

L=123.12'  
R=198.00'  
T=63.62'  
Δ=35°37'37"

20 PASEO ENCANTADO SW

PC: 12+05.86  
PT: 11+17.82  
PC: 10+96.39  
ST: 10+74.55

S47° 10' 43.63"W  
88.04'

L=21.43'  
R=198.00'  
T=10.72'  
Δ=6°12'04"

S40° 58' 40.09"W  
21.84'

LENGTH=270.00'  
SPI STA=9+01.70  
A=203.91  
RI = 154.00  
RO = INFINITY'

16 PASEO ENCANTADO SW

EXTEND EXISTING 2-48" CMP'S  
AND INSTALL END SECTIONS  
AND EROSION CONTROL PADS  
SEE SHEETS 8-2

21 PASEO ENCANTADO SW

S49° 06' 28.59"E  
35.15'

L=51.27'  
R=154.00'  
T=25.87'  
Δ=19°04'25"

LENGTH=270.00'  
SPI STA=6+98.98  
A=203.91  
RI = INFINITY  
RO = 154.00'

L=221.22'  
R=154.00'  
T=134.60'  
Δ=82°18'25"

Santa Fe Engineering  
Consultants, LLC

INSTALL W-BEAM 31  
GUARDRAIL, REFLECTORS,  
AND END TREATMENTS PER NMDOT  
GR31 - SUPPLEMENTAL STANDARDS  
SEE 10 SERIES SHEETS

20 VISTA REDONDA

REMOVE EXISTING CULVERT  
SEE SHEET 8-1

STATION=1+69.20  
OFFSET=11.69R  
BEGIN W-BEAM 31 GUARDRAIL  
END BURIED TERMINAL TYPE 6

S33° 11' 56.00"W  
127.61'

N: 1749635.0774  
E: 1739820.5049

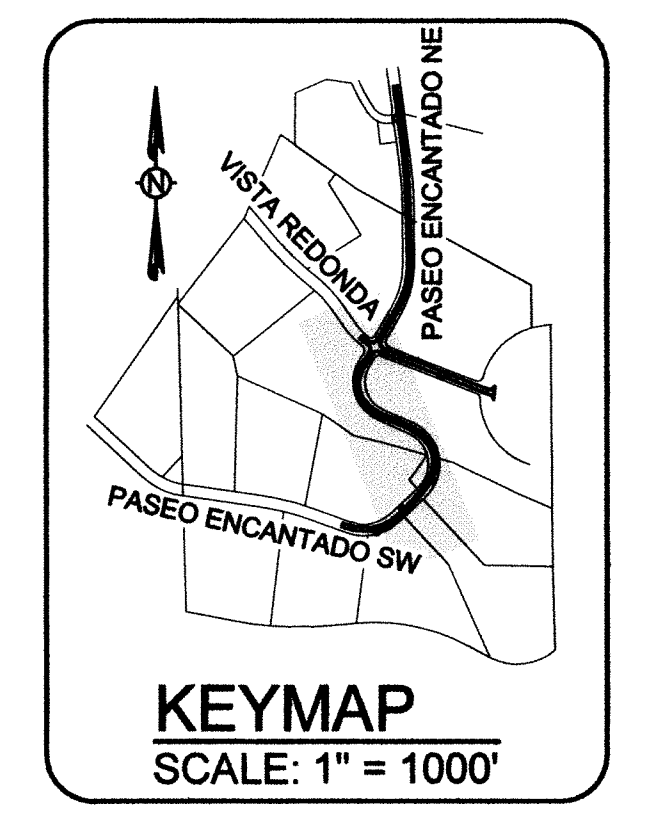
STATION=5+81.00  
OFFSET=11.31R  
END W-BEAM 31 GUARDRAIL  
BEGIN TYPE "C" END ANCHOR

LOW PT STA: 4+82.48  
LOW PT ELEV: 7107.76  
PVI STA: 3+74.98  
PVI ELEV: 7115.77

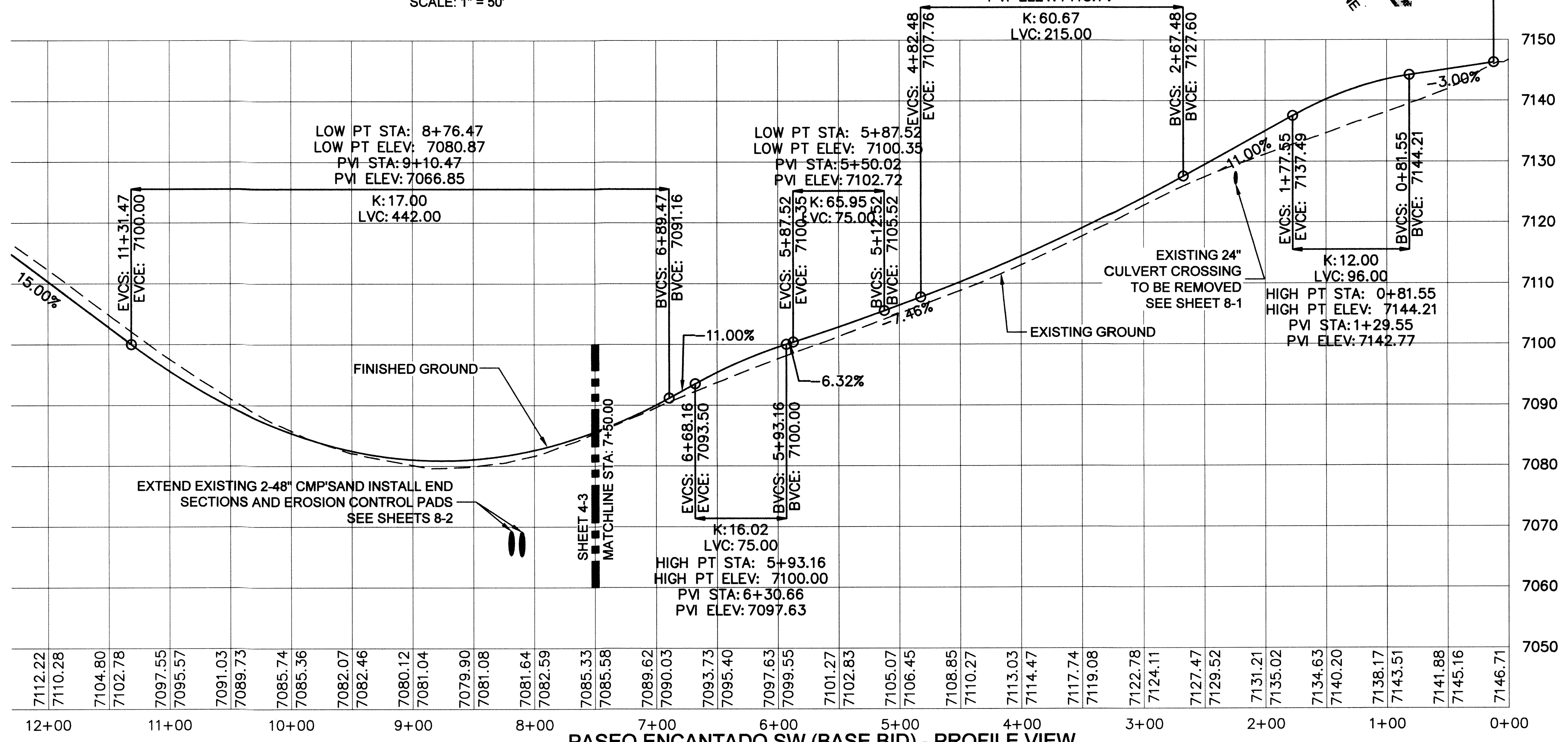
17 VISTA REDONDA

BASE BID  
ADDITIVE  
ALTERNATE

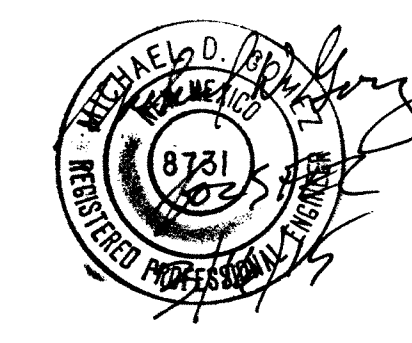
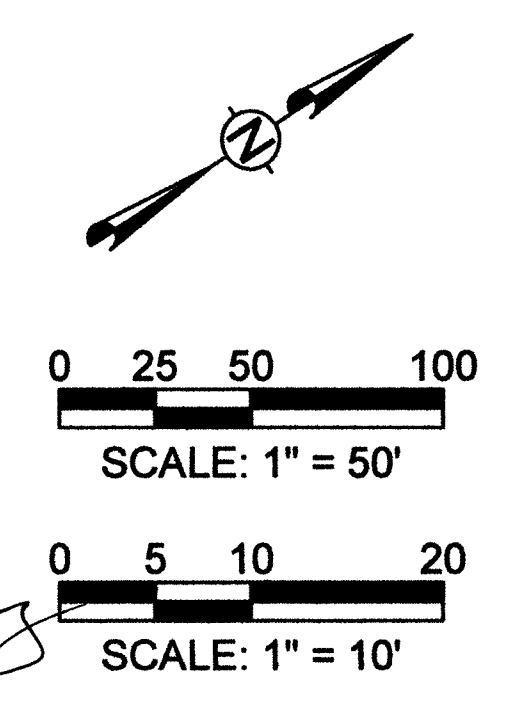
PASEO ENCANTADO SW (BASE BID) - PLAN VIEW  
SCALE: 1" = 50'




DESIGN SPEED:  
25 MPH HORIZONTAL (4% MAX SE)  
20 MPH VERTICAL



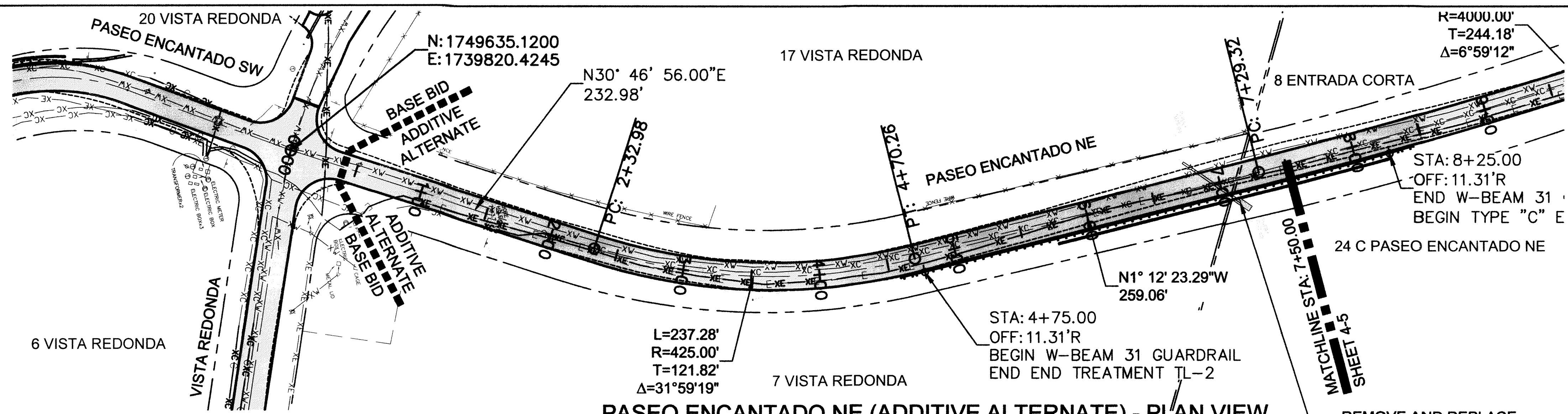
PASEO ENCANTADO SW (BASE BID) - PROFILE VIEW  
SCALE: HORIZ: 1" = 50'  
VERT: 1" = 10'



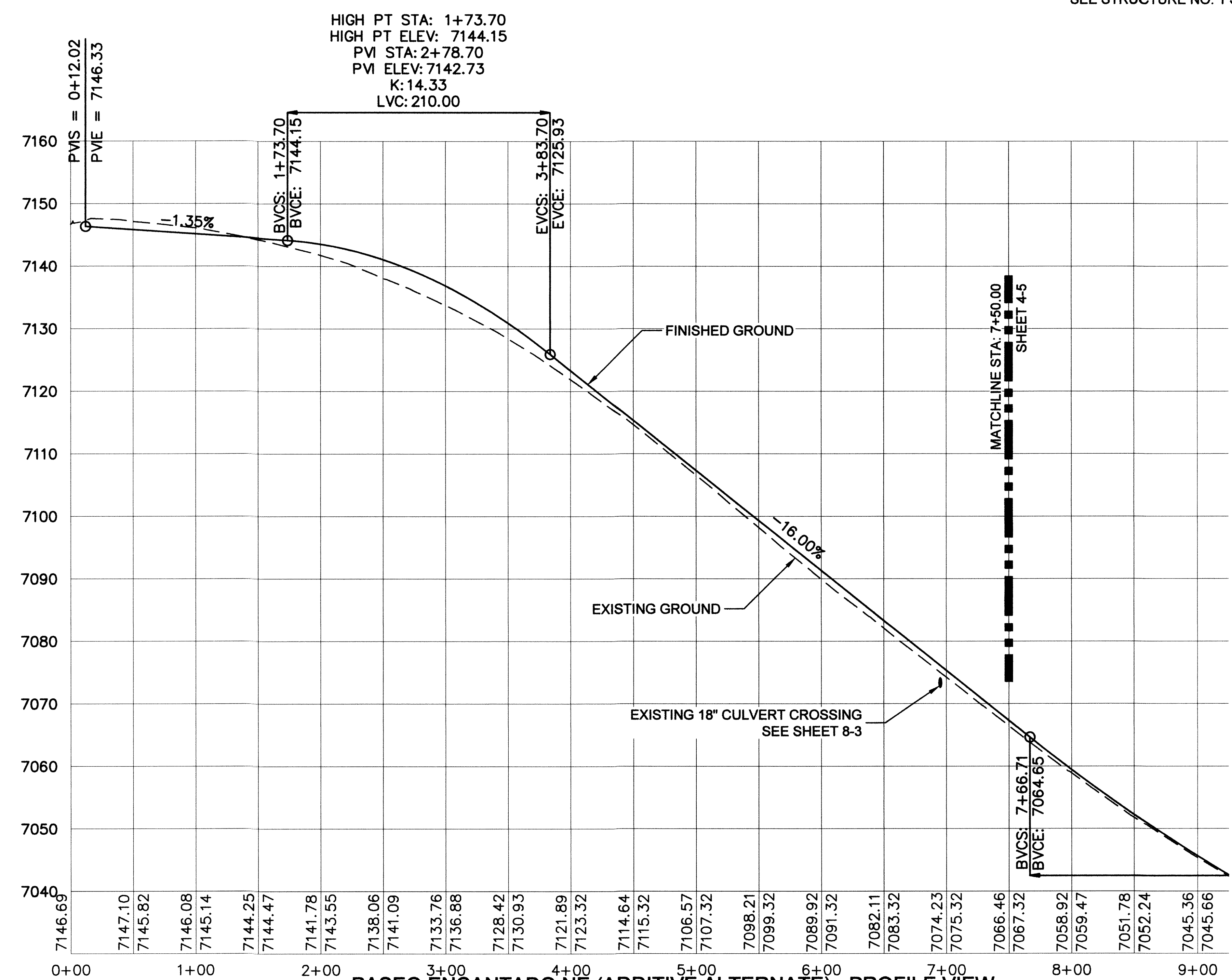
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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
			
ROADWAY IMPROVEMENT PLANS FOR VISTA REDONDA SUBDIVISION ROADS PN: 2014-6197-PW/PL 100% DESIGN			
ROADWAY PLAN AND PROFILES PASEO ENCANTADO SW (BASE BID)			
DATE: MARCH 2015	SCALE: 1" = 50'	SHEET: 4-2	







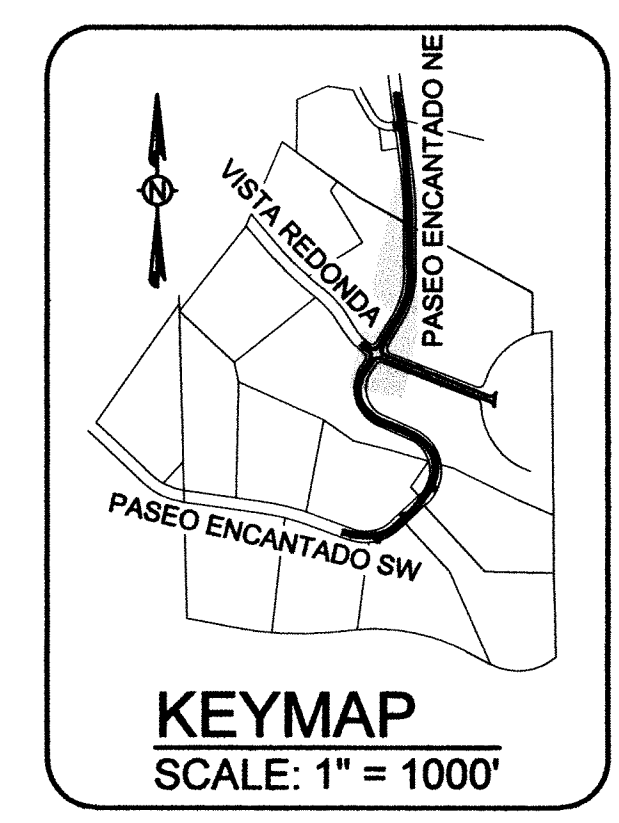
PASEO ENCANTADO NE (ADDITIVE ALTERNATE) - PLAN VIEW  
SCALE: 1" = 50'



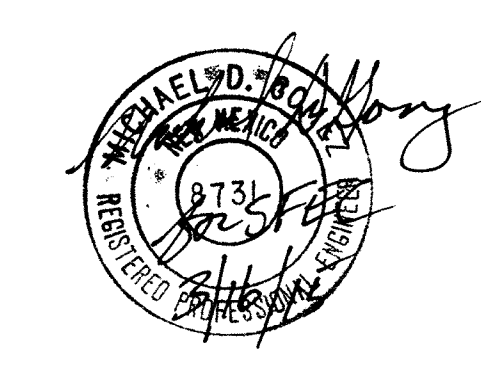
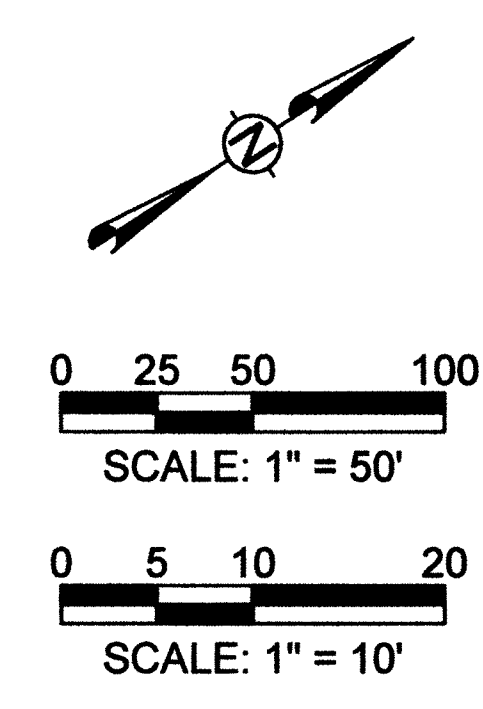
PASEO ENCANTADO NE (ADDITIVE ALTERNATE) - PROFILE VIEW  
SCALE: HORIZ: 1" = 50'  
VERT: 1" = 10'

Santa Fe Engineering  
Consultants, LLC

SANTA FE COUNTY ID# 6197	SHEET NO.
PN: 2014-6197-PW/PL	4-4



DESIGN SPEED:  
25 MPH HORIZONTAL  
25 MPH VERTICAL



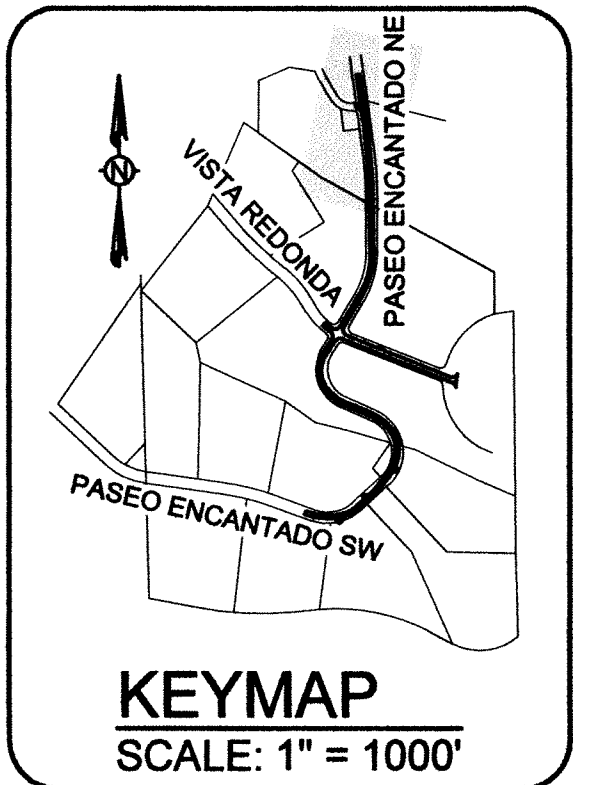
5			
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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

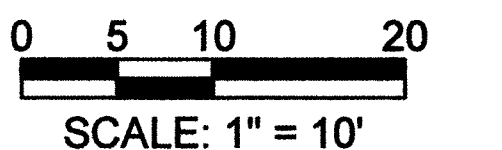
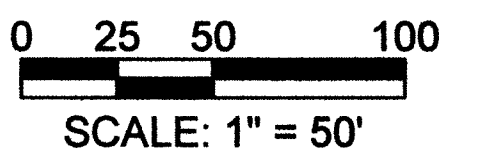
ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN  
ROADWAY PLAN AND PROFILES  
PASEO ENCANTADO NE  
(ADDITIVE ALTERNATE)

DATE: MARCH 2015	SCALE: 1" = 50'	SHEET: 4-4
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**DESIGN SPEED:**  
25 MPH HORIZONTAL  
25 MPH VERTICAL



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1			
NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)



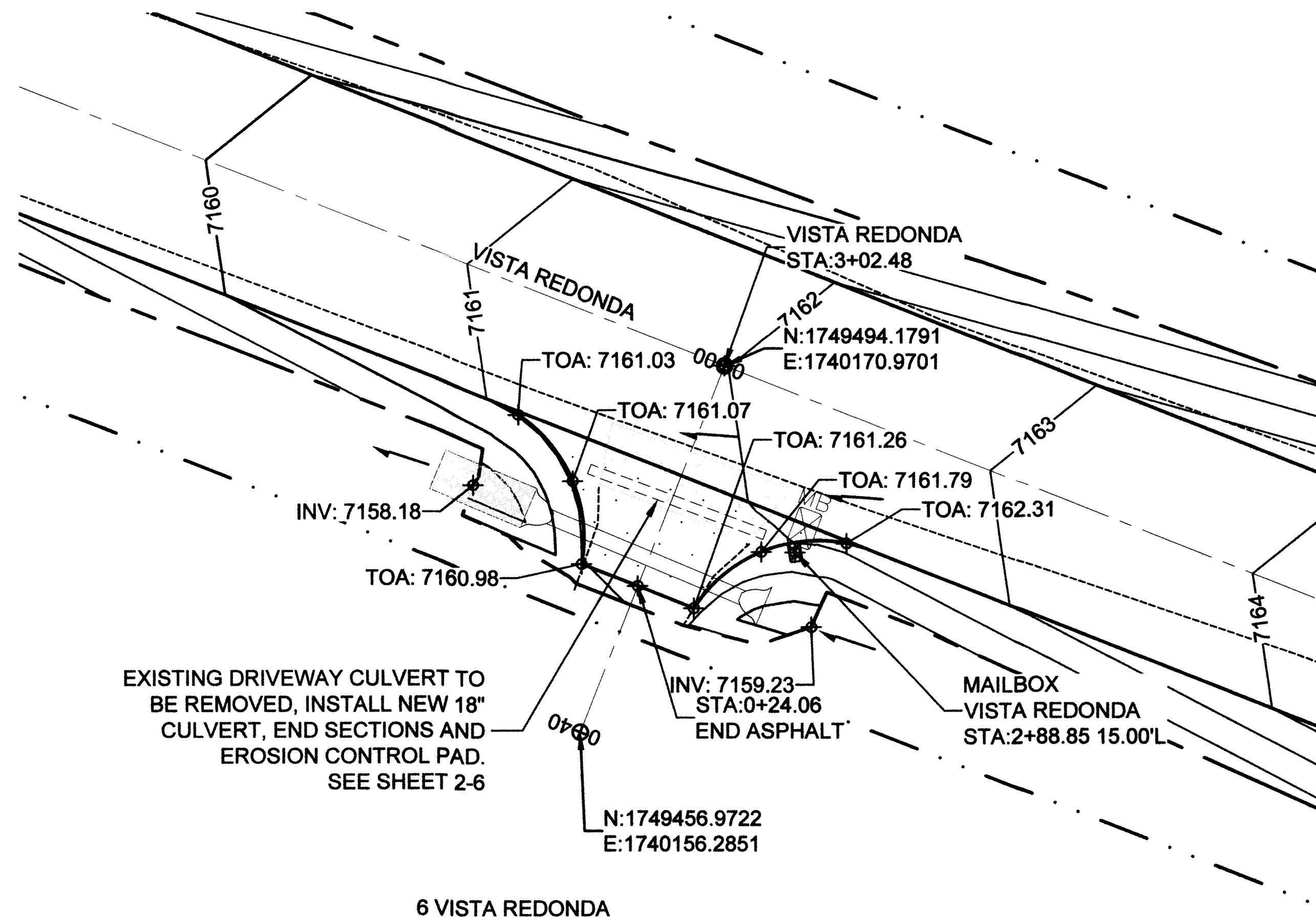
**ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN  
ROADWAY PLAN AND PROFILES  
PASEO ENCANTADO NE (CONT'D)  
(ADDITIVE ALTERNATE)**

DATE: MARCH 2015	SCALE: 1" = 50'	SHEET: 4-5
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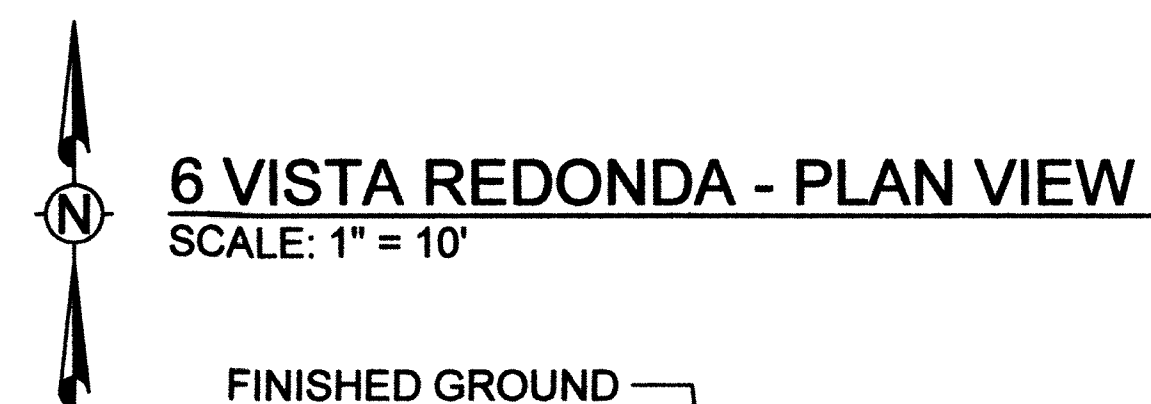




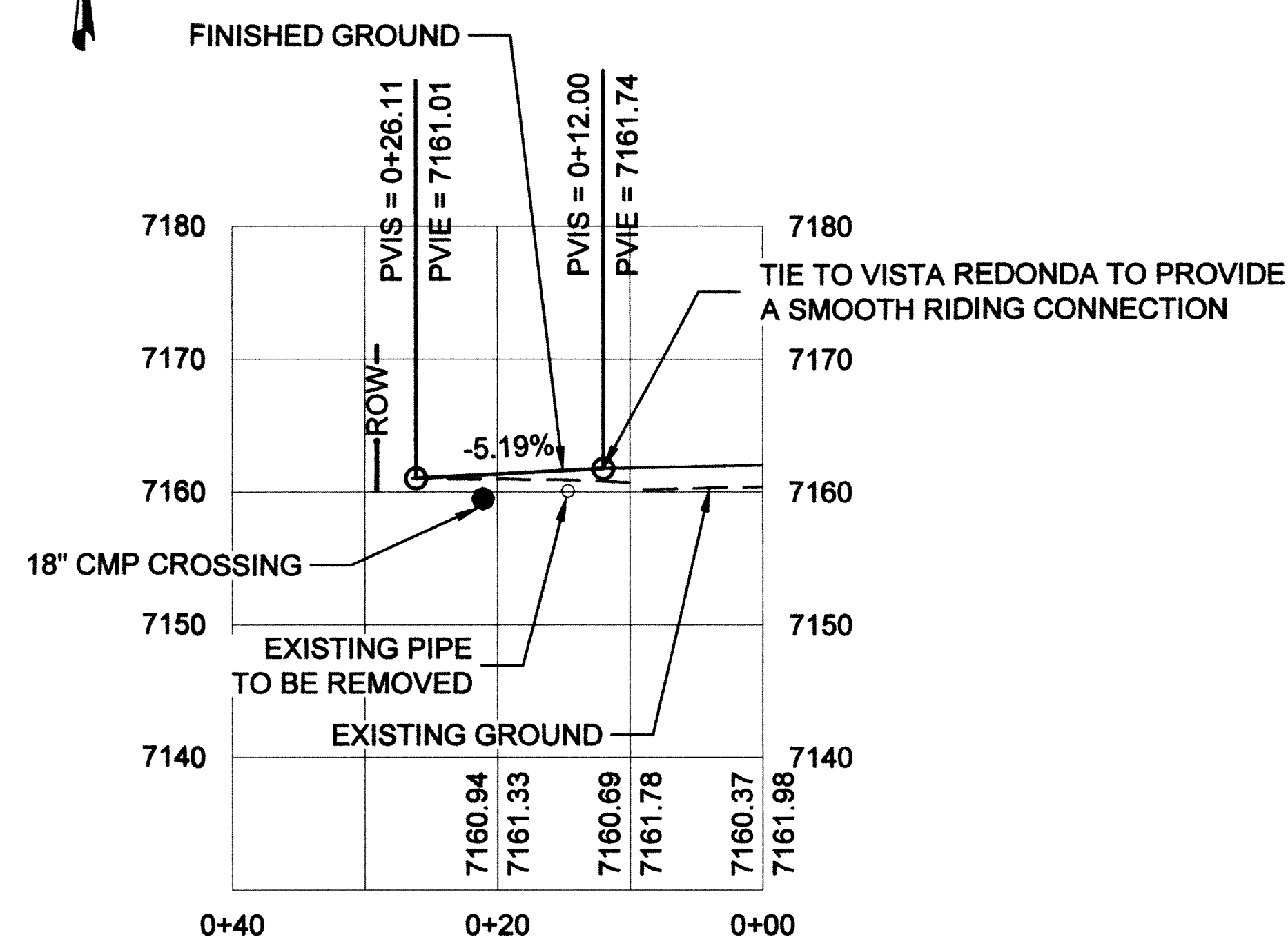
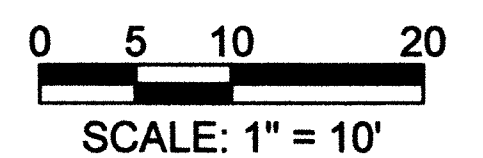
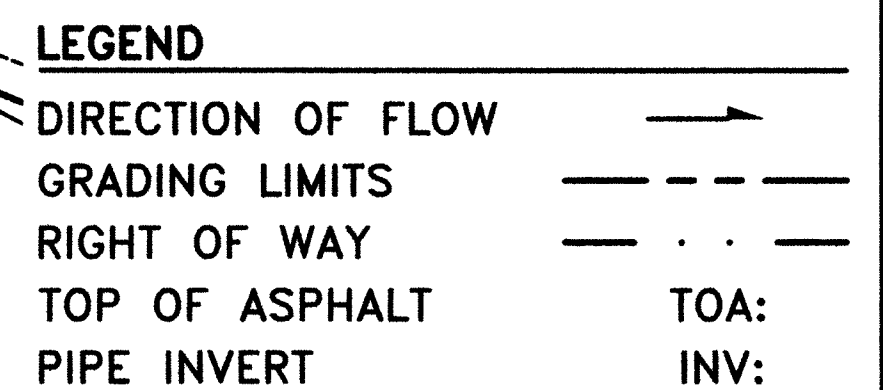




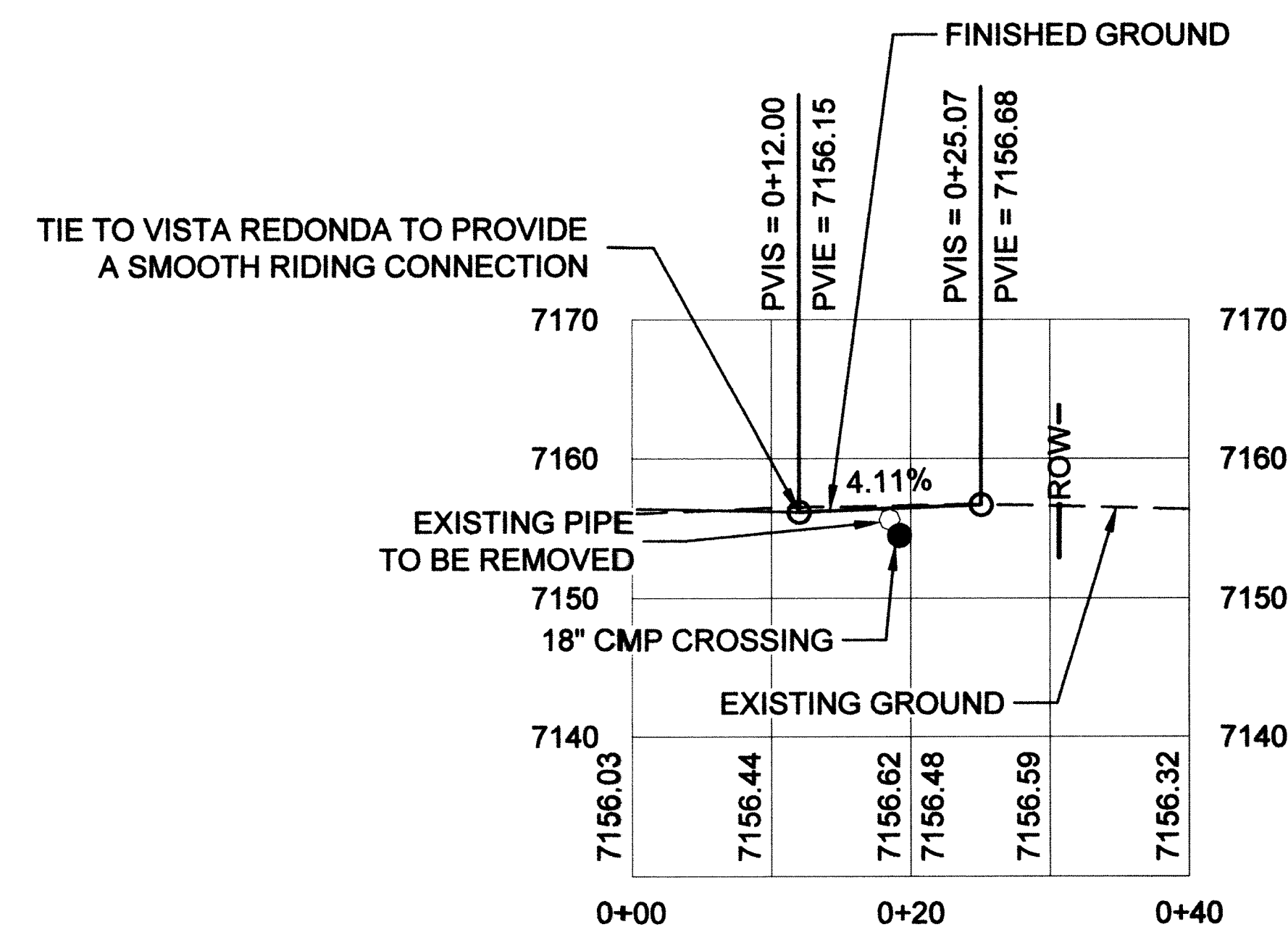
6 VISTA REDONDA



7 VISTA REDONDA - PLAN VIEW  
SCALE: 1" = 10'



6 VISTA REDONDA - PROFILE VIEW  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'



7 VISTA REDONDA - PROFILE VIEW  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'

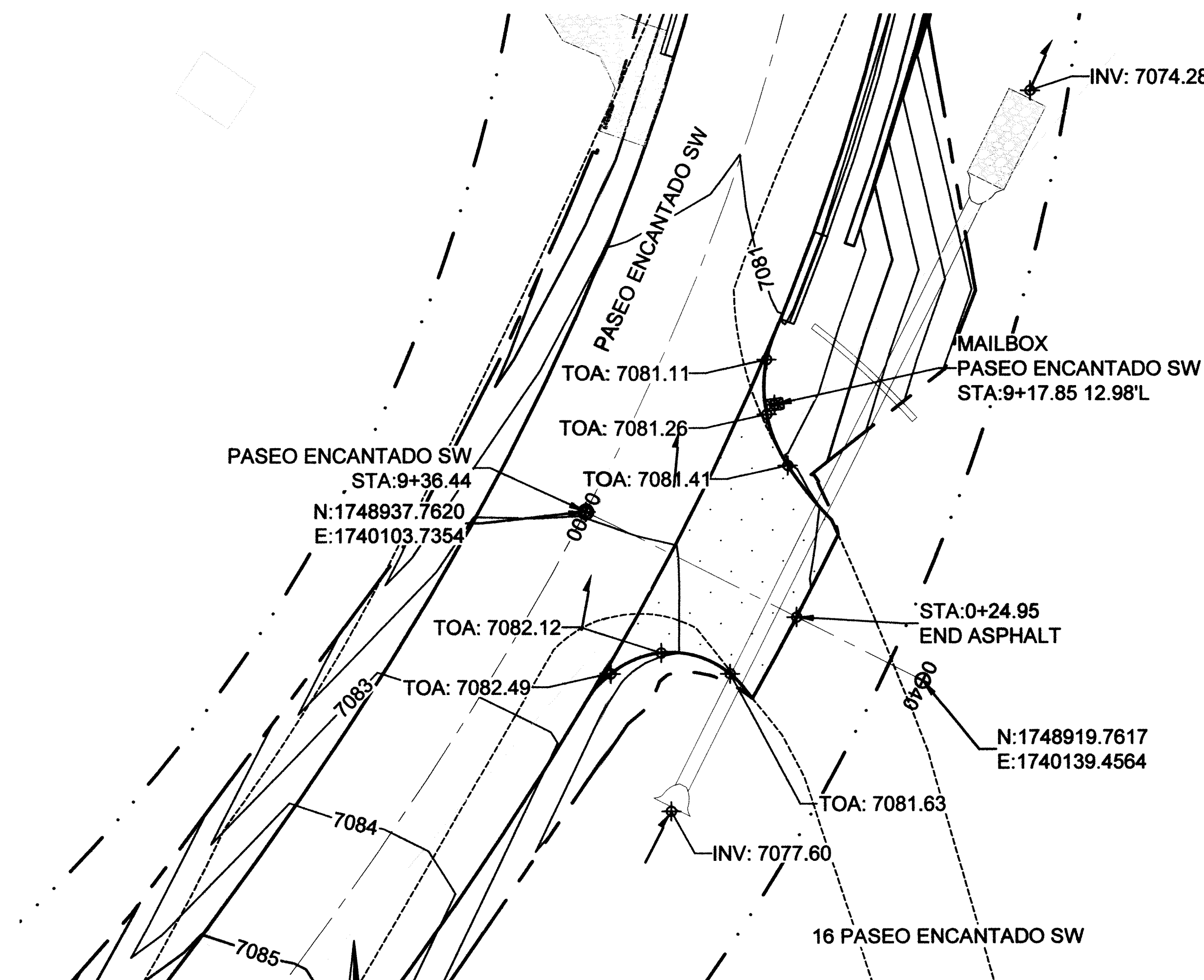
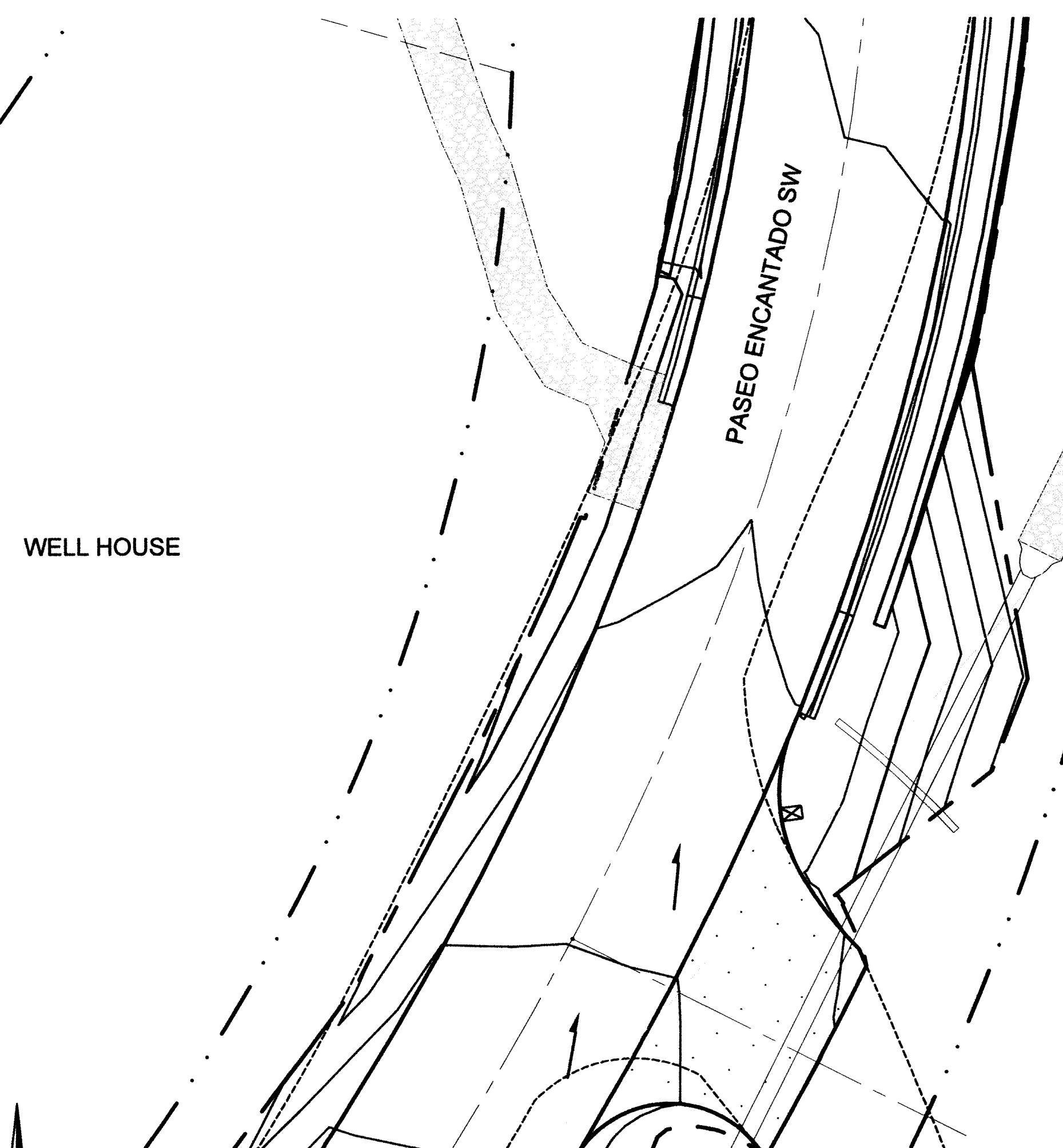
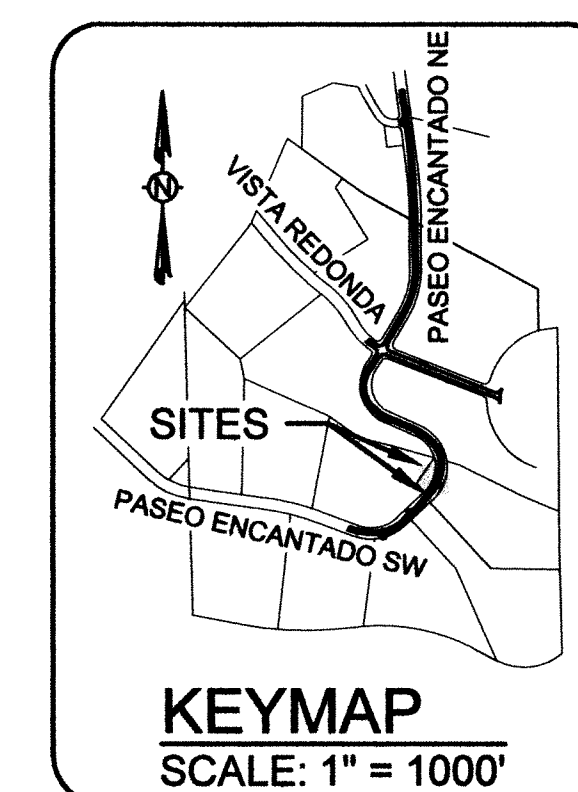
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NO.	DESCRIPTION	DATE	BY



ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

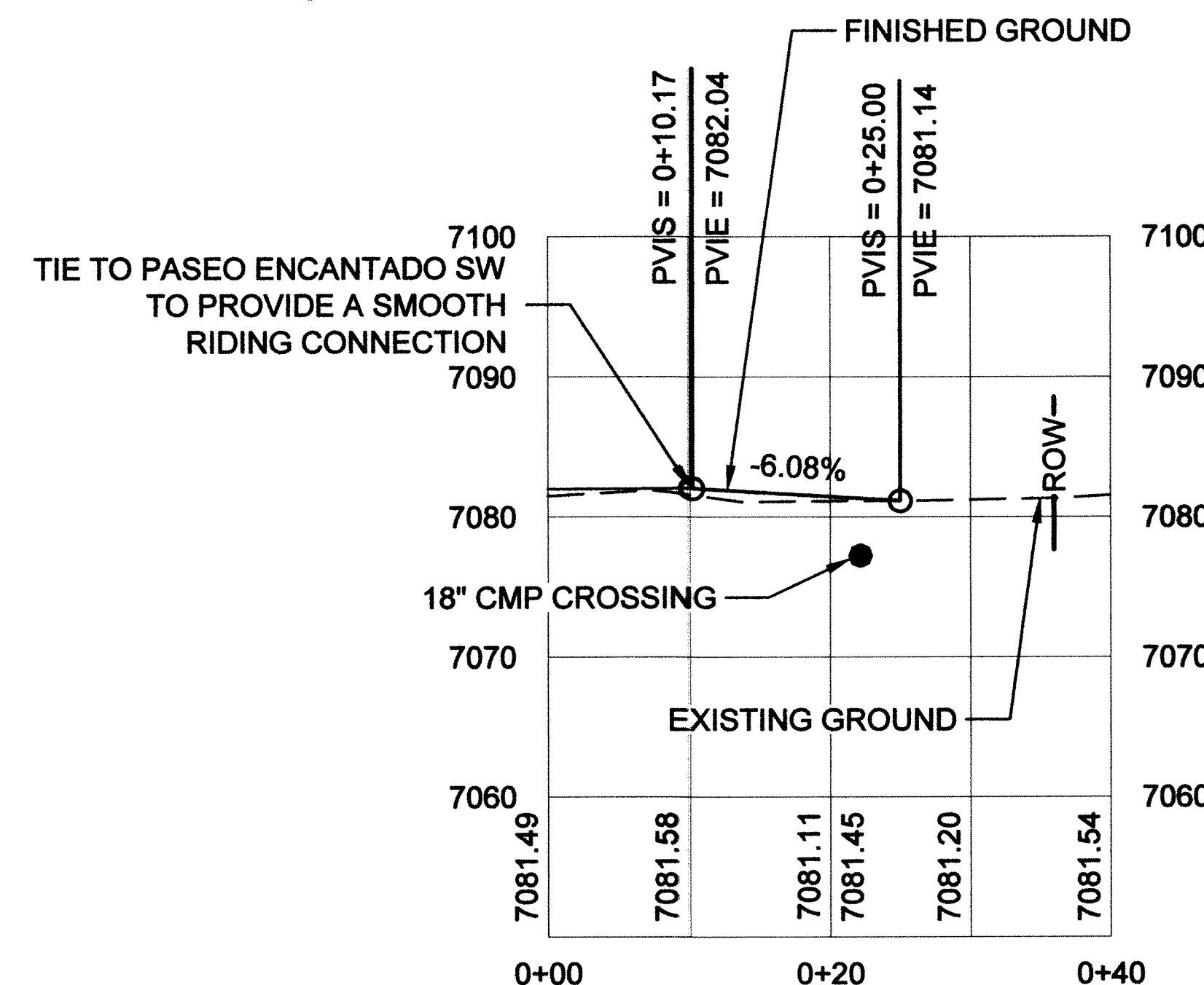
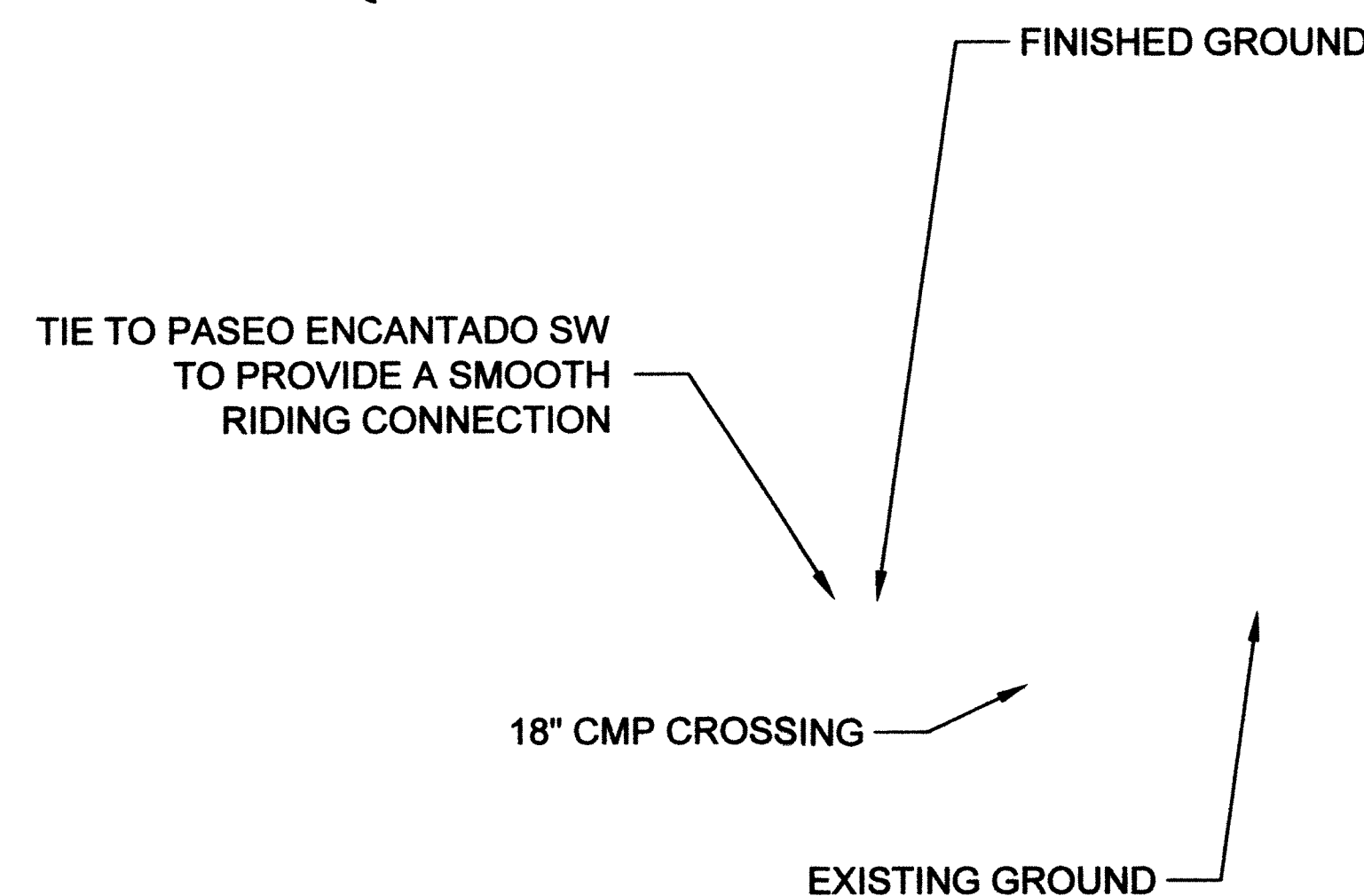
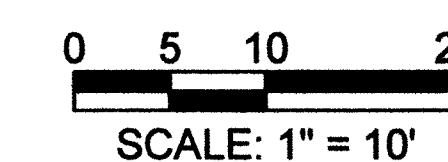
DRIVEWAY PLAN AND PROFILES  
VISTA REDONDA (BASE BID)





**LEGEND**

DIRECTION OF FLOW	→
GRADING LIMITS	---
RIGHT OF WAY	---
TOP OF ASPHALT	TOA:
PIPE INVERT	INV:



5			
4			
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2			
1			
NO.	DESCRIPTION	DATE	BY

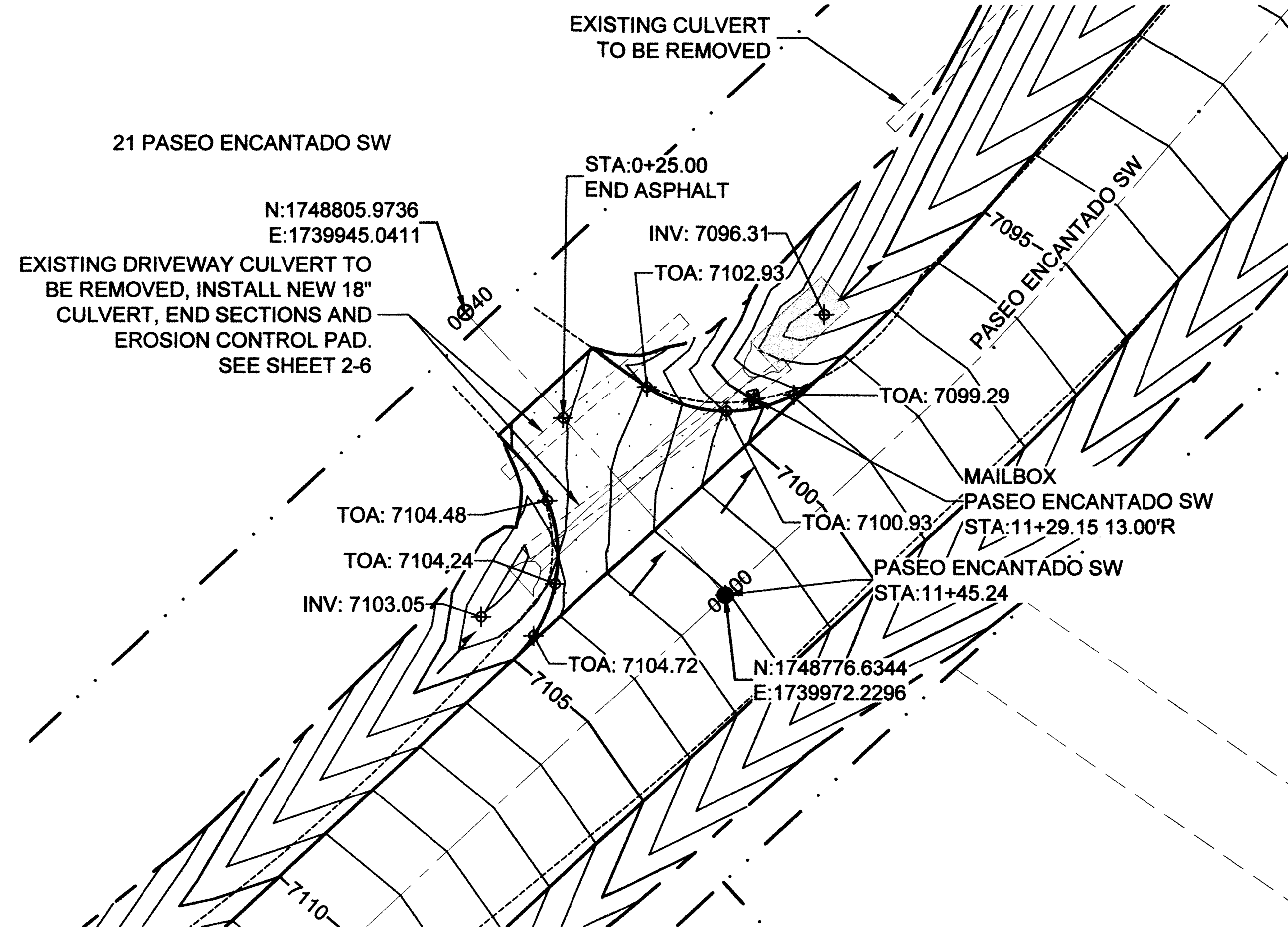
REVISIONS (OR CHANGE NOTICES)



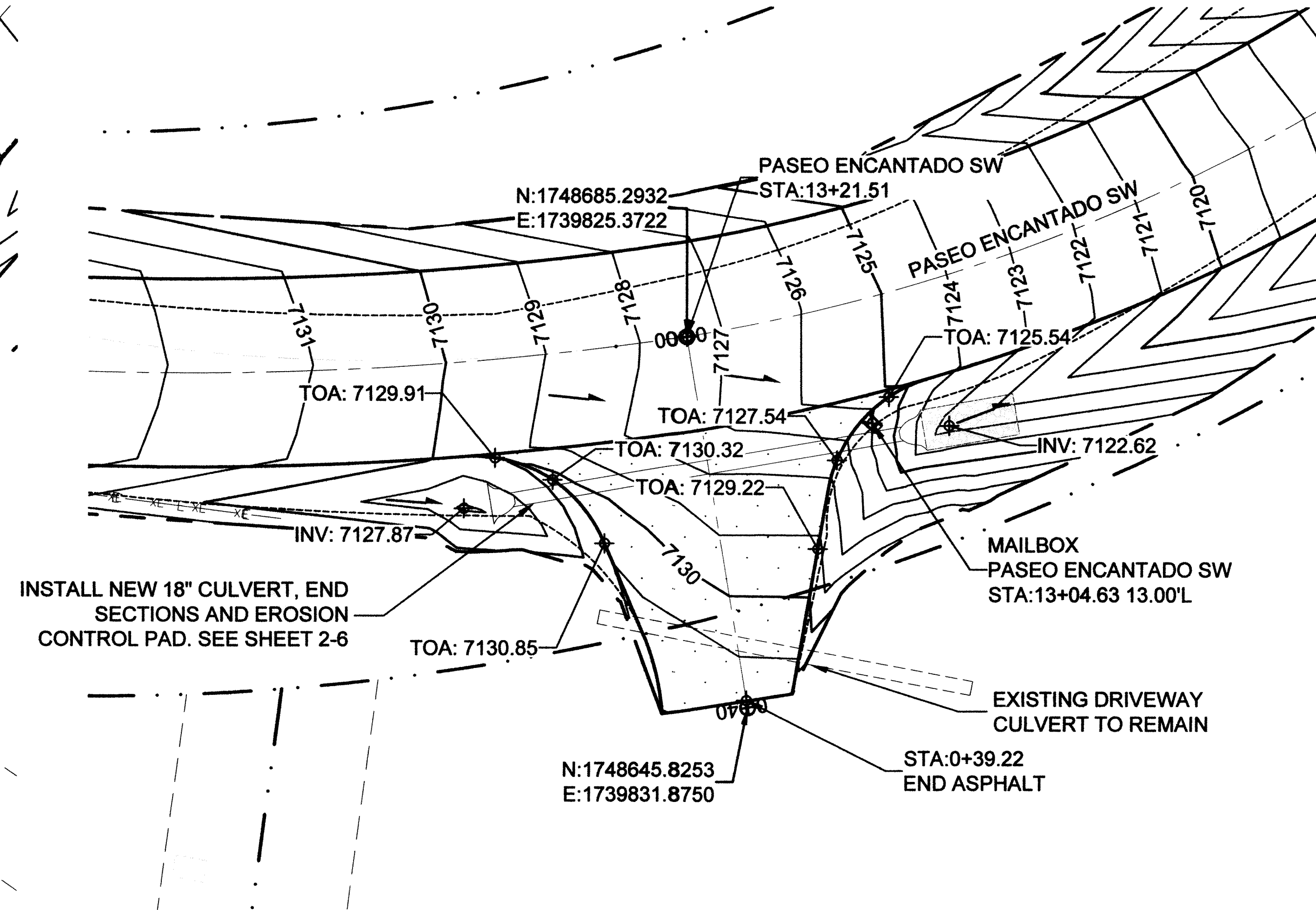
ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

DRIVEWAY PLAN AND PROFILES  
PASEO ENCANTADO SW (BASE BID)





21 PASEO ENCANTADO SW - PLAN VIEW  
SCALE: 1" = 10'



20 PASEO ENCANTADO SW - PLAN VIEW  
SCALE: 1" = 10'

**LEGEND**

DIRECTION OF FLOW →

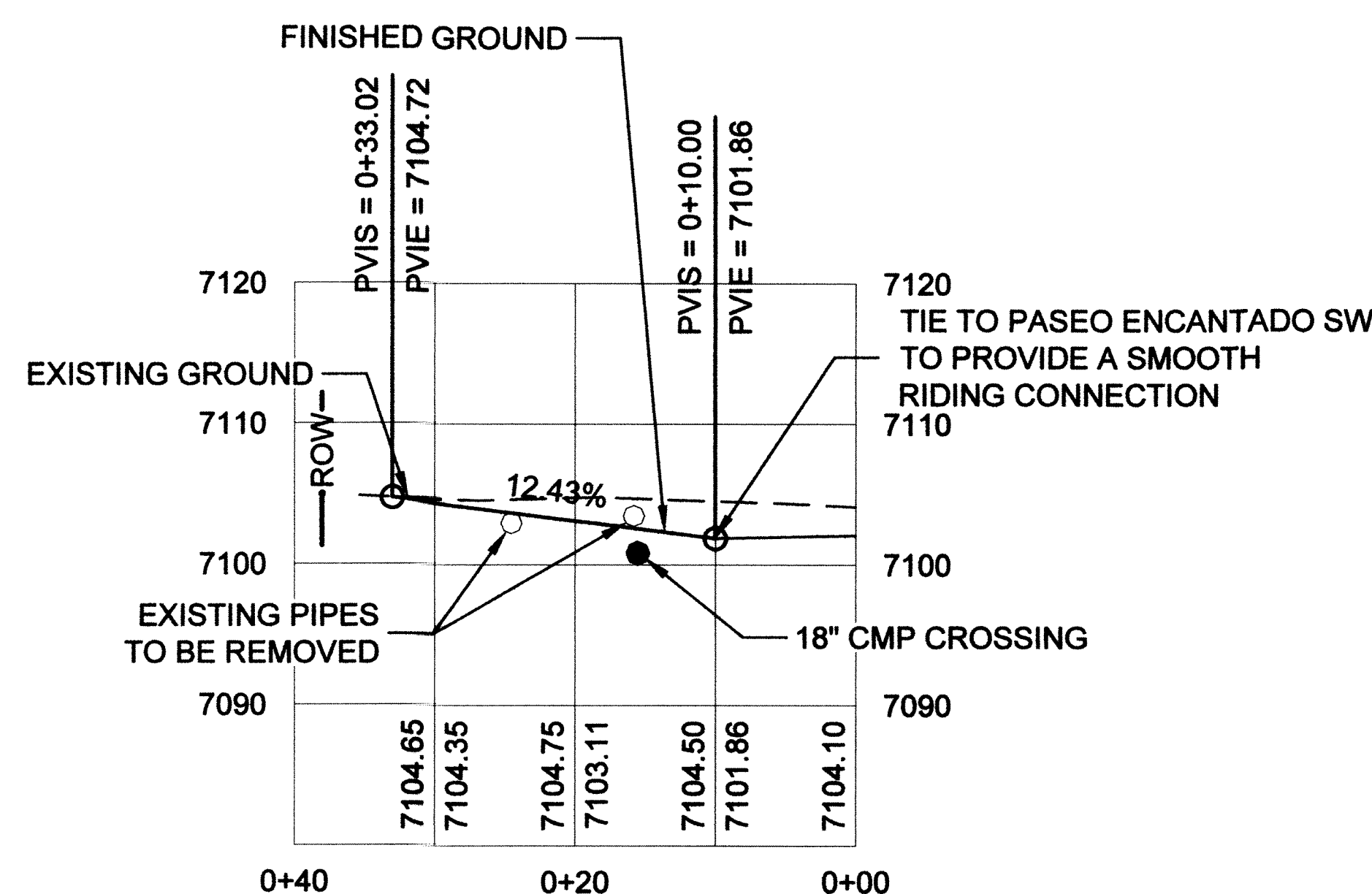
GRADING LIMITS ---

RIGHT OF WAY - - -

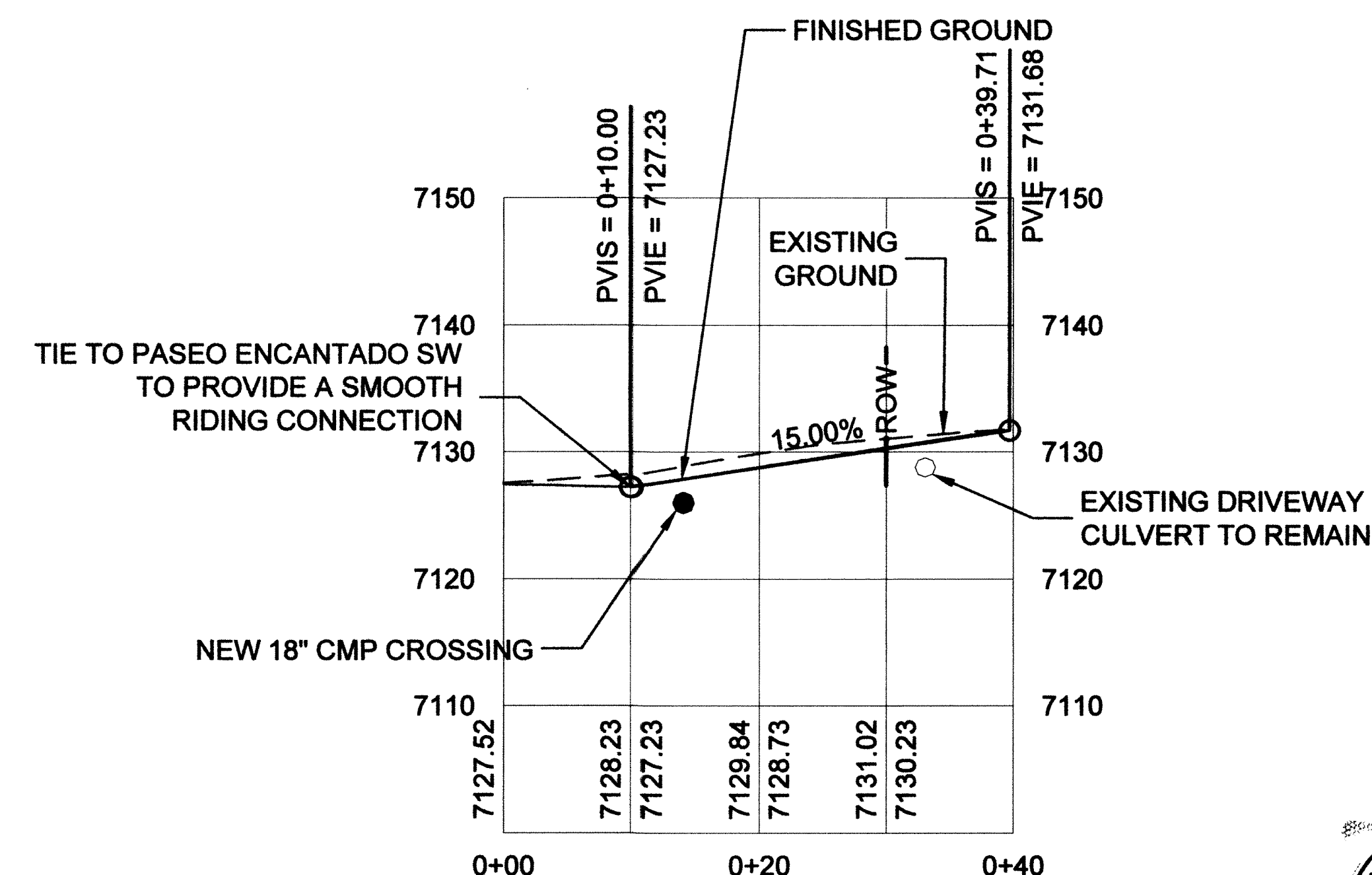
TOP OF ASPHALT TOA:

PIPE INVERT INV:

0 5 10 20  
SCALE: 1" = 10'



21 PASEO ENCANTADO SW - PROFILE VIEW  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'



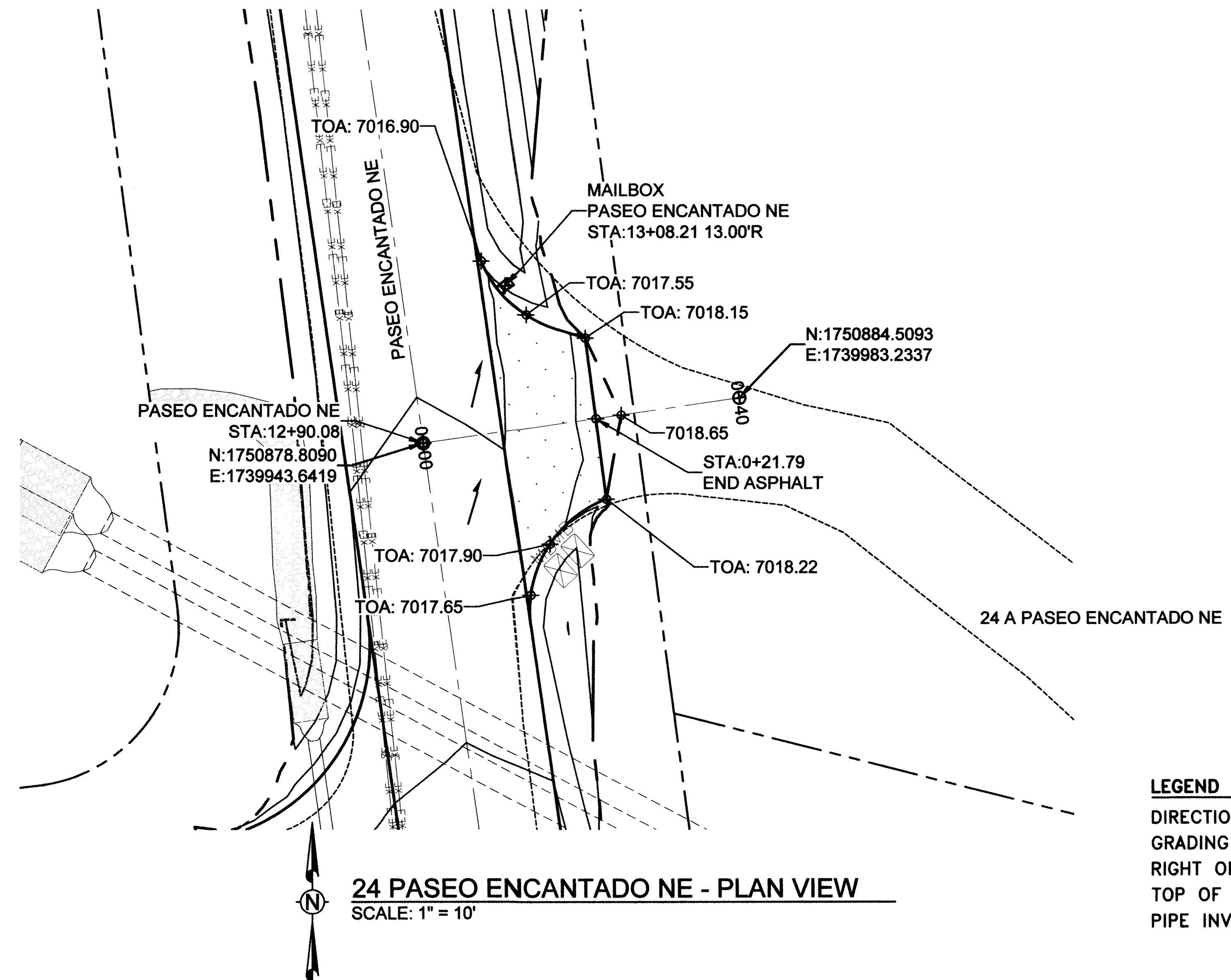
20 PASEO ENCANTADO SW - PROFILE VIEW  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'

NO.	DESCRIPTION	DATE	BY
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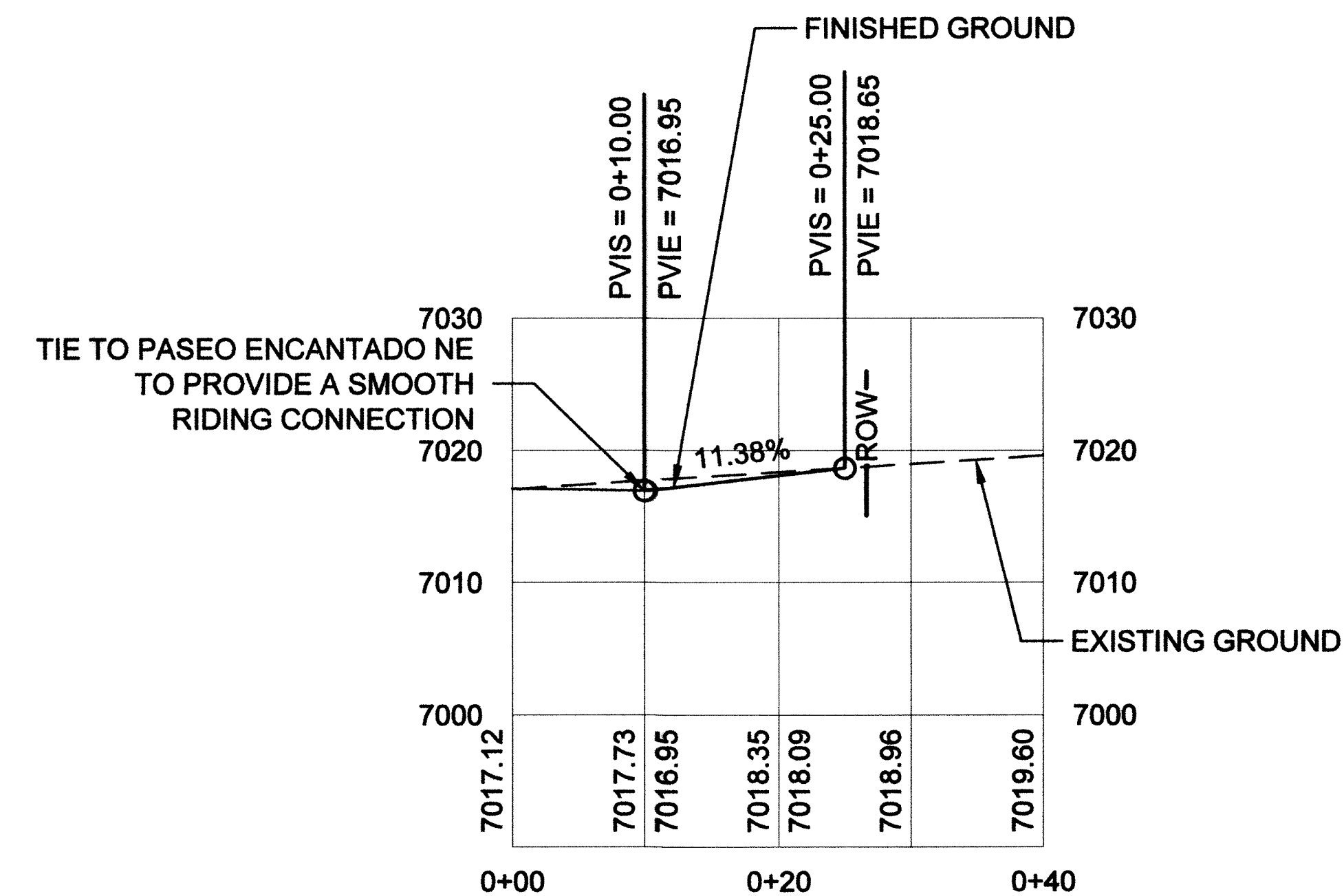
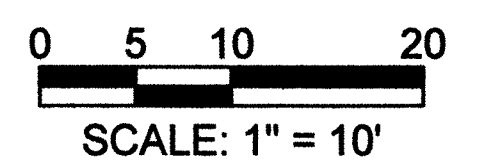
ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN  
DRIVEWAY PLAN AND PROFILES  
PASEO ENCANTADO SW (BASE BID)  
(CONT'D)





**LEGEND**

DIRECTION OF FLOW	→
GRADING LIMITS	---
RIGHT OF WAY	- . -
TOP OF ASPHALT	TOA:
PIPE INVERT	INV:



5			
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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)



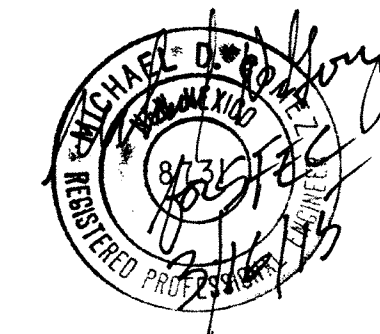
ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

DRIVEWAY PLAN AND PROFILES  
PASEO ENCANTADO NE  
(ADDITIVE ALTERNATE)

DATE:  
MARCH 2015

SCALE:  
1" = 10'

SHEET:  
4-10



UTILITY CONTACT INFORMATION

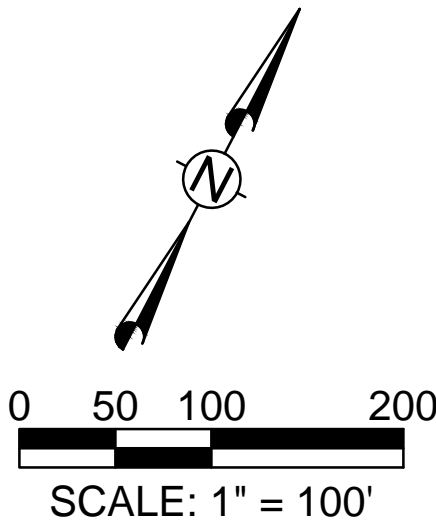
COMPANY	CONTACT	PHONE NUMBER
VISTA REDONDA MUTUAL DOMESTIC WATER CONSUMERS ASSOCIATION	JACK MILLER	(505) 982-1587
PNM	DON FERRIS	(505) 473-3279
CENTURY LINK	LORENZO LUJAN	(505) 425-9345
COMCAST	DAVID AIKIN	(505) 474-7886

LEGEND:

- XE—XE— DENOTES SURVEYED ELECTRIC LINE
- XC—XC— DENOTES SURVEYED COMMUNICATION LINE
- XE—XE— DENOTES ASSUMED ELECTRIC LINE
- XC—XC— DENOTES ASSUMED COMMUNICATION LINE
- XW—XW— DENOTES ASSUMED WATERLINE

NOTES:

- THE EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS HAVE BEEN COMPILED FROM MULTIPLE SOURCES, INCLUDING UTILITY LOCATES, POTHOLE LOCATIONS, FIELD SURVEYS (AS COMPILED BY DAWSON SURVEYS, AND DATA PROVIDED BY THE VISTA REDONDA MUTUAL DOMESTIC WATER CONSUMERS ASSOCIATION SEE SHEET SERIES 3).
- SOME AREAS OF POTENTIAL CONFLICT BETWEEN UTILITIES AND PROPOSED CONSTRUCTION HAVE BEEN OUTLINED ON THESE PLANS. THE CONFLICTING UTILITIES AND SERVICES WITHIN THE RIGHT OF WAY WILL BE RELOCATED BY THE RESPECTIVE UTILITY COMPANY PRIOR TO CONSTRUCTION AS PER SANTA FE COUNTY ORDINANCE 2003-1.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND POTHOLE ANY POTENTIAL UTILITY CONFLICTS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO PUBLIC OR PRIVATE PROPERTY, INCLUDING UTILITIES.
- ANY GRADING ACTIVITIES EXTENDING INTO UTILITY EASEMENTS WILL REQUIRE POTHOLING BY THE CONTRACTOR TO VERIFY ADEQUATE DEPTHS OF COVER ARE MAINTAINED.
- ANY SCHEDULED OUTAGES OR MODIFICATIONS TO UTILITIES REQUIRE COORDINATION WITH THE RESPECTIVE UTILITY COMPANY.



