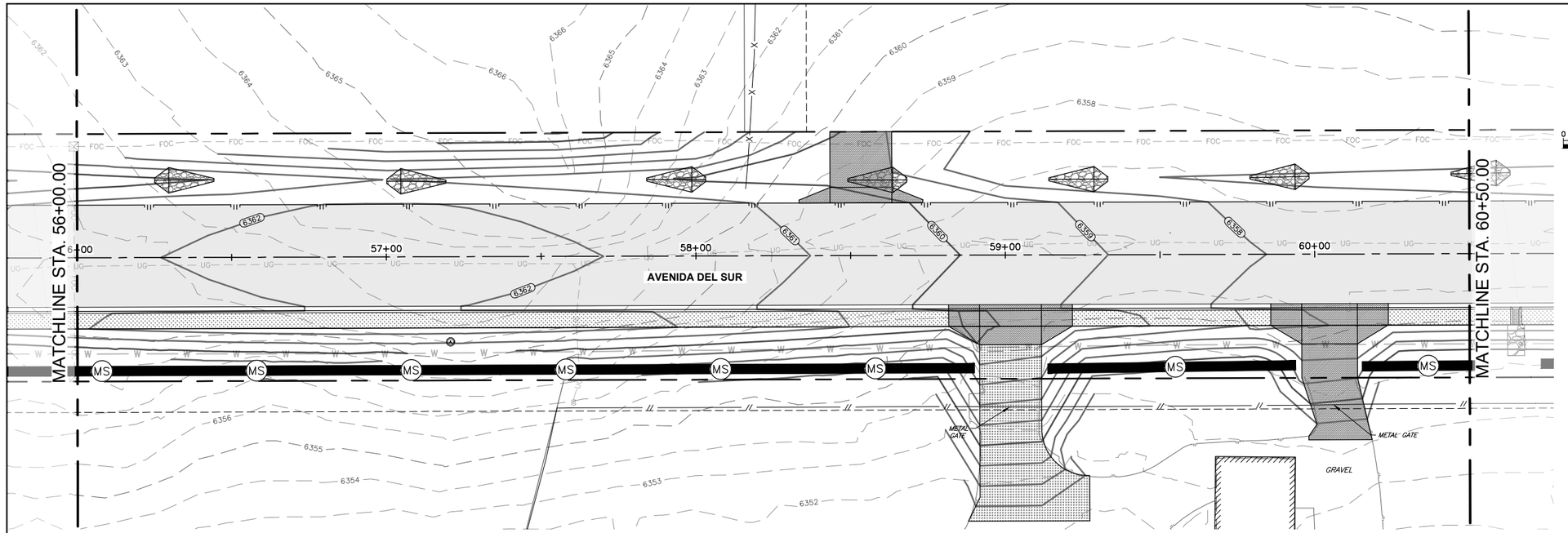
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

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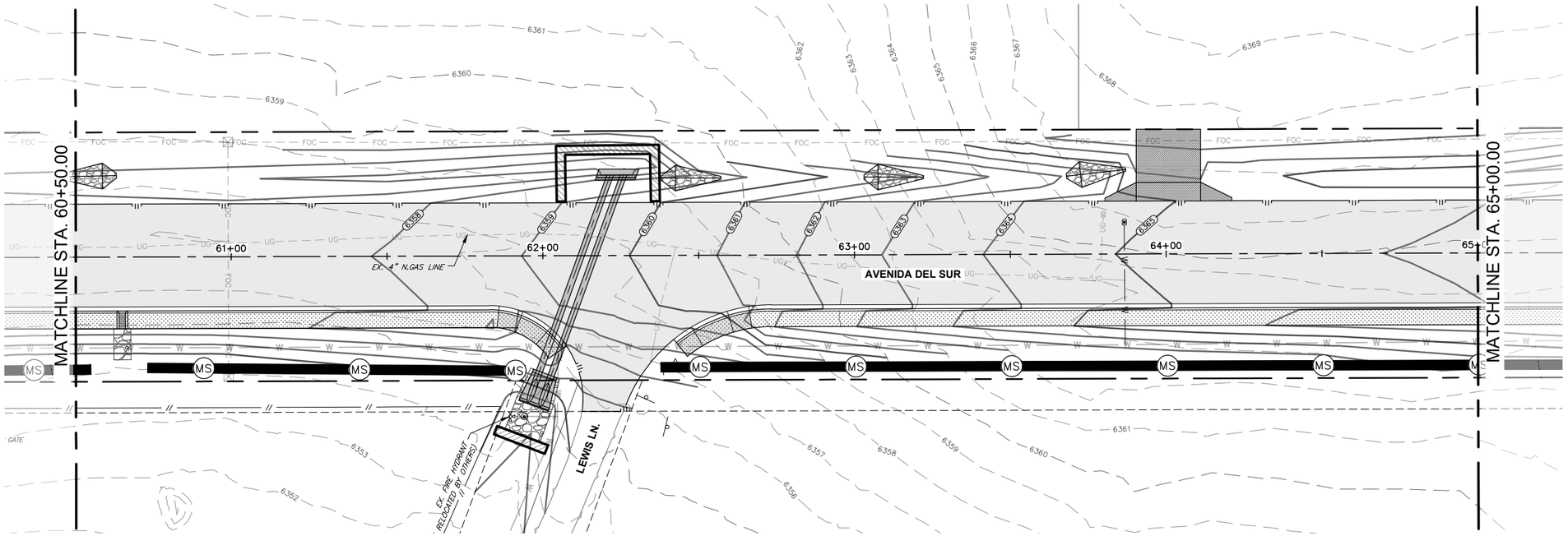
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 144 |

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# AVENIDA DEL SUR




# AVENIDA DEL SUR

N

0 20' 40'

SCALE IN FEET

## STABILIZATION LEGEND

- C — CUT SLOPE LIMITS *
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MARK ROETZEL
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5/28/25

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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
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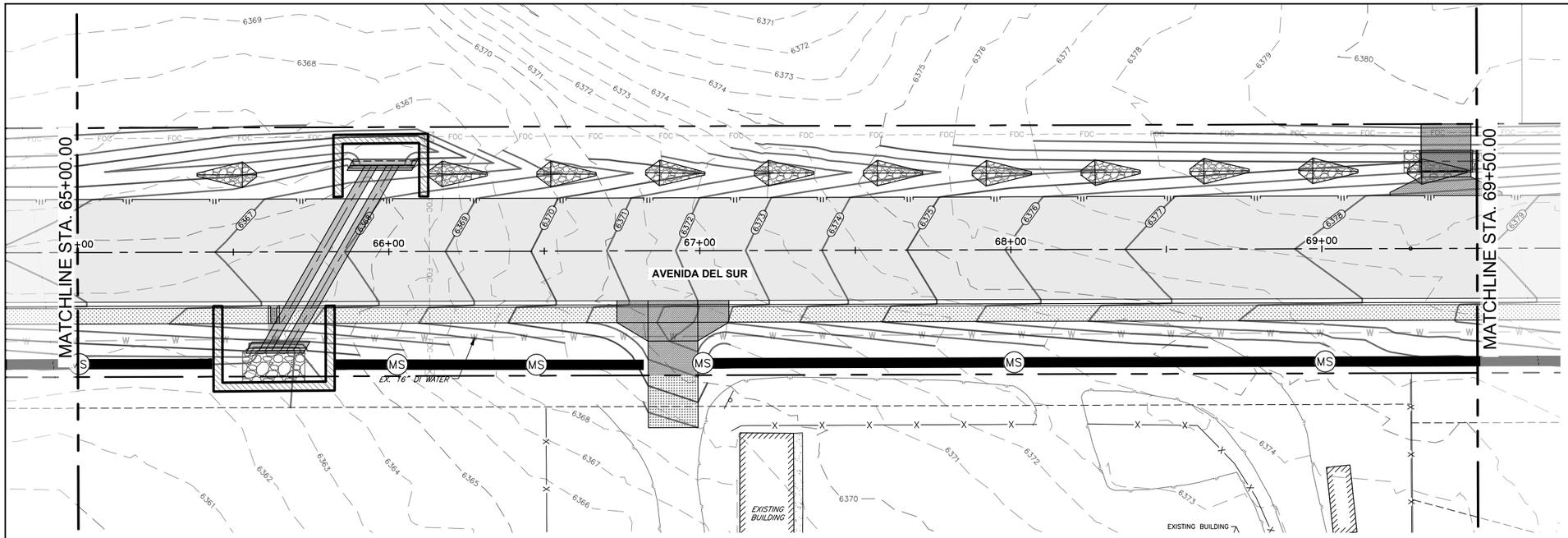
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

CONSTRUCTION FINAL
STABILIZATION PLAN

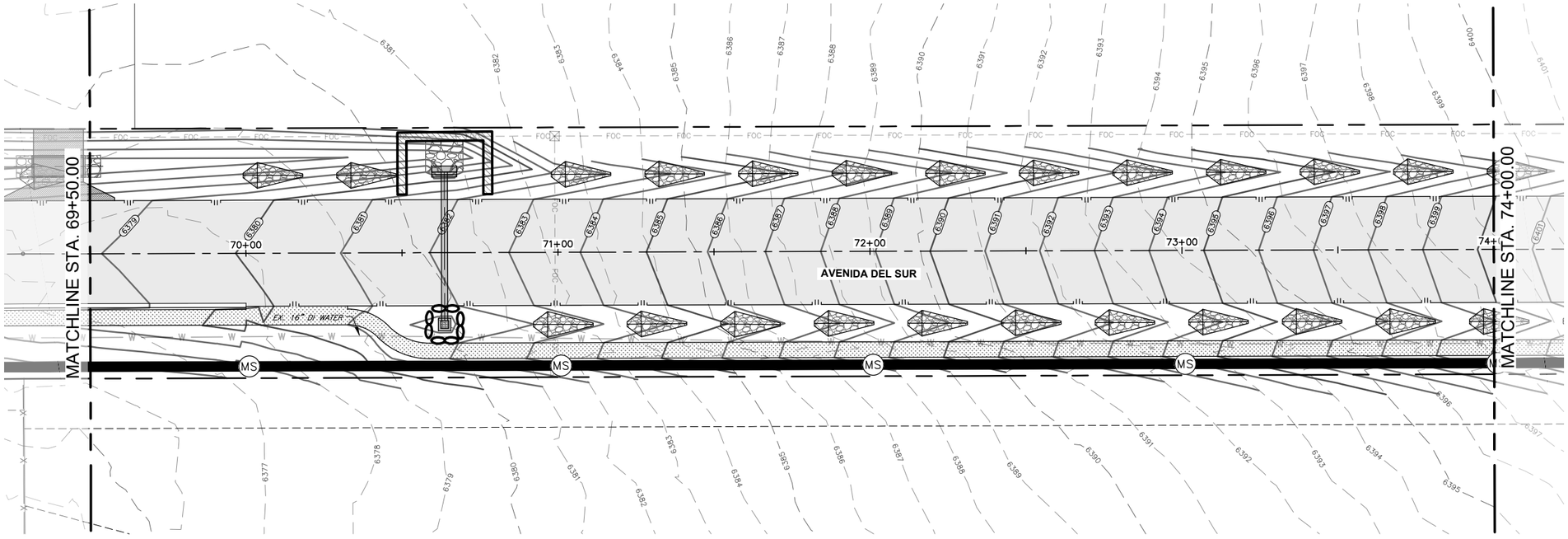
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 145 |

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AVENIDA DEL SUR




AVENIDA DEL SUR

## STABILIZATION LEGEND

- C — CUT SLOPE LIMITS *
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5/28/25

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ENGINEERS | SURVEYORS
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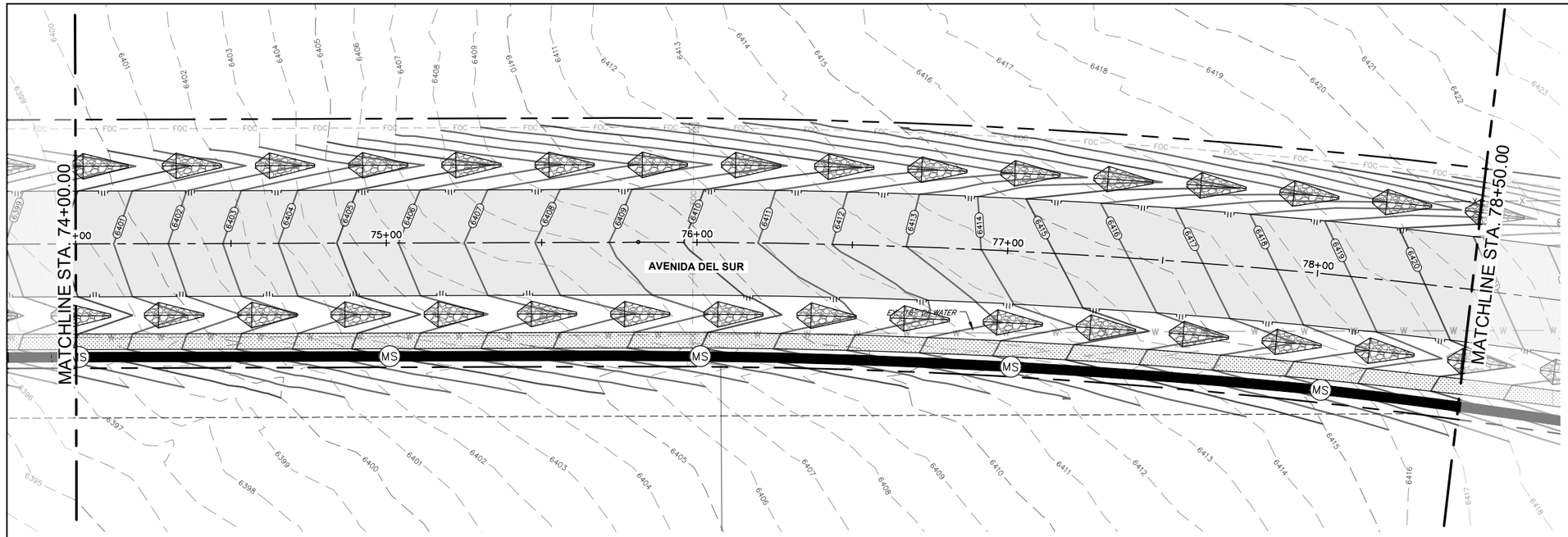
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

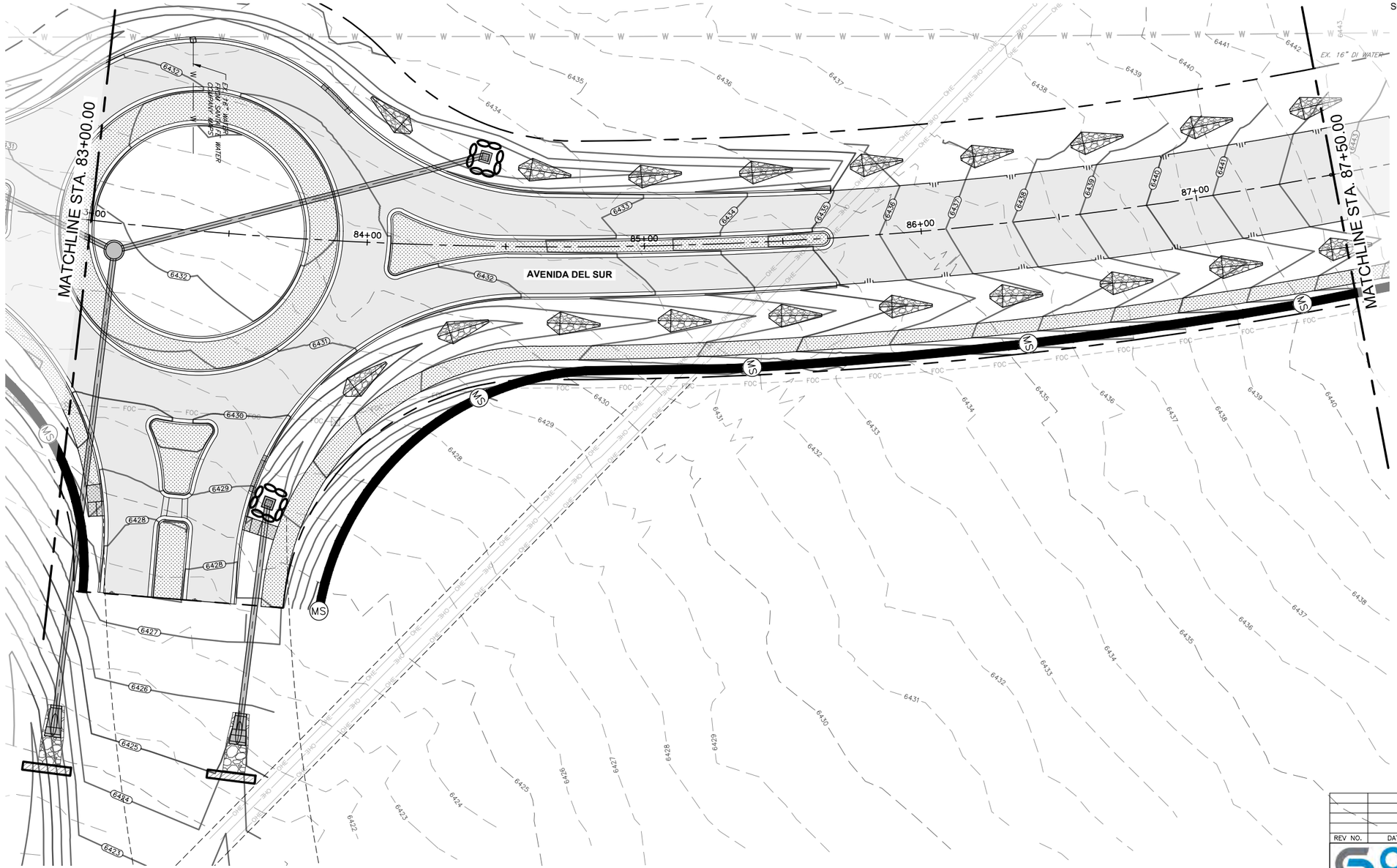
# CONSTRUCTION FINAL STABILIZATION PLAN

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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 146 |

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MATCHLINE STA. 74+00.00
MATCHLINE STA. 78+50.00
AVENIDA DEL SUR
75+00
76+00
77+00
78+00
EDGE OF WATER
MS
FOC
W
X
6400
6401
6402
6403
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## STABILIZATION LEGEND

- C — CUT SLOPE LIMITS *
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NOTE:
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MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery
ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

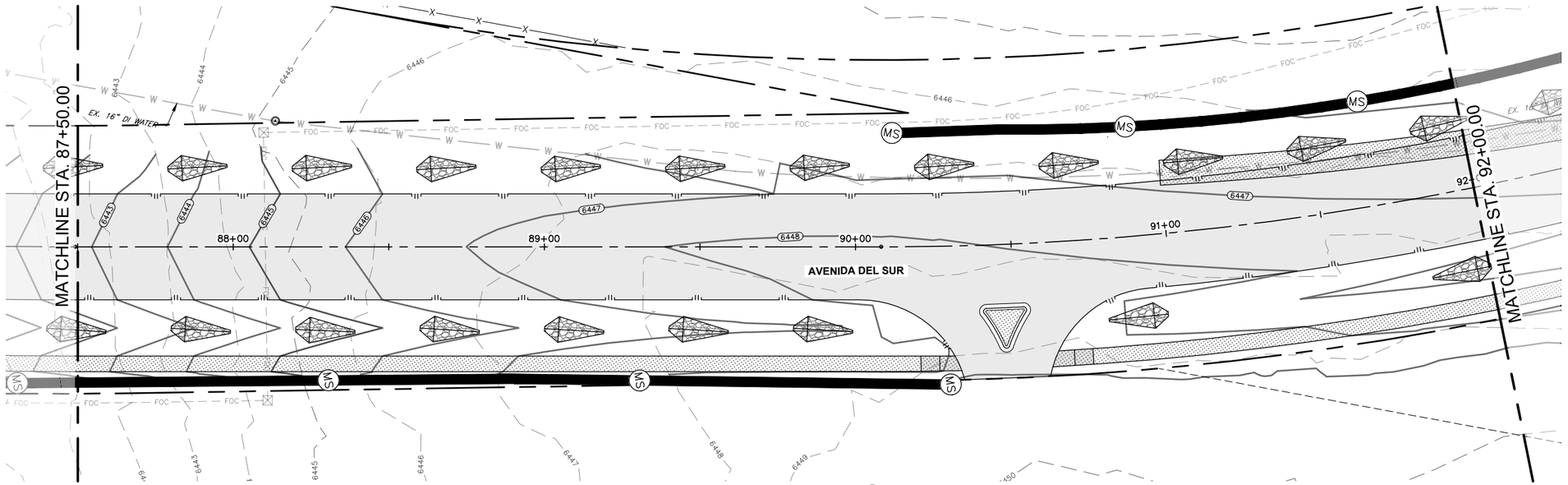
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## CONSTRUCTION FINAL STABILIZATION PLAN

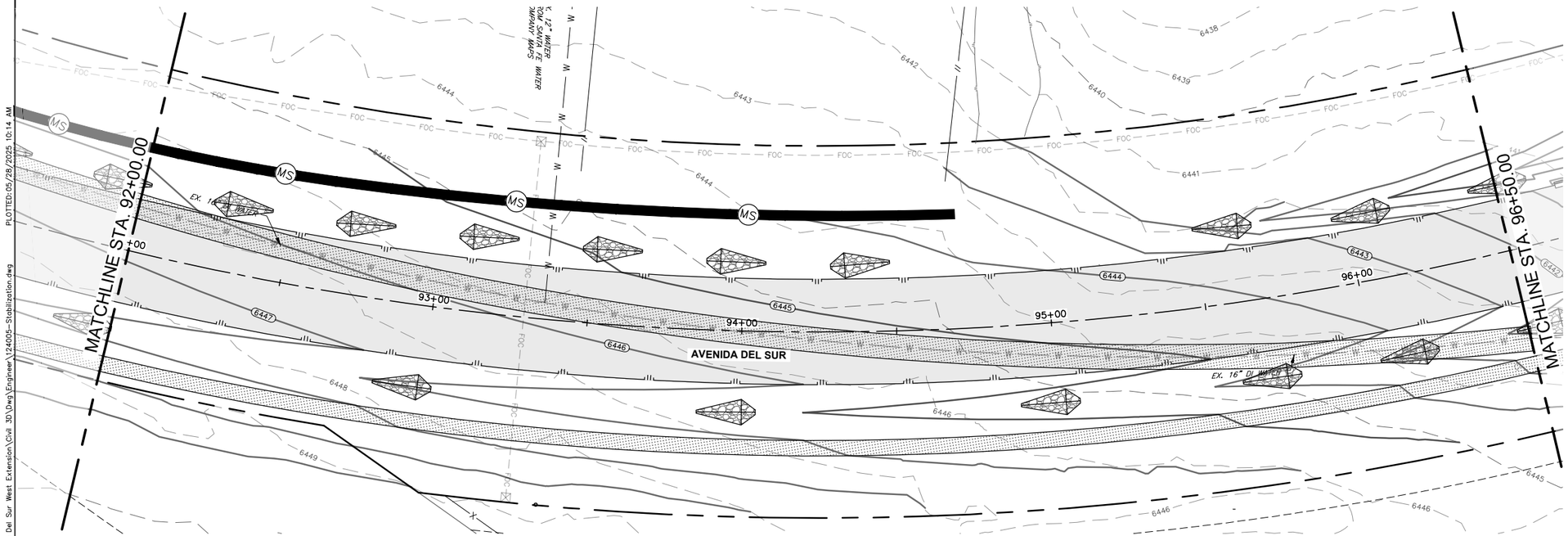
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 148 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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AVENIDA DEL SUR




AVENIDA DEL SUR

## STABILIZATION LEGEND

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NOTE:
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N

0 20' 40'
SCALE IN FEET

N

0 20' 40'
SCALE IN FEET

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

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SANTA FE COUNTY

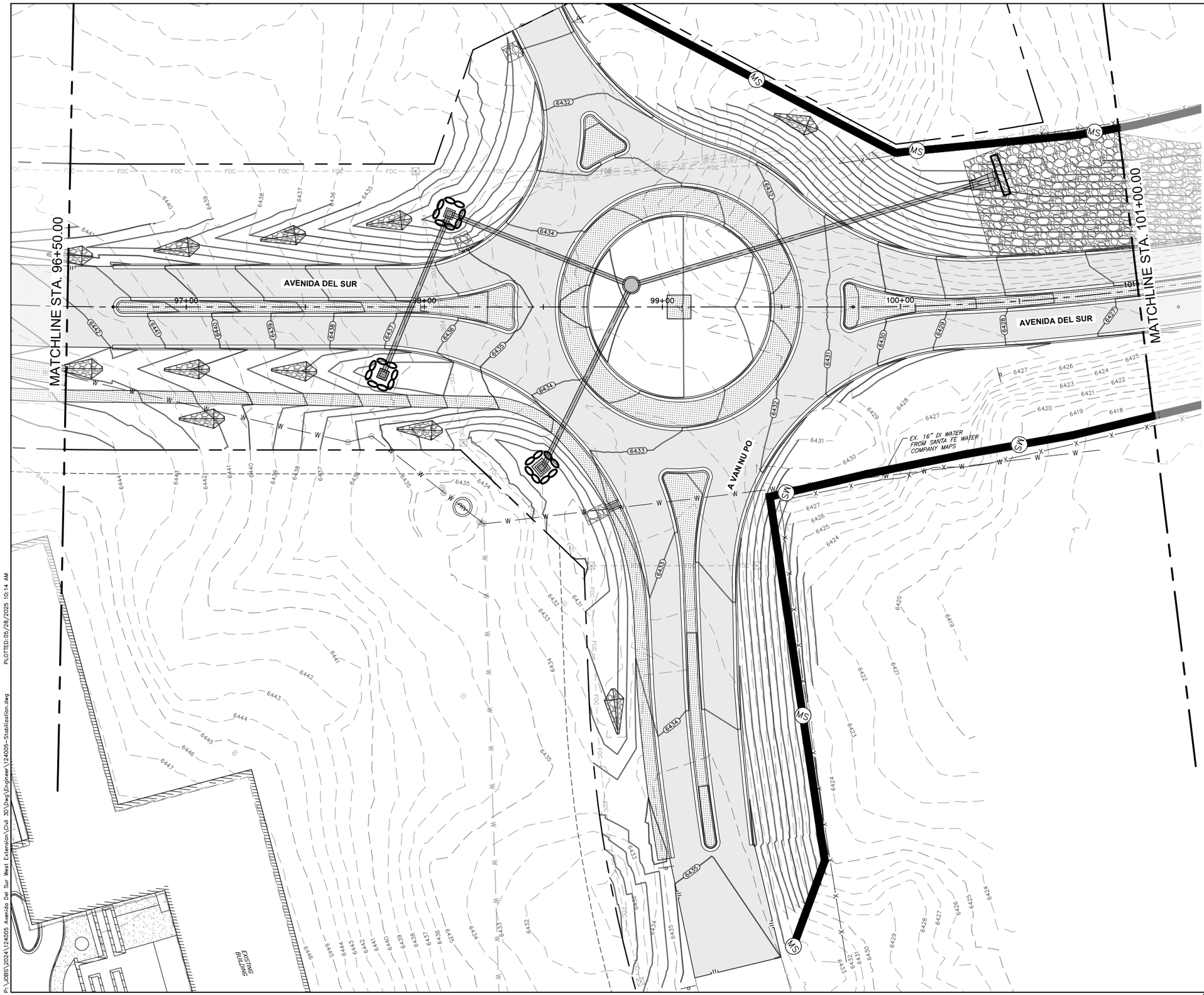
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

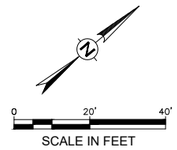
# CONSTRUCTION FINAL STABILIZATION PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
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MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
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| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# CONSTRUCTION FINAL STABILIZATION PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 150 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

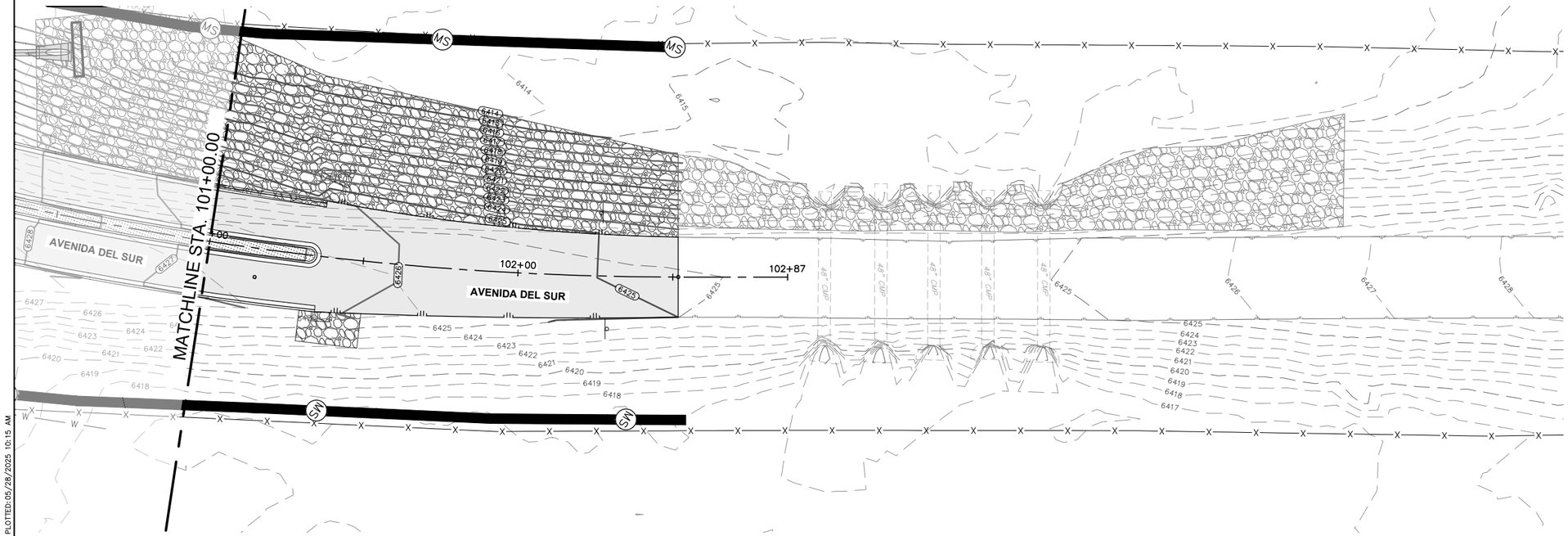
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# AVENIDA DEL SUR

MARK ROETZEL
NEW MEXICO
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PROFESSIONAL ENGINEER
5/28/25

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CDS muery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
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SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

CONSTRUCTION FINAL
STABILIZATION PLAN

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 151 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:15 AM
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Stabilization.dwg

| ITEM NO | ITEM | UNIT | SHEET 1 OF 13 | SHEET 2 OF 13 | SHEET 3 OF 13 | SHEET 4 OF 13 | SHEET 5 OF 13 | SHEET 6 OF 13 | SHEET 7 OF 13 | SHEET 8 OF 13 | SHEET 9 OF 13 | SHEET 10 OF 13 | SHEET 11 OF 13 | SHEET 12 OF 13 | SHEET 13 OF 13 | TOTAL QUANTITY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 701000 | PANEL SIGNS | SQ. FT. | 29.25 | 35.75 | 76.41 | 57.75 | | 29.25 | 34.25 | | 48.79 | 104.41 | 23.41 | 131.75 | 33.50 | 604.5 |
| 701030 | REMOVE PANEL SIGN | EACH | 1.00 | 1.00 | 5.00 | 2.00 | | 4.00 | 1.00 | | | | | | | 14.0 |
| 701100 | STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS | LIN. FT. | 66.00 | 82.00 | 145.00 | 129.50 | | 65.50 | 97.00 | | 148.00 | 213.00 | 66.50 | 313.00 | 66.00 | 1,391.5 |
| 702238 | BARRICADE TYPE III - 8' | EACH | | | | | | | | | | 10.00 | | | | 10.0 |
| 703002 | OBJECT MARKER TYPE 2 | EACH | | | 1.00 | 5.00 | 4.00 | 4.00 | 4.00 | 4.00 | 1.00 | 2.00 | | 4.00 | | 29.0 |
| 704000 | RETROREFLECTORIZED PAINTED MARKINGS 4" | LIN. FT. | 3700.00 | 3320.00 | 1865.00 | 1580.00 | 1800.00 | 1610.00 | 1640.00 | 1800.00 | 2465.00 | 2720.00 | 1060.00 | 2880.00 | 840.00 | 27,280.0 |
| 704002 | RETROREFLECTORIZED PAINTED MARKINGS 6" | LIN. FT. | 50.00 | | 1110.00 | 1680.00 | 1800.00 | 1710.00 | 1720.00 | 1800.00 | 1280.00 | 1035.00 | 760.00 | 20.00 | | 12,965.0 |
| 704004 | RETROREFLECTORIZED PAINTED MARKINGS 12" | LIN. FT. | 22.00 | | | | | | | | 20.00 | 28.00 | 12.00 | 10.00 | 24.00 | 116.0 |
| | RETROREFLECTORIZED PAINTED MARKINGS 18" | LIN. FT. | | | | | | | | | 10.00 | | | | | 10.0 |
| 704704 | HOT THERMOPLASTIC PAVEMENT MARKING 24" | LIN. FT. | | | 32.00 | 70.00 | | | | | | 60.00 | | | | 162.0 |
| 704715 | HOT THERMOPLASTIC PAVEMENT MARKING COMBINATION (THRU & RT/LT) ARROW | EACH | 2.00 | | | | | | | | 1.00 | 1.00 | | 4.00 | | 8.0 |
| 704717 | HOT THERMOPLASTIC PAVEMENT MARKING RIGHT ARROW | EACH | | | | | | | | | | | | 1.00 | | 1.0 |
| 704718 | HOT THERMOPLASTIC PAVEMENT MARKING LEFT ARROW | EACH | 3.00 | | | | | | | | | 1.00 | | | | 4.0 |
| 704719 | HOT THERMOPLASTIC PAVEMENT MARKING THRU ARROW | EACH | 2.00 | | | | | | | | | | | 1.00 | | 3.0 |
| 704728 | HOT THERMOPLASTIC PAVEMENT MARKING YIELD LINE | LIN. FT. | | | | | | | | | 15.00 | 15.00 | | 60.00 | | 90.0 |
| 704729 | HOT THERMOPLASTIC PAVEMENT MARKING FISH HOOK | EACH | | | | | | | | | 1.00 | 1.00 | | 4.00 | | 6.0 |
| 704720 | HOT THERMOPLASTIC PAVEMENT MARKING WORD (ONLY) | EACH | 1.00 | | | | | | | | | | | 1.00 | | 2.0 |
| 704732 | HOT THERMOPLASTIC PAVEMENT MARKING BIKE SYMBOL (BIKEWAY) | EACH | | | 3.00 | 3.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 3.00 | 2.00 | | | 21.0 |
| | FLASHING LED STOP SIGN SOLAR POWERED (SEE NOTES FOR EQUIPMENT REQUIREMENTS) | EACH | | | 1.00 | 1.00 | | | | | | | | | | 2.0 |

PLOTTED: 05/28/2025 10:08 AM
P:_JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005--Pvmt Markings and Signs.dwg

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E. PTOG, RSP1
At 5/1/2025

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

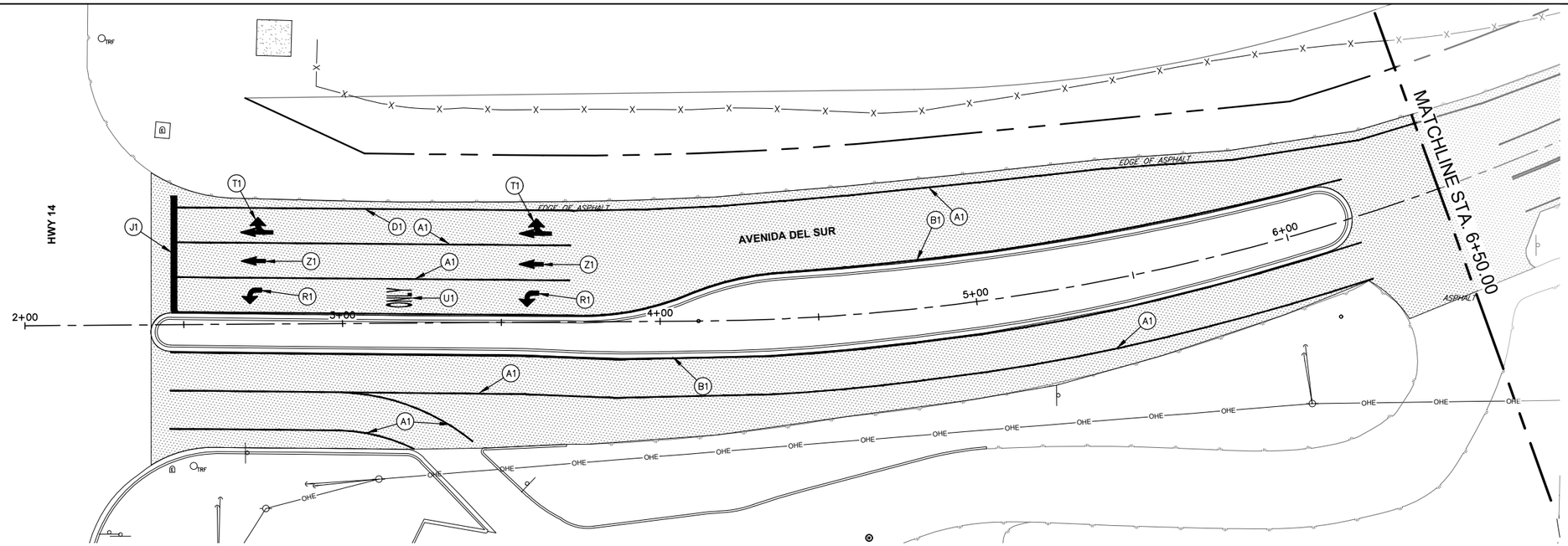
CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# AVENIDA DEL SUR
# PAVEMENT MARKINGS & SIGNS (SHEET 1 OF 13)

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 152 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**



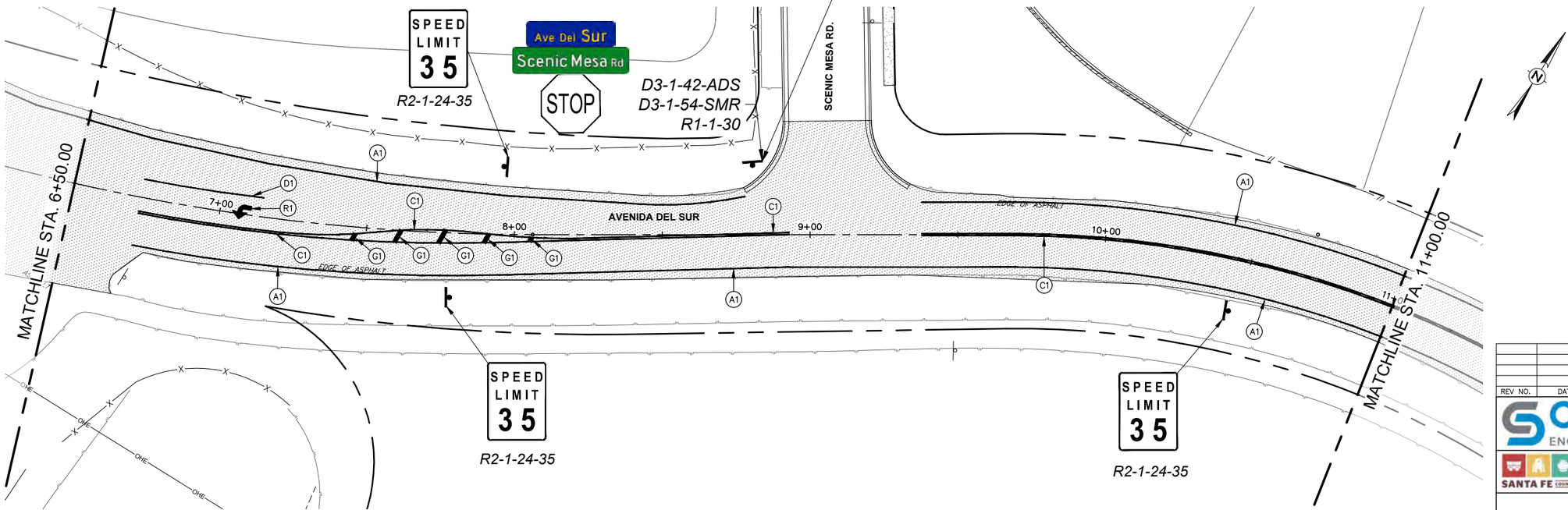

# AVENIDA DEL SUR

0 20' 40'

SCALE IN FEET

## STRIPING LEGEND

- A1 4" SOLID WHITE STRIPE
- B1 4" SOLID YELLOW STRIPE
- C1 4" SOLID DBL YELLOW STRIPE
- D1 6" SOLID WHITE STRIPE
- E1 6" DOTTED WHITE STRIPE
- F1 12" SOLID WHITE STRIPE
- G1 12" SOLID YELLOW STRIPE
- H1 18" DOTTED WHITE STRIPE
- J1 24" SOLID WHITE STRIPE
- K1 PVMT MARKING YIELD LINE
- L1 PVMT MARKING FISH HOOK (RT–LT)
- M1 PVMT MARKING FISH HOOK (TH–RT)
- N1 PVMT MARKING FISH HOOK (LT–TH)
- P1 PVMT MARKING FISH HOOK (TH–RT–LT)
- R1 PVMT MARKING LT ARROW
- S1 PVMT MARKING RT ARROW
- T1 PVMT MARKING COMBO ARROW (THRU/LT–RT)
- U1 PVMT MARKING WORD (ONLY)
- V1 PVMT MARKING WORD (BIKE LANE ARROW)
- W1 REMOVE EXISTING PVMT MARKING OR SYMBOL
- X1 MEDIAN NOSE CURB FACE MARKING
- Y1 ROUNDABOUT CENTRAL ISLAND CURB FACE MARKINGS
- Z1 PVMT MARKING THRU ARROW




# AVENIDA DEL SUR

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP1
11/11/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-17313 | TBPLS No. 100495-00

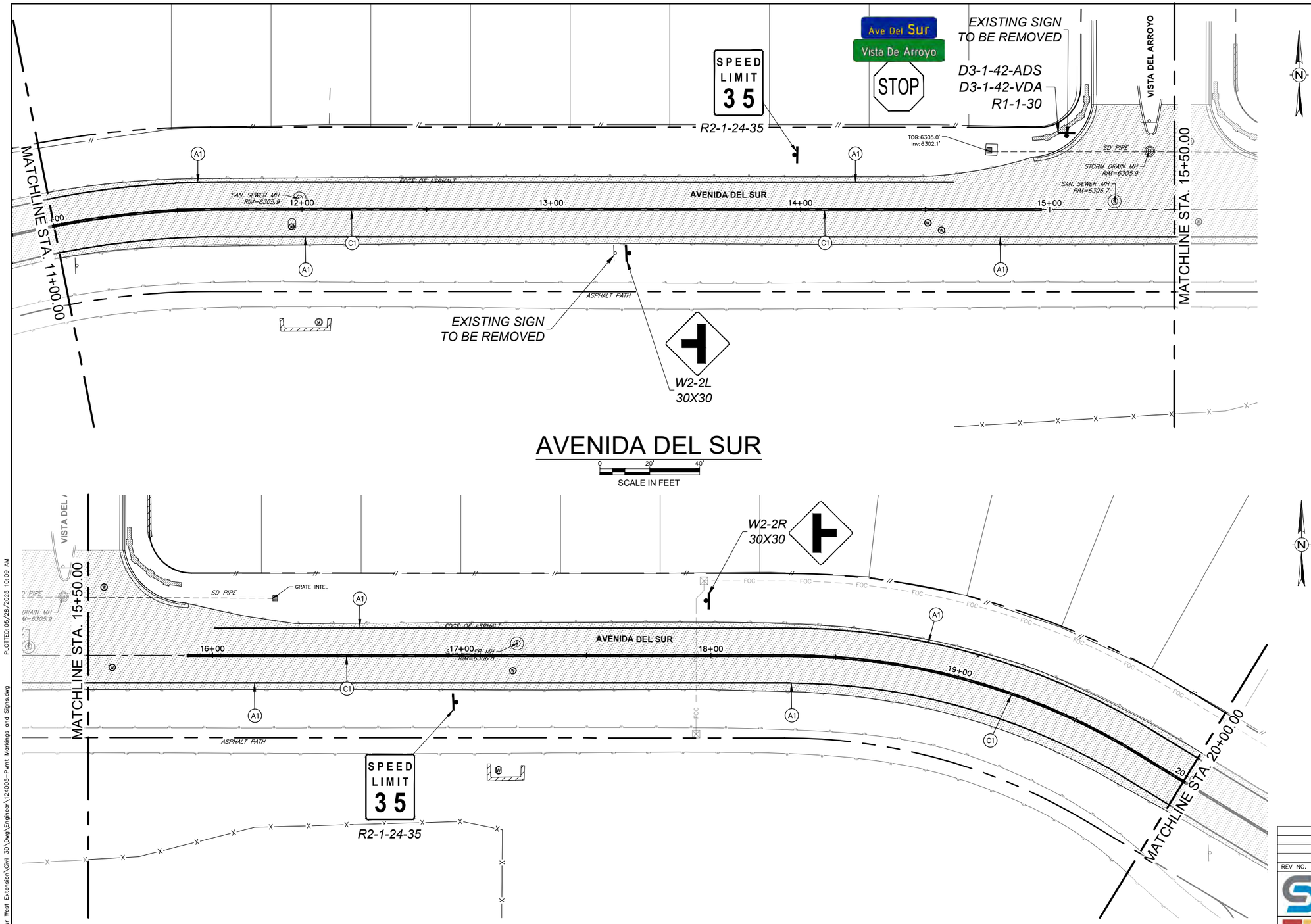
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
PAVEMENT MARKINGS & SIGNS
(SHEET 1 OF 13)

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 153 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005–Pvmt Markings and Signs.dwg PLOTTED: 05/28/2025 10:09 AM




# AVENIDA DEL SUR

# AVENIDA DEL SUR

## STRIPING LEGEND

| | |
|---|---|
| A1 | 4" SOLID WHITE STRIPE |
| B1 | 4" SOLID YELLOW STRIPE |
| C1 | 4" SOLID DBL YELLOW STRIPE |
| D1 | 6" SOLID WHITE STRIPE |
| E1 | 6" DOTTED WHITE STRIPE |
| F1 | 12" SOLID WHITE STRIPE |
| G1 | 12" SOLID YELLOW STRIPE |
| H1 | 18" DOTTED WHITE STRIPE |
| J1 | 24" SOLID WHITE STRIPE |
| K1 | PVMT MARKING YIELD LINE |
| L1 | PVMT MARKING FISH HOOK (RT–LT) |
| M1 | PVMT MARKING FISH HOOK (TH–RT) |
| N1 | PVMT MARKING FISH HOOK (LT–TH) |
| P1 | PVMT MARKING FISH HOOK (TH–RT–LT) |
| R1 | PVMT MARKING LT ARROW |
| S1 | PVMT MARKING RT ARROW |
| T1 | PVMT MARKING COMBO ARROW (THRU/LT–RT) |
| U1 | PVMT MARKING WORD (ONLY) |
| V1 | PVMT MARKING WORD (BIKE LANE ARROW) |
| W1 | REMOVE EXISTING PVMT MARKING OR SYMBOL |
| X1 | MEDIAN NOSE CURB FACE MARKING |
| Y1 | ROUNDABOUT CENTRAL ISLAND CURB FACE MARKINGS |
| Z1 | PVMT MARKING THRU ARROW |

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E. 05/28/2025
AI 1/1/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery
ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

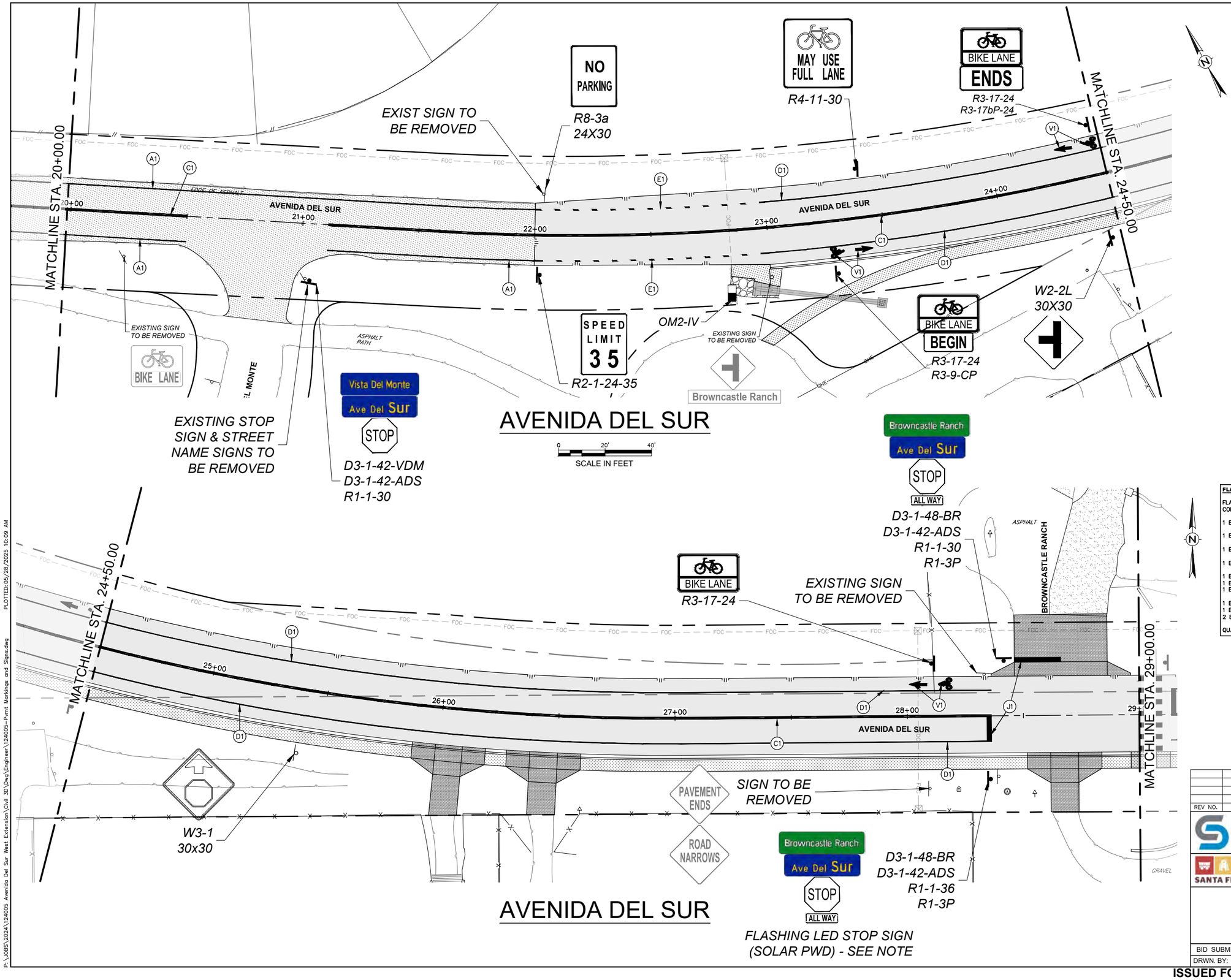
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
PAVEMENT MARKINGS & SIGNS
(SHEET 2 OF 13)

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 154 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:_JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005--Pvmt Markings and Signs.dwg PLOTTED: 05/28/2025 10:09 AM




# AVENIDA DEL SUR

# AVENIDA DEL SUR

*FLASHING LED STOP SIGN (SOLAR PWD) - SEE NOTE*

## STRIPING LEGEND

- (A1) 4" SOLID WHITE STRIPE
- (B1) 4" SOLID YELLOW STRIPE
- (C1) 4" SOLID DBL YELLOW STRIPE
- (D1) 6" SOLID WHITE STRIPE
- (E1) 6" DOTTED WHITE STRIPE
- (F1) 12" SOLID WHITE STRIPE
- (G1) 12" SOLID YELLOW STRIPE
- (H1) 18" DOTTED WHITE STRIPE
- (J1) 24" SOLID WHITE STRIPE
- (K1) PVMT MARKING YIELD LINE
- (L1) PVMT MARKING FISH HOOK (RT–LT)
- (M1) PVMT MARKING FISH HOOK (TH–RT)
- (N1) PVMT MARKING FISH HOOK (LT–TH)
- (P1) PVMT MARKING FISH HOOK (TH–RT–LT)
- (R1) PVMT MARKING LT ARROW
- (S1) PVMT MARKING RT ARROW
- (T1) PVMT MARKING COMBO ARROW (THRU/LT–RT)
- (U1) PVMT MARKING WORD (ONLY)
- (V1) PVMT MARKING WORD (BIKE LANE ARROW)
- (W1) REMOVE EXISTING PVMT MARKING OR SYMBOL
- (X1) MEDIAN NOSE CURB FACE MARKING
- (Y1) ROUNDABOUT CENTRAL ISLAND CURB FACE MARKINGS
- (Z1) PVMT MARKING THRU ARROW

**FLASHING LED STOP SIGN - EQUIPMENT REQUIREMENTS:**

FLASHING LED STOP SIGNS (36 INCH) SHALL BE FROM CONSOLIDATED TRAFFIC CONTROLS, INC. (CTC), AND THESE SIGNS SHALL HAVE THE FOLLOWING:

1 EA – BATTERY CABINET CINLUDING PANEL NO. 2 LOCK, REGULATOR, AND 4.5" UBOLT MOUNT 18W"x17H"x14" WITH GUARDIAN (PNS10–503333GK)
1 EA – 50 WATT SOLAR PANEL ASSY INCL SIDE POLE MOUNT AND WIRING (PNS10–SP50)
1 EA – 110 AMP HOUR AGM BATTERY INTERSTATE (TXDOT CABINETS) (PNS10–500645AGMI)
1 EA – 15' SPUN ALUMINUM POLE, BASE AND COLLAR AND ANCHOR BOLTS (PNS10–POLE15SPALASSY)
1 EA – 4"ANCHOR PELCO PB–5364
1 EA – OPTIONAL KNOCKDOWN SENSOR FOR DC GUARD (PNS10–501312SA4)
1 EA – FIVE YEAR PLAN WITH MODEM, CELL SERVICE, CABLE, MOUNT AND ANTENNA (PNS10–M2M5YE–4AK)
1 EA – INCLUDE AN APP WITH ANY MODEL AND PLAN (PNS10–503644)
1 EA – 36"STOP SIGN LED (R1–1 36 LED)
2 EA – 4 1/2 SIGN BRACKET 2 PER SET (Z BRACKET 4.5)

QUANTITIES ABOVE ARE FOR ONLY 1 FLASHING LED STOP SIGN (36 INCH).

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E. pp for MR
At 7/1/2025

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

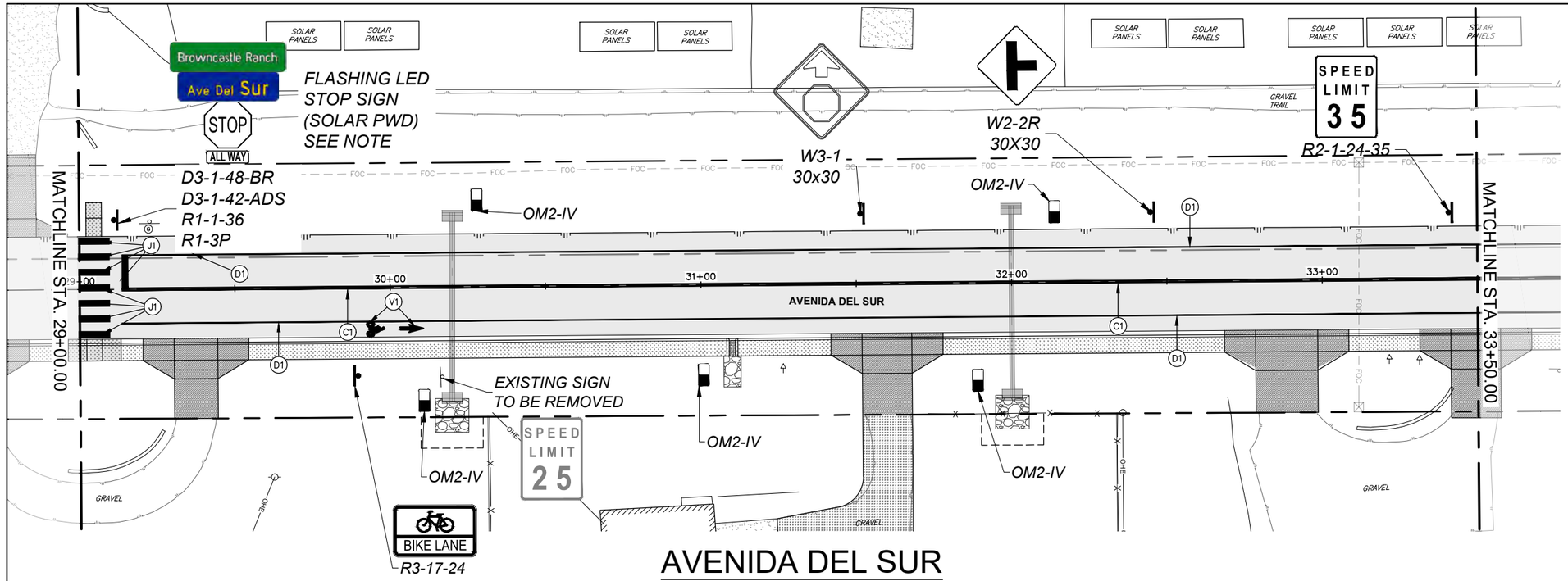
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
PAVEMENT MARKINGS & SIGNS
(SHEET 3 OF 13)

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 155 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

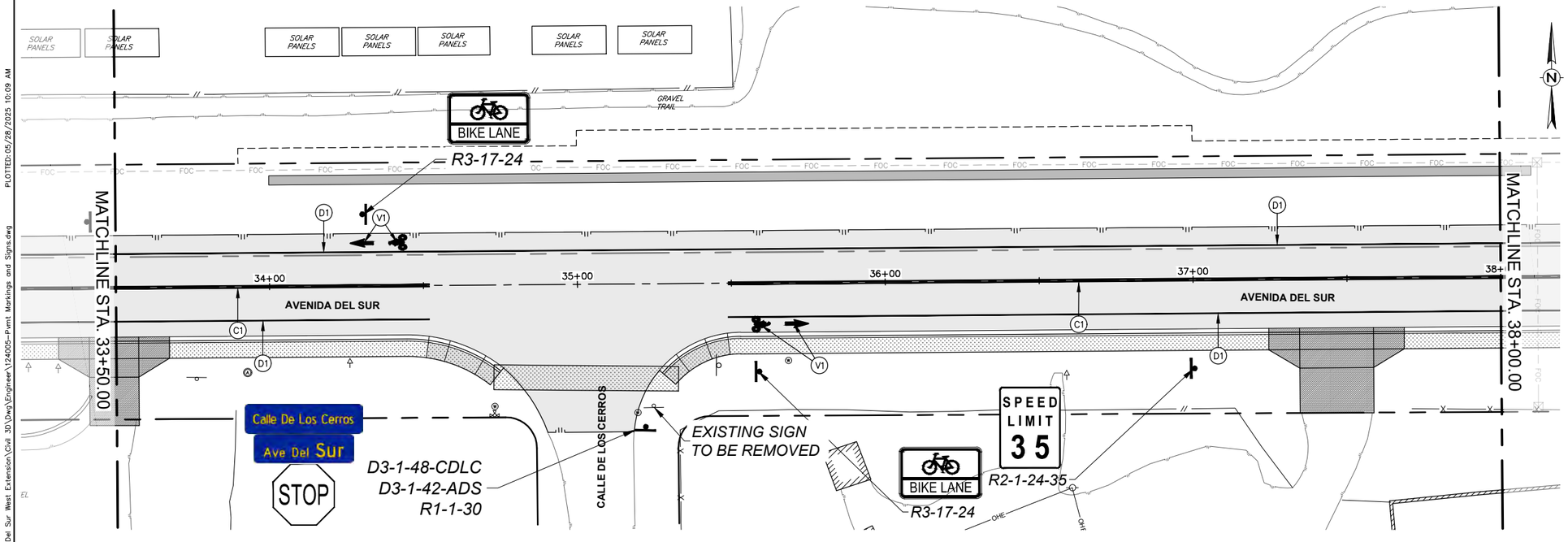
P:_JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005--Pvmt Markings and Signs.dwg PLOTTED: 05/28/2025 10:09 AM




# AVENIDA DEL SUR

0 20' 40'

SCALE IN FEET




# AVENIDA DEL SUR

## STRIPING LEGEND

- (A1) 4" SOLID WHITE STRIPE
- (B1) 4" SOLID YELLOW STRIPE
- (C1) 4" SOLID DBL YELLOW STRIPE
- (D1) 6" SOLID WHITE STRIPE
- (E1) 6" DOTTED WHITE STRIPE
- (F1) 12" SOLID WHITE STRIPE
- (G1) 12" SOLID YELLOW STRIPE
- (H1) 18" DOTTED WHITE STRIPE
- (J1) 24" SOLID WHITE STRIPE
- (K1) PVMT MARKING YIELD LINE
- (L1) PVMT MARKING FISH HOOK (RT–LT)
- (M1) PVMT MARKING FISH HOOK (TH–RT)
- (N1) PVMT MARKING FISH HOOK (LT–TH)
- (P1) PVMT MARKING FISH HOOK (TH–RT–LT)
- (R1) PVMT MARKING LT ARROW
- (S1) PVMT MARKING RT ARROW
- (T1) PVMT MARKING COMBO ARROW (THRU/LT–RT)
- (U1) PVMT MARKING WORD (ONLY)
- (V1) PVMT MARKING WORD (BIKE LANE ARROW)
- (W1) REMOVE EXISTING PVMT MARKING OR SYMBOL
- (X1) MEDIAN NOSE CURB FACE MARKING
- (Y1) ROUNDABOUT CENTRAL ISLAND CURB FACE MARKINGS
- (Z1) PVMT MARKING THRU ARROW

**FLASHING LED STOP SIGN - EQUIPMENT REQUIREMENTS:**

FLASHING LED STOP SIGNS (36 INCH) SHALL BE FROM CONSOLIDATED TRAFFIC CONTROLS, INC. (CTC), AND THESE SIGNS SHALL HAVE THE FOLLOWING:

1 EA – BATTERY CABINET CINLUDING PANEL NO. 2 LOCK, REGULATOR, AND 4.5" UBOLT MOUNT 18W"x17H"x14" WITH GUARDIAN (PNS10–503333GK)
1 EA – 50 WATT SOLAR PANEL ASSY INCL SIDE POLE MOUNT AND WIRING (PNS10–SP50)
1 EA – 110 AMP HOUR AGM BATTERY INTERSTATE (TXDOT CABINETS) (PNS10–500645AGMI)
1 EA – 15' SPUN ALUMINUM POLE, BASE AND COLLAR AND ANCHOR BOLTS (PNS10–POLE15SPALASSY)
1 EA – 4"ANCHOR PELCO PB–5364
1 EA – OPTIONAL KNOCKDOWN SENSOR FOR DC GUARD (PNS10–501312SA4)
1 EA – FIVE YEAR PLAN WITH MODEM, CELL SERVICE, CABLE, MOUNT AND ANTENNA (PNS10–M2M5YE–4AK)
1 EA – INCLUDE AN APP WITH ANY MODEL AND PLAN (PNS10–503644)
1 EA – 36"STOP SIGN LED (R1–1 36 LED)
2 EA – 4 1/2 SIGN BRACKET 2 PER SET (Z BRACKET 4.5)

QUANTITIES ABOVE ARE FOR ONLY 1 FLASHING LED STOP SIGN (36 INCH).