THIS SHEET IS SHOWN  
FOR REFERENCE ONLY  
RELOCATIONS ARE TO BE  
DONE BY OTHERS

OVERALL SITE UTILITIES  
SCALE: 1" = 100'

5			
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1			
NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)



ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

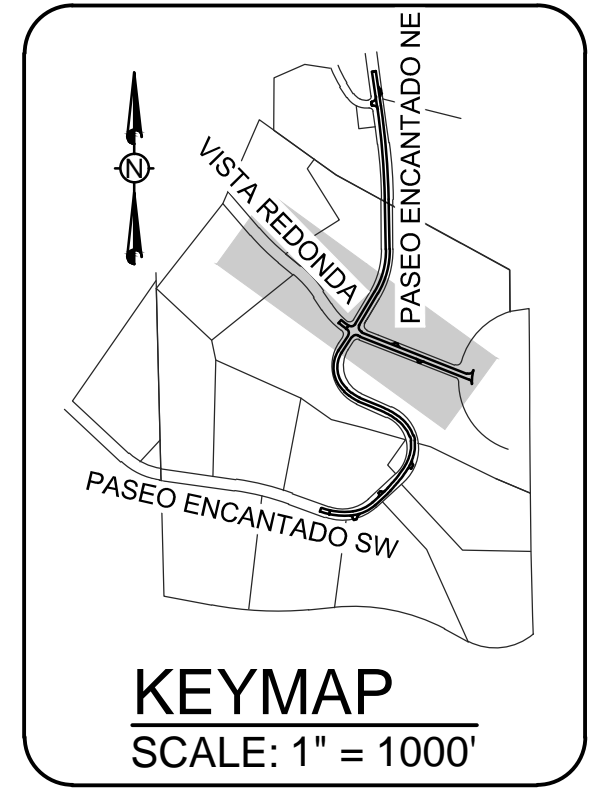
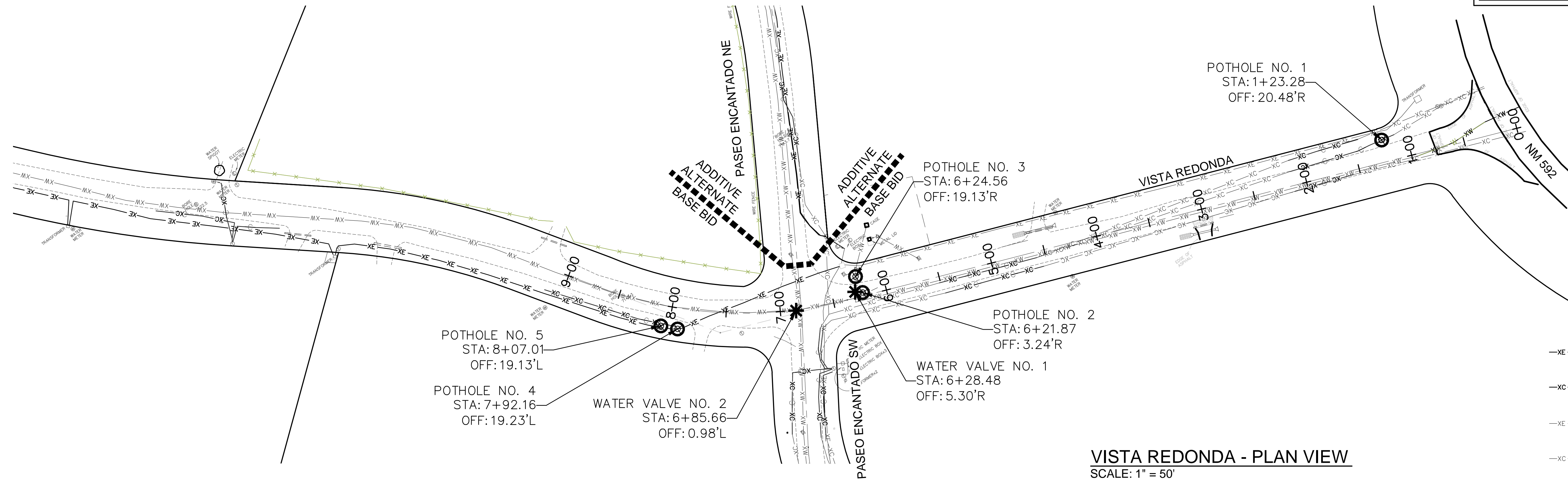
UTILITY POTHOLE INFORMATION SHEETS  
OVERALL SITE UTILITIES

DATE:  
MARCH 2015

SCALE:  
1" = 100'

SHEET:  
5-1





LEGEND:

\* DENOTES WATER VALVE LOCATION

○ DENOTES POTHOLE LOCATION

—XE—XE— DENOTES SURVEYED ELECTRIC LINE

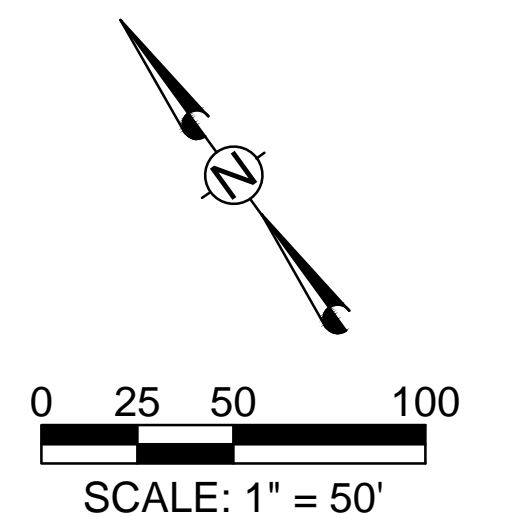
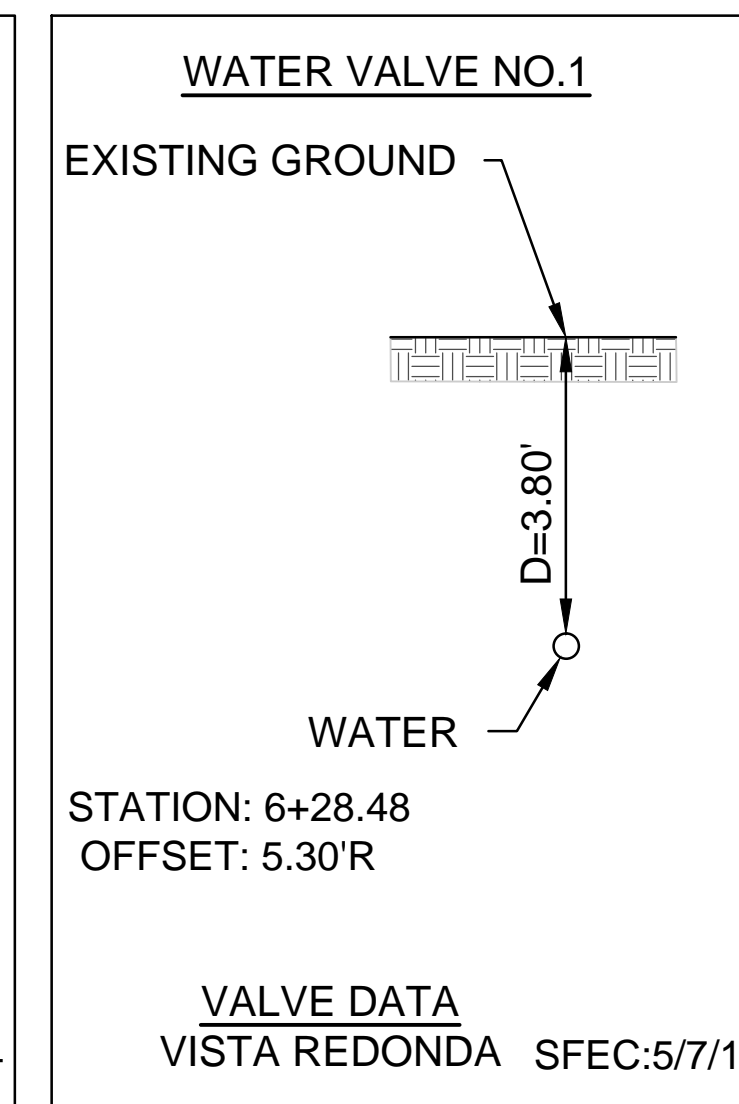
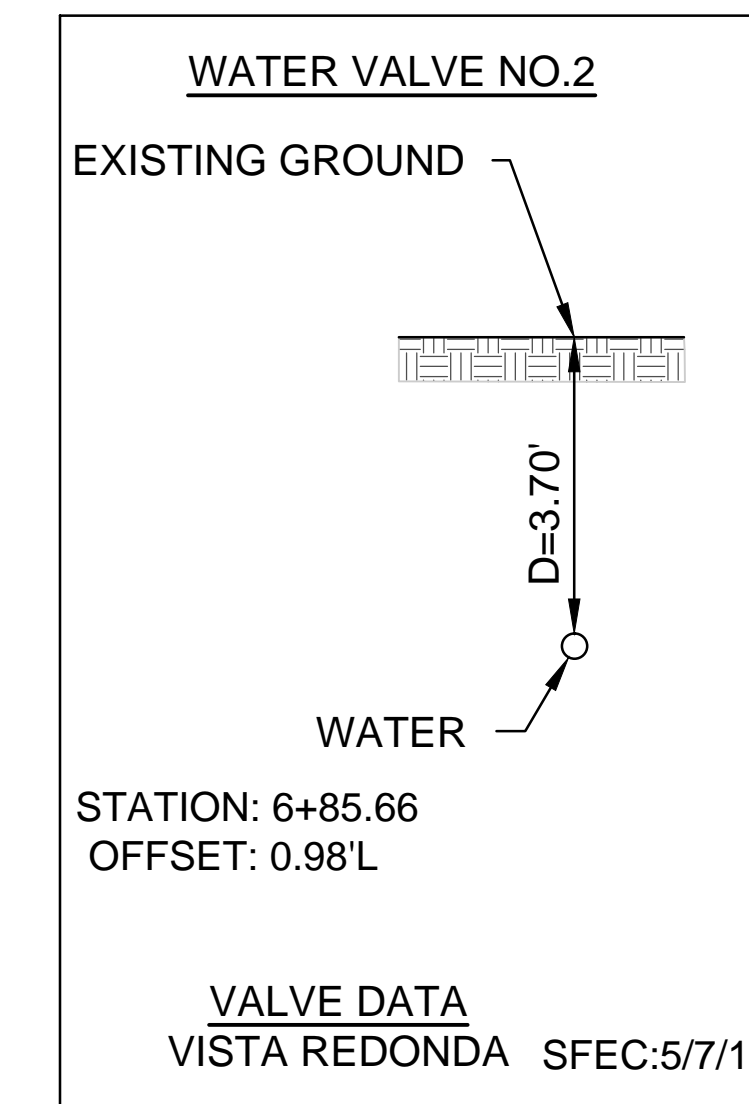
—XC—XC— DENOTES SURVEYED  
COMMUNICATION LINE

—XE—XE— DENOTES ASSUMED ELECTRIC LINE

—XC—XC— DENOTES ASSUMED COMMUNICATION  
LINE

—XW—XW— DENOTES ASSUMED WATERLINE

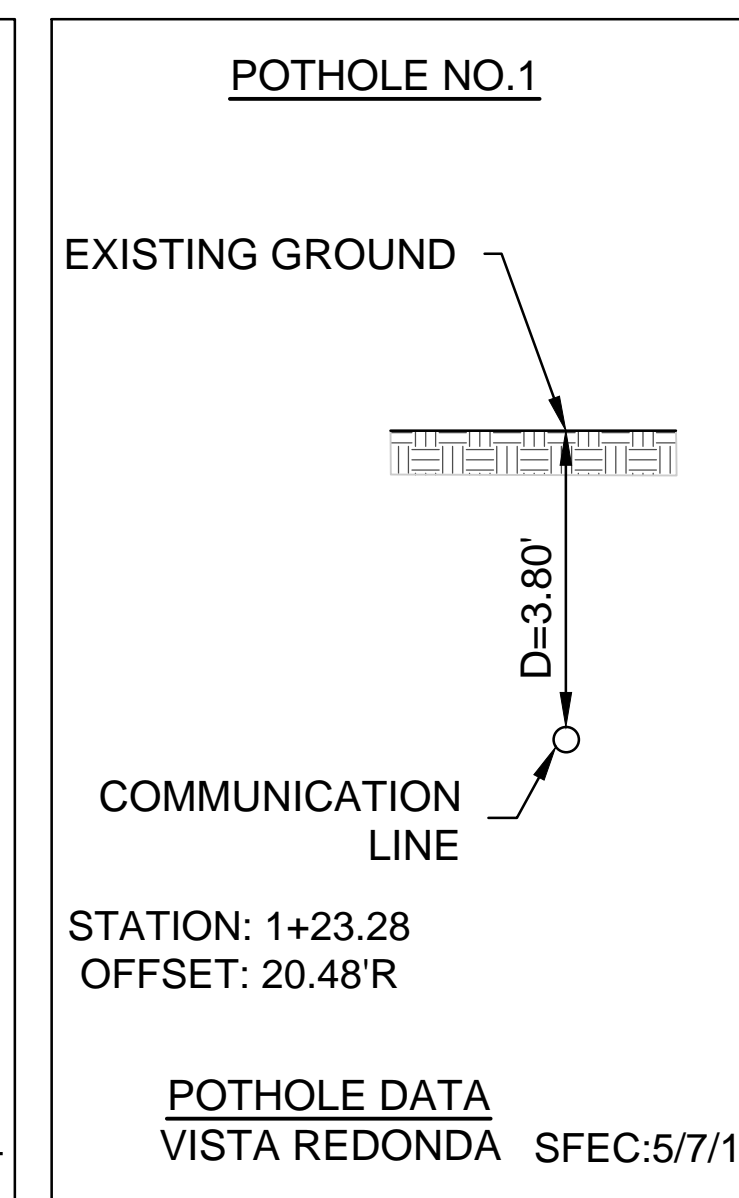
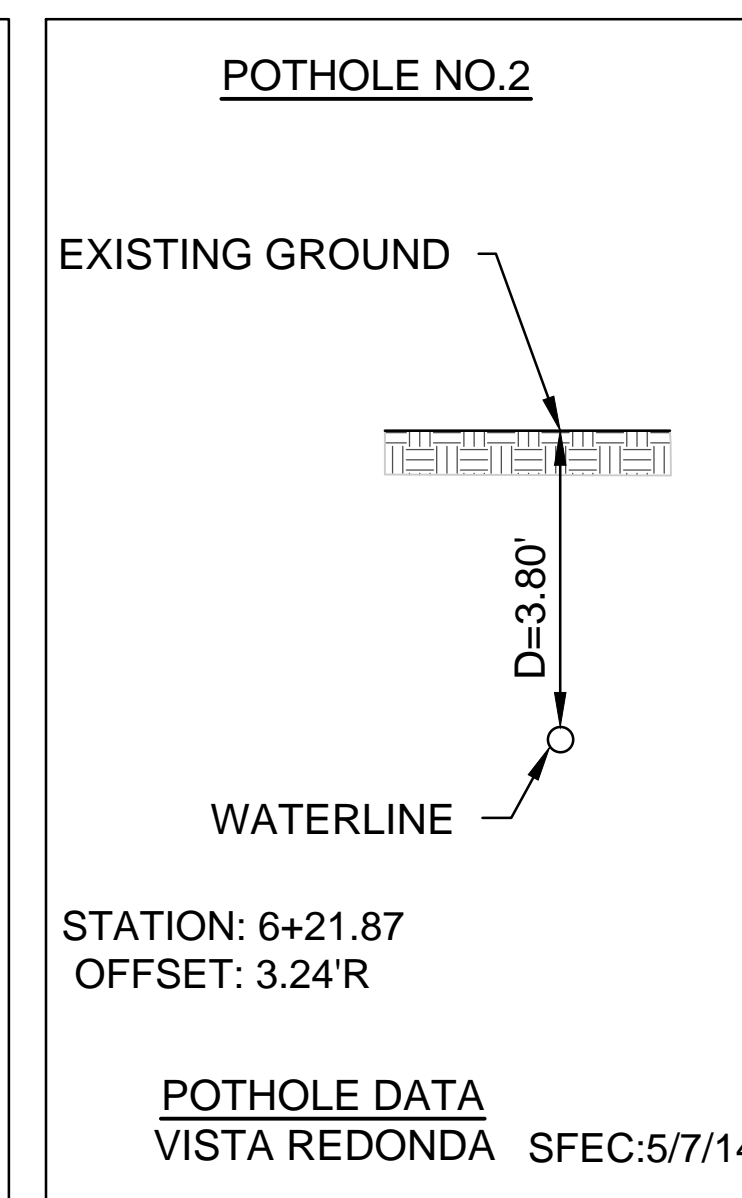
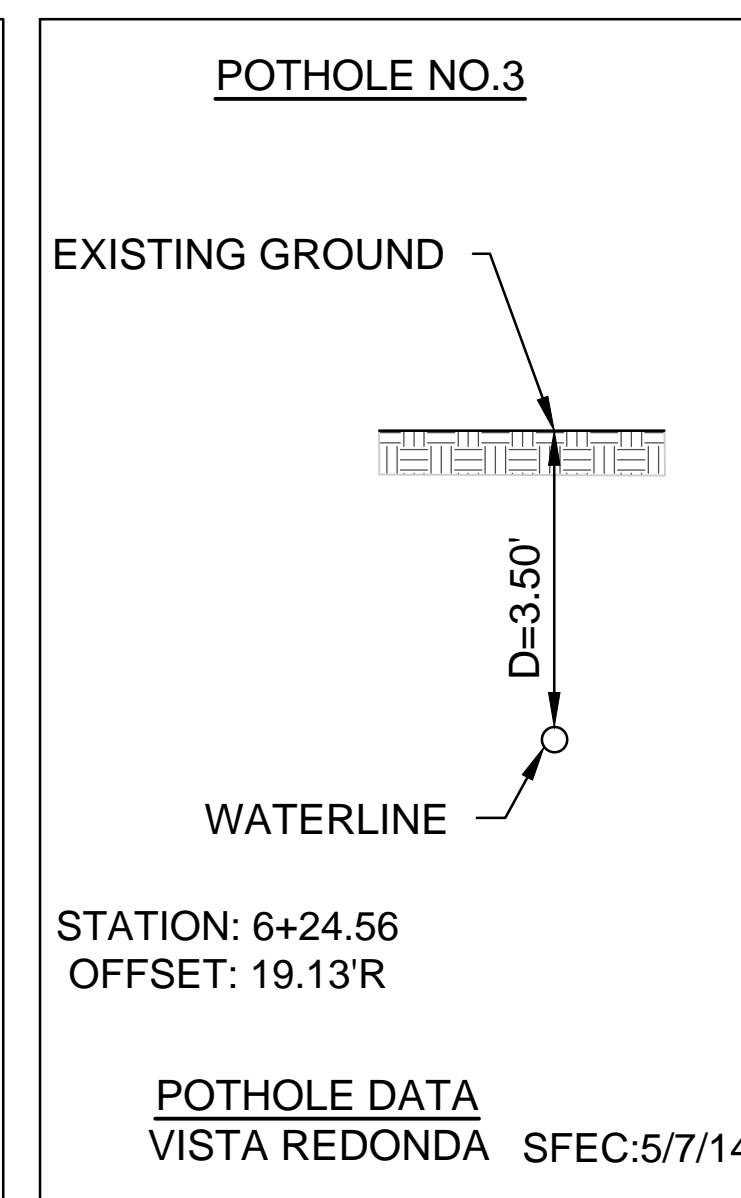
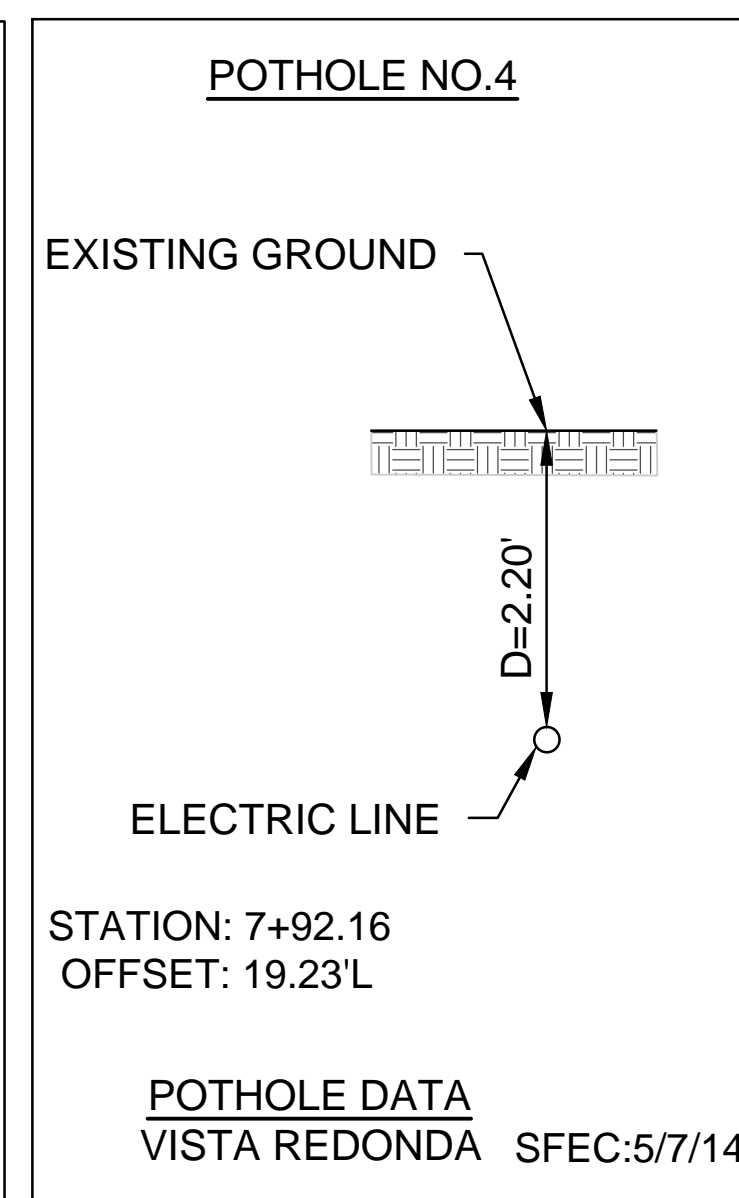
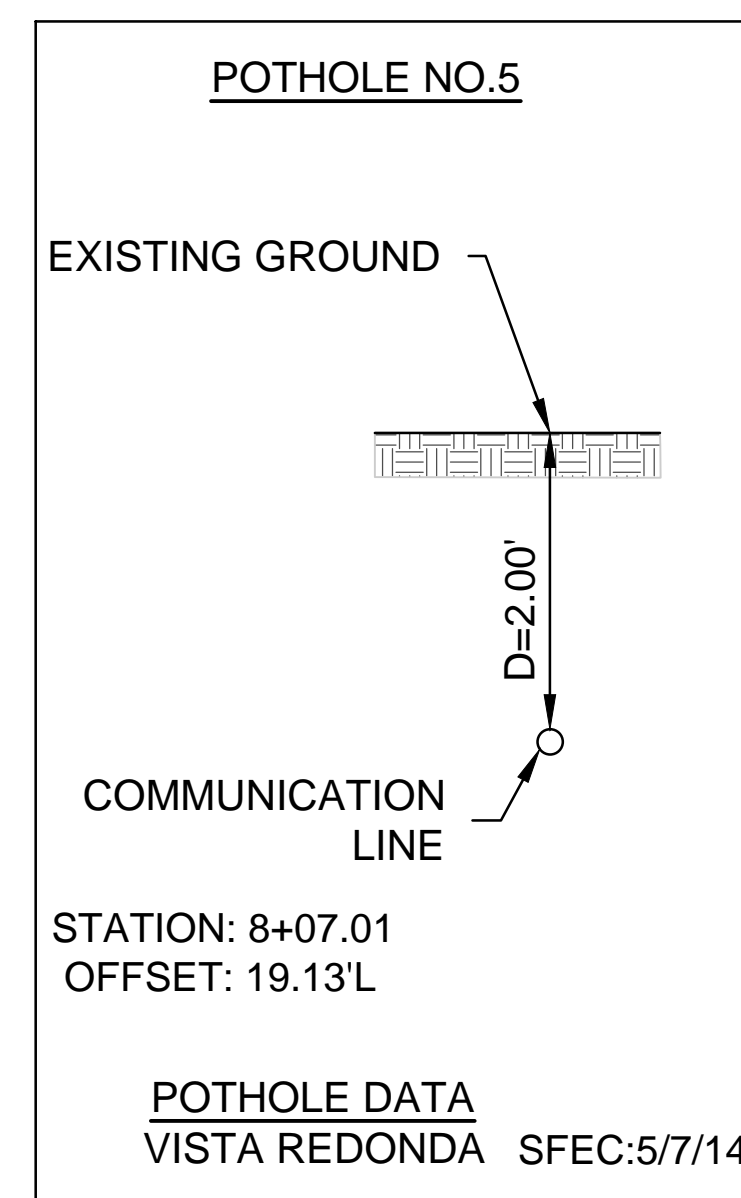
VISTA REDONDA - PLAN VIEW  
SCALE: 1" = 50'




THIS SHEET IS SHOWN  
FOR REFERENCE ONLY  
RELOCATIONS ARE TO BE  
DONE BY OTHERS

NOTES:

1. THE EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS HAVE BEEN COMPILED FROM MULTIPLE SOURCES, INCLUDING UTILITY LOCATES, POTHOLE LOCATIONS, FIELD SURVEYS (AS COMPILED BY DAWSON SURVEYS, AND DATA PROVIDED BY THE VISTA REDONDA MUTUAL DOMESTIC WATER CONSUMERS ASSOCIATION SEE SHEET SERIES 3).
2. SOME AREAS OF POTENTIAL CONFLICT BETWEEN UTILITIES AND PROPOSED CONSTRUCTION HAVE BEEN OUTLINED ON THESE PLANS. THE CONFLICTING UTILITIES AND SERVICES WITHIN THE RIGHT OF WAY WILL BE RELOCATED BY THE RESPECTIVE UTILITY COMPANY PRIOR TO CONSTRUCTION AS PER SANTA FE COUNTY ORDINANCE 2003-1.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND POTHOLE ANY POTENTIAL UTILITY CONFLICTS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO PUBLIC OR PRIVATE PROPERTY, INCLUDING UTILITIES.
4. ANY GRADING ACTIVITIES EXTENDING INTO UTILITY EASEMENTS WILL REQUIRE POTHOLING BY THE CONTRACTOR TO VERIFY ADEQUATE DEPTHS OF COVER ARE MAINTAINED.
5. ANY SCHEDULED OUTAGES OR MODIFICATIONS TO UTILITIES REQUIRE COORDINATION WITH THE RESPECTIVE UTILITY COMPANY.

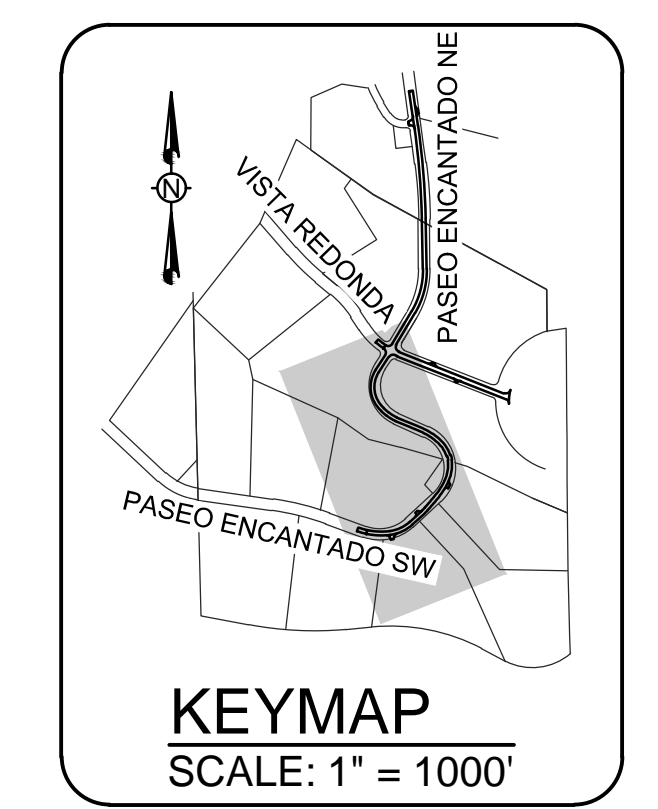


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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
			
ROADWAY IMPROVEMENT PLANS FOR VISTA REDONDA SUBDIVISION ROADS PN: 2014-6197-PW/PL 100% DESIGN			
UTILITY POTHOLE INFORMATION SHEETS VISTA REDONDA (BASE BID)			
DATE: MARCH 2015	SCALE: 1" = 50'	SHEET: 5-2	



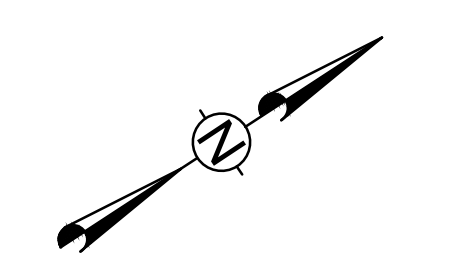
NOTES:

1. THE EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS HAVE BEEN COMPILED FROM MULTIPLE SOURCES, INCLUDING UTILITY LOCATES, POTHOLE LOCATIONS, FIELD SURVEYS (AS COMPILED BY DAWSON SURVEYS, AND DATA PROVIDED BY THE VISTA REDONDA MUTUAL DOMESTIC WATER CONSUMERS ASSOCIATION SEE SHEET SERIES 3).
2. SOME AREAS OF POTENTIAL CONFLICT BETWEEN UTILITIES AND PROPOSED CONSTRUCTION HAVE BEEN OUTLINED ON THESE PLANS. THE CONFLICTING UTILITIES AND SERVICES WITHIN THE RIGHT OF WAY WILL BE RELOCATED BY THE RESPECTIVE UTILITY COMPANY PRIOR TO CONSTRUCTION AS PER SANTA FE COUNTY ORDINANCE 2003-1.
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5. ANY SCHEDULED OUTAGES OR MODIFICATIONS TO UTILITIES REQUIRE COORDINATION WITH THE RESPECTIVE UTILITY COMPANY.



LEGEND:

- \* DENOTES WATER VALVE LOCATION
- DENOTES POTHOLE LOCATION
- XE-XE- DENOTES SURVEYED ELECTRIC LINE
- XC-XC- DENOTES SURVEYED COMMUNICATION LINE
- XE-XE- DENOTES ASSUMED ELECTRIC LINE
- XC-XC- DENOTES ASSUMED COMMUNICATION LINE
- XW-XW- DENOTES ASSUMED WATERLINE



0 25 50 100  
SCALE: 1" = 50'

THIS SHEET IS SHOWN  
FOR REFERENCE ONLY  
RELOCATIONS ARE TO BE  
DONE BY OTHERS

PASEO ENCANTADO SW - PLAN VIEW  
SCALE: 1" = 50'

**POTHOLE NO.9**

EXISTING GROUND

ELECTRIC LINE

D=3.20'

STATION: 13+69.53  
OFFSET: 8.99'L

POTHOLE DATA  
PASEO ENCANTADO SW  
SFEC: 5/7/14

**POTHOLE NO.8**

EXISTING GROUND

COMMUNICATION LINE

D=2.20'

STATION: 13+59.94  
OFFSET: 12.83'R

POTHOLE DATA  
PASEO ENCANTADO SW  
SFEC: 5/7/14

**POTHOLE NO.7**

EXISTING GROUND

COMMUNICATION LINE

ELECTRIC LINE

D=2.40'

D=4.30'

STATION: 7+81.05  
OFFSET: 14.13'L

POTHOLE DATA  
PASEO ENCANTADO SW  
SFEC:5/7/14

**POTHOLE NO.6**

EXISTING GROUND

ELECTRIC LINE

D=4.40'

STATION: 5+64.62  
OFFSET: 11.09'L

POTHOLE DATA  
PASEO ENCANTADO SW  
SFEC:5/7/14

**WATER VALVE NO.5**

EXISTING GROUND

WATER

D=4.20'

STATION: 1+13.99  
OFFSET: 3.51'R

VALVE DATA  
PASEO ENCANTADO SW  
SFEC:5/7/14

**WATER VALVE NO.4**


EXISTING GROUND

WATER

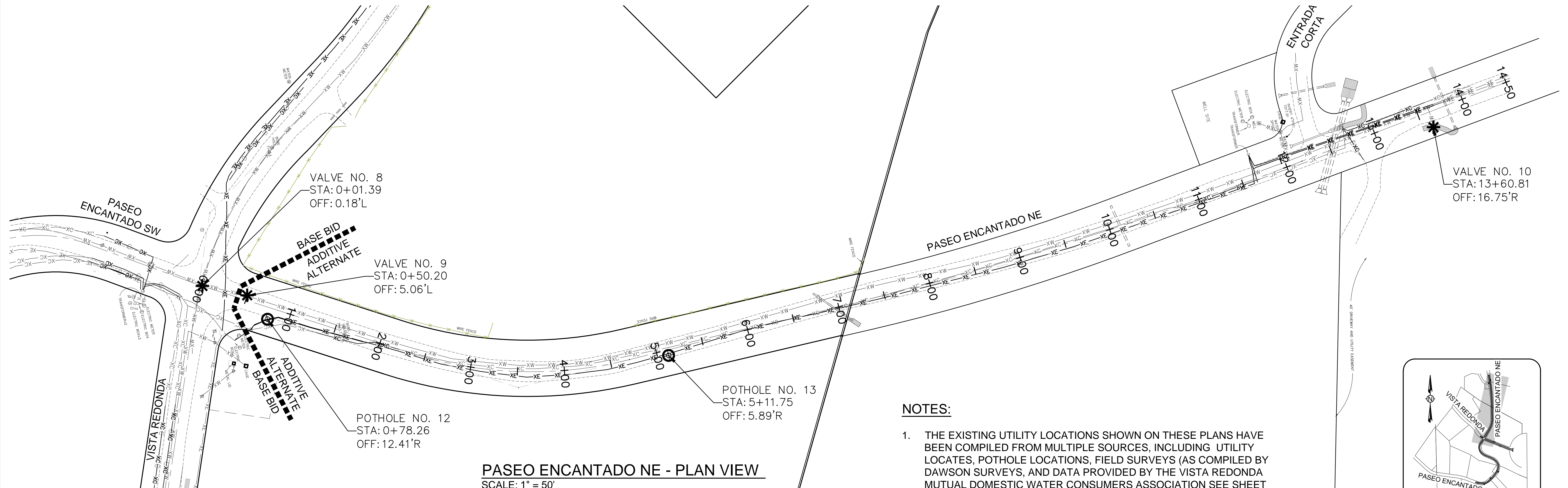
D=3.70'

STATION: 0+03.19  
OFFSET: 0.04'R

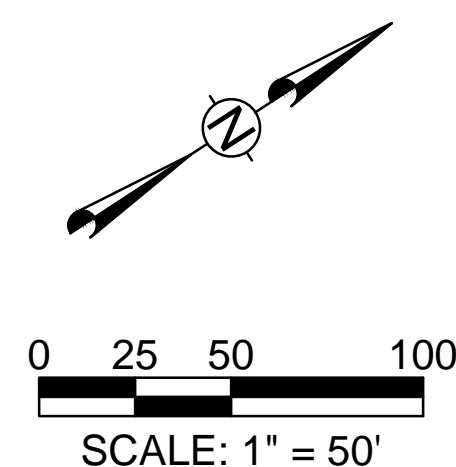
VALVE DATA  
PASEO ENCANTADO SW  
SFEC:5/7/14

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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
			
ROADWAY IMPROVEMENT PLANS FOR VISTA REDONDA SUBDIVISION ROADS PN: 2014-6197-PW/PL 100% DESIGN			
UTILITY POTHOLE INFORMATION SHEETS PASEO ENCANTADO SW (BASE BID)			
DATE: MARCH 2015	SCALE: 1" = 50'	SHEET: 5-3	



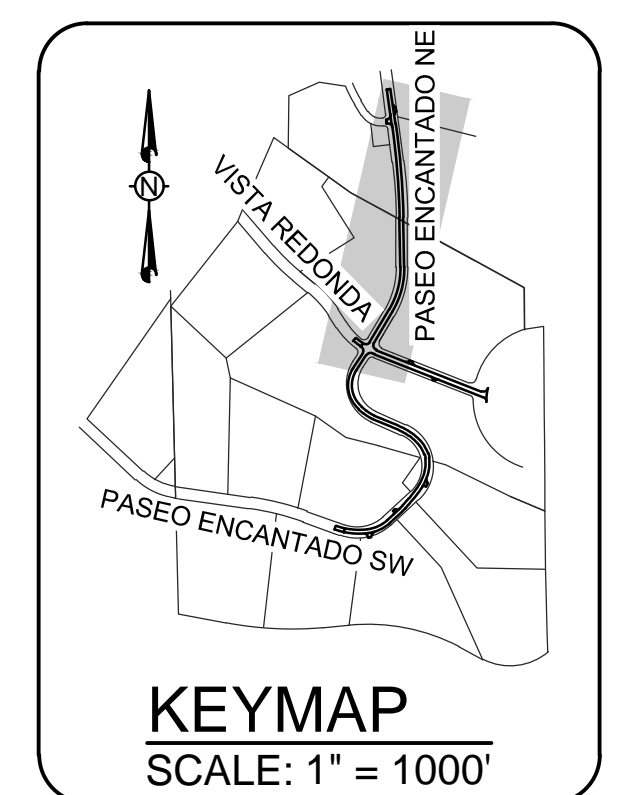


PASEO ENCANTADO NE - PLAN VIEW  
SCALE: 1" = 50'



**NOTES:**

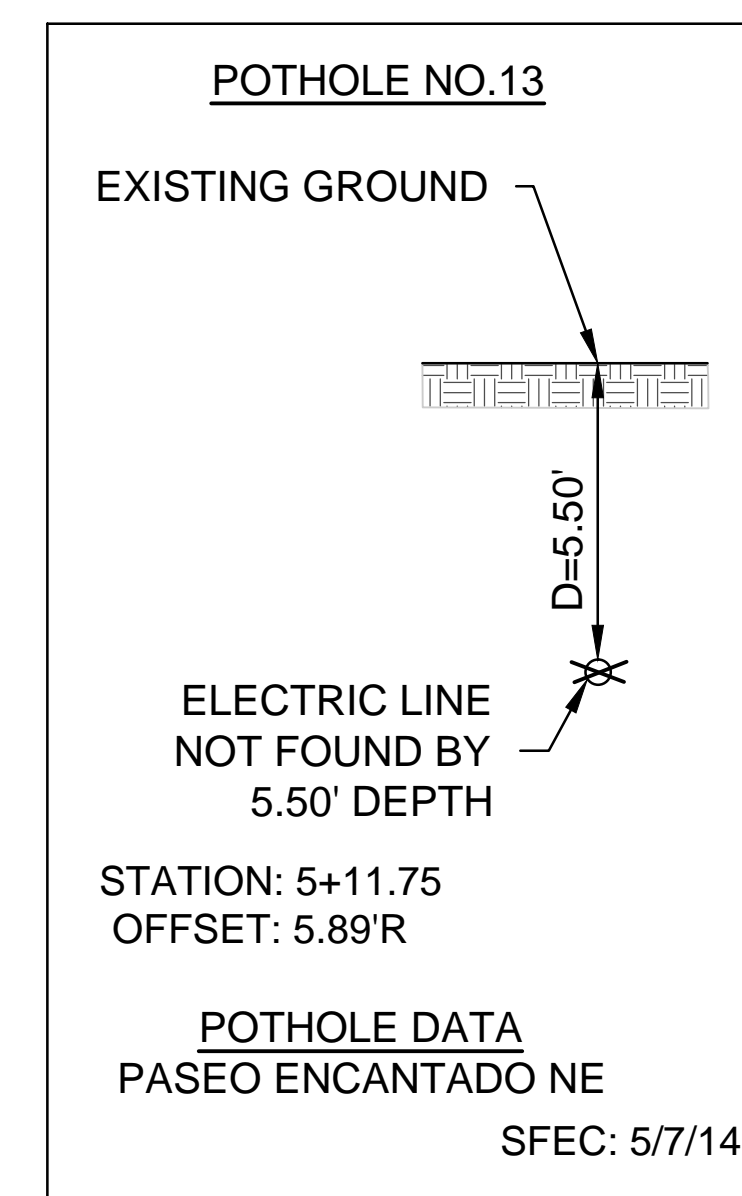
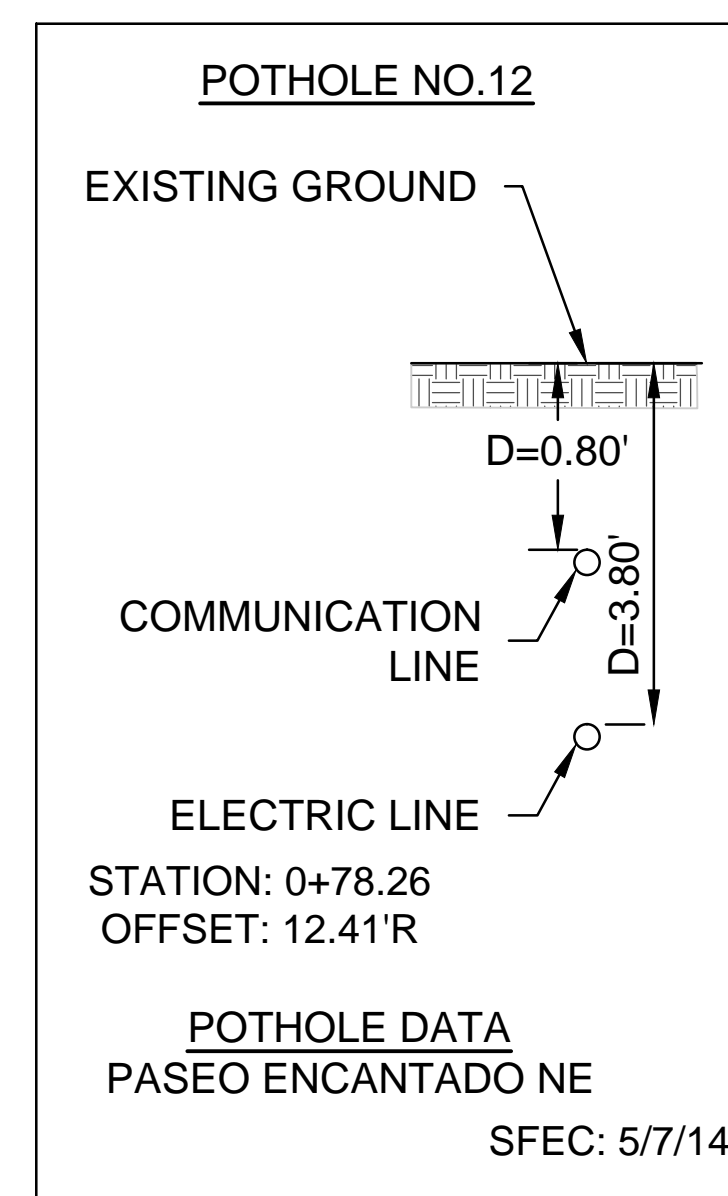
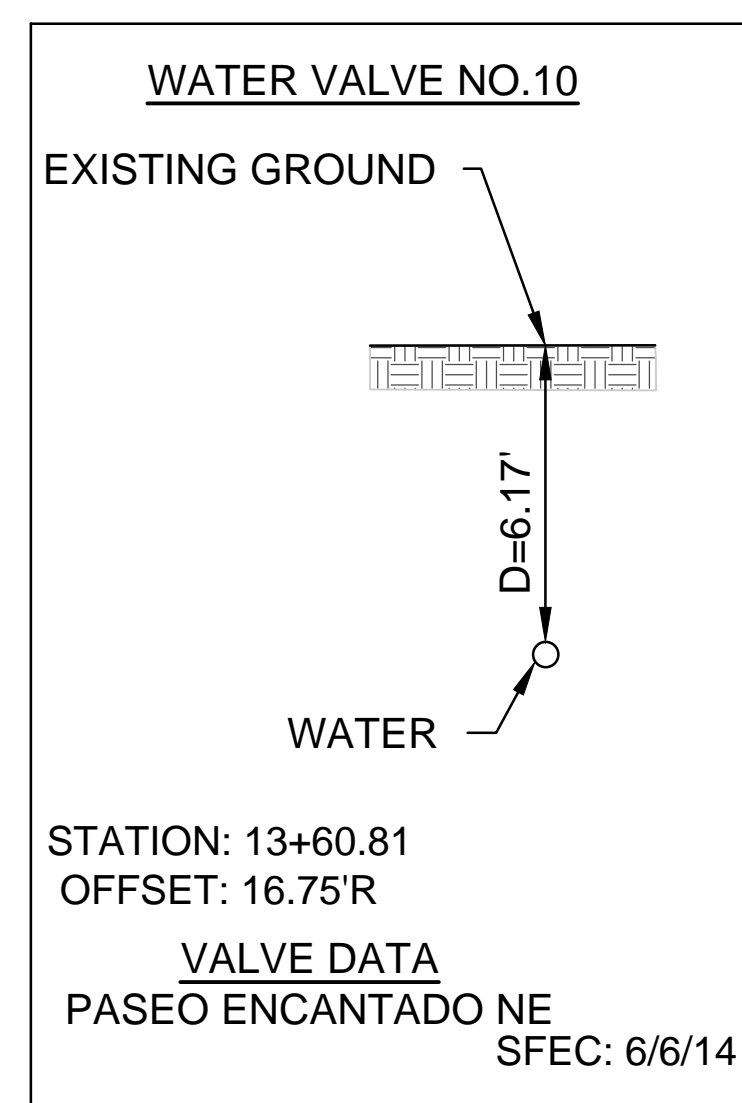
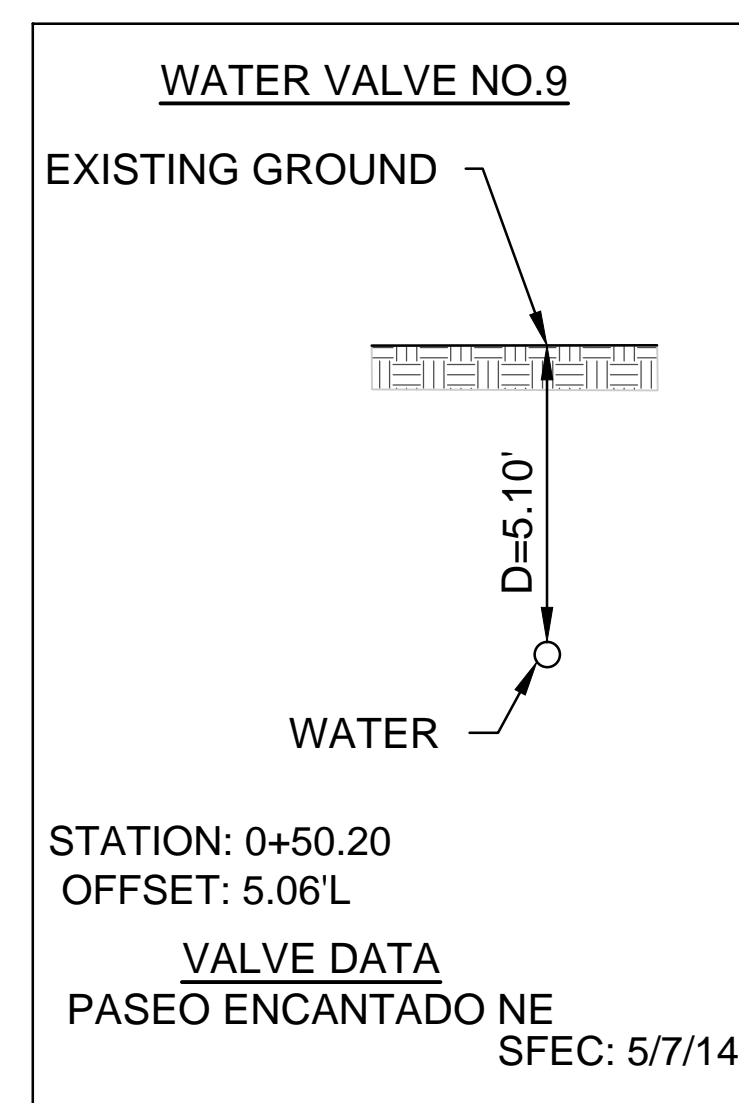
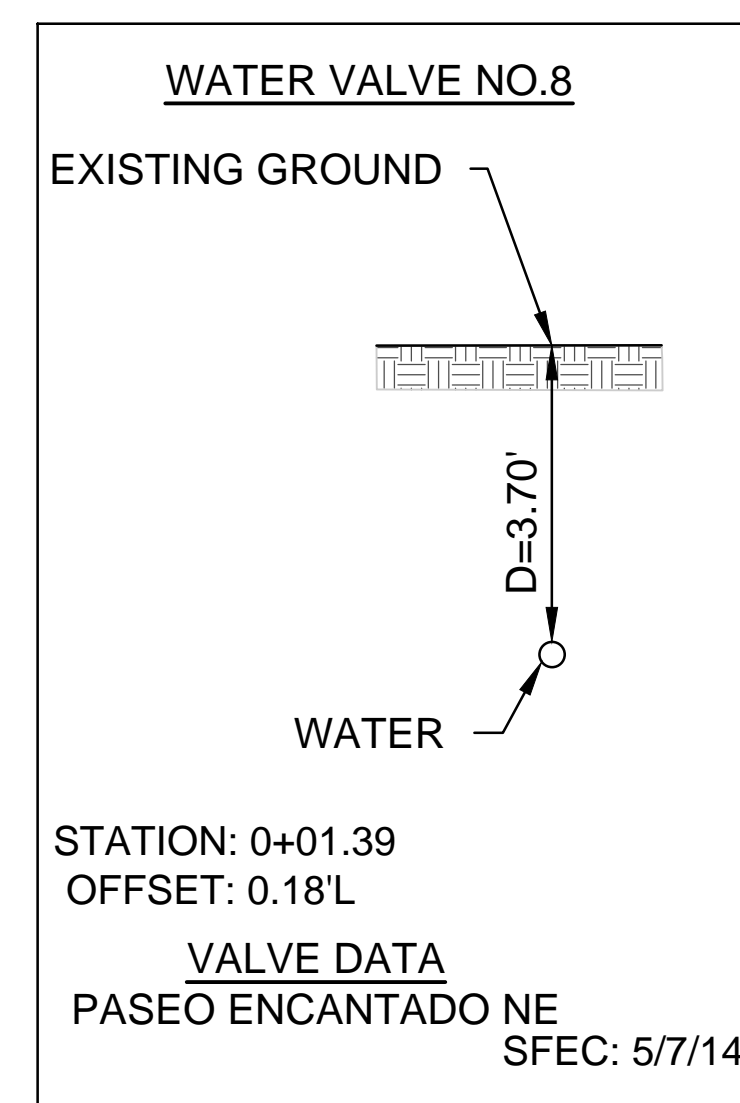
1. THE EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS HAVE BEEN COMPILED FROM MULTIPLE SOURCES, INCLUDING UTILITY LOCATES, POTHOLE LOCATIONS, FIELD SURVEYS (AS COMPILED BY DAWSON SURVEYS, AND DATA PROVIDED BY THE VISTA REDONDA MUTUAL DOMESTIC WATER CONSUMERS ASSOCIATION SEE SHEET SERIES 3).
2. SOME AREAS OF POTENTIAL CONFLICT BETWEEN UTILITIES AND PROPOSED CONSTRUCTION HAVE BEEN OUTLINED ON THESE PLANS. THE CONFLICTING UTILITIES AND SERVICES WITHIN THE RIGHT OF WAY WILL BE RELOCATED BY THE RESPECTIVE UTILITY COMPANY PRIOR TO CONSTRUCTION AS PER SANTA FE COUNTY ORDINANCE 2003-1.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND POTHOLE ANY POTENTIAL UTILITY CONFLICTS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO PUBLIC OR PRIVATE PROPERTY, INCLUDING UTILITIES.
4. ANY GRADING ACTIVITIES EXTENDING INTO UTILITY EASEMENTS WILL REQUIRE POTHOLES BY THE CONTRACTOR TO VERIFY ADEQUATE DEPTHS OF COVER ARE MAINTAINED.
5. ANY SCHEDULED OUTAGES OR MODIFICATIONS TO UTILITIES REQUIRE COORDINATION WITH THE RESPECTIVE UTILITY COMPANY.



**THIS SHEET IS SHOWN  
FOR REFERENCE ONLY**  
RELOCATIONS ARE TO BE  
DONE BY OTHERS

**LEGEND:**

- \* DENOTES WATER VALVE LOCATION
- DENOTES POT HOLE LOCATION
- XE—XE— DENOTES SURVEYED ELECTRIC LINE
- XC—XC— DENOTES SURVEYED COMMUNICATION LINE
- XE—XE— DENOTES ASSUMED ELECTRIC LINE
- XC—XC— DENOTES ASSUMED COMMUNICATION LINE
- XW—XW— DENOTES ASSUMED WATERLINE



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)



ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

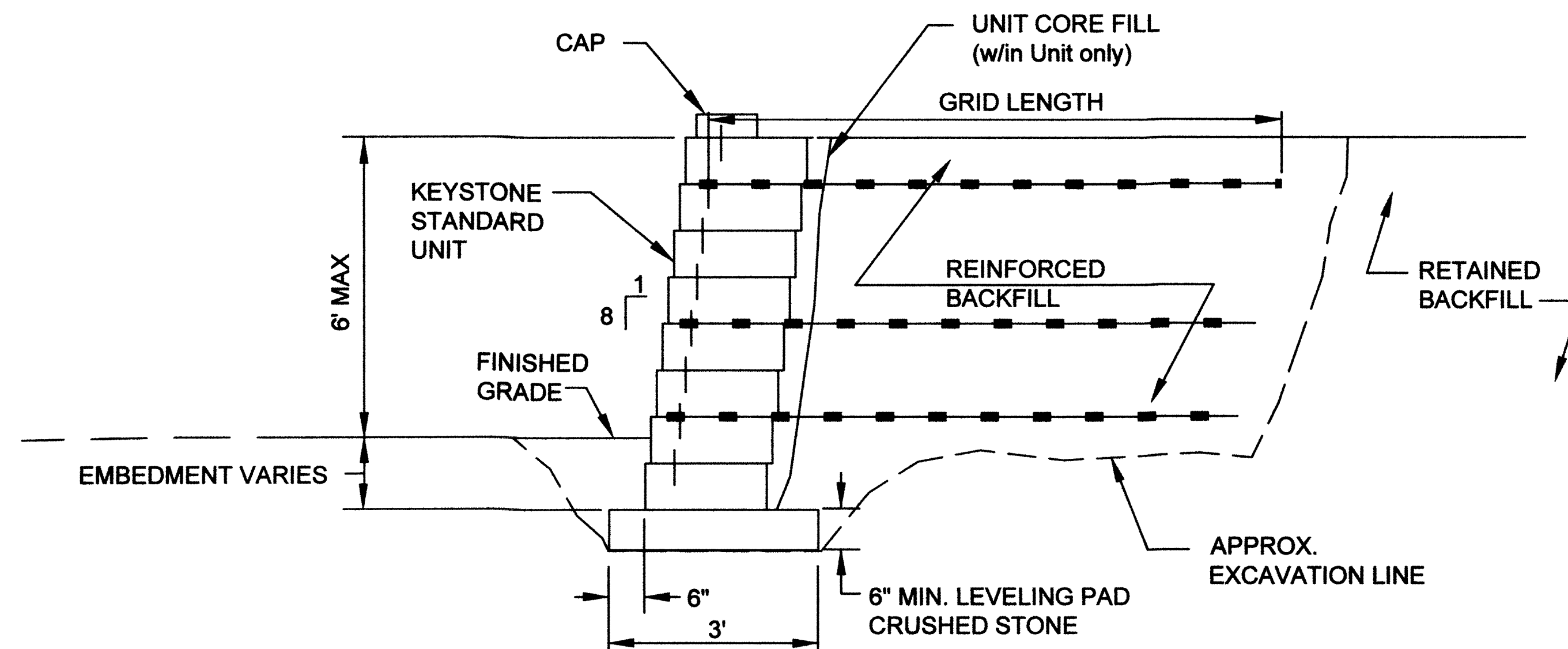
UTILITY POT HOLE INFORMATION SHEETS  
PASEO ENCANTADO NE (ADDITIVE ALTERNATE)

DATE:  
MARCH 2015

SCALE:  
1" = 50'

SHEET:  
5-4



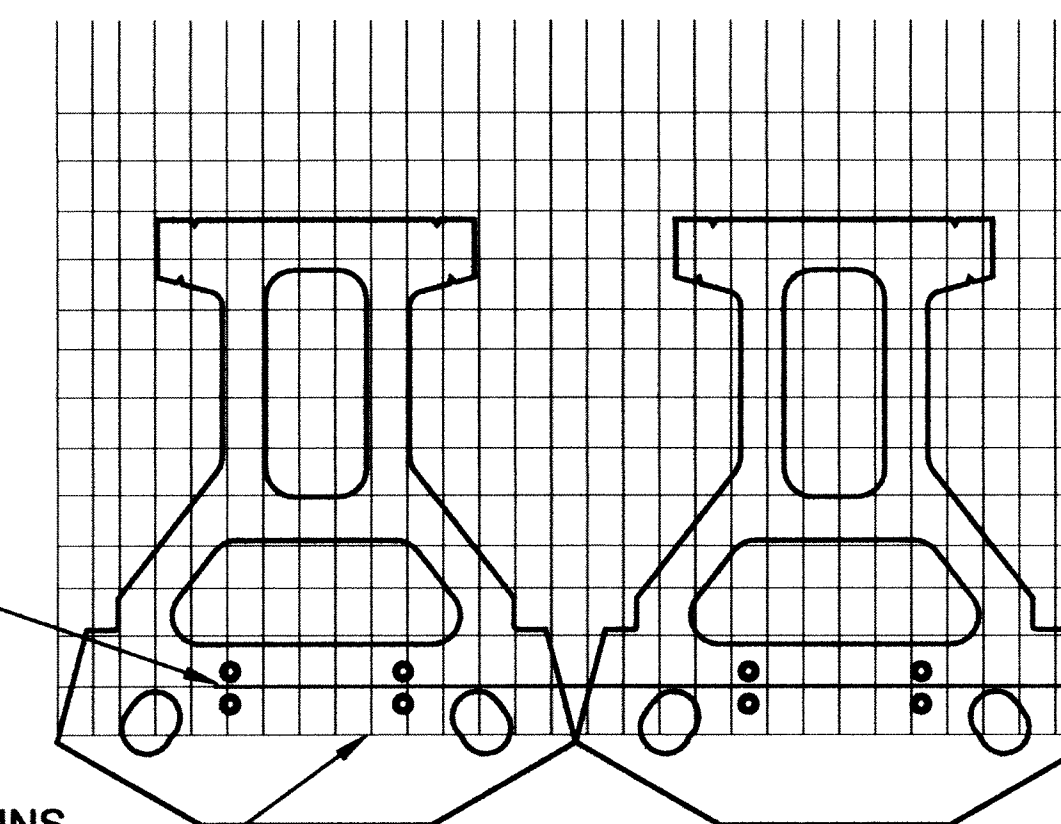


**TYPICAL REINFORCED SECTION**

STANDARD UNIT - 1" SETBACK  
SCALE: NONE

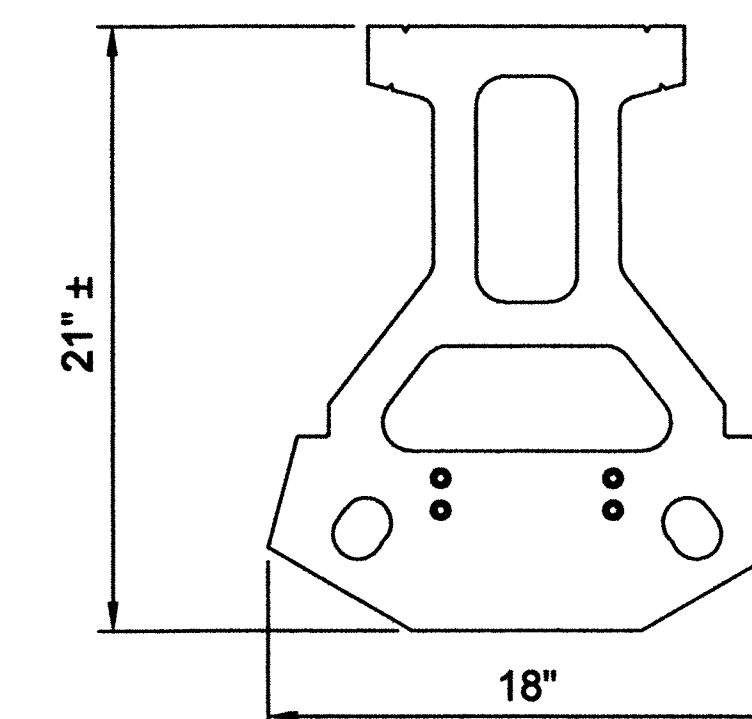
GEOGRID IS TO BE PLACED ON LEVEL BACKFILL AND EXTEND OVER PINS. PLACE NEXT UNIT, PULL GRID TAUGHT AND BACKFILL. STAKE AS REQUIRED.

PLACE GRID OVER PINS, PLACE NEXT COURSE, PULL TIGHT AND BACKFILL.

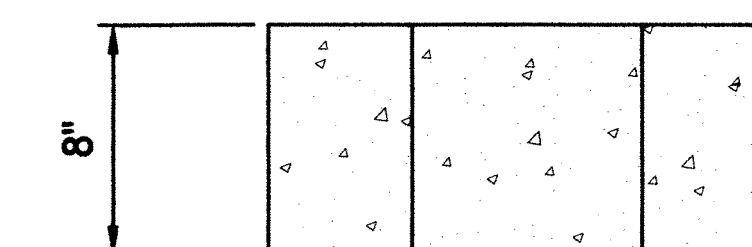


**KEYSTONE STANDARD UNIT**

GRID/PIN CONNECTION  
SCALE: NONE



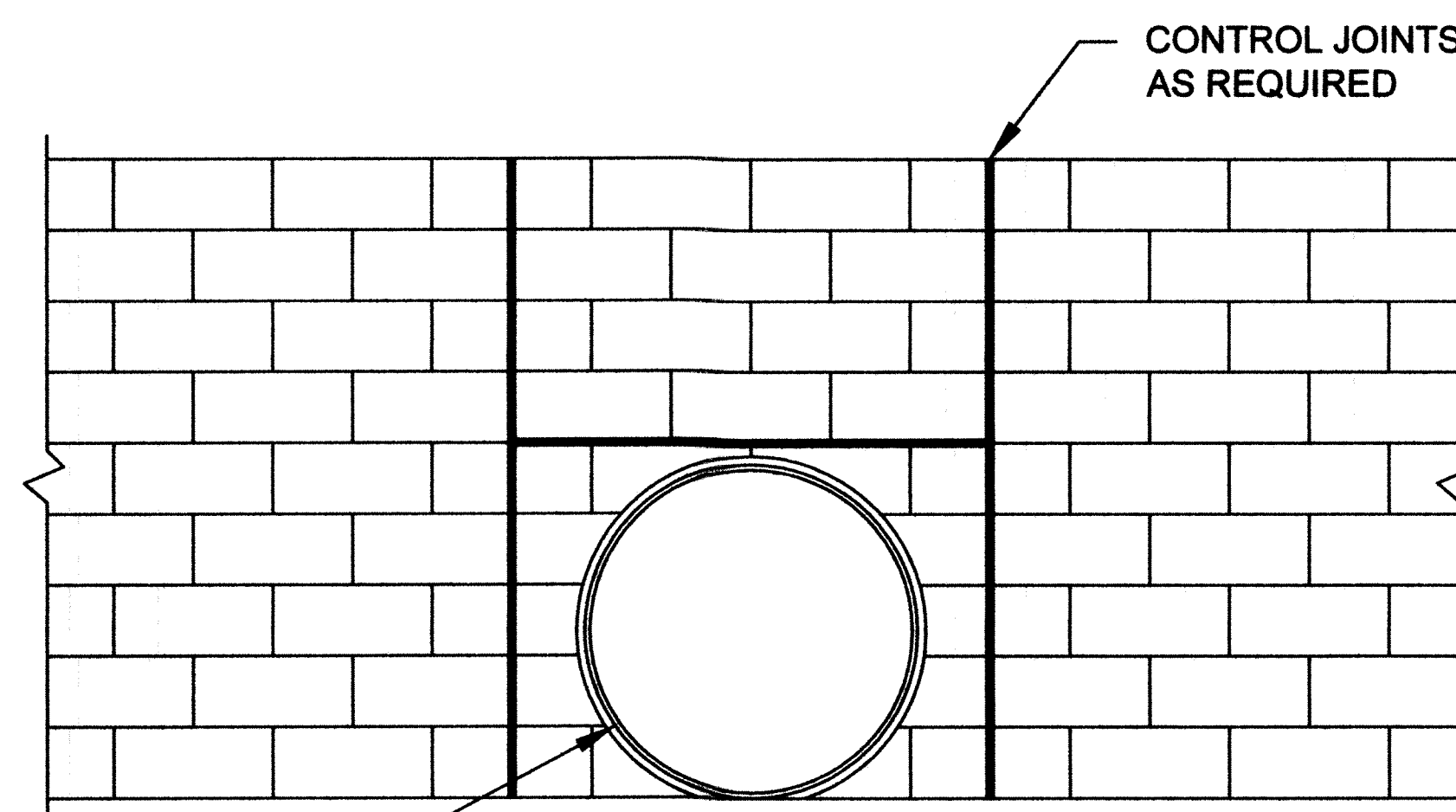
**PLAN**



**FACE**

**KEYSTONE STANDARD UNIT**

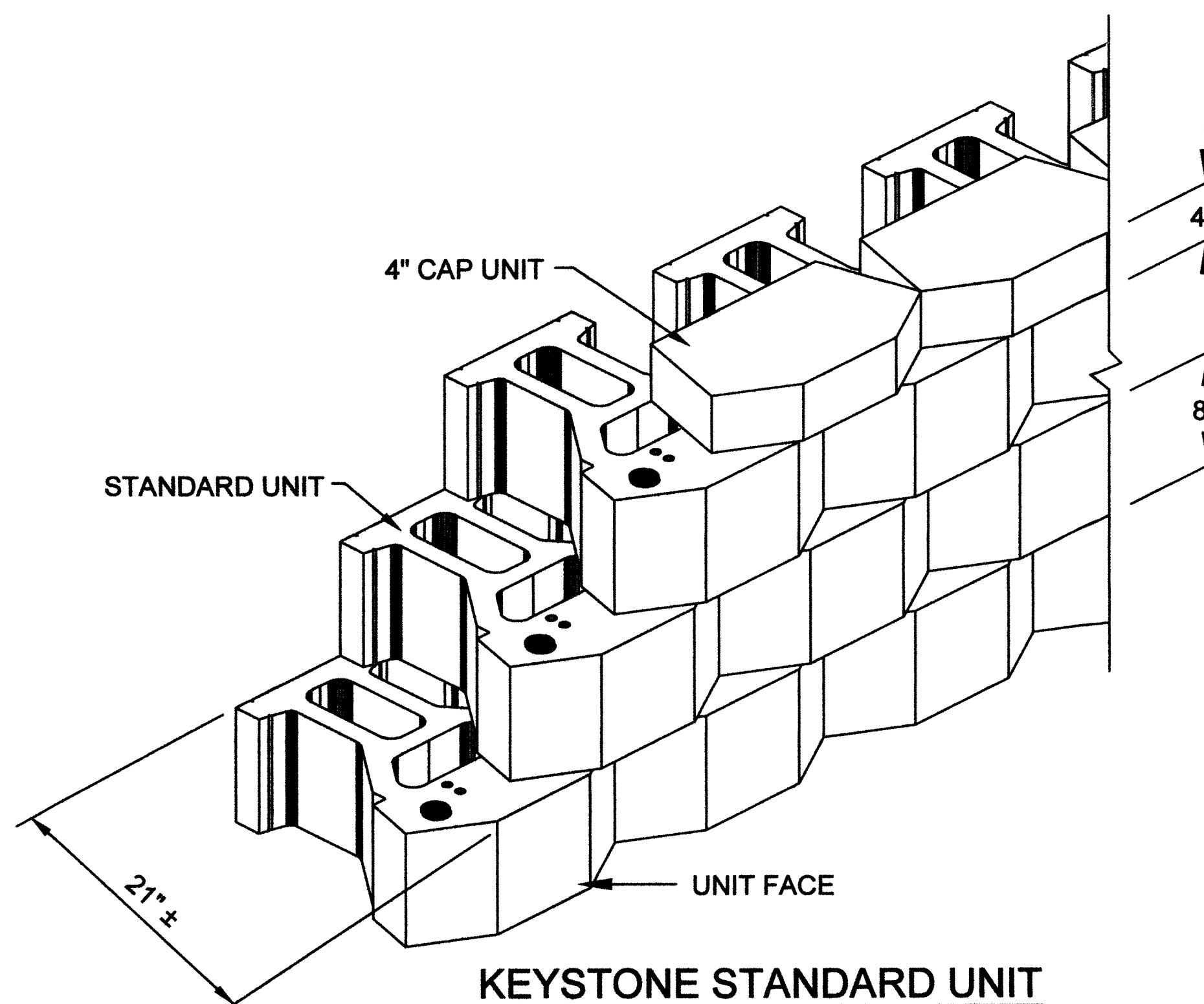
SCALE: NONE



**TYPICAL PIPE OUTLET DETAIL**

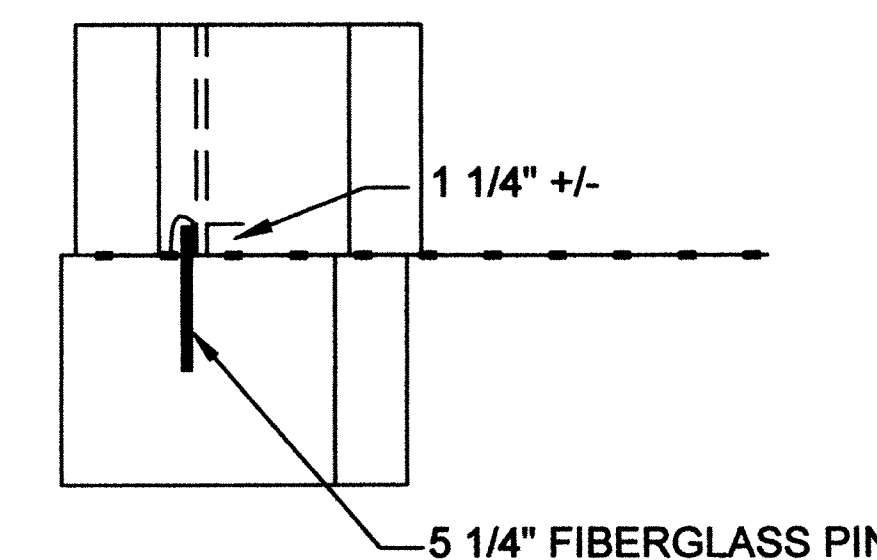
STANDARD UNIT - 1" SETBACK  
SCALE: NONE

SAW CUT UNITS TO FIT WITHIN 1/2" OF PIPE OR PROVIDE REINFORCED CONCRETE SECTION WITH VENEER. CONTRACTOR TO PROVIDE SHOP DRAWINGS PRIOR TO CONSTRUCTION.



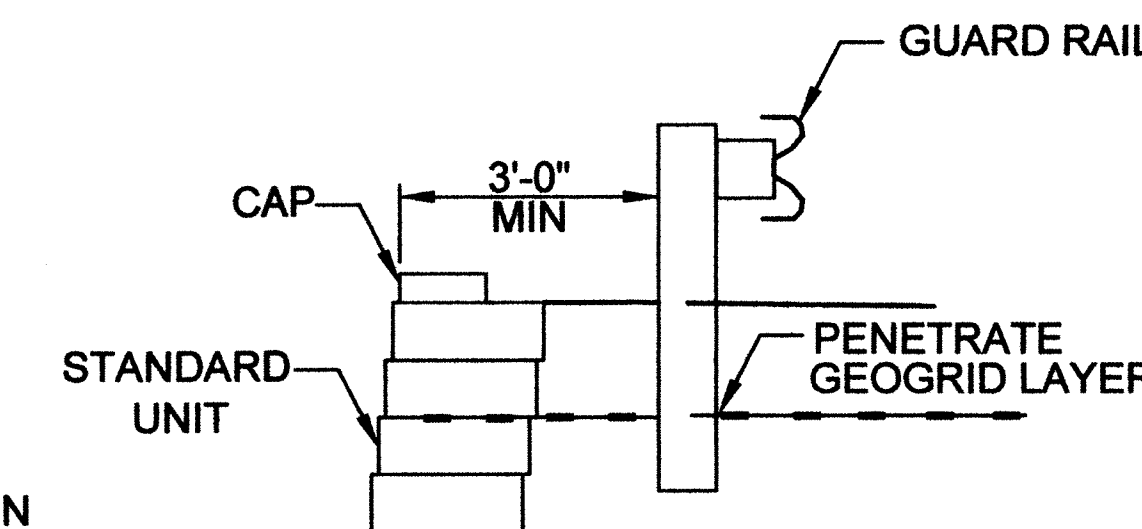
**KEYSTONE STANDARD UNIT**

ISOMETRIC  
SCALE: NONE



**KEYSTONE STANDARD UNIT**

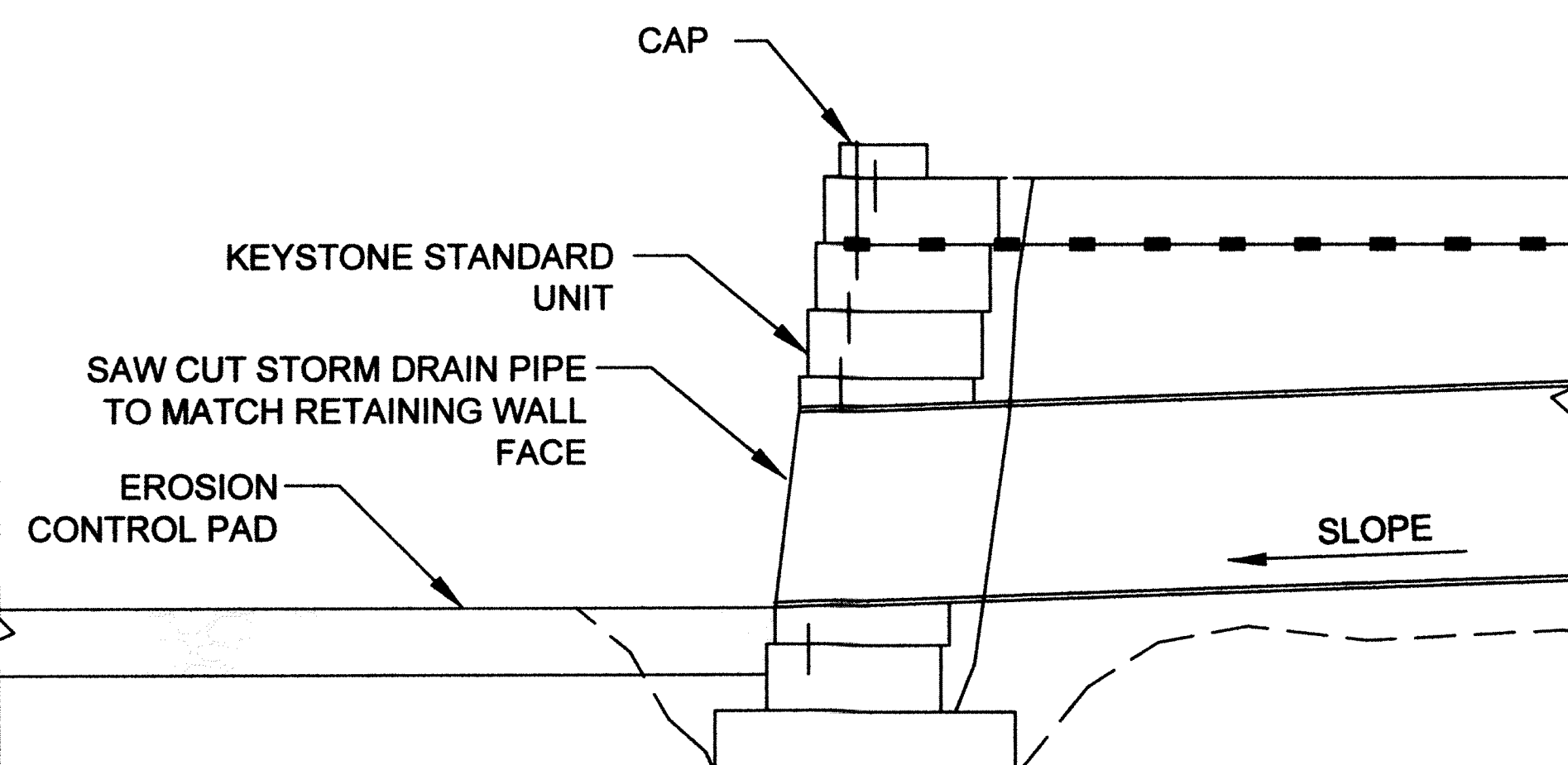
GRID CONNECTION  
SCALE: NONE



**TOP OF WALL SECTION**

GUARD RAIL DETAIL

SCALE: NONE



**TYPICAL PIPE OUTLET SECTION**

STANDARD UNIT - 1" SETBACK  
SCALE: NONE

**NOTES:**

1. WALLS TO BE KEYSTONE RETAINING WALL SYSTEMS OR APPROVED EQUAL.
2. FOR THE CONSTRUCTION OF ALL WALLS: THE REINFORCED FILL TYPE SHALL BE SAND AND GRAVEL, AND WILL BE CONSTRUCTED WITH STANDARD WALL UNITS.
3. FOR UNIT FILL AND BACKFILL SPECIFICATIONS SEE MANUFACTURING SPECIFICATIONS.
4. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND CALCULATIONS PERFORMED BY A LICENSED PROFESSIONAL ENGINEER TO THE PROJECT MANAGER FOR APPROVAL PRIOR TO CONSTRUCTION. CALCULATIONS TO INCLUDE GRID LENGTH, DESIGN LOADS, AND SHALL INCLUDE GLOBAL STABILITY ANALYSIS.



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

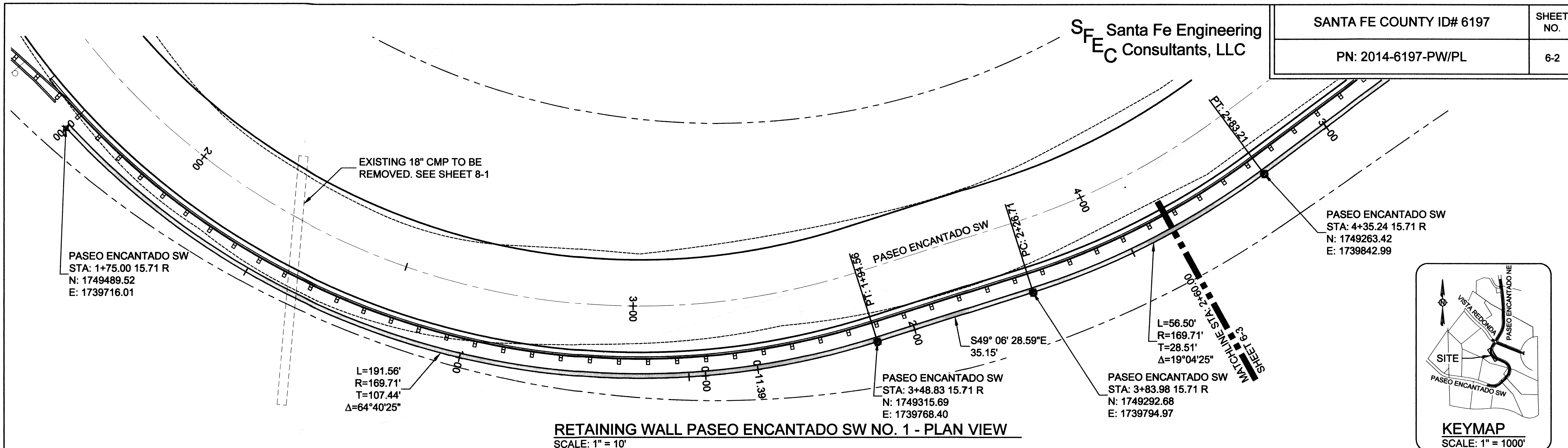


ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

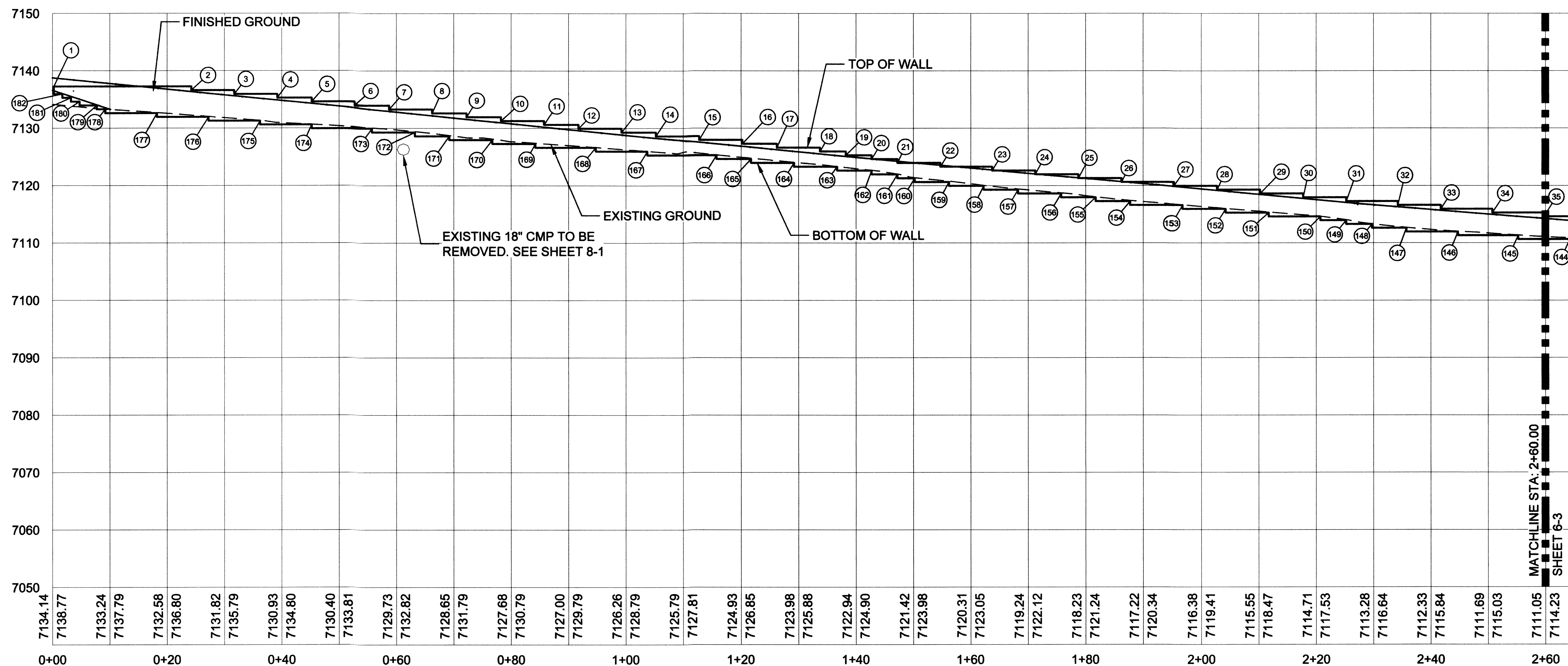
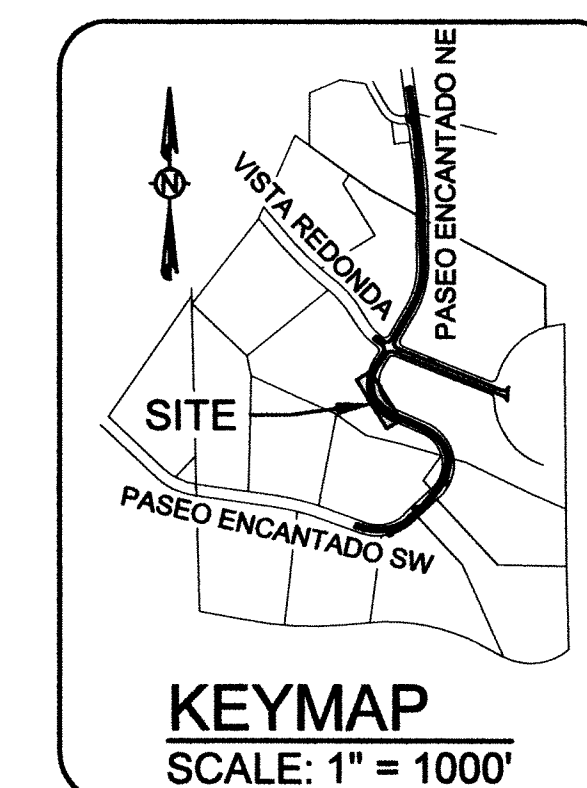
KEYSTONE RETAINING WALL DETAILS

DATE: MARCH 2015 SCALE: AS NOTED SHEET: 6-1

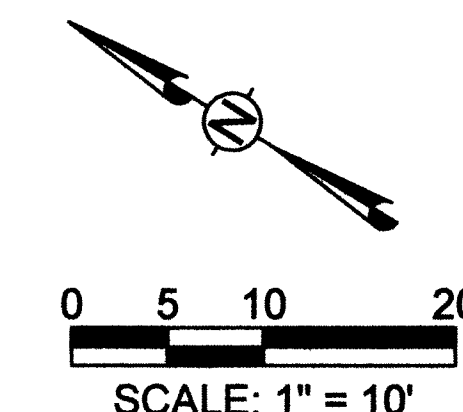




RETAINING WALL PASEO ENCANTADO SW NO. 1 - PLAN VIEW  
SCALE: 1" = 10'



RETAINING WALL PASEO ENCANTADO SW NO. 1 - PROFILE VIEW  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'



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NO.	DESCRIPTION	DATE	BY

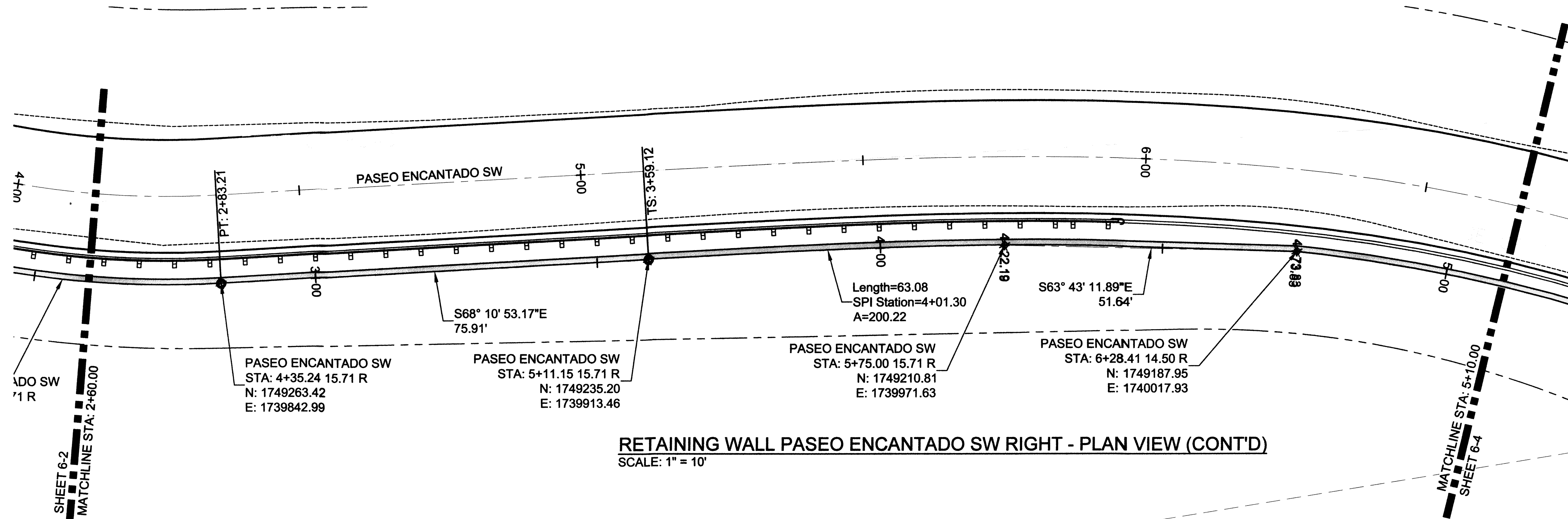
REVISIONS (OR CHANGE NOTICES)