DIEGO A. LEYVA NEW MEXICO 30372 PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP
4/11/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

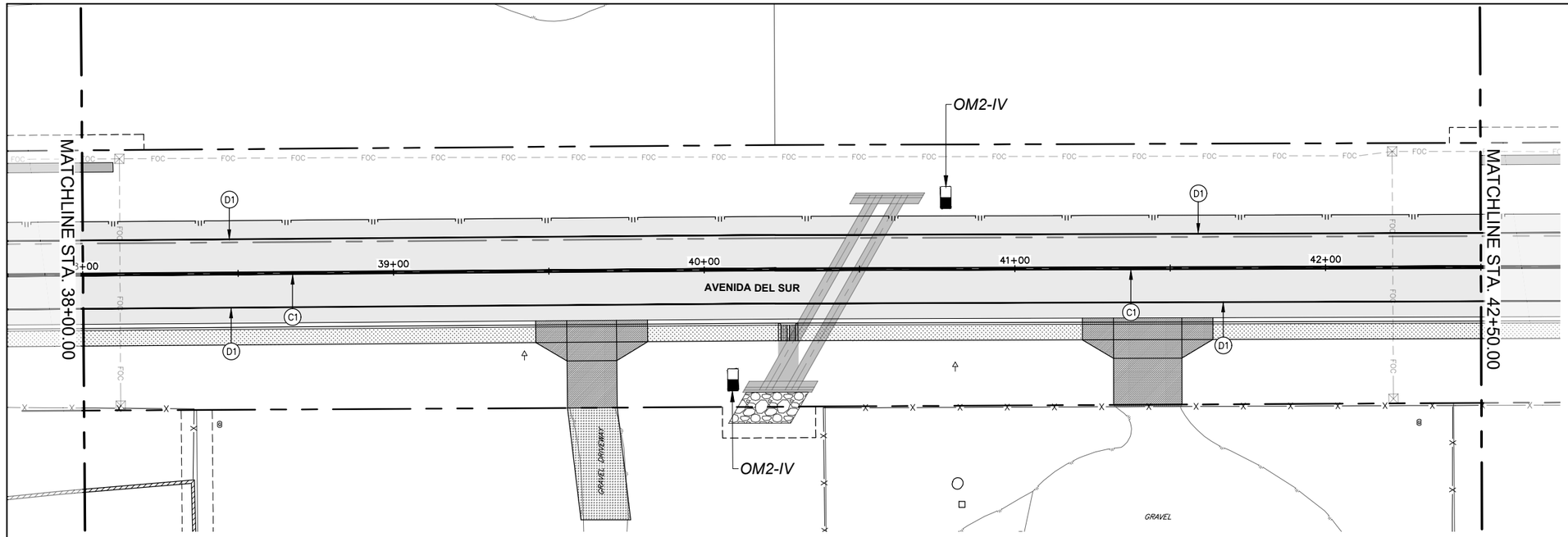
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
PAVEMENT MARKINGS & SIGNS
(SHEET 4 OF 13)

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 156 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

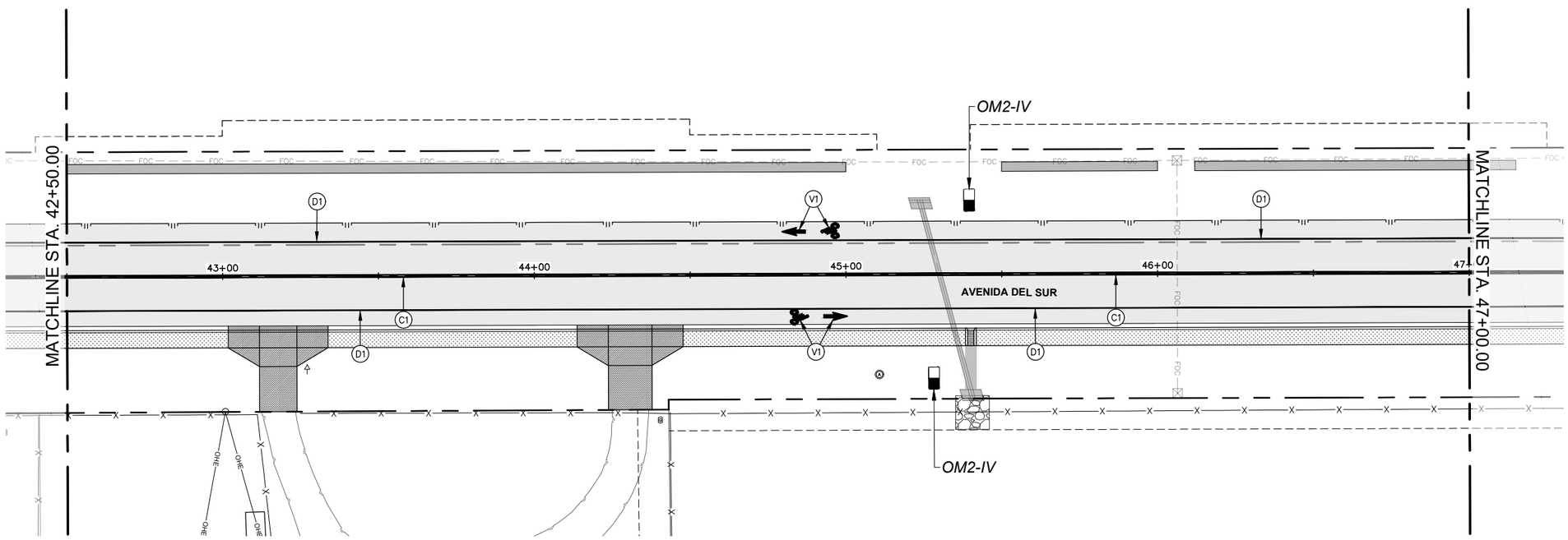
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# AVENIDA DEL SUR

0 20' 40'

SCALE IN FEET




# AVENIDA DEL SUR

## STRIPING LEGEND

- A1 4" SOLID WHITE STRIPE
- B1 4" SOLID YELLOW STRIPE
- C1 4" SOLID DBL YELLOW STRIPE
- D1 6" SOLID WHITE STRIPE
- E1 6" DOTTED WHITE STRIPE
- F1 12" SOLID WHITE STRIPE
- G1 12" SOLID YELLOW STRIPE
- H1 18" DOTTED WHITE STRIPE
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- U1 PVMT MARKING WORD (ONLY)
- V1 PVMT MARKING WORD (BIKE LANE ARROW)
- W1 REMOVE EXISTING PVMT MARKING OR SYMBOL
- X1 MEDIAN NOSE CURB FACE MARKING
- Y1 ROUNDABOUT CENTRAL ISLAND CURB FACE MARKINGS
- Z1 PVMT MARKING THRU ARROW

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP1
4/11/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

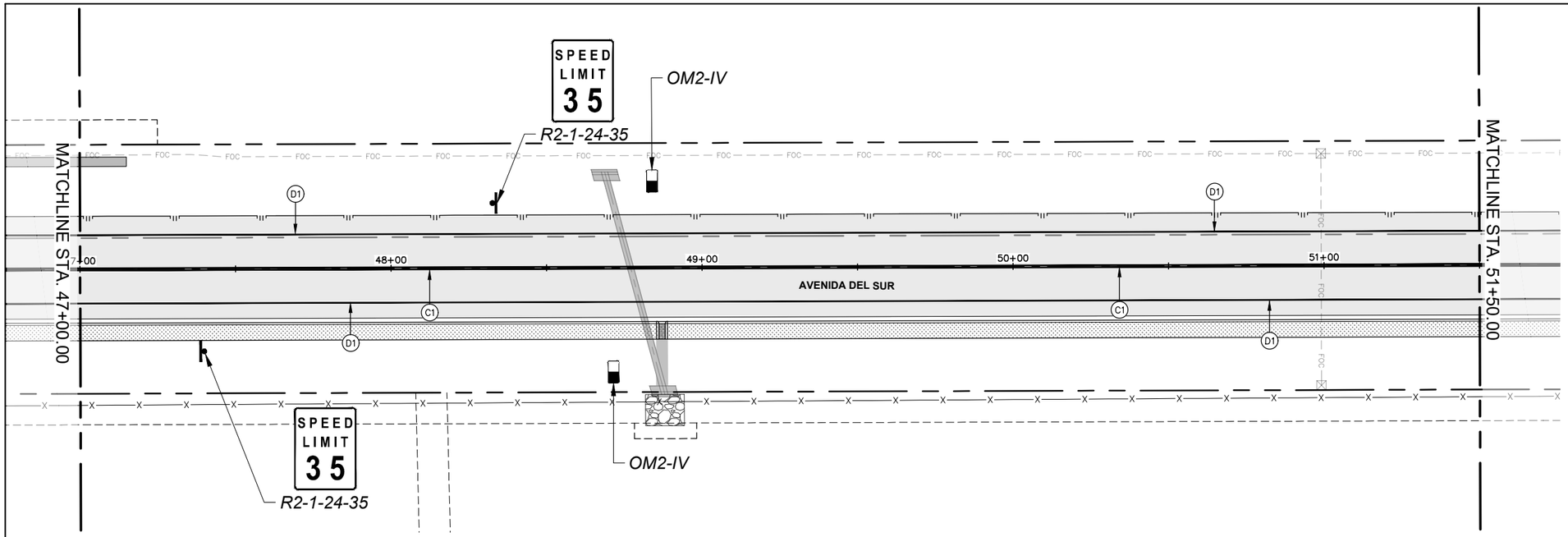
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
PAVEMENT MARKINGS & SIGNS
(SHEET 5 OF 13)

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 157 |

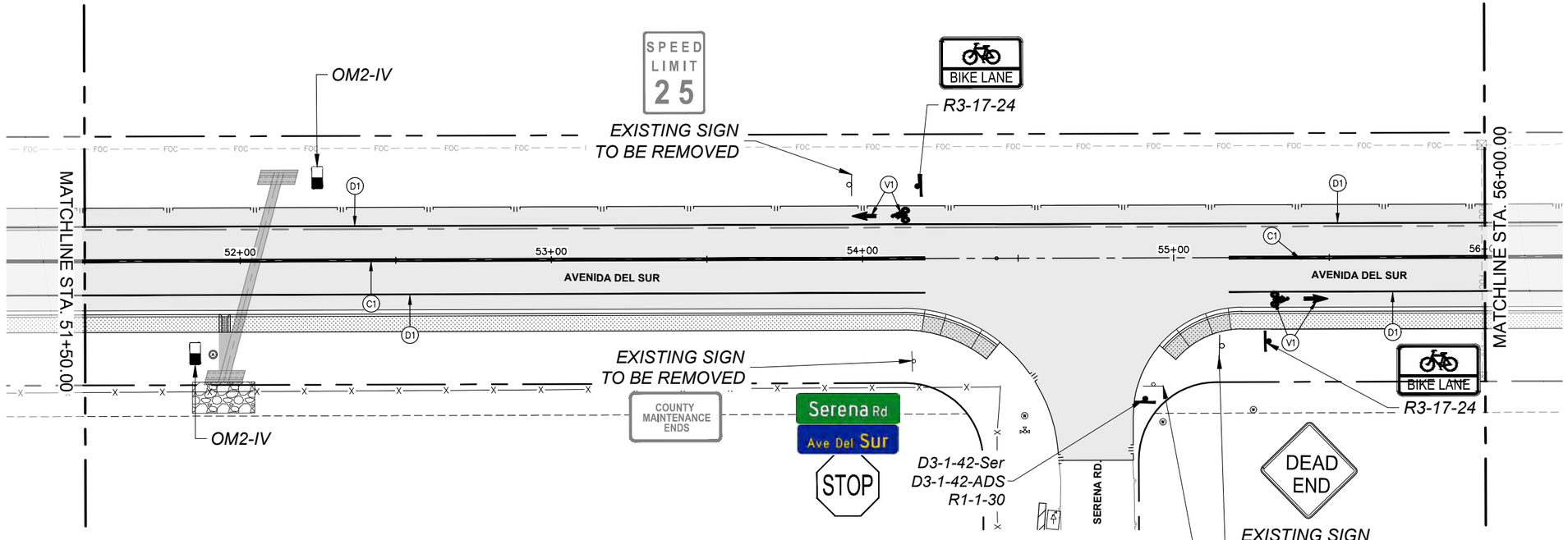
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:09 AM
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Pvmt Markings and Signs.dwg




# AVENIDA DEL SUR

SCALE IN FEET




# AVENIDA DEL SUR

## STRIPING LEGEND

- A1 4" SOLID WHITE STRIPE
- B1 4" SOLID YELLOW STRIPE
- C1 4" SOLID DBL YELLOW STRIPE
- D1 6" SOLID WHITE STRIPE
- E1 6" DOTTED WHITE STRIPE
- F1 12" SOLID WHITE STRIPE
- G1 12" SOLID YELLOW STRIPE
- H1 18" DOTTED WHITE STRIPE
- J1 24" SOLID WHITE STRIPE
- K1 PVMT MARKING YIELD LINE
- L1 PVMT MARKING FISH HOOK (RT–LT)
- M1 PVMT MARKING FISH HOOK (TH–RT)
- N1 PVMT MARKING FISH HOOK (LT–TH)
- P1 PVMT MARKING FISH HOOK (TH–RT–LT)
- R1 PVMT MARKING LT ARROW
- S1 PVMT MARKING RT ARROW
- T1 PVMT MARKING COMBO ARROW (THRU/LT–RT)
- U1 PVMT MARKING WORD (ONLY)
- V1 PVMT MARKING WORD (BIKE LANE ARROW)
- W1 REMOVE EXISTING PVMT MARKING OR SYMBOL
- X1 MEDIAN NOSE CURB FACE MARKING
- Y1 ROUNDABOUT CENTRAL ISLAND CURB FACE MARKINGS
- Z1 PVMT MARKING THRU ARROW

DIEGO A. LEYVA NEW MEXICO 30372 PROFESSIONAL ENGINEER
Diego Leyva, P.E. #30372 4/11/2025

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

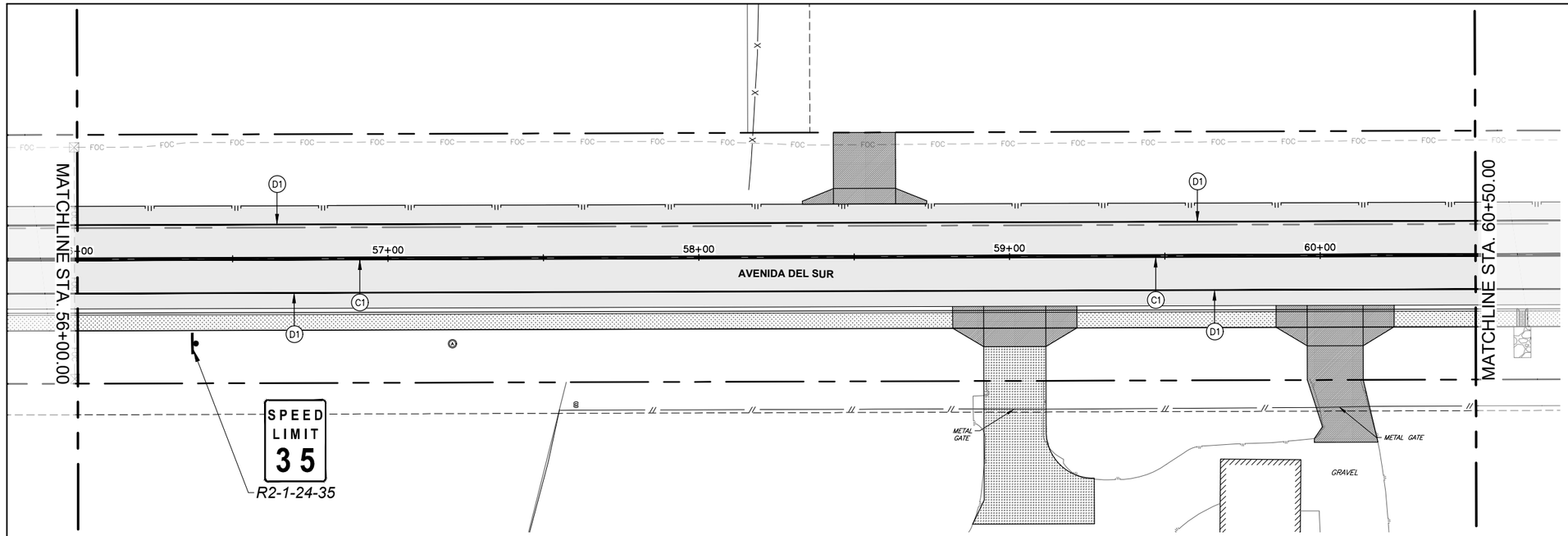
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
PAVEMENT MARKINGS & SIGNS
(SHEET 6 OF 13)

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 158 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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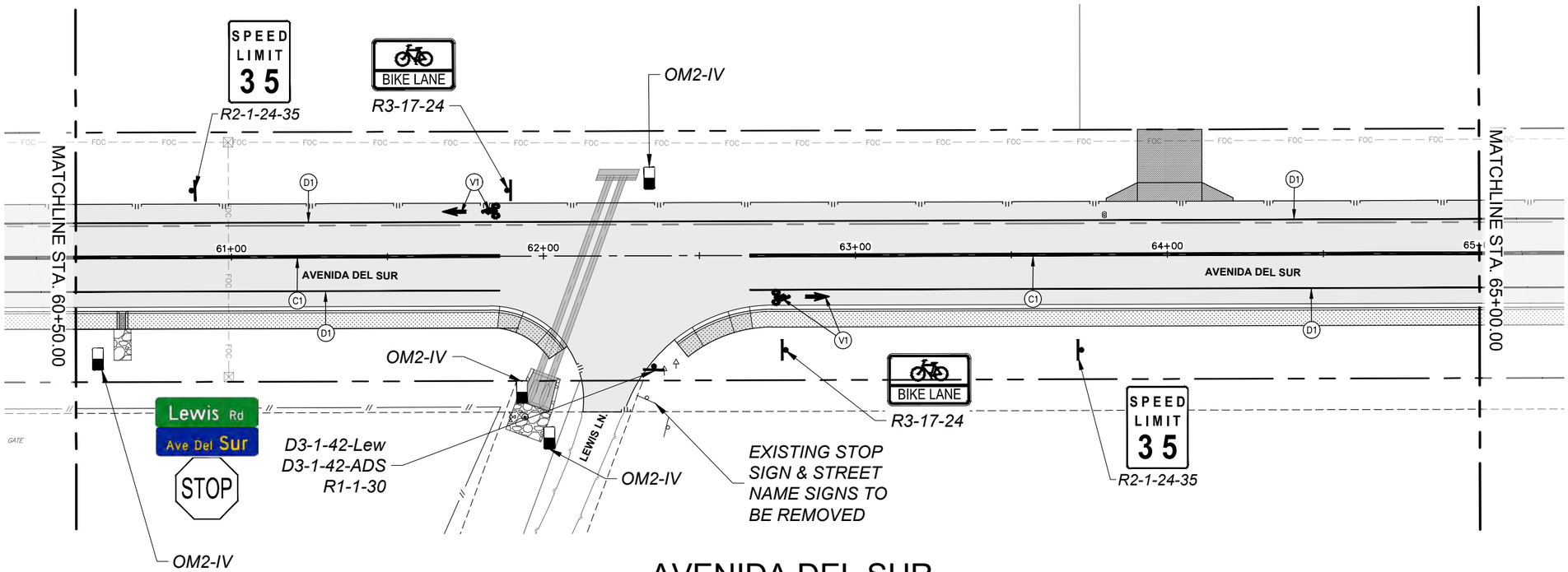

# AVENIDA DEL SUR

0 20' 40'

SCALE IN FEET

## STRIPING LEGEND

- (A1) 4" SOLID WHITE STRIPE
- (B1) 4" SOLID YELLOW STRIPE
- (C1) 4" SOLID DBL YELLOW STRIPE
- (D1) 6" SOLID WHITE STRIPE
- (E1) 6" DOTTED WHITE STRIPE
- (F1) 12" SOLID WHITE STRIPE
- (G1) 12" SOLID YELLOW STRIPE
- (H1) 18" DOTTED WHITE STRIPE
- (J1) 24" SOLID WHITE STRIPE
- (K1) PVMT MARKING YIELD LINE
- (L1) PVMT MARKING FISH HOOK (RT–LT)
- (M1) PVMT MARKING FISH HOOK (TH–RT)
- (N1) PVMT MARKING FISH HOOK (LT–TH)
- (P1) PVMT MARKING FISH HOOK (TH–RT–LT)
- (R1) PVMT MARKING LT ARROW
- (S1) PVMT MARKING RT ARROW
- (T1) PVMT MARKING COMBO ARROW (THRU/LT–RT)
- (U1) PVMT MARKING WORD (ONLY)
- (V1) PVMT MARKING WORD (BIKE LANE ARROW)
- (W1) REMOVE EXISTING PVMT MARKING OR SYMBOL
- (X1) MEDIAN NOSE CURB FACE MARKING
- (Y1) ROUNDABOUT CENTRAL ISLAND CURB FACE MARKINGS
- (Z1) PVMT MARKING THRU ARROW




# AVENIDA DEL SUR

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP
4/11/2025

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

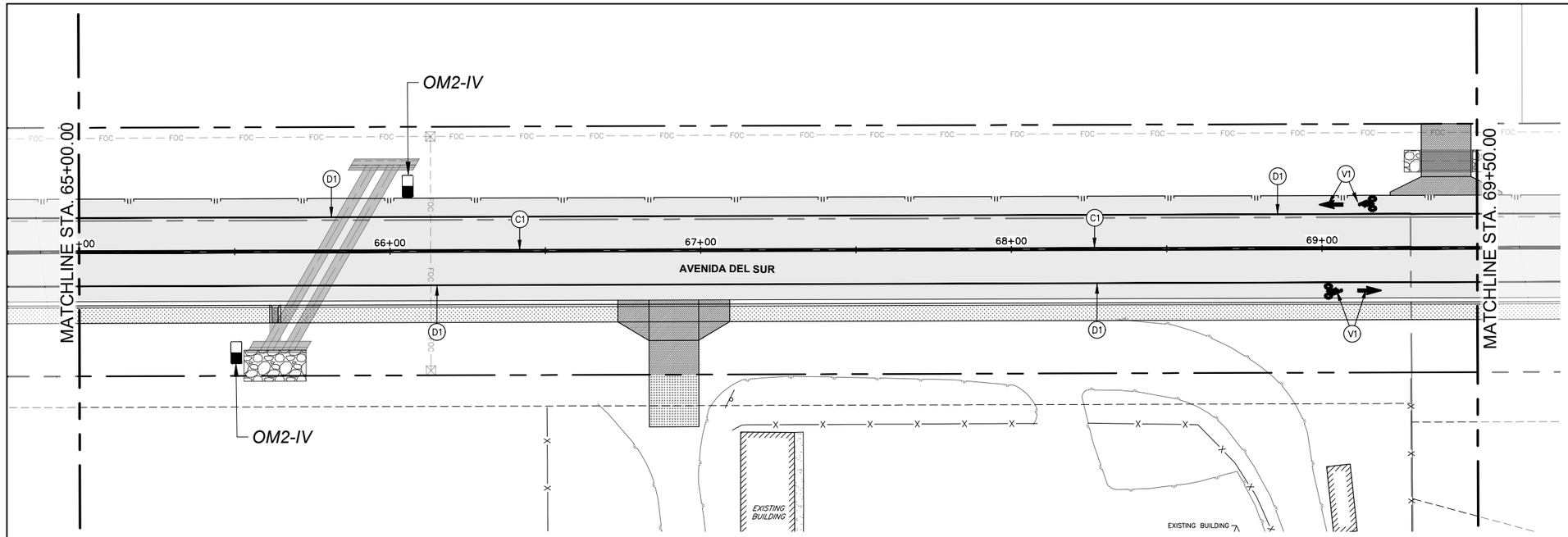
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
PAVEMENT MARKINGS & SIGNS
(SHEET 7 OF 13)

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 159 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:_v08S\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005–Pvmt Markings and Signs.dwg PLOTTED: 05/28/2025 10:09 AM



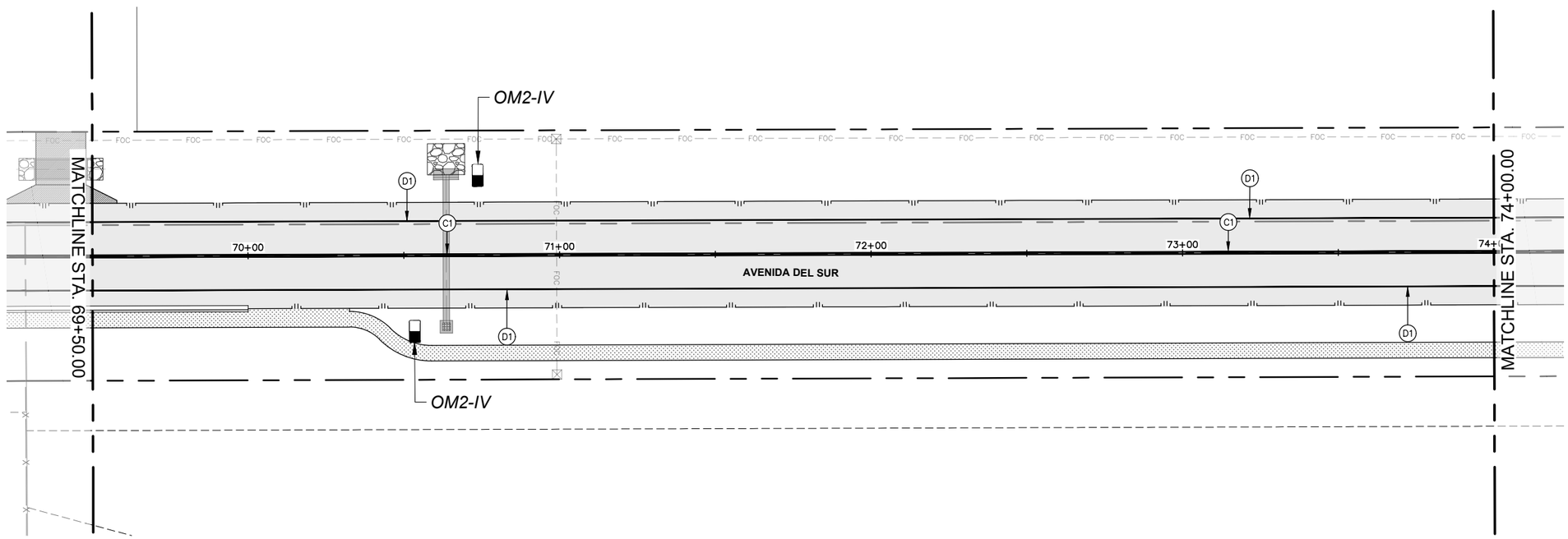

# AVENIDA DEL SUR

0 20' 40'

SCALE IN FEET

## STRIPING LEGEND

- (A1) 4" SOLID WHITE STRIPE
- (B1) 4" SOLID YELLOW STRIPE
- (C1) 4" SOLID DBL YELLOW STRIPE
- (D1) 6" SOLID WHITE STRIPE
- (E1) 6" DOTTED WHITE STRIPE
- (F1) 12" SOLID WHITE STRIPE
- (G1) 12" SOLID YELLOW STRIPE
- (H1) 18" DOTTED WHITE STRIPE
- (J1) 24" SOLID WHITE STRIPE
- (K1) PVMT MARKING YIELD LINE
- (L1) PVMT MARKING FISH HOOK (RT–LT)
- (M1) PVMT MARKING FISH HOOK (TH–RT)
- (N1) PVMT MARKING FISH HOOK (LT–TH)
- (P1) PVMT MARKING FISH HOOK (TH–RT–LT)
- (R1) PVMT MARKING LT ARROW
- (S1) PVMT MARKING RT ARROW
- (T1) PVMT MARKING COMBO ARROW (THRU/LT–RT)
- (U1) PVMT MARKING WORD (ONLY)
- (V1) PVMT MARKING WORD (BIKE LANE ARROW)
- (W1) REMOVE EXISTING PVMT MARKING OR SYMBOL
- (X1) MEDIAN NOSE CURB FACE MARKING
- (Y1) ROUNDABOUT CENTRAL ISLAND CURB FACE MARKINGS
- (Z1) PVMT MARKING THRU ARROW




# AVENIDA DEL SUR

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP1
At 1/1/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

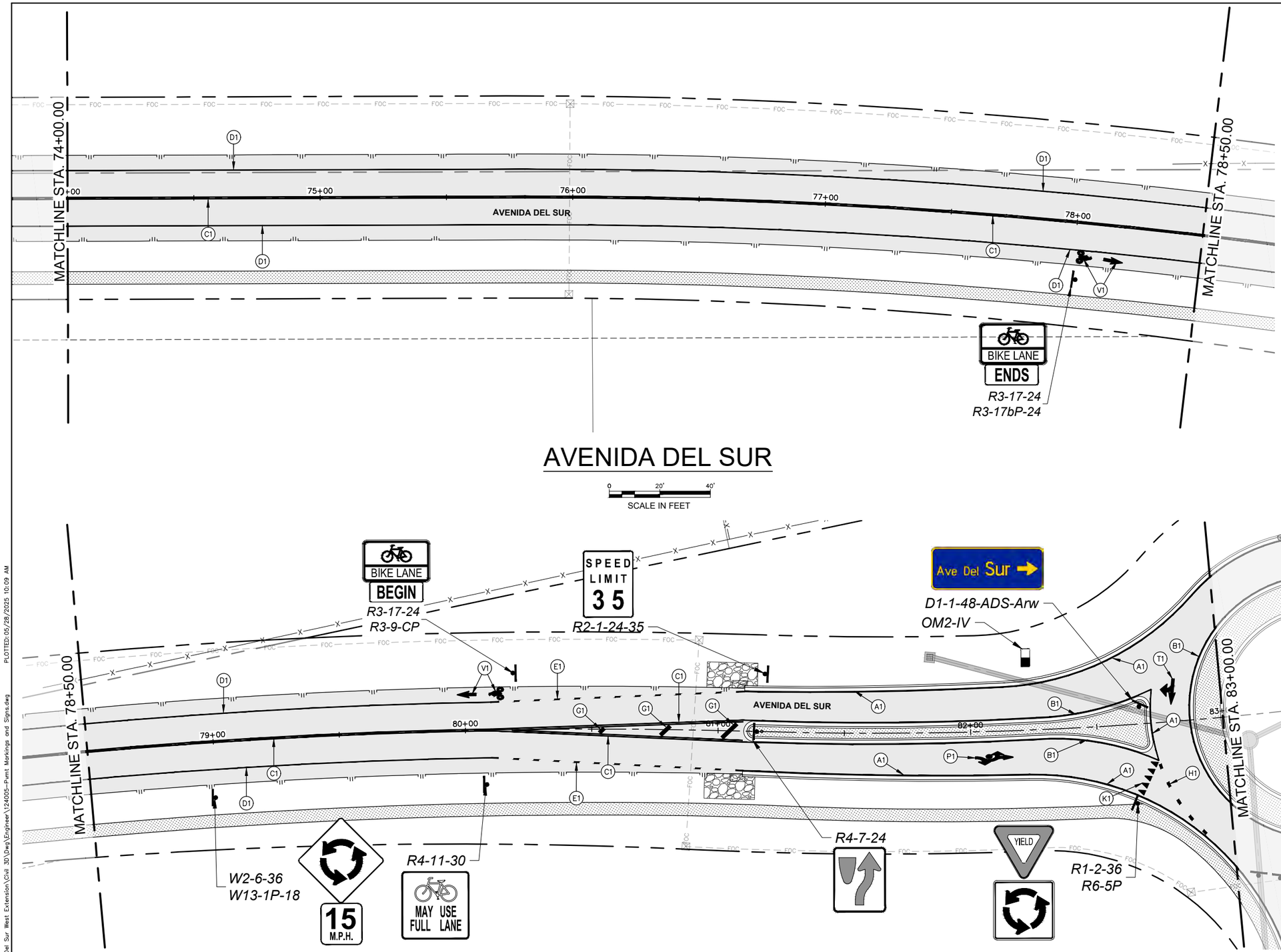
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
PAVEMENT MARKINGS & SIGNS
(SHEET 8 OF 13)

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 160 |

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## AVENIDA DEL SUR

0 20' 40'

SCALE IN FEET

## AVENIDA DEL SUR

### STRIPING LEGEND

- (A1) 4" SOLID WHITE STRIPE
- (B1) 4" SOLID YELLOW STRIPE
- (C1) 4" SOLID DBL YELLOW STRIPE
- (D1) 6" SOLID WHITE STRIPE
- (E1) 6" DOTTED WHITE STRIPE
- (F1) 12" SOLID WHITE STRIPE
- (G1) 12" SOLID YELLOW STRIPE
- (H1) 18" DOTTED WHITE STRIPE
- (J1) 24" SOLID WHITE STRIPE
- (K1) PVMT MARKING YIELD LINE
- (L1) PVMT MARKING FISH HOOK (RT–LT)
- (M1) PVMT MARKING FISH HOOK (TH–RT)
- (N1) PVMT MARKING FISH HOOK (LT–TH)
- (P1) PVMT MARKING FISH HOOK (TH–RT–LT)
- (R1) PVMT MARKING LT ARROW
- (S1) PVMT MARKING RT ARROW
- (T1) PVMT MARKING COMBO ARROW (THRU/LT–RT)
- (U1) PVMT MARKING WORD (ONLY)
- (V1) PVMT MARKING WORD (BIKE LANE ARROW)
- (W1) REMOVE EXISTING PVMT MARKING OR SYMBOL
- (X1) MEDIAN NOSE CURB FACE MARKING
- (Y1) ROUNDABOUT CENTRAL ISLAND CURB FACE MARKINGS
- (Z1) PVMT MARKING THRU ARROW

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E. PTOE, RSP
At 7/1/2025

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

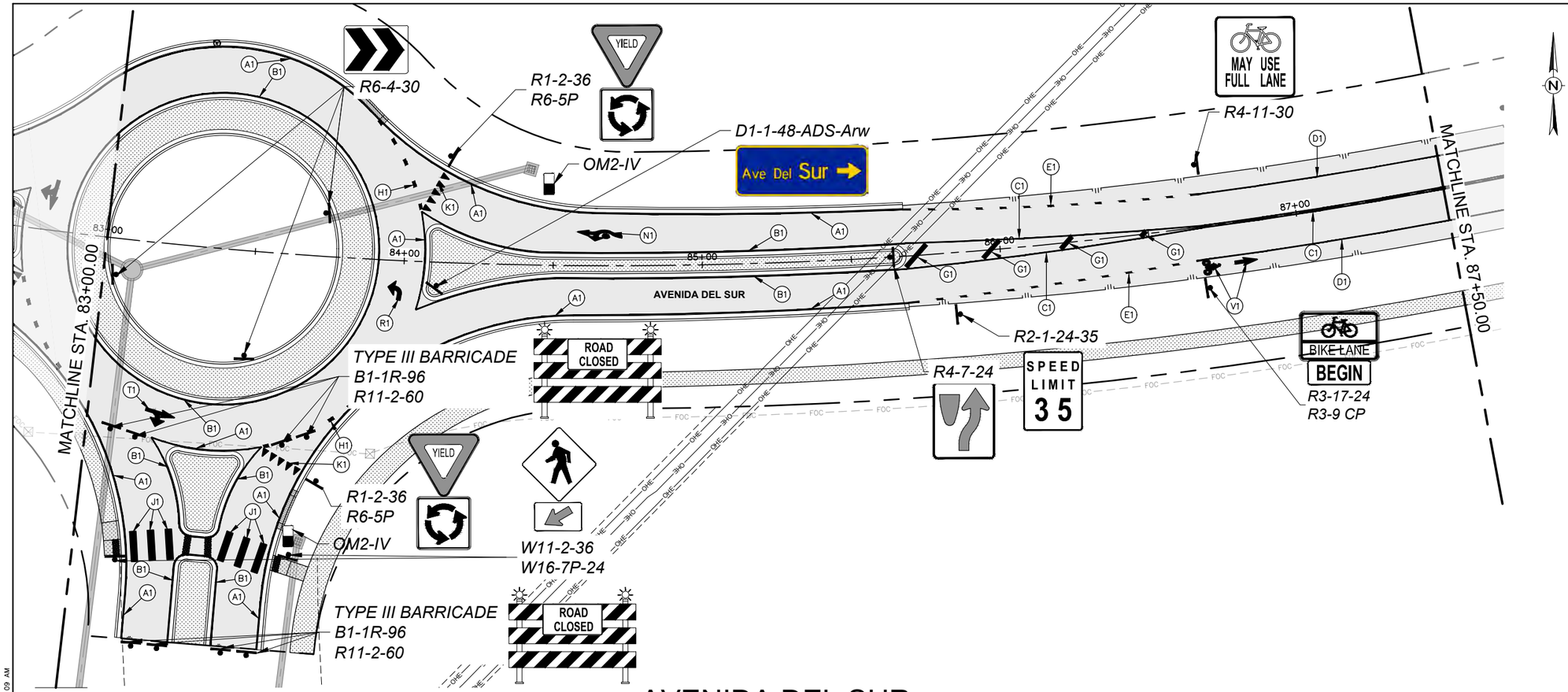
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
PAVEMENT MARKINGS & SIGNS
(SHEET 9 OF 13)

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 161 |

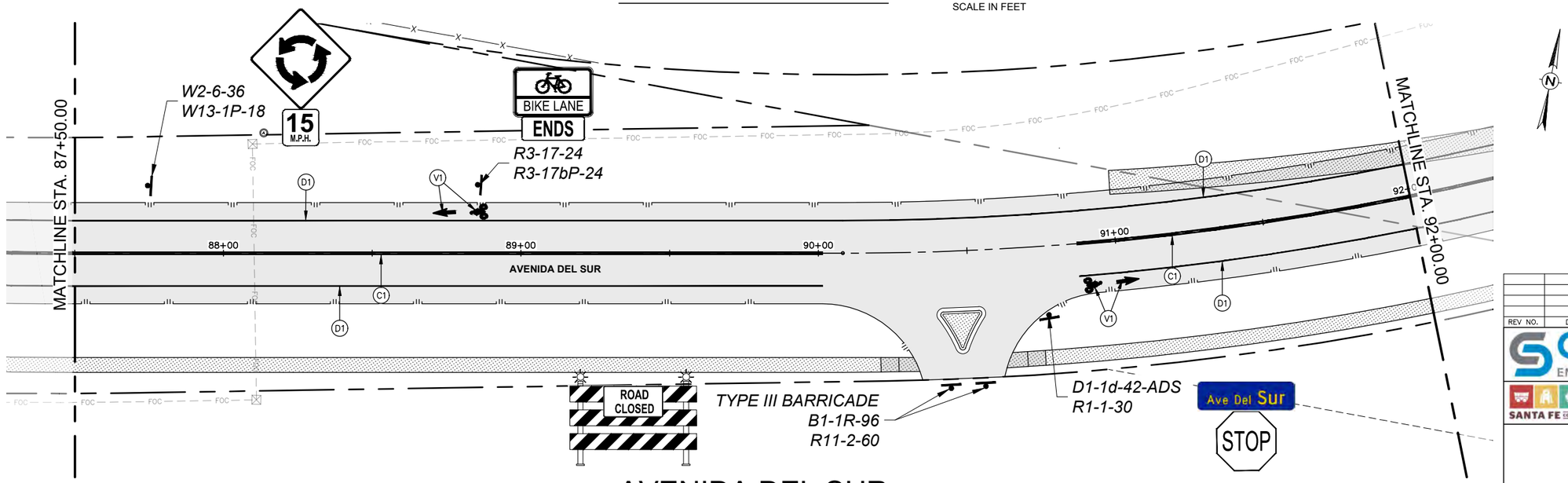
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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AVENIDA DEL SUR

SCALE IN FEET




AVENIDA DEL SUR

## STRIPING LEGEND

- A1 4" SOLID WHITE STRIPE
- B1 4" SOLID YELLOW STRIPE
- C1 4" SOLID DBL YELLOW STRIPE
- D1 6" SOLID WHITE STRIPE
- E1 6" DOTTED WHITE STRIPE
- F1 12" SOLID WHITE STRIPE
- G1 12" SOLID YELLOW STRIPE
- H1 18" DOTTED WHITE STRIPE
- J1 24" SOLID WHITE STRIPE
- K1 PVMT MARKING YIELD LINE
- L1 PVMT MARKING FISH HOOK (RT–LT)
- M1 PVMT MARKING FISH HOOK (TH–RT)
- N1 PVMT MARKING FISH HOOK (LT–TH)
- P1 PVMT MARKING FISH HOOK (TH–RT–LT)
- R1 PVMT MARKING LT ARROW
- S1 PVMT MARKING RT ARROW
- T1 PVMT MARKING COMBO ARROW (THRU/LT–RT)
- U1 PVMT MARKING WORD (ONLY)
- V1 PVMT MARKING WORD (BIKE LANE ARROW)
- W1 REMOVE EXISTING PVMT MARKING OR SYMBOL
- X1 MEDIAN NOSE CURB FACE MARKING
- Y1 ROUNDABOUT CENTRAL ISLAND CURB FACE MARKINGS
- Z1 PVMT MARKING THRU ARROW

DIEGO A. LEYVA NEW MEXICO 30372 PROFESSIONAL ENGINEER
Diego Leyva, P.E. 5/1/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# AVENIDA DEL SUR
# PAVEMENT MARKINGS & SIGNS (SHEET 10 OF 13)

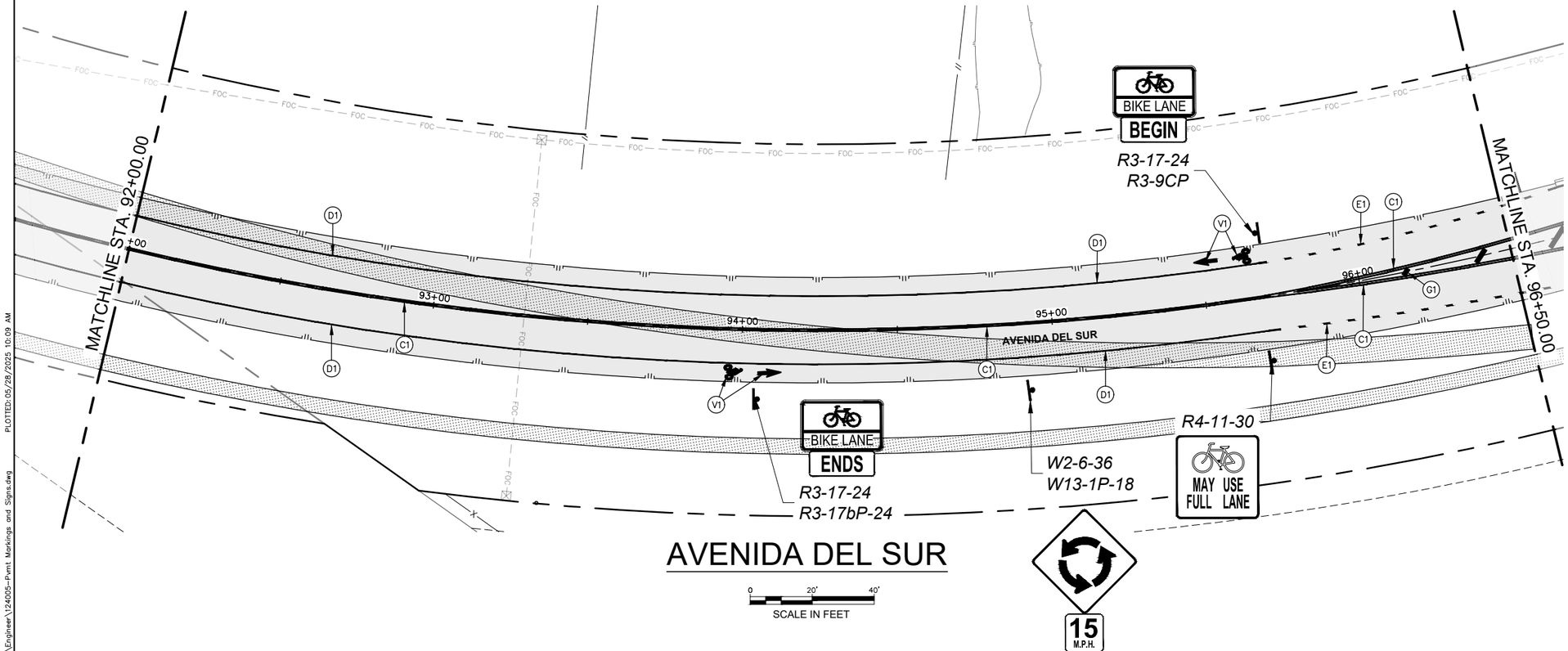
| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 162 |

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## STRIPING LEGEND

- (A1) 4" SOLID WHITE STRIPE
- (B1) 4" SOLID YELLOW STRIPE
- (C1) 4" SOLID DBL YELLOW STRIPE
- (D1) 6" SOLID WHITE STRIPE
- (E1) 6" DOTTED WHITE STRIPE
- (F1) 12" SOLID WHITE STRIPE
- (G1) 12" SOLID YELLOW STRIPE
- (H1) 18" DOTTED WHITE STRIPE
- (J1) 24" SOLID WHITE STRIPE
- (K1) PVMT MARKING YIELD LINE
- (L1) PVMT MARKING FISH HOOK (RT–LT)
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- (U1) PVMT MARKING WORD (ONLY)
- (V1) PVMT MARKING WORD (BIKE LANE ARROW)
- (W1) REMOVE EXISTING PVMT MARKING OR SYMBOL
- (X1) MEDIAN NOSE CURB FACE MARKING
- (Y1) ROUNDABOUT CENTRAL ISLAND CURB FACE MARKINGS
- (Z1) PVMT MARKING THRU ARROW




# AVENIDA DEL SUR

0 20' 40'

SCALE IN FEET

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP1
At 1/1/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

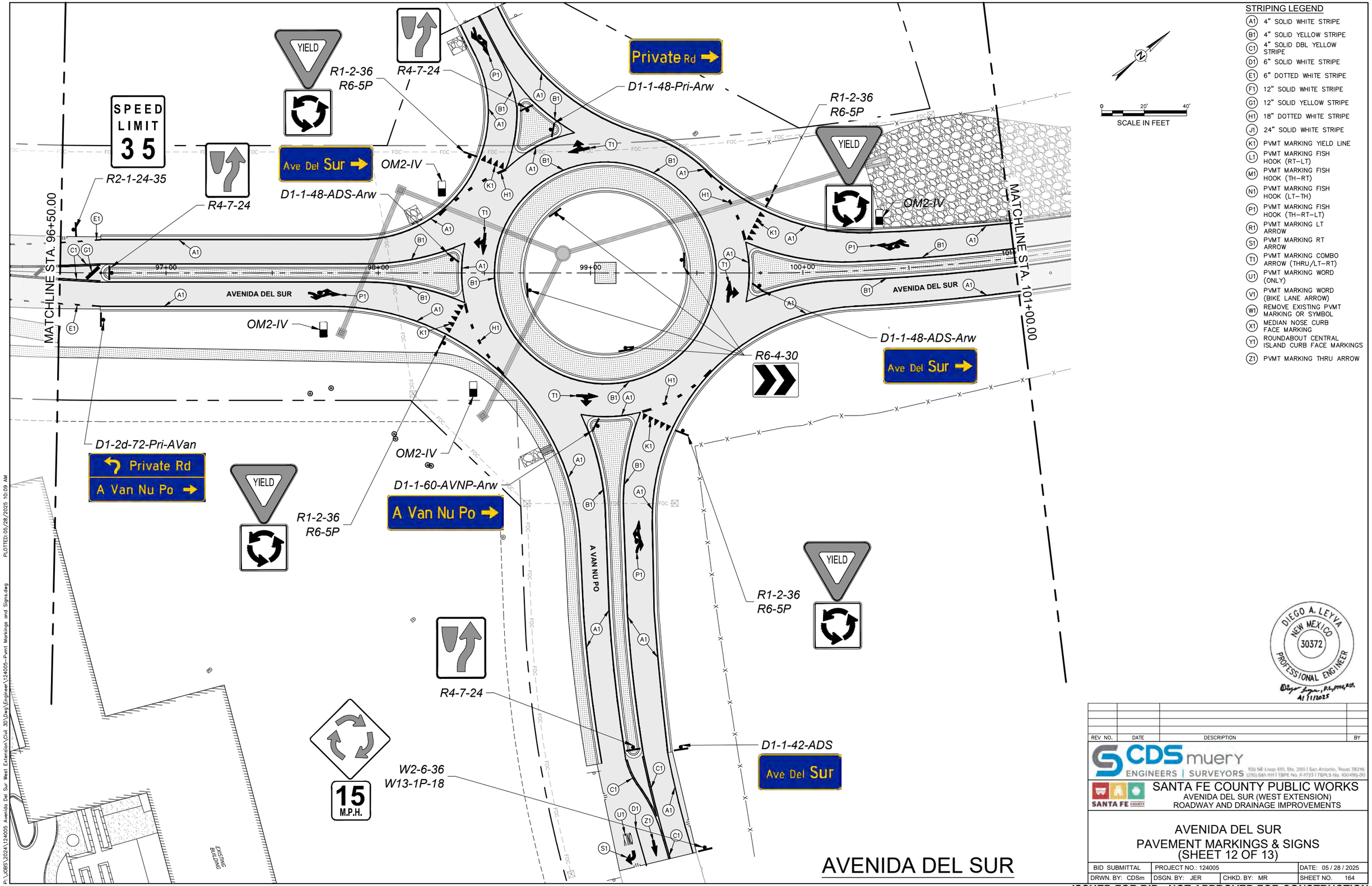
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
PAVEMENT MARKINGS & SIGNS
(SHEET 11 OF 13)

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 163 |

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## STRIPING LEGEND

- A1 4" SOLID WHITE STRIPE
- B1 4" SOLID YELLOW STRIPE
- C1 4" SOLID DBL YELLOW STRIPE
- D1 6" SOLID WHITE STRIPE
- E1 6" DOTTED WHITE STRIPE
- F1 12" SOLID WHITE STRIPE
- G1 12" SOLID YELLOW STRIPE
- H1 18" DOTTED WHITE STRIPE
- J1 24" SOLID WHITE STRIPE
- K1 PVMT MARKING YIELD LINE
- L1 PVMT MARKING FISH HOOK (RT–LT)
- M1 PVMT MARKING FISH HOOK (TH–RT)
- N1 PVMT MARKING FISH HOOK (LT–TH)
- P1 PVMT MARKING FISH HOOK (TH–RT–LT)
- R1 PVMT MARKING LT ARROW
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- U1 PVMT MARKING WORD (ONLY)
- V1 PVMT MARKING WORD (BIKE LANE ARROW)
- W1 REMOVE EXISTING PVMT MARKING OR SYMBOL
- X1 MEDIAN NOSE CURB FACE MARKING
- Y1 ROUNDABOUT CENTRAL ISLAND CURB FACE MARKINGS
- Z1 PVMT MARKING THRU ARROW

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP
4/1/2025

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

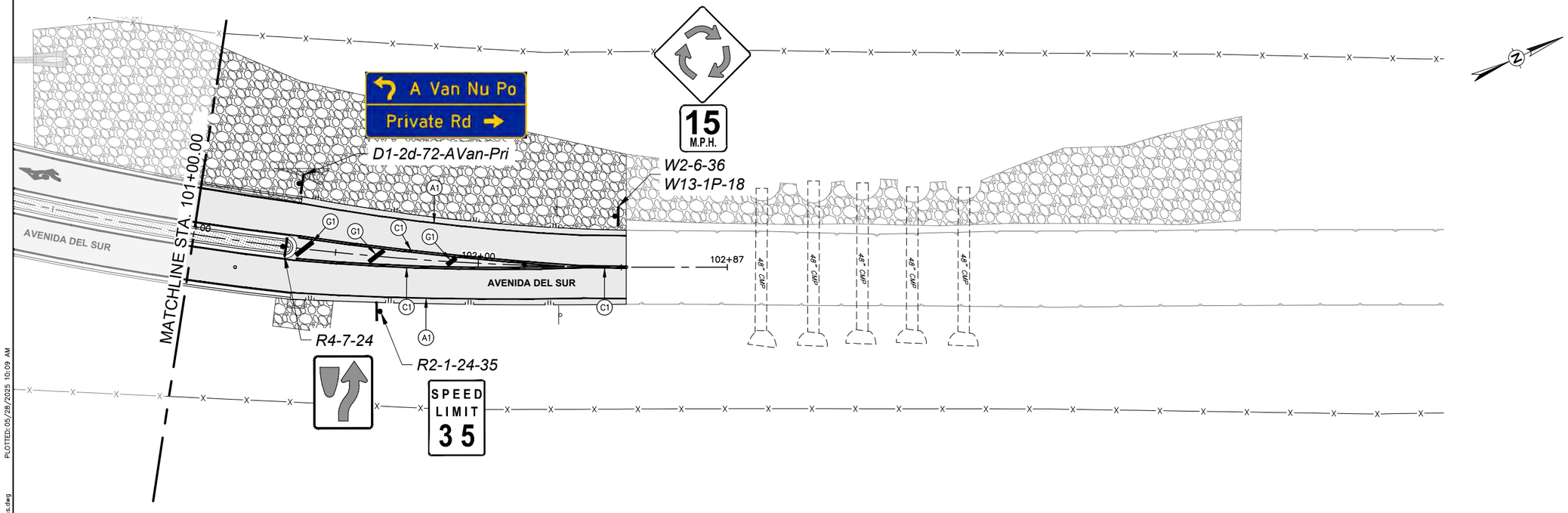
# AVENIDA DEL SUR

## PAVEMENT MARKINGS & SIGNS (SHEET 12 OF 13)

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 164 |

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## AVENIDA DEL SUR

0 20' 40'

SCALE IN FEET

### STRIPING LEGEND

- (A1) 4" SOLID WHITE STRIPE
- (B1) 4" SOLID YELLOW STRIPE
- (C1) 4" SOLID DBL YELLOW STRIPE
- (D1) 6" SOLID WHITE STRIPE
- (E1) 6" DOTTED WHITE STRIPE
- (F1) 12" SOLID WHITE STRIPE
- (G1) 12" SOLID YELLOW STRIPE
- (H1) 18" DOTTED WHITE STRIPE
- (J1) 24" SOLID WHITE STRIPE
- (K1) PVMT MARKING YIELD LINE
- (L1) PVMT MARKING FISH HOOK (RT–LT)
- (M1) PVMT MARKING FISH HOOK (TH–RT)
- (N1) PVMT MARKING FISH HOOK (LT–TH)
- (P1) PVMT MARKING FISH HOOK (TH–RT–LT)
- (R1) PVMT MARKING LT ARROW
- (S1) PVMT MARKING RT ARROW
- (T1) PVMT MARKING COMBO ARROW (THRU/LT–RT)
- (U1) PVMT MARKING WORD (ONLY)
- (V1) PVMT MARKING WORD (BIKE LANE ARROW)
- (W1) REMOVE EXISTING PVMT MARKING OR SYMBOL
- (X1) MEDIAN NOSE CURB FACE MARKING
- (Y1) ROUNDABOUT CENTRAL ISLAND CURB FACE MARKINGS
- (Z1) PVMT MARKING THRU ARROW

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP1
4/7/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

AVENIDA DEL SUR
PAVEMENT MARKINGS & SIGNS
(SHEET 13 OF 13)

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 165 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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# SIGN FACE DETAILS

FOR PERMANENT SIGNING



OM2-1V*
YREF/FY
6" X 16"



OM3-L*
B/FY
12" X 36"

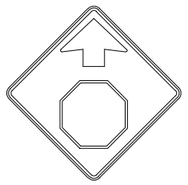
OM3-R*
B/FY
12" X 36"




R1-1-30
W/R
30" X 30"




R1-2-36
R/W
36" X 36"



W3-1
30x30




R2-1-24-35
B/W
24" X 30"



W2-2L
30x30



R6-4-30
B/W
30"x24"




R1-3P
18" X 6"




R8-3a
24X30




R3-17-24
B/W
24" X 18"




R3-17bP-24
B/W
24" X 8"




R3-9 CP
24"x8"




R4-4-36
B/W
36" X 30"



R4-7-24
B/W
24" X 30"




R4-11-30
B/W
30" X 30"



R6-5P
30"x30"



W2-2R
30x30



W2-6-36
B/FY
36" X 36"



W11-2-36
B/FY
36" X 36"



W11-15-36
B/FYG
36" X 36"




W13-1P-18
B/FY
18" X 18"

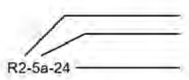


W16-7P-24
B/FYG
24" X 12"

## SIGN LEGEND



R2-5a-24 — MUTCD SIGN CODE
W/G — SIGN COLOR
24"X 30" — SIGN DIMENSION



R2-5a-24
MUTCD SIGN CODE
MESSAGE VARIATION
HORIZONTAL DIM

## SIGN LEGEND

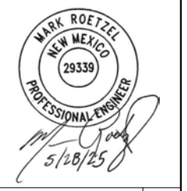
(LEGEND/BACKGROUND)

| | | |
|---|---|---|
| W - WHITE | B - BLACK | R - RED |
| FY - FLUORESCENT YELLOW | BL - BLUE | G - GREEN |
| O - ORANGE | BR - BROWN | S - SILVER |
| FO - FLUORESCENT ORANGE | | Y - YELLOW |
| FYG - FLUORESCENT YELLOW-GREEN | | |

* ***NOTE:*** *OBJECT MARKER SIGN FACE NOT SHOWN IN SIGNING AND STRIPING PLANS. OBJECT MARKERS ARE REPRESENTED BY ICONS NOTED IN THE MARKER LEGEND OF EACH SHEET AND REPRODUCED IN THIS NOTE.*

OBJECT MARKER OM2-1V
MOUNTED BACK-TO-BACK
ON SINGLE POST

OBJECT MARKER OM3-R
MOUNTED BACK-TO-BACK
ON SINGLE POST




| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

PERMANENT SIGNING AND STRIPING SIGN FACE DTLS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 166 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005--Standards Details.dwg PLOTTED: 05/28/2025 10:10 AM

*D3-1-42-ADS*



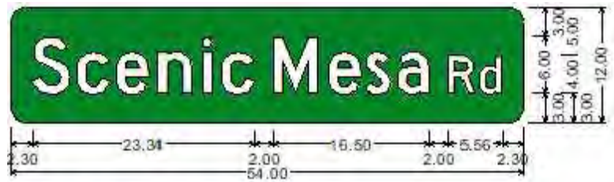

1.50" Radius, No border, Yellow on Blue;
"Ave", D 2K; "Del", D 2K; "Sur", D 2K;

*D3-1-48-CDLC*




1.50" Radius, No border, Yellow on Blue;
"Calle De Los Cerros", D 2K 37% spacing;

*D3-1-54-SMR*




1.50" Radius, No border, Yellow on Green;
"Scenic Mesa" White, D 2K; "Rd" White, D 2K;

*D3-1-42-Ser*



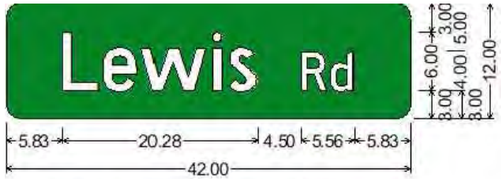

1.50" Radius, No border, Yellow on Green;
"Serena" White, D 2K; "Rd" White, D 2K;

*D3-1-42-VDA*



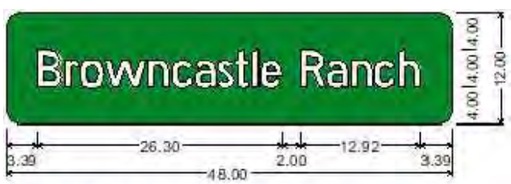

1.50" Radius, No border, Yellow on Green;
"Vista De Arroyo" White, D 2K 37% spacing;

*D3-1-42-Lew*




1.50" Radius, No border, Yellow on Green;
"Lewis" White, D 2K; "Rd" White, D 2K;

*D3-1-48-BR*




1.50" Radius, No border, Yellow on Green;
"Browncastle Ranch" White, D 2K 37% spacing;

*D3-1-42-VDM*




1.50" Radius, No border, Yellow on Blue;
"Vista Del Monte", D 2K 37% spacing;




| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

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(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

SPECIAL SIGN FACE DTLS AND PVMT MARKINGS 1 OF 3

| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
|---|---|---|---|
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 167 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:_JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Standards Details.dwg PLOTTED: 05/28/2025 10:10 AM

*D1-1-48-ADS-Arw*




2.25" Radius, 0.75" Border, Yellow on Blue;
"Ave Del Sur", D 2K 34% spacing;
Standard Arrow Custom 9.00" X 6.00" 0°;

*D1-1-60-AVNP-Arw*




2.25" Radius, 0.75" Border, Yellow on Blue;
"A Van Nu Po", D 2K 44% spacing;
Standard Arrow Custom 9.00" X 6.00" 0°;

*D1-1-48-Pri-Arw*



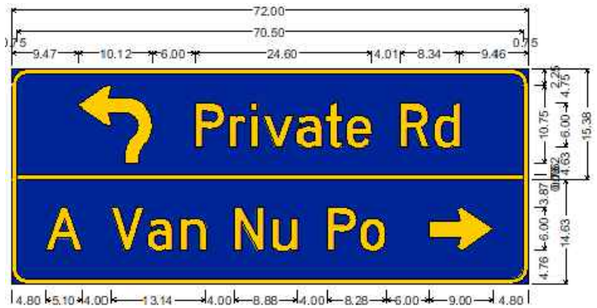

2.25" Radius, 0.75" Border, Yellow on Blue;
"Private Rd", D 2K;
Standard Arrow Custom 9.00" X 6.00" 0°;

*D1-1-42-ADS*




2.25" Radius, 0.75" Border, Yellow on Blue;
"Ave", D 2K; "Del", D 2K; "Sur", D 2K;

*D1-2d-72-Pri-AVan*

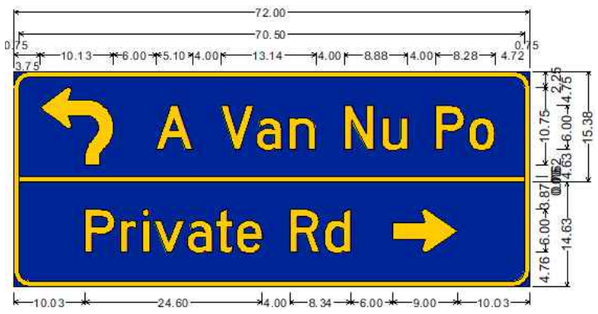



D1-2d_VARx30;

2.25" Radius, 0.75" Border, Yellow on Blue;
"Private Rd", D 2K;

2.25" Radius, 0.75" Border, Yellow on Blue;
"A Van Nu Po", D 2K; Standard Arrow Custom 9.00" X 6.00" 0°;

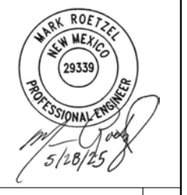
*D1-2d-72-AVan-Pri*




D1-2d_VARx30;

2.25" Radius, 0.75" Border, Yellow on Blue;
"A Van Nu Po", D 2K;

2.25" Radius, 0.75" Border, Yellow on Blue;
"Private Rd", D 2K; Standard Arrow Custom 9.00" X 6.00" 0°;




| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

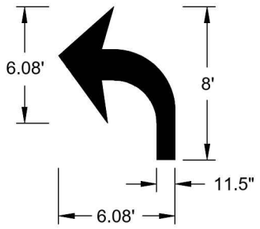
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

SPECIAL SIGN FACE DTLS AND PVMT MARKINGS 2 OF 3

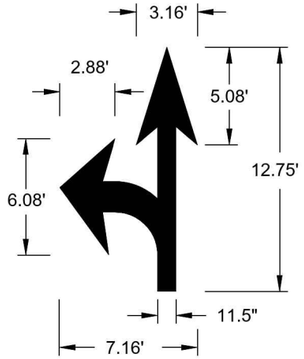
| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 168 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

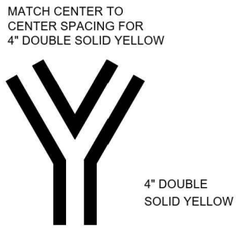
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Standards Details.dwg PLOTTED: 05/28/2025 10:10 AM



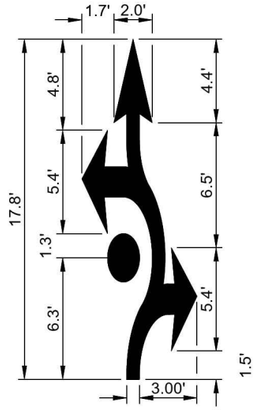

THRU / LEFT ARROW (WHITE)



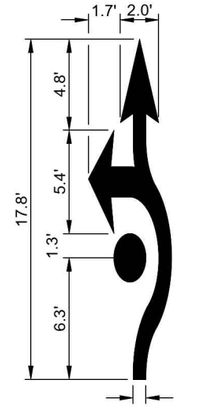

THRU / RIGHT ARROW (WHITE)



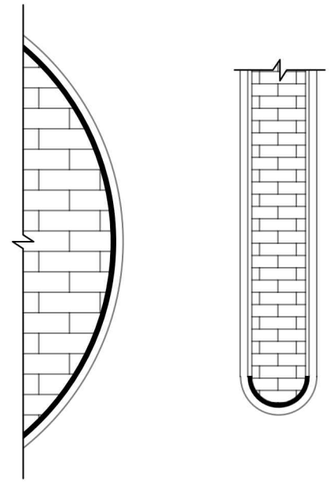

DOUBLE YELLOW GORE STRIPE

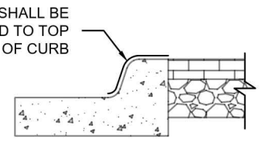



LEFT/THRU/RIGHT FISH HOOK ARROW (WHITE)



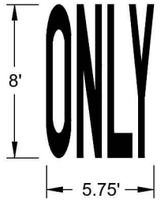

LEFT/THRU FISH HOOK ARROW (WHITE)



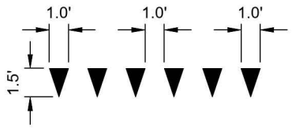



ROUNDABOUT CURB AND MEDIAN NOSE PAINTED MARKING DETAIL

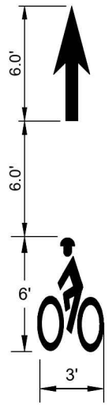
SCALE: NTS



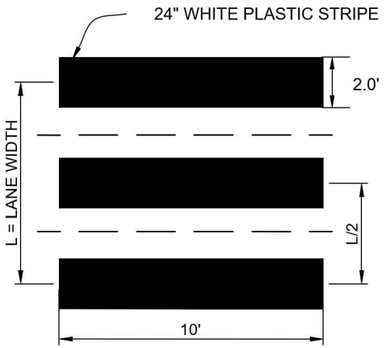

WORD "ONLY" (WHITE)




YIELD LINE

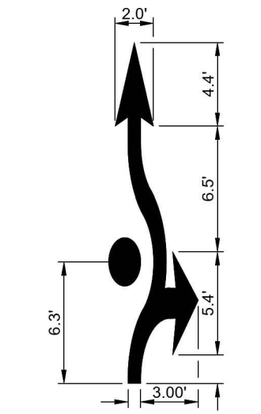



BIKE LANE ARROW (WHITE)

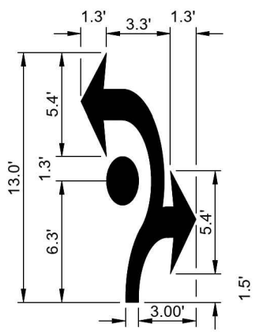



CONTINENTAL CROSSWALK (WHITE)

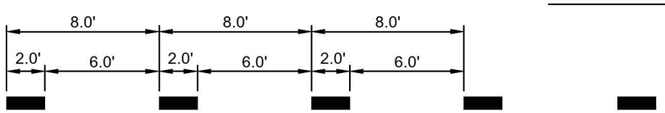
TO AVOID VEHICLE WHEELPATHS



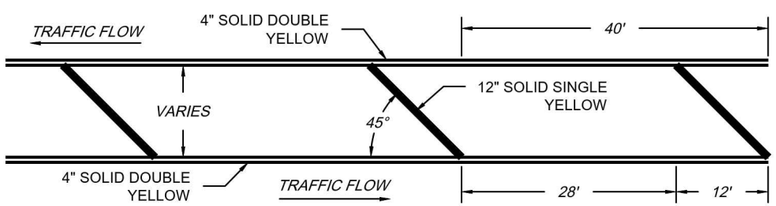

THRU/RIGHT FISH HOOK ARROW (WHITE)



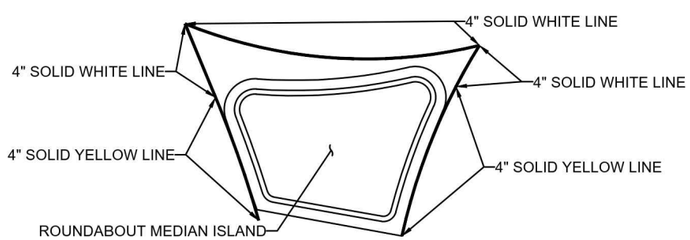

LEFT/RIGHT FISH HOOK ARROW (WHITE)




4"/6"/18" WHITE DOTTED LANE LINE




MEDIAN GORE STRIPE DETAIL




ROUNDABOUT MEDIAN STRIPE DETAIL




| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 10019500

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

SPECIAL SIGN FACE DTLS AND PVMT MARKINGS 3 OF 3

| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
|---|---|---|---|
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 169 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:10 AM

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005--Standards Details.dwg

LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

nm811 Know what's below. Call before you dig.

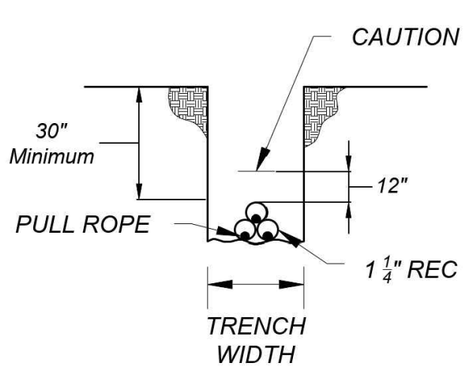
# BROADBAND CONDUIT SYSTEM NOTES:

1. LOCATIONS OF CONDUITS, PULL BOXES, MANHOLES AND SPLICE CABINETS OR VAULTS SHOWN ON THE PLANS ARE SCHEMATIC. THE CONTRACTOR SHALL MEET WITH THE COUNTY"S PROJECT MANAGER IN THE FILED AT ALL LOCATION TO SPOT EQUIPMENTS BEFORE BEGINNING WORK AND INSTALLATION. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT–OF–WAY.

2. THE CONTRACTOR IS WARNED THAT EXISTING CONDUITS MAY CONTAIN AC POWER AND CAUTION SHALL BE EXERCISED IN INTERCEPTING OR INSTALLING CABLE IN EXISTING CONDUIT.

## BROADBAND CONDUIT SYSTEM:

A. 1–1/4" RIGID ELECTRICAL CONDUIT – PAID FOR UNDER ITEM 709012.




("CAUTION – BURIED CABLE")

***BROADBAND CONDUIT SECTION***
*N.T.S.*

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

BROADBAND CONDUIT SYSTEM GEN NOTES

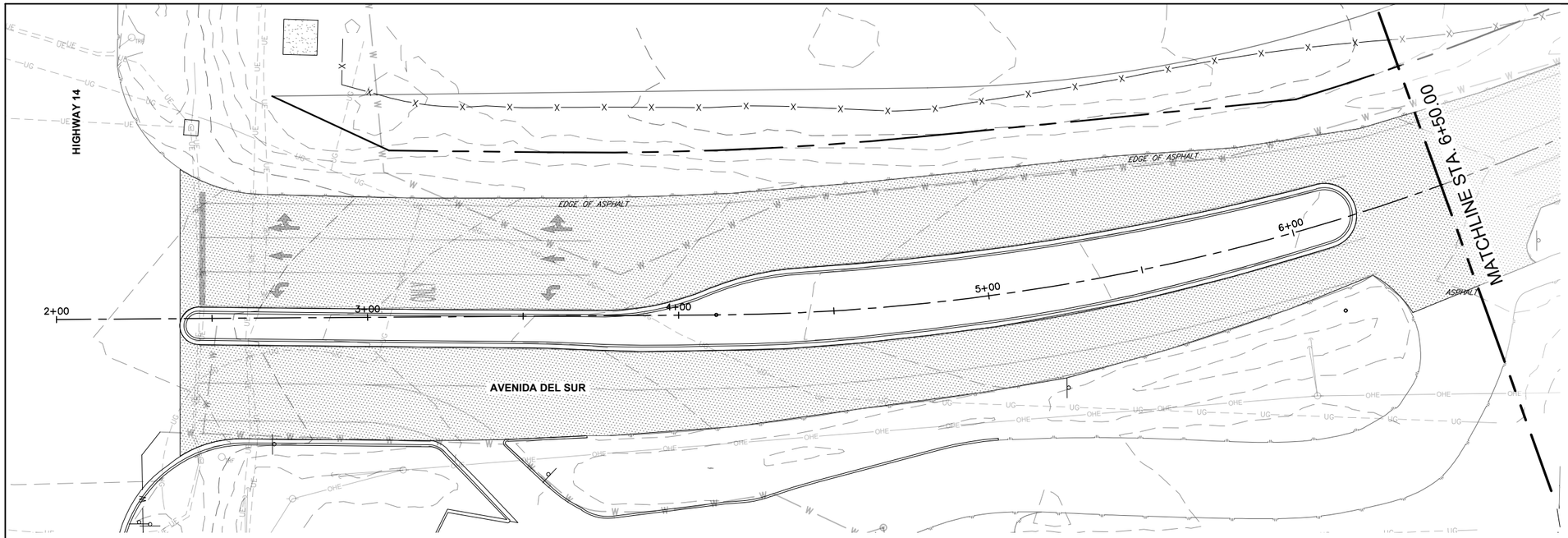
| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 170 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Standards Details.dwg PLOTTED: 05/28/2025 10:04 AM

LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

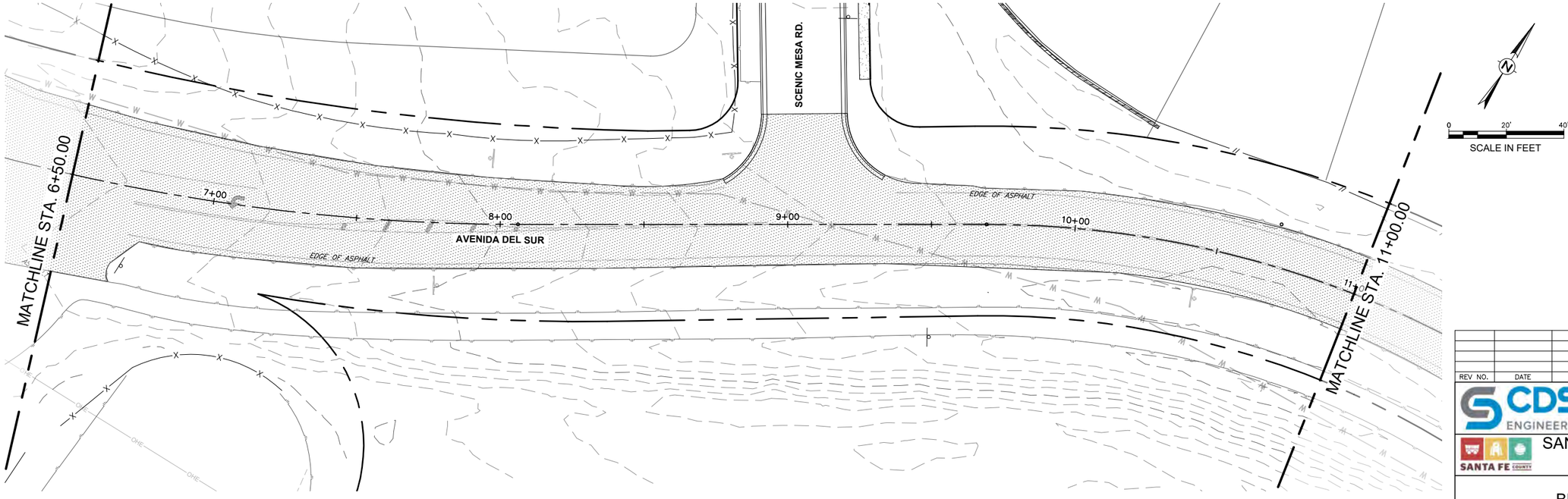
nm811 Know what's below. Call before you dig.




LEGEND

- ⊠ (1) INSTALL NEW ITS PULL BOX PER STANDARD DRAWING 75-02-1/1
- —FOC— (2) INSTALL NEW RIGID ELECTRICAL CONDUIT, 3-1 1/4" DIAMETER
- (3) INSTALL PULL ROPE

# AVENIDA DEL SUR




# AVENIDA DEL SUR

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

BROADBAND CONDUIT
SYSTEM PLANS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 171 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Fiber Optics.dwg PLOTTED: 05/28/2025 10:05 AM

LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

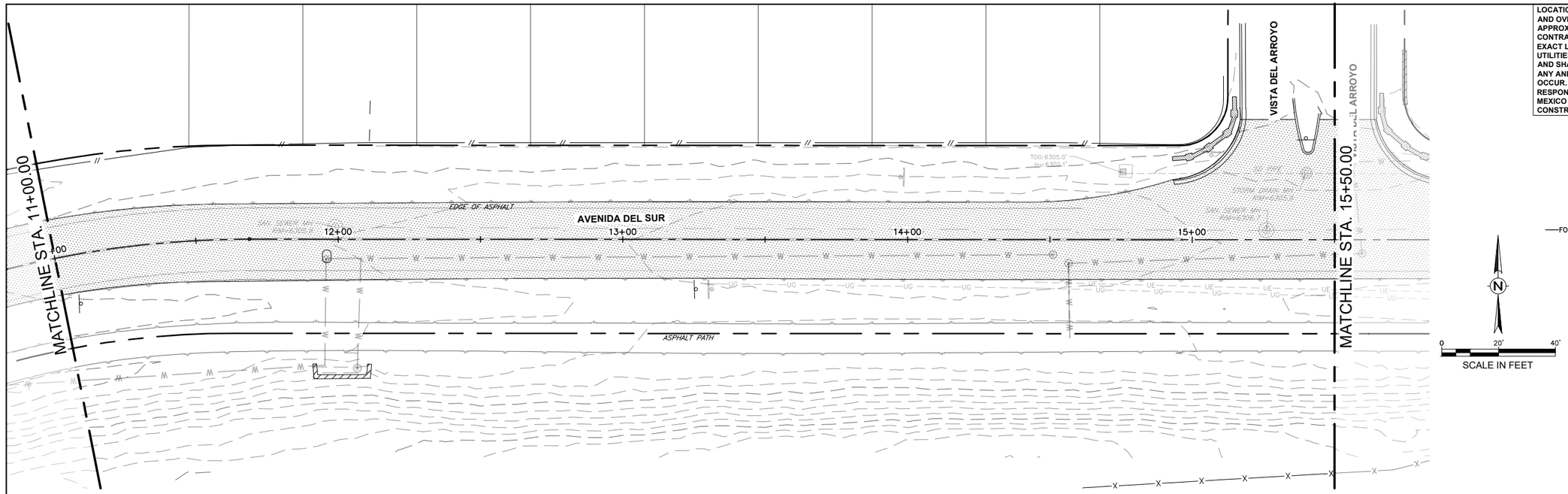
nm811 Know what's below. Call before you dig.

LEGEND

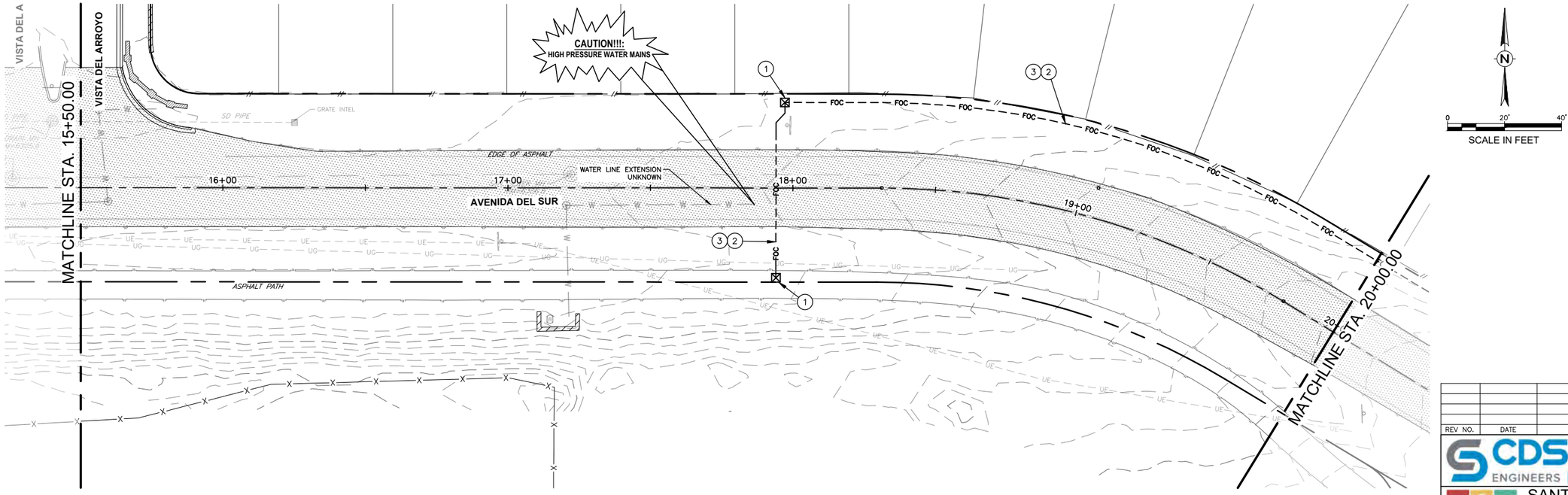
⊠ (1) INSTALL NEW ITS PULL BOX PER STANDARD DRAWING 75-02-1/1

—FOC— (2) INSTALL NEW RIGID ELECTRICAL CONDUIT, 3-1 1/4" DIAMETER

(3) INSTALL PULL ROPE




# AVENIDA DEL SUR




# AVENIDA DEL SUR

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

BROADBAND CONDUIT SYSTEM PLANS

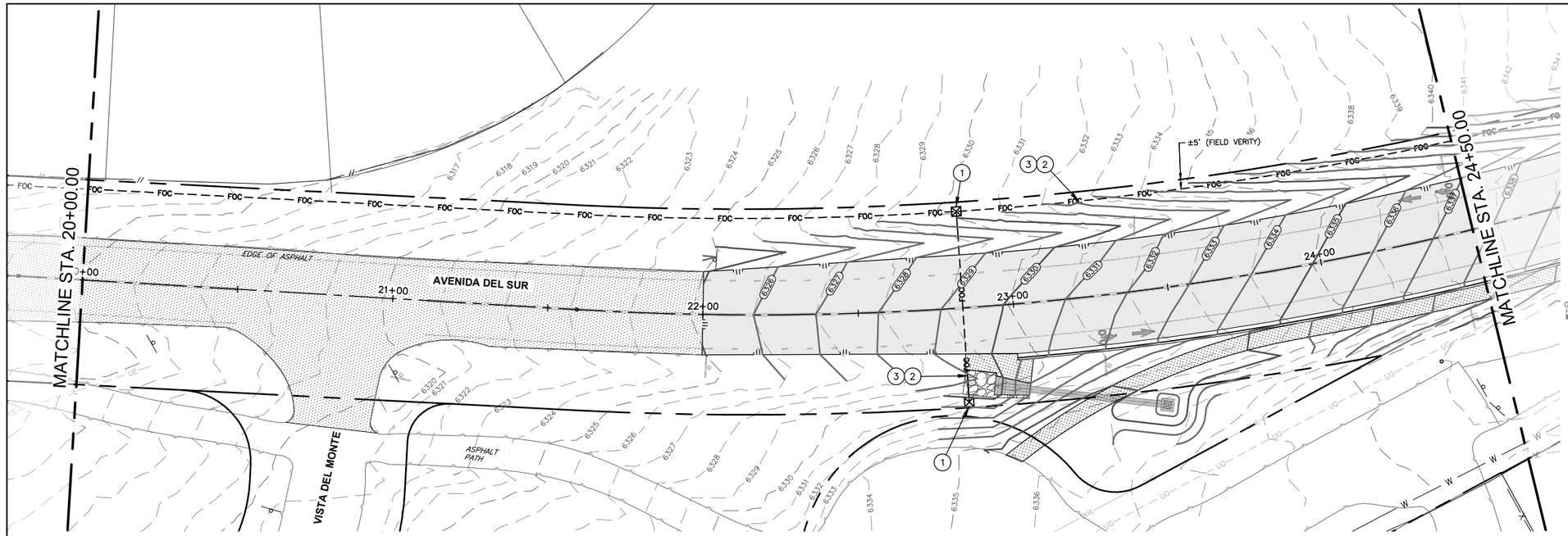
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 172 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

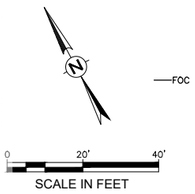
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LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

nm811 Know what's below. Call before you dig.



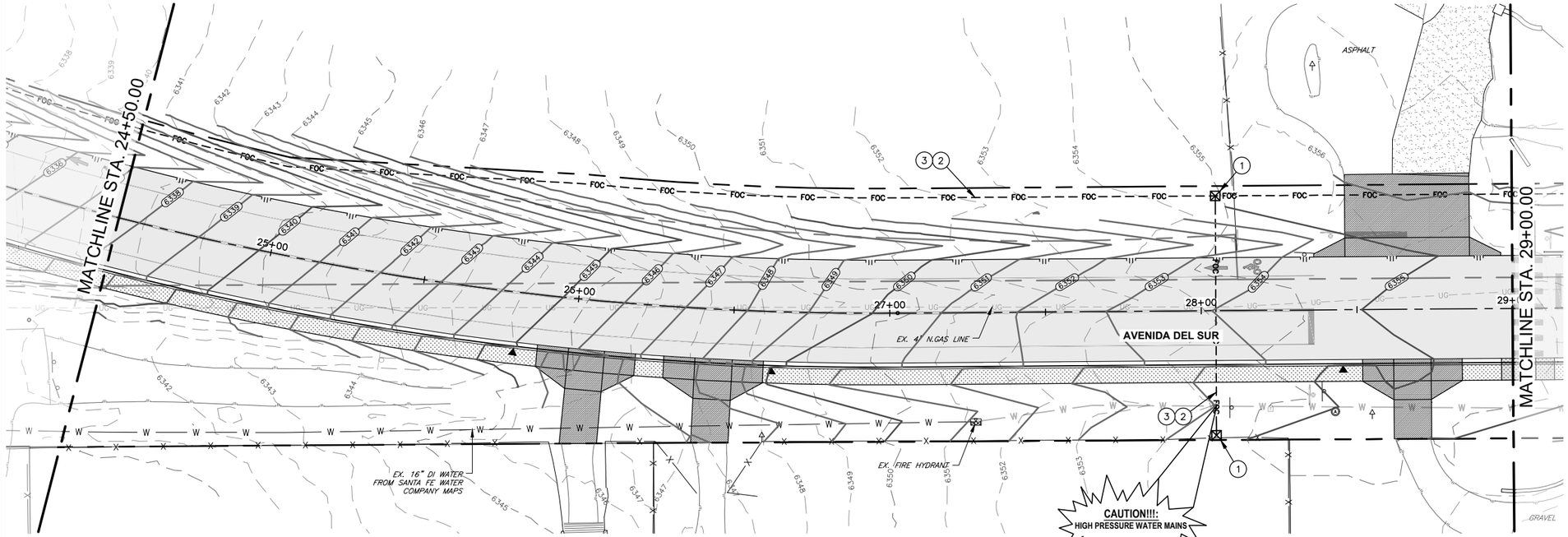

## AVENIDA DEL SUR



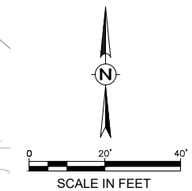

LEGEND

- ⊠ (1) INSTALL NEW ITS PULL BOX PER STANDARD DRAWING 75-02-1/1
- —FOC— (2) INSTALL NEW RIGID ELECTRICAL CONDUIT, 3-1 1/4" DIAMETER
- (3) INSTALL PULL ROPE

**NOTE: THE 90% DESIGN ASSUMES NEW BROADBAND CONDUIT BANK LOCATED ALONG THE NORTH ROW DUE TO SOUTH ROW UTILITY CONGESTION. FINAL LOCATION TO BE CONFIRMED WITH THE COUNTY PRIOR TO FINAL DESIGN.**




## AVENIDA DEL SUR




MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

BROADBAND CONDUIT
SYSTEM PLANS

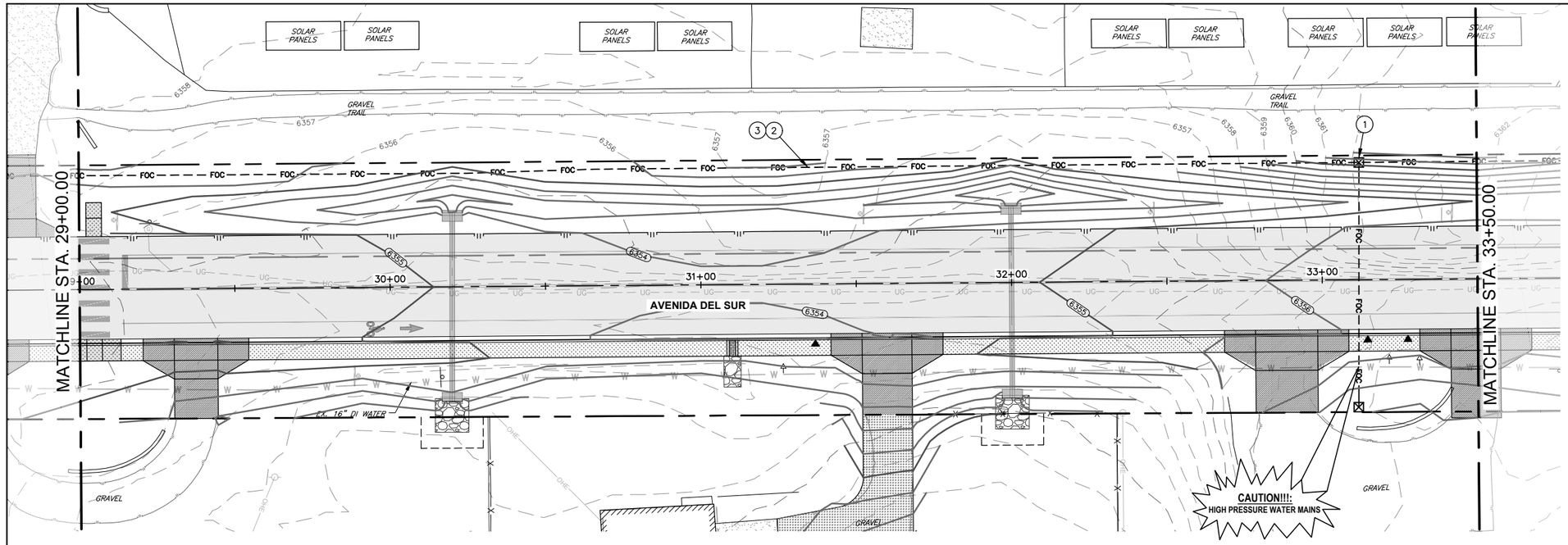
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
|---|---|---|---|
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 173 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

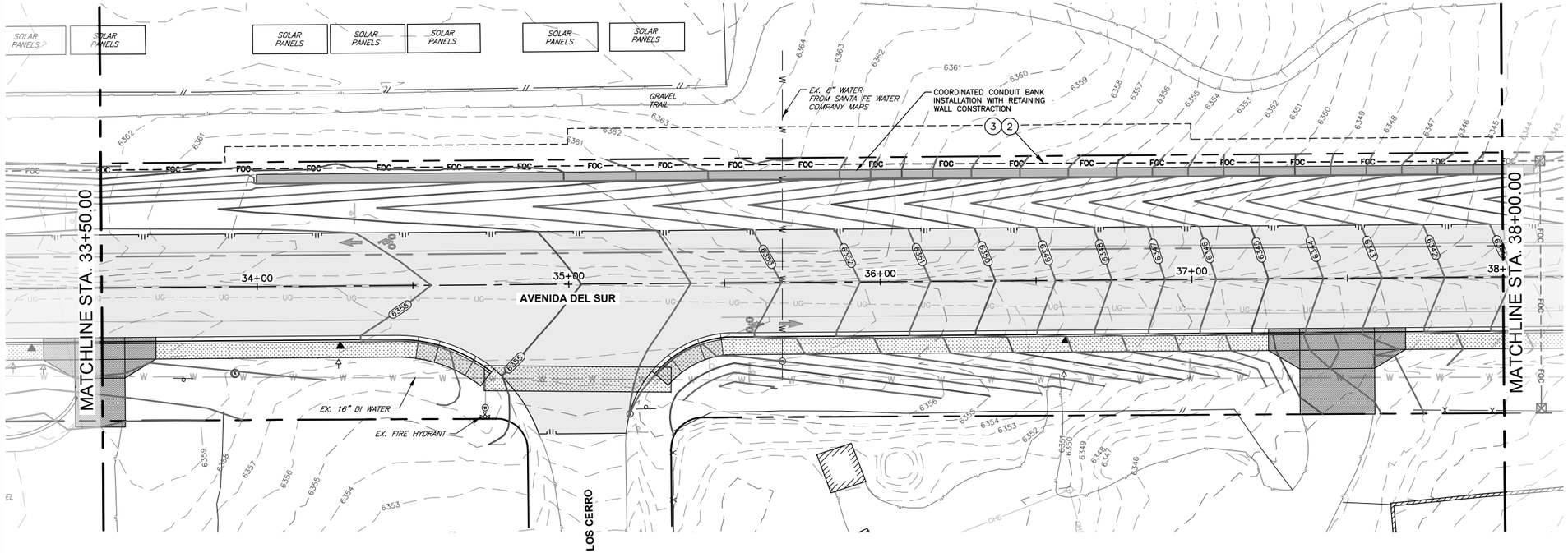
nm811 Know what's below. Call before you dig.




AVENIDA DEL SUR

## LEGEND

- ⊠ (1) INSTALL NEW ITS PULL BOX PER STANDARD DRAWING 75-02-1/1
- —FOC— (2) INSTALL NEW RIGID ELECTRICAL CONDUIT, 3-1 1/4" DIAMETER
- (3) INSTALL PULL ROPE




AVENIDA DEL SUR

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
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| | | | |

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SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## BROADBAND CONDUIT SYSTEM PLANS

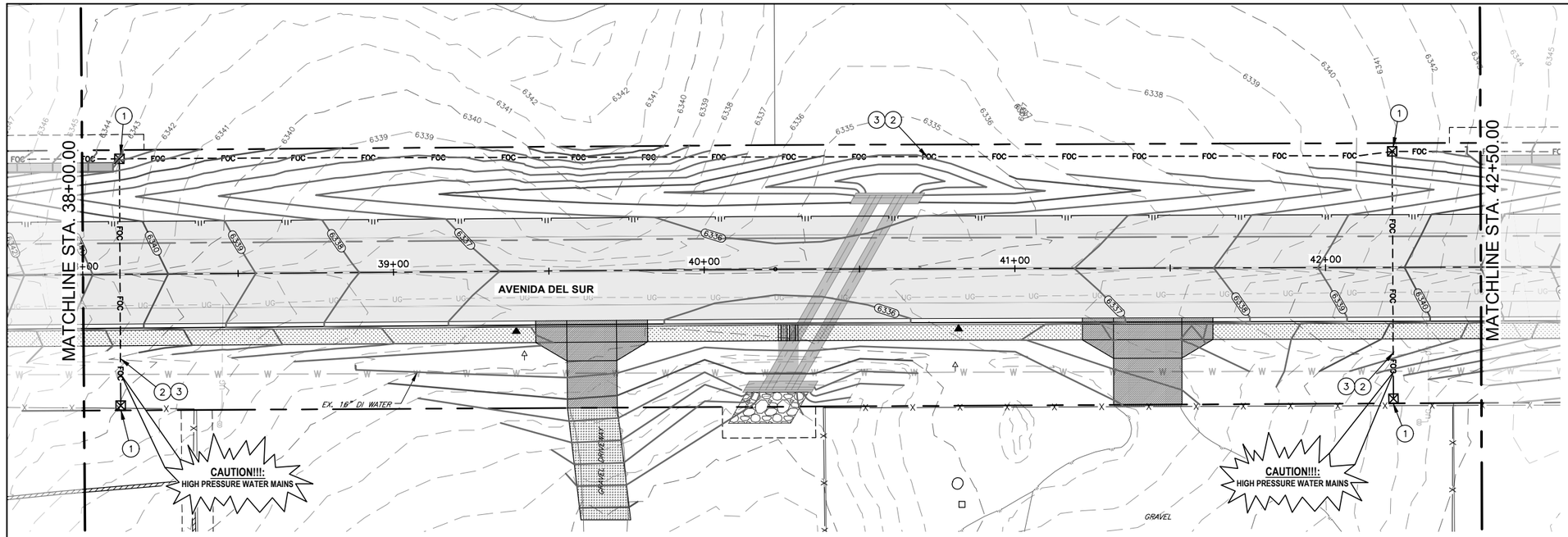
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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 174 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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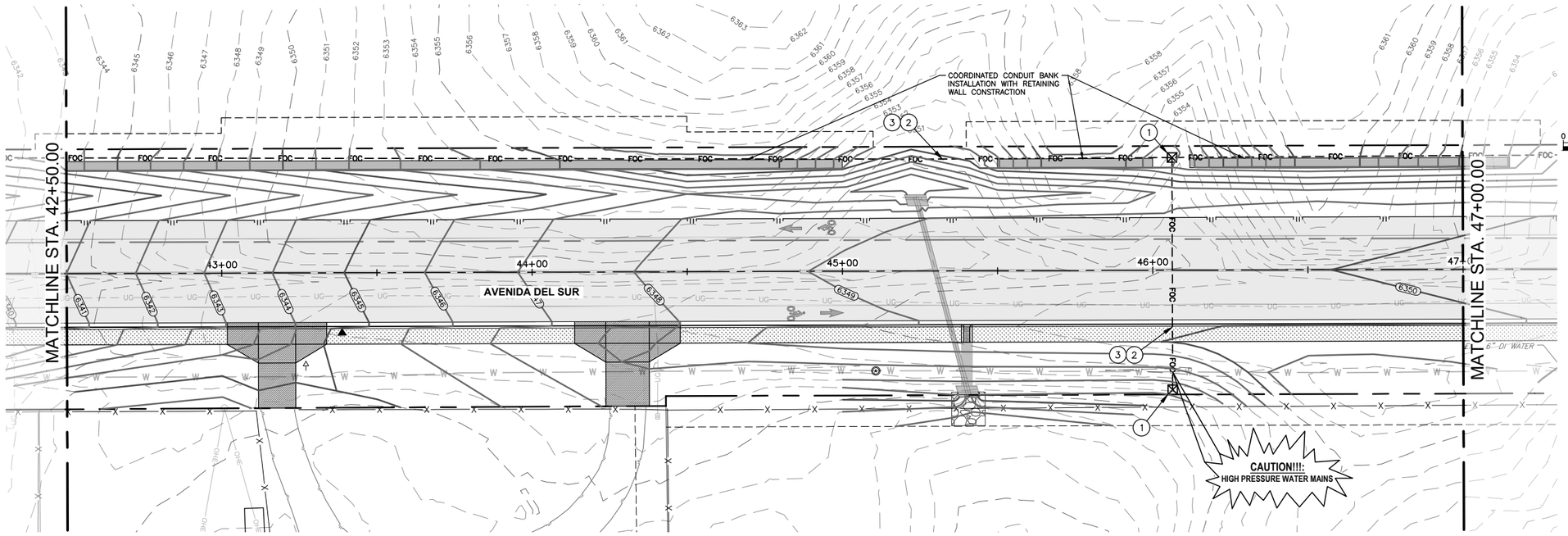

LEGEND

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- (3) INSTALL PULL ROPE

N

0 20' 40'
SCALE IN FEET

# AVENIDA DEL SUR




N

0 20' 40'
SCALE IN FEET

# AVENIDA DEL SUR

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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| | | | |

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

BROADBAND CONDUIT
SYSTEM PLANS

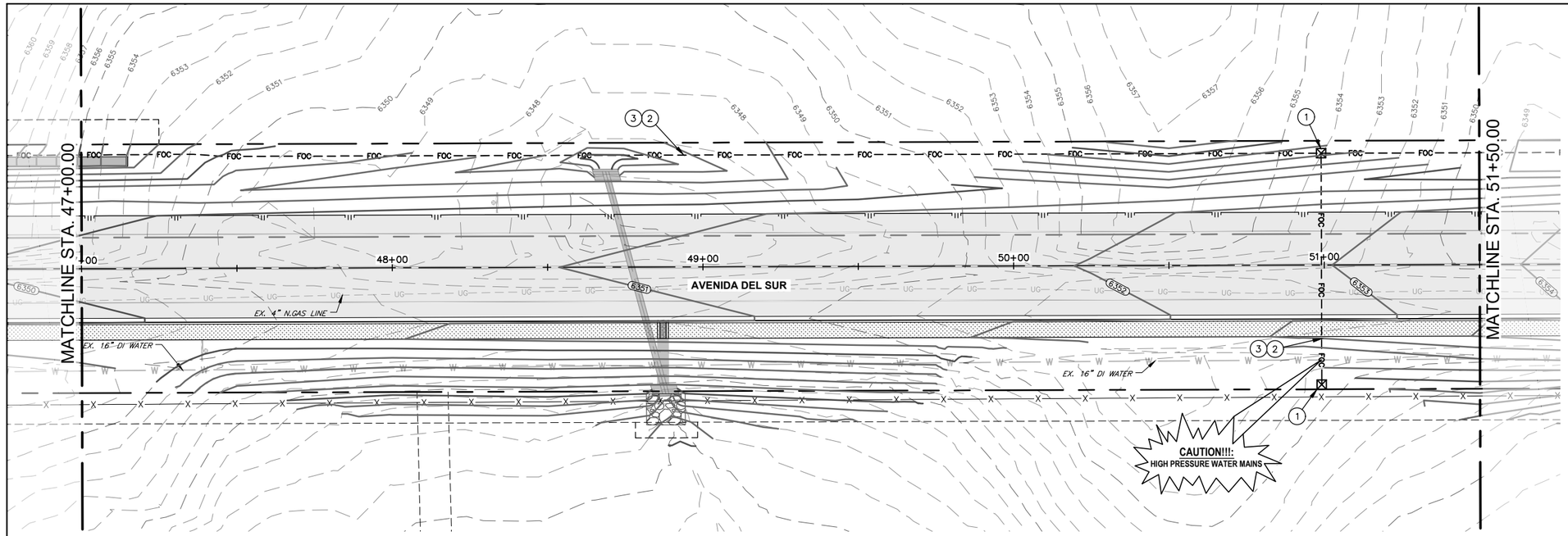
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 175 |

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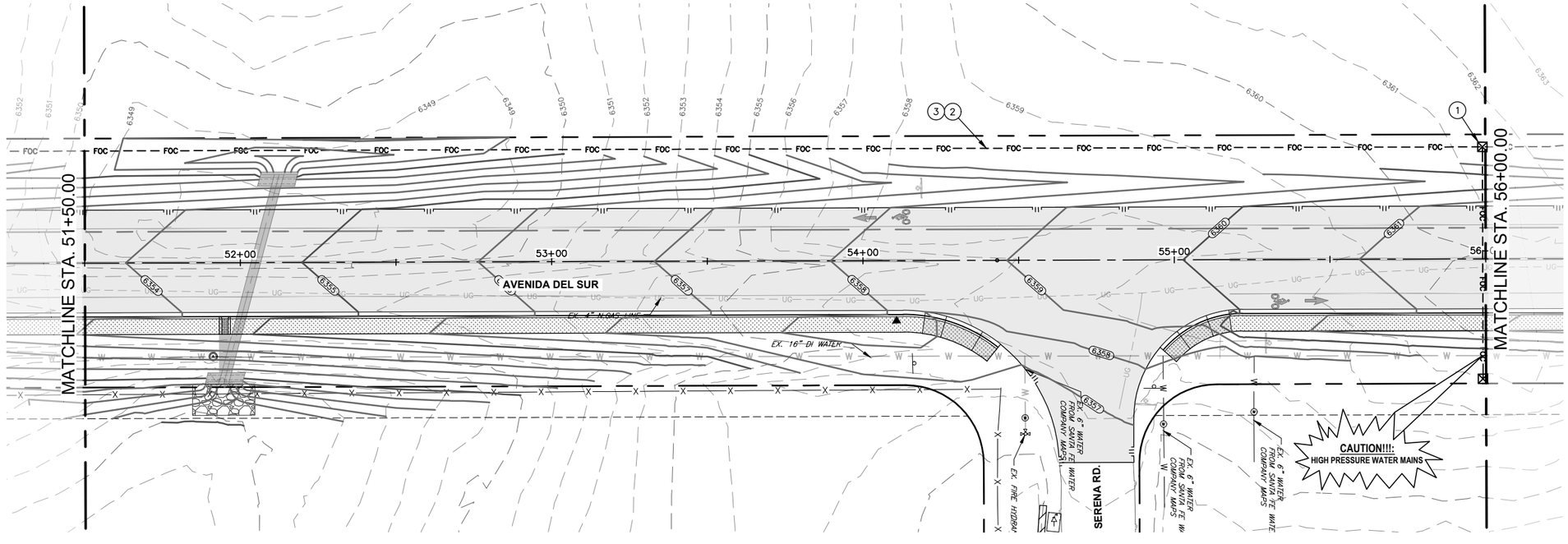

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- (3) INSTALL PULL ROPE

N

0 20' 40'
SCALE IN FEET

# AVENIDA DEL SUR




N

0 20' 40'
SCALE IN FEET

# AVENIDA DEL SUR

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

BROADBAND CONDUIT
SYSTEM PLANS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 176 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

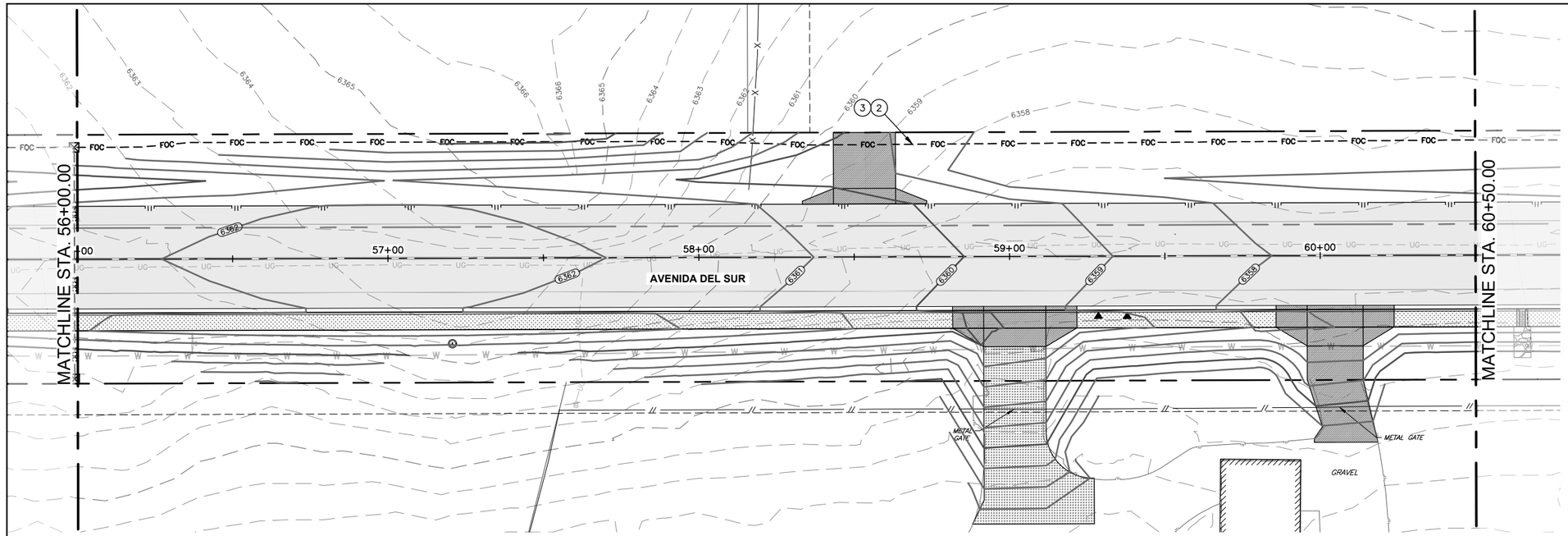
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- (3) INSTALL PULL ROPE

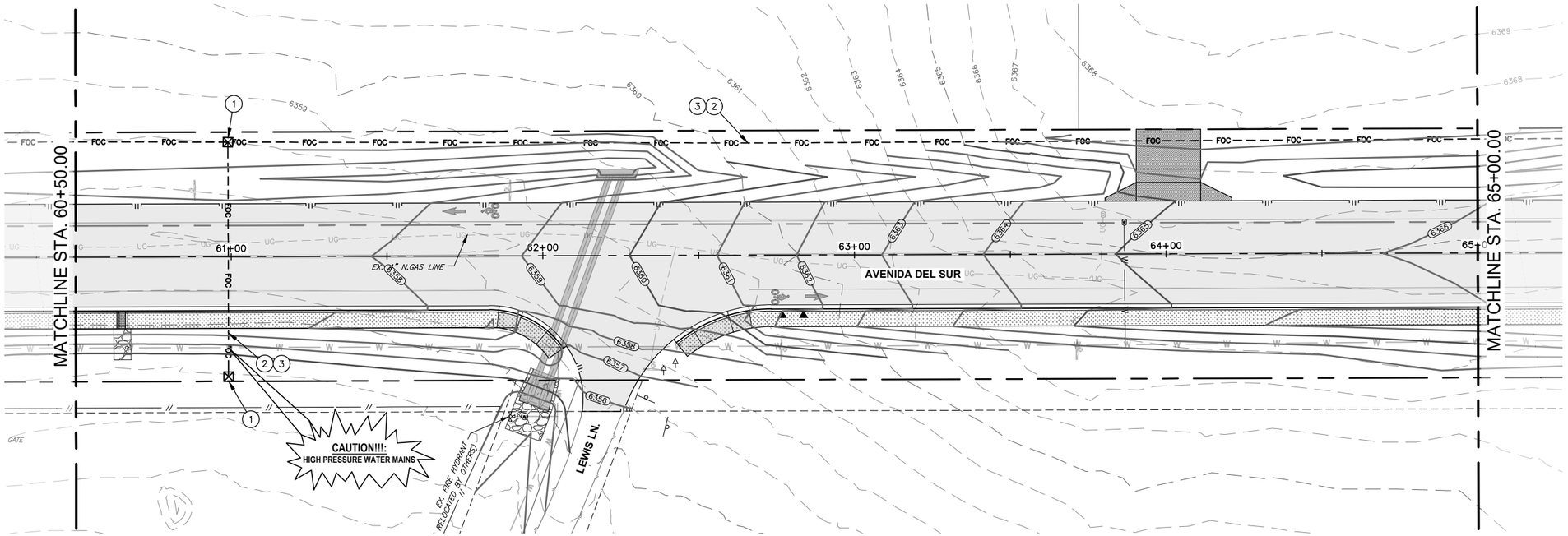



N

0 20' 40'

SCALE IN FEET

# AVENIDA DEL SUR




N

0 20' 40'

SCALE IN FEET

# AVENIDA DEL SUR

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

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SANTA FE COUNTY

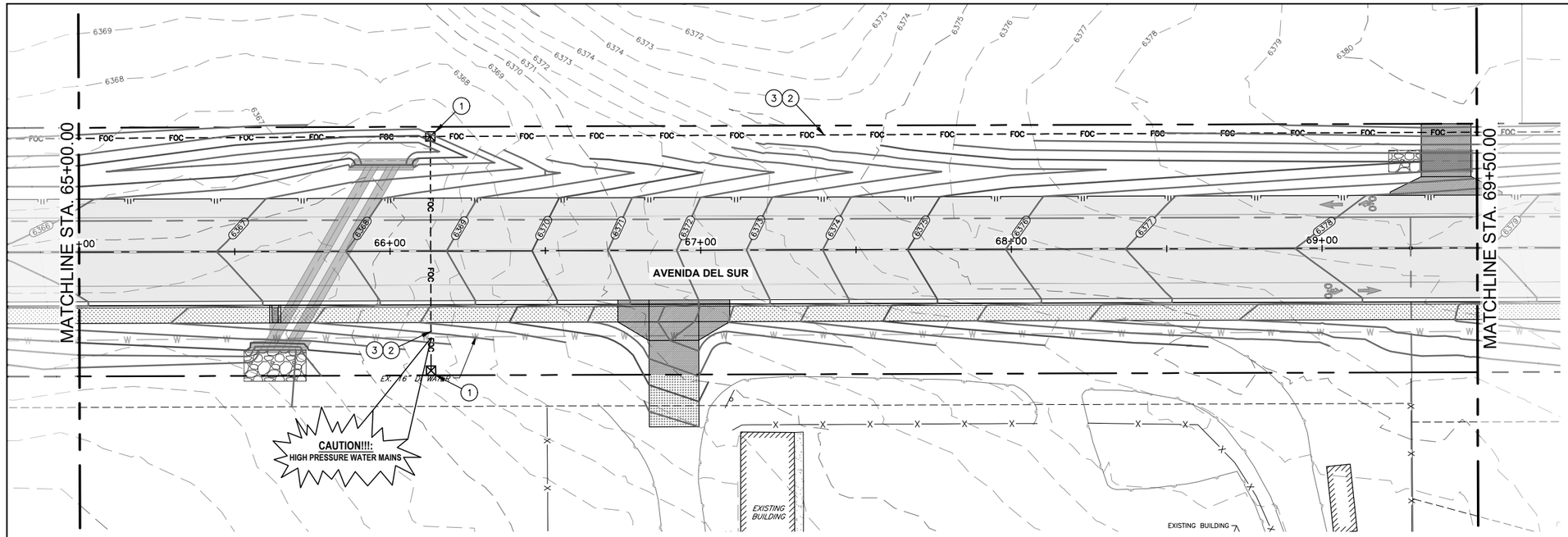
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

BROADBAND CONDUIT
SYSTEM PLANS

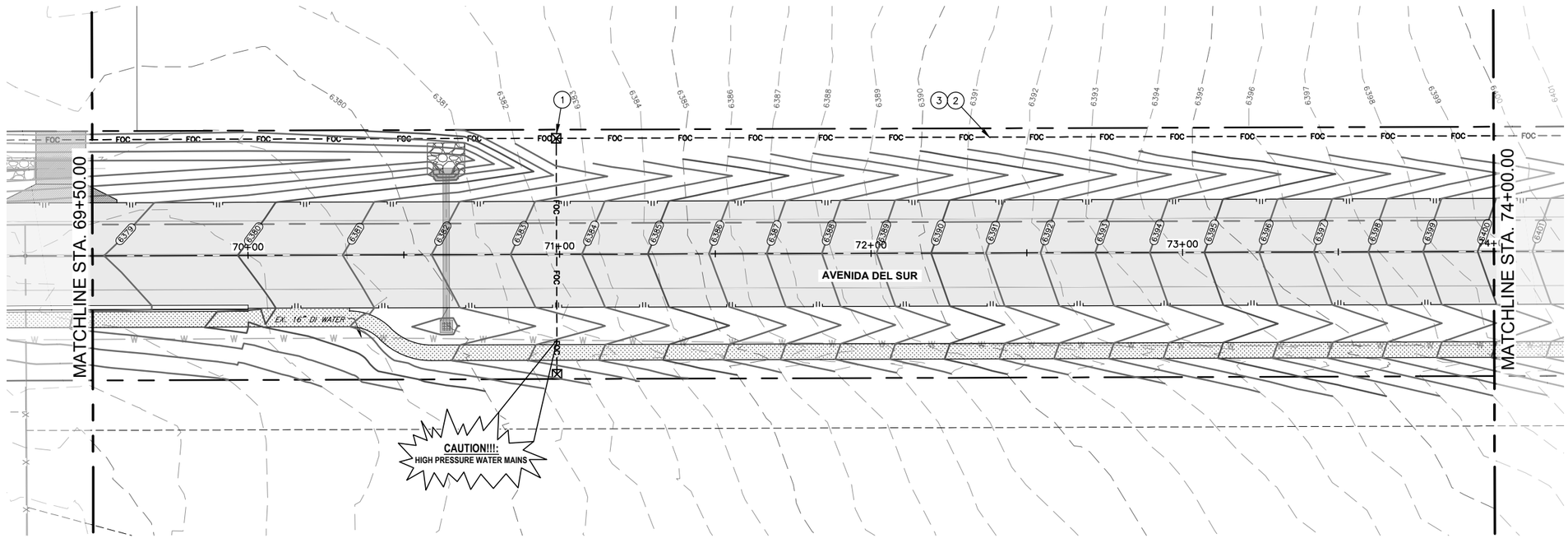
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| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 177 |

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AVENIDA DEL SUR




AVENIDA DEL SUR

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nm811 Know what's below. Call before you dig.