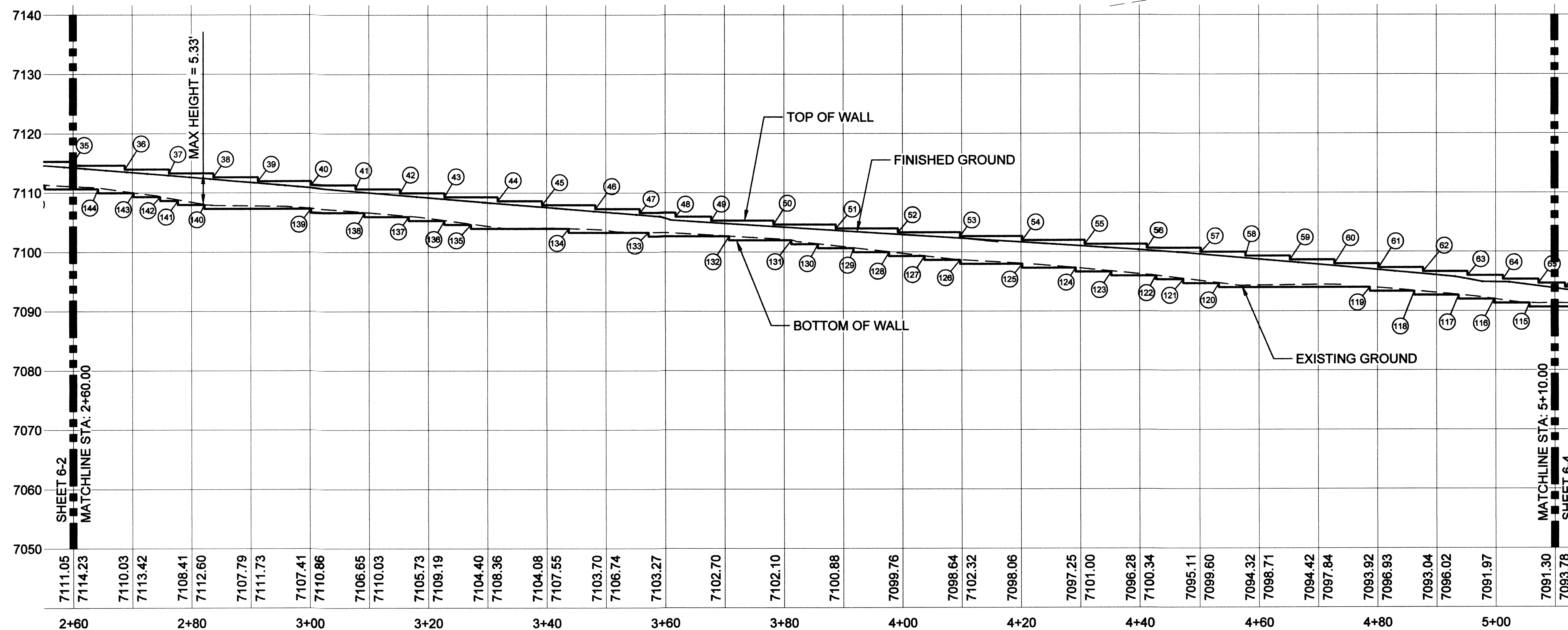
ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

RETAINING WALL PLAN AND PROFILE -  
PASEO ENCANTADO SW NO. 1 (BASE BID)

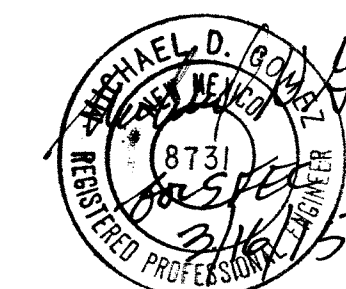
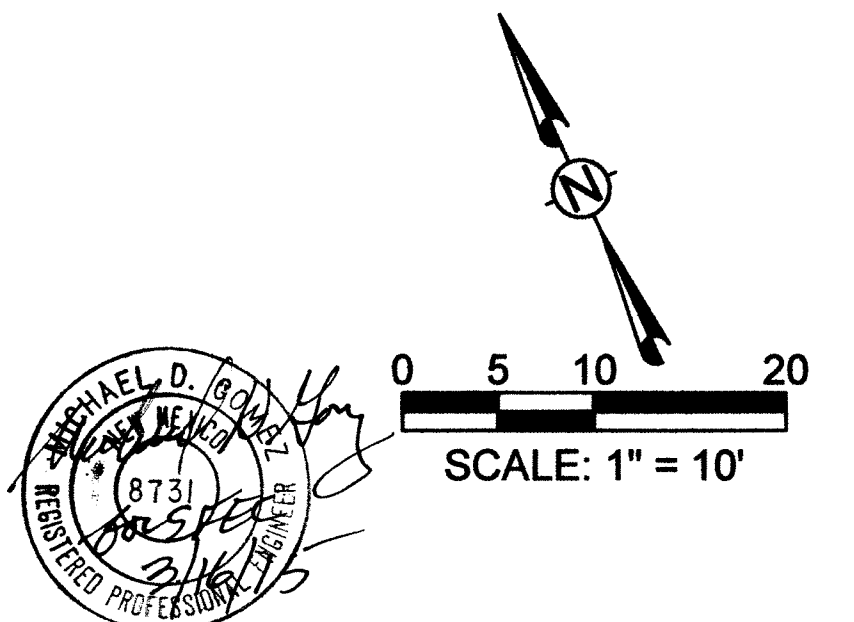
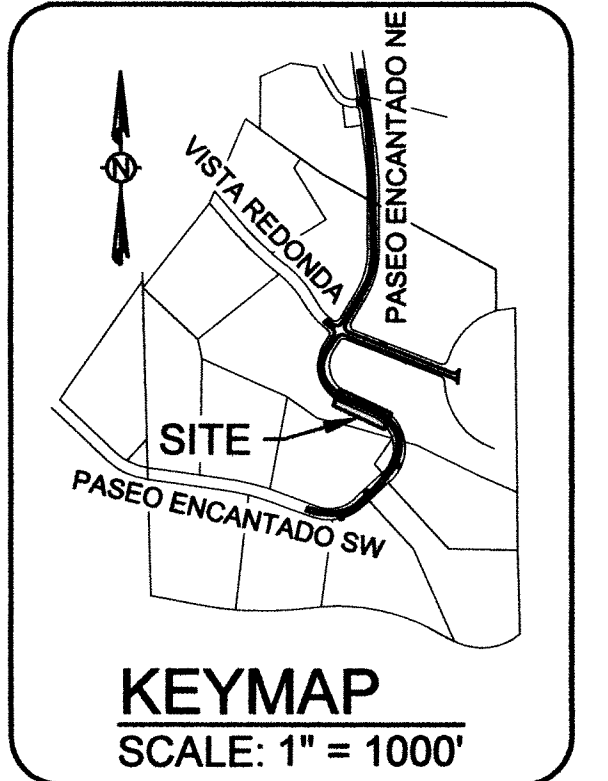
DATE: MARCH 2015 SCALE: 1" = 10' SHEET: 6-2



RETAINING WALL PASEO ENCANTADO SW RIGHT - PLAN VIEW (CONT'D)  
SCALE: 1" = 10'



RETAINING WALL PASEO ENCANTADO SW RIGHT - PROFILE VIEW (CONT'D)  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'



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NO.	DESCRIPTION	DATE	BY

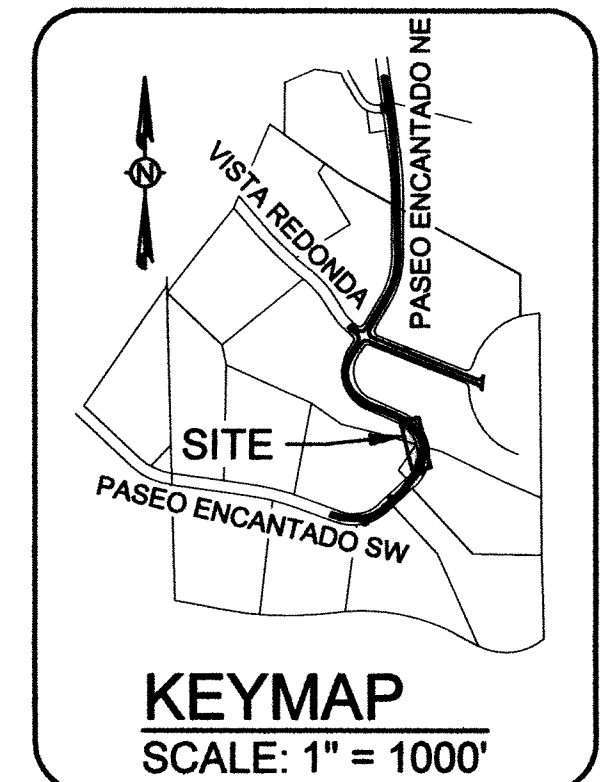
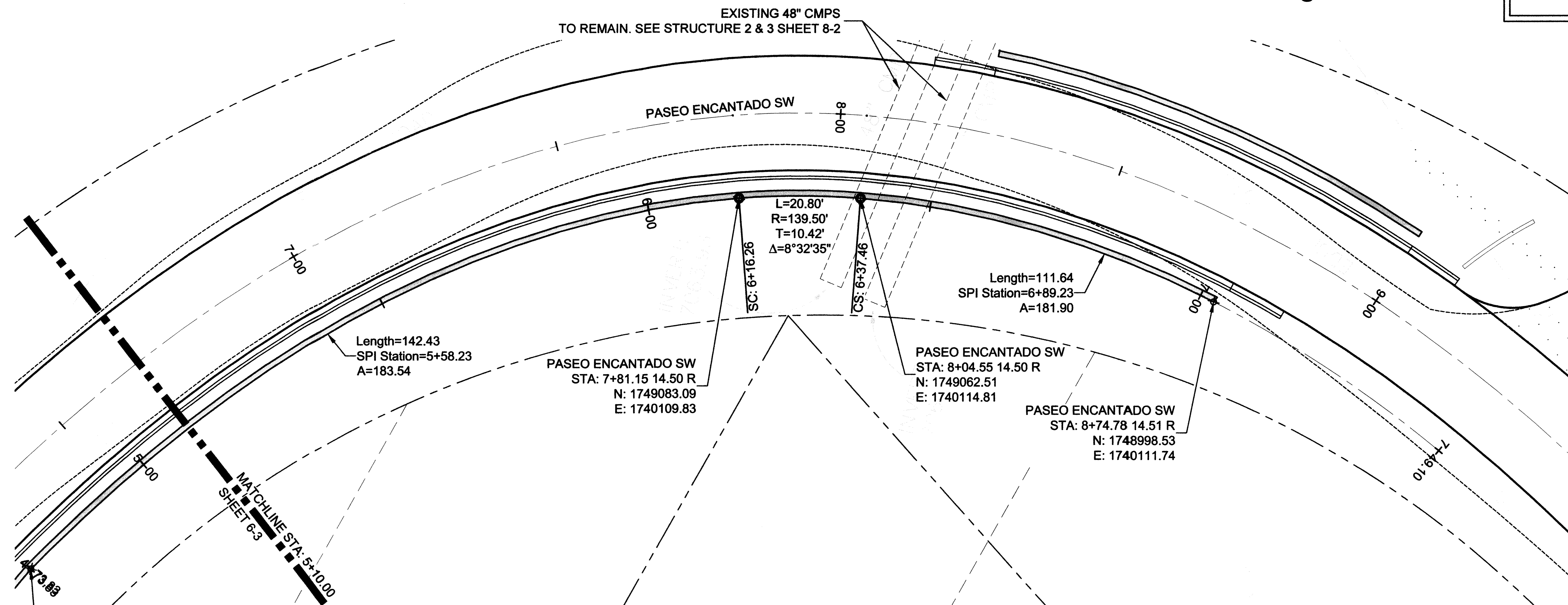
REVISIONS (OR CHANGE NOTICES)



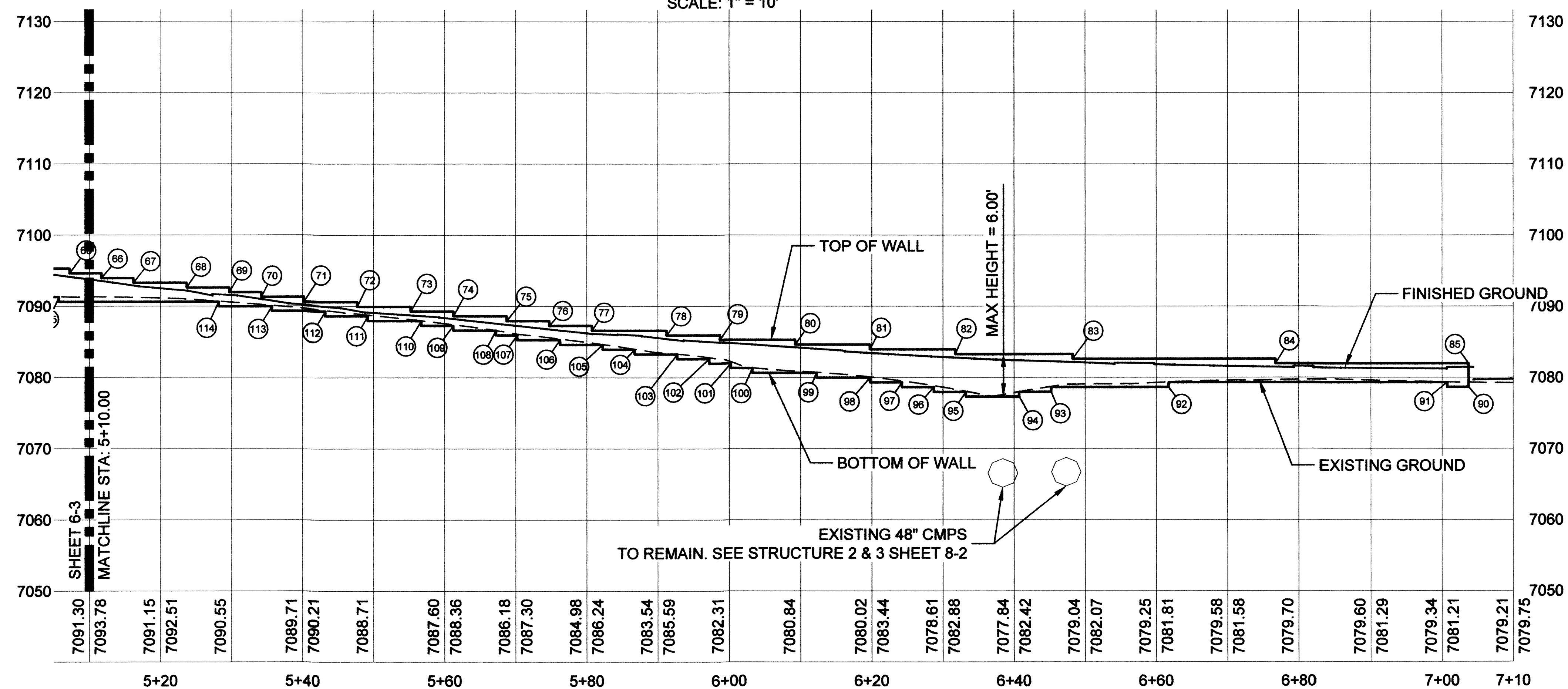
ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

PASEO ENCANTADO SW NO. 1  
(BASE BID)

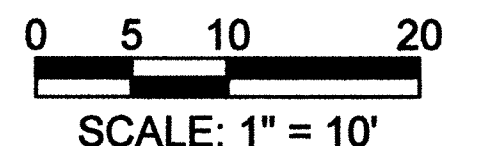
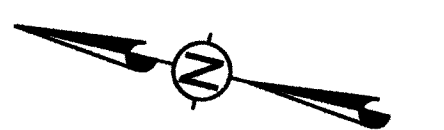




RETAINING WALL PASEO ENCANTADO SW NO. 1 - PLAN VIEW (CONT'D)  
SCALE: 1" = 10'



RETAINING WALL PASEO ENCANTADO SW NO. 1 - PROFILE VIEW (CONT'D)  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)



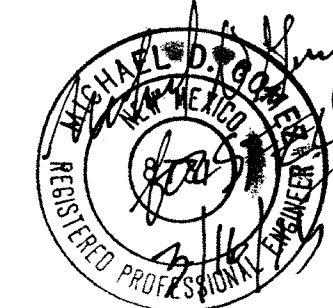
ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

PASEO ENCANTADO SW NO. 1  
(BASE BID)

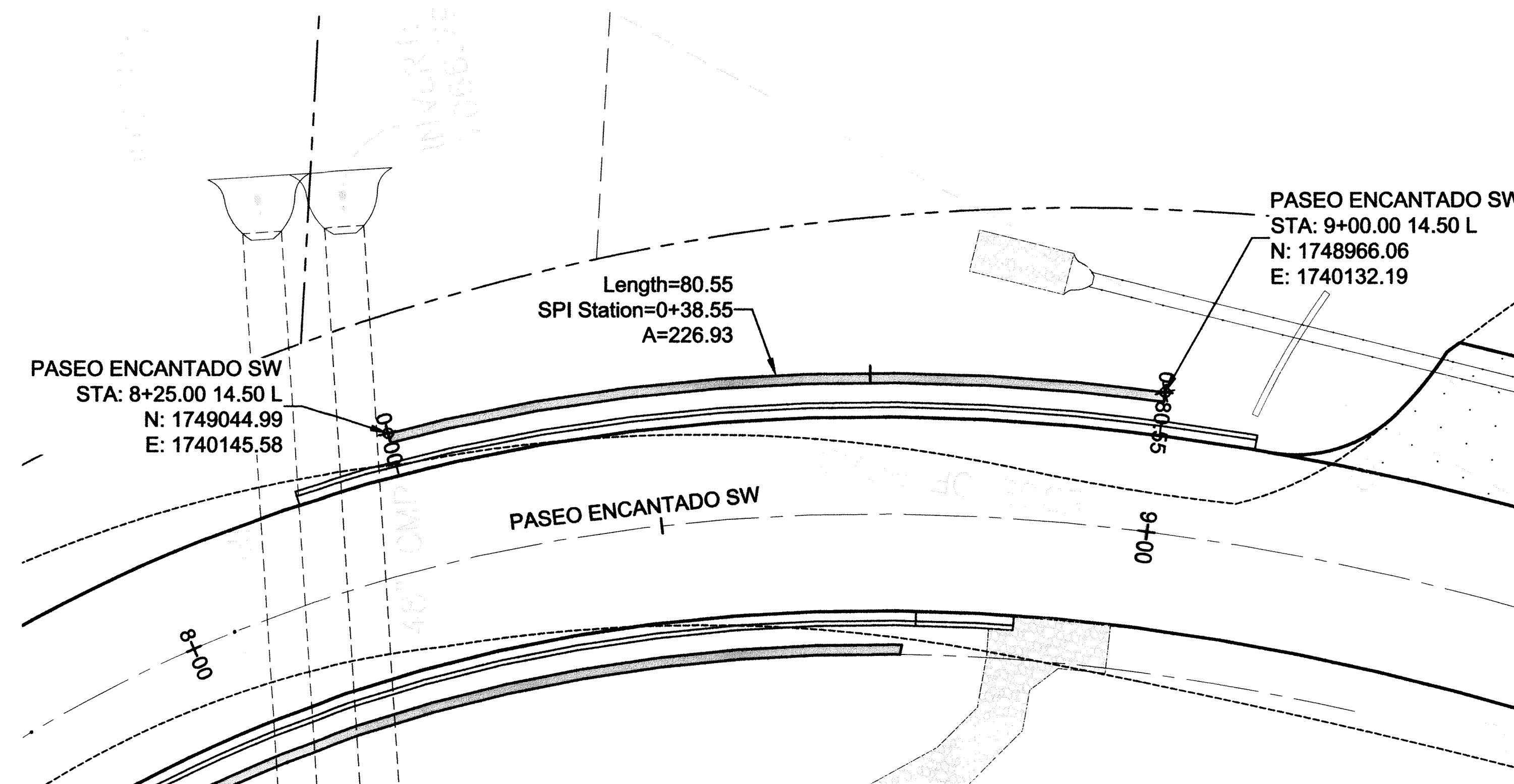
DATE:  
MARCH 2015

SCALE:  
1" = 10'

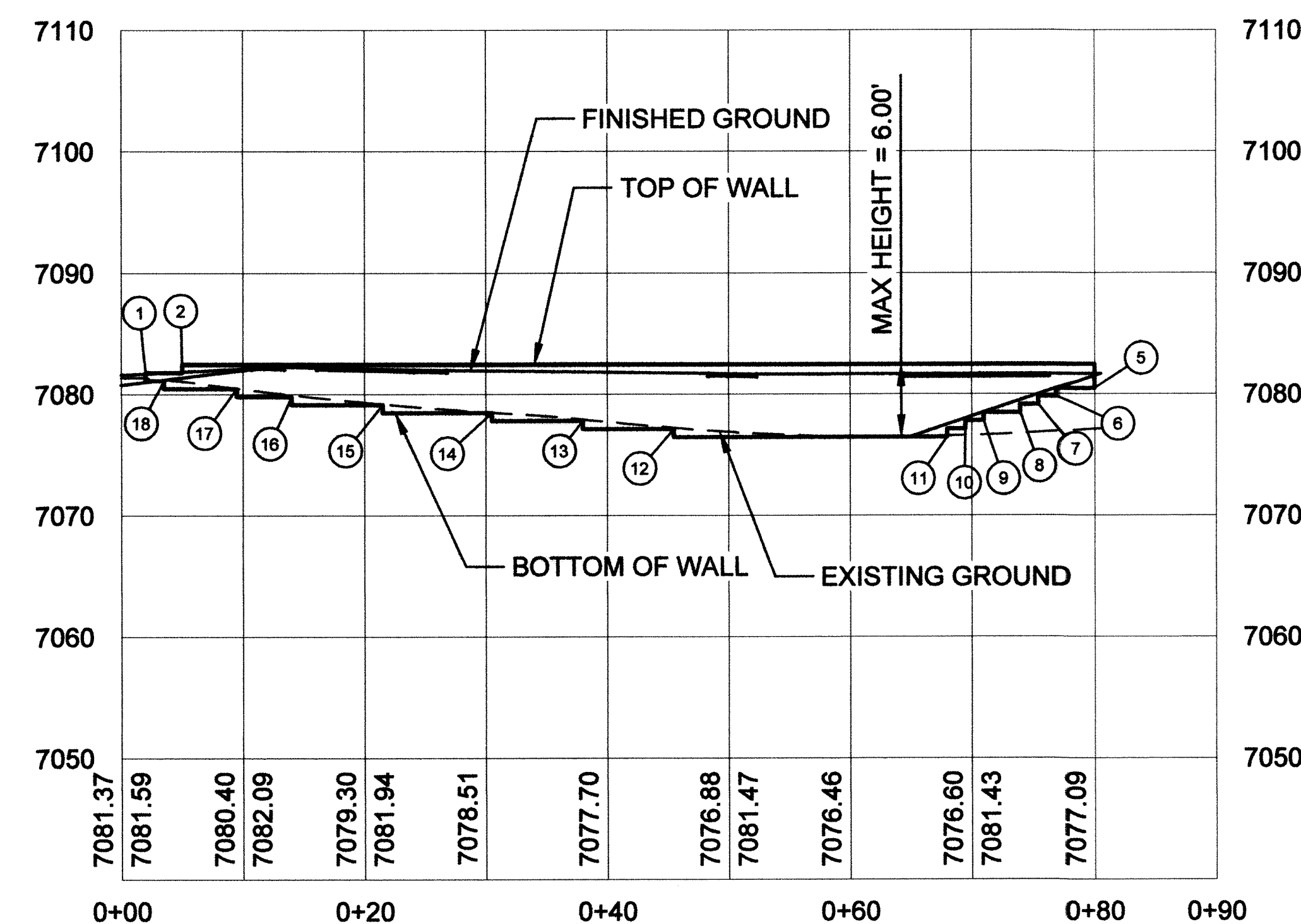
SHEET:  
6-4



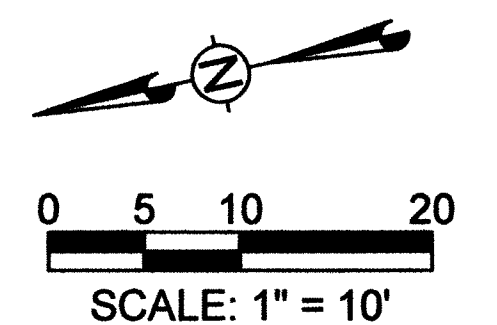
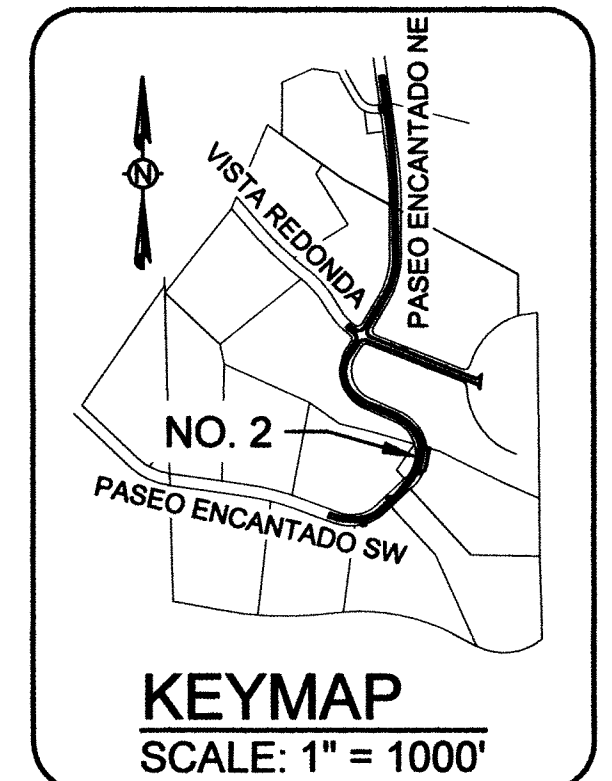





**RETAINING WALL PASEO ENCANTADO SW NO. 2 - PLAN VIEW**  
SCALE: 1" = 10'



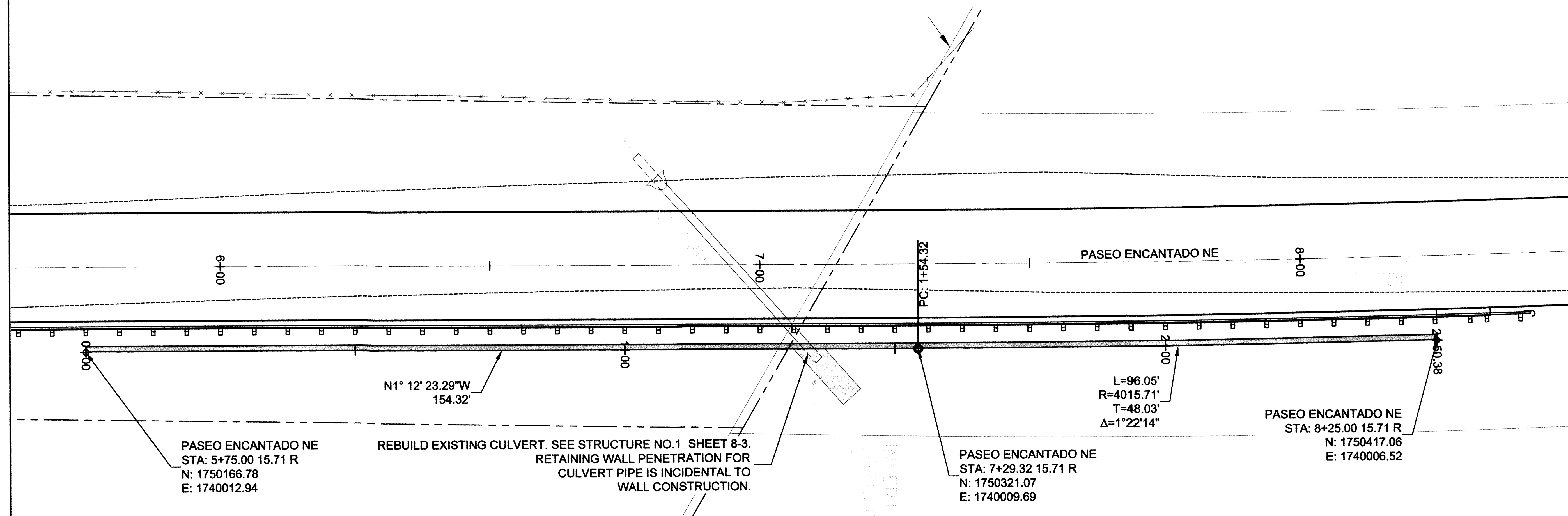
**RETAINING WALL PASEO ENCANTADO SW NO. 2 - PROFILE VIEW**  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'



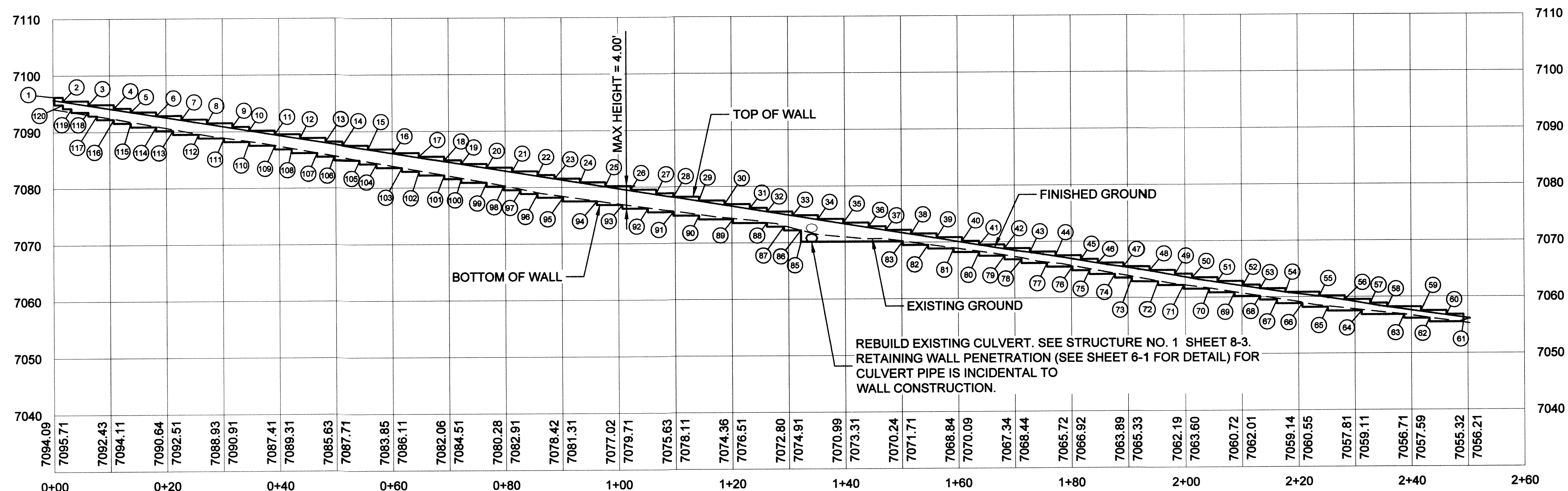
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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
			
<b>ROADWAY IMPROVEMENT PLANS FOR VISTA REDONDA SUBDIVISION ROADS PN: 2014-6197-PW/PL 100% DESIGN</b>			
<b>PASEO ENCANTADO SW NO. 2 (BASE BID)</b>			
DATE: MARCH 2015	SCALE: 1" = 10'	SHEET: 6-5	



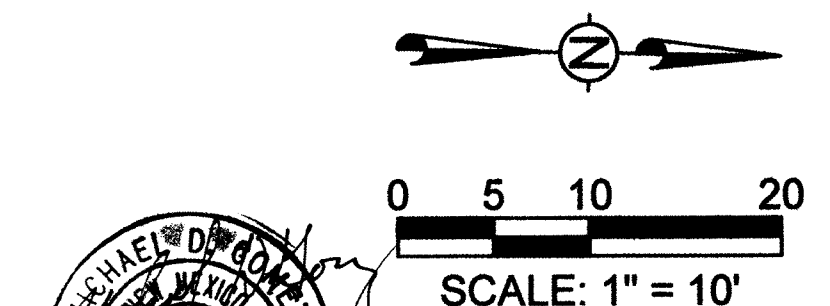
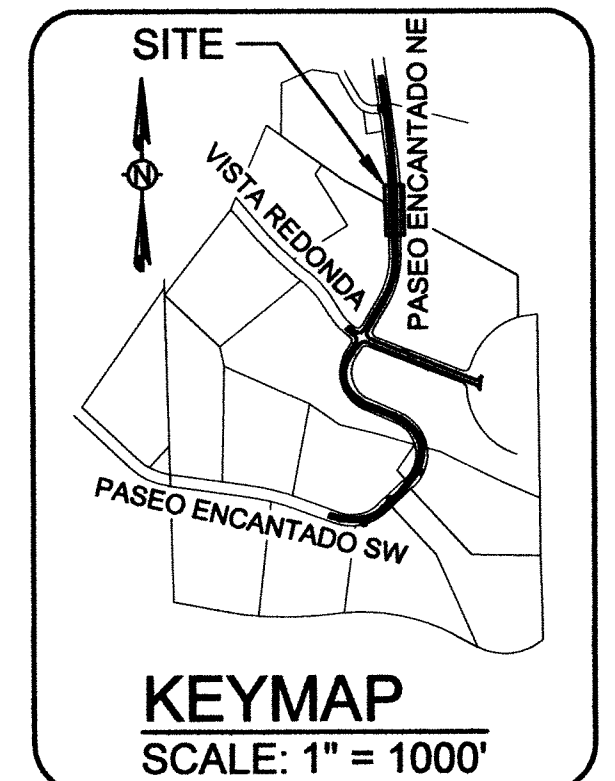




**RETAINING WALL PASEO ENCANTADO NE - PLAN VIEW**  
SCALE: 1" = 10'



**RETAINING WALL PASEO ENCANTADO NE - PROFILE VIEW**  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			



ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

PASEO ENCANTADO NE  
(ADDITIVE ALTERNATE)

DATE:  
MARCH 2015

SCALE:  
1" = 10'

SHEET:  
6-6



1	STA: 0+00.25 ELEV: 7137.30	71	STA: 5+40.25 ELEV: 7090.63
2	STA: 0+24.25 ELEV: 7136.63	72	STA: 5+47.75 ELEV: 7089.97
3	STA: 0+31.75 ELEV: 7135.97	73	STA: 5+55.25 ELEV: 7089.30
4	STA: 0+39.25 ELEV: 7135.30	74	STA: 5+61.25 ELEV: 7088.63
5	STA: 0+45.25 ELEV: 7134.63	75	STA: 5+68.75 ELEV: 7087.97
6	STA: 0+52.75 ELEV: 7133.97	76	STA: 5+74.75 ELEV: 7087.30
7	STA: 0+58.75 ELEV: 7133.30	77	STA: 5+80.75 ELEV: 7086.63
8	STA: 0+66.25 ELEV: 7132.63	78	STA: 5+91.25 ELEV: 7085.97
9	STA: 0+72.25 ELEV: 7131.97	79	STA: 5+98.75 ELEV: 7085.30
10	STA: 0+78.25 ELEV: 7131.30	80	STA: 6+09.25 ELEV: 7084.63
11	STA: 0+85.75 ELEV: 7130.63	81	STA: 6+19.75 ELEV: 7083.97
12	STA: 0+91.75 ELEV: 7129.97	82	STA: 6+31.75 ELEV: 7083.30
13	STA: 0+99.25 ELEV: 7129.30	83	STA: 6+48.25 ELEV: 7082.63
14	STA: 1+05.25 ELEV: 7128.63	84	STA: 6+76.75 ELEV: 7081.97
15	STA: 1+12.75 ELEV: 7127.97	85	STA: 7+3.75 ELEV: 7081.97
16	STA: 1+20.25 ELEV: 7127.30	<del>86</del>	<del>STA: 7+33.75 ELEV: 7081.97</del>
17	STA: 1+26.25 ELEV: 7126.63	<del>87</del>	<del>STA: 7+45.75 ELEV: 7081.97</del>
18	STA: 1+33.75 ELEV: 7125.97	<del>88</del>	<del>STA: 7+48.75 ELEV: 7079.97</del>
19	STA: 1+38.25 ELEV: 7125.30	<del>89</del>	<del>STA: 7+38.25 ELEV: 7079.97</del>
20	STA: 1+42.75 ELEV: 7124.63	90	STA: 7+3.75 ELEV: 7078.63
21	STA: 1+47.25 ELEV: 7123.97	91	STA: 7+00.75 ELEV: 7079.30
22	STA: 1+54.75 ELEV: 7123.30	92	STA: 6+61.75 ELEV: 7078.63
23	STA: 1+63.75 ELEV: 7122.63	93	STA: 6+45.25 ELEV: 7077.97
24	STA: 1+71.25 ELEV: 7121.97	94	STA: 6+40.75 ELEV: 7077.30
25	STA: 1+78.75 ELEV: 7121.30	95	STA: 6+33.25 ELEV: 7077.97
26	STA: 1+86.25 ELEV: 7120.63	96	STA: 6+28.75 ELEV: 7078.63
27	STA: 1+95.25 ELEV: 7119.97	97	STA: 6+24.25 ELEV: 7079.30
28	STA: 2+02.75 ELEV: 7119.30	98	STA: 6+19.75 ELEV: 7079.97
29	STA: 2+10.25 ELEV: 7118.63	99	STA: 6+12.25 ELEV: 7080.63
30	STA: 2+17.75 ELEV: 7117.97	100	STA: 6+03.25 ELEV: 7081.30
31	STA: 2+25.25 ELEV: 7117.30	101	STA: 6+00.25 ELEV: 7081.97
32	STA: 2+34.25 ELEV: 7116.63	102	STA: 5+97.25 ELEV: 7082.63
33	STA: 2+41.75 ELEV: 7115.97	103	STA: 5+92.75 ELEV: 7083.30
34	STA: 2+50.75 ELEV: 7115.30	104	STA: 5+86.75 ELEV: 7083.97
35	STA: 2+59.75 ELEV: 7114.63	105	STA: 5+82.25 ELEV: 7084.63
36	STA: 2+68.75 ELEV: 7113.97	106	STA: 5+76.25 ELEV: 7085.30
37	STA: 2+76.25 ELEV: 7113.30	107	STA: 5+70.25 ELEV: 7085.97
38	STA: 2+83.75 ELEV: 7112.63	108	STA: 5+67.25 ELEV: 7086.63
39	STA: 2+91.25 ELEV: 7111.97	109	STA: 5+61.25 ELEV: 7087.30
40	STA: 3+00.25 ELEV: 7111.30	110	STA: 5+56.75 ELEV: 7087.97
41	STA: 3+07.75 ELEV: 7110.63	111	STA: 5+49.25 ELEV: 7088.63
42	STA: 3+15.25 ELEV: 7109.97	112	STA: 5+43.25 ELEV: 7089.30
43	STA: 3+22.75 ELEV: 7109.30	113	STA: 5+35.75 ELEV: 7089.97
44	STA: 3+31.75 ELEV: 7108.63	114	STA: 5+28.25 ELEV: 7090.63
45	STA: 3+39.25 ELEV: 7107.97	115	STA: 5+05.75 ELEV: 7091.30
46	STA: 3+48.25 ELEV: 7107.30	116	STA: 4+99.75 ELEV: 7091.97
47	STA: 3+55.75 ELEV: 7106.63	117	STA: 4+93.75 ELEV: 7092.63
48	STA: 3+61.75 ELEV: 7105.97	118	STA: 4+86.25 ELEV: 7093.30
49	STA: 3+67.75 ELEV: 7105.30	119	STA: 4+78.75 ELEV: 7093.97
50	STA: 3+78.25 ELEV: 7104.63	120	STA: 4+53.25 ELEV: 7094.63
51	STA: 3+88.75 ELEV: 7103.97	121	STA: 4+47.25 ELEV: 7095.30
52	STA: 3+99.25 ELEV: 7103.30	122	STA: 4+42.75 ELEV: 7095.97
53	STA: 4+09.75 ELEV: 7102.63	123	STA: 4+35.25 ELEV: 7096.63
54	STA: 4+20.25 ELEV: 7101.97	124	STA: 4+29.25 ELEV: 7097.30
55	STA: 4+30.75 ELEV: 7101.30	125	STA: 4+20.25 ELEV: 7097.97
56	STA: 4+41.25 ELEV: 7100.63	126	STA: 4+09.75 ELEV: 7098.63
57	STA: 4+50.25 ELEV: 7099.97	127	STA: 4+03.75 ELEV: 7099.30
58	STA: 4+57.75 ELEV: 7099.30	128	STA: 3+97.75 ELEV: 7099.97
59	STA: 4+65.25 ELEV: 7098.63	129	STA: 3+91.75 ELEV: 7100.63
60	STA: 4+72.75 ELEV: 7097.97	130	STA: 3+85.75 ELEV: 7101.30
61	STA: 4+80.25 ELEV: 7097.30	131	STA: 3+81.25 ELEV: 7101.97
62	STA: 4+87.75 ELEV: 7096.63	132	STA: 3+70.75 ELEV: 7102.63
63	STA: 4+95.25 ELEV: 7095.97	133	STA: 3+57.25 ELEV: 7103.30
64	STA: 5+01.25 ELEV: 7095.30	134	STA: 3+43.75 ELEV: 7103.97
65	STA: 5+07.25 ELEV: 7094.63	135	STA: 3+27.25 ELEV: 7104.63
66	STA: 5+11.75 ELEV: 7093.97	136	STA: 3+22.75 ELEV: 7105.30
67	STA: 5+16.25 ELEV: 7093.30	137	STA: 3+16.75 ELEV: 7105.97
68	STA: 5+23.75 ELEV: 7092.63	138	STA: 3+09.25 ELEV: 7106.63
69	STA: 5+29.75 ELEV: 7091.97	139	STA: 3+00.25 ELEV: 7107.30
70	STA: 5+34.25 ELEV: 7091.30	140	STA: 2+82.25 ELEV: 7107.97

141	STA: 2+77.75 ELEV: 7108.63
142	STA: 2+74.75 ELEV: 7109.30
143	STA: 2+70.25 ELEV: 7109.97
144	STA: 2+64.25 ELEV: 7110.63
145	STA: 2+55.25 ELEV: 7111.30
146	STA: 2+44.75 ELEV: 7111.97
147	STA: 2+35.75 ELEV: 7112.63
148	STA: 2+29.75 ELEV: 7113.30
149	STA: 2+25.25 ELEV: 7113.97
150	STA: 2+20.75 ELEV: 7114.63
151	STA: 2+11.75 ELEV: 7115.30
152	STA: 2+04.25 ELEV: 7115.97
153	STA: 1+96.75 ELEV: 7116.63
154	STA: 1+87.75 ELEV: 7117.30
155	STA: 1+81.75 ELEV: 7117.97
156	STA: 1+75.75 ELEV: 7118.63
157	STA: 1+68.25 ELEV: 7119.30
158	STA: 1+62.25 ELEV: 7119.97
159	STA: 1+56.25 ELEV: 7120.63
160	STA: 1+50.25 ELEV: 7121.30
161	STA: 1+47.25 ELEV: 7121.97
162	STA: 1+42.75 ELEV: 7122.63
163	STA: 1+36.75 ELEV: 7123.30
164	STA: 1+29.25 ELEV: 7123.97
165	STA: 1+21.75 ELEV: 7124.63
166	STA: 1+15.75 ELEV: 7125.30
167	STA: 1+03.75 ELEV: 7125.97
168	STA: 0+94.75 ELEV: 7126.63
169	STA: 0+84.25 ELEV: 7127.30
170	STA: 0+76.75 ELEV: 7127.97
171	STA: 0+69.25 ELEV: 7128.63
172	STA: 0+63.25 ELEV: 7129.30
173	STA: 0+55.75 ELEV: 7129.97
174	STA: 0+45.25 ELEV: 7130.63
175	STA: 0+36.25 ELEV: 7131.30
176	STA: 0+27.25 ELEV: 7131.97
177	STA: 0+18.25 ELEV: 7132.63
178	STA: 0+09.25 ELEV: 7133.30
179	STA: 0+07.75 ELEV: 7133.97
180	STA: 0+04.75 ELEV: 7134.63
181	STA: 0+03.25 ELEV: 7135.30
182	STA: 0+01.75 ELEV: 7135.97