LEGEND

- ⊠ (1) INSTALL NEW ITS PULL BOX PER STANDARD DRAWING 75-02-1/1
- —FOC— (2) INSTALL NEW RIGID ELECTRICAL CONDUIT, 3-1 1/4" DIAMETER
- (3) INSTALL PULL ROPE

N

0 20' 40'
SCALE IN FEET

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

BROADBAND CONDUIT
SYSTEM PLANS

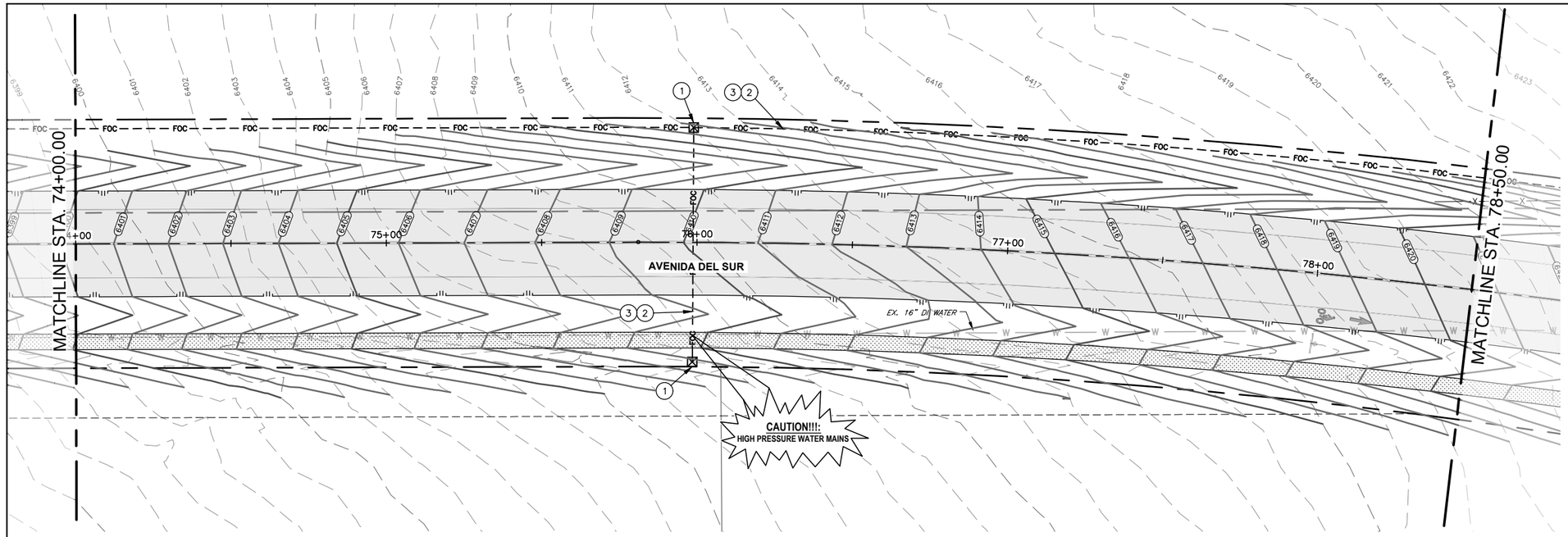
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 178 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

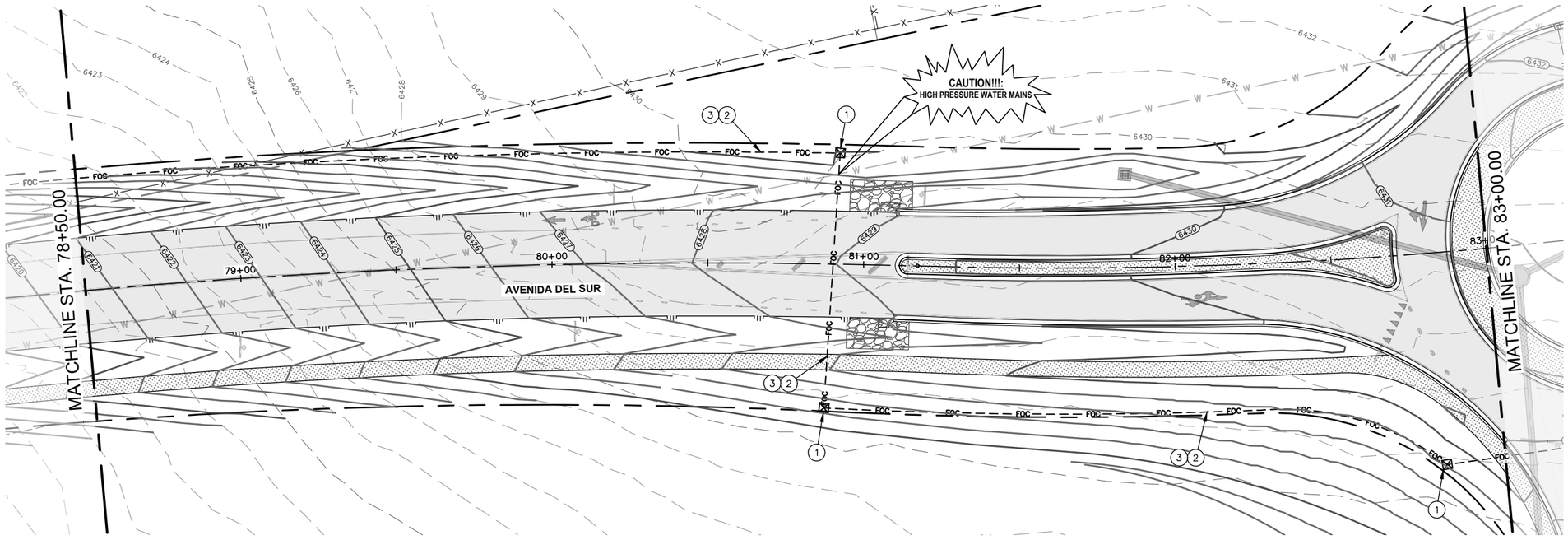
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AVENIDA DEL SUR




AVENIDA DEL SUR

LEGEND

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N

0 20' 40'
SCALE IN FEET

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

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SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# BROADBAND CONDUIT SYSTEM PLANS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 179 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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- FOC – – – (2) INSTALL NEW RIGID ELECTRICAL CONDUIT, 3-1 1/4" DIAMETER
- (3) INSTALL PULL ROPE

N

0 20' 40'
SCALE IN FEET

MATCHLINE STA. 83+00.00

MATCHLINE STA. 87+50.00

AVENIDA DEL SUR

EX. 16" DI WATER

EX. 16" DI WATER

EX. 16" DI WATER

FOC

CAUTION!!!: HIGH PRESSURE WATER MAINS

MATCHLINE STA. 87+50.00

MATCHLINE STA. 92+00.00

AVENIDA DEL SUR

# AVENIDA DEL SUR

# AVENIDA DEL SUR

N

0 20' 40'
SCALE IN FEET

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

BROADBAND CONDUIT
SYSTEM PLANS

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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 180 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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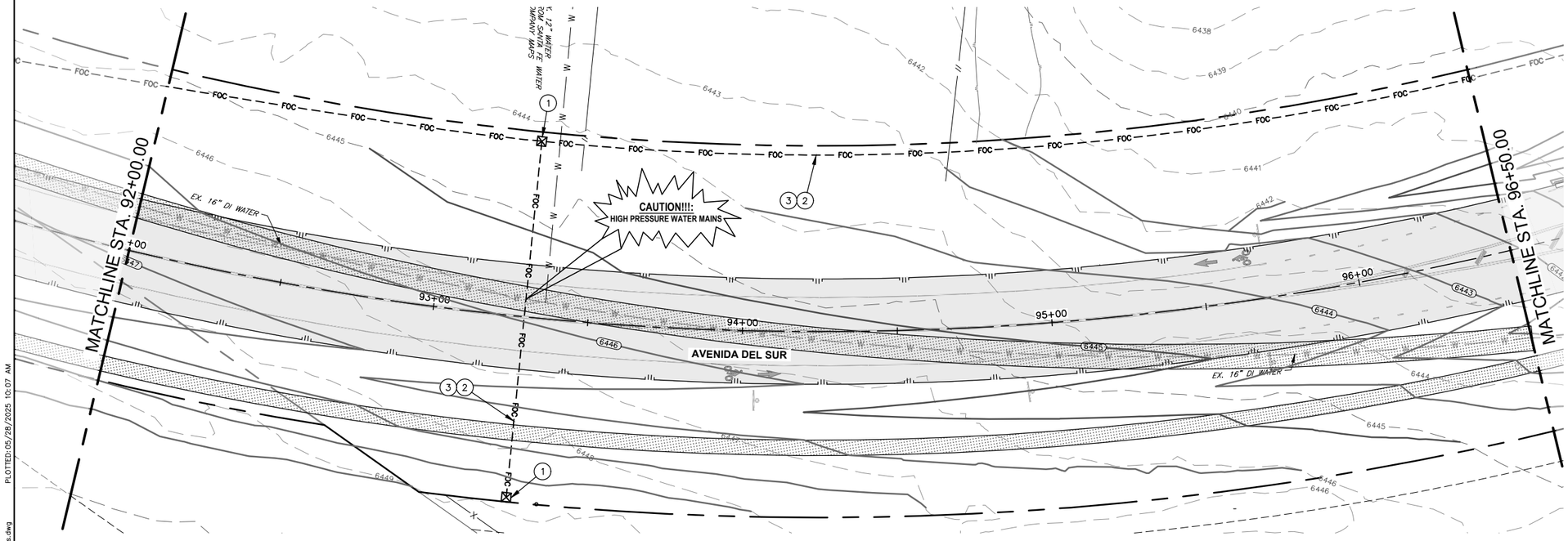
nm811 Know what's below. Call before you dig.

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—FOC— — — — (2) INSTALL NEW RIGID ELECTRICAL CONDUIT, 3-1 1/4" DIAMETER

(3) INSTALL PULL ROPE




# AVENIDA DEL SUR

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

BROADBAND CONDUIT
SYSTEM PLANS

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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 181 |

ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION

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- (3) INSTALL PULL ROPE

N

0 20' 40'
SCALE IN FEET

MATCHLINE STA. 96+50.00

MATCHLINE STA. 101+00.00

AVENIDA DEL SUR

97+00 98+00 99+00 100+00 101+00

A VAN NU PO

EX. 16" DI WATER FROM SANTA FE WATER COMPANY MAPS

CAUTION!!!: HIGH PRESSURE WATER MAINS

EXISTING BUILDING

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
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CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# BROADBAND CONDUIT SYSTEM PLANS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 182 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\2085\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Fiber Optics.dwg PLOTTED: 05/28/2025 10:08 AM

LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

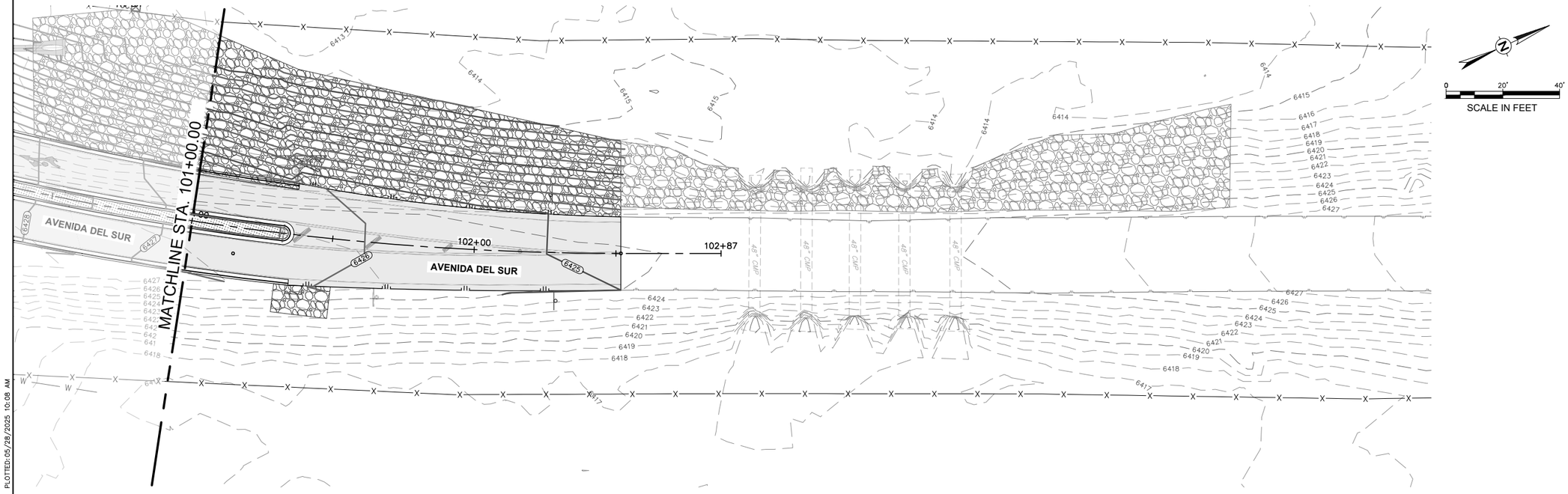
nm811 Know what's below. Call before you dig.

LEGEND

⊠ (1) INSTALL NEW ITS PULL BOX PER STANDARD DRAWING 75-02-1/1

—FOC - - - - — (2) INSTALL NEW RIGID ELECTRICAL CONDUIT, 3-1 1/4" DIAMETER

(3) INSTALL PULL ROPE




0 20' 40'
SCALE IN FEET

# AVENIDA DEL SUR

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER 5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

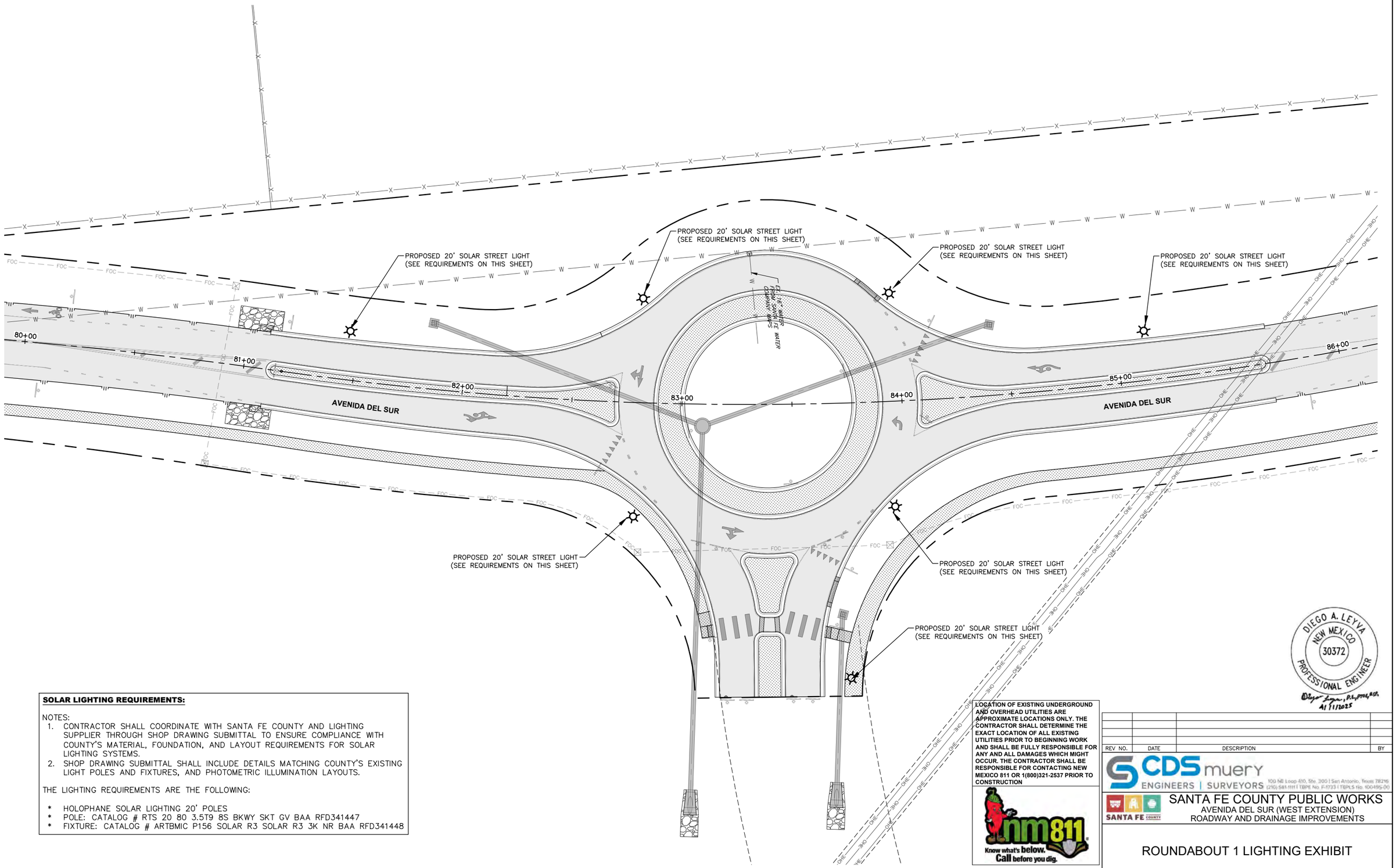
BROADBAND CONDUIT
SYSTEM PLANS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 183 |

ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION

PLOTTED: 05/28/2025 10:08 AM

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**SOLAR LIGHTING REQUIREMENTS:**

NOTES:

1. CONTRACTOR SHALL COORDINATE WITH SANTA FE COUNTY AND LIGHTING SUPPLIER THROUGH SHOP DRAWING SUBMITTAL TO ENSURE COMPLIANCE WITH COUNTY'S MATERIAL, FOUNDATION, AND LAYOUT REQUIREMENTS FOR SOLAR LIGHTING SYSTEMS.
2. SHOP DRAWING SUBMITTAL SHALL INCLUDE DETAILS MATCHING COUNTY'S EXISTING LIGHT POLES AND FIXTURES, AND PHOTOMETRIC ILLUMINATION LAYOUTS.

THE LIGHTING REQUIREMENTS ARE THE FOLLOWING:

* HOLOPHANE SOLAR LIGHTING 20' POLES
* POLE: CATALOG # RTS 20 80 3.5T9 8S BKWY SKT GV BAA RFD341447
* FIXTURE: CATALOG # ARTBMIC P156 SOLAR R3 SOLAR R3 3K NR BAA RFD341448

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nm811 Know what's below. Call before you dig.

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP.
At 5/1/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

## ROUNDABOUT 1 LIGHTING EXHIBIT

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 184 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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PROPOSED 20' SOLAR STREET LIGHT
(SEE REQUIREMENTS ON THIS SHEET)

PROPOSED 20' SOLAR STREET LIGHT
(SEE REQUIREMENTS ON THIS SHEET)

PROPOSED 20' SOLAR STREET LIGHT
(SEE REQUIREMENTS ON THIS SHEET)

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(SEE REQUIREMENTS ON THIS SHEET)

PROPOSED 20' SOLAR STREET LIGHT
(SEE REQUIREMENTS ON THIS SHEET)

PRIVATE ROAD

AVENIDA DEL SUR

AVENIDA DEL SUR

A VAN NU PO

EX. 16" DI WATER FROM SANTA FE WATER COMPANY MAPS

EXISTING BUILDING

97+00 98+00 99+00 100+00 101+00 102+00

2+00 3+00 4+00

**SOLAR LIGHTING REQUIREMENTS:**

NOTES:
1. CONTRACTOR SHALL COORDINATE WITH SANTA FE COUNTY AND LIGHTING SUPPLIER THROUGH SHOP DRAWING SUBMITTAL TO ENSURE COMPLIANCE WITH COUNTY'S MATERIAL, FOUNDATION, AND LAYOUT REQUIREMENTS FOR SOLAR LIGHTING SYSTEMS.
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* FIXTURE: CATALOG # ARTBMIC P156 SOLAR R3 SOLAR R3 3K NR BAA RFD341448

DIEGO A. LEYVA
NEW MEXICO
30372
PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP1
At 7/1/2025

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Know what's below. Call before you dig.

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

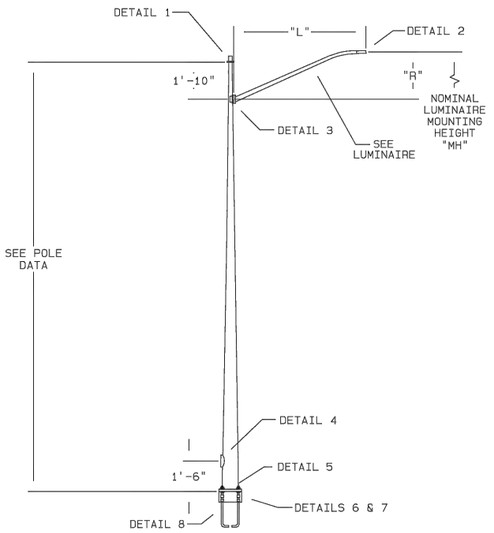
## ROUNDABOUT 2 LIGHTING EXHIBIT

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 185 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:02 AM

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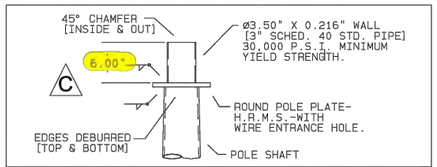



## MATERIAL DATA

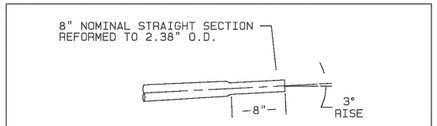
| COMPONENT | ASTM DESIGNATION | MIN. YIELD (KSI) |
|---|---|---|
| POLE TUBE | A595 GR.A | 55 |
| PLATES | A36 | 36 |
| SIMPLEX CONN. BOLTS | GR.5 | -- |
| ANCHOR BOLTS | F1554 GR.55 | 55 |
| HARDWARE COATING | HOT DIP ZINC | -- |
| | | |

## FINISH DATA

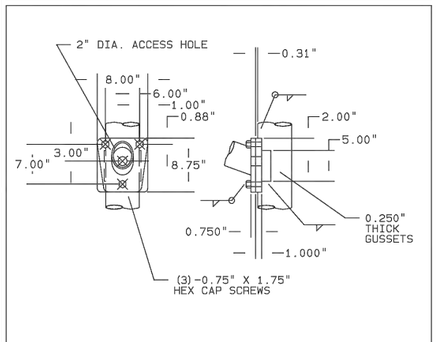
SYSTEM: GALVANIZED (GV)
BASE COAT: HOT-DIP GALVANIZED TO ASTM A123
PRIME COAT: NONE
FINISH COAT: NONE
COLOR: NONE
SPEC: F-1



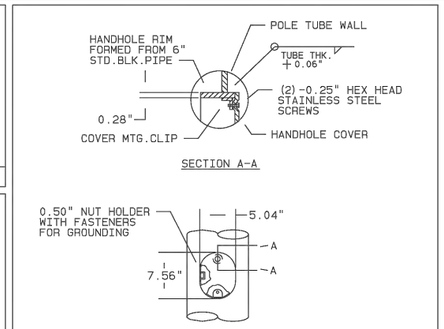

DETAIL 1 | POLE TOP TENON



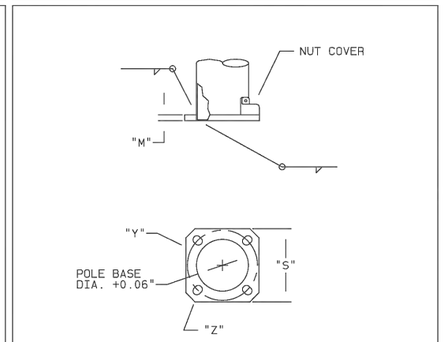

DETAIL 2 | ARM END



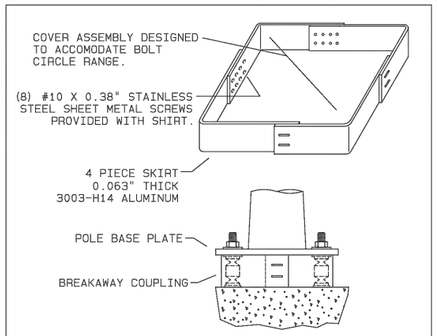

DETAIL 3 | LUMINAIRE ARM ATTACHMENT



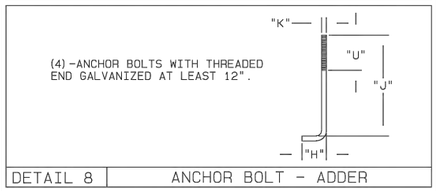

DETAIL 4 | HANDHOLE



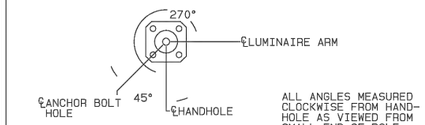

DETAIL 5 | POLE BASE




DETAIL 7 | BREAKAWAY COUPLING SKIRT




DETAIL 8 | ANCHOR BOLT - ADDER




RADIAL INDEX

## POLE AND ARM DATA

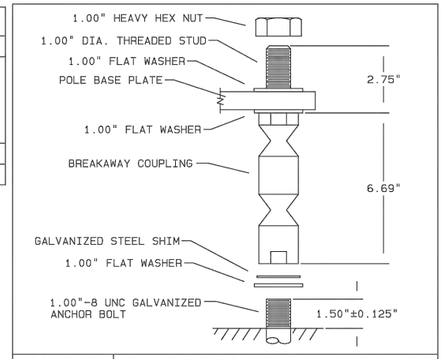
| ITEM | QTY. | POLE TUBE | | | | POLE BASE | | | | ANCHOR BOLT - ADDER | | | | LUMINAIRE ARM | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | BASE DIA. (IN) | TOP DIA. (IN) | LENGTH (FT) | GAUGE OR THK. (IN) | SQUARE "S" (IN) | BOLT CIRCLE "Y" (IN) | THK. "M" (IN) | HOLE "Z" (IN) | DIA. "K" (IN) | LENGTH "J" (IN) | HOOK "H" (IN) | THREAD LENGTH "U" (IN) | ARM SPAN "L" (FT) | RISE HEIGHT "R" (FT) | BASE DIA. (IN) | GAUGE OR THK. (IN) | NOMINAL LUMINAIRE MOUNTING HEIGHT "MH" (FT) |
| RFD341147 | 75 | 8.00 | 5.20 | 20.00 | 11 | 11.50 | 11.00 | 0.875 | 1.25 | 1.00 | 36.00 | 4.00 | 6.00 | 8.00 | 1.83 | 3.58 | 11 | 20.00 |
| | | | | | | | | | | | | | | | | | | |

THE LIGHTING STRUCTURES SHOWN ON THIS DRAWING HAVE BEEN DESIGNED IN ACCORDANCE WITH THE LOADING AND THE ALLOWABLE STRESS REQUIREMENTS OF THE 2015 AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", FIRST EDITION, SLTS-1. THE WIND LOADS WERE CALCULATED FROM A BASIC WIND VELOCITY OF 120 MPH WITH A RECURRENCE INTERVAL OF 1700 YEARS.

AASHTO 2015 SPECIFICATIONS

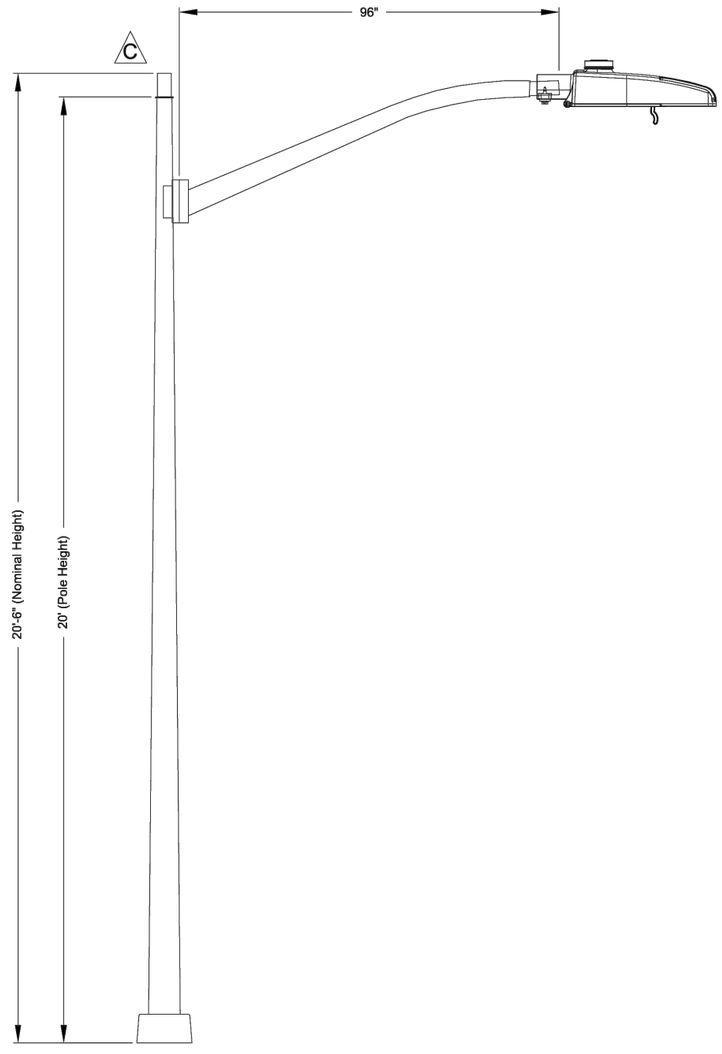
ALTHOUGH RARE, VIBRATIONS SEVERE ENOUGH TO CAUSE DAMAGE CAN OCCASIONALLY OCCUR IN STRUCTURES OF ALL TYPES. BECAUSE THEY ARE INFLUENCED BY MANY INTERACTING VARIABLES, VIBRATIONS ARE GENERALLY UNPREDICTABLE. THE USER'S MAINTENANCE PROGRAM SHOULD INCLUDE OBSERVATION FOR EXCESSIVE VIBRATION AND EXAMINATION FOR ANY STRUCTURAL DAMAGE OR BOLT LOOSENING. THE VALMONT WARRANTY SPECIFICALLY EXCLUDES FATIGUE FAILURE OR SIMILAR PHENOMENA RESULTING FROM INDUCED VIBRATION, HARMONIC OSCILLATION OR RESONANCE ASSOCIATED WITH MOVEMENT OF AIR CURRENTS AROUND THE PRODUCT.

VIBRATION DISCLAIMER




DETAIL 6 | TRANSPO NO.4100 BREAKAWAY COUPLING

| REV | DRAWN BY-DATE | CHECK BY-DATE | DESCRIPTION |
|---|---|---|---|
| C | KB8 04/30/24 | KB8 04/30/24 | REVISE TENON AND DR NUMBER. |
| B | SSK 03/13/24 | SSK 03/13/24 | ADDED SHT 2 FOR COMPOSITE. |
| A | TS8 03/11/24 | REM 03/12/24 | ADDED DRILLING TO TENON. |
| --- | TS8 11/06/23 | KB8 11/07/23 | - - -




## Autobahn Series ATBMicro

Performance Package P156-
3000K Series CCT-
Multivolt (120-277V)-
Roadway Type III-
No Photocontrol Receptacle-
Buy American Act-
*Only Compatible with Sol by Sunna Design's Solar Lighting Solutions*

CUSTOMER NOTES:
1. SIGNED APPROVAL TO ACCOMPANY PO.

**Catalog #'s:**
Pole: RTS 20 80 3.5T9 8S BKWY SKT GV BAA RFD341447
Fixture: ATBMIC P156 SOLAR R3 3K NR BAA RFD341448
*(Pole Specs on Sheet 1)*

**Customer Signature & Date:**

| | | |
|---|---|---|
| JOB | COUNTY OF SANTA FE-SOLAR NE/SE CONNECTORS<br>SANTA FE, NEW MEXICO | ORDER NUMBER: NM597456P2<br>PAGE NUMBER: 2 OF 2 |
| TITLE | LIGHTING STRUCTURES | DRAWING NUMBER TSG015093 / REV C |

HOLOPHANE® LEADER IN LIGHTING SOLUTIONS An AcuityBrandsCompany

DIEGO A. LEYVA NEW MEXICO 30372 PROFESSIONAL ENGINEER
Diego Leyva, P.E., PTOE, RSP1
4/11/2025

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

**LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION**

nm811 Know what's below. Call before you dig.

CDS muery ENGINEERS | SURVEYORS 100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216 (210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

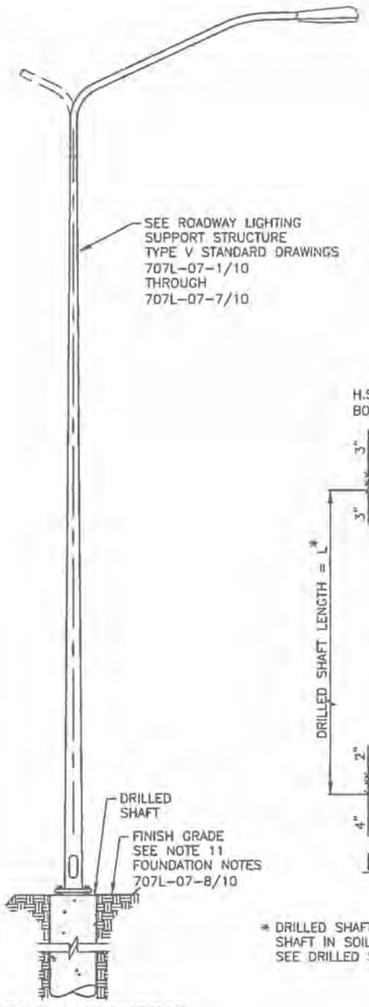
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

SOLAR LIGHTING STANDARDS
SANTA FE COUNTY (SHEET 2 OF 2)

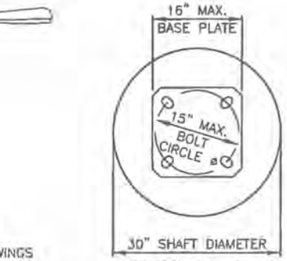
| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 187 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

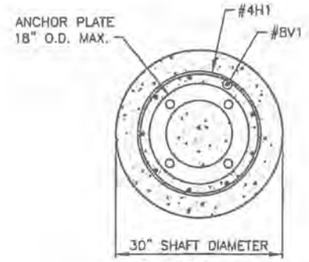
PLOTTED: 05/28/2025 10:02 AM
P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-Lighting.dwg



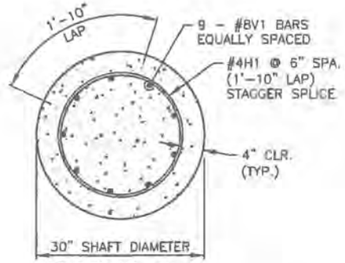

ROADWAY LIGHTING
POLE ELEVATION
NOT TO SCALE



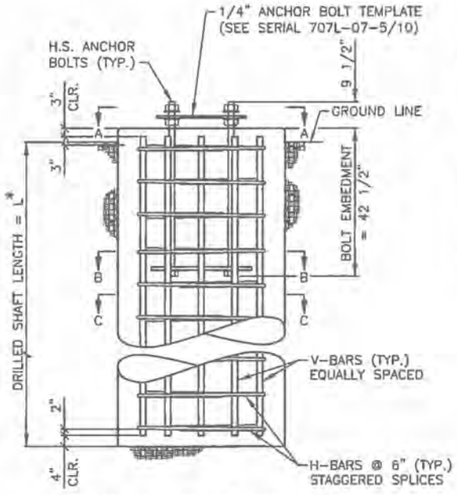

SECTION A–A
NOT TO SCALE




SECTION B–B
NOT TO SCALE




SECTION C–C
NOT TO SCALE




FOUNDATION ELEVATION
NOT TO SCALE

* DRILLED SHAFT LENGTH IS MEASURED AS LENGTH OF SHAFT IN SOIL OR ROCK AS APPLICABLE. SEE DRILLED SHAFT LENGTHS TABLE FOR LENGTH.

## DRILLED SHAFT LENGTHS

SEE NOTE 9 FOUNDATION NOTES 707-07-8/10

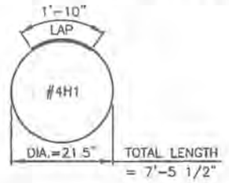
| POLE HEIGHT (ft) | DRILLED SHAFT LENGTH (ft) |
|---|---|
| 50 | 8.5 |
| 30 ORNAMENTAL | 7.0 |
| 40 | 7.5 |
| 30 | 6.0 |

## ANCHOR BOLTS

| POLE HEIGHT (ft) | POLE DIAMETER O.D. (in) | BOLT DIAMETER (in) | BOLT LENGTH (in) | NUMBER OF BOLTS | BOLT CIRCLE DIAMETER (in) |
|---|---|---|---|---|---|
| 50 | 10 | 1.000 | 52 | 4 | 15 |
| 40 | 9 | 1.000 | 52 | 4 | 11.5 |
| 30 | 8 | 1.000 | 52 | 4 | 11.5 |

## REINFORCING SCHEDULE

#BV1 | DRILLED SHAFT LENGTH SUBTRACT 7" | 9 REQ'D




THIS STANDARD DRAWING IS FOR USE ON NMDOT PROJECTS. OTHERS WHO USE THE NMDOT STANDARD DRAWINGS DO SO AT THEIR OWN RISK. STANDARD DRAWINGS THAT ARE APPLICABLE TO A SPECIFIC PROJECT WILL BE IDENTIFIED ON THE PROJECT PLANS BUT WILL NOT BE PHYSICALLY INCLUDED IN THOSE PLANS. THE DESIGNER WHO SPECIFIES A STANDARD DRAWING ACCEPTS THE RESPONSIBILITY OF DETERMINING THEIR APPLICABILITY.

| NO. | DATE | BY | DESCRIPTION |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO
DEPARTMENT OF TRANSPORTATION
STANDARD DRAWING

ROADWAY LIGHTING
SUPPORT STRUCTURES
TYPE V

DRILLED SHAFT DETAILS

707L-07-9/10 9 of 10




APPROVED FOR USE ON NMDOT PROJECTS: Kathy Campbell DATE: 11/17/17

DESIGNED BY: ADA DRAWN BY: DLH CHECKED BY: NJB

Sheet 707-20




LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING NEW MEXICO 811 OR 1(800)321-2537 PRIOR TO CONSTRUCTION

nm811 Know what's below. Call before you dig.

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
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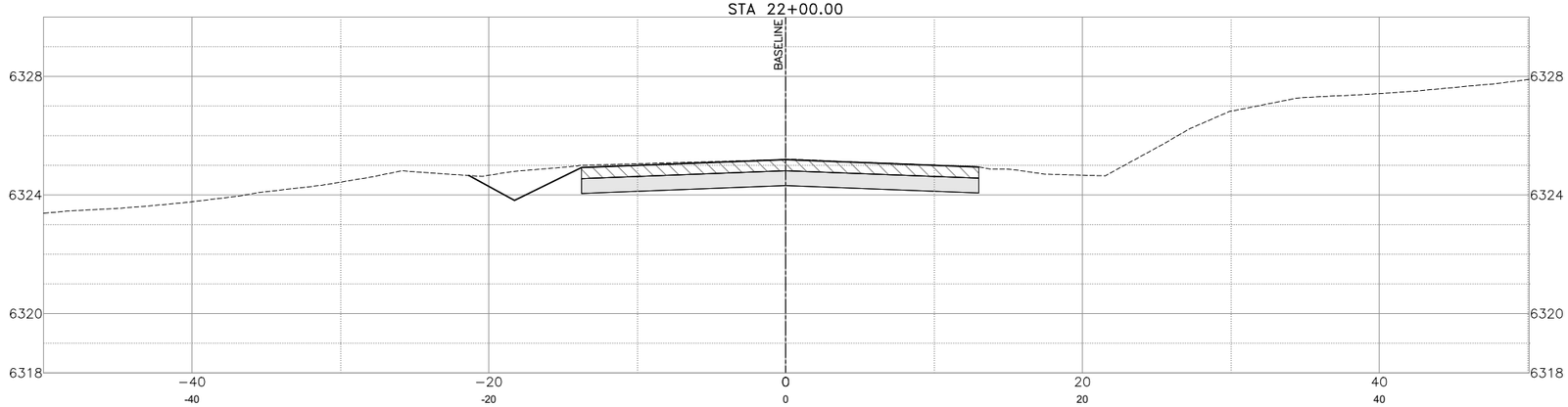
SOLAR LIGHTING STANDARDS
DRILLED SHAFT DETAILS

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 187A |

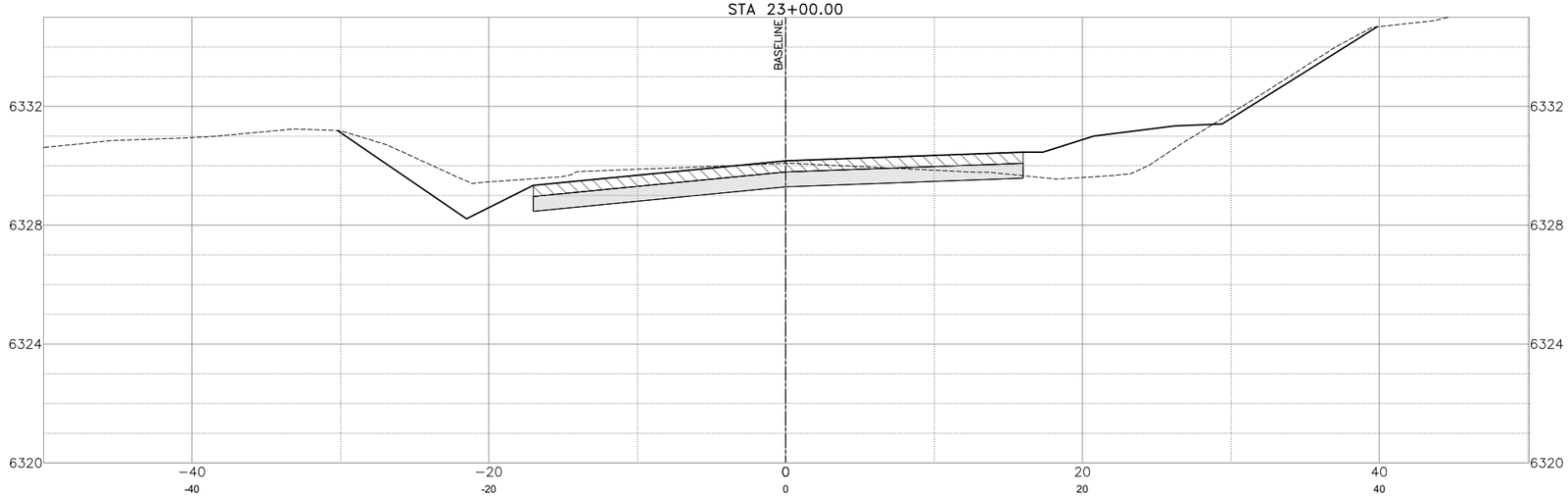
ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION

P:_ABS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005--Lighting.dwg PLOTTED: 05/28/2025 10:03 AM

STA 22+00.00




STA 23+00.00




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

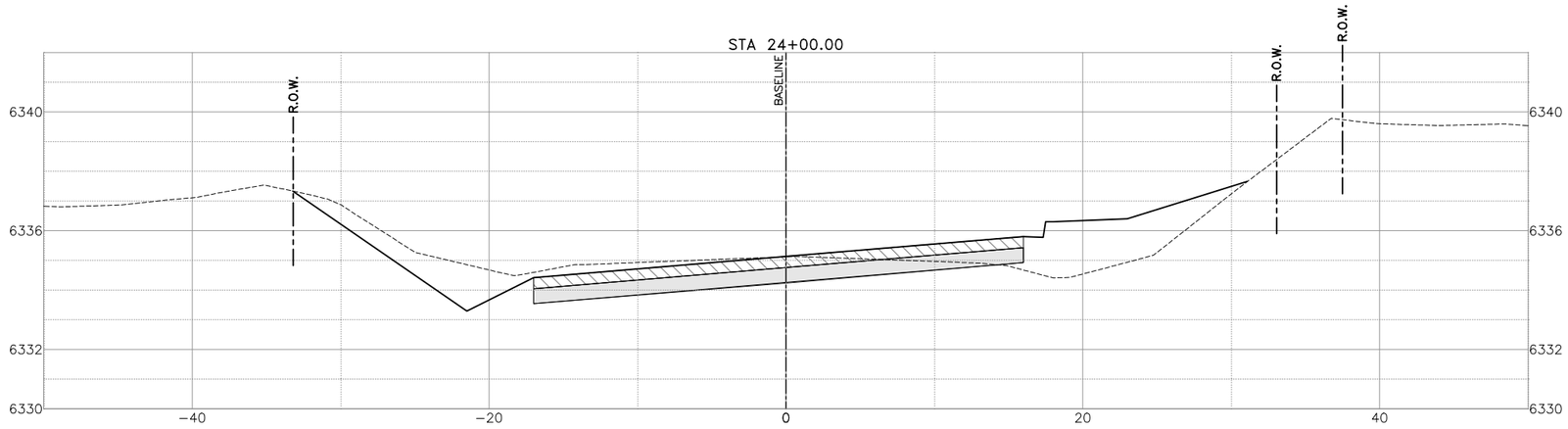
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

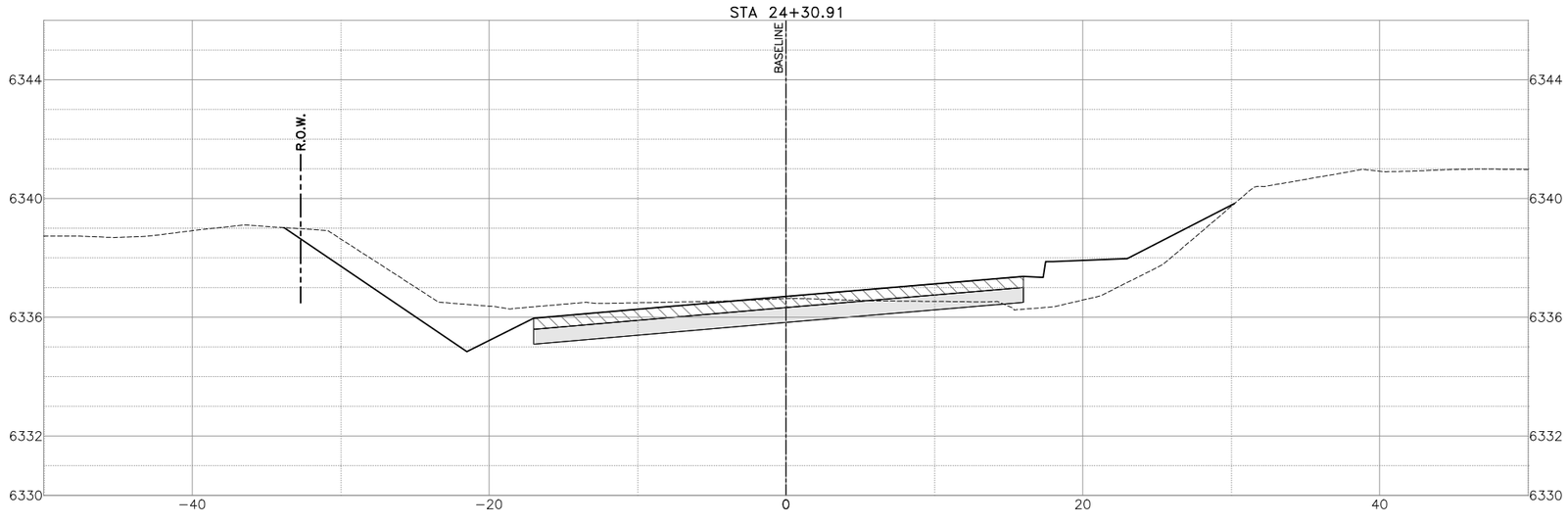
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

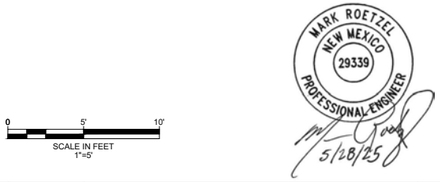
| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 188 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED:05/28/2025 9:58 AM




0 5' 10'
SCALE IN FEET
1"=5'

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

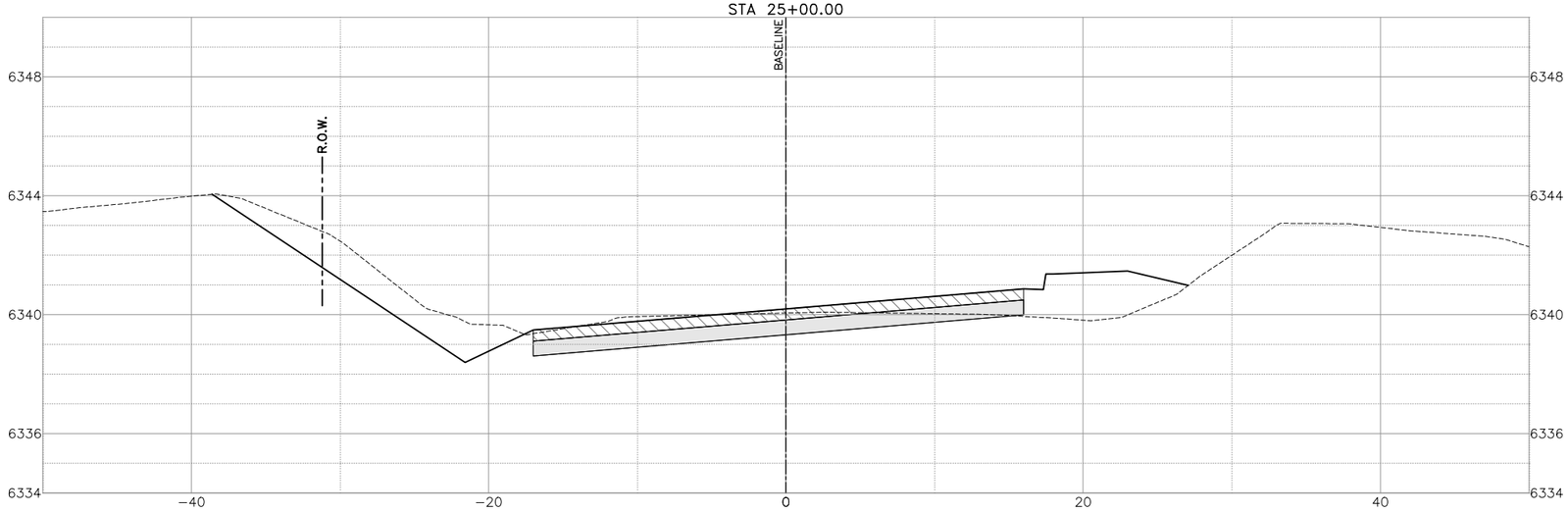
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 189 |

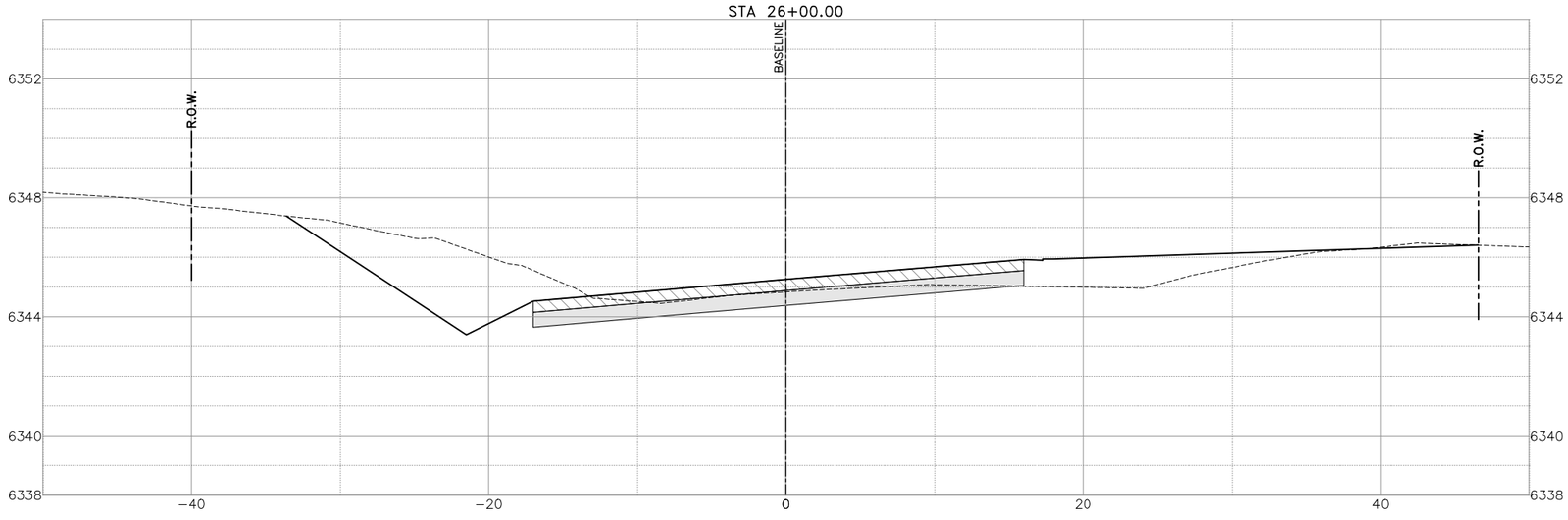
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED: 05/28/2025 9:58 AM

STA 25+00.00




STA 26+00.00




SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

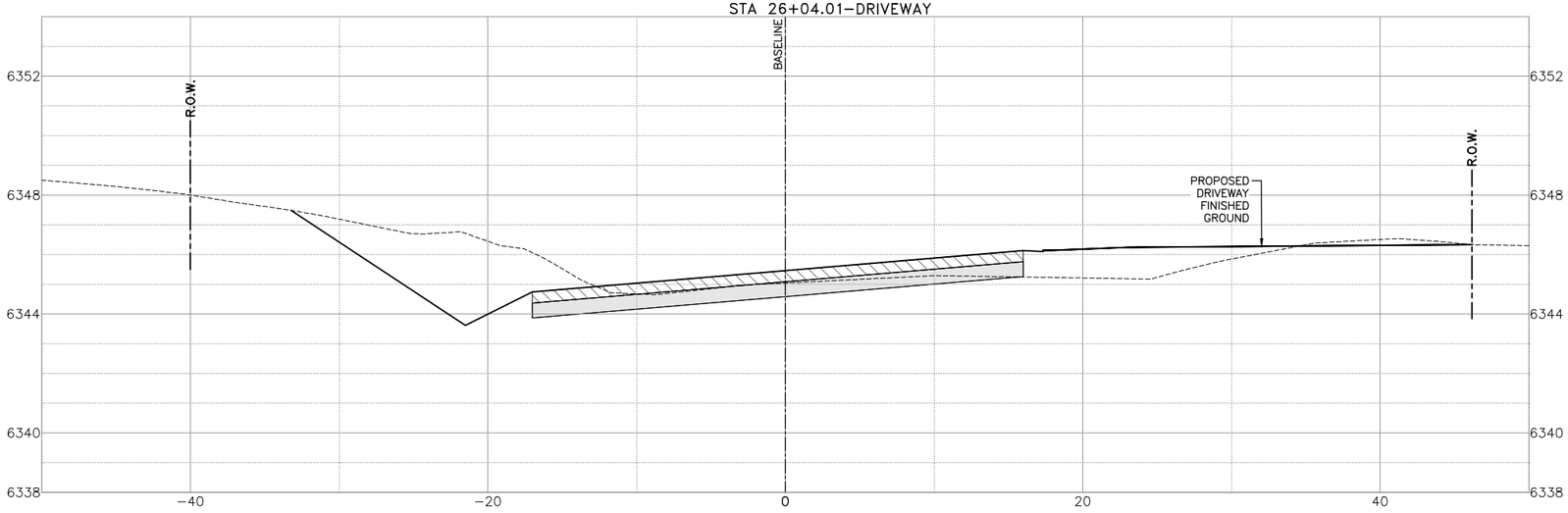
## ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 190 |

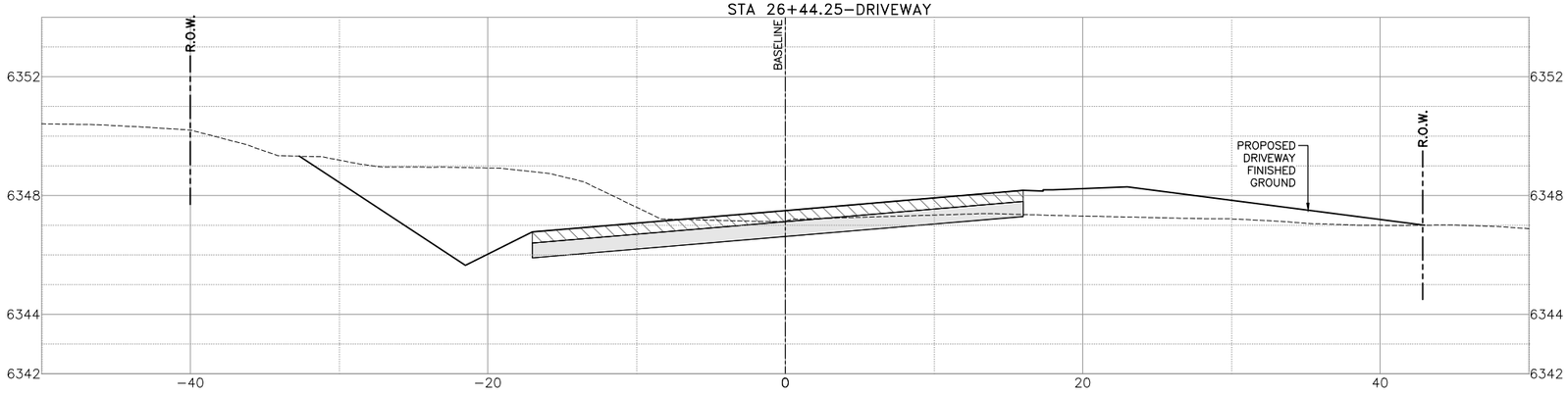
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED: 05/28/2025 9:58 AM

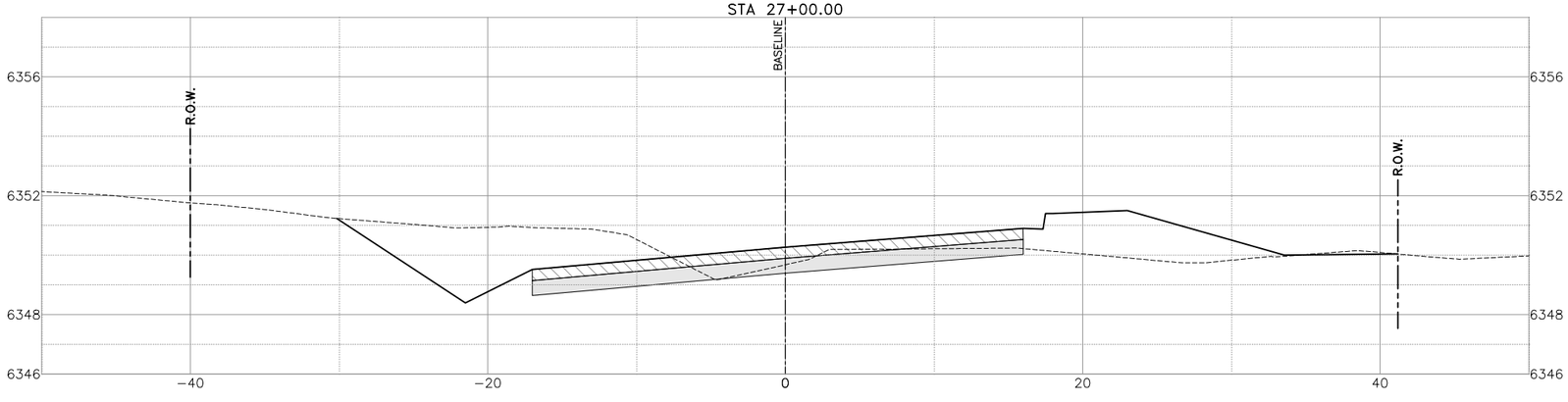
STA 26+04.01–DRIVEWAY




STA 26+44.25–DRIVEWAY




STA 27+00.00




SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

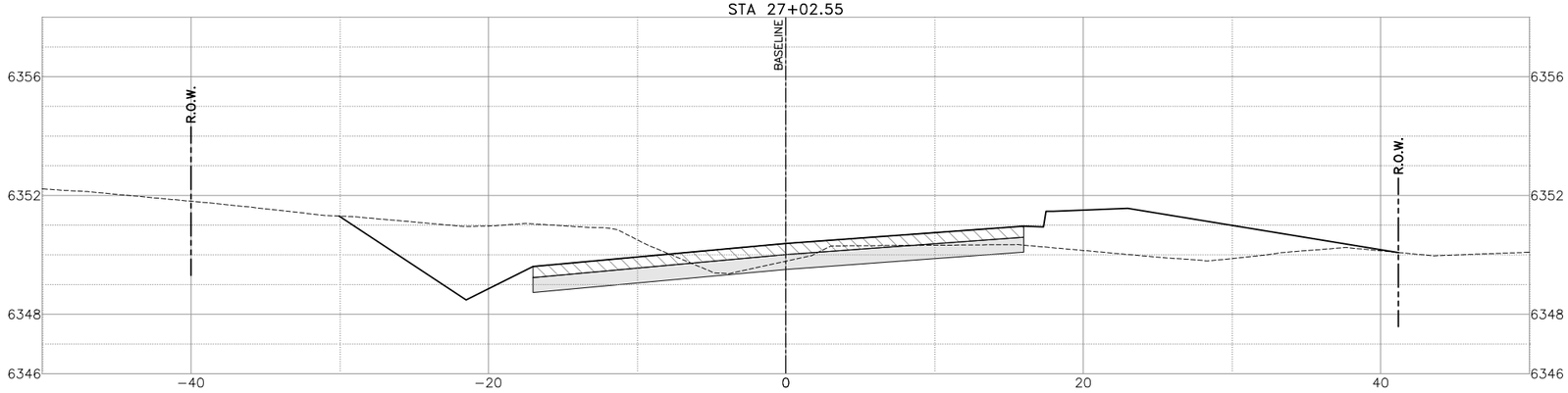
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 191 |

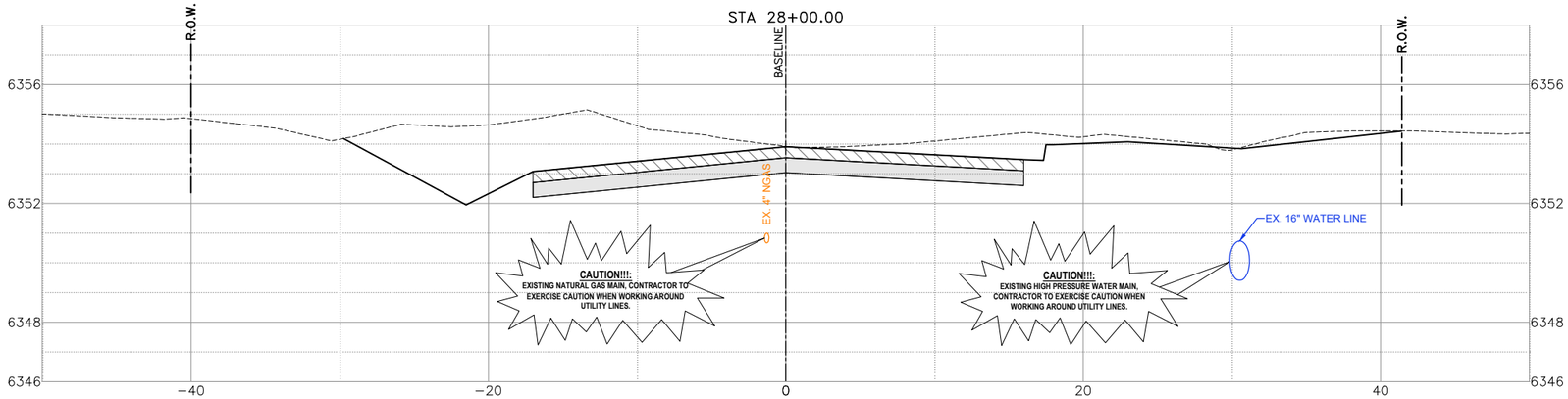
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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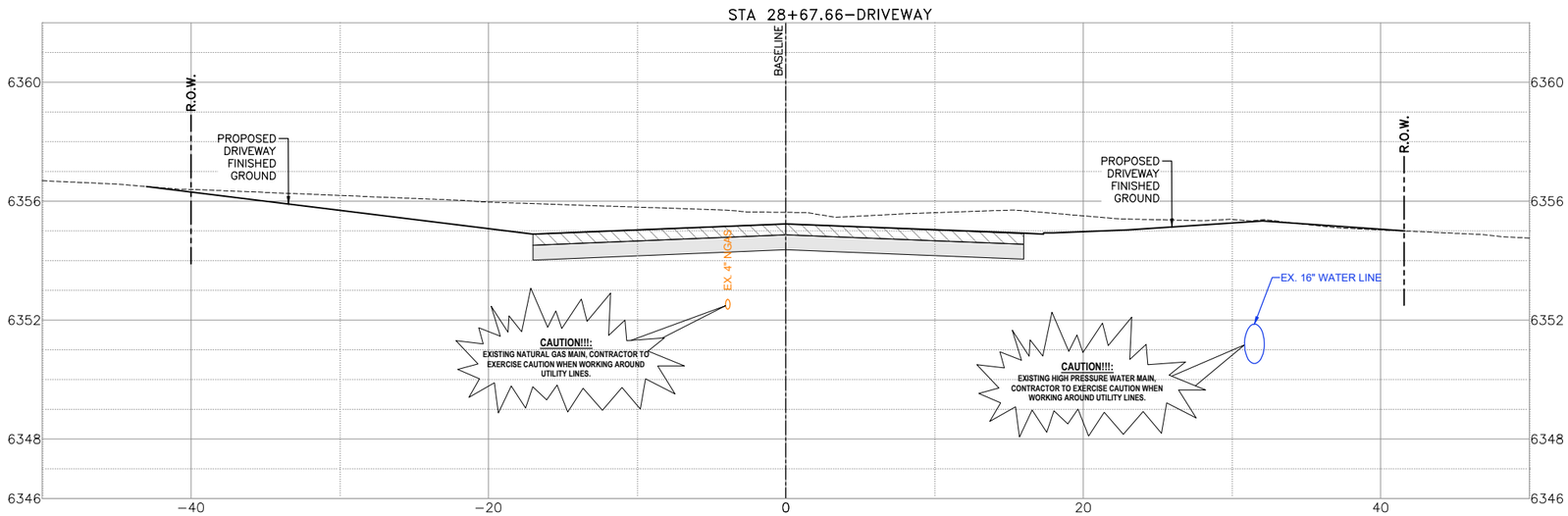
STA 27+02.55




STA 28+00.00




STA 28+67.66–DRIVEWAY




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |


CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

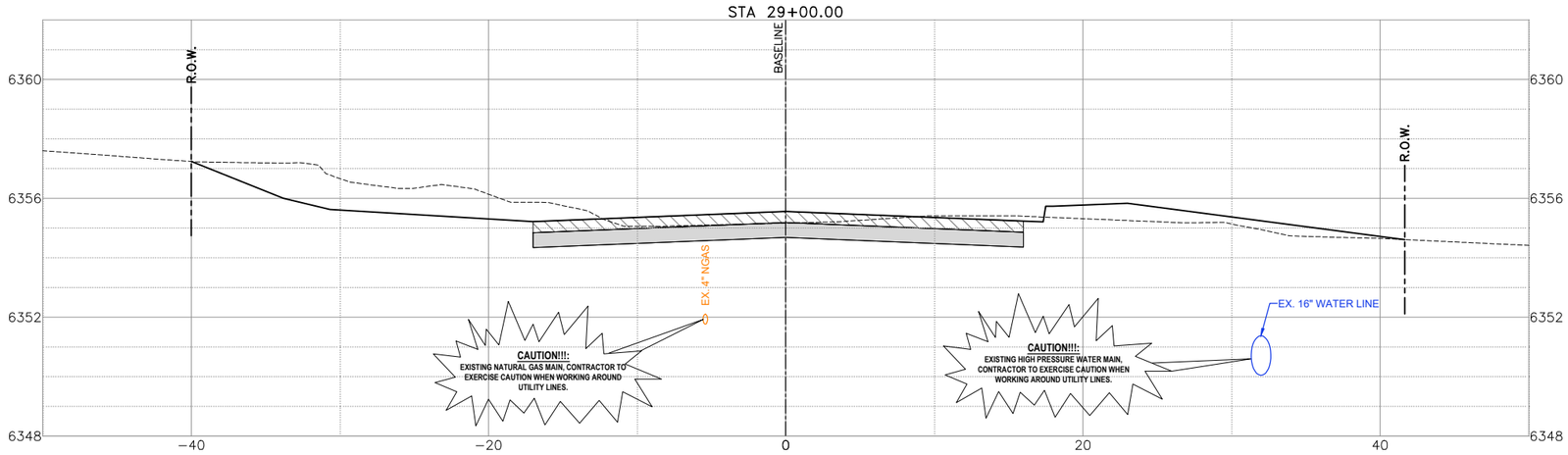

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

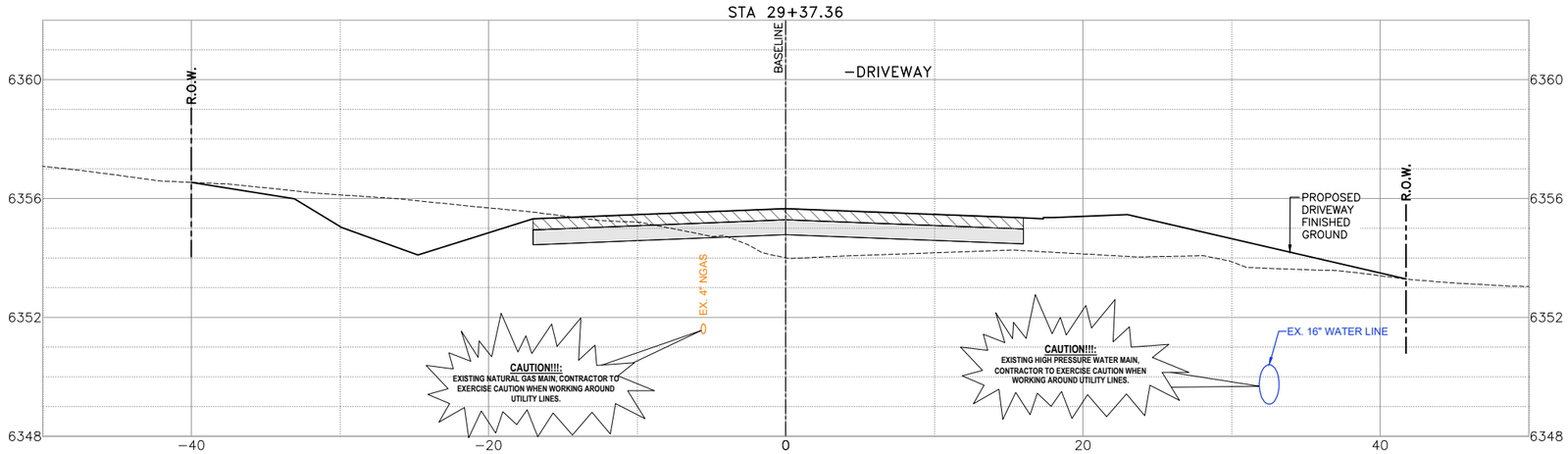
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

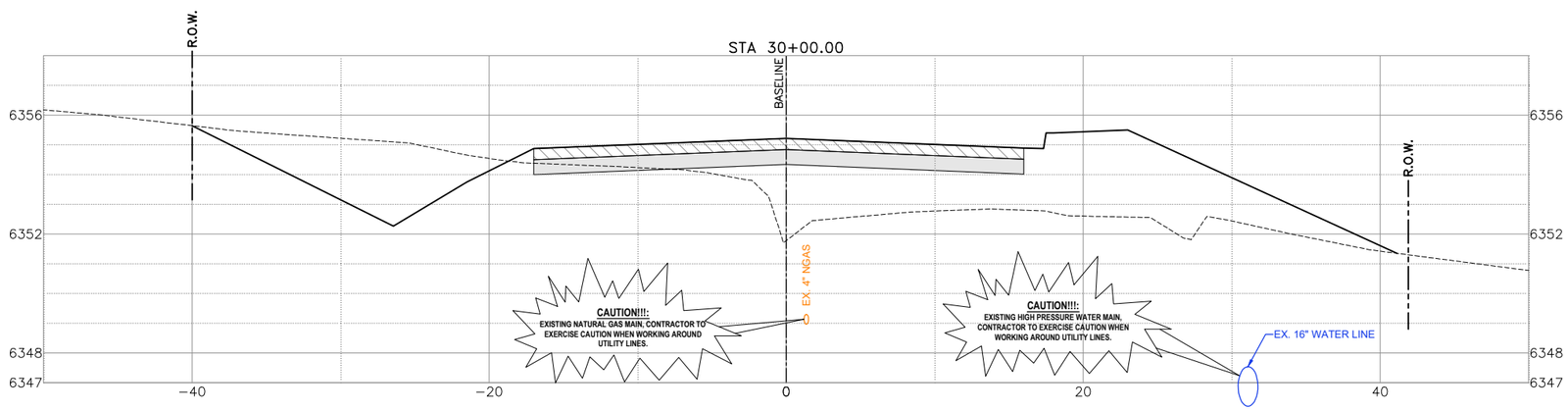
| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 192 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**


P:_ADBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED:05/28/2025 9:59 AM




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100195-00

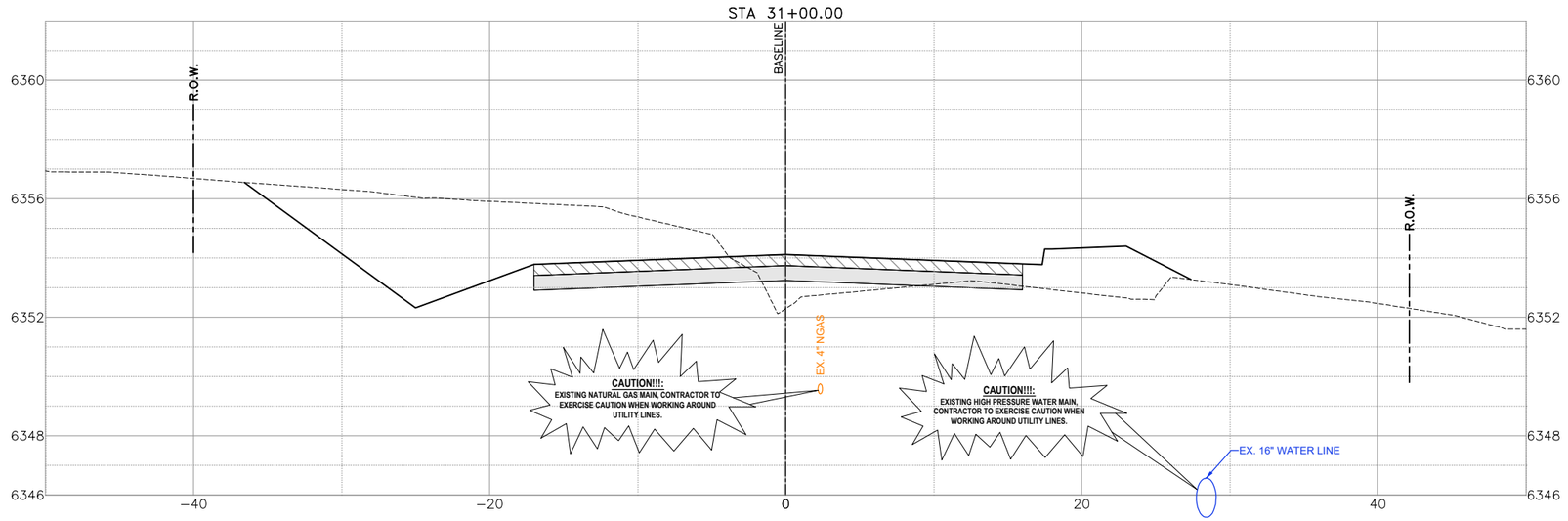
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

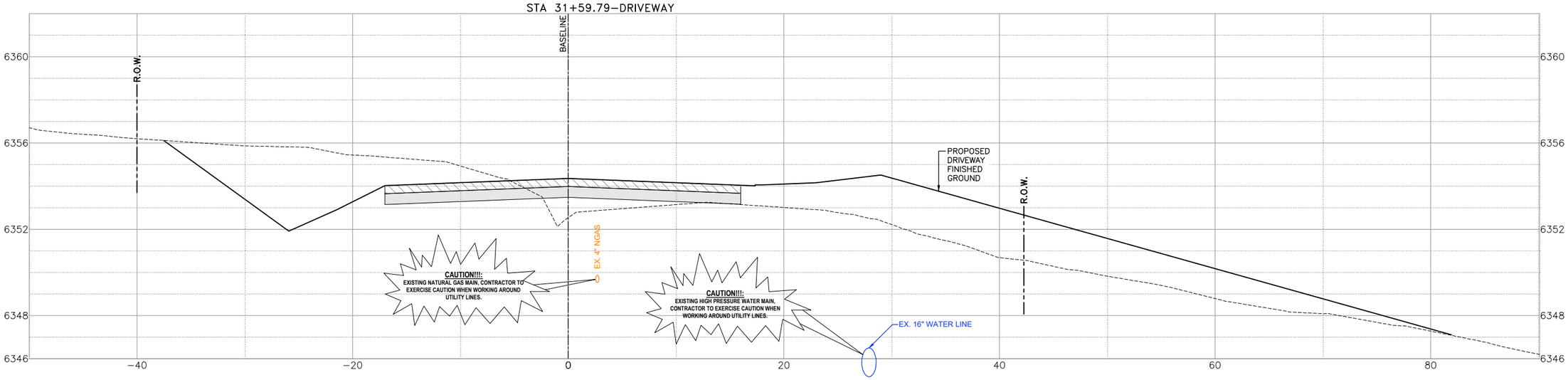
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 193 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED:05/28/2025 9:59 AM




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

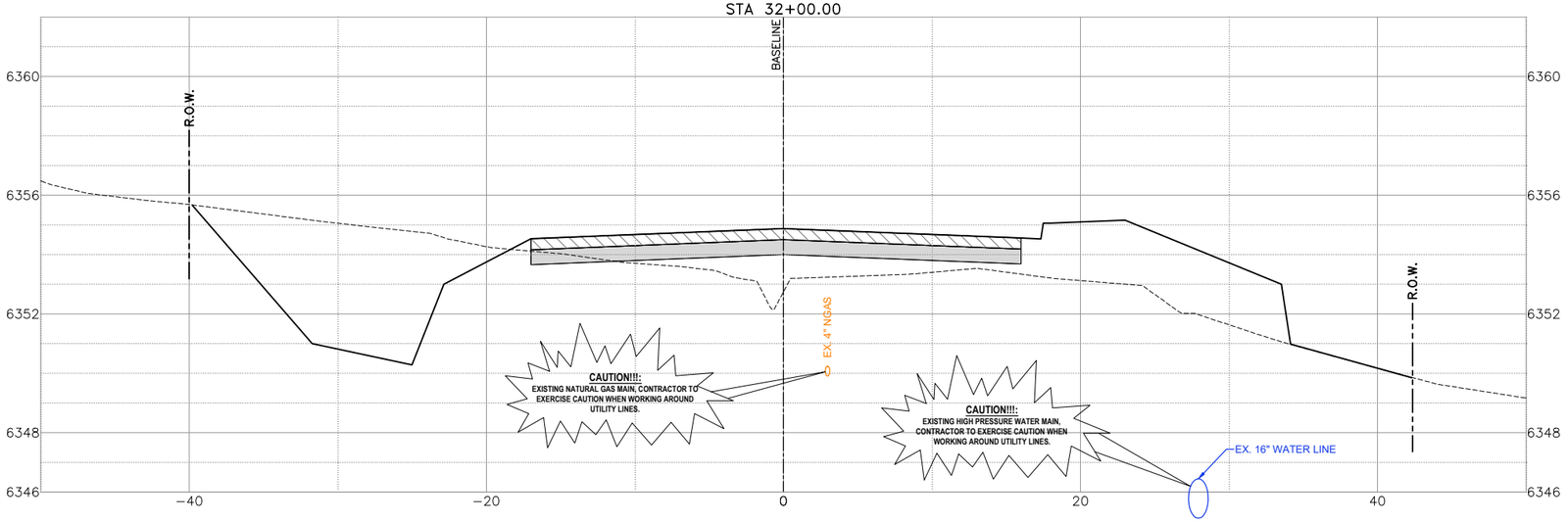
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 194 |

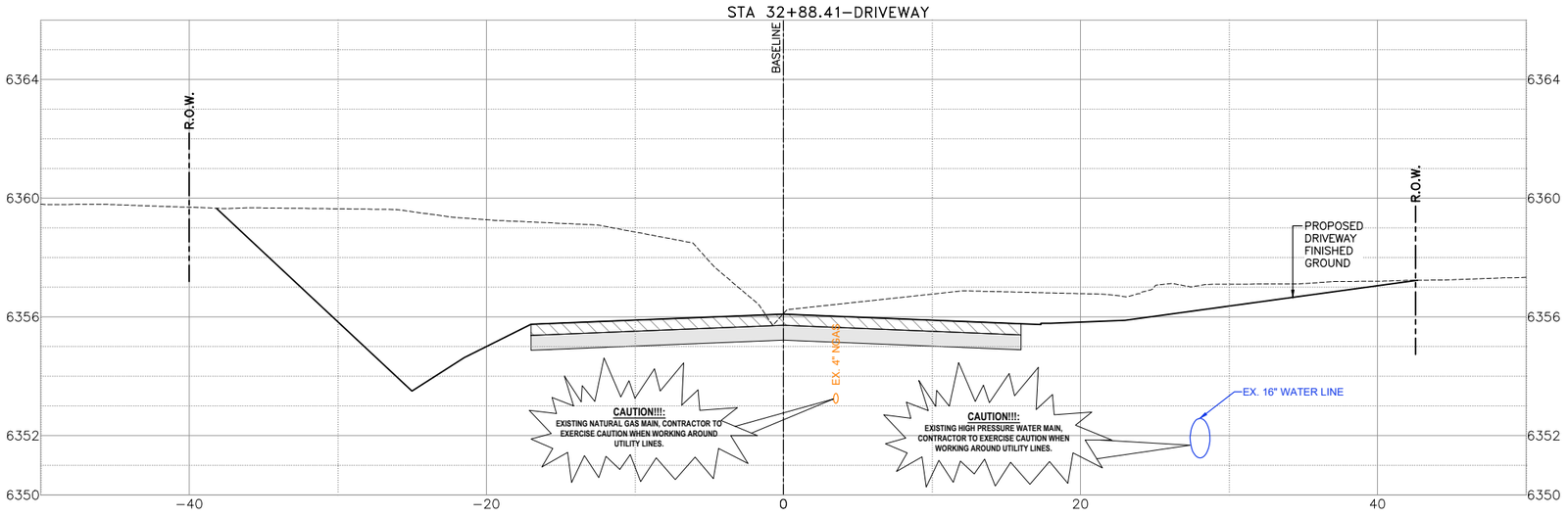
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED:05/28/2025 9:59 AM

STA 32+00.00




STA 32+88.41–DRIVEWAY




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

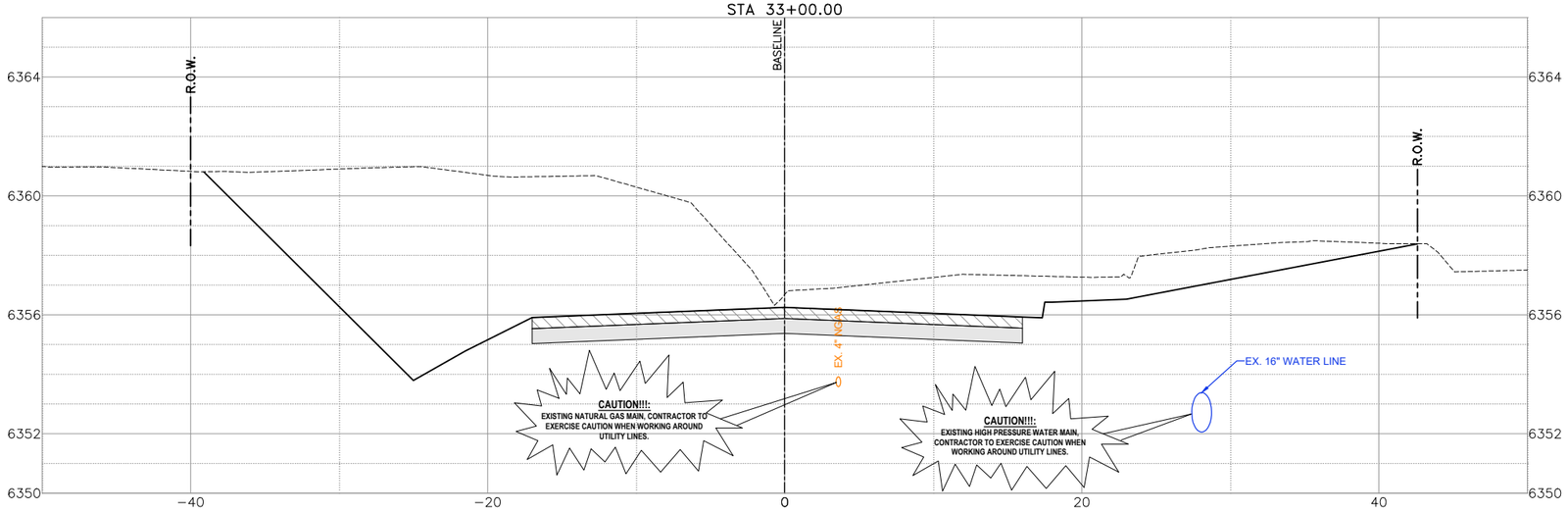
ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 195 |

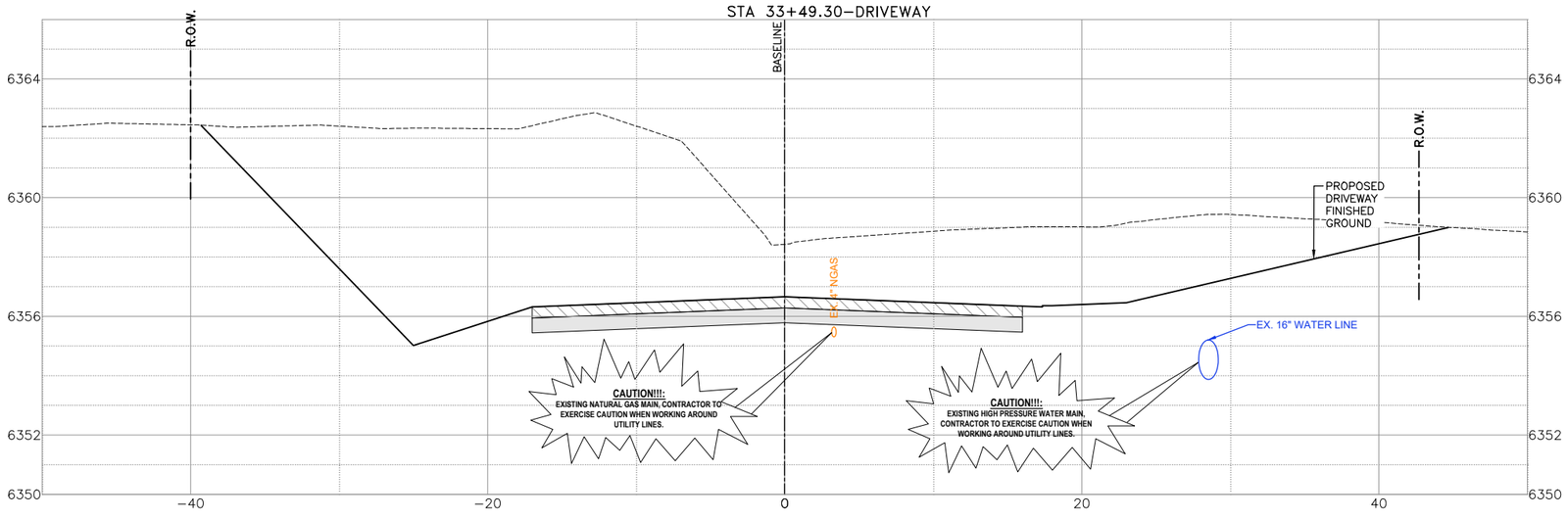
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED: 05/28/2025 9:59 AM

STA 33+00.00




STA 33+49.30–DRIVEWAY




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery
ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

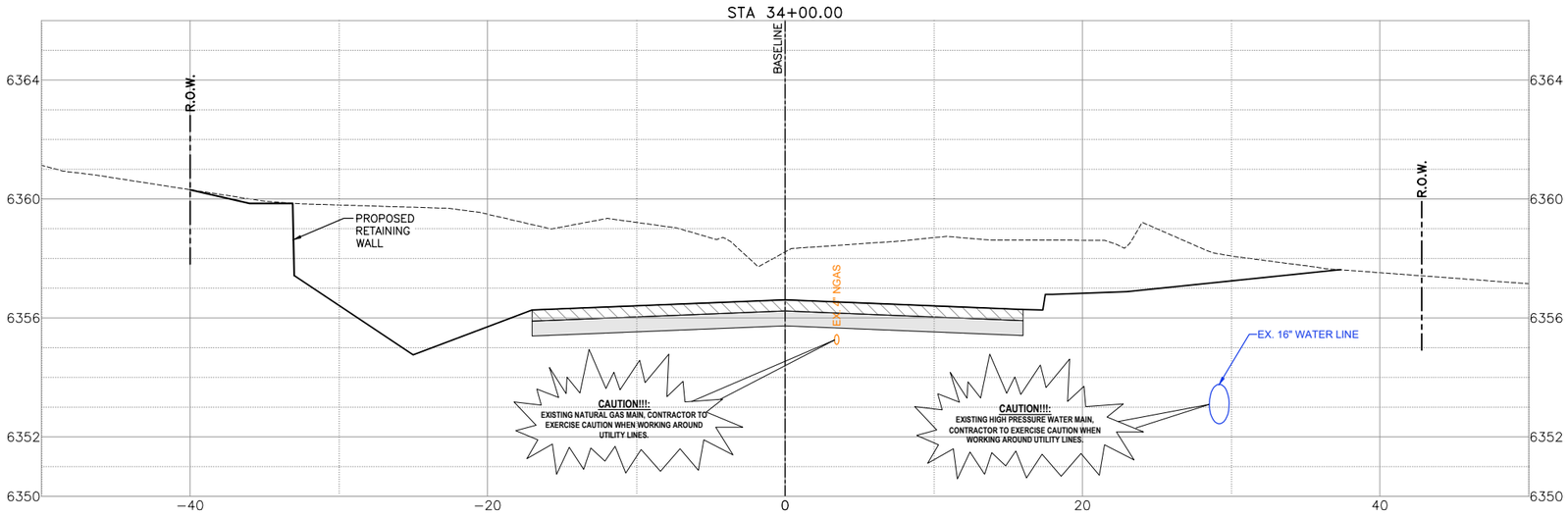
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

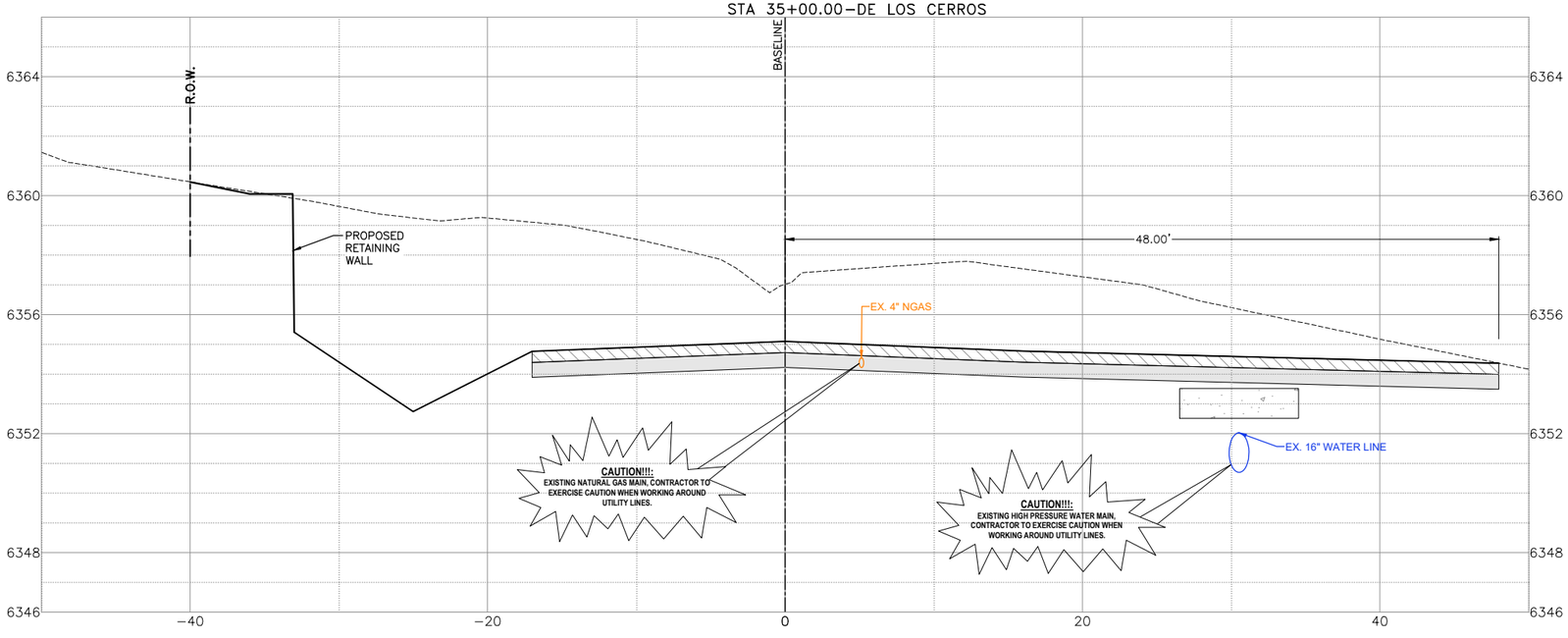
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 196 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED: 05/28/2025 9:59 AM




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

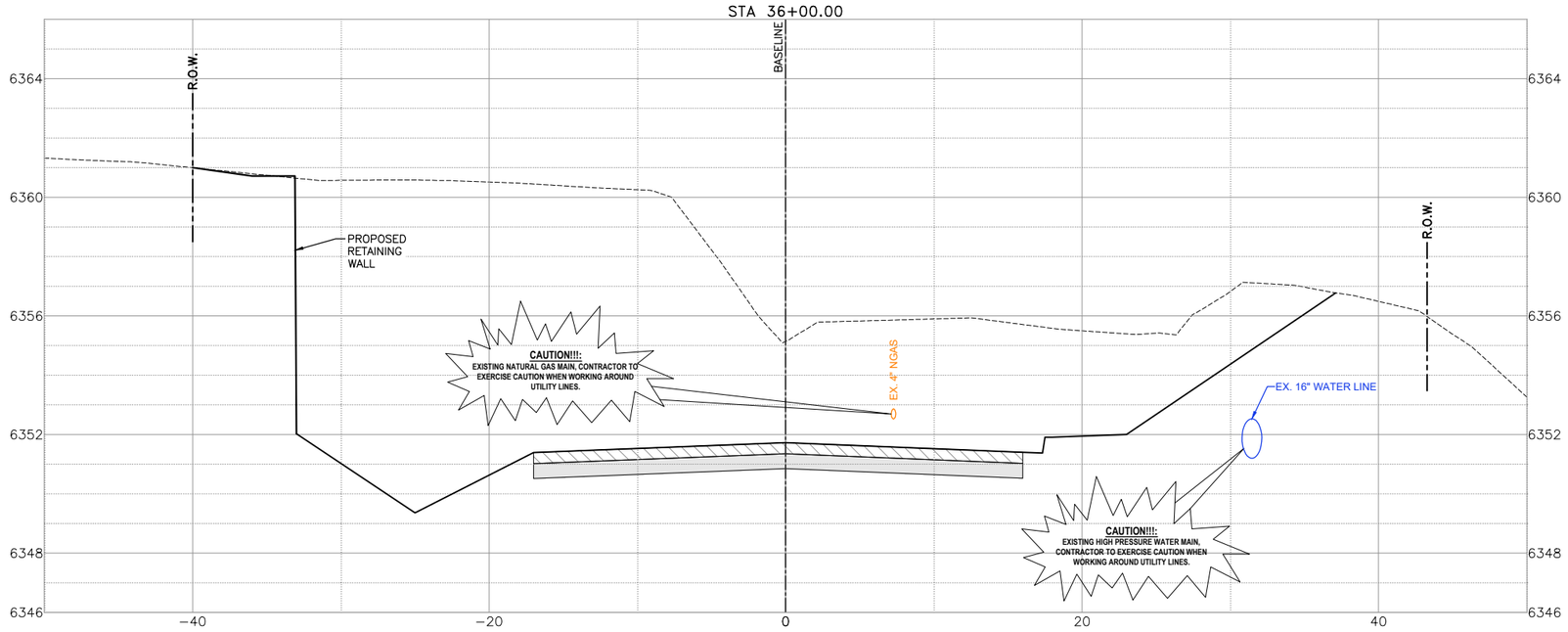
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

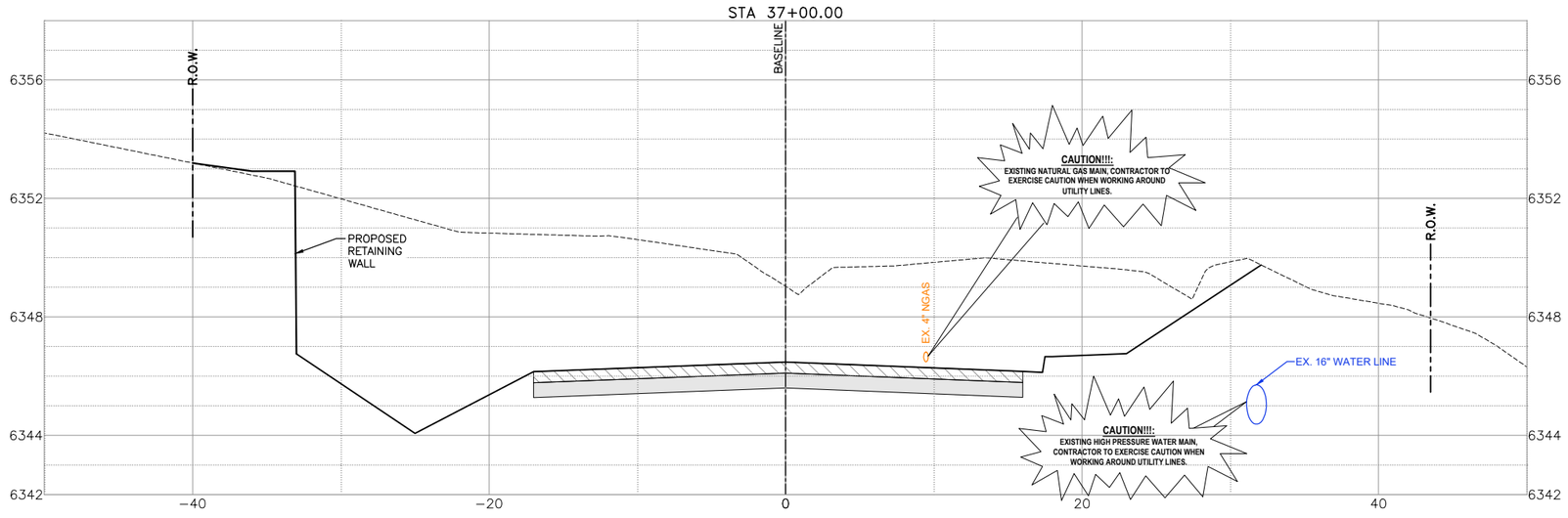
## ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 197 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-x-Section.dwg PLOTTED:05/28/2025 9:59 AM




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

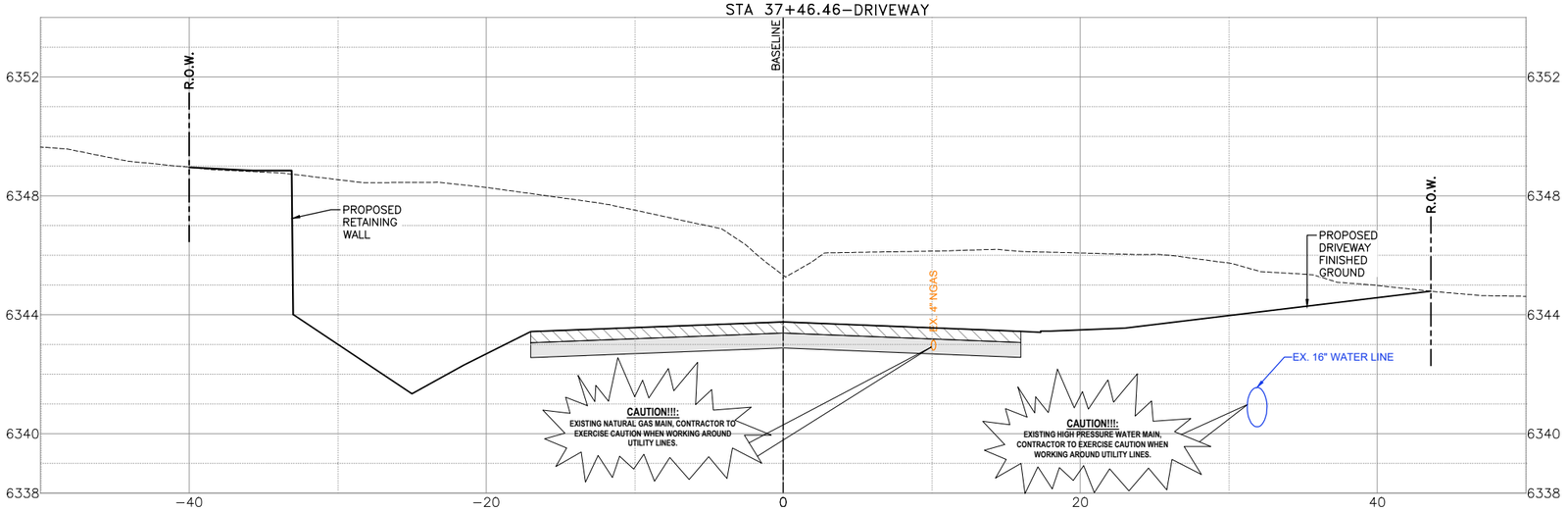
## ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 198 |

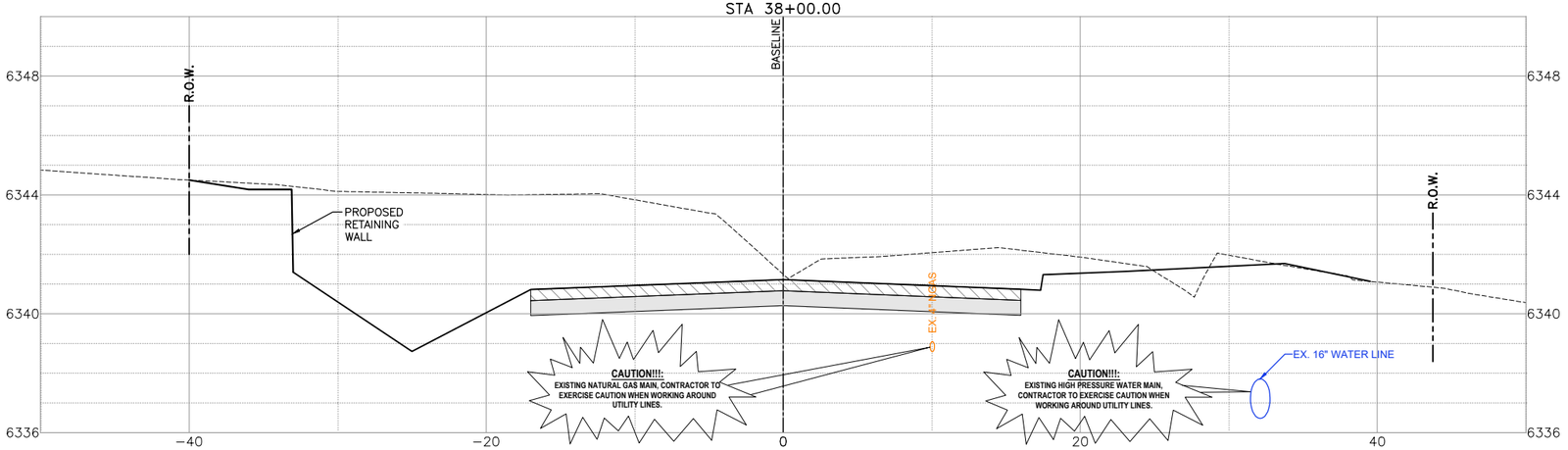
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED: 05/28/2025 9:59 AM

STA 37+46.46–DRIVEWAY




STA 38+00.00




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL NEW MEXICO 29339 PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

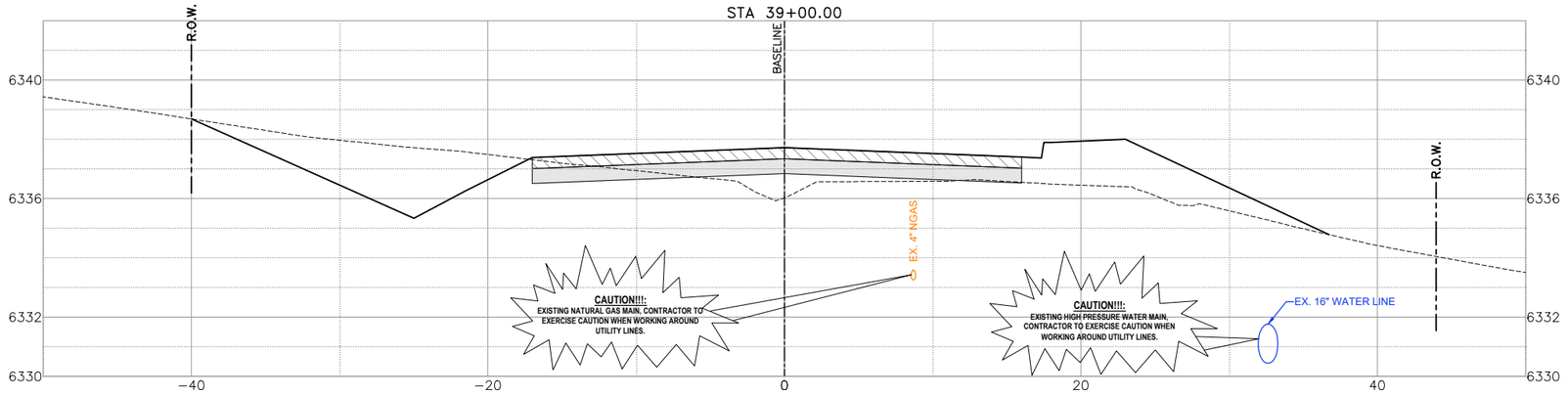
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

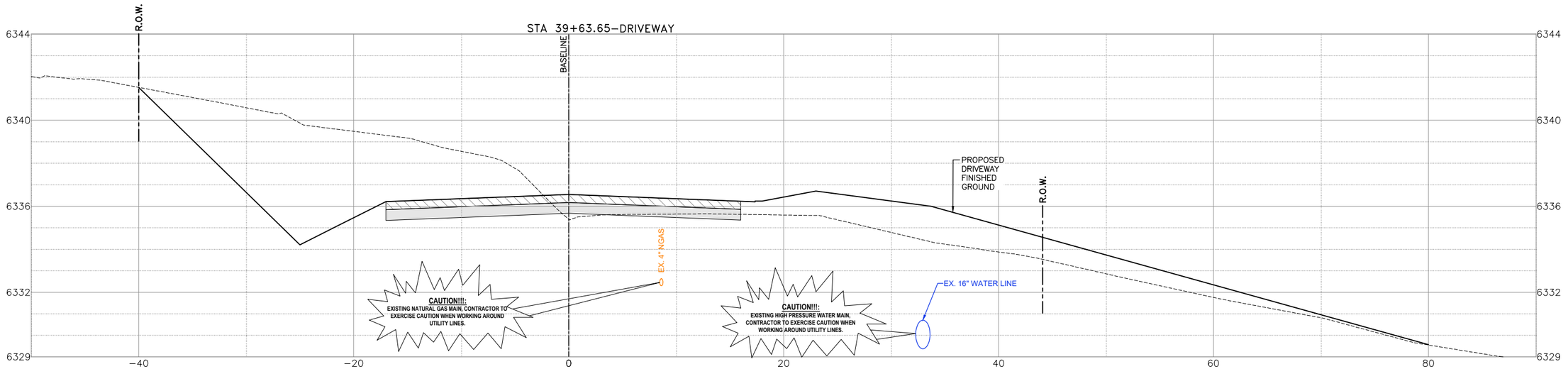
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

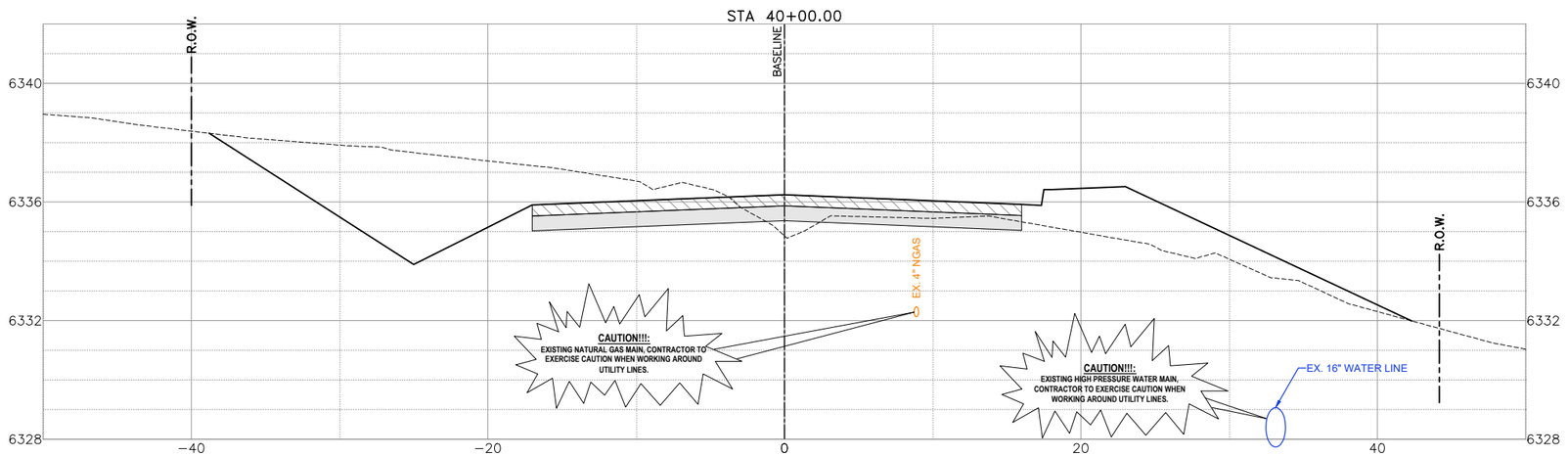
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 199 |

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0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

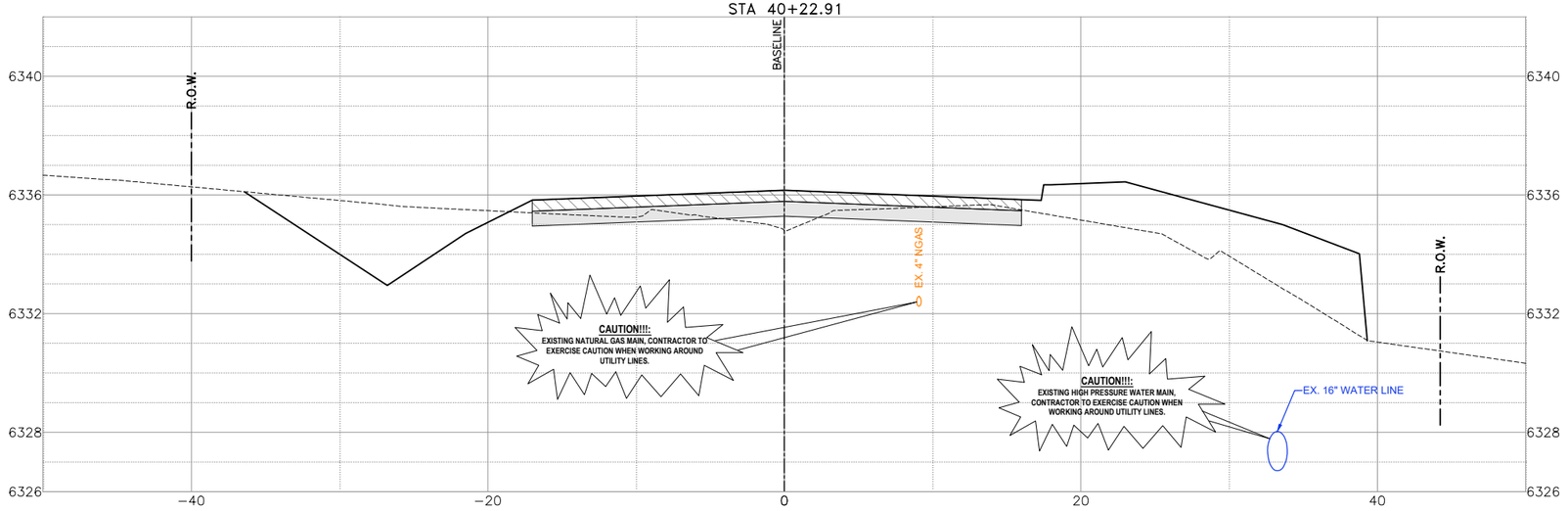
## ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 200 |

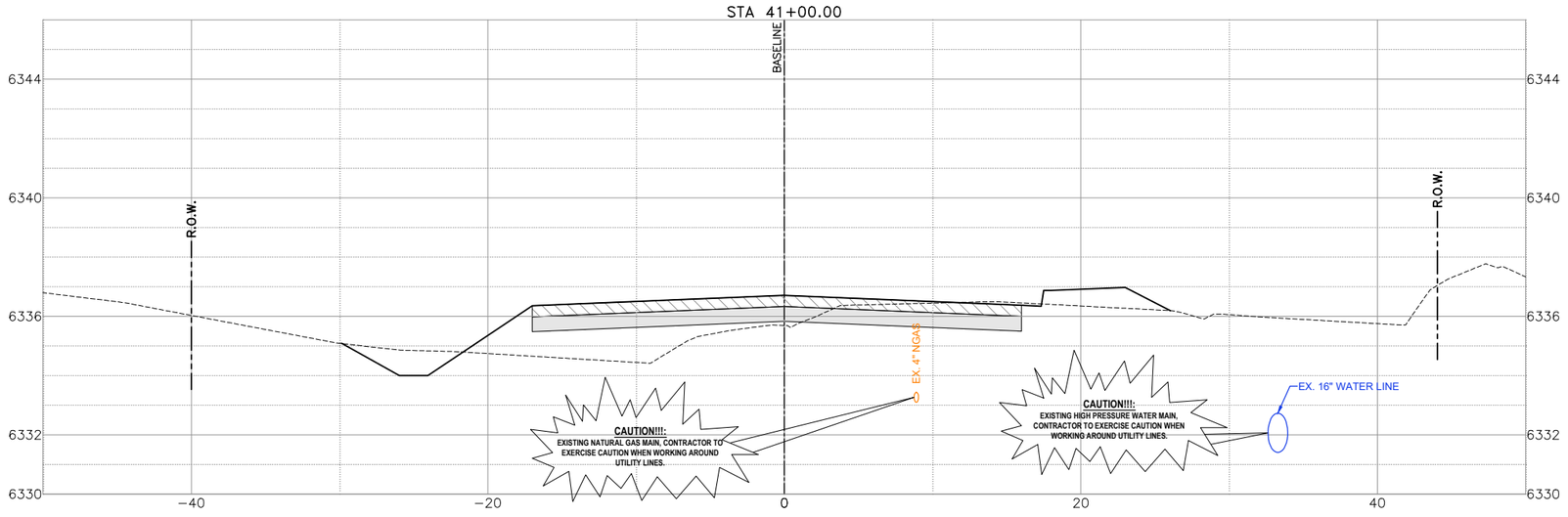
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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STA 40+22.91




STA 41+00.00




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

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SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

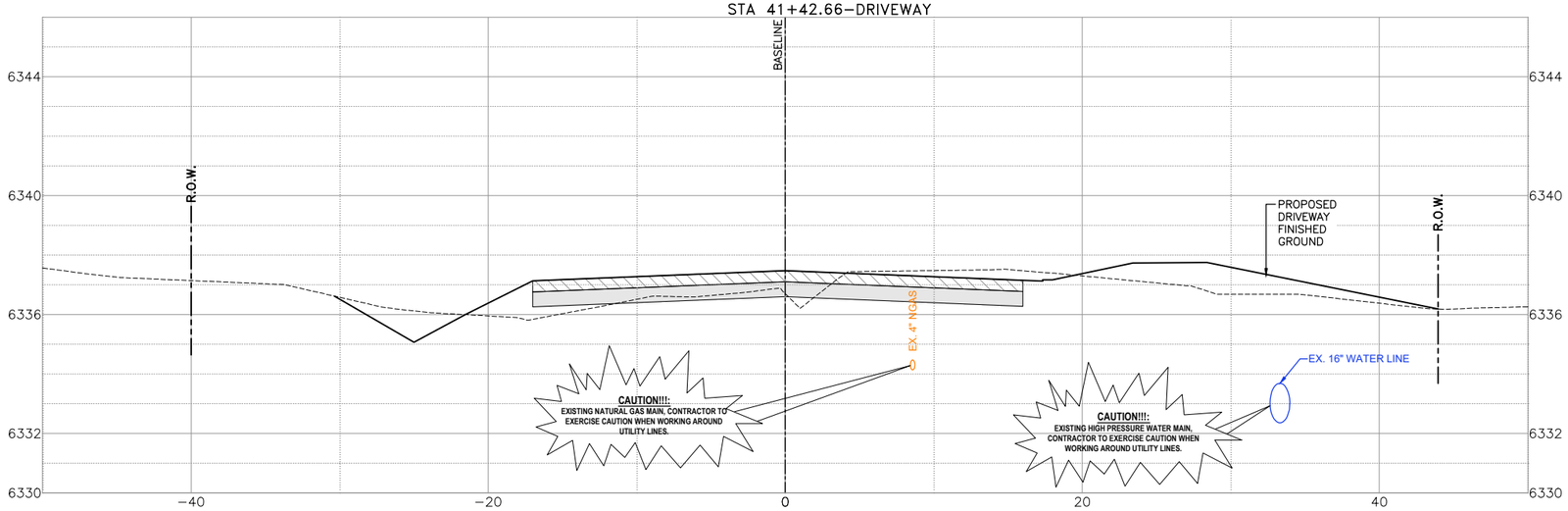
## ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 201 |

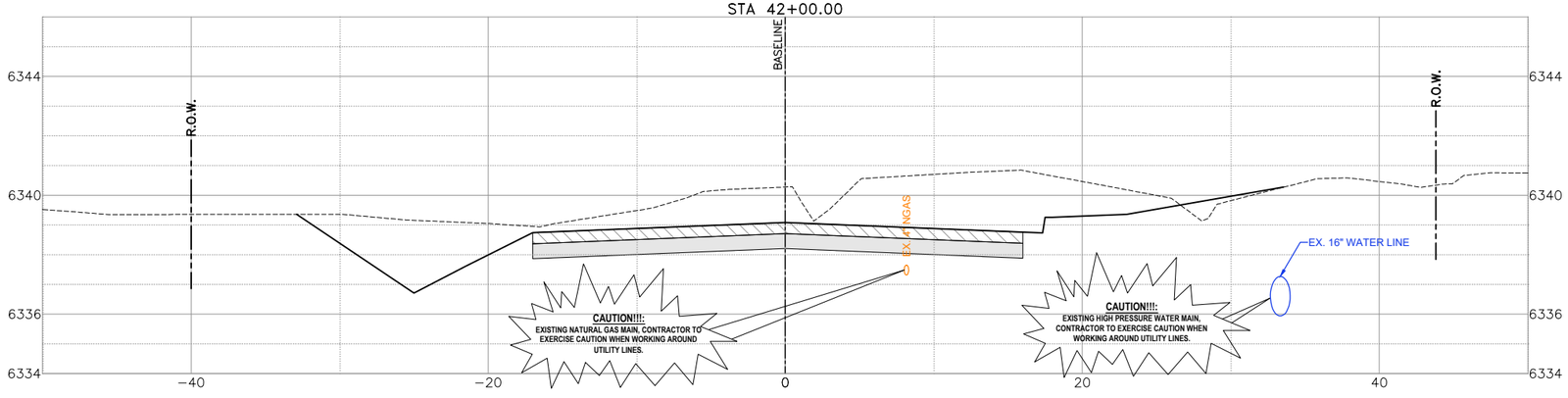
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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STA 41+42.66–DRIVEWAY