RETAINING WALL KEY POINTS - PASEO ENCANTADO SW NO. 2

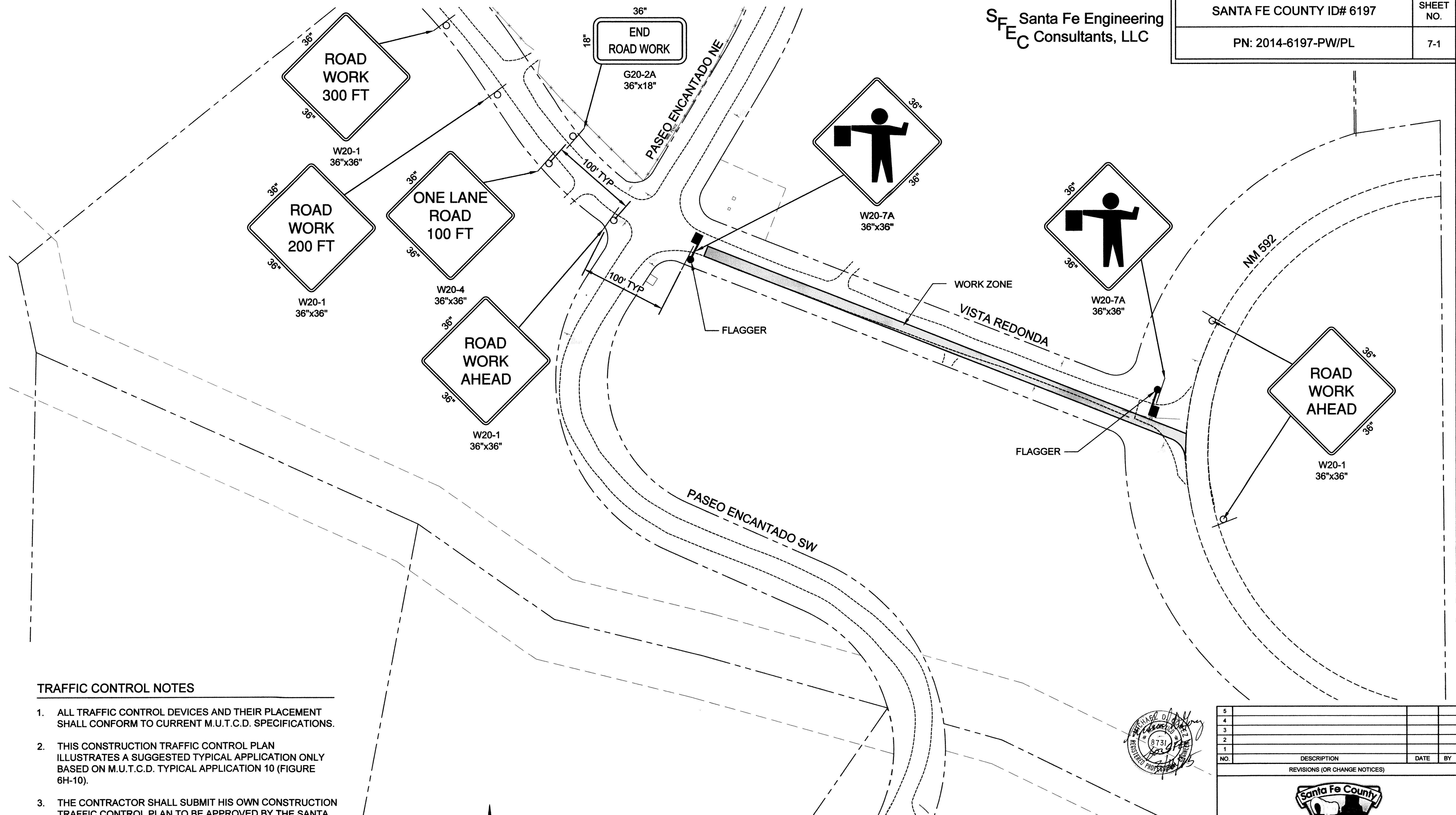
1	STA: 0+02.01 ELEV: 7081.79	(BASE BID)
2	STA: 0+05.01 ELEV: 7082.45	AREA = 337 SF
<del>3</del>	<del>STA: 0+11.01 ELEV: 7083.12</del>	
<del>4</del>	<del>STA: 0+21.51 ELEV: 7082.45</del>	
5	STA: 0+80.01 ELEV: 7080.45	
6	STA: 0+77.01 ELEV: 7079.79	
7	STA: 0+75.51 ELEV: 7079.12	
8	STA: 0+74.01 ELEV: 7078.45	
9	STA: 0+71.01 ELEV: 7077.79	
10	STA: 0+69.51 ELEV: 7077.12	
11	STA: 0+68.01 ELEV: 7076.45	
12	STA: 0+45.51 ELEV: 7077.12	
13	STA: 0+38.01 ELEV: 7077.79	
14	STA: 0+30.51 ELEV: 7078.45	
15	STA: 0+21.51 ELEV: 7079.12	
16	STA: 0+14.01 ELEV: 7079.79	
17	STA: 0+09.51 ELEV: 7080.45	
18	STA: 0+03.51 ELEV: 7081.12	

RETAINING WALL KEY POINTS - PASEO ENCANTADO NE (ADDITIVE ALTERNATE), AREA = 680 SF

1	STA: 0+00.24 ELEV: 7096.19	61	STA: 2+49.24 ELEV: 7055.53	103	STA: 0+61.74 ELEV: 7083.53
2	STA: 0+01.74 ELEV: 7095.53	62	STA: 2+43.24 ELEV: 7056.19	104	STA: 0+57.24 ELEV: 7084.19
3	STA: 0+06.24 ELEV: 7094.86	63	STA: 2+38.74 ELEV: 7056.86	105	STA: 0+54.24 ELEV: 7084.86
4	STA: 0+10.74 ELEV: 7094.19	64	STA: 2+31.24 ELEV: 7057.53	106	STA: 0+49.74 ELEV: 7085.53
5	STA: 0+13.74 ELEV: 7093.53	65	STA: 2+25.24 ELEV: 7058.19	107	STA: 0+46.74 ELEV: 7086.19
6	STA: 0+18.24 ELEV: 7092.86	66	STA: 2+20.74 ELEV: 7058.86	108	STA: 0+42.24 ELEV: 7086.86
7	STA: 0+22.74 ELEV: 7092.19	67	STA: 2+16.24 ELEV: 7059.53	109	STA: 0+39.24 ELEV: 7087.53
8	STA: 0+27.24 ELEV: 7091.53	68	STA: 2+13.24 ELEV: 7060.19	110	STA: 0+34.74 ELEV: 7088.19
9	STA: 0+31.74 ELEV: 7090.86	69	STA: 2+08.74 ELEV: 7060.86	111	STA: 0+30.24 ELEV: 7088.86
10	STA: 0+34.74 ELEV: 7090.19	70	STA: 2+04.24 ELEV: 7061.53	112	STA: 0+25.74 ELEV: 7089.53
11	STA: 0+39.24 ELEV: 7089.53	71	STA: 1+99.74 ELEV: 7062.19	113	STA: 0+21.24 ELEV: 7090.19
12	STA: 0+43.74 ELEV: 7088.86	72	STA: 1+95.24 ELEV: 7062.86	114	STA: 0+18.24 ELEV: 7090.86
13	STA: 0+48.24 ELEV: 7088.19	73	STA: 1+90.74 ELEV: 7063.53	115	STA: 0+13.74 ELEV: 7091.53
14	STA: 0+51.24 ELEV: 7087.53	74	STA: 1+87.74 ELEV: 7064.19	116	STA: 0+10.74 ELEV: 7092.19
15	STA: 0+55.74 ELEV: 7086.86	75	STA: 1+83.24 ELEV: 7064.86	117	STA: 0+07.74 ELEV: 7092.86
16	STA: 0+60.24 ELEV: 7086.19	76	STA: 1+80.24 ELEV: 7065.53	118	STA: 0+06.24 ELEV: 7093.53
17	STA: 0+64.74 ELEV: 7085.53	77	STA: 1+75.74 ELEV: 7066.19	119	STA: 0+03.24 ELEV: 7094.19
18	STA: 0+69.24 ELEV: 7084.86	78	STA: 1+71.24 ELEV: 7066.86	120	STA: 0+01.74 ELEV: 7094.86
19	STA: 0+72.24 ELEV: 7084.19	79	STA: 1+68.24 ELEV: 7067.53		
20	STA: 0+76.74 ELEV: 7083.53	80	STA: 1+63.74 ELEV: 7068.19		
21	STA: 0+81.24 ELEV: 7082.86	81	STA: 1+59.24 ELEV: 7068.86		
22	STA: 0+85.74 ELEV: 7082.19	82	STA: 1+54.74 ELEV: 7069.53		
23	STA: 0+88.74 ELEV: 7081.53	83	STA: 1+50.24 ELEV: 7070.19		
24	STA: 0+93.24 ELEV: 7080.86	<del>84</del>	<del>STA: 1+41.24 ELEV: 7070.86</del>		
25	STA: 0+97.74 ELEV: 7080.19	85	STA: 1+32.24 ELEV: 7070.19		
26	STA: 1+02.24 ELEV: 7079.53	86	STA: 1+32.24 ELEV: 7072.19		
27	STA: 1+06.74 ELEV: 7078.86	87	STA: 1+29.24 ELEV: 7072.86		
28	STA: 1+09.74 ELEV: 7078.19	88	STA: 1+26.24 ELEV: 7073.53		
29	STA: 1+14.24 ELEV: 7077.53	89	STA: 1+20.24 ELEV: 7074.19		
30	STA: 1+18.74 ELEV: 7076.86	90	STA: 1+14.24 ELEV: 7074.86		
31	STA: 1+23.24 ELEV: 7076.19	91	STA: 1+09.74 ELEV: 7075.53		
32	STA: 1+26.24 ELEV: 7075.53	92	STA: 1+05.24 ELEV: 7076.19		
33	STA: 1+30.74 ELEV: 7074.86	93	STA: 1+00.74 ELEV: 7076.86		
34	STA: 1+35.24 ELEV: 7074.19	94	STA: 0+96.24 ELEV: 7077.53		
35	STA: 1+39.74 ELEV: 7073.53	95	STA: 0+90.24 ELEV: 7078.19		
36	STA: 1+44.24 ELEV: 7072.86	96	STA: 0+85.74 ELEV: 7078.86		
37	STA: 1+47.24 ELEV: 7072.19	97	STA: 0+82.74 ELEV: 7079.53		
38	STA: 1+51.74 ELEV: 7071.53	98	STA: 0+79.74 ELEV: 7080.19		
39	STA: 1+56.24 ELEV: 7070.86	99	STA: 0+76.74 ELEV: 7080.86		
40	STA: 1+60.74 ELEV: 7070.19	100	STA: 0+72.24 ELEV: 7081.53		
41	STA: 1+63.74 ELEV: 7069.53	101	STA: 0+69.24 ELEV: 7082.19		
42	STA: 1+68.24 ELEV: 7068.86	102	STA: 0+64.74 ELEV: 7082.86		

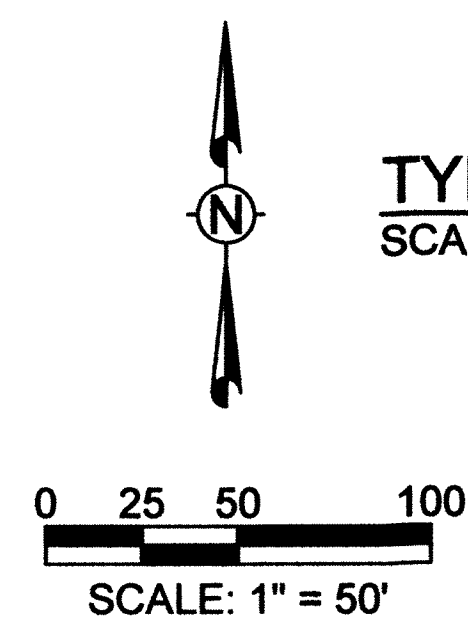
NOTE:  
KEY POINTS THAT HAVE BEEN  
CROSSED OUT ARE UNUSED  
AND DO NOT APPEAR ON PLAN  
AND PROFILES.





# TRAFFIC CONTROL NOTES

- ALL TRAFFIC CONTROL DEVICES AND THEIR PLACEMENT SHALL CONFORM TO CURRENT M.U.T.C.D. SPECIFICATIONS.
- THIS CONSTRUCTION TRAFFIC CONTROL PLAN ILLUSTRATES A SUGGESTED TYPICAL APPLICATION ONLY BASED ON M.U.T.C.D. TYPICAL APPLICATION 10 (FIGURE 6H-10).
- THE CONTRACTOR SHALL SUBMIT HIS OWN CONSTRUCTION TRAFFIC CONTROL PLAN TO BE APPROVED BY THE SANTA FE COUNTY TRAFFIC MANAGER. CONTACT JOHNNY BACA (505) 992-3020.
- HOURS OF OPERATIONS SHALL BE LIMITED TO MONDAY THROUGH SATURDAY, 8:00 AM TO 5:00 PM.
- THE CONTRACTOR SHALL NOTIFY THE PUBLIC, MEDIA, EMERGENCY SERVICES AND SANTA FE PUBLIC SCHOOLS TRANSPORTATION OF ROAD CLOSURES. THIS IS CONSIDERED INCIDENTAL TO CONSTRUCTION.
- MAXIMUM WORK ZONE 1/4 MILE.



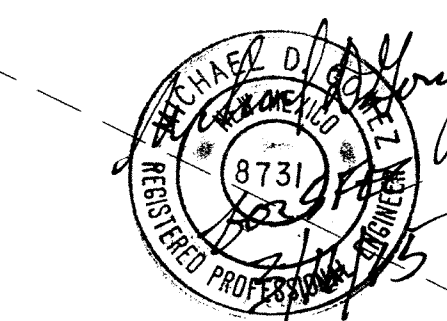
## TYPICAL CONSTRUCTION TRAFFIC CONTROL PLAN SCALE: 1" = 50'

## LEGEND

SIGN

FLAGGER

WORK ZONE



5			
4			
3			
2			
1			
NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)



ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

TYPICAL CONSTRUCTION  
TRAFFIC CONTROL PLAN

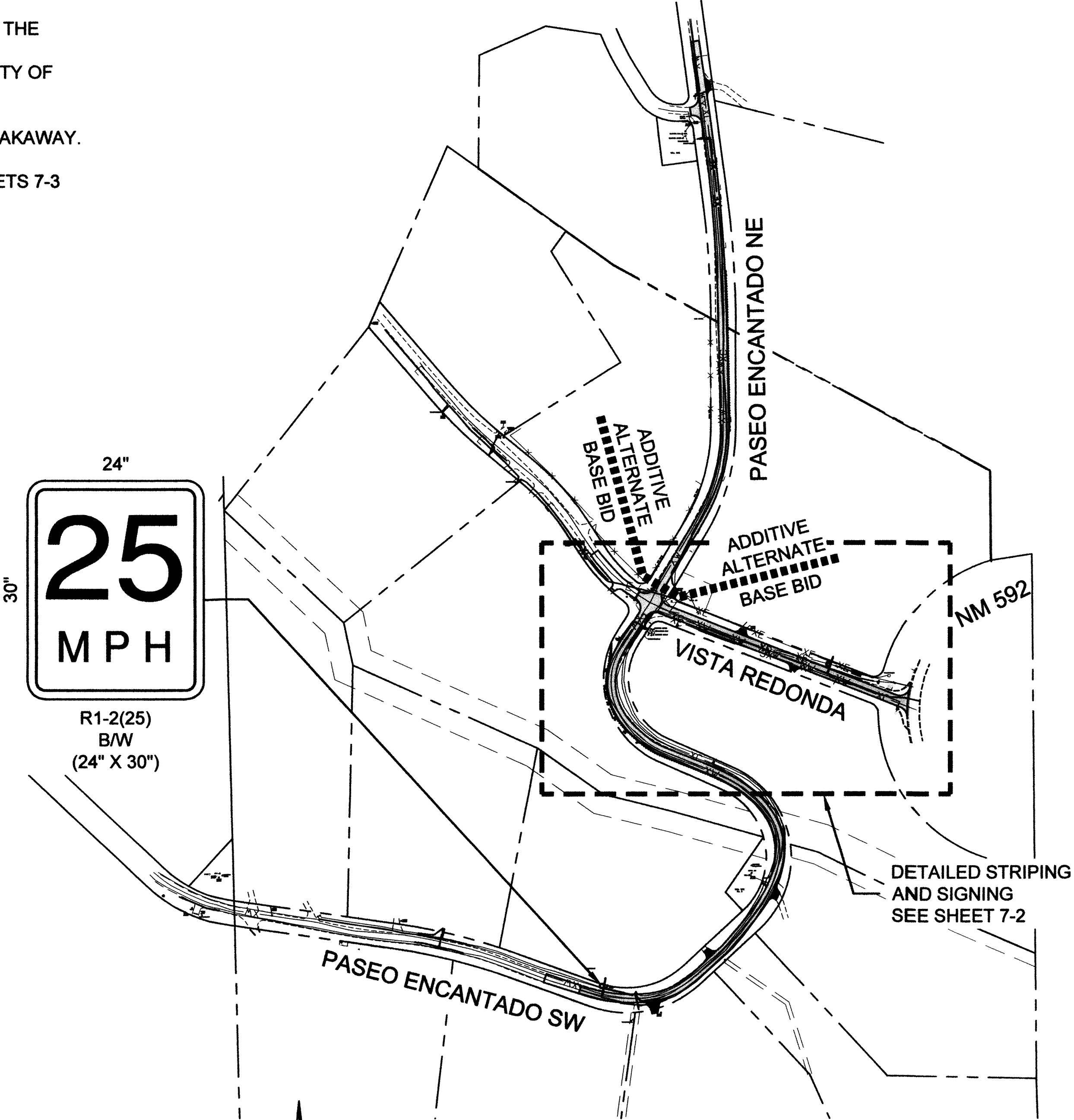
DATE:  
MARCH 2015

SCALE:  
1" = 50'

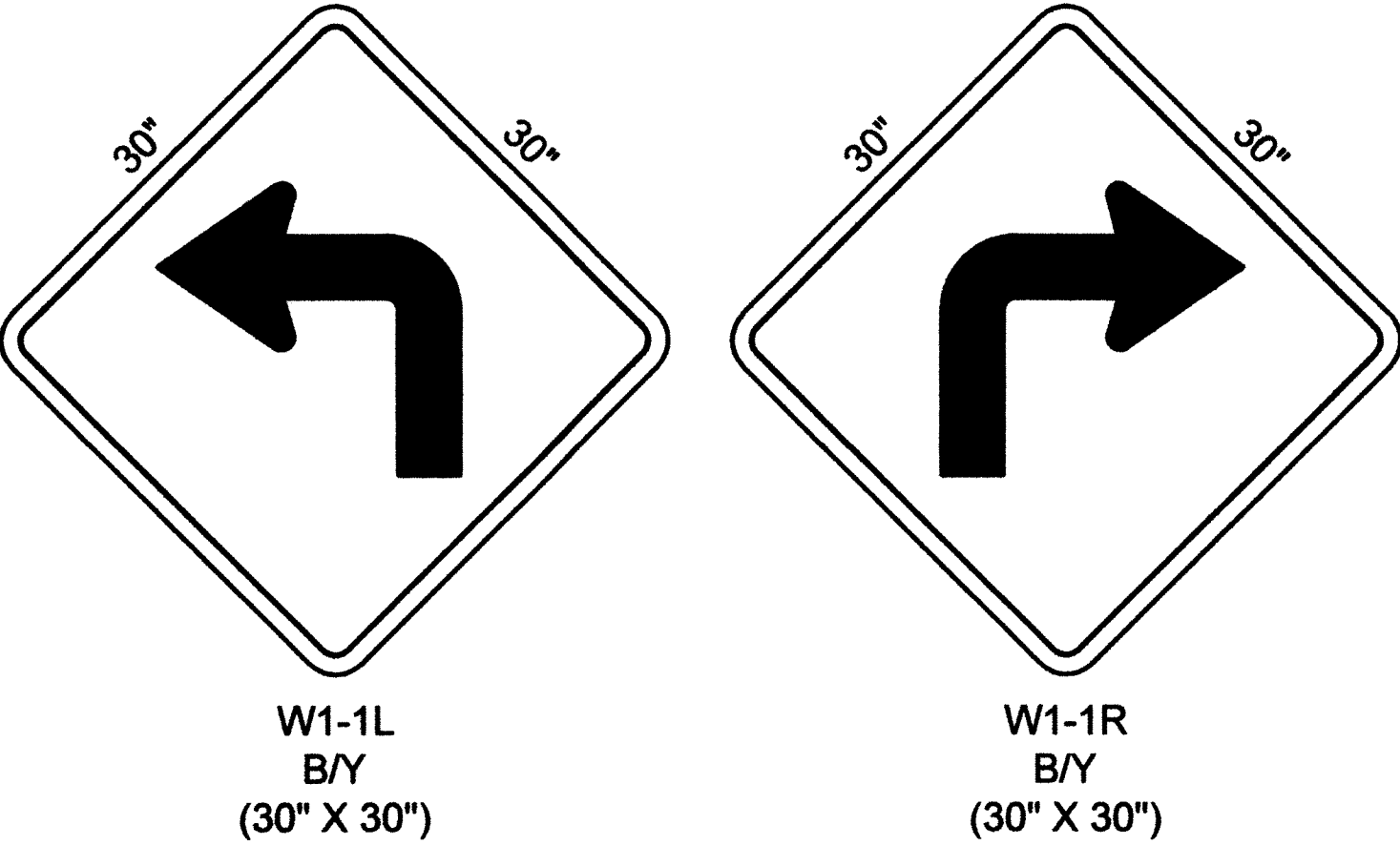
SHEET:  
7-1



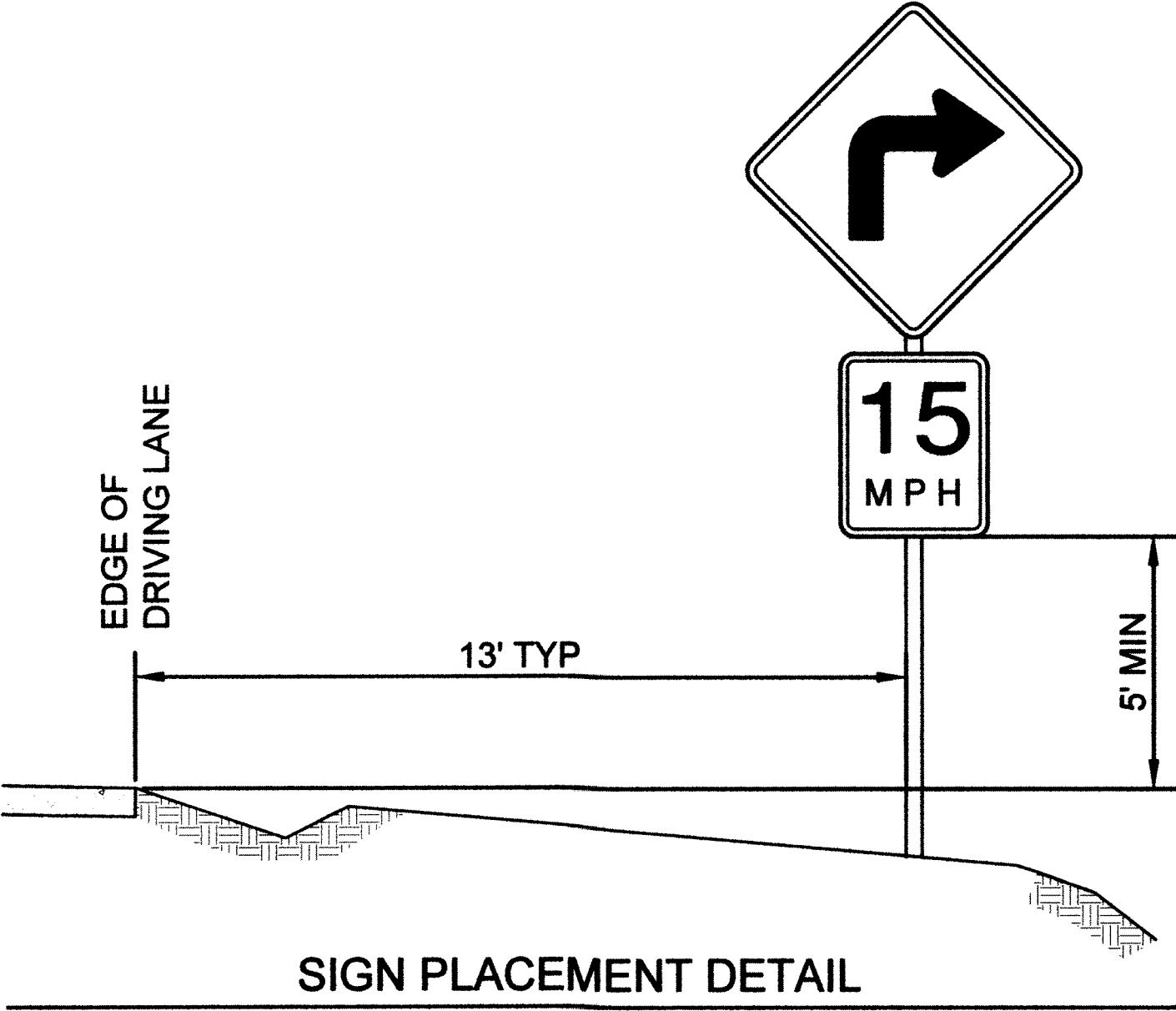
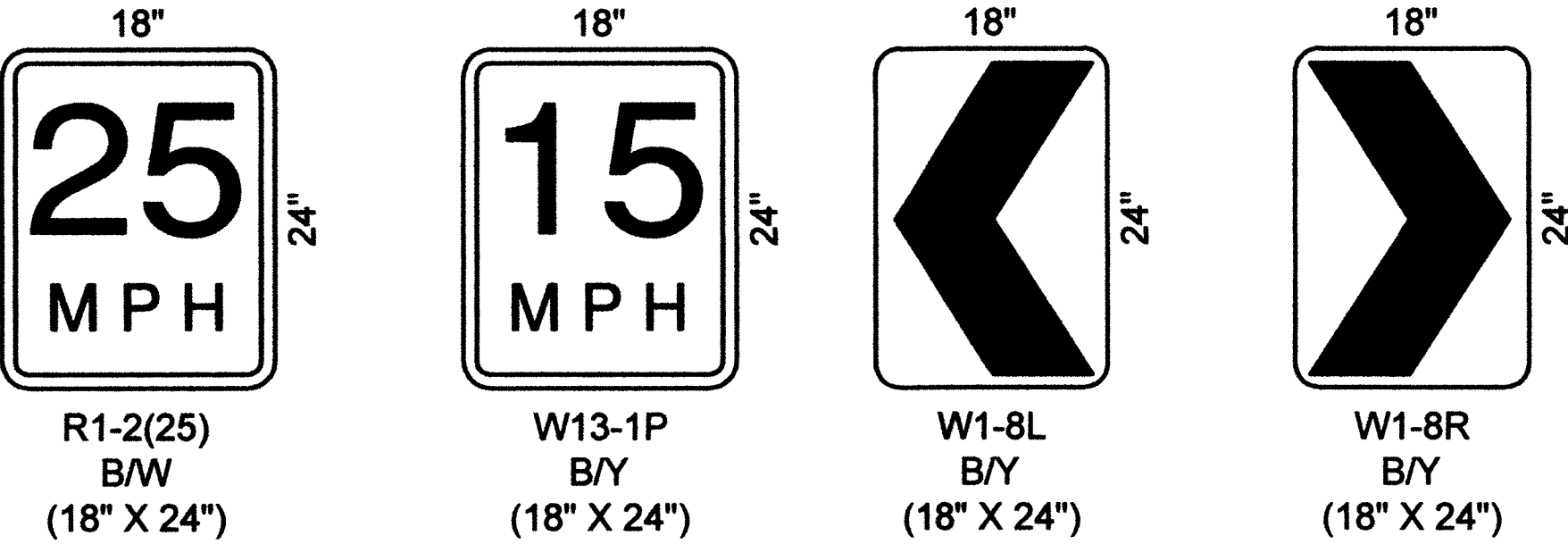
- NOTES:
- 1. ALL PRE-FORMED PAVEMENT MARKINGS SHALL BE 380 IES BY "3M". NO SUBSTITUTIONS
  - 2. UNLESS OTHERWISE NOTED, ALL SIGNING AND STRIPING SHALL CONFORM TO CURRENT M.U.T.C.D. SPECIFICATIONS.
  - 3. ALL SIGN FACE SHEETING SHALL CONFORM TO THE N.M.D.O.T. SIGNING AND STRIPING MANUAL, SECTIONS 2.1.9, 2.1.10 & 2.1.11
  - 4. ALL SIGNS INSTALLED SHALL BE NEW. REMOVE ALL EXISTING CONFLICTED SIGNS AT THE DIRECTION OF THE PROJECT MANAGER.
  - 5. REMOVED SIGNS SHALL BE SALVAGED AND STORED FOR FUTURE USE BY THE COUNTY OF SANTA FE. CONTRACTOR TO COORDINATE SALVAGE LOCATION WITH THE COUNTY.
  - 6. MINIMUM SIGN THICKNESS TO BE 0.080".
  - 7. NEW SIGNS TO BE MOUNTED ON 10' BLACK U-CHANNEL POLES WITH LAP SPLICE BREAKAWAY. ANCHORS TO BE 6" ABOVE GROUND.
  - 8. EXISTING R1-1 (STOP) SIGNS TO BE REMOVED AND RELOCATED AS NOTED. SEE SHEETS 7-3 AND 7-4.



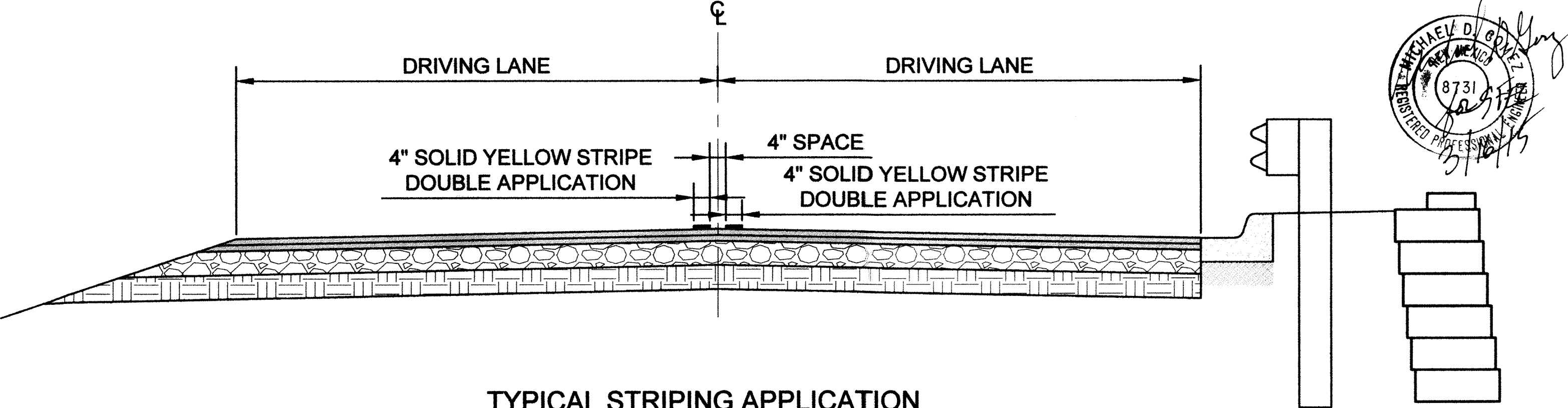
SIGNING AND STRIPING PLAN - OVERALL (BASE BID)  
SCALE: 1" = 200'




PROPOSED SIGN FACE DETAILS



SIGN PLACEMENT DETAIL



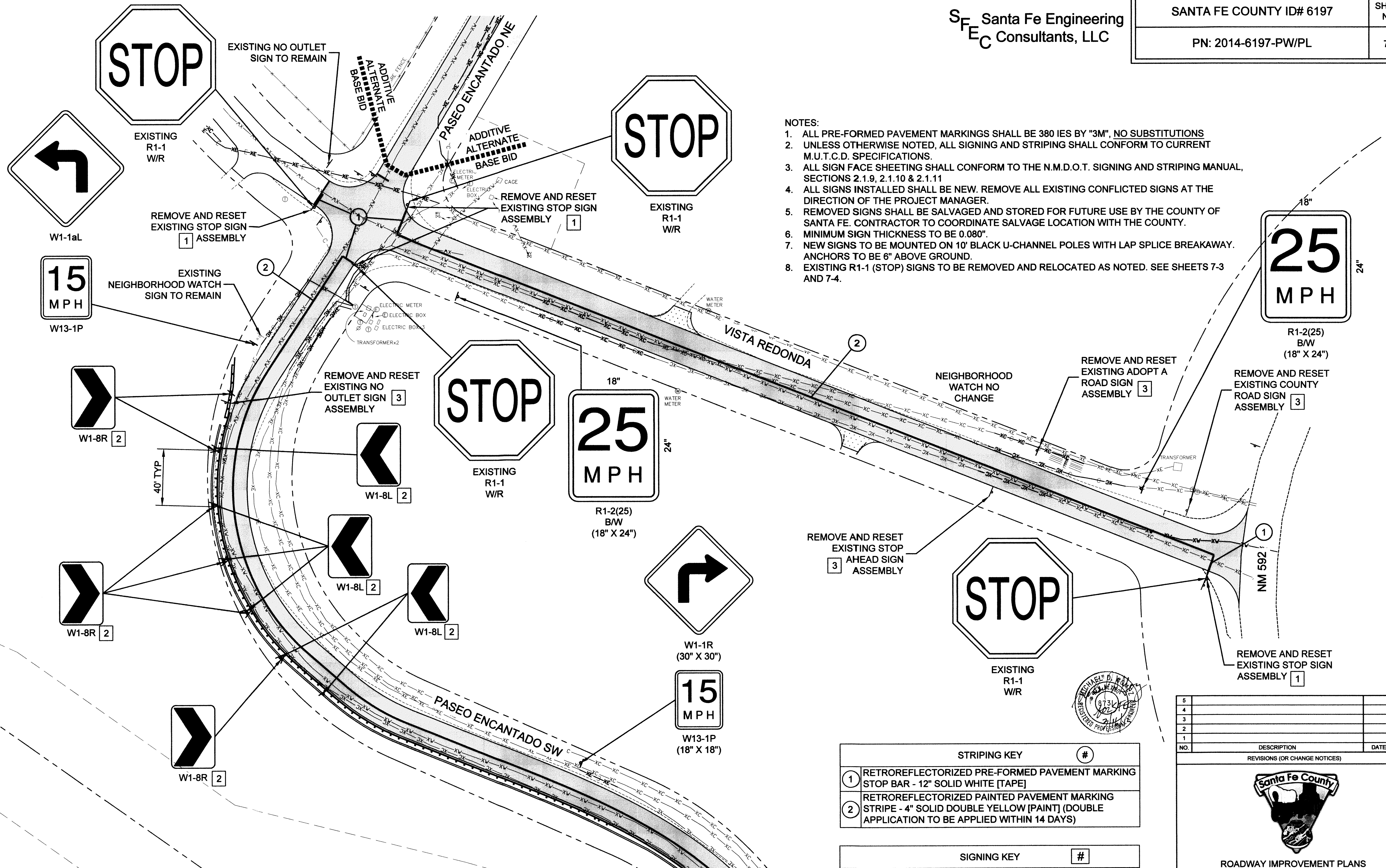
TYPICAL STRIPING APPLICATION

5			
4			
3			
2			
1			
NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
 ROADWAY IMPROVEMENT PLANS FOR VISTA REDONDA SUBDIVISION ROADS PN: 2014-6197-PW/PL 100% DESIGN SIGNING AND STRIPING PLAN - OVERALL (BASE BID)			
DATE:	SCALE:	SHEET:	
MARCH 2015	1" = 200'	7-2	



NOTES:

1. ALL PRE-FORMED PAVEMENT MARKINGS SHALL BE 380 IES BY "3M", NO SUBSTITUTIONS
2. UNLESS OTHERWISE NOTED, ALL SIGNING AND STRIPING SHALL CONFORM TO CURRENT M.U.T.C.D. SPECIFICATIONS.
3. ALL SIGN FACE SHEETING SHALL CONFORM TO THE N.M.D.O.T. SIGNING AND STRIPING MANUAL, SECTIONS 2.1.9, 2.1.10 & 2.1.11
4. ALL SIGNS INSTALLED SHALL BE NEW. REMOVE ALL EXISTING CONFLICTED SIGNS AT THE DIRECTION OF THE PROJECT MANAGER.
5. REMOVED SIGNS SHALL BE SALVAGED AND STORED FOR FUTURE USE BY THE COUNTY OF SANTA FE. CONTRACTOR TO COORDINATE SALVAGE LOCATION WITH THE COUNTY.
6. MINIMUM SIGN THICKNESS TO BE 0.080".
7. NEW SIGNS TO BE MOUNTED ON 10' BLACK U-CHANNEL POLES WITH LAP SPLICE BREAKAWAY. ANCHORS TO BE 6" ABOVE GROUND.
8. EXISTING R1-1 (STOP) SIGNS TO BE REMOVED AND RELOCATED AS NOTED. SEE SHEETS 7-3 AND 7-4.



0 15 30 60  
SCALE: 1" = 30'



STRIPING AND SIGNING PLAN - DETAIL  
SCALE: 1" = 30'

STRIPING KEY

- | # | DESCRIPTION   |
|---|---|
| 1 | RETROREFLECTORIZED PRE-FORMED PAVEMENT MARKING STOP BAR - 12" SOLID WHITE [TAPE]  |
| 2 | RETROREFLECTORIZED PAINTED PAVEMENT MARKING STRIPE - 4" SOLID DOUBLE YELLOW [PAINT] (DOUBLE APPLICATION TO BE APPLIED WITHIN 14 DAYS) |

SIGNING KEY

- | # | DESCRIPTION  |
|---|--|
| 1 | EXISTING STREET NAME SIGNS AND ATTACHED R1-1 STOP SIGNS ARE TO BE RELOCATED AS A COMPLETE ASSEMBLY |
| 2 | W1-8 SIGNS MUST BE DOUBLE MOUNTED (BACK TO BACK) SEE SHEET 7-2 FOR SIZE OF SIGN                    |
| 3 | EXISTING TO BE RELOCATED PER CURRENT M.U.T.C.D.  |

NO.	DESCRIPTION	DATE	BY
5			
4			
3			
2			
1			



ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

SIGNING AND STRIPING PLAN - DETAIL  
(BASE BID)

DATE:  
MARCH 2015

SCALE:  
1" = 30'

SHEET:  
7-3

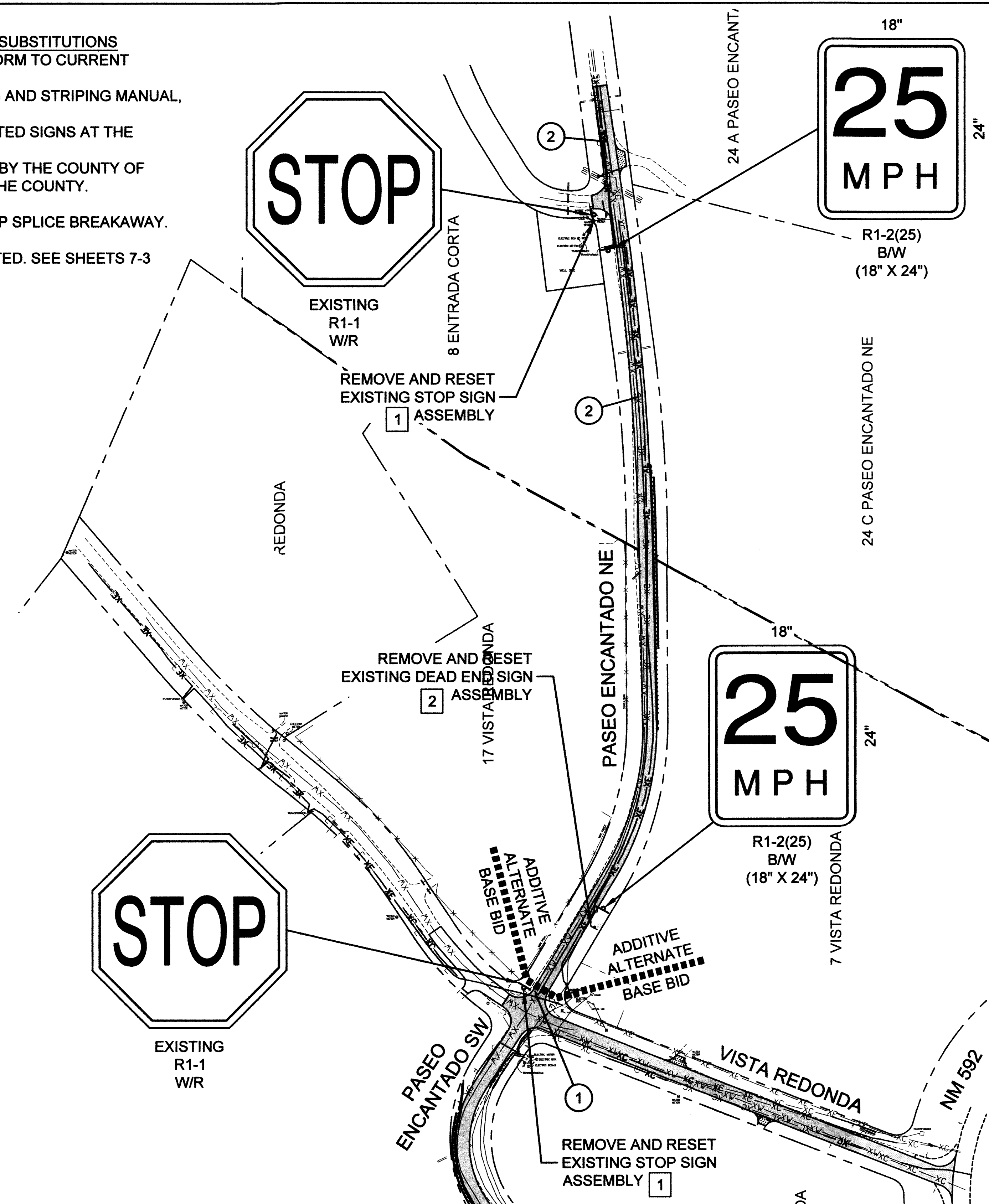


1. ALL PRE-FORMED PAVEMENT MARKINGS SHALL BE 380 IES BY "3M", NO SUBSTITUTIONS
2. UNLESS OTHERWISE NOTED, ALL SIGNING AND STRIPING SHALL CONFORM TO CURRENT M.U.T.C.D. SPECIFICATIONS.
3. ALL SIGN FACE SHEETING SHALL CONFORM TO THE N.M.D.O.T. SIGNING AND STRIPING MANUAL, SECTIONS 2.1.9, 2.1.10 & 2.1.11
4. ALL SIGNS INSTALLED SHALL BE NEW. REMOVE ALL EXISTING CONFLICTED SIGNS AT THE DIRECTION OF THE PROJECT MANAGER.
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6. MINIMUM SIGN THICKNESS TO BE 0.080".
7. NEW SIGNS TO BE MOUNTED ON 10' BLACK U-CHANNEL POLES WITH LAP SPLICE BREAKAWAY. ANCHORS TO BE 6" ABOVE GROUND.
8. EXISTING R1-1 (STOP) SIGNS TO BE REMOVED AND RELOCATED AS NOTED. SEE SHEETS 7-3 AND 7-4.