STA 42+00.00




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
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SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

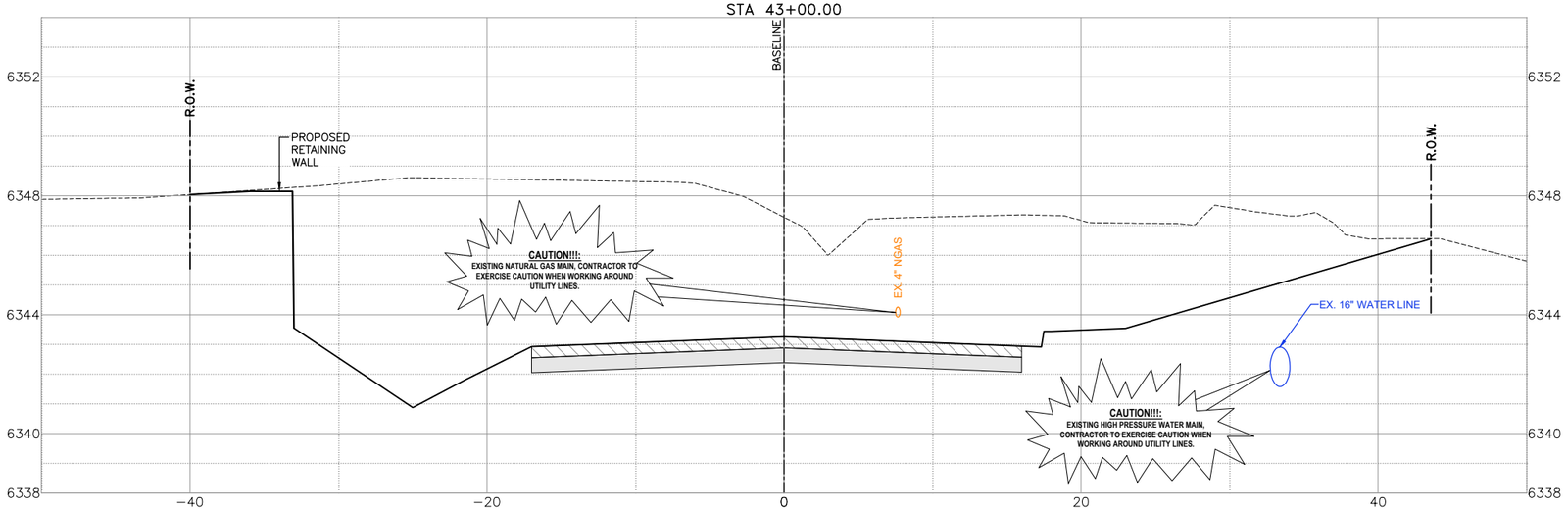
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

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|---|---|---|---|
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| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 202 |

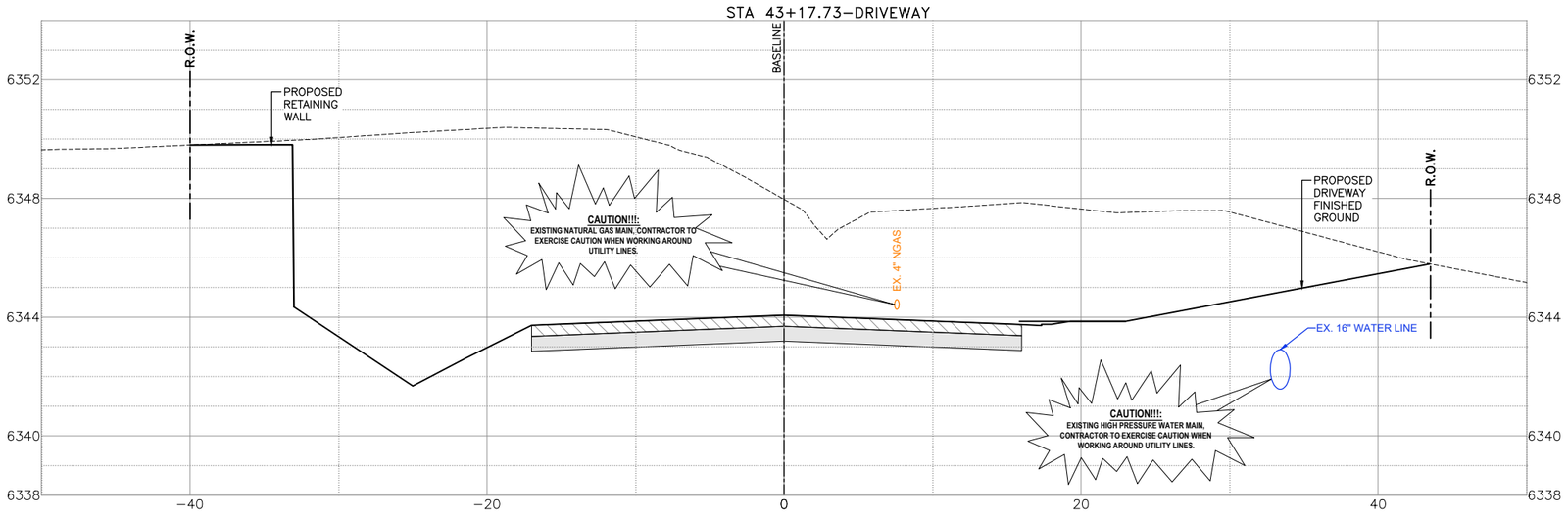
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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STA 43+00.00




STA 43+17.73–DRIVEWAY




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

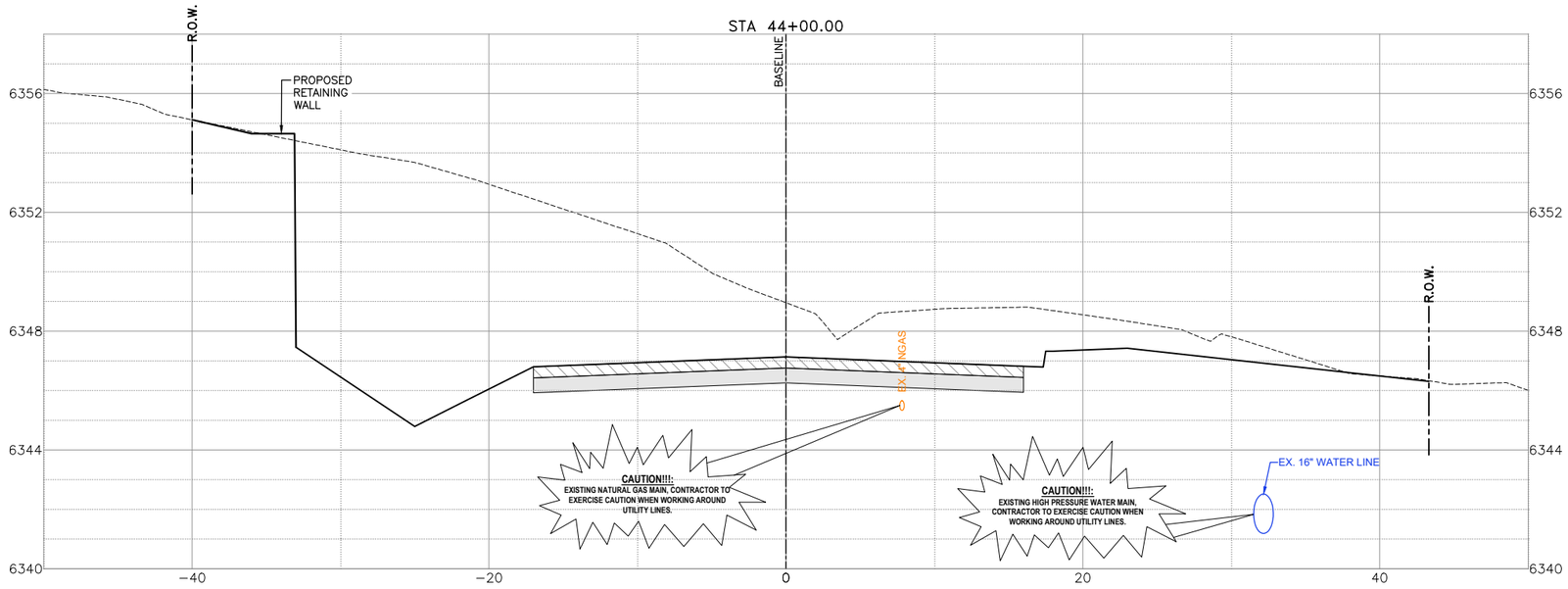

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

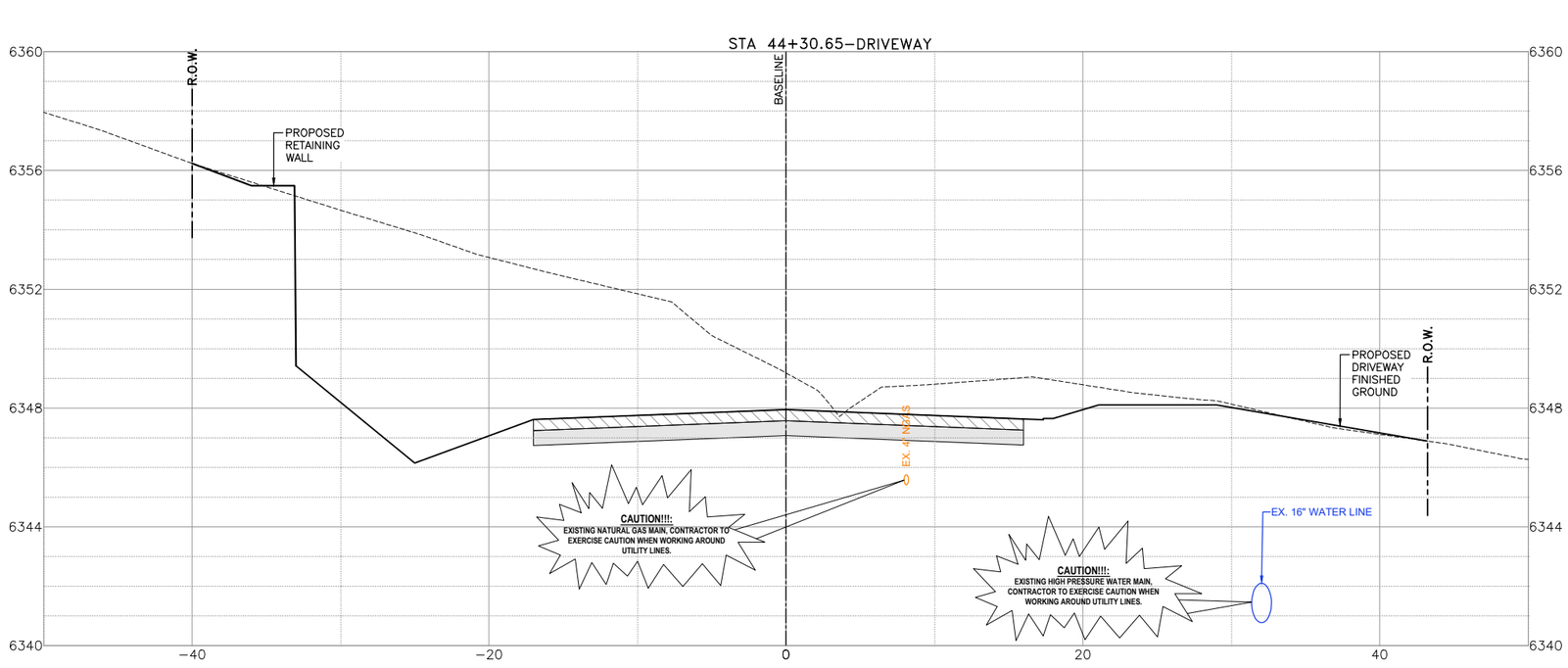
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 203 |

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0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
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CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 10019500

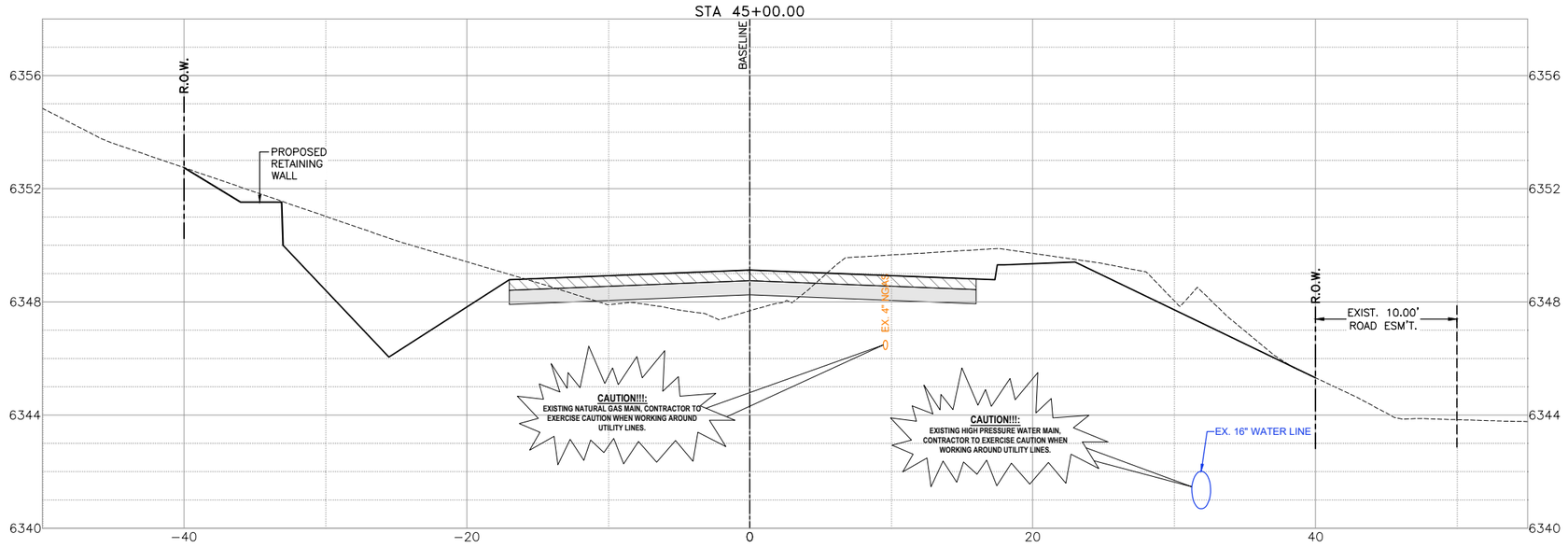
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

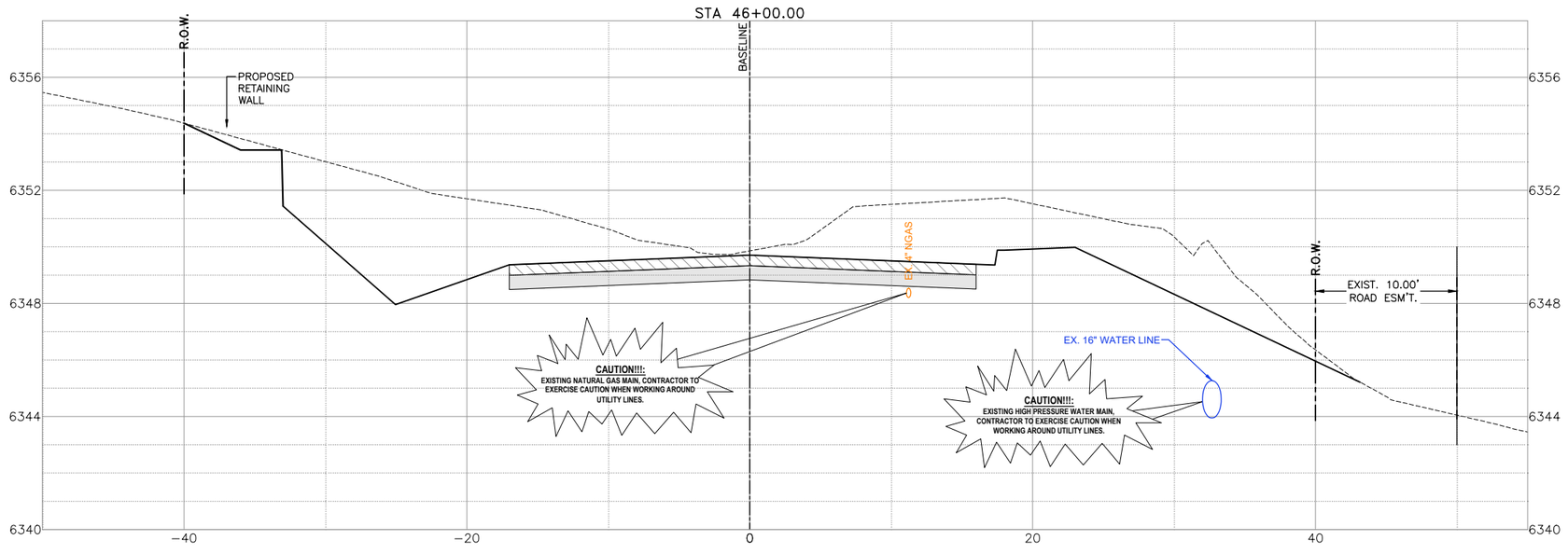
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 204 |

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0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

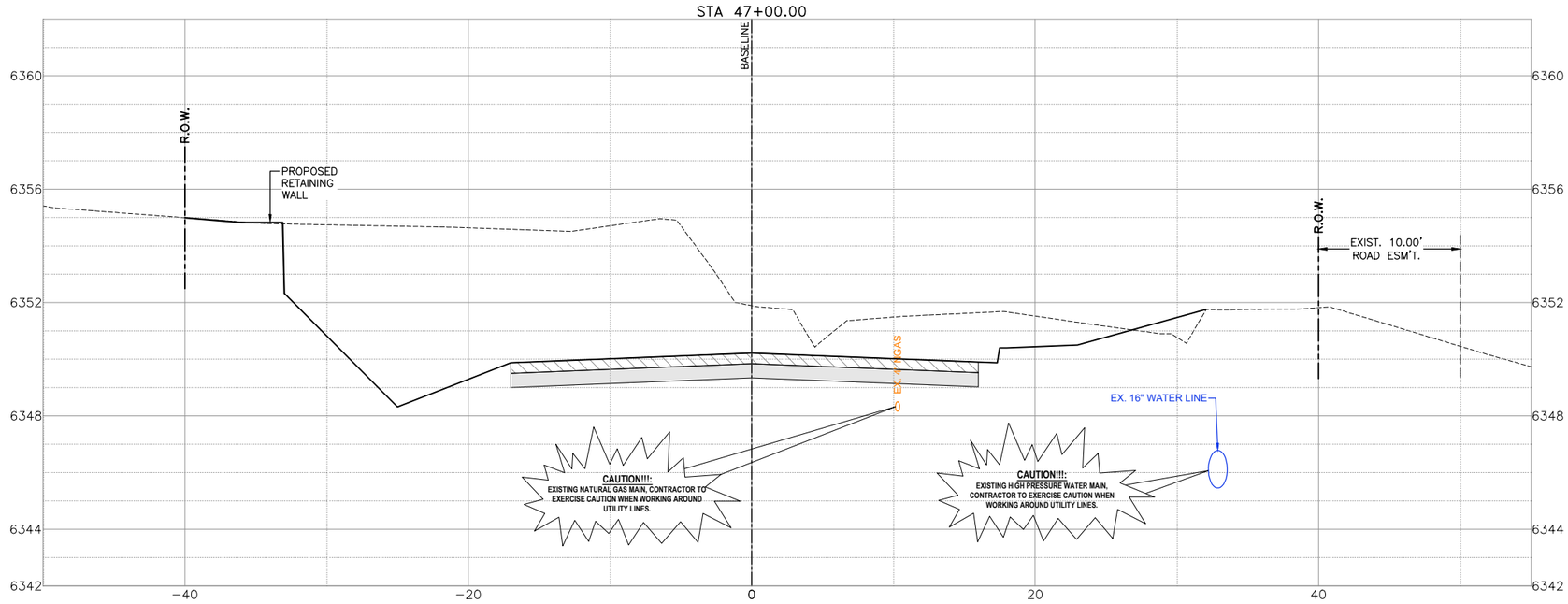
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

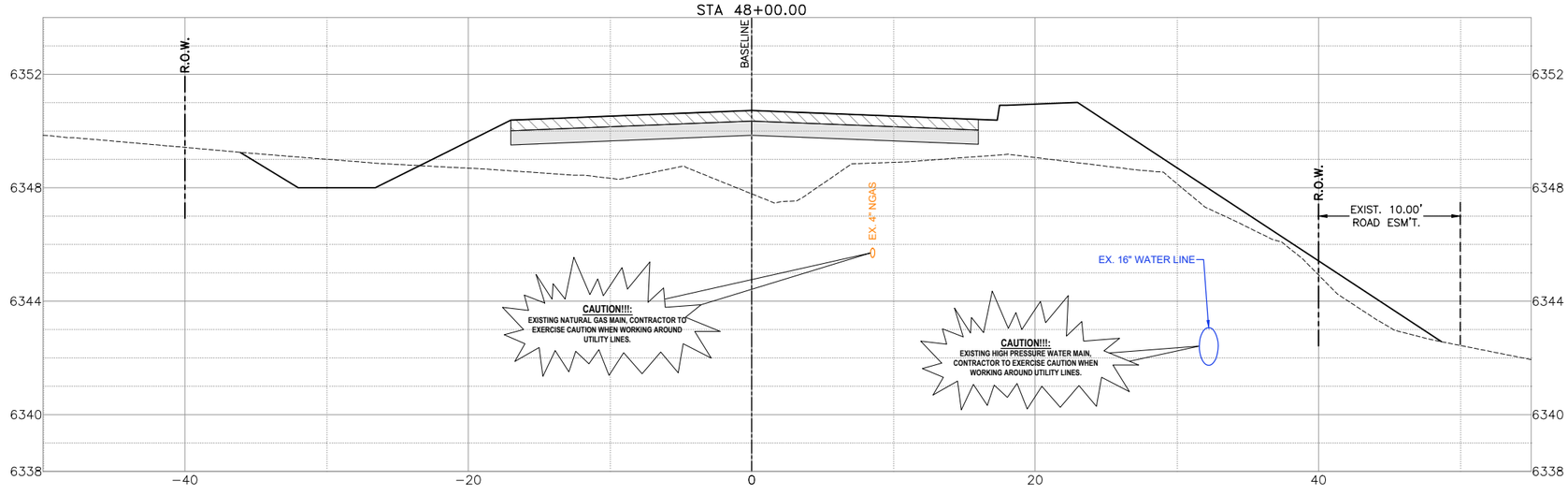
## ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 205 |

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0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
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5/28/25

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CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

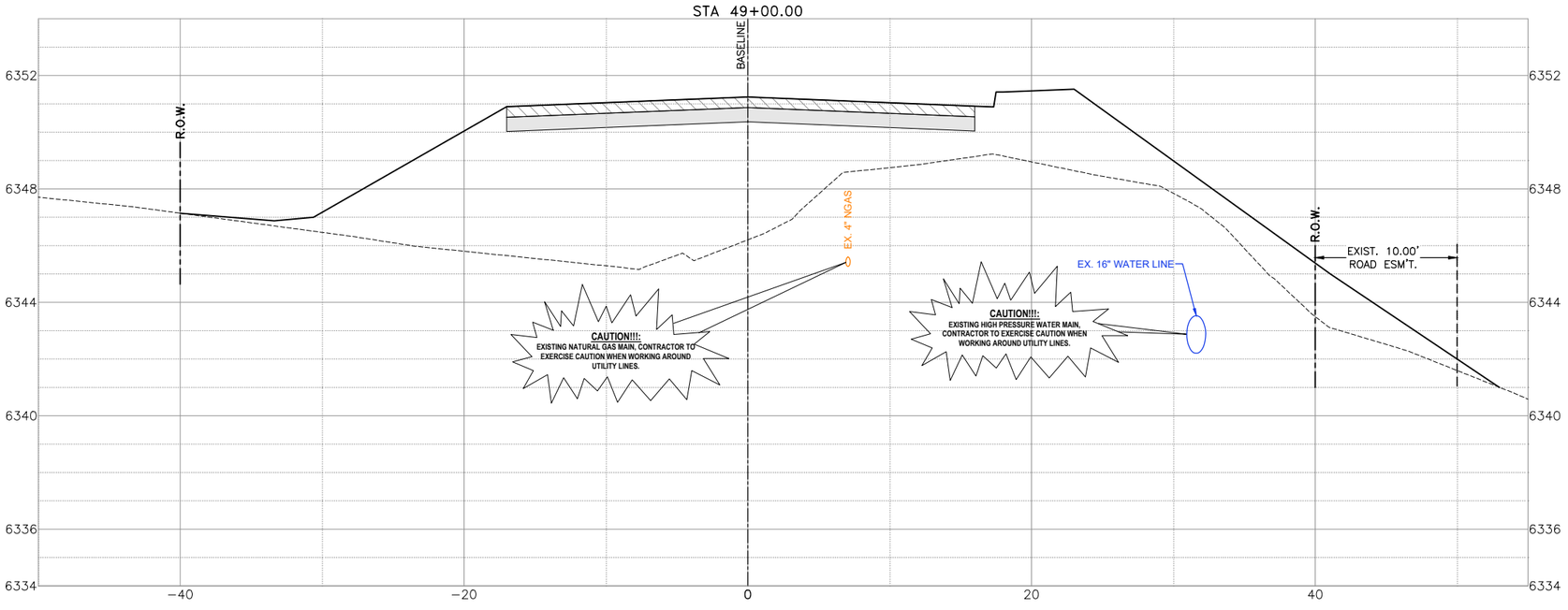
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

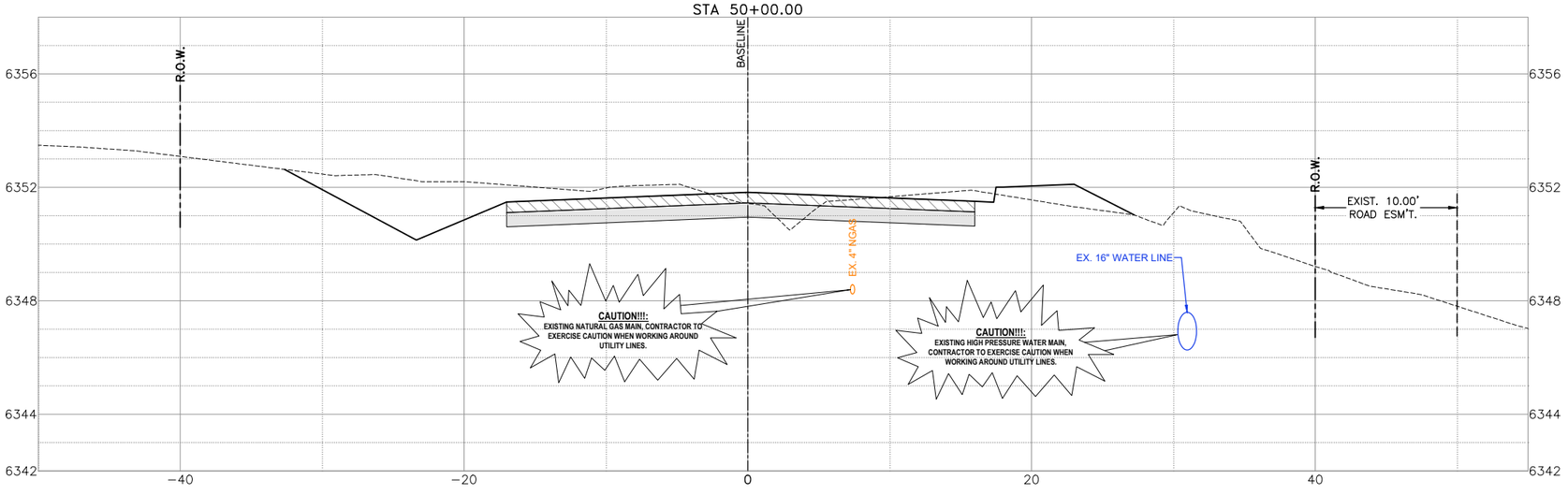
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 206 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

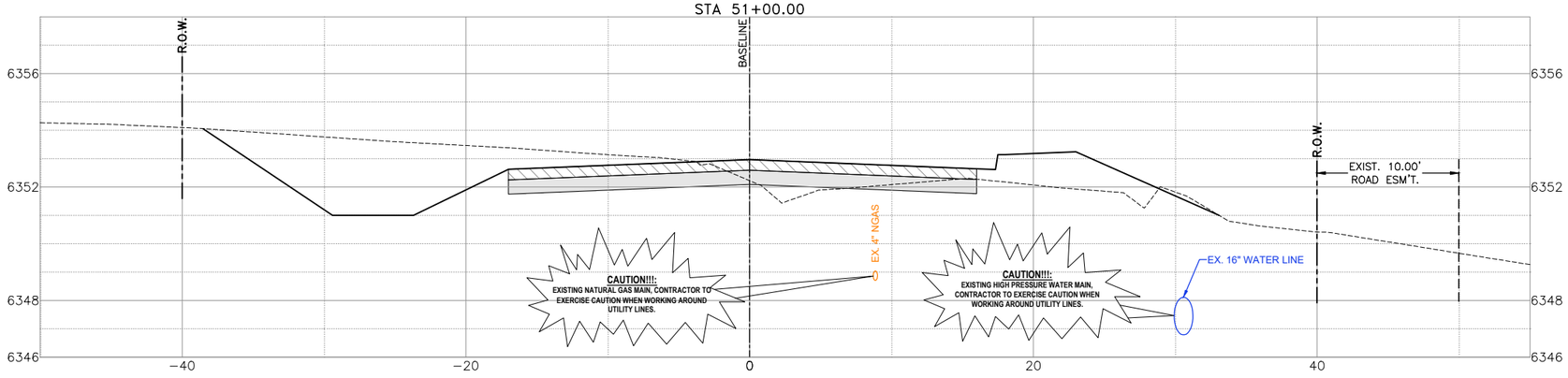
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

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| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 207 |

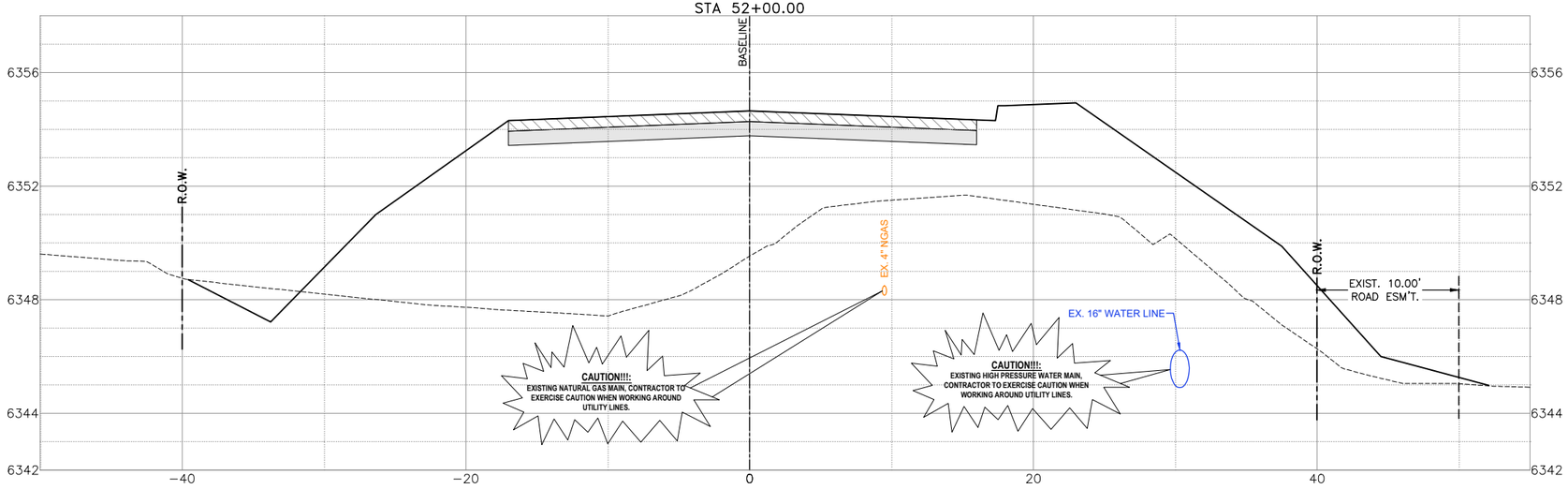
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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STA 51+00.00




STA 52+00.00




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

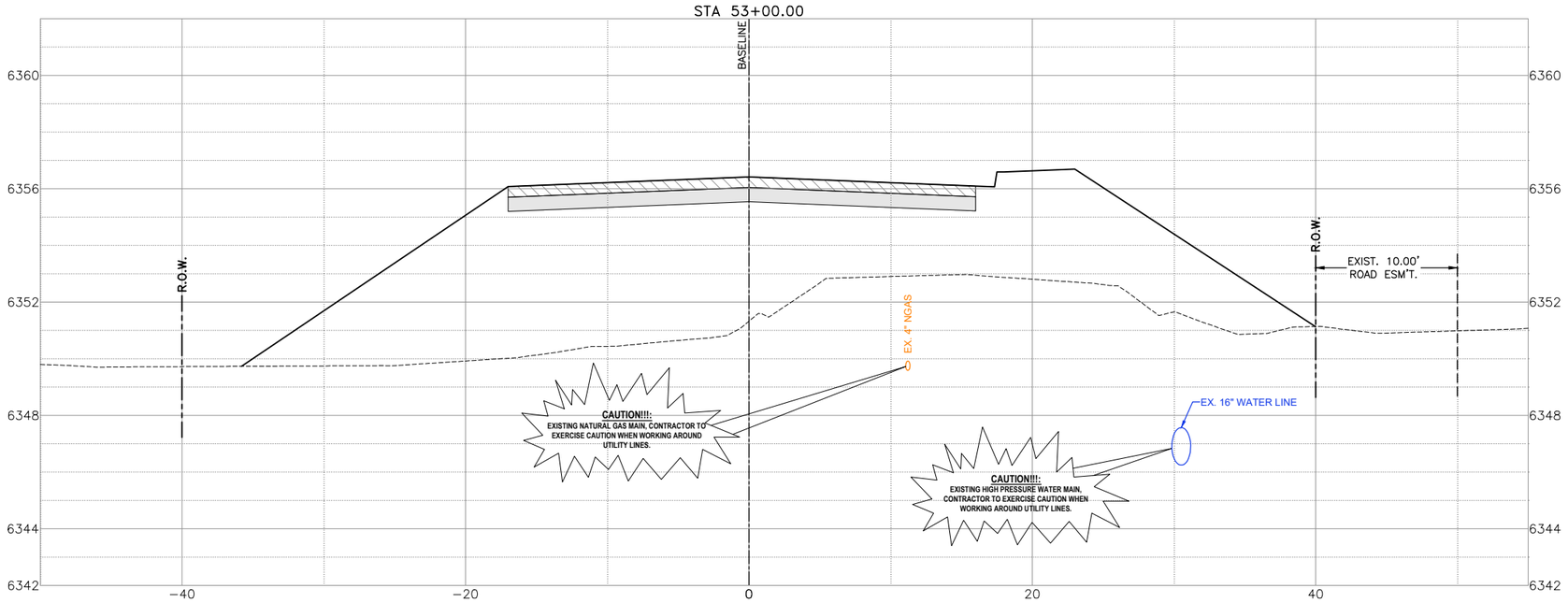
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

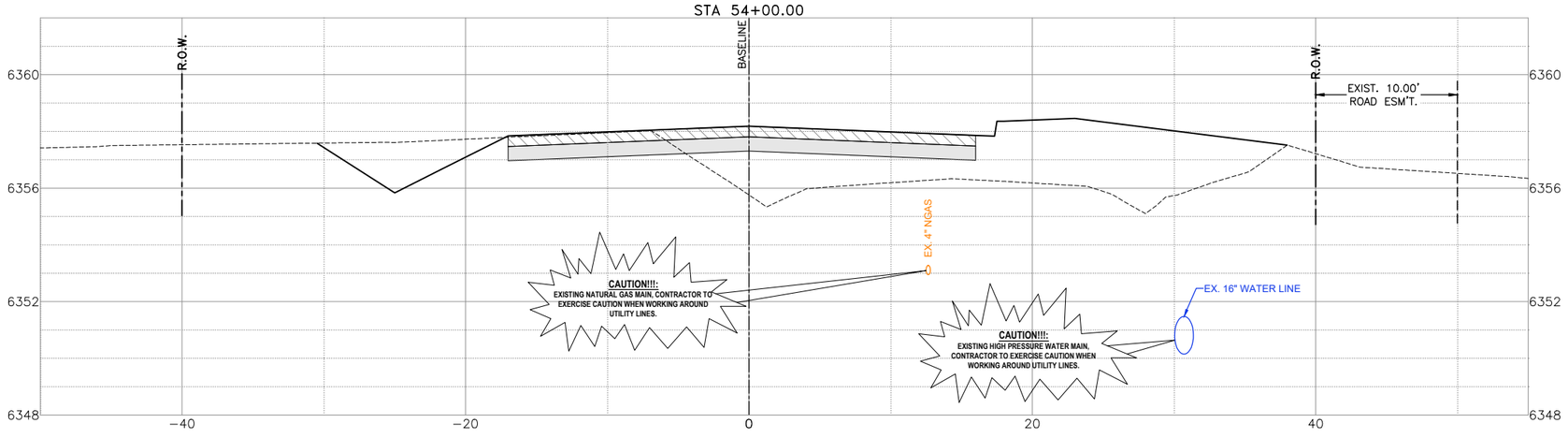
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 208 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

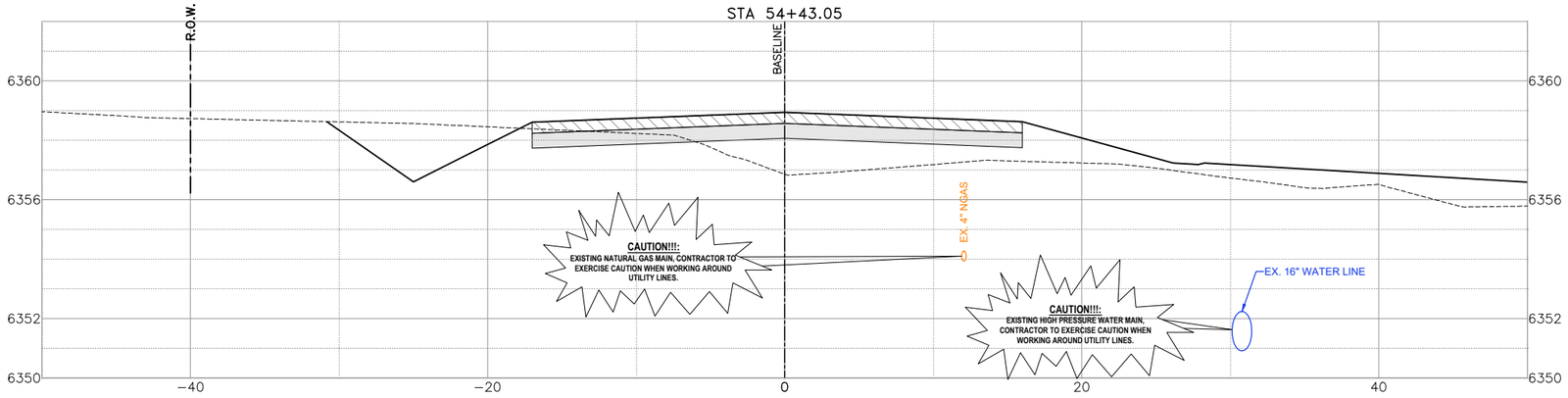
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

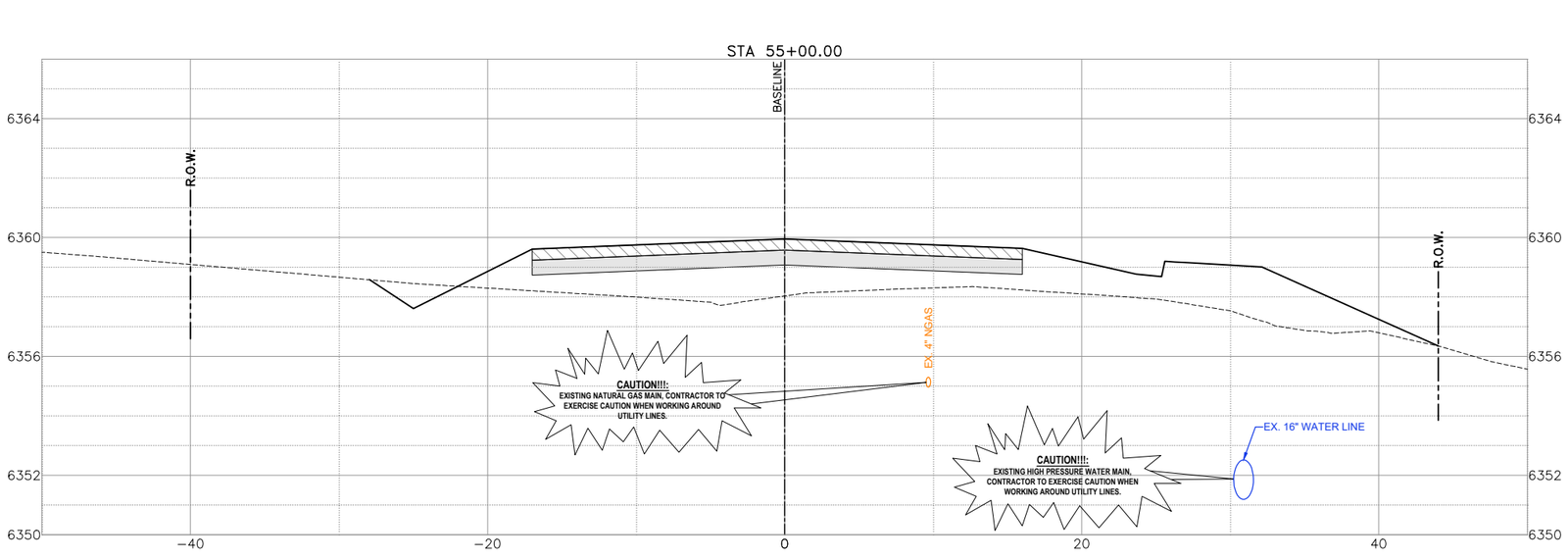
## ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 209 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

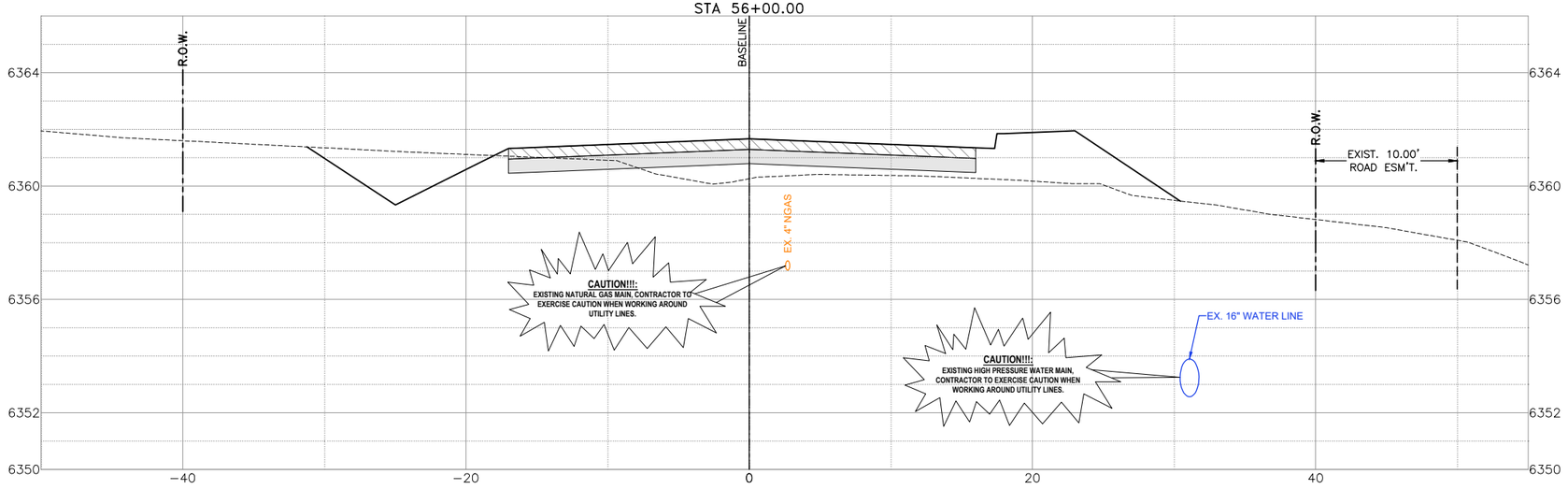
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
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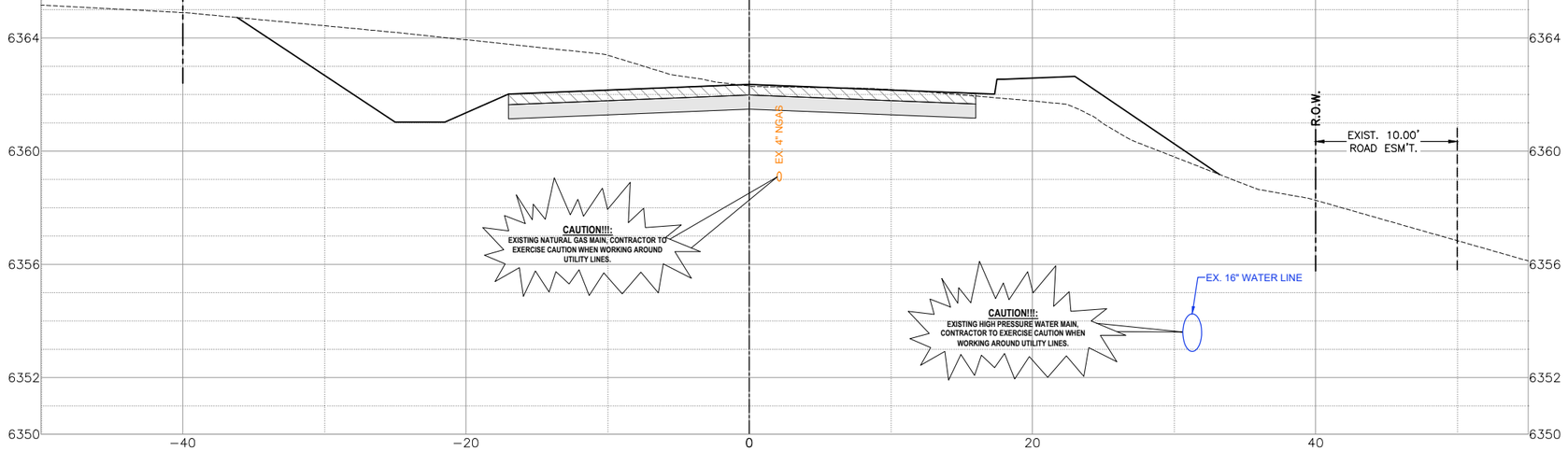
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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STA 56+00.00




STA 57+00.00




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

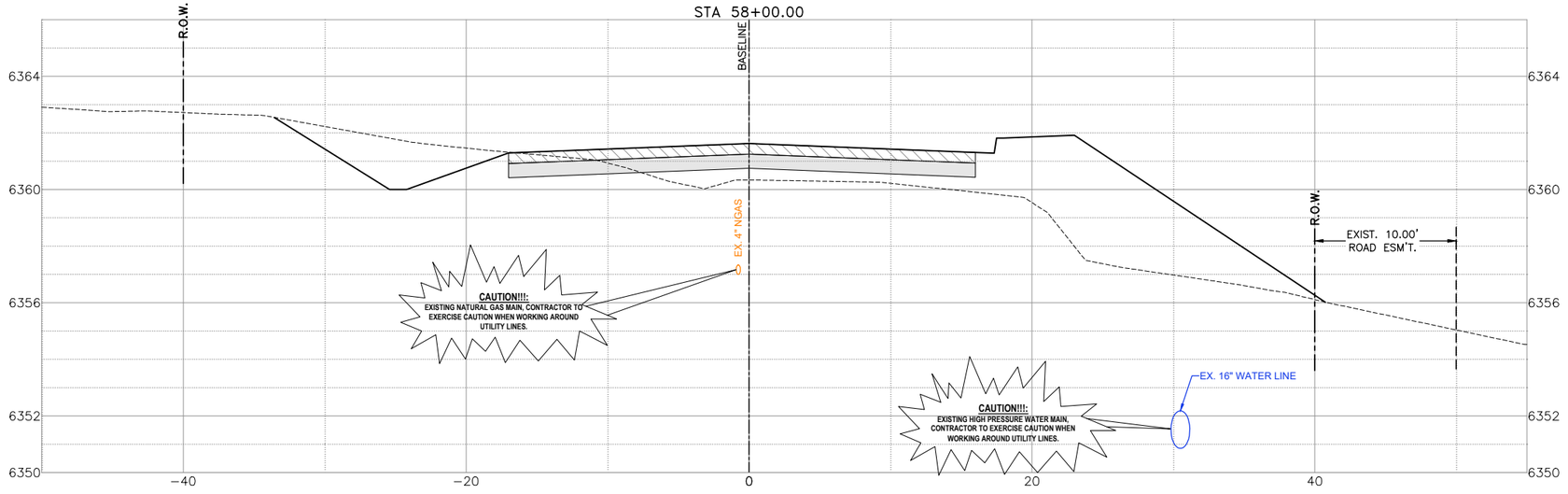
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

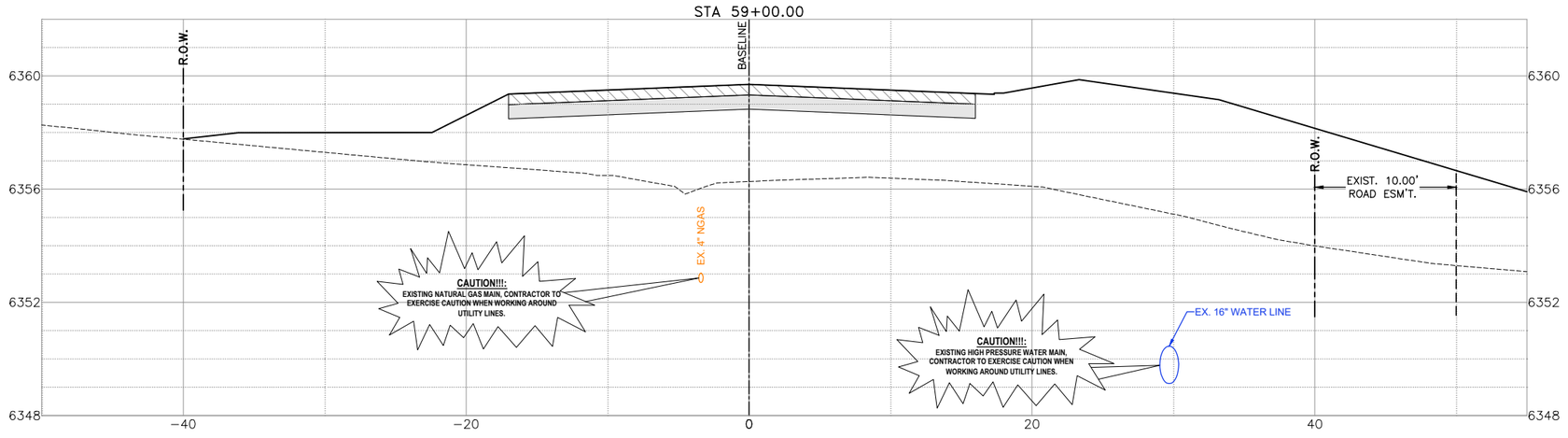
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 211 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED: 05/28/2025 9:59 AM




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

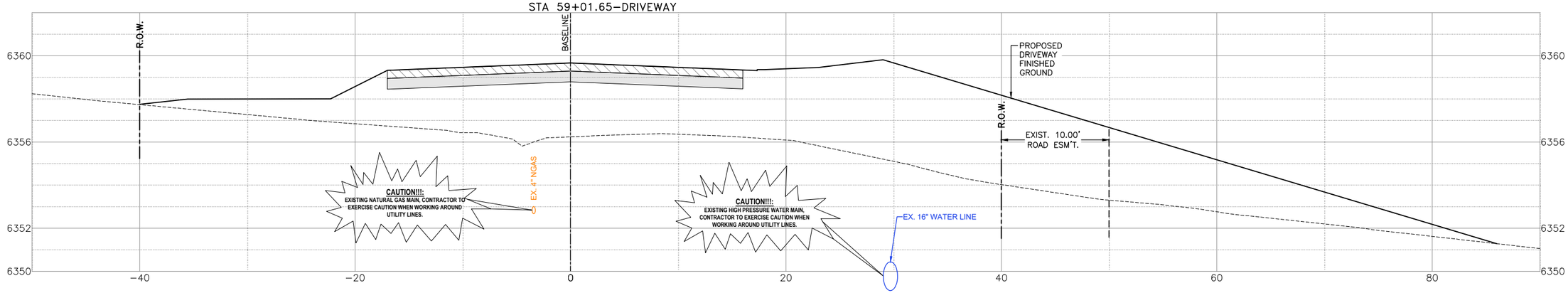
## ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 212 |

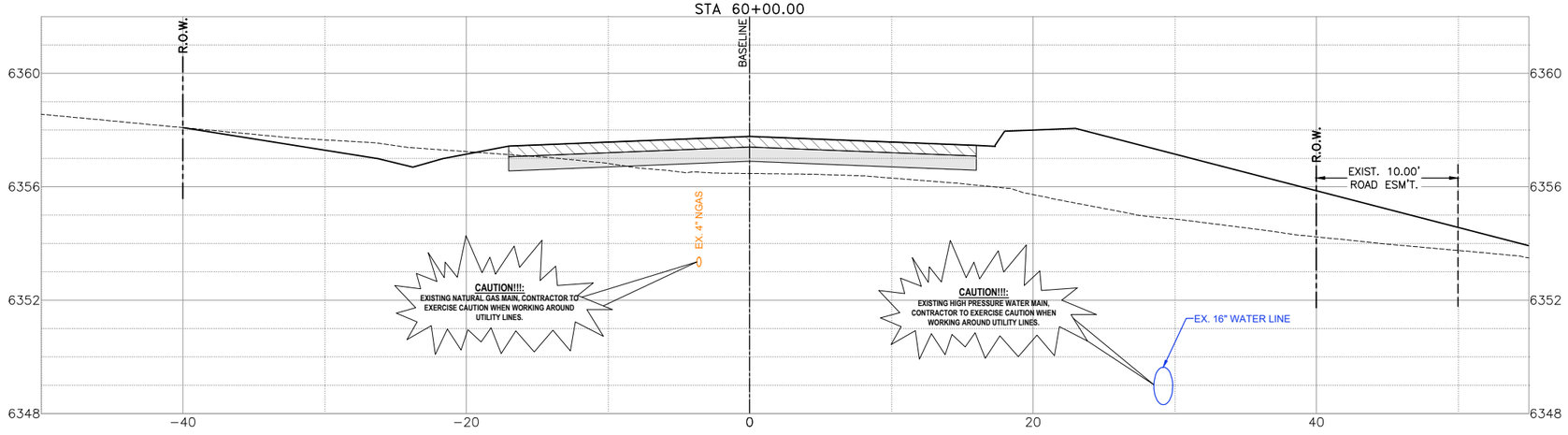
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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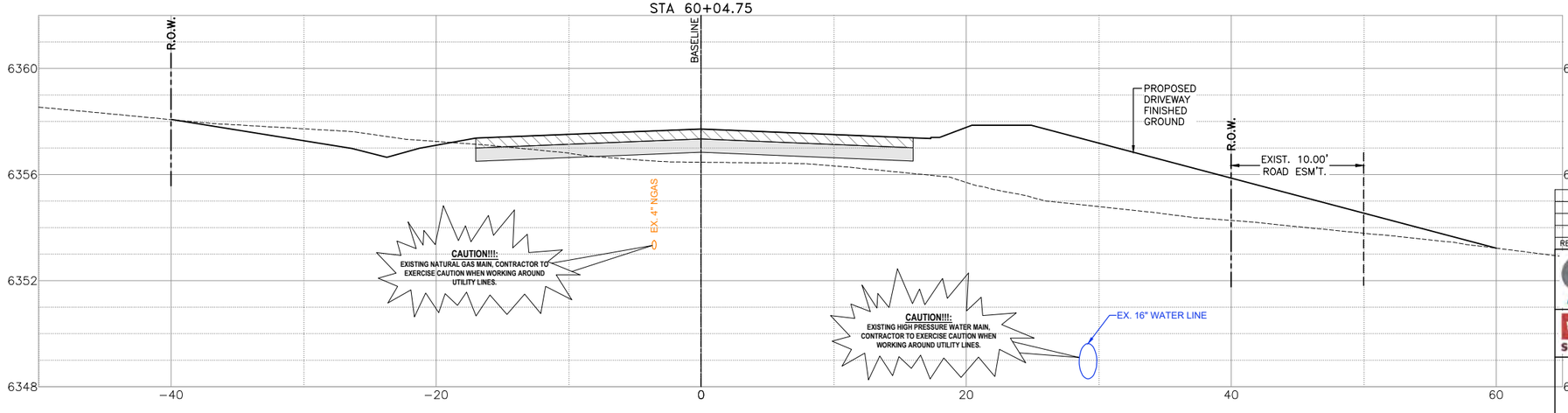
## STA 59+01.65–DRIVEWAY




## STA 60+00.00




## STA 60+04.75




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

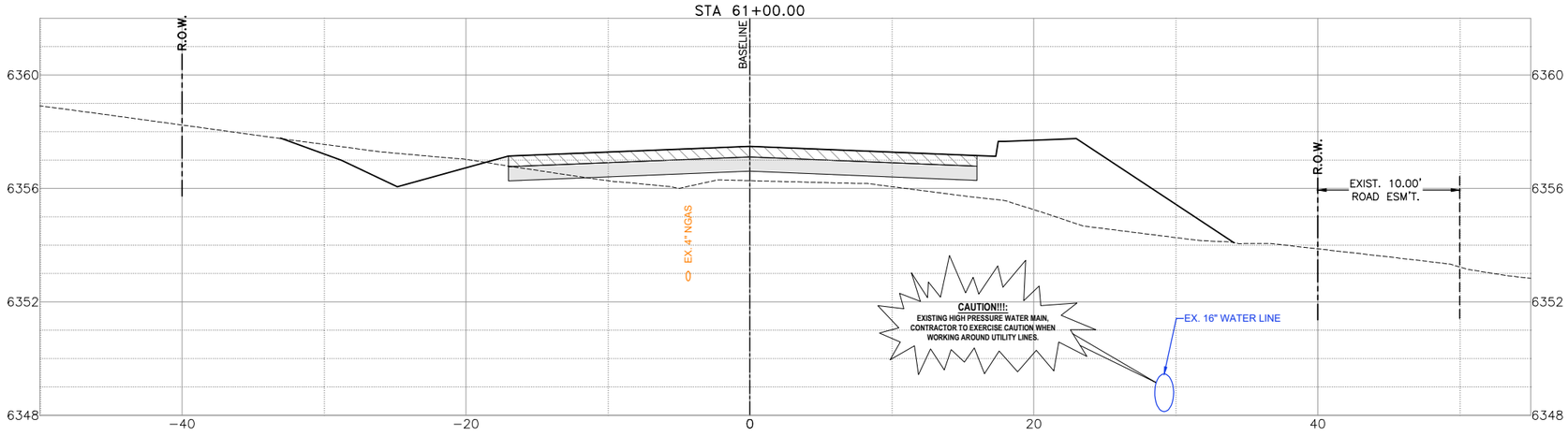
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

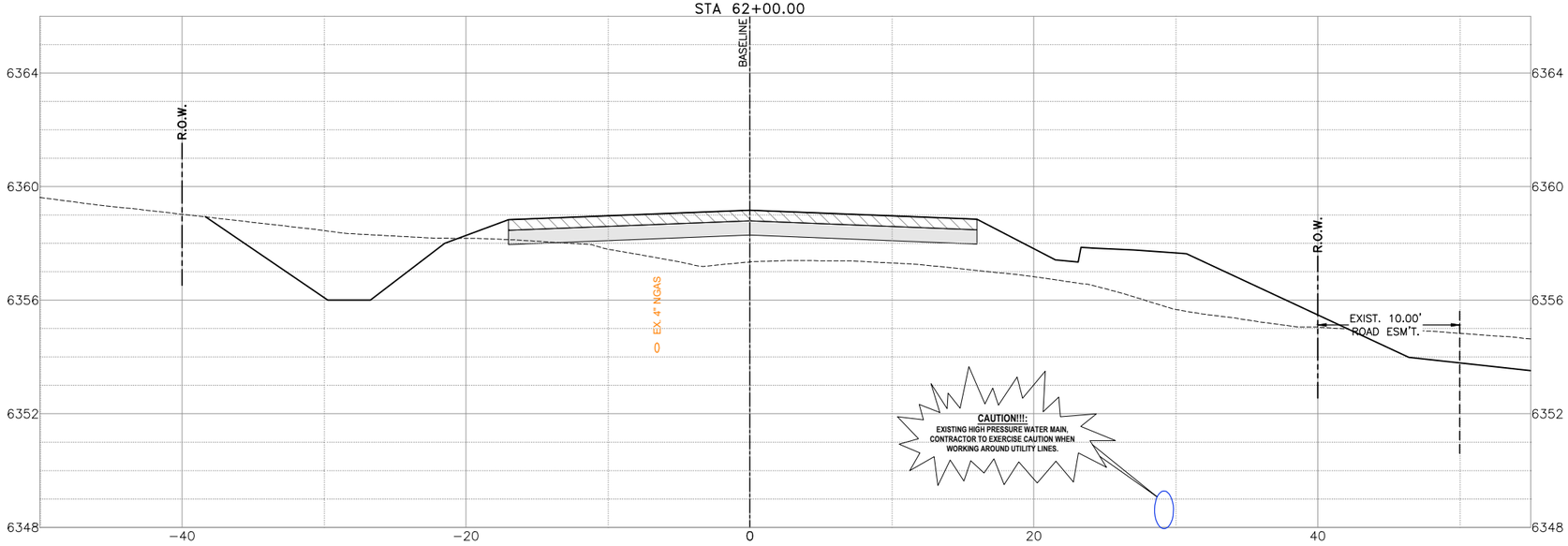
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 213 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
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SANTA FE COUNTY

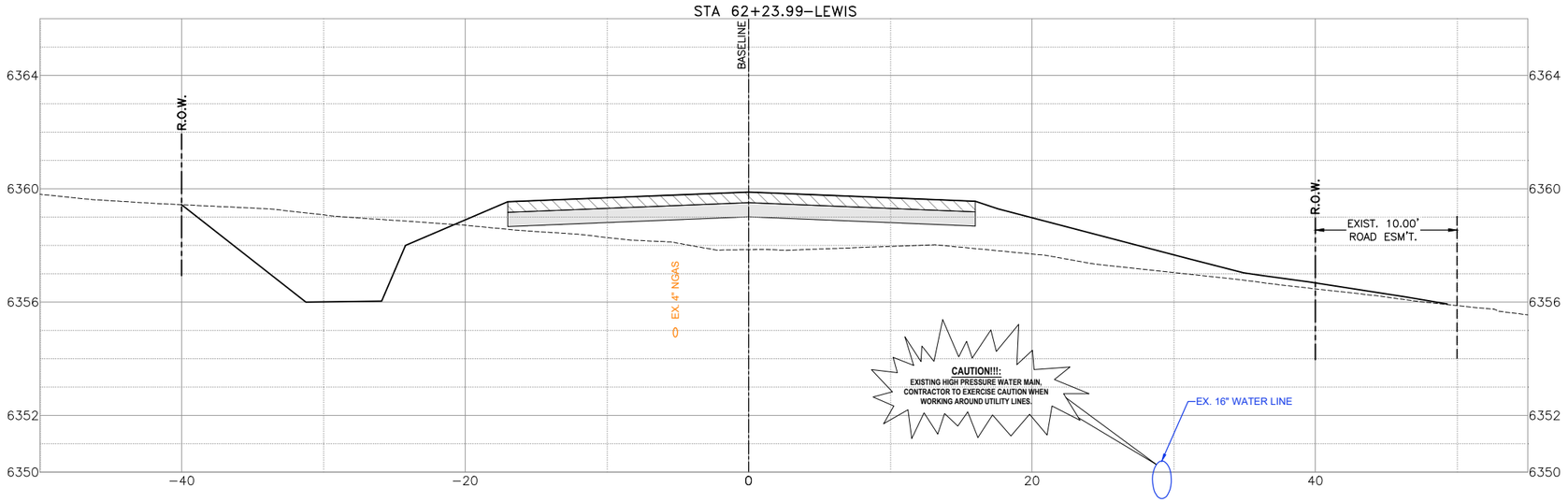
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

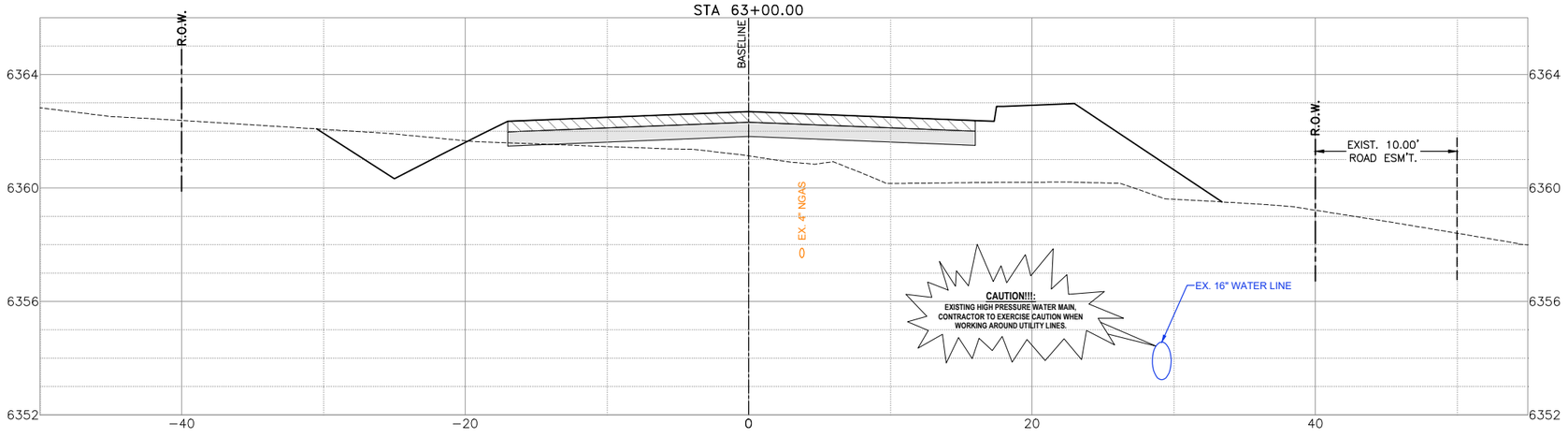
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 214 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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0 5' 10'
SCALE IN FEET
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MARK ROETZEL
NEW MEXICO
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5/28/25

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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

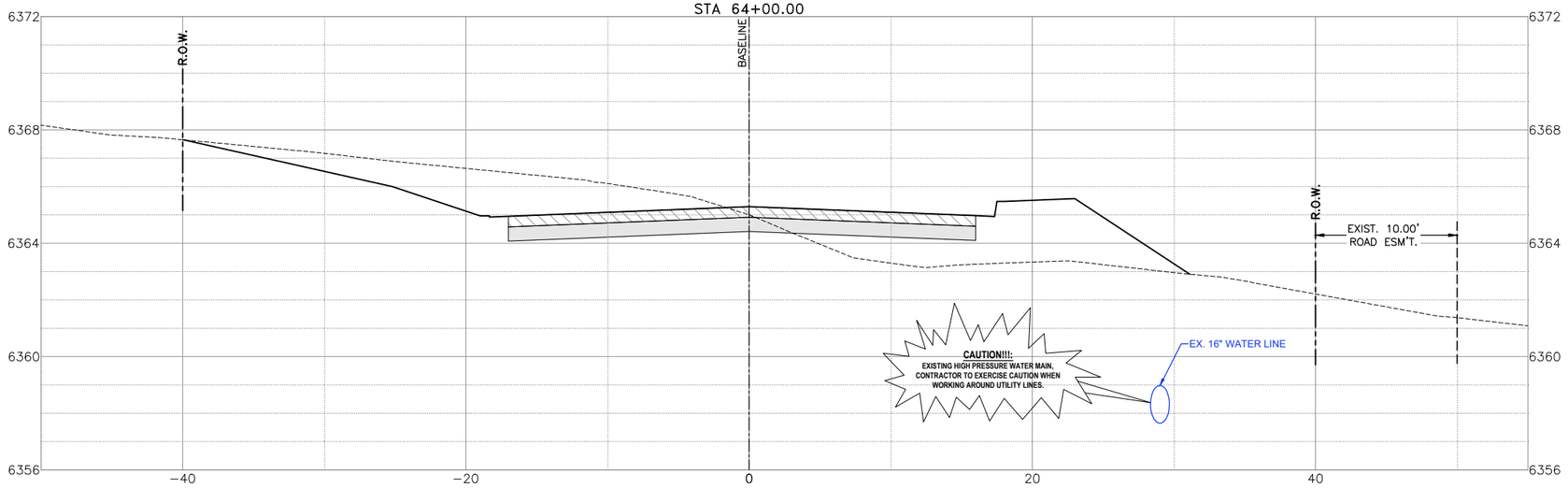
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

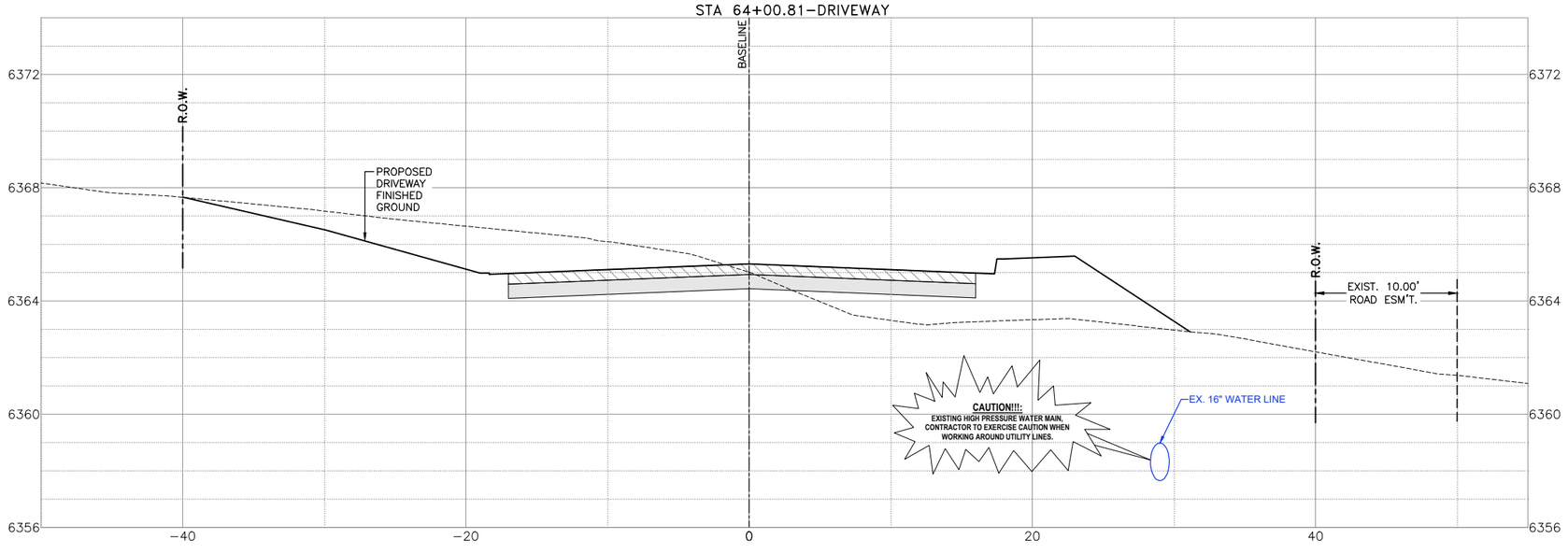
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 215 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

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SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

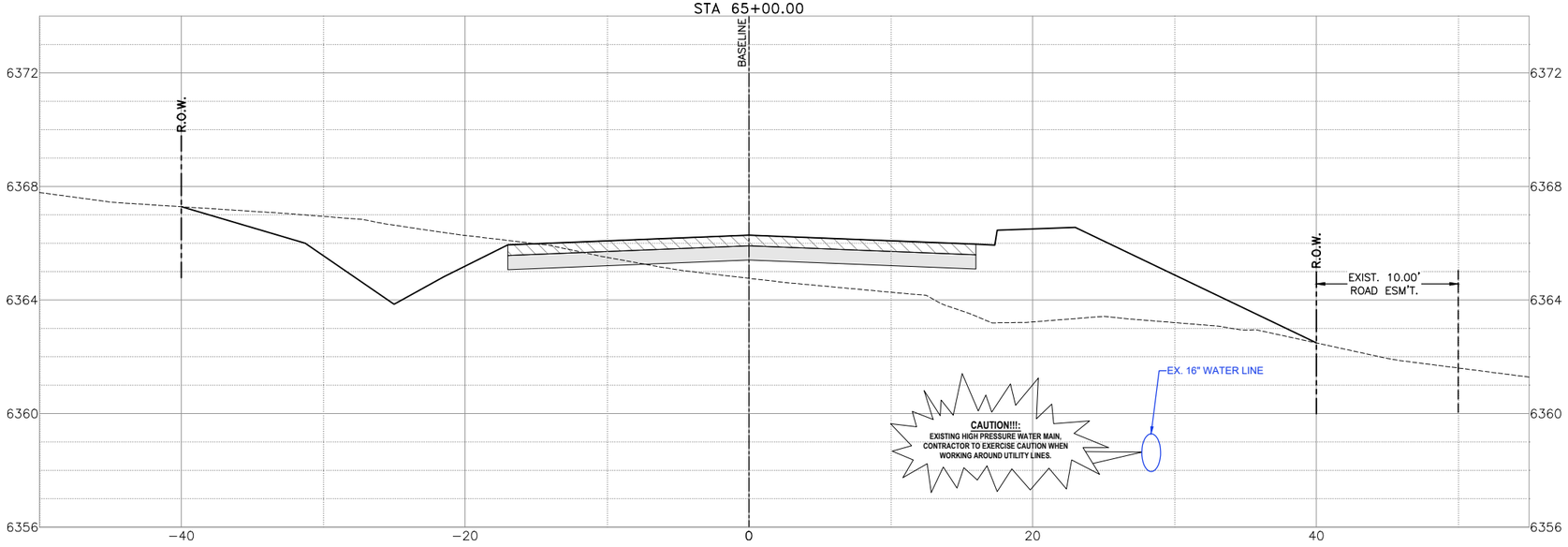
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 216 |

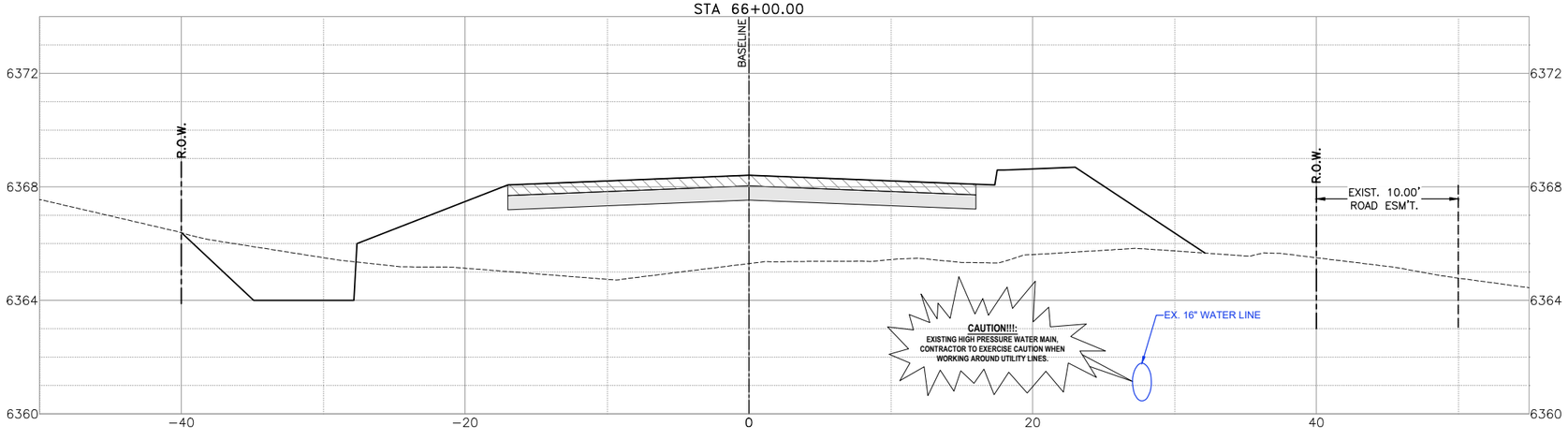
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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STA 65+00.00




STA 66+00.00




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

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(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

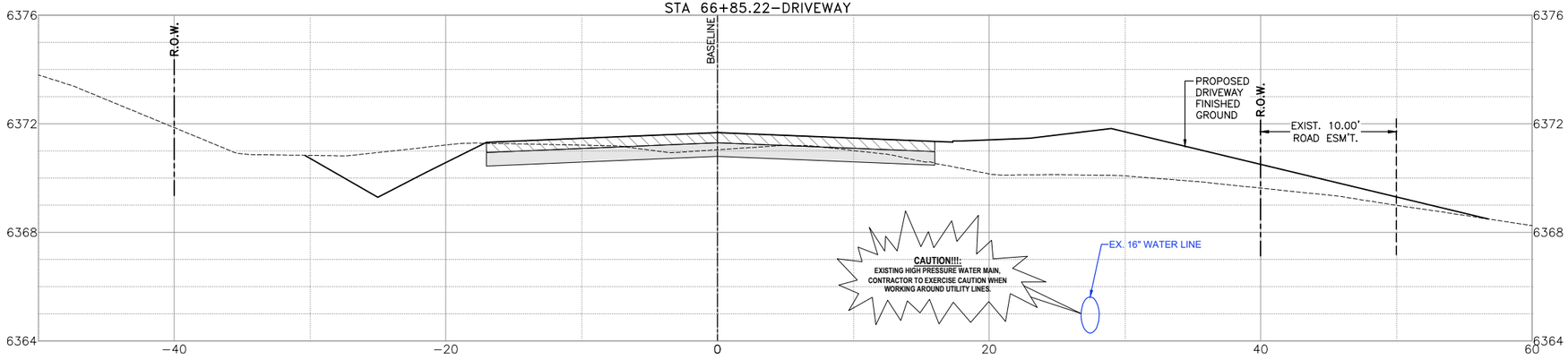
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 217 |

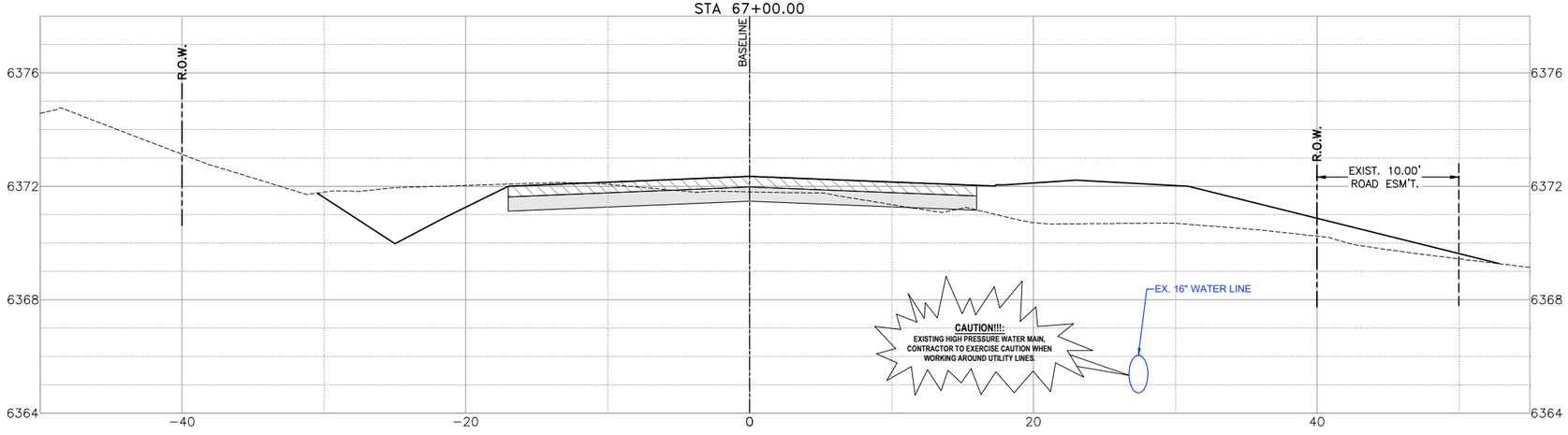
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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STA 66+85.22–DRIVEWAY




STA 67+00.00




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100185-00

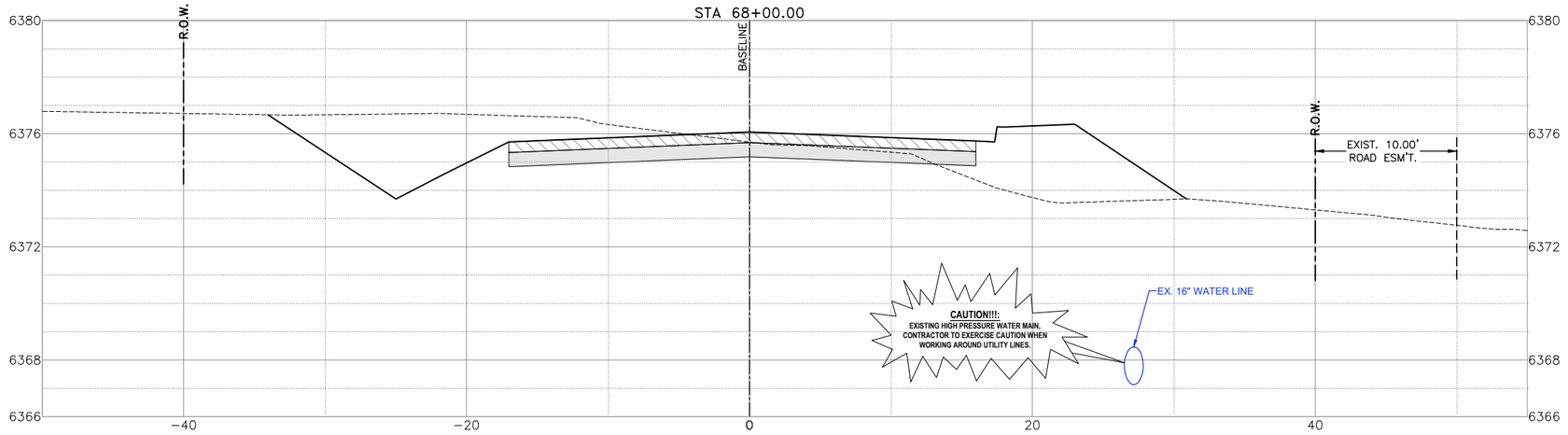
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

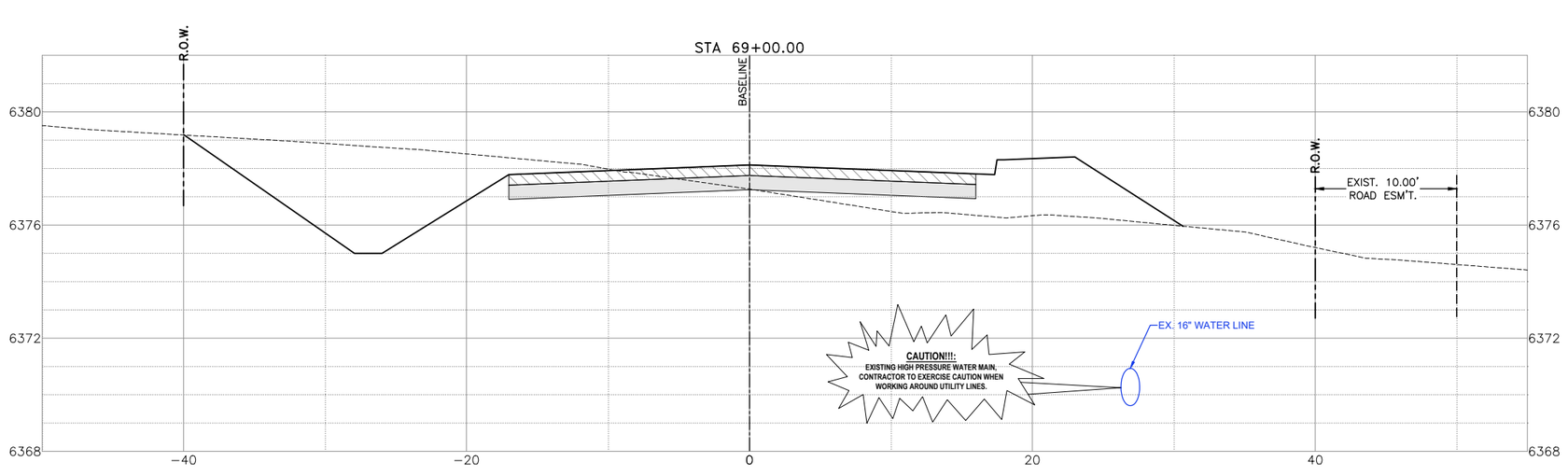
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 218 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
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PROFESSIONAL ENGINEER
5/28/25

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CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS

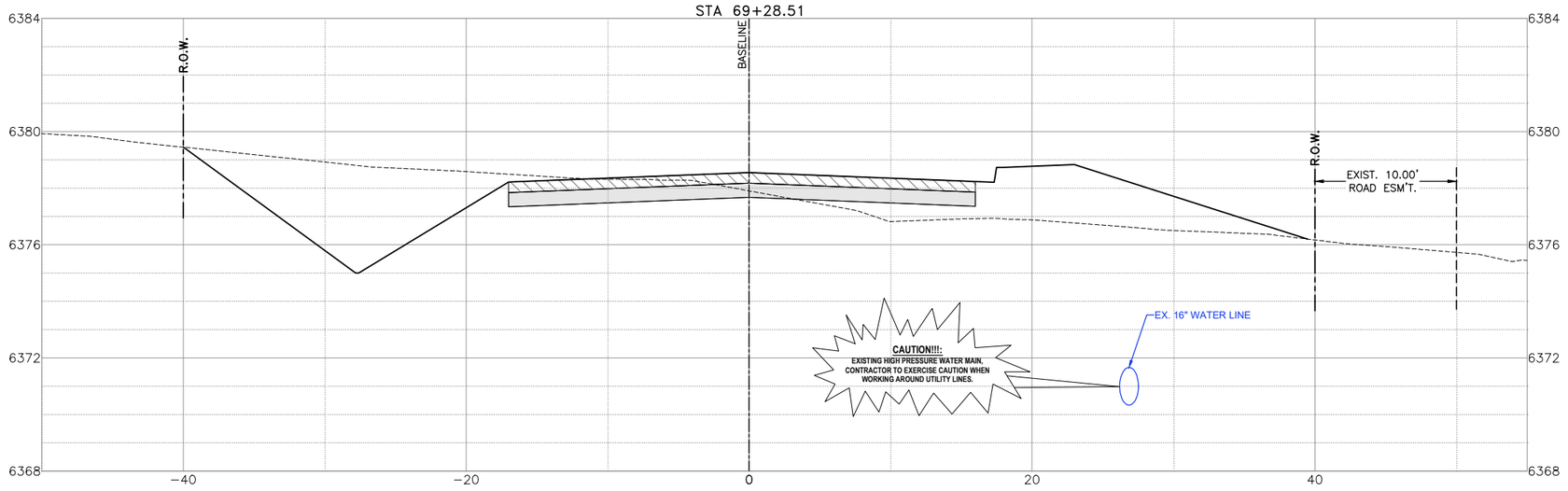
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

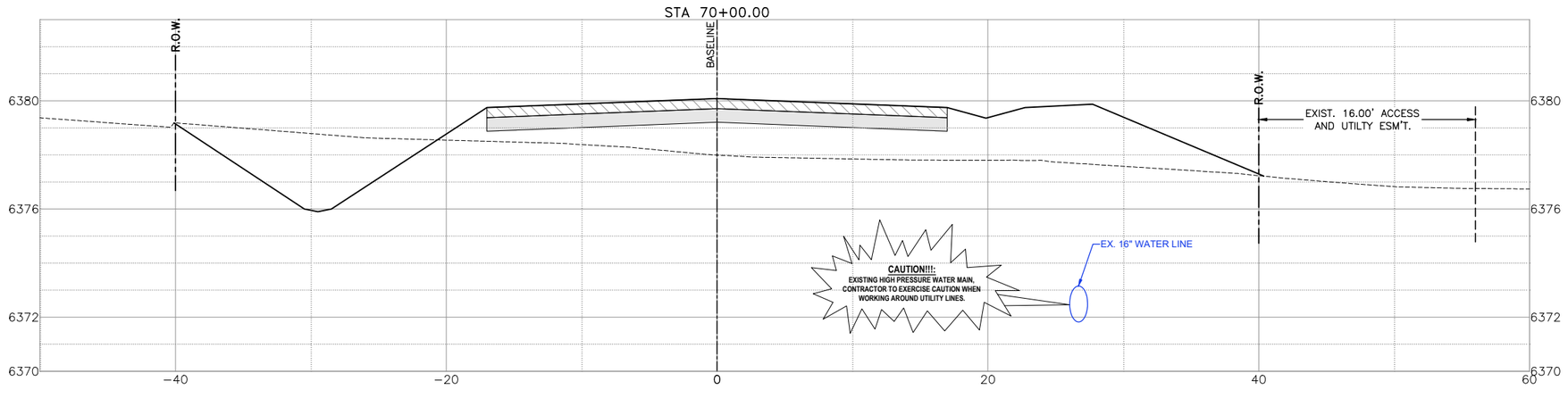
## ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 219 |

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0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
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SANTA FE COUNTY

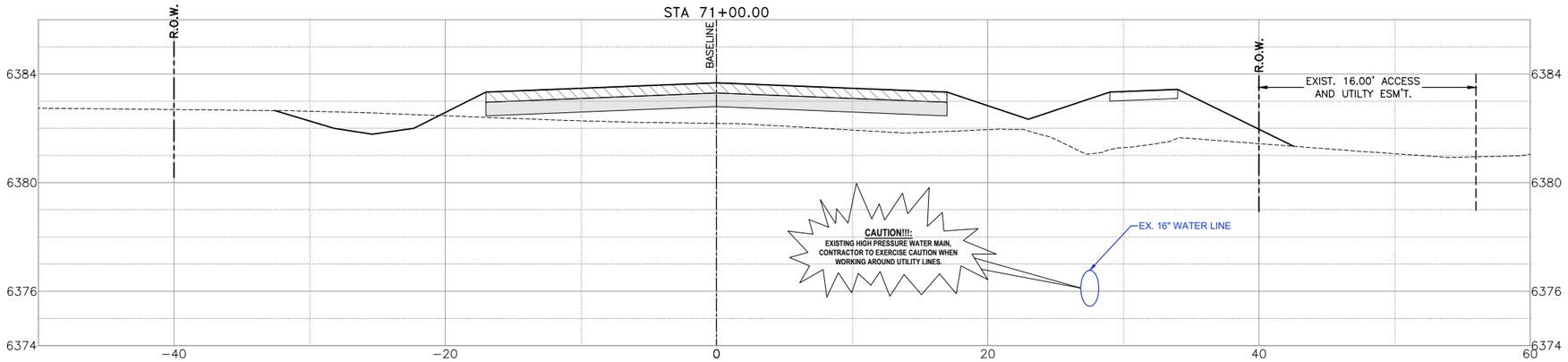
# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

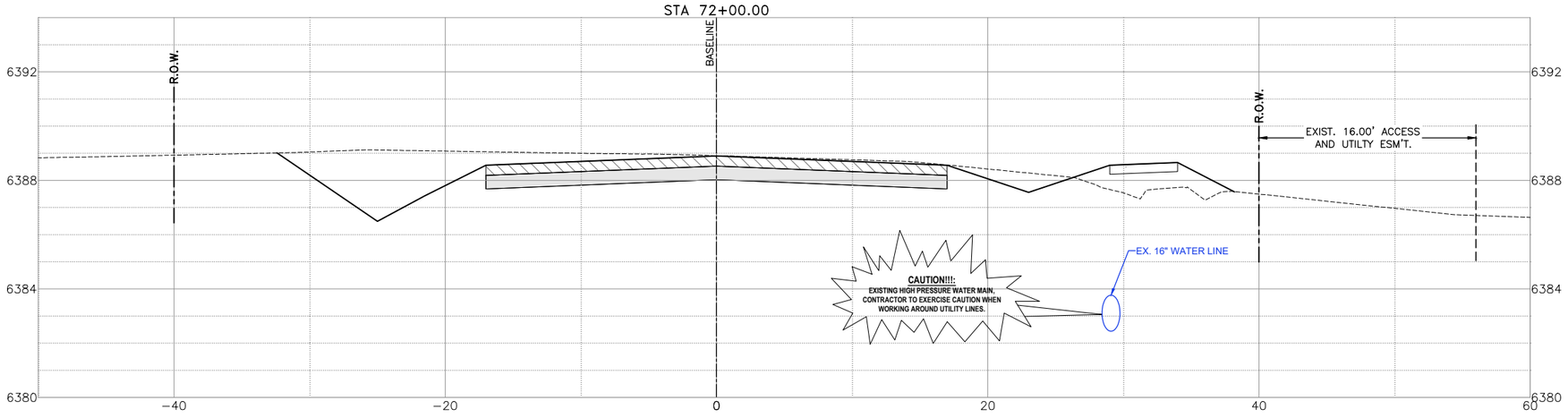
## ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

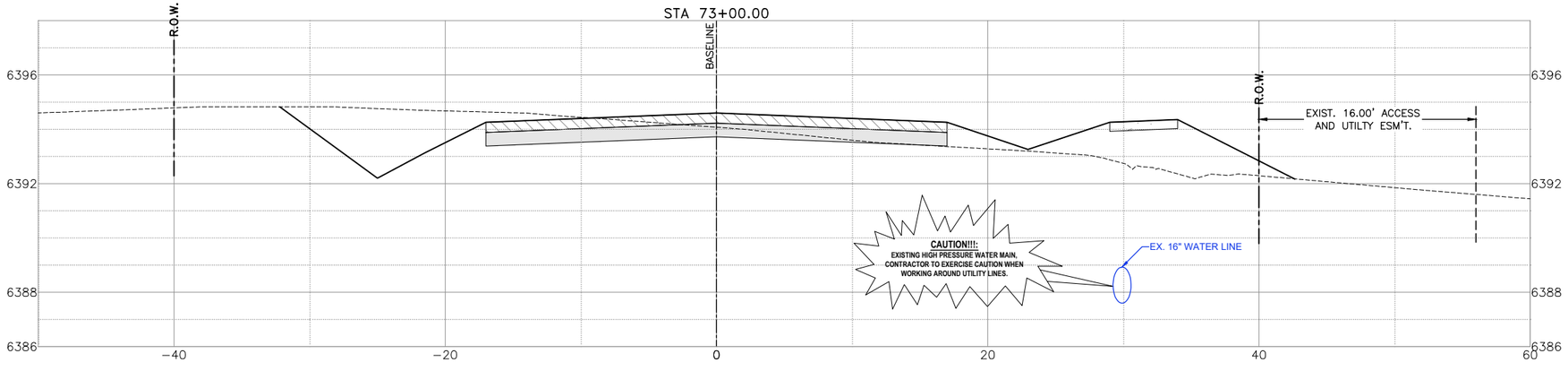
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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 220 |

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0 5' 10'
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MARK ROETZEL
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SANTA FE COUNTY

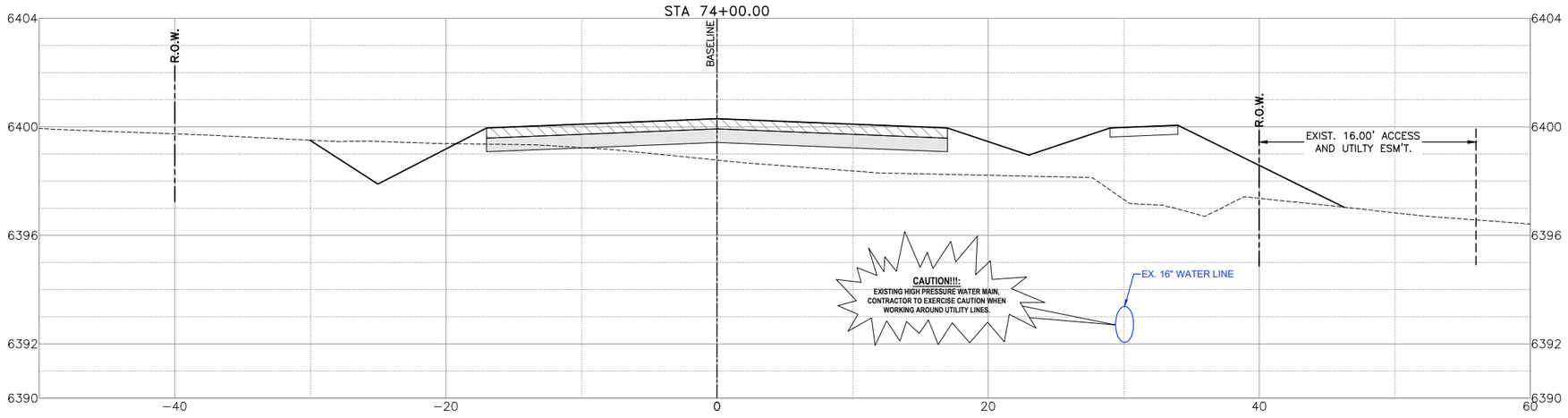
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

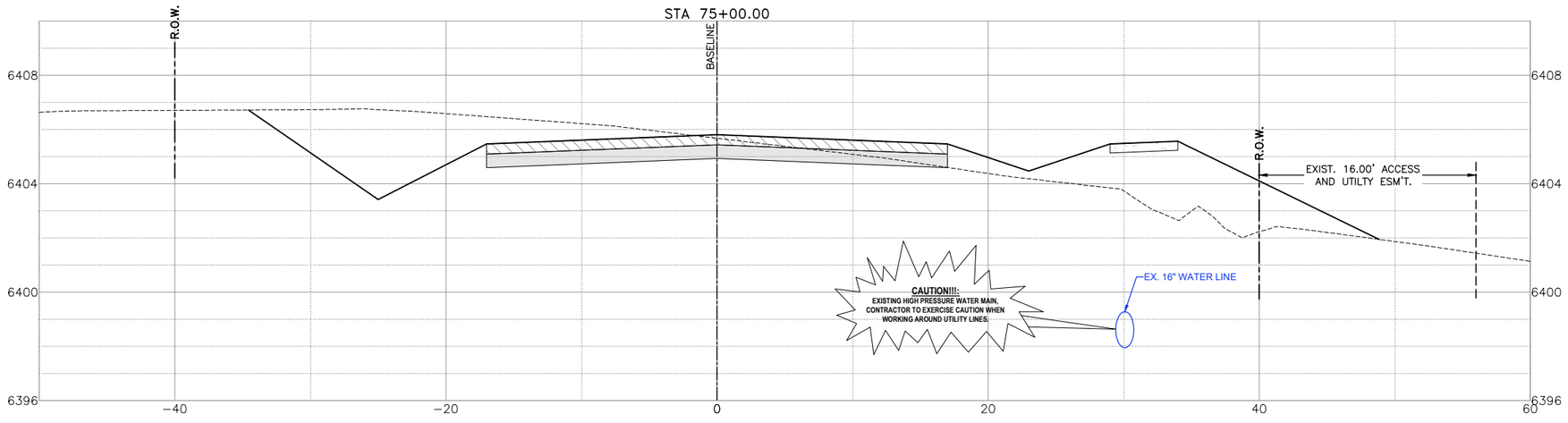
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 221 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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MARK ROETZEL
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100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
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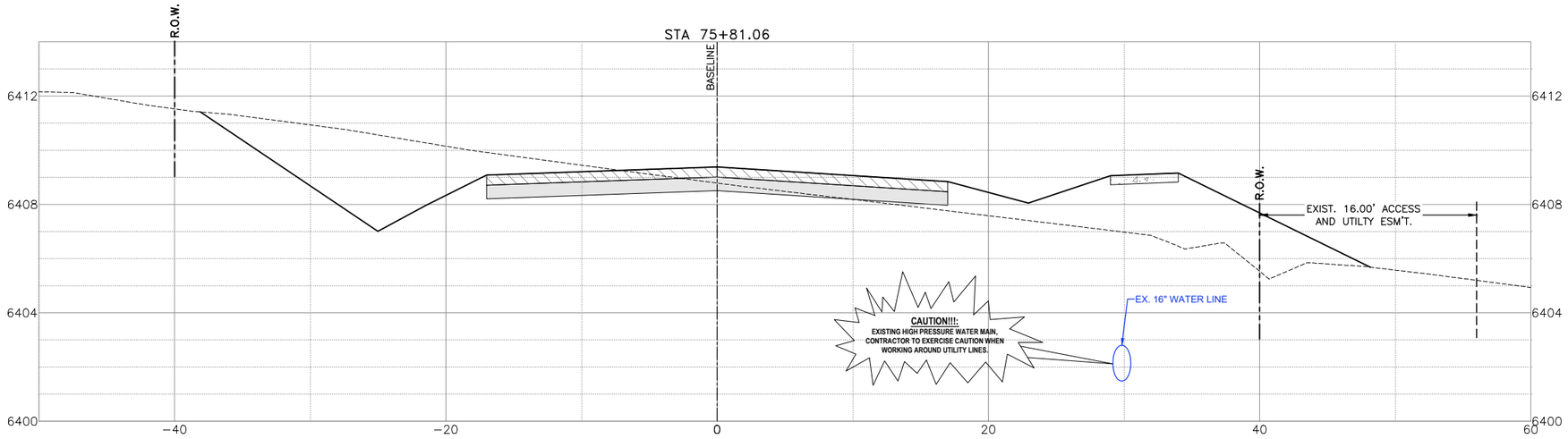
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

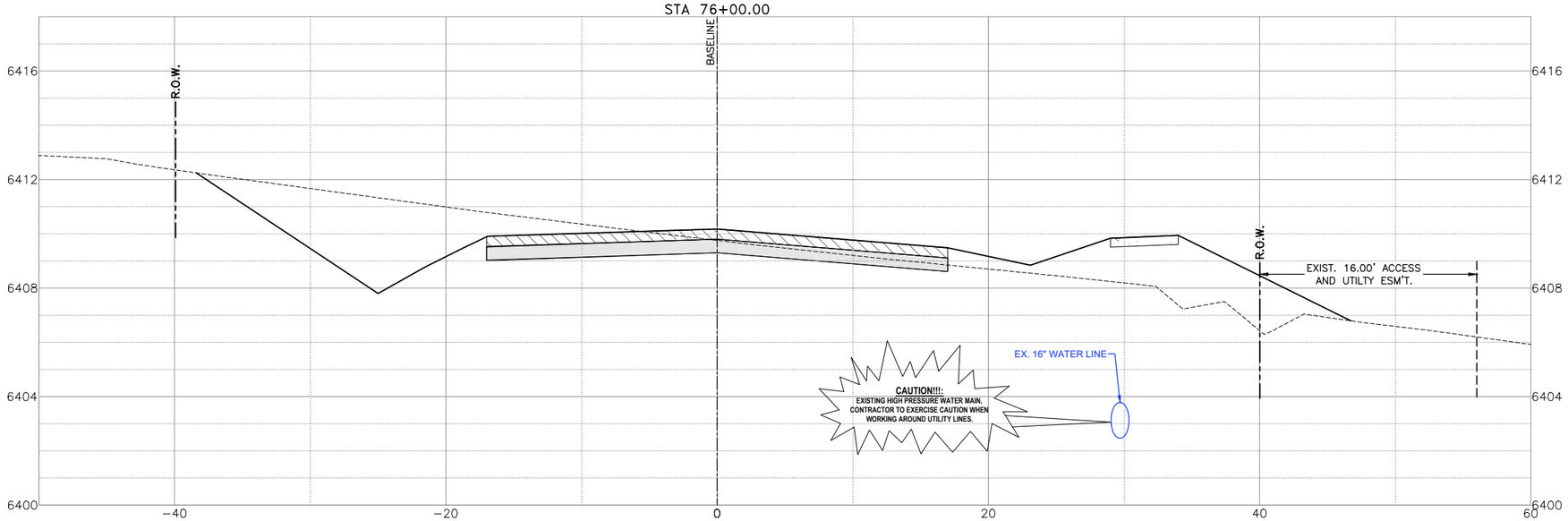
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 222 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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SCALE IN FEET
1"=5'

MARK ROETZEL
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PROFESSIONAL ENGINEER
5/28/25

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109 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

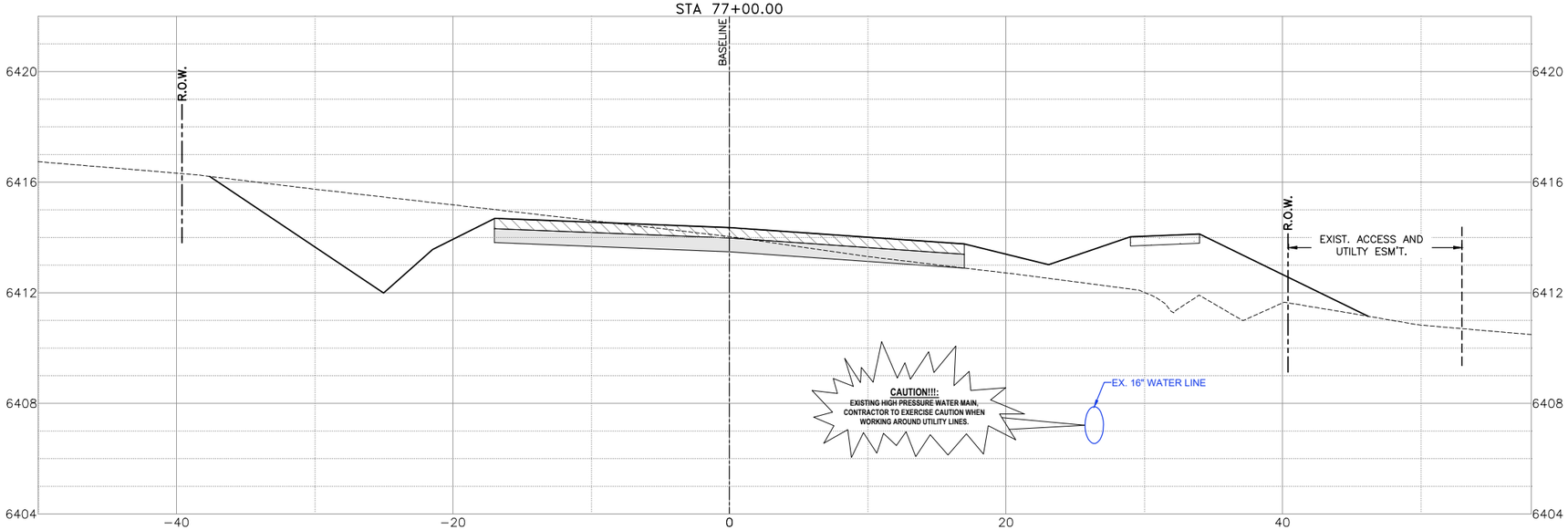
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 223 |

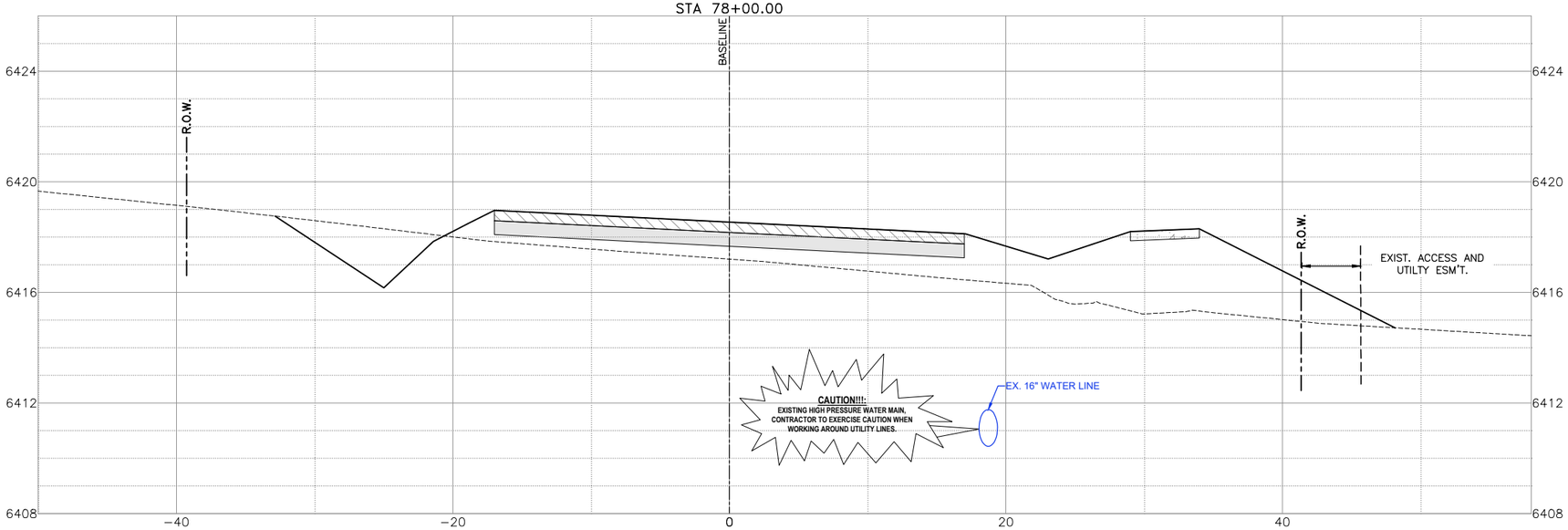
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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STA 77+00.00




STA 78+00.00




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

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CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

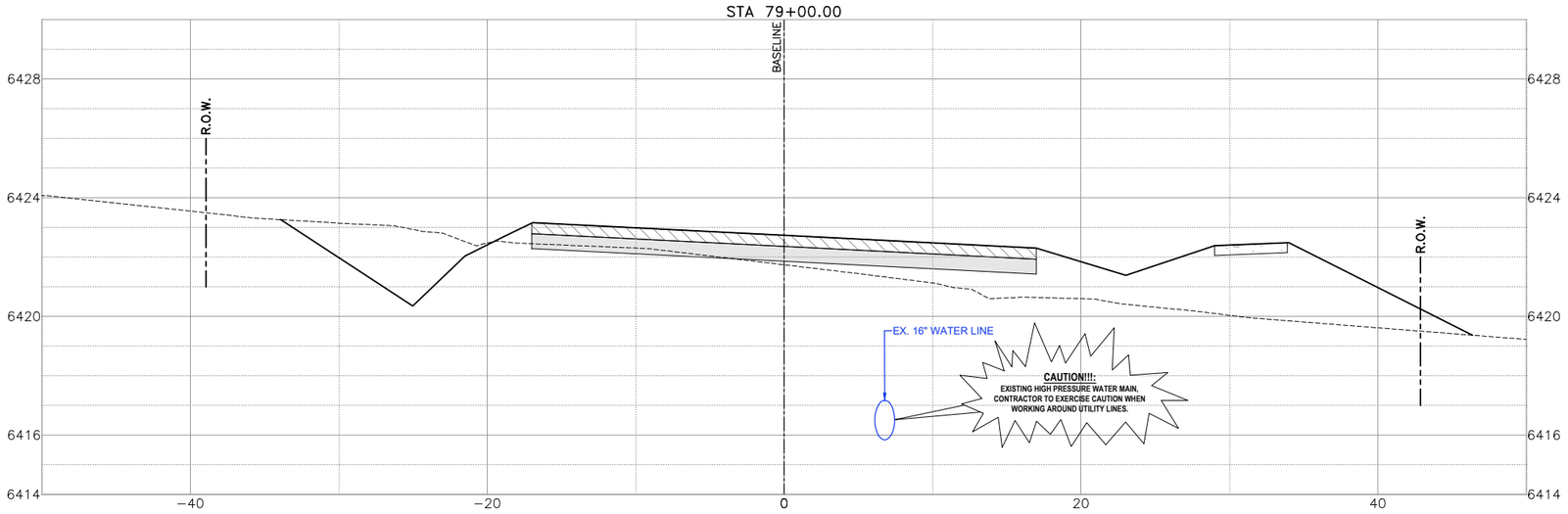
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

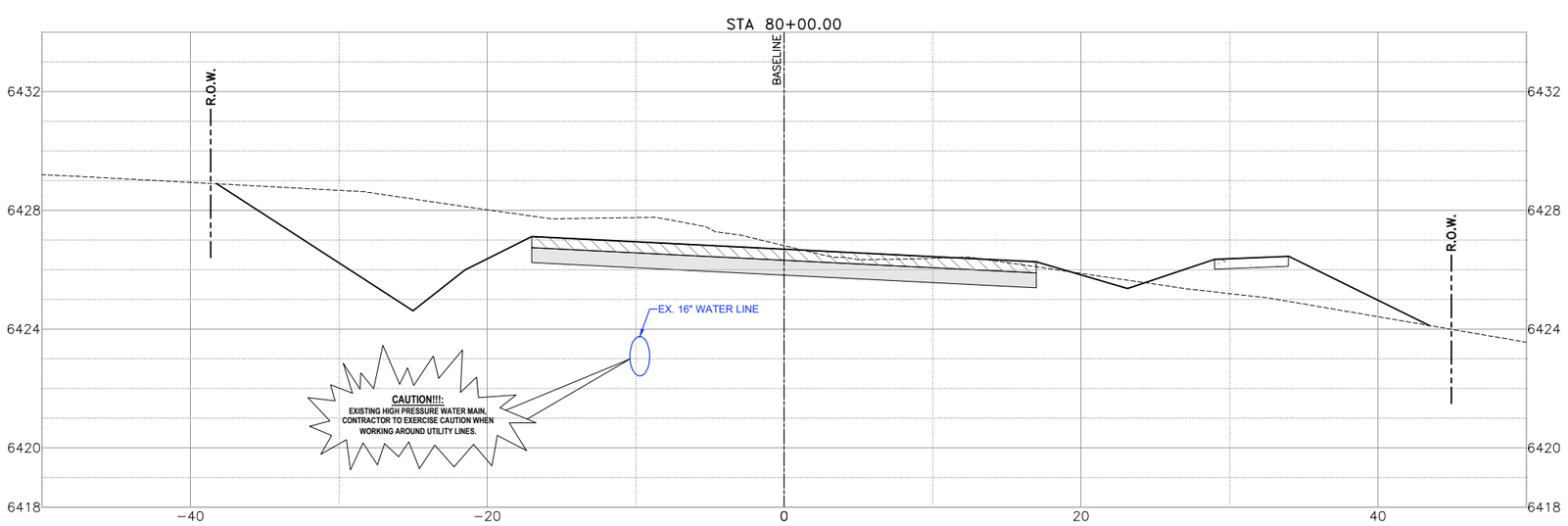
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 224 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:_DBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED:05/28/2025 10:00 AM




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery
ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

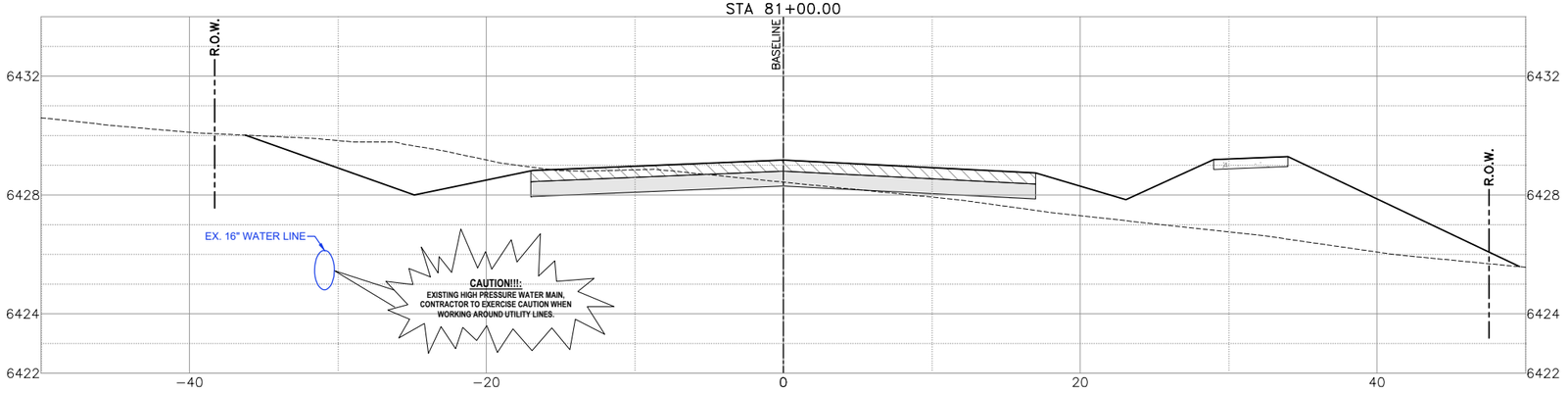
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 225 |

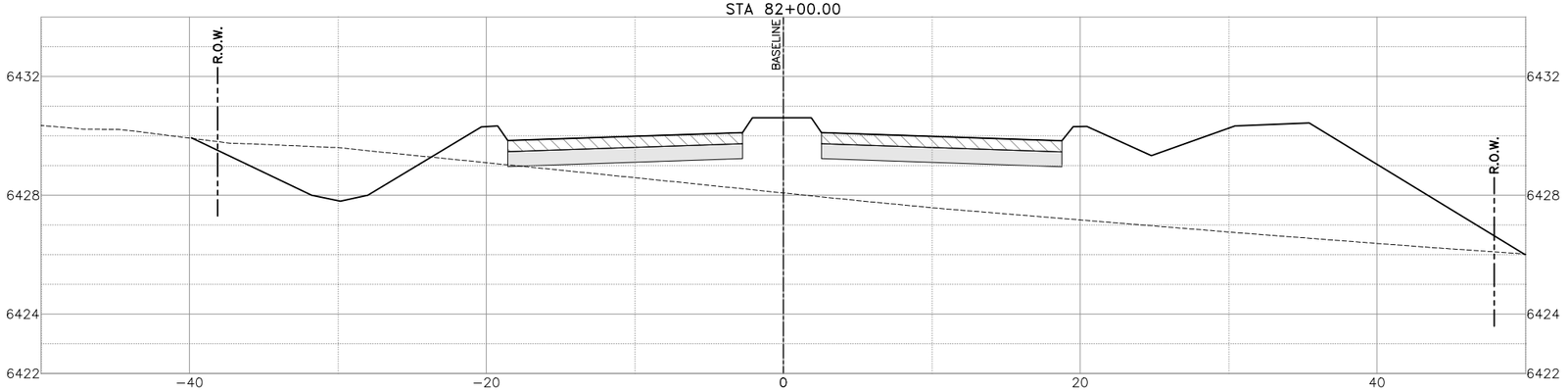
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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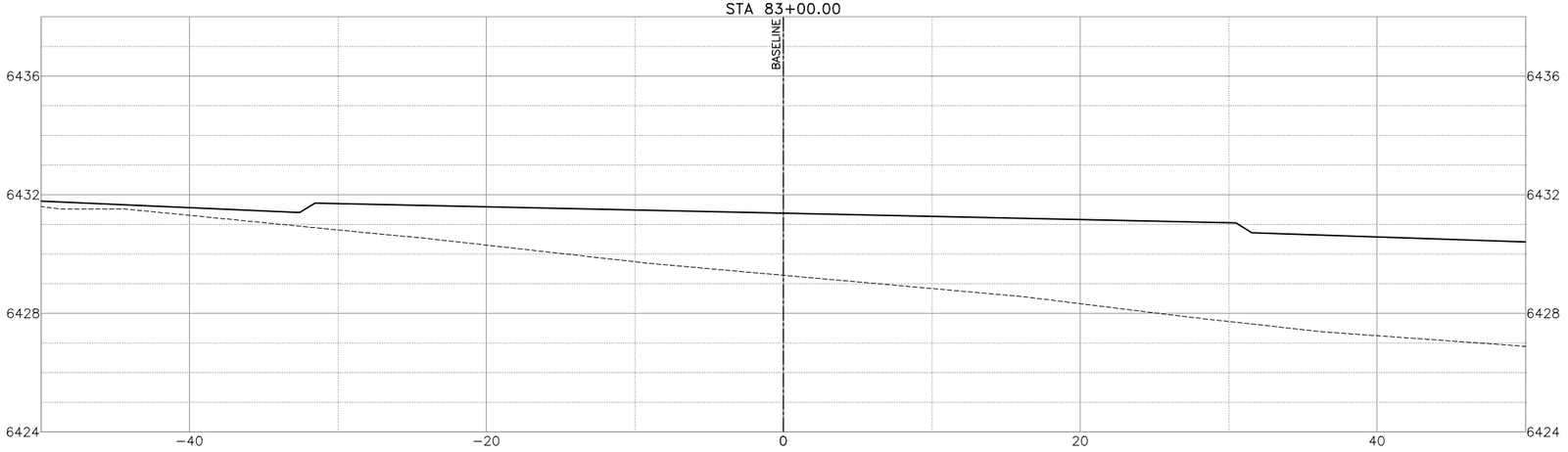
STA 81+00.00