**S<sub>F</sub>E<sub>C</sub> Santa Fe Engineering  
Consultants, LLC**

SHEET  
NO.

7-4



STRIPING KEY		#
①	RETROREFLECTORIZED PRE-FORMED PAVEMENT MARKING STOP BAR - 12" SOLID WHITE [TAPE]	
②	RETROREFLECTORIZED PAINTED PAVEMENT MARKING STRIPE - 4" SOLID DOUBLE YELLOW [PAINT] (DOUBLE APPLICATION TO BE APPLIED WITHIN 14 DAYS)	

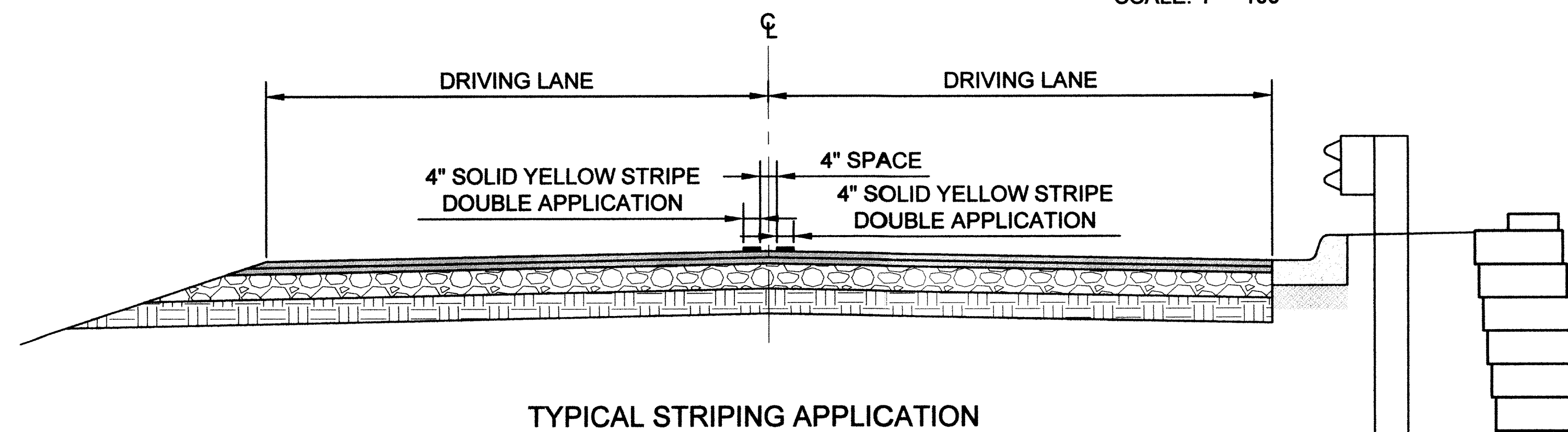
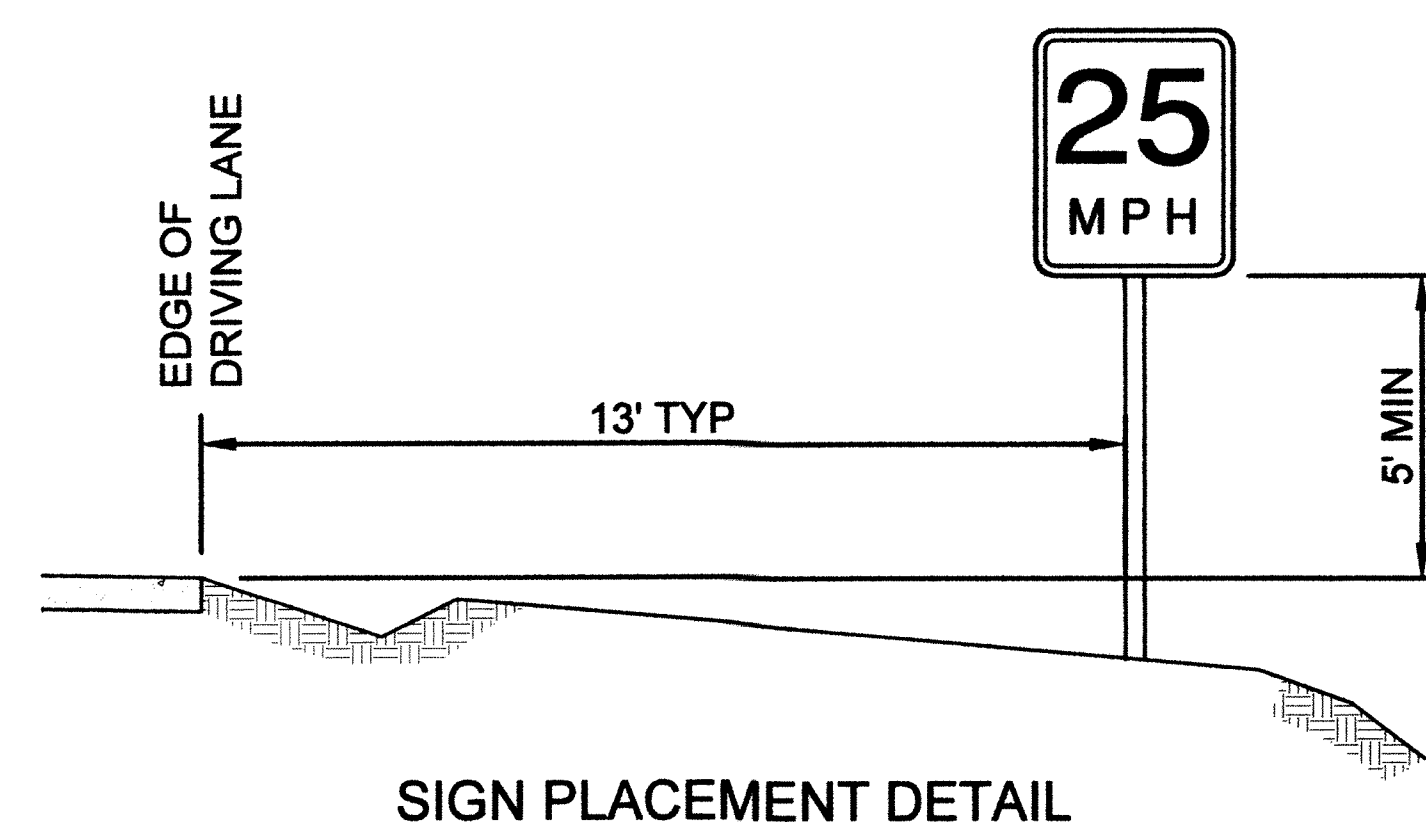
SIGNING KEY		#
1	EXISTING STREET NAME SIGNS AND ATTACHED R1-1 STOP SIGNS ARE TO BE RELOCATED AS A COMPLETE ASSEMBLY	
2	EXISTING TO BE RELOCATED PER CURRENT M.U.T.C.D.	



### PROPOSED SIGN FACE DETAIL

### SIGNING AND STRIPING PLAN (ADDITIVE ALTERNATE)

SCALE: 1" = 100'



5			
4			
3			
2			
1			
NO.	DESCRIPTION	DATE	
REVISIONS (OR CHANGE NOTICES)			



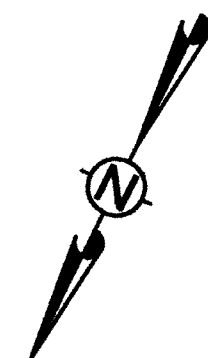
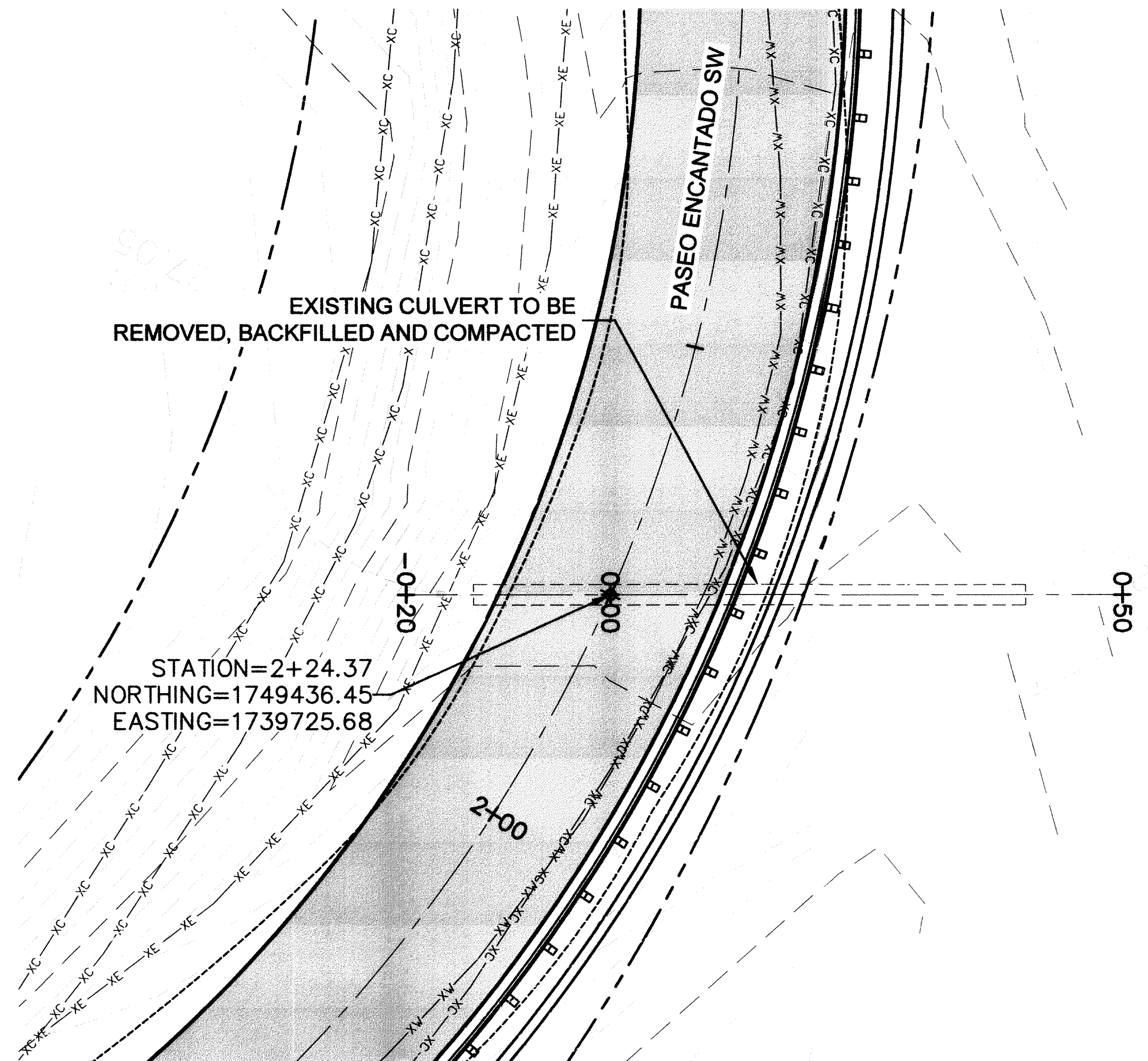
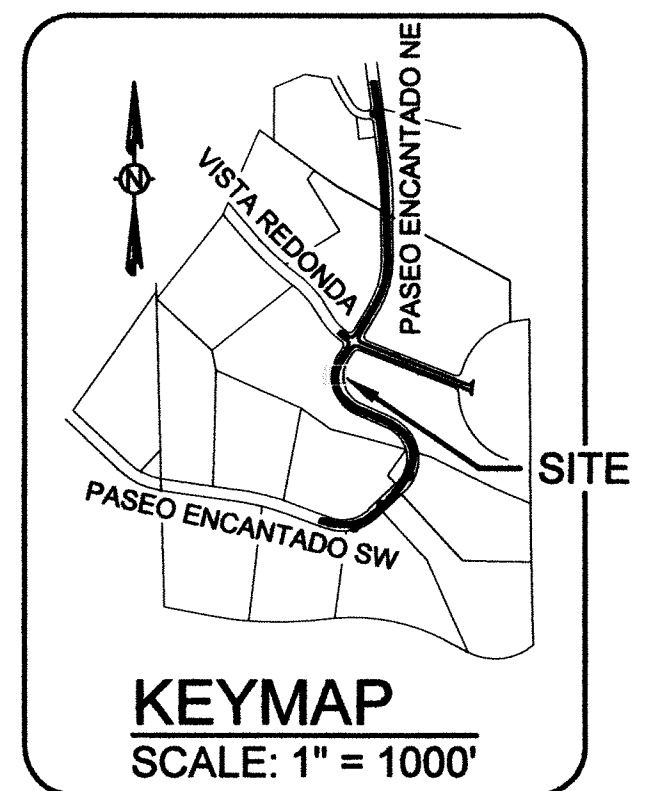
**ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN**

## SIGNING AND STRIPING PLAN (ADDITIVE ALTERNATE)

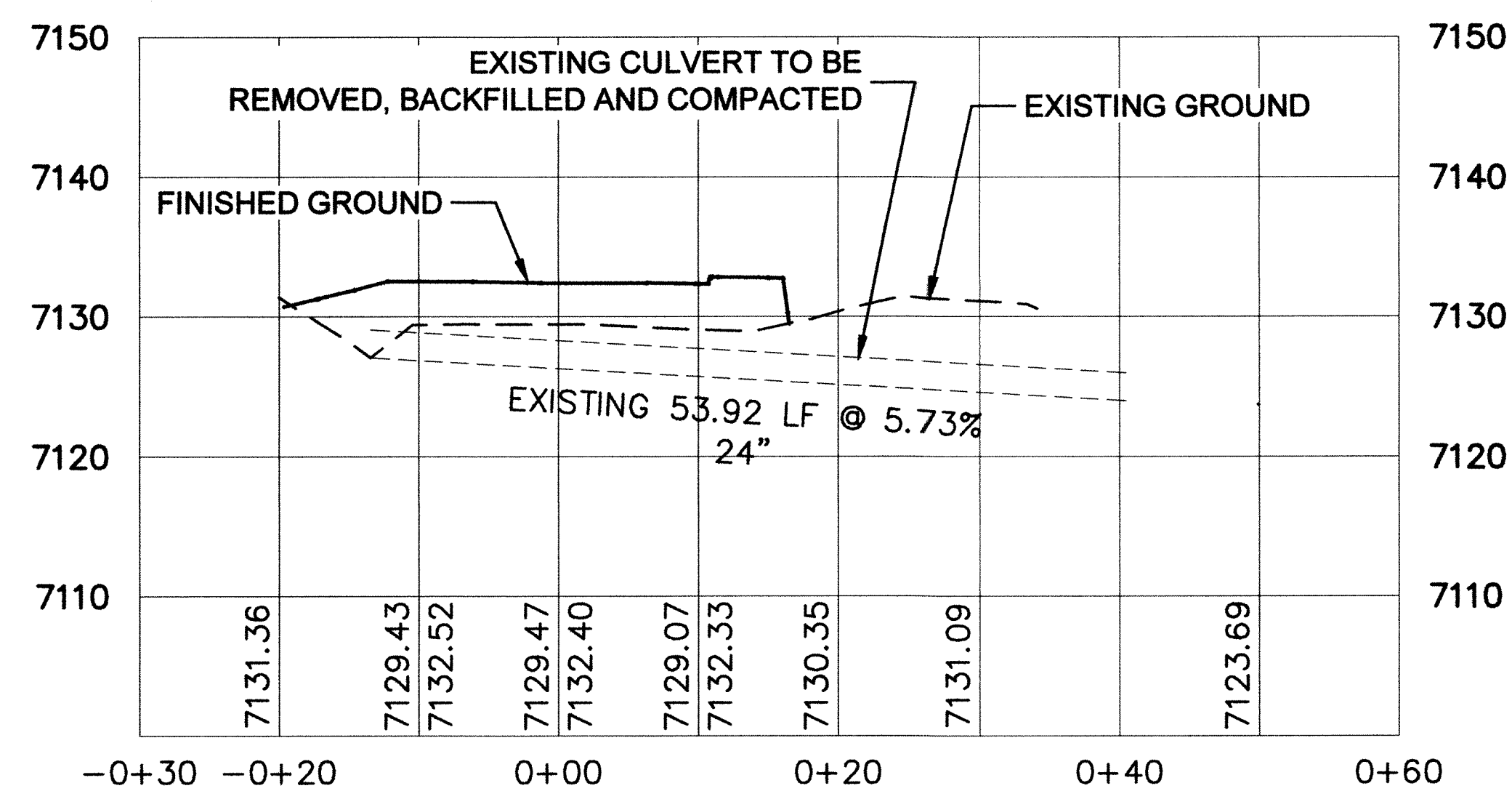
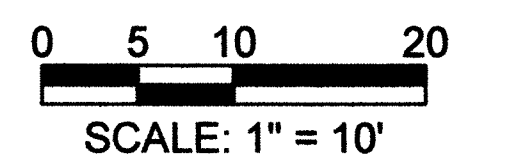
DATE:  
MARCH 2015

SCALE:  
1" = 100'

SHEET:  
7-4



**PASEO ENCANTADO SW STRUCTURE 1 - PLAN VIEW**  
SCALE: 1" = 10'



**PASEO ENCANTADO SW STRUCTURE 1 - PROFILE VIEW**  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'

5			
4			
3			
2			
1			
NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)



ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

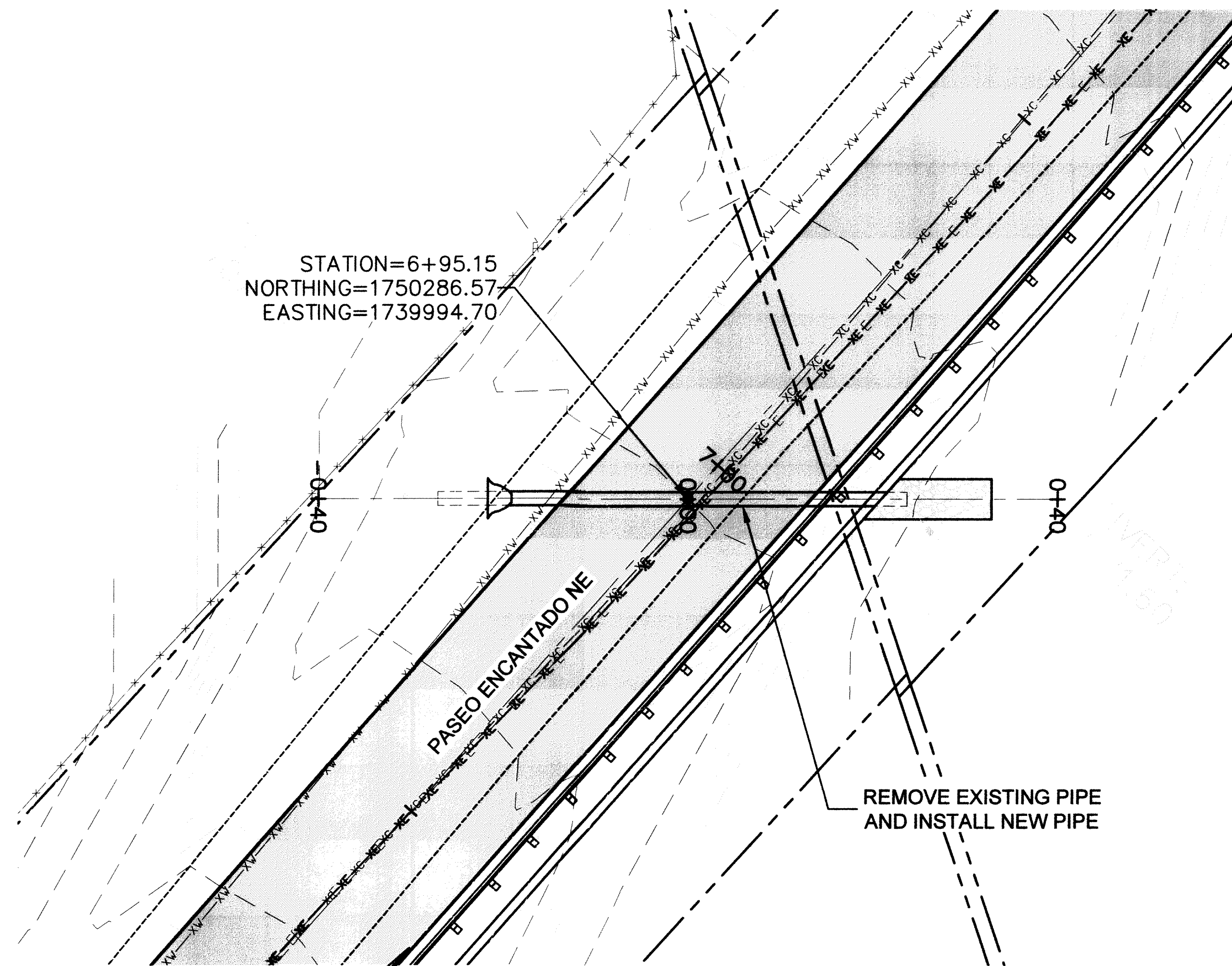
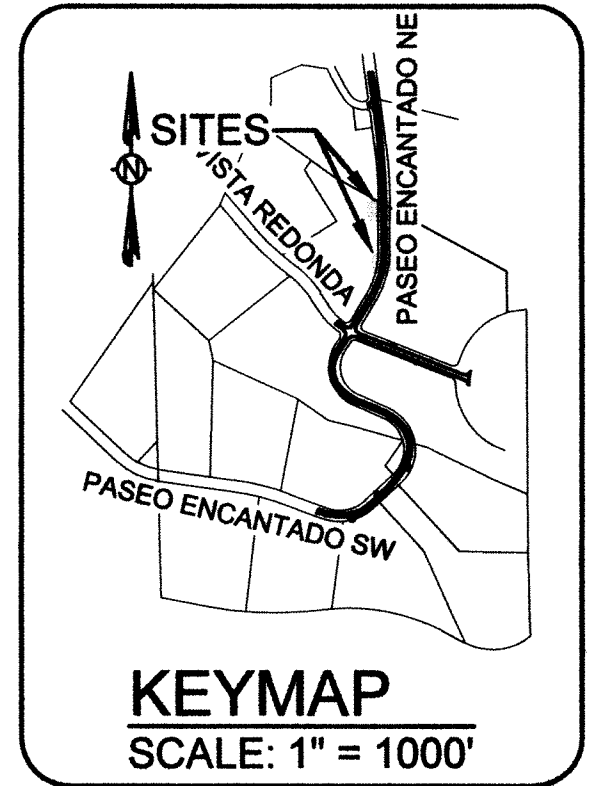
STRUCTURE SECTIONS (BASE BID)



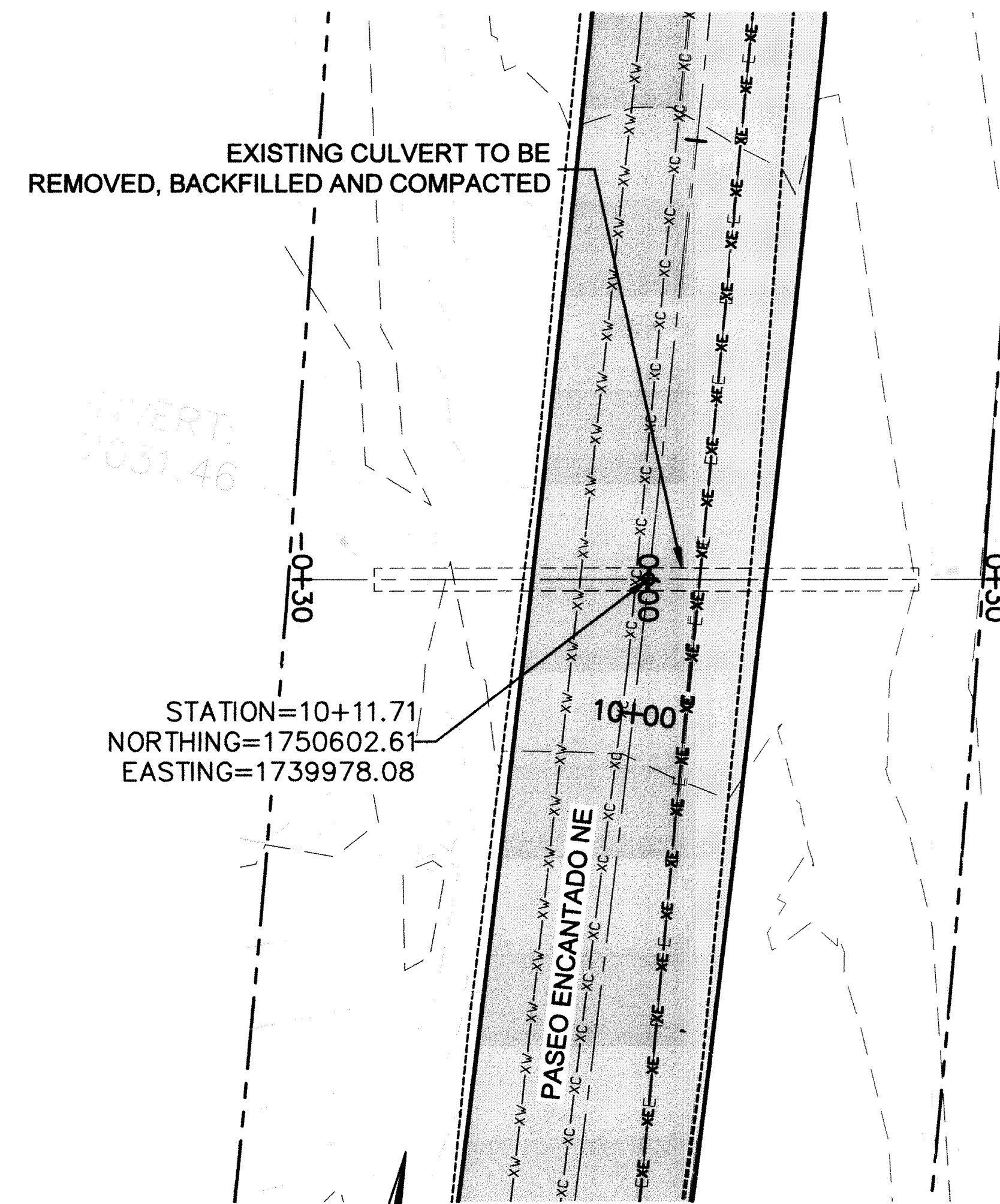


SHEET:  
8-2

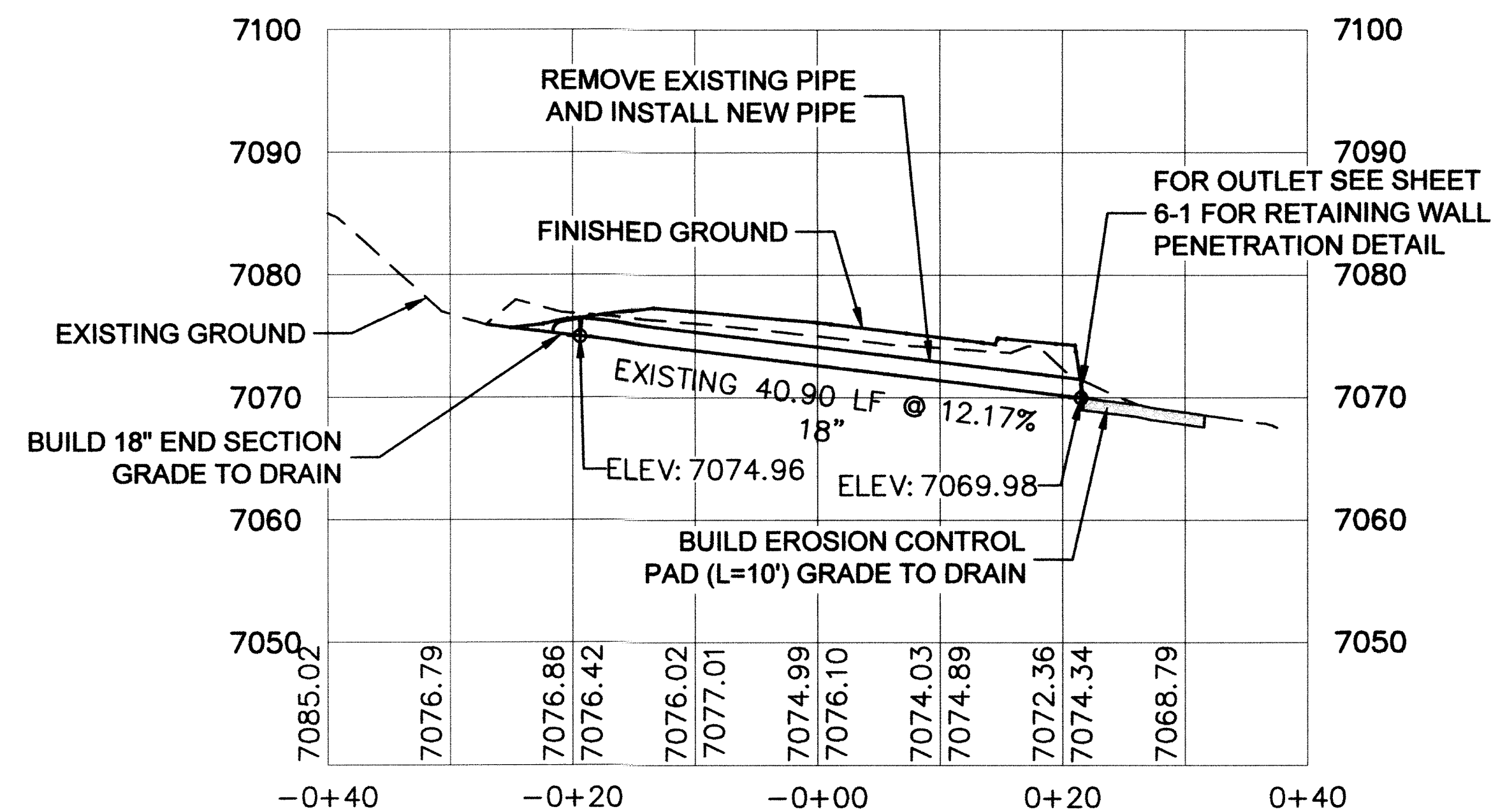




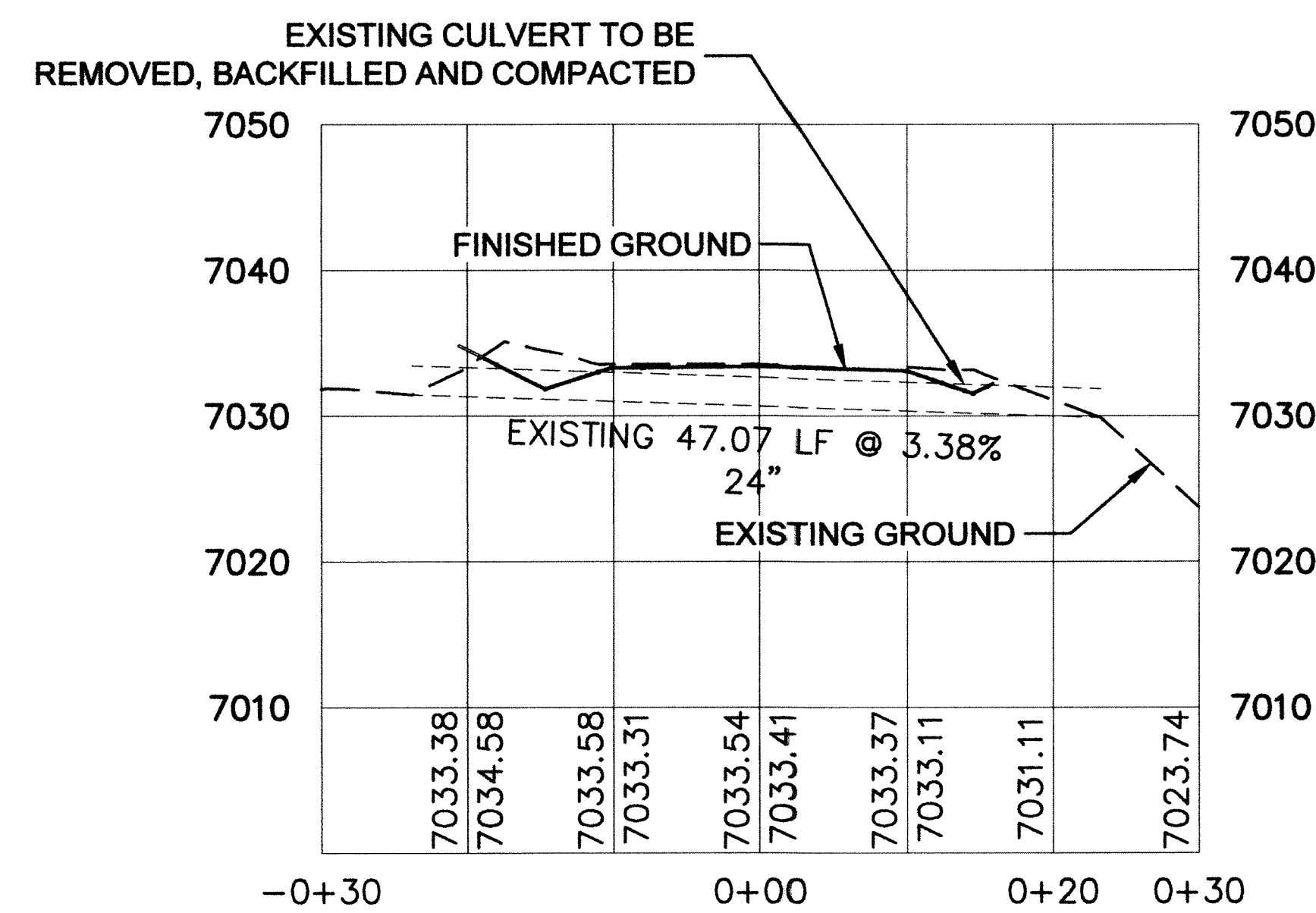
**PASEO ENCANTADO NE STRUCTURE 1 - PLAN VIEW**  
SCALE: 1" = 10'



**PASEO ENCANTADO NE STRUCTURE 2 - PLAN VIEW**  
SCALE: 1" = 10'



**PASEO ENCANTADO NE STRUCTURE 1 - PROFILE VIEW**  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'



**PASEO ENCANTADO NE STRUCTURE 2 - PROFILE VIEW**  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'

0 5 10 20  
SCALE: 1" = 10'

NO.	DESCRIPTION	DATE	BY
5			
4			
3			
2			
1			

REVISIONS (OR CHANGE NOTICES)



ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

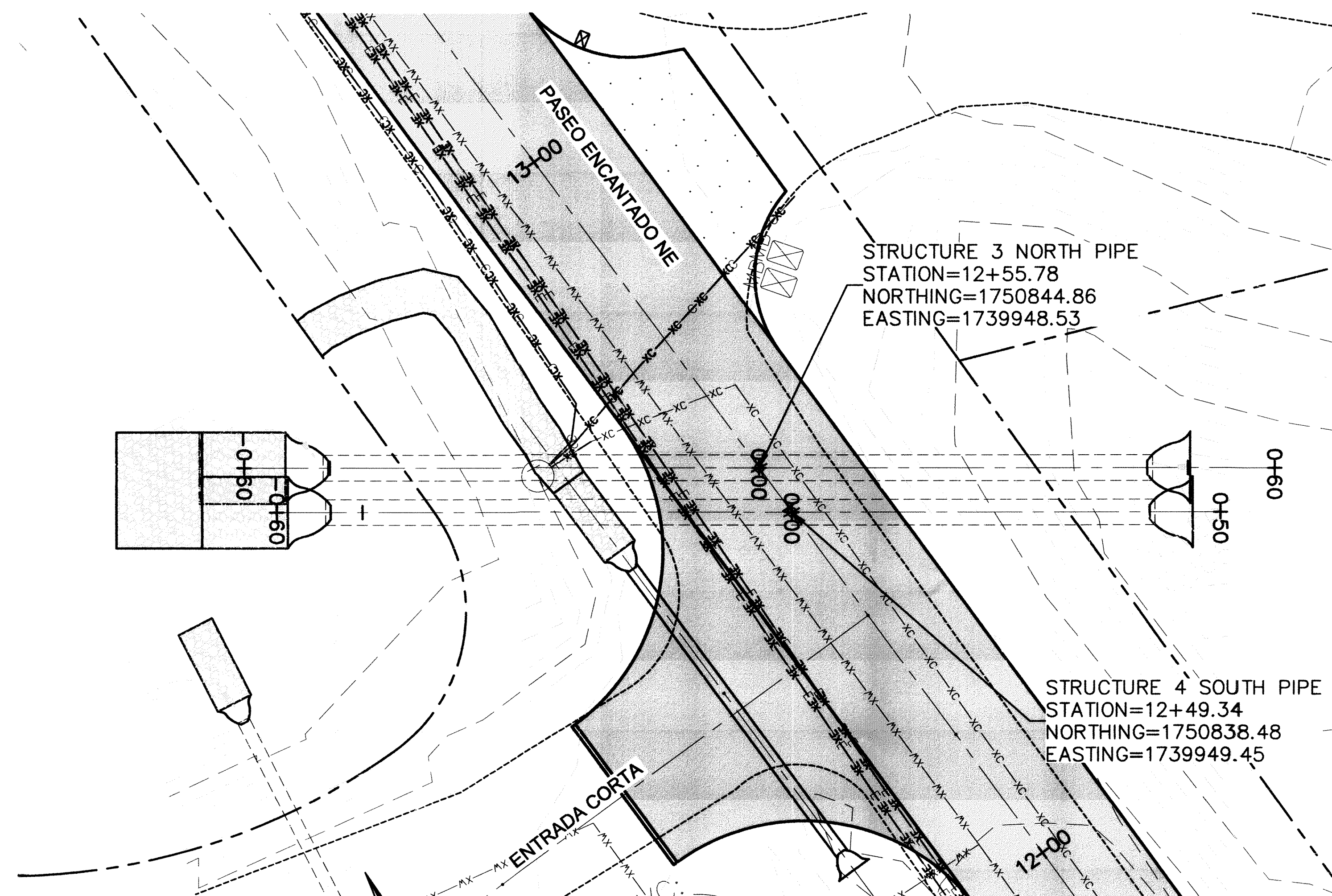
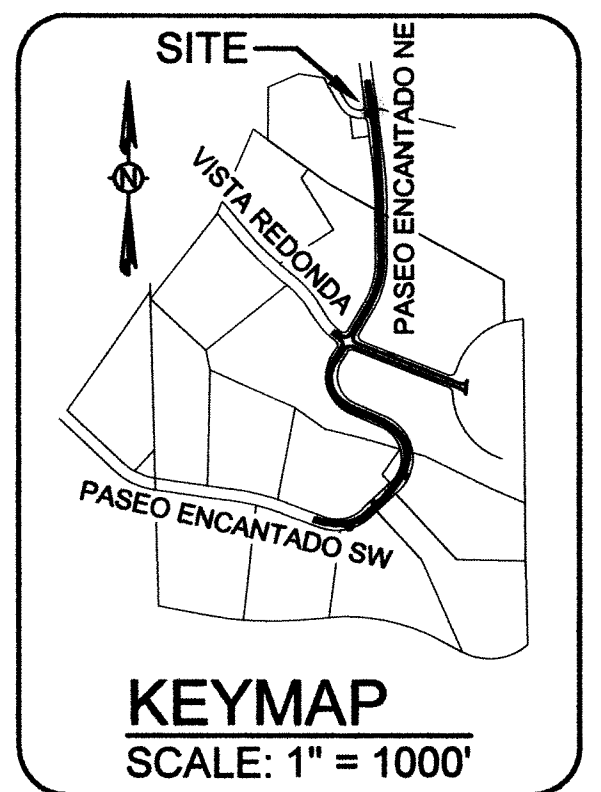
STRUCTURE SECTIONS (CONT'D)  
(ADDITIVE ALTERNATE)

DATE:  
MARCH 2015

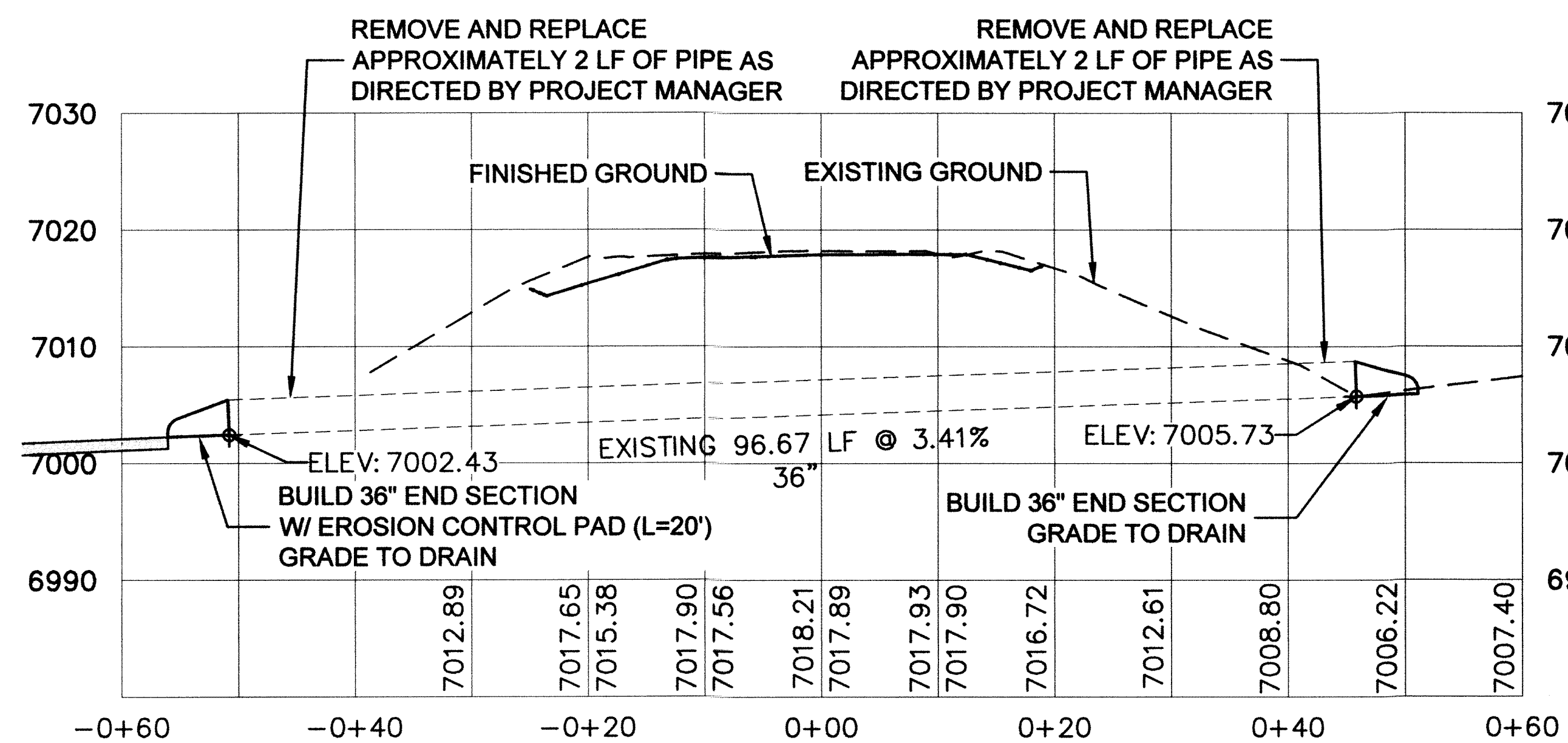
SCALE:  
1" = 10'

SHEET:  
8-3



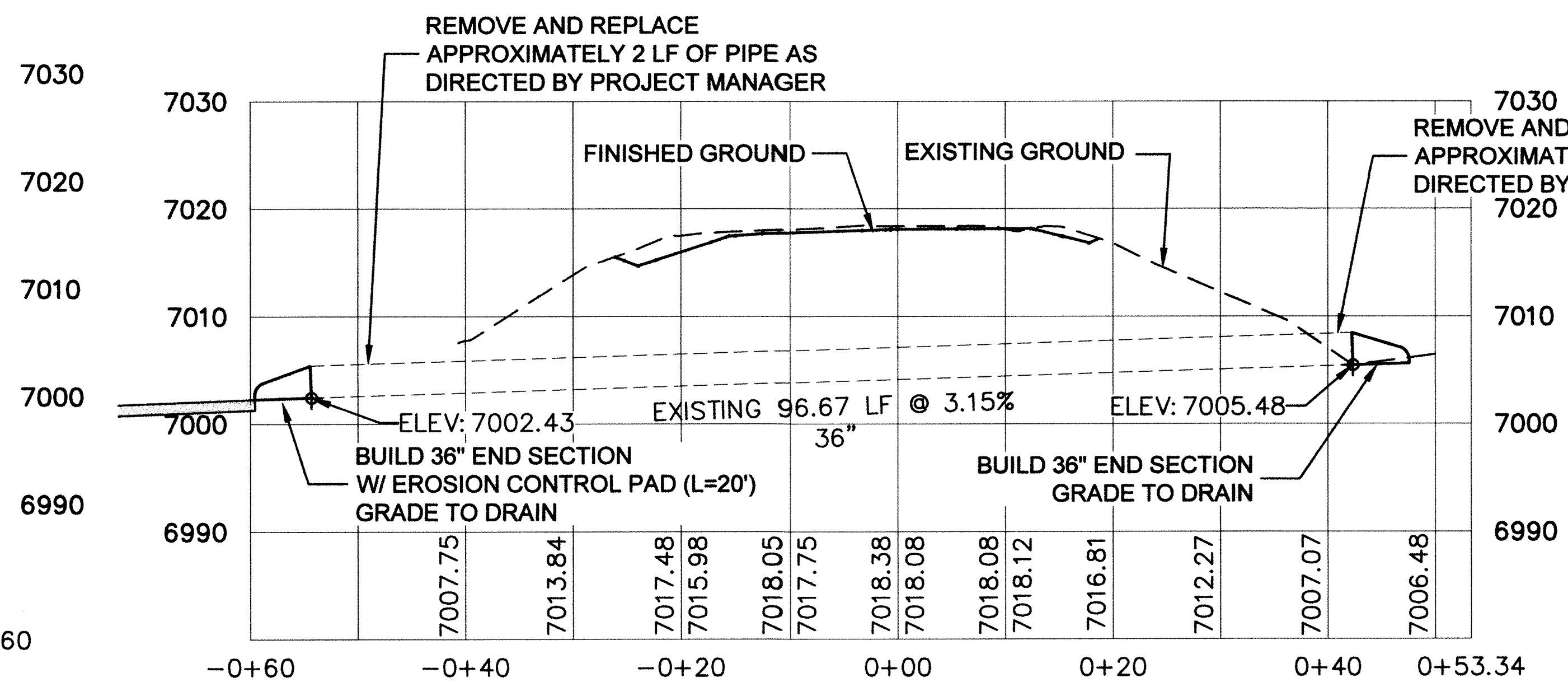


**PASEO ENCANTADO NE STRUCTURES 3 & 4 - PLAN VIEW**  
SCALE: 1" = 10'



**PASEO ENCANTADO NE STRUCTURE 3 - PROFILE VIEW**

SCALE HORIZ: 1" = 10'  
VERT: 1" = 10'



**PASEO ENCANTADO NE STRUCTURE 4 - PROFILE VIEW**

SCALE HORIZ: 1" = 10'  
VERT: 1" = 10'

0 5 10 20  
SCALE: 1" = 10'

NO.	DESCRIPTION	DATE	BY
5			
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1			

REVISIONS (OR CHANGE NOTICES)

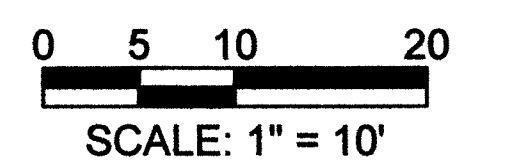
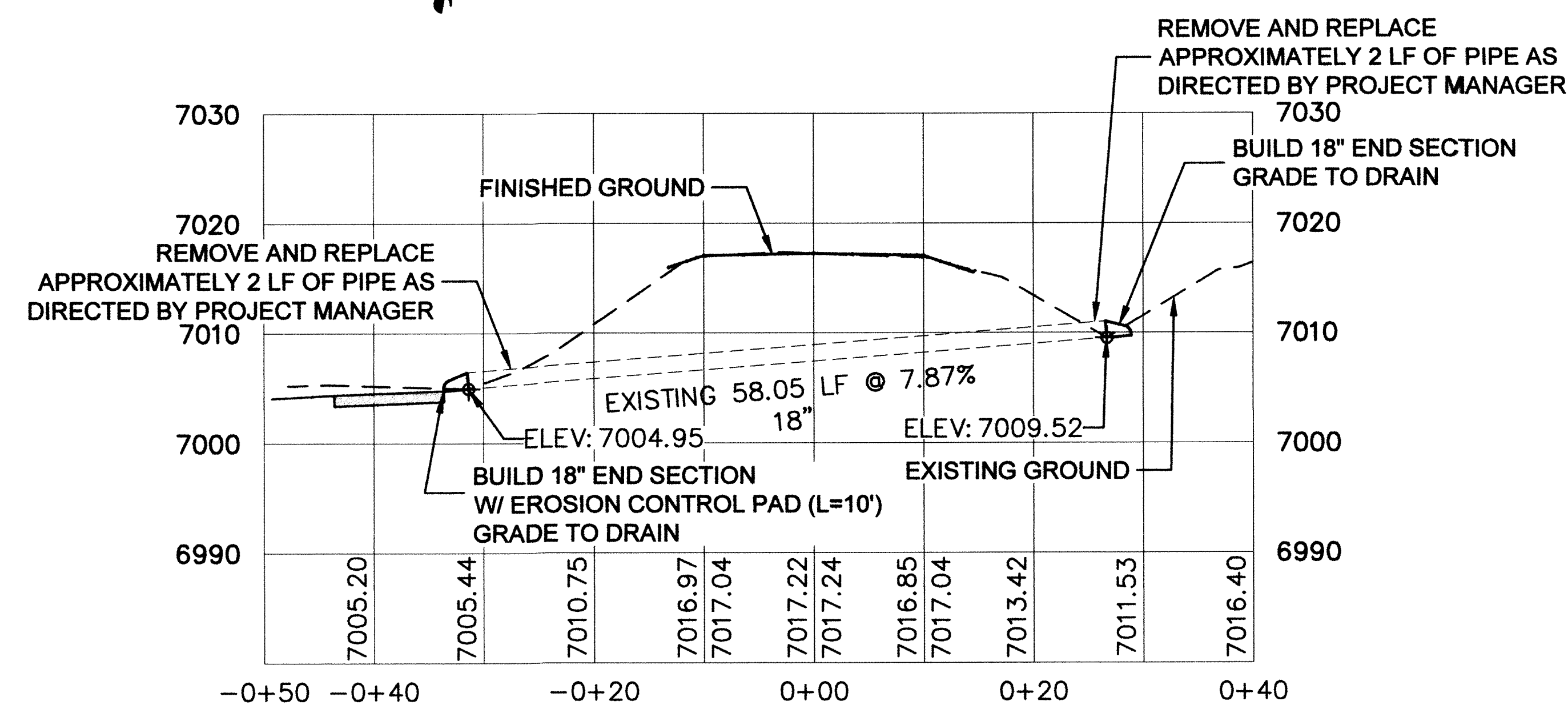
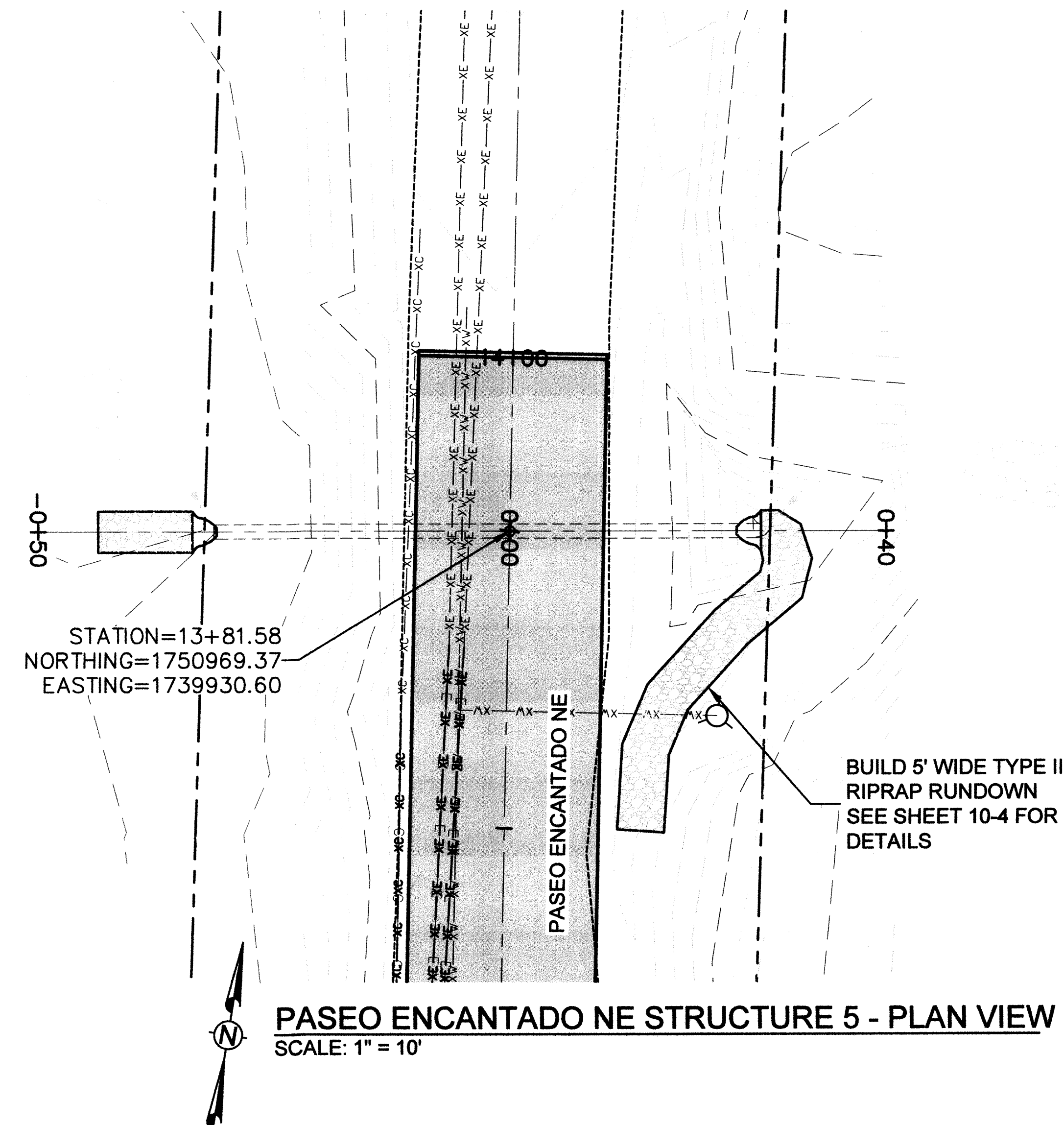
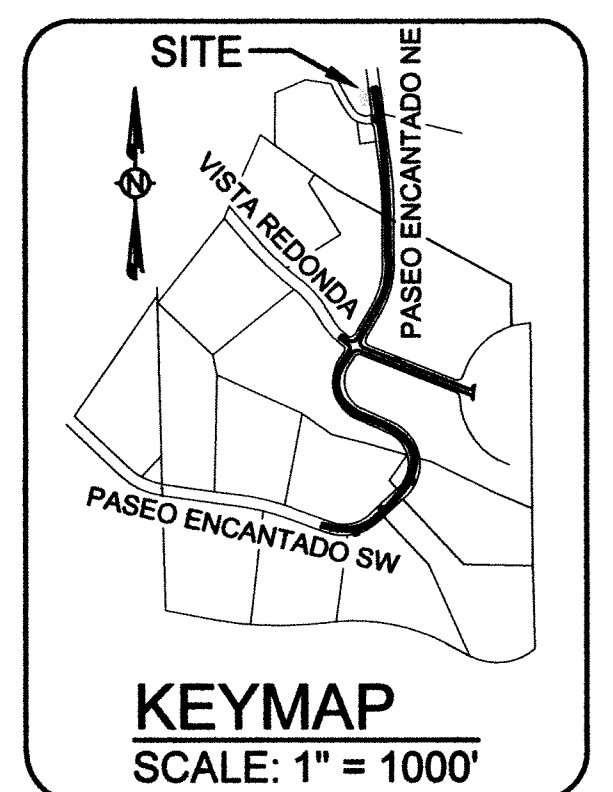


ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

STRUCTURE SECTIONS (CONT'D)  
(ADDITIVE ALTERNATE)

DATE: MARCH 2015 SCALE: 1" = 10' SHEET: 8-4





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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)



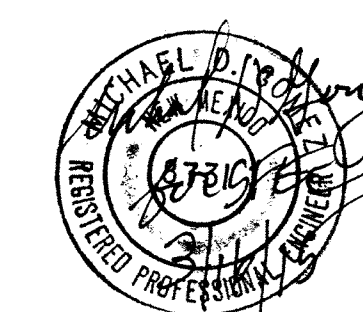
ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN

STRUCTURE SECTIONS (CONT'D)  
(ADDITIVE ALTERNATE)

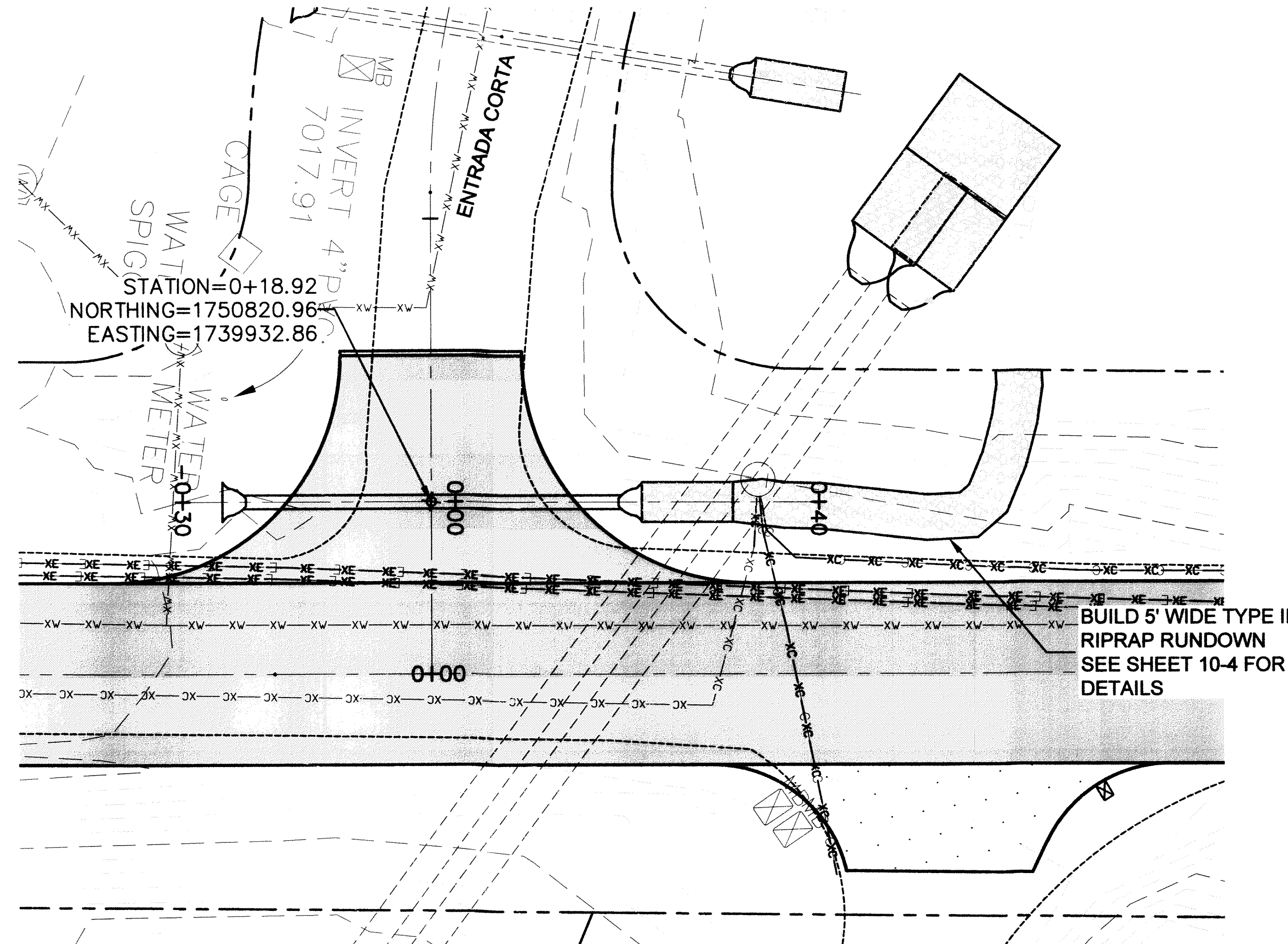
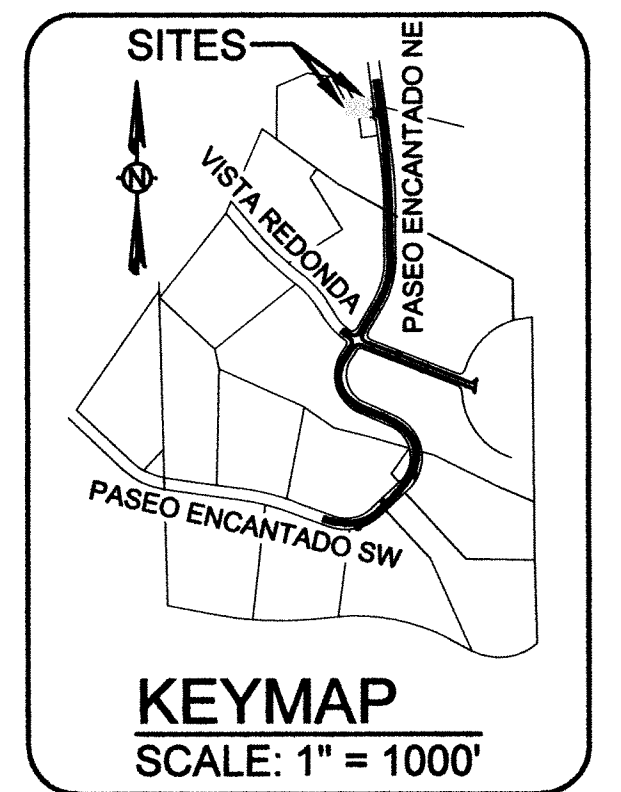
DATE:  
MARCH 2015

SCALE:  
1" = 10'

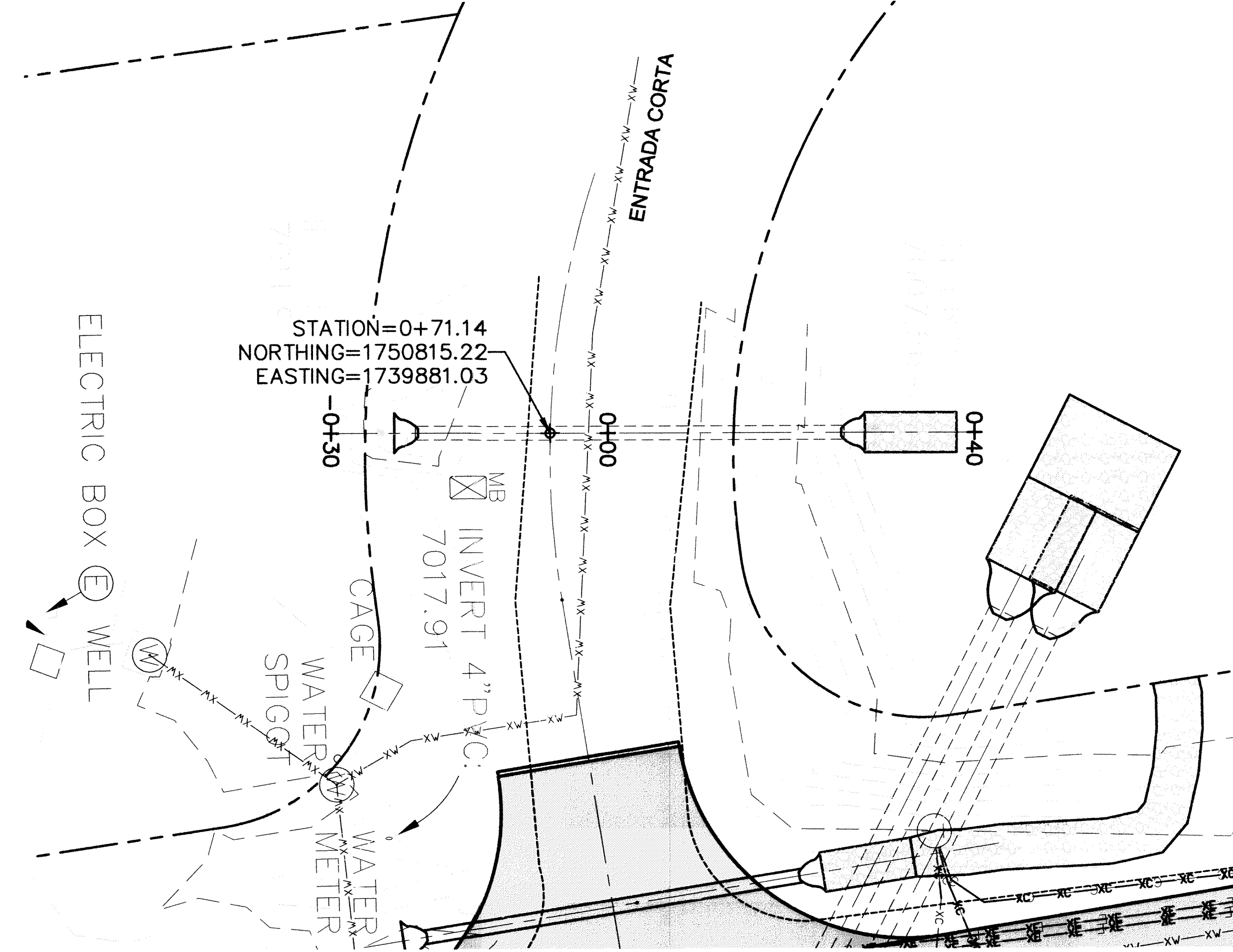
SHEET:  
8-5



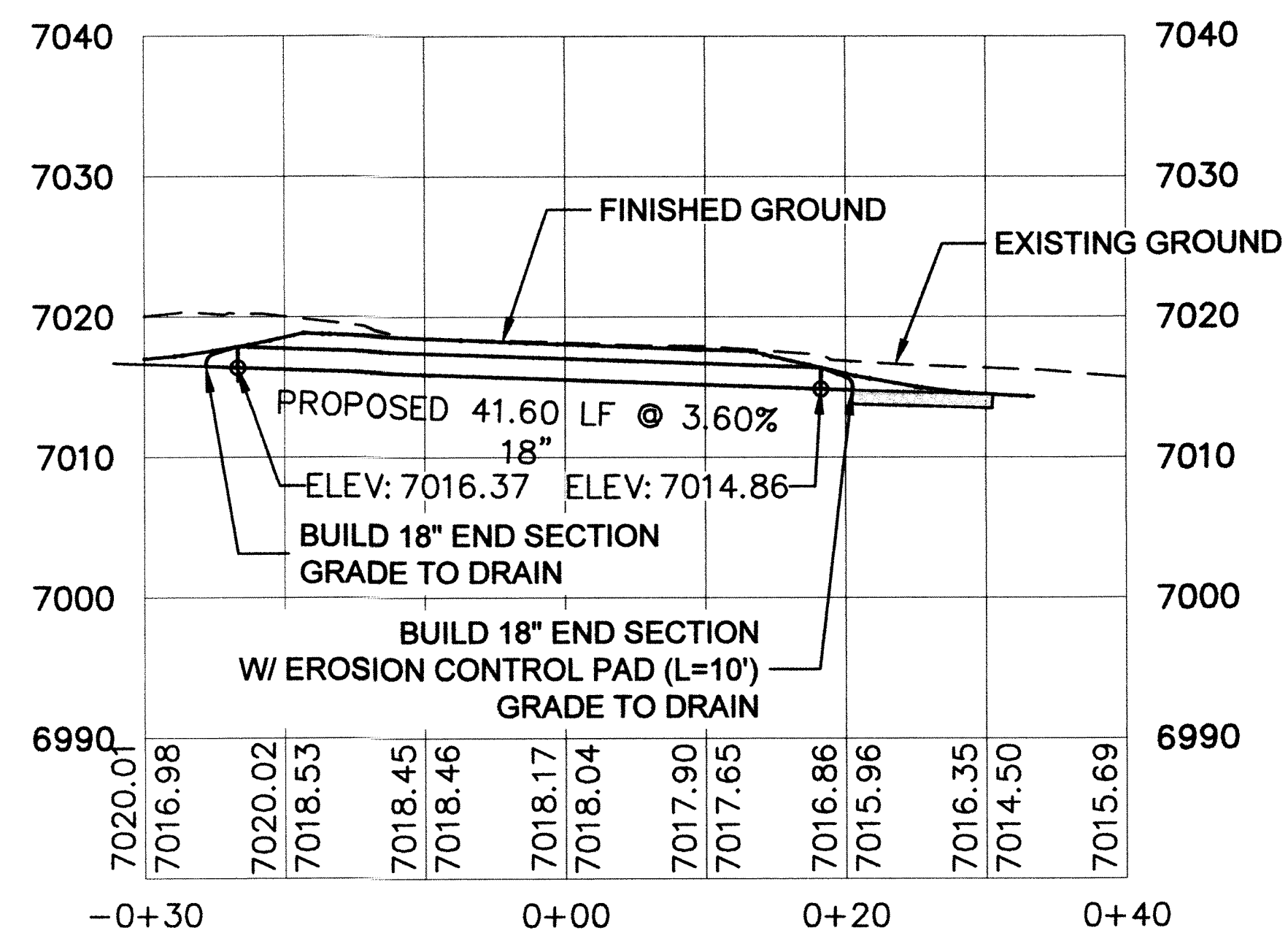




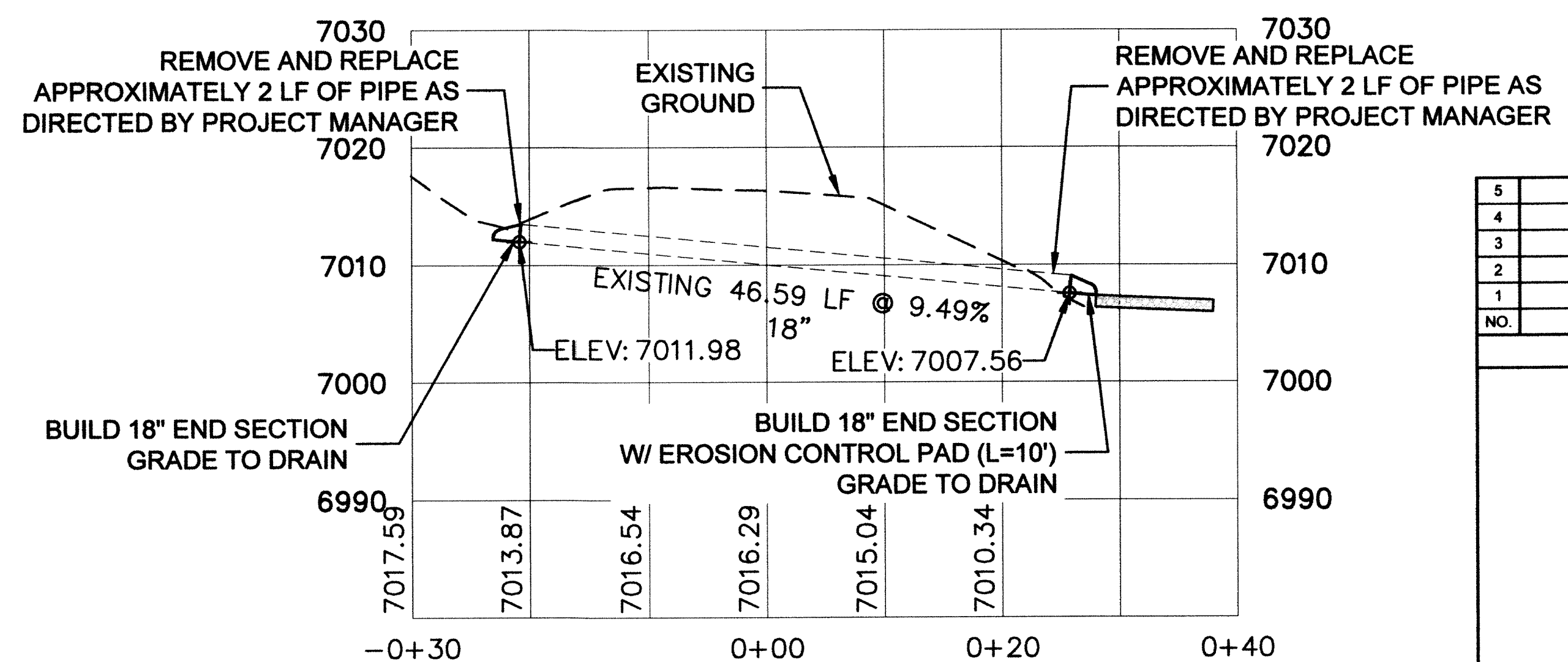
**ENTRADA CORTA STRUCTURE 1 - PLAN VIEW**  
SCALE: 1" = 10'



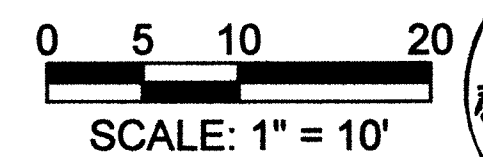
**ENTRADA CORTA STRUCTURE 2 - PLAN VIEW**  
SCALE: 1" = 10'



**ENTRADA CORTA STRUCTURE 1 - PROFILE VIEW**  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'



**ENTRADA CORTA STRUCTURE 2 - PROFILE VIEW**  
SCALE: HORIZ: 1" = 10'  
VERT: 1" = 10'



NO.	DESCRIPTION	DATE	BY
5			
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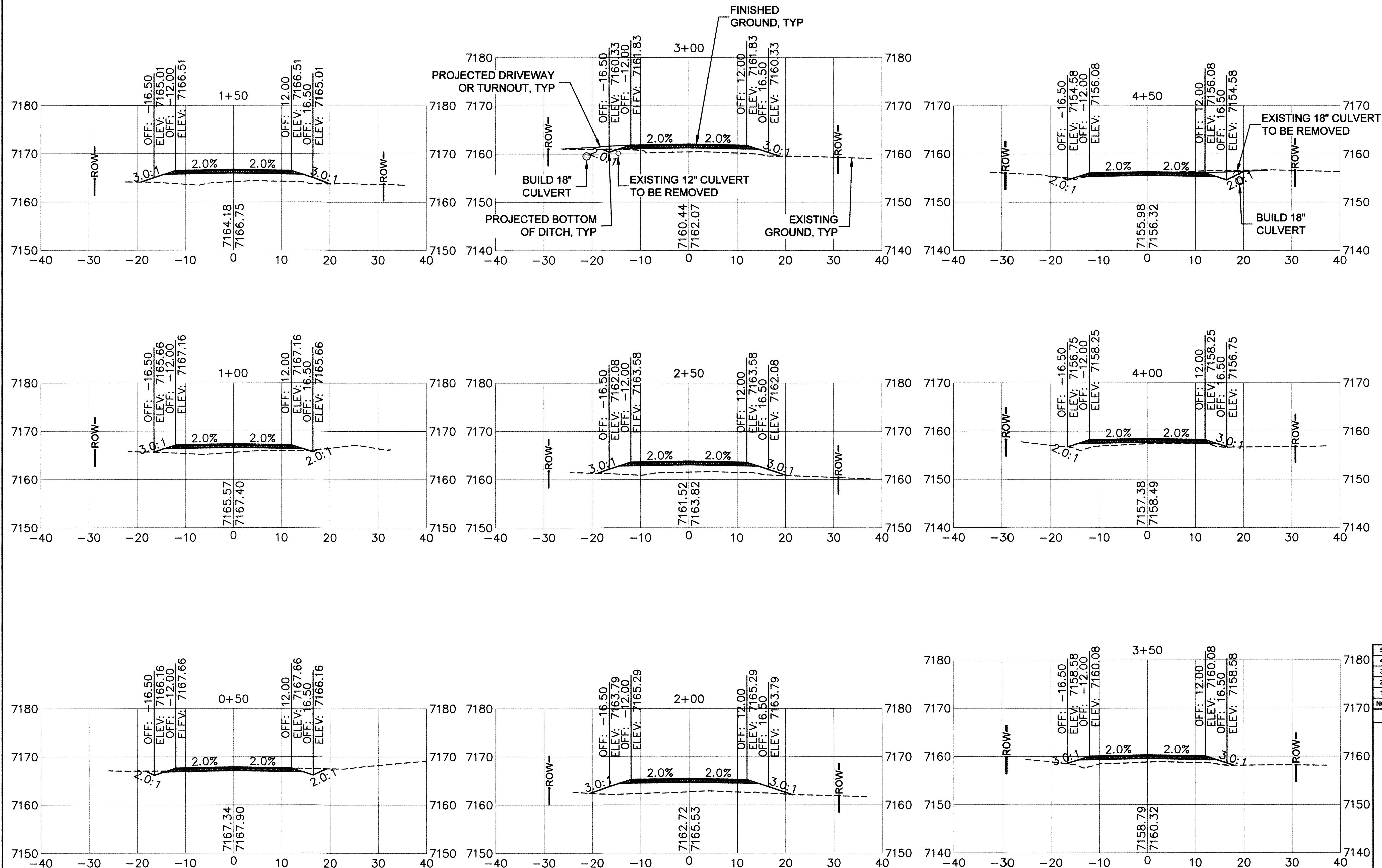
REVISIONS (OR CHANGE NOTICES)



ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN


STRUCTURE SECTIONS (CONT'D)  
(ADDITIVE ALTERNATE)



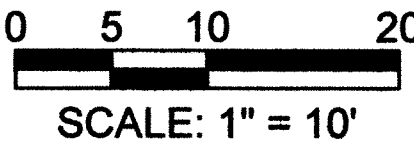
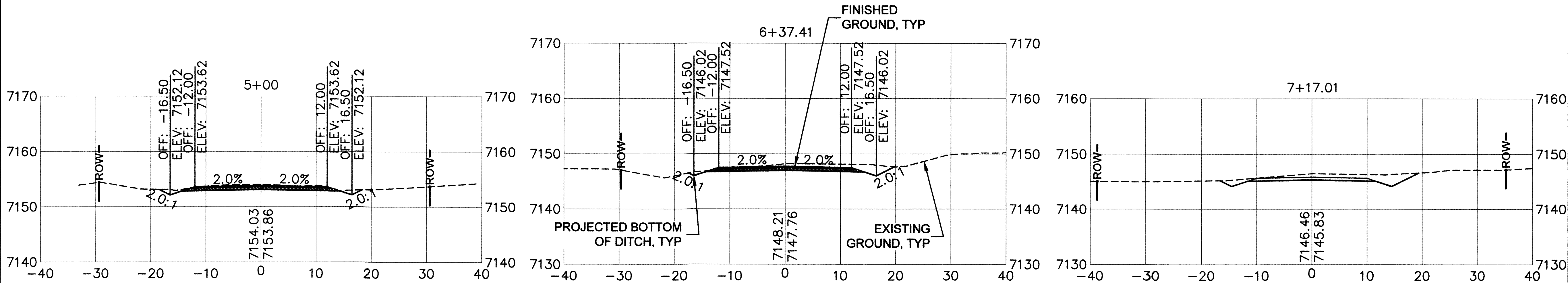
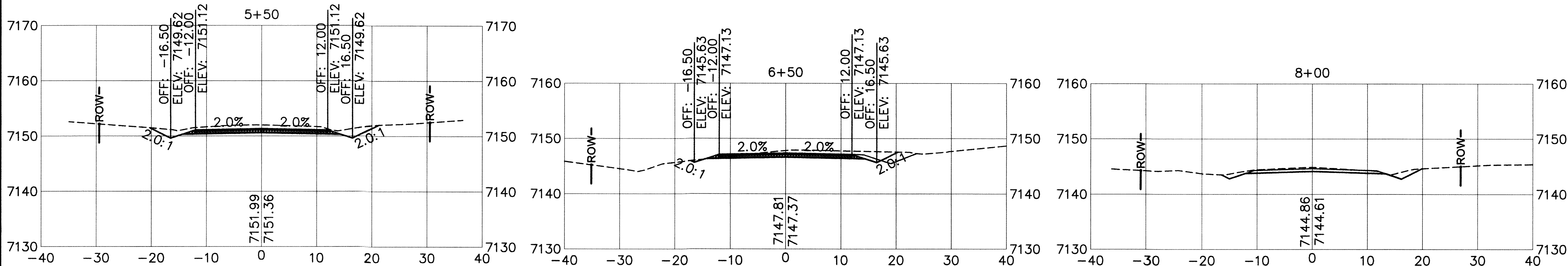
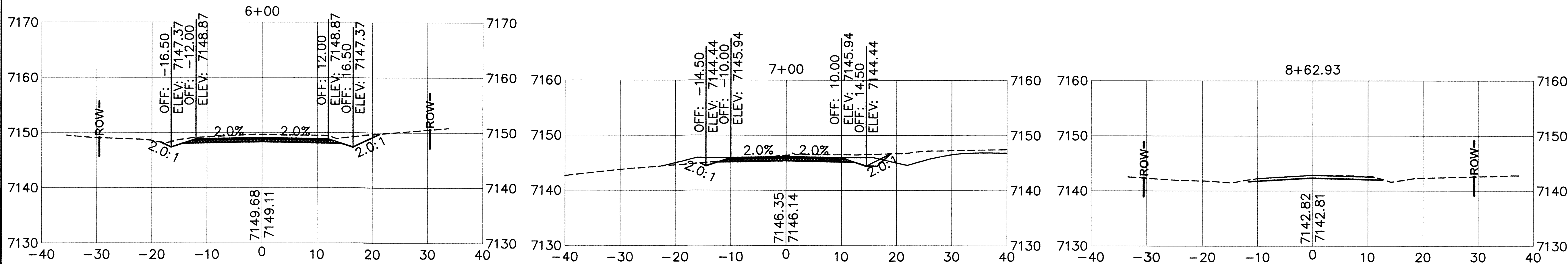



0 5 10 20  
SCALE: 1" = 10'



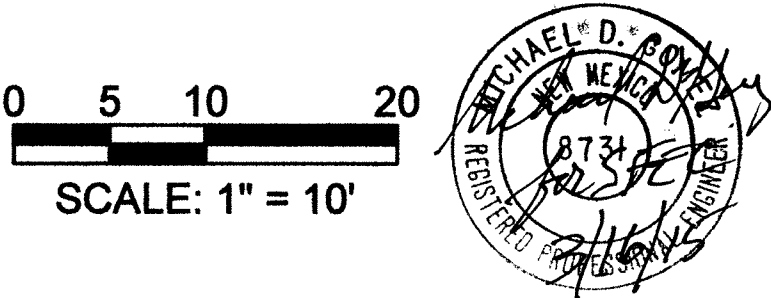