STA 82+00.00




STA 83+00.00




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

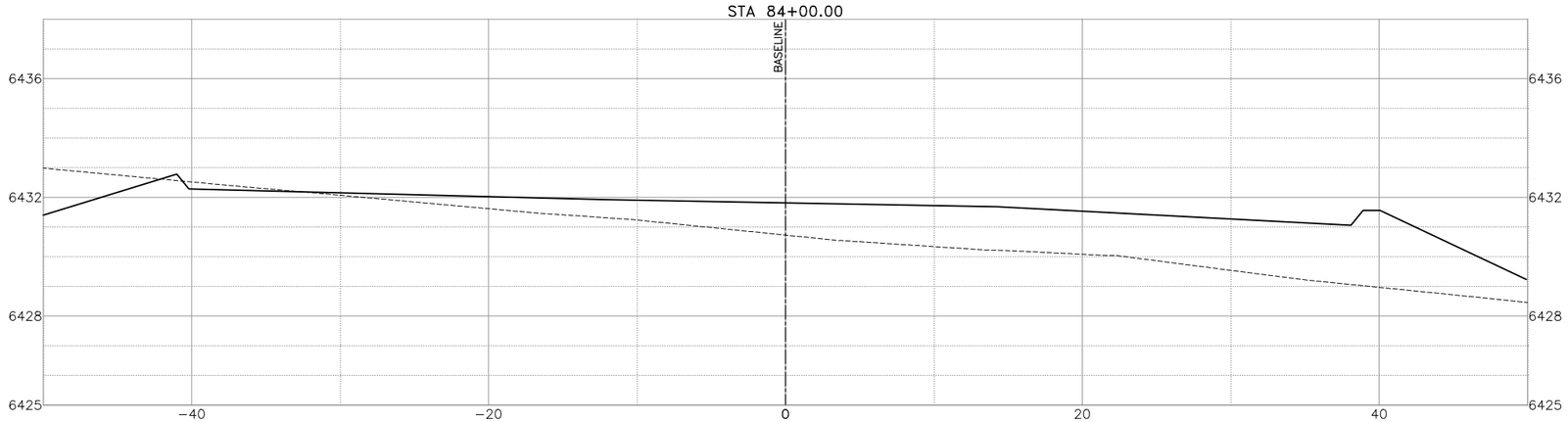
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

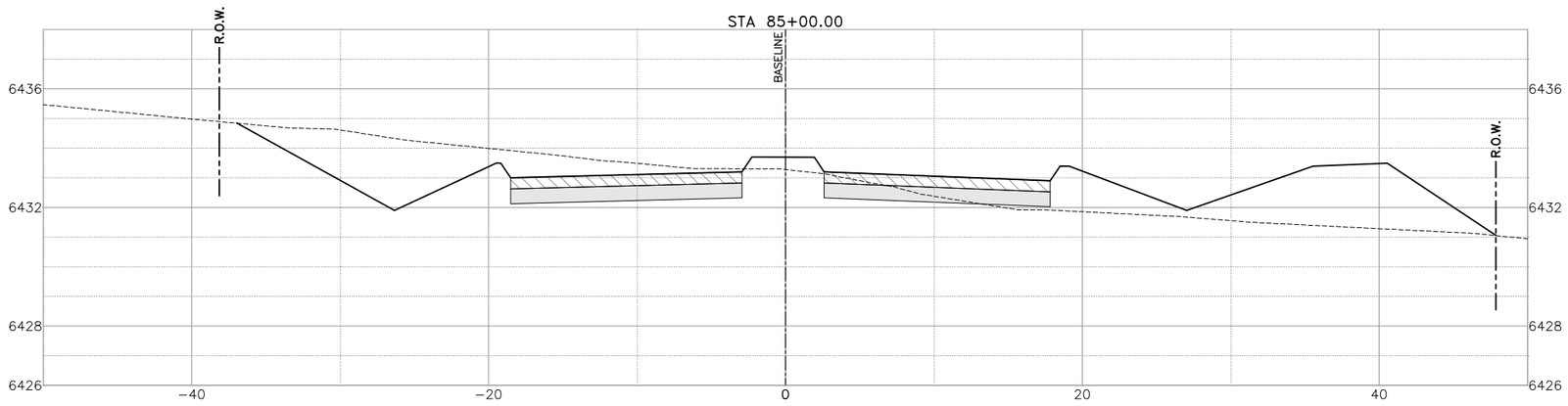
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

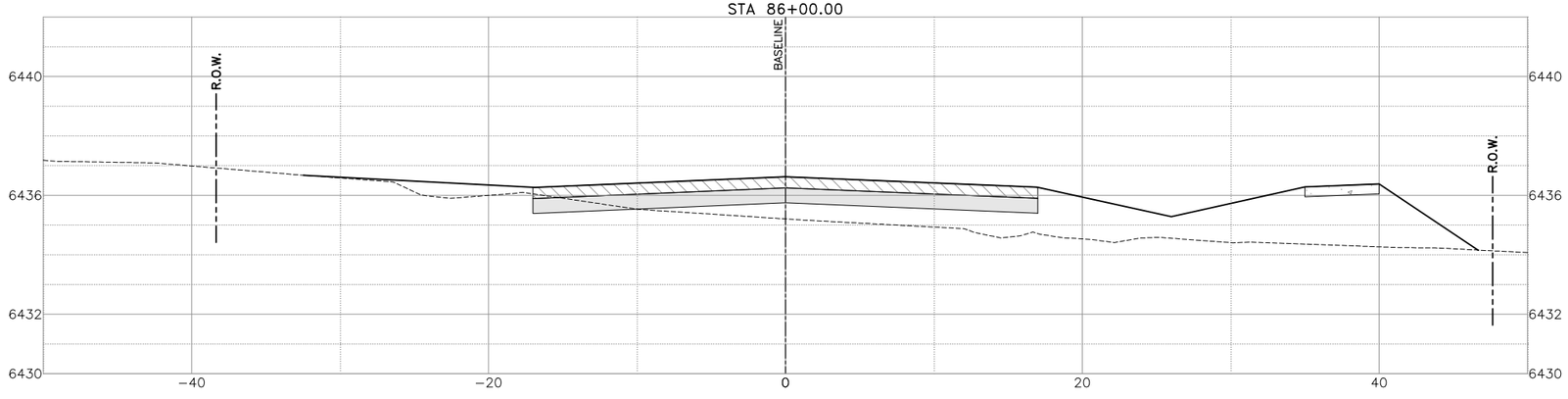
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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 226 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:_x085\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED: 05/29/2025 10:00 AM




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SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

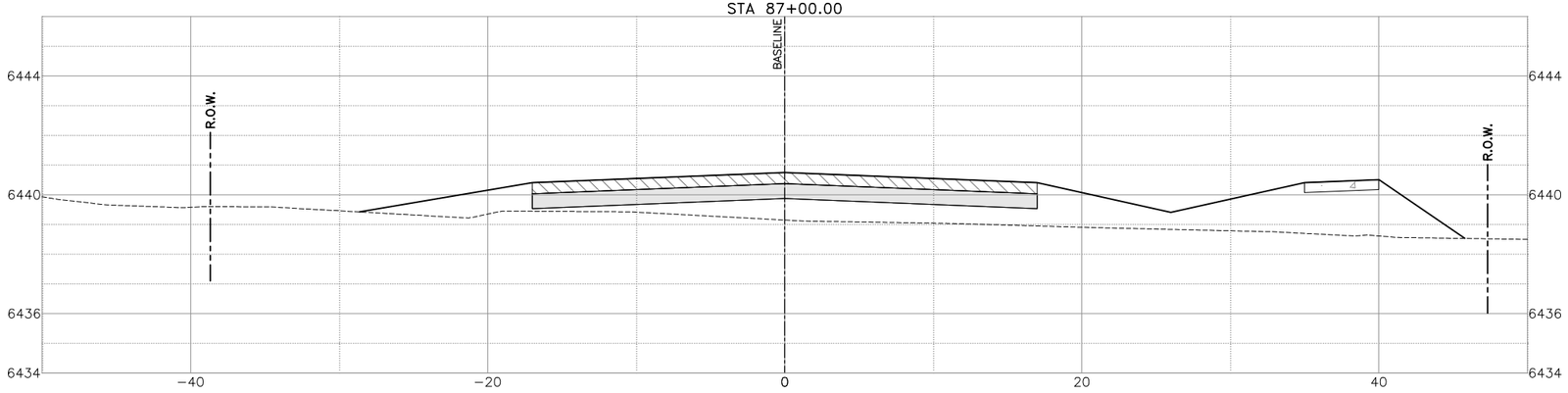
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

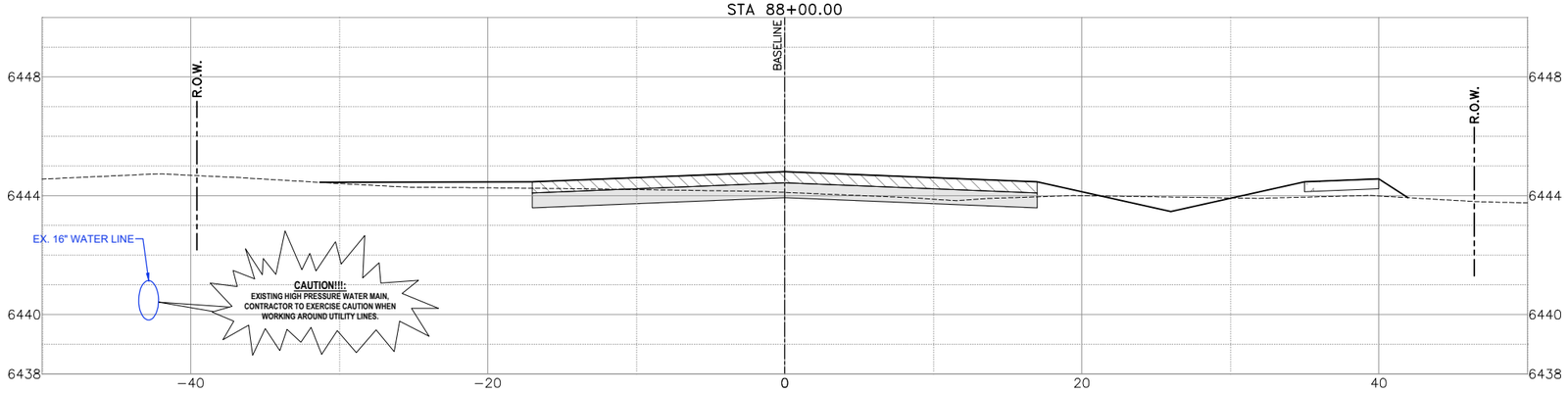
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| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 227 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

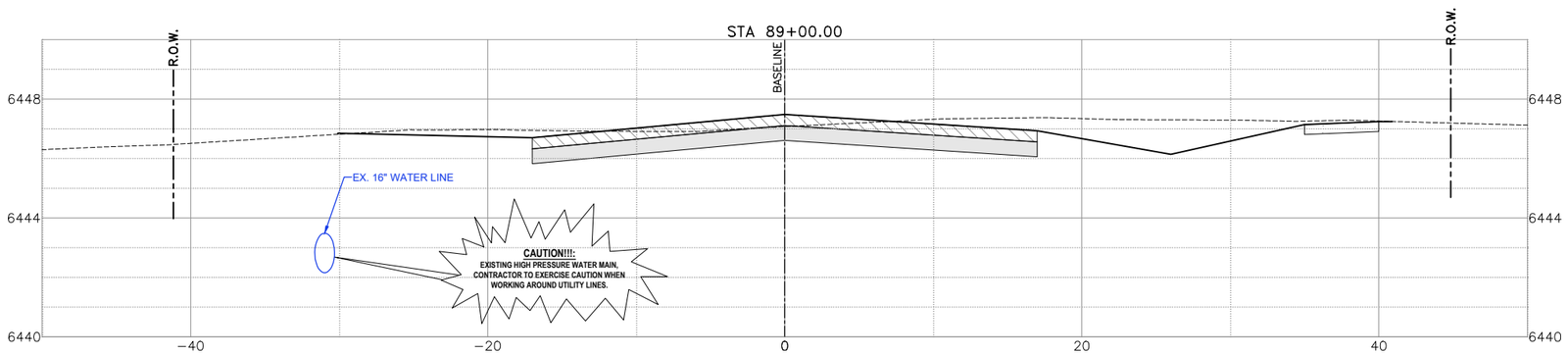
STA 87+00.00




STA 88+00.00




STA 89+00.00




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

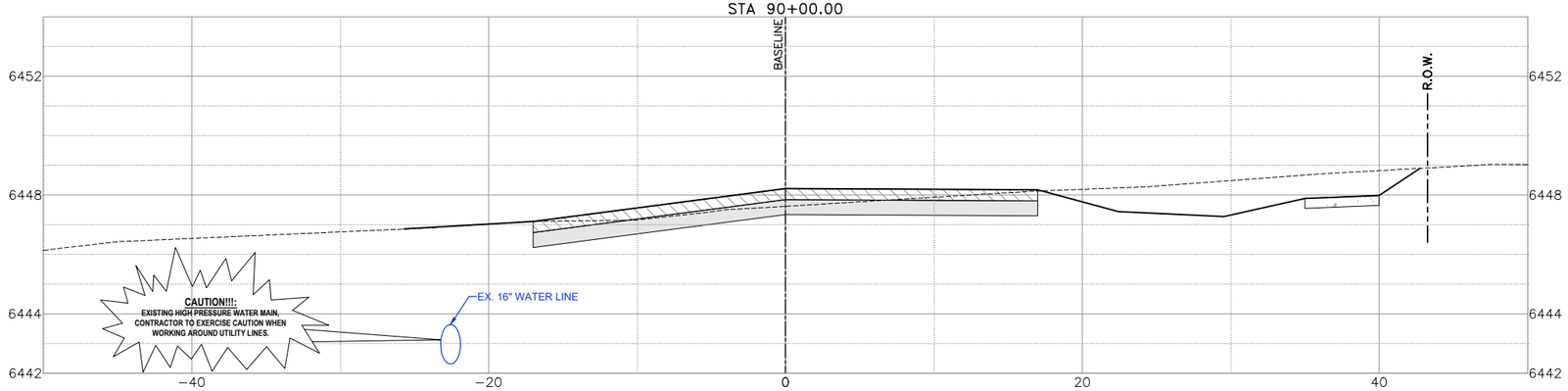
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 228 |

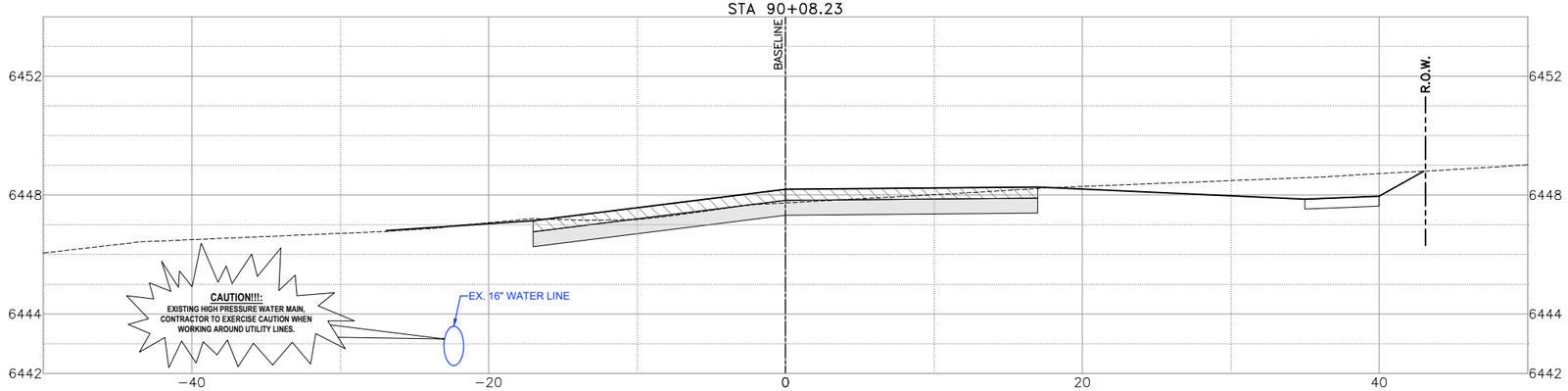
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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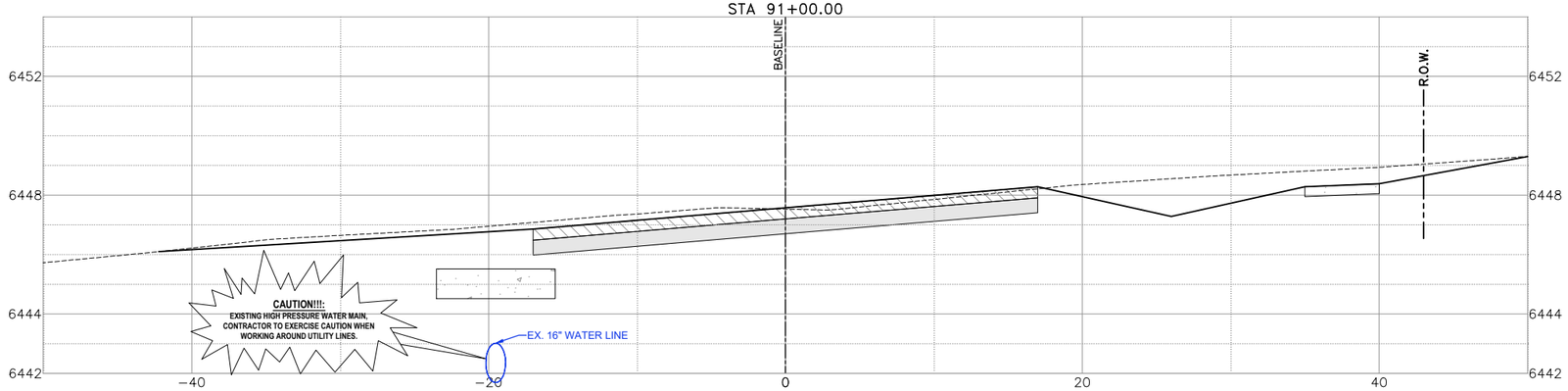
STA 90+00.00




STA 90+08.23




STA 91+00.00




SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDSmuery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

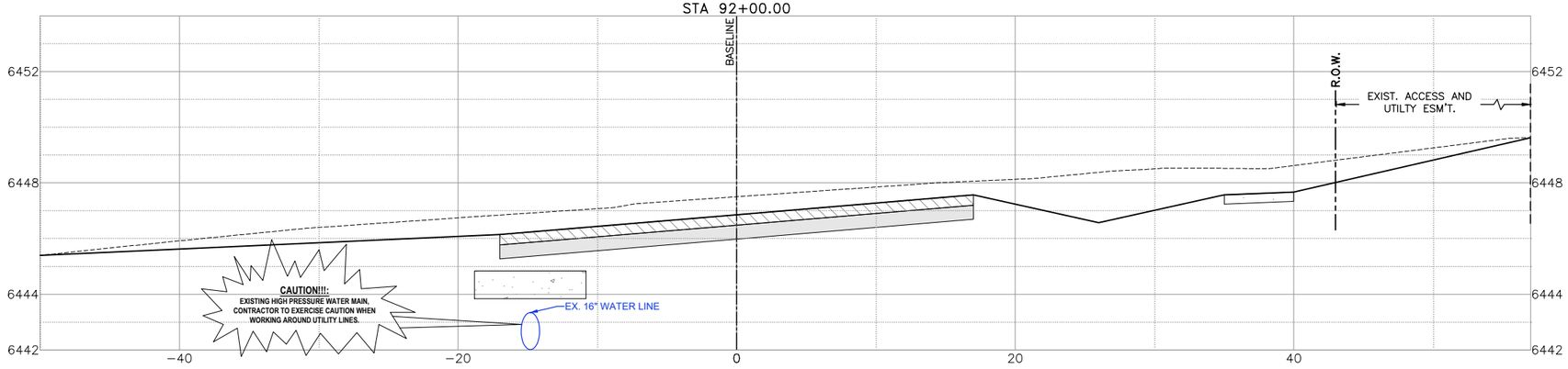
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 229 |

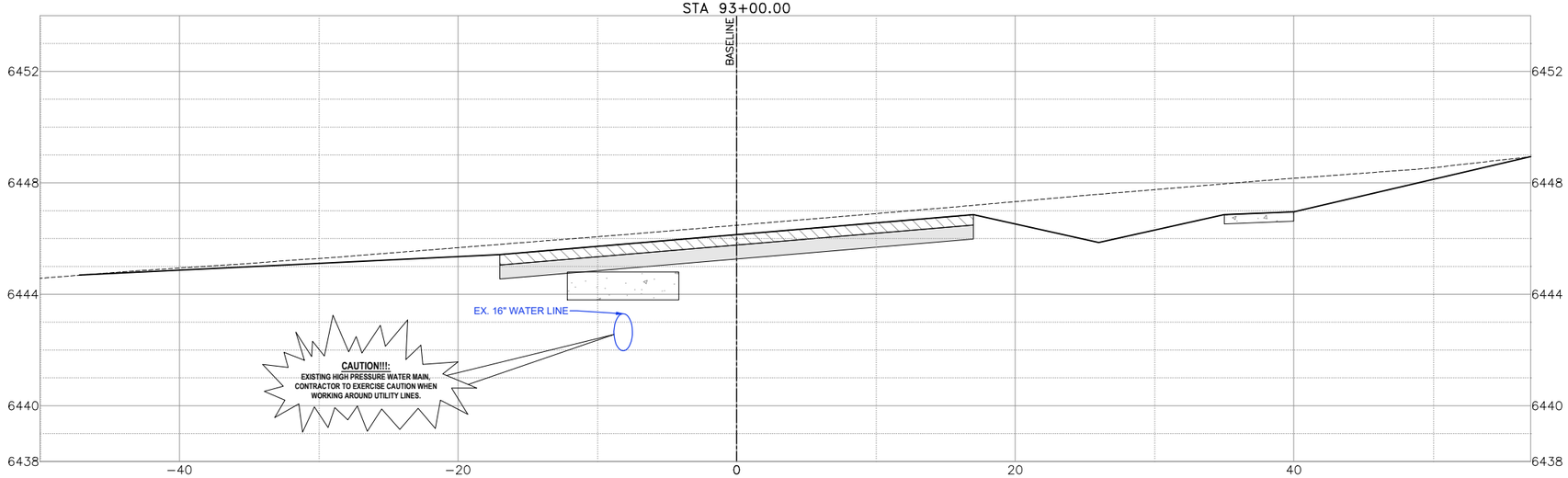
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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STA 92+00.00




STA 93+00.00




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV. NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100195-00

SANTA FE COUNTY

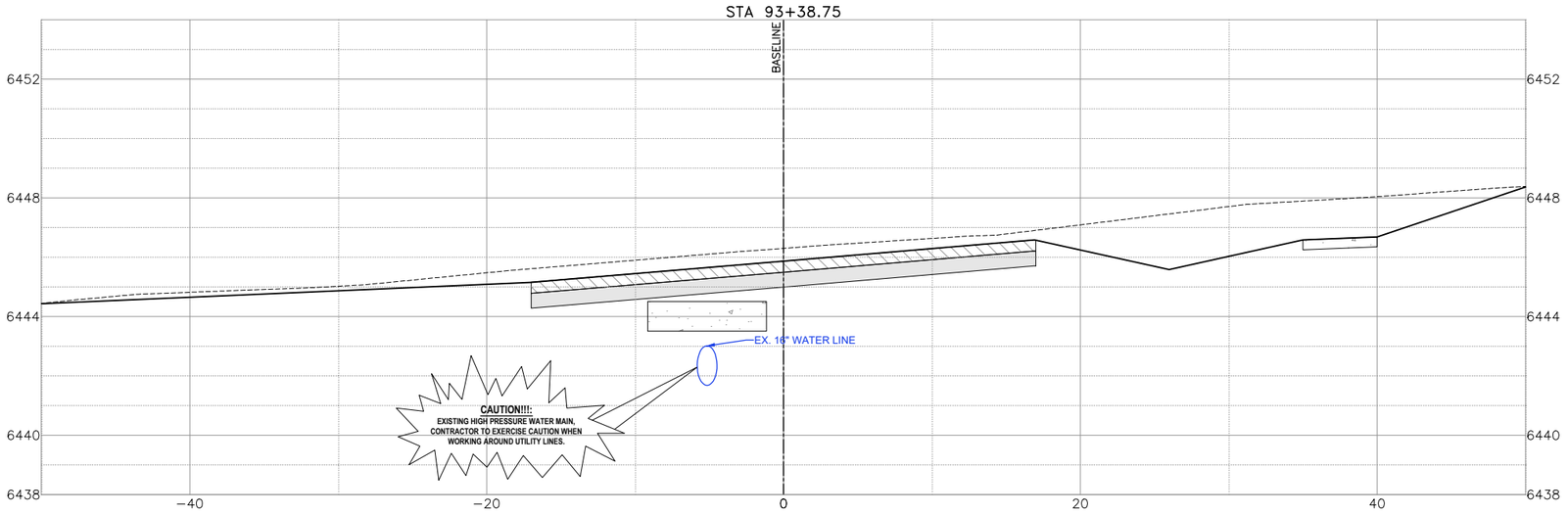
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

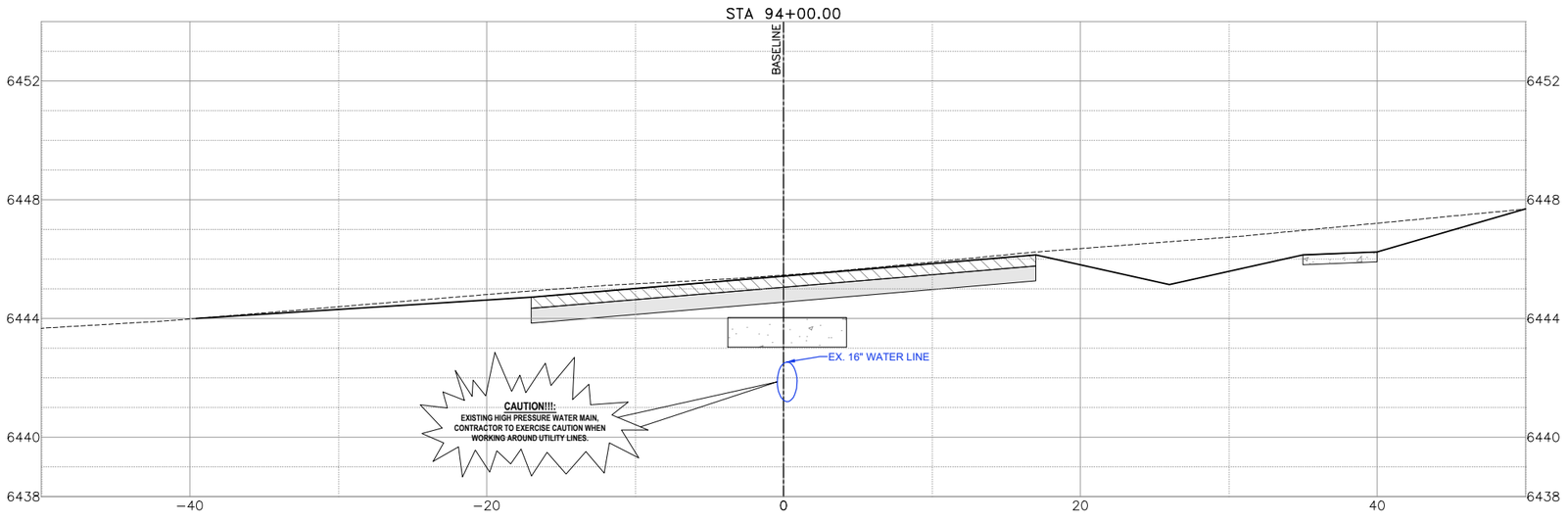
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 230 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:_CDS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED:05/28/2025 10:00 AM




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

SANTA FE COUNTY

# SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

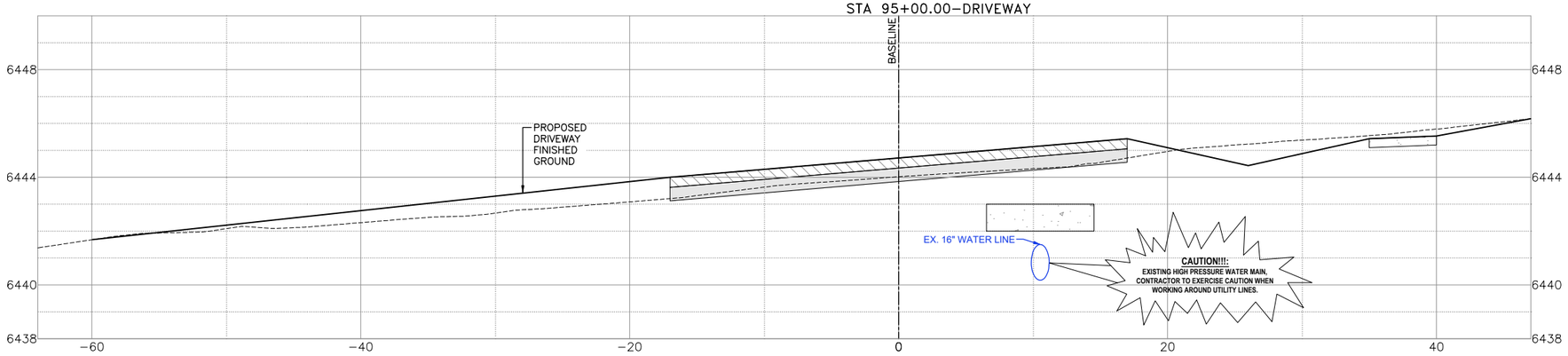
## ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 231 |

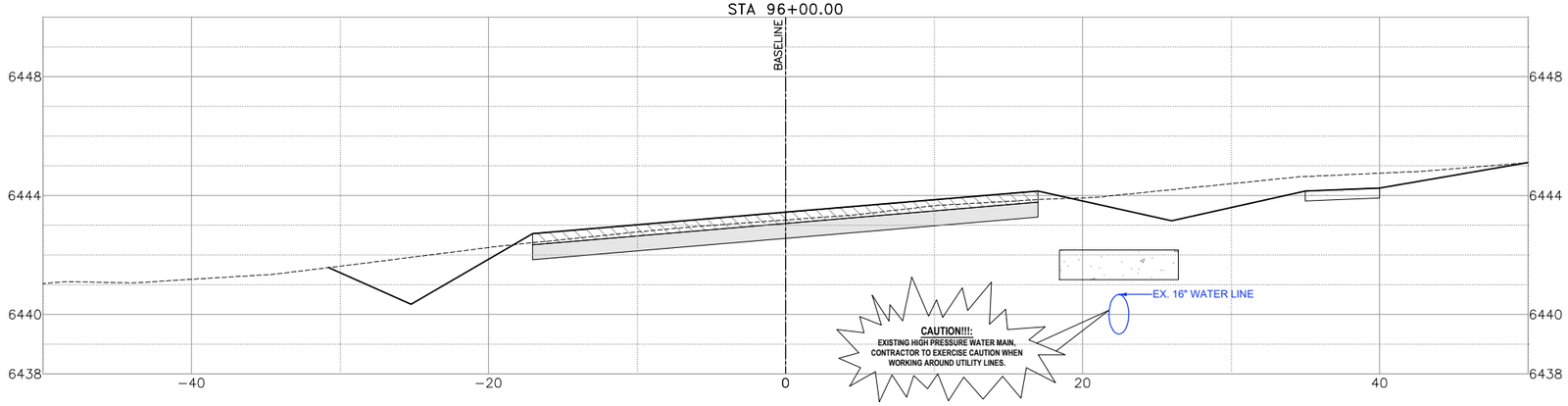
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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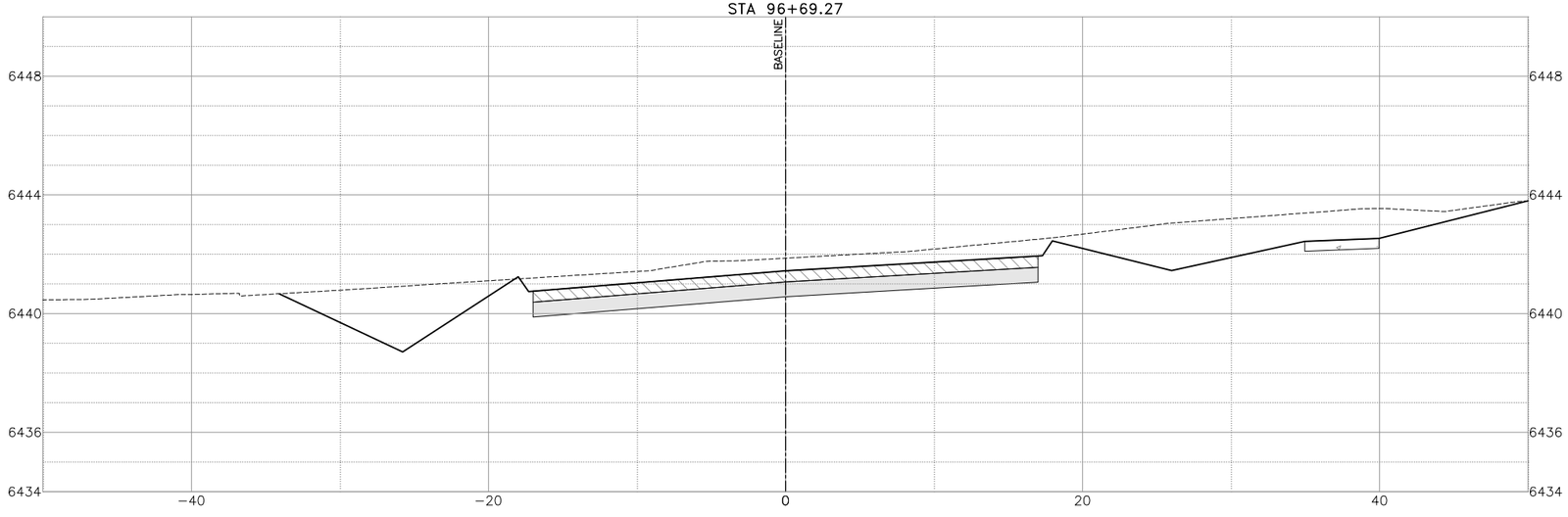
STA 95+00.00–DRIVEWAY




STA 96+00.00




STA 96+69.27




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

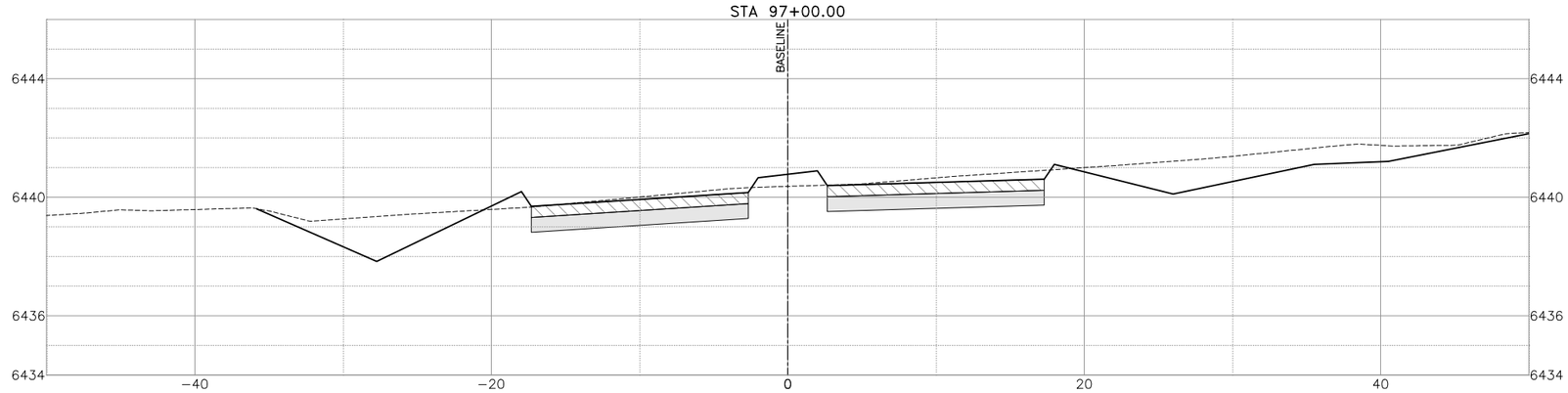
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

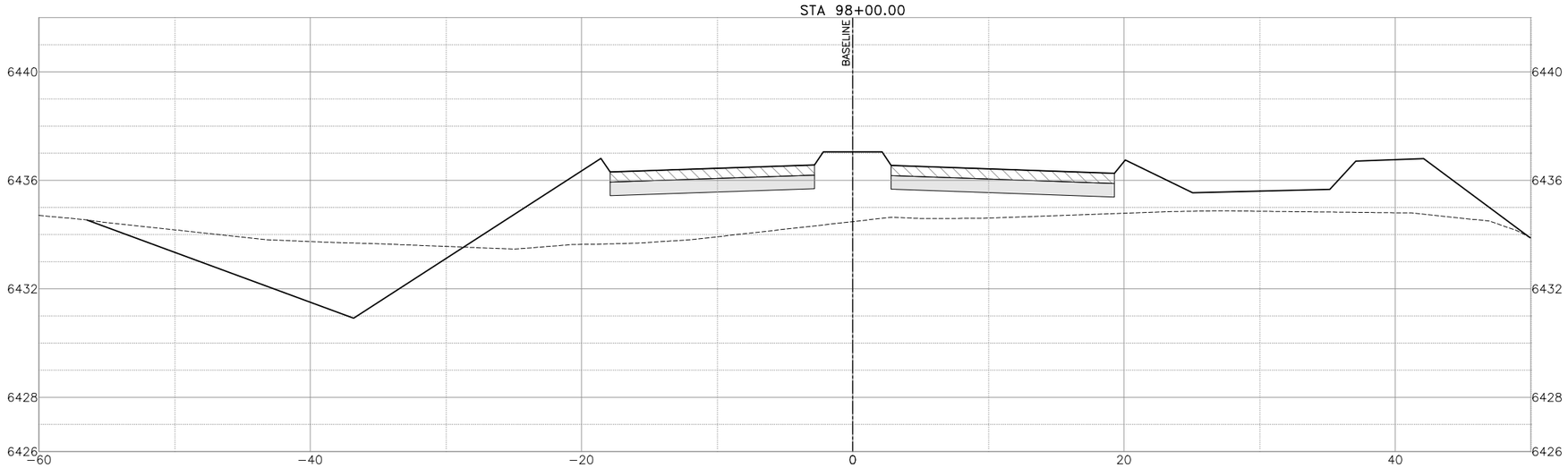
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

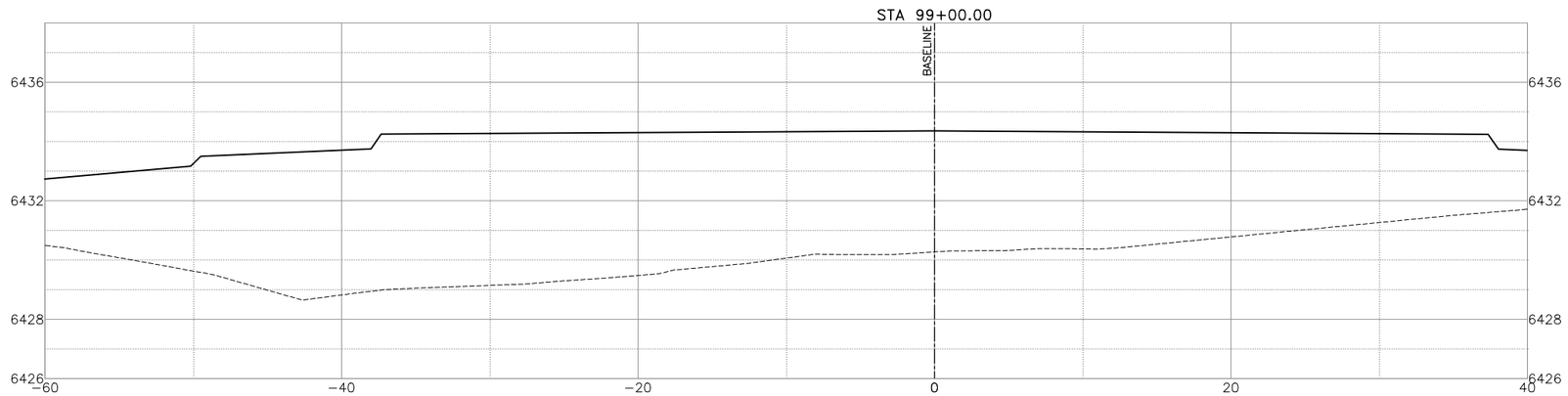
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|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 232 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

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SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-17733 | TBPLS No. 100495-00

SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

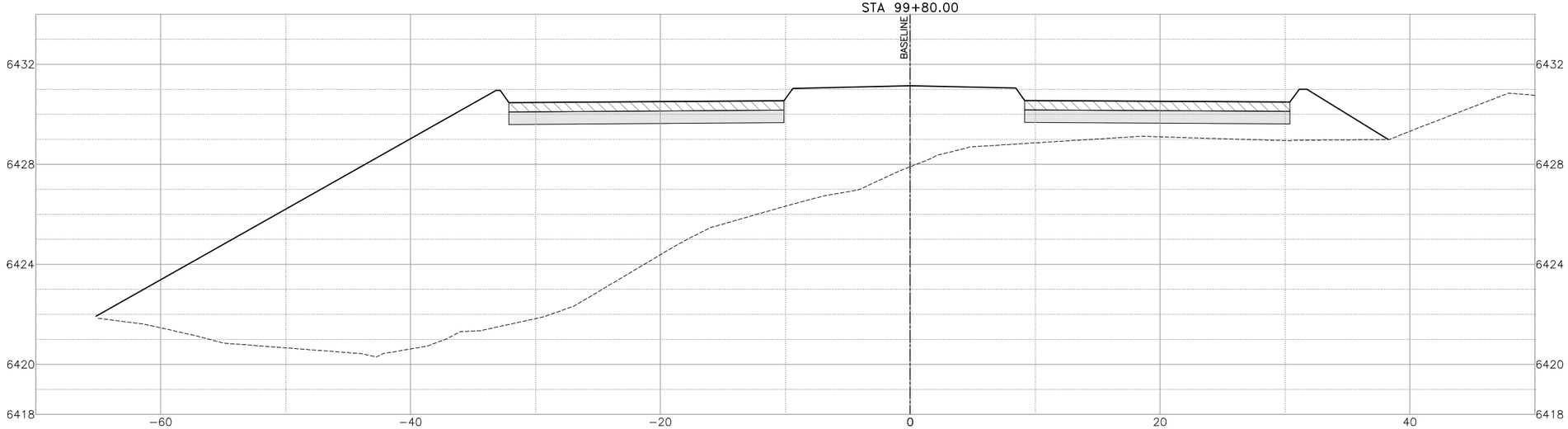
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 233 |

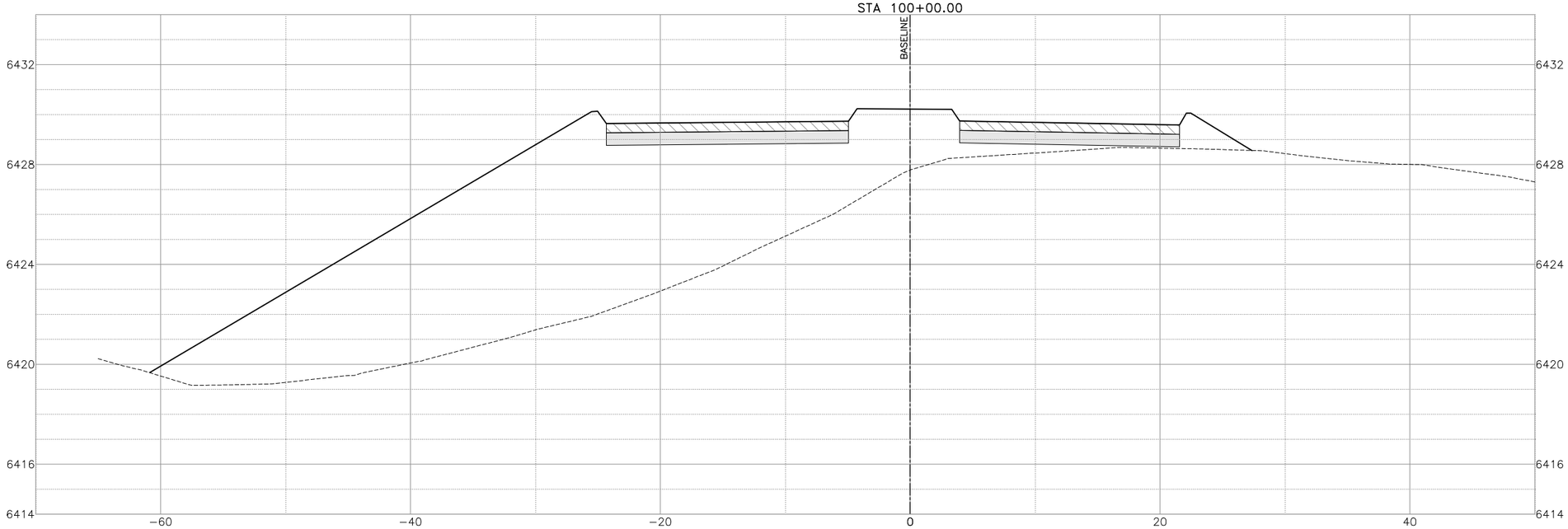
**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

PLOTTED: 05/28/2025 10:00 AM
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STA 99+80.00




STA 100+00.00




0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

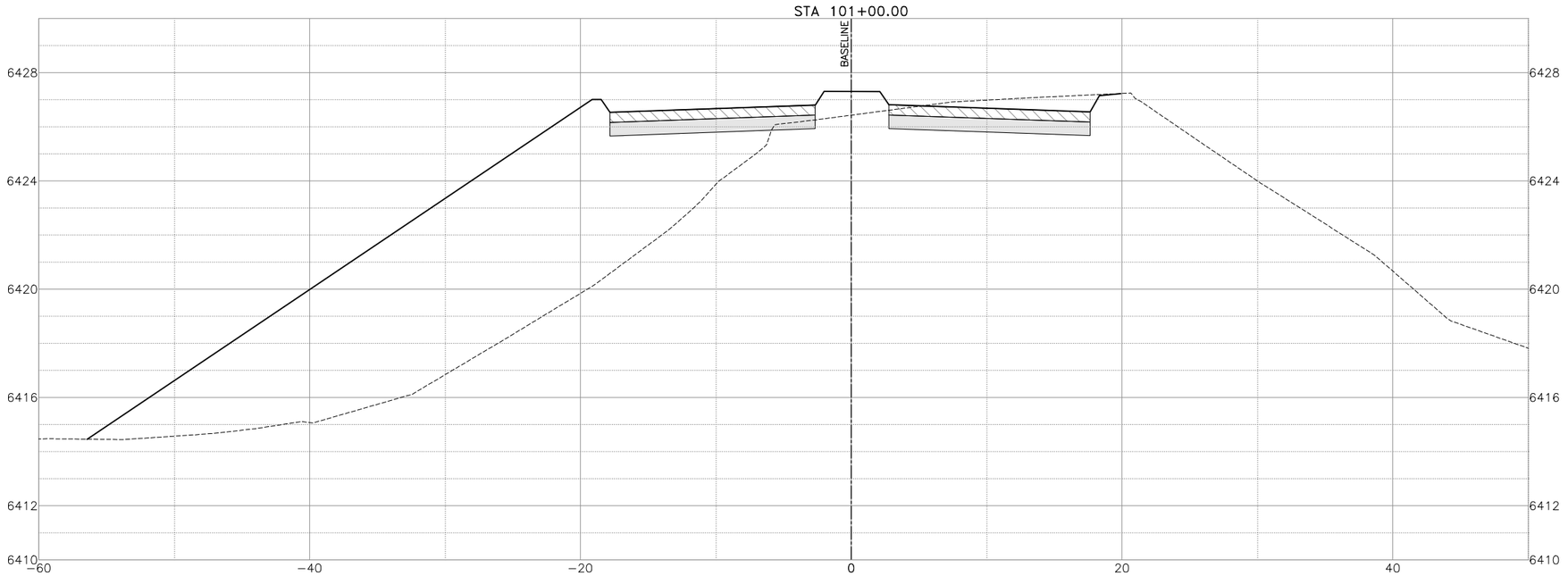
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

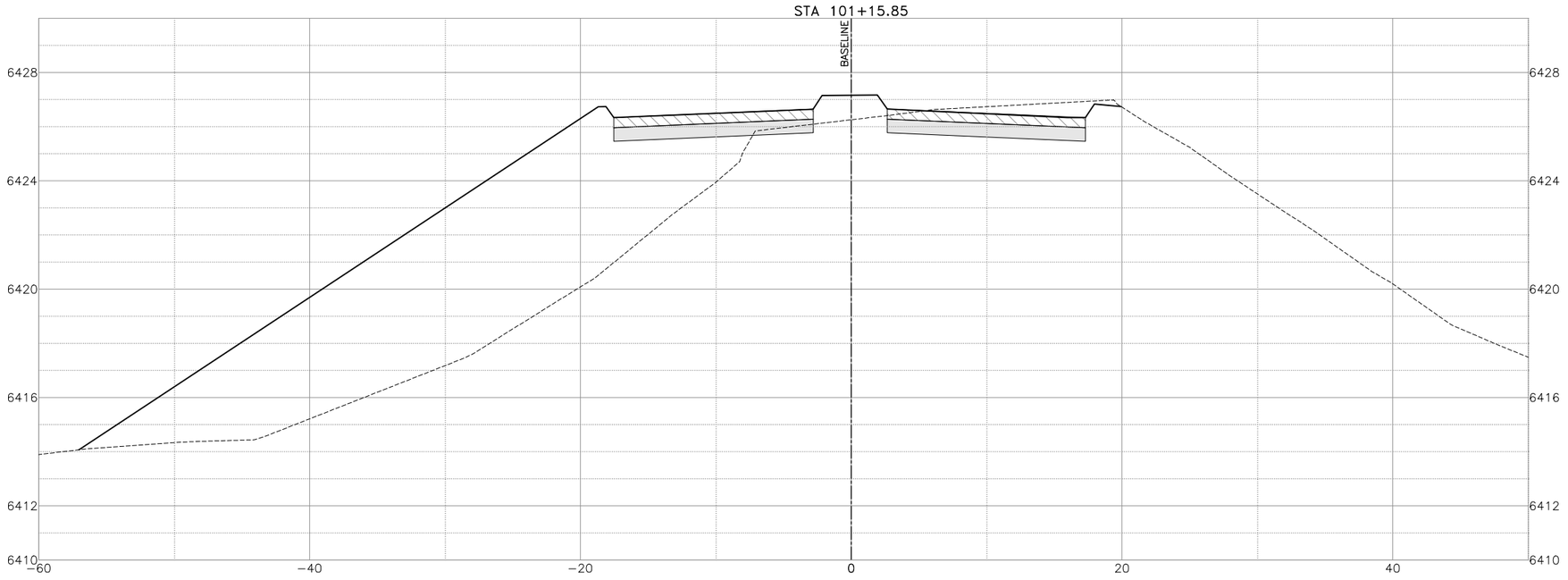
# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 234 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**

P:_JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED:05/28/2025 10:00 AM




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0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
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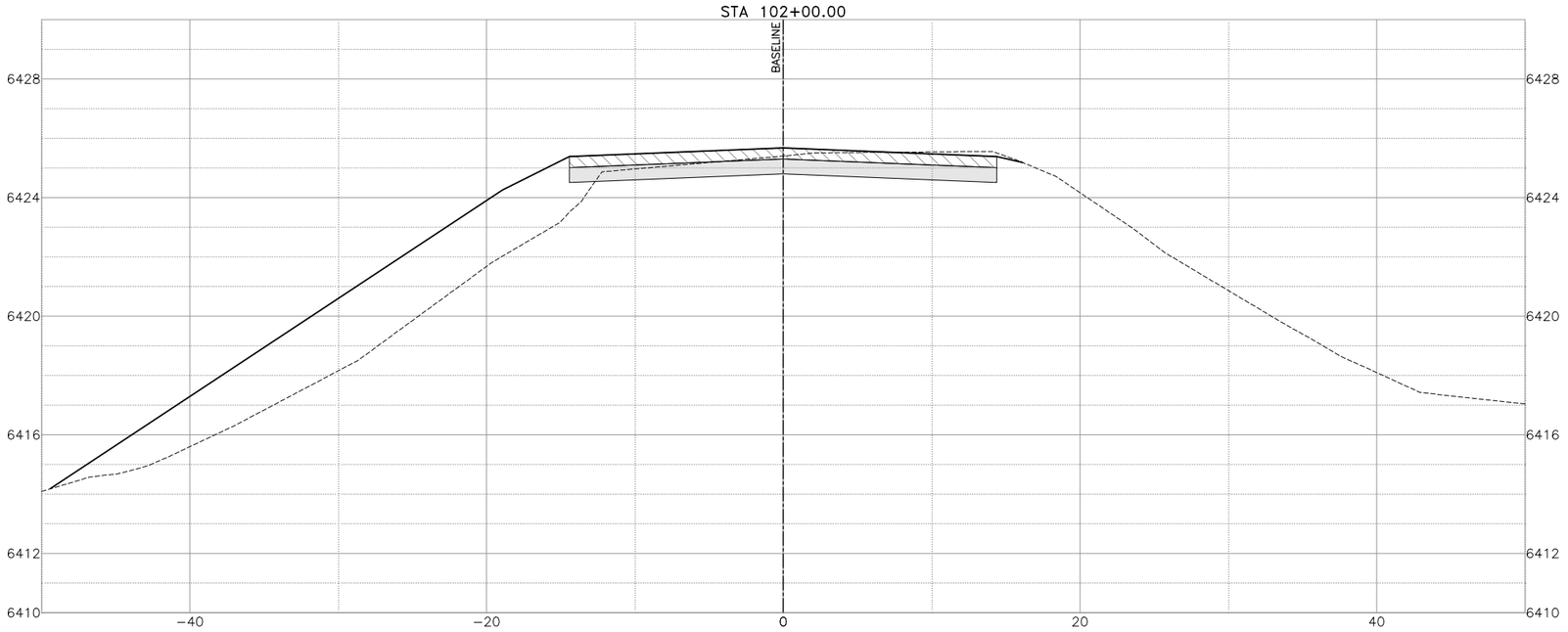
CDS muery
ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581-1111 | TBPE No. F-1733 | TBPLS No. 100495-00

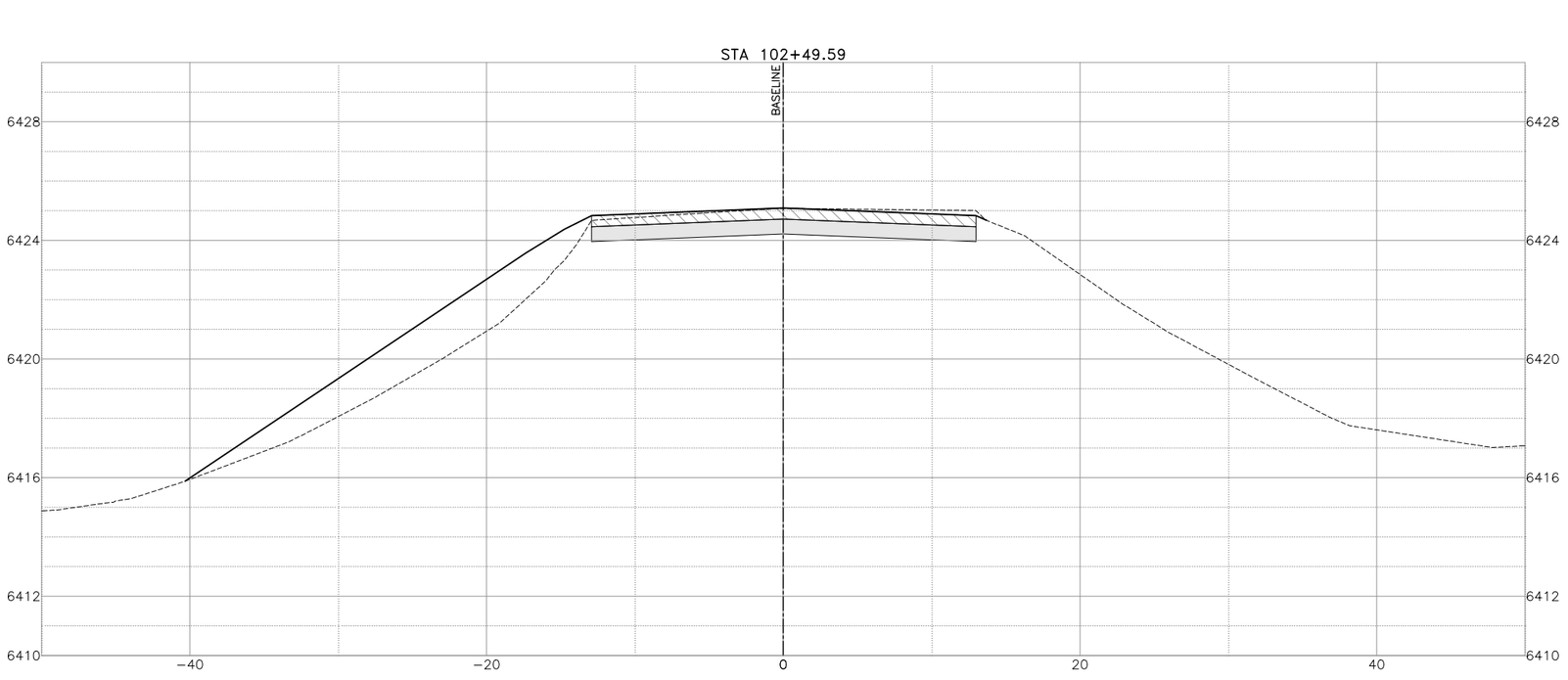
SANTA FE COUNTY PUBLIC WORKS
AVENIDA DEL SUR (WEST EXTENSION)
ROADWAY AND DRAINAGE IMPROVEMENTS

# ROADWAY CROSS SECTIONS - AVENIDA DEL SUR

| | | | |
|---|---|---|---|
| BID SUBMITTAL | PROJECT NO.: 124005 | | DATE: 05 / 28 / 2025 |
| DRWN. BY: CDSm | DSGN. BY: JER | CHKD. BY: MR | SHEET NO. 235 |

**ISSUED FOR BID - NOT APPROVED FOR CONSTRUCTION**




P:\JOBS\2024\124005 Avenida Del Sur West Extension\Civil 3D\Dwg\Engineer\124005-X-Section.dwg PLOTTED: 05/28/2025 10:00 AM

0 5' 10'
SCALE IN FEET
1"=5'

MARK ROETZEL
NEW MEXICO
29339
PROFESSIONAL ENGINEER
5/28/25

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| | | | |

CDS muery
ENGINEERS | SURVEYORS
100 NE Loop 410, Ste. 300 | San Antonio, Texas 78216
(210) 581.1111 | TBPE No. F-1733 | TBPLS No. 100495-00

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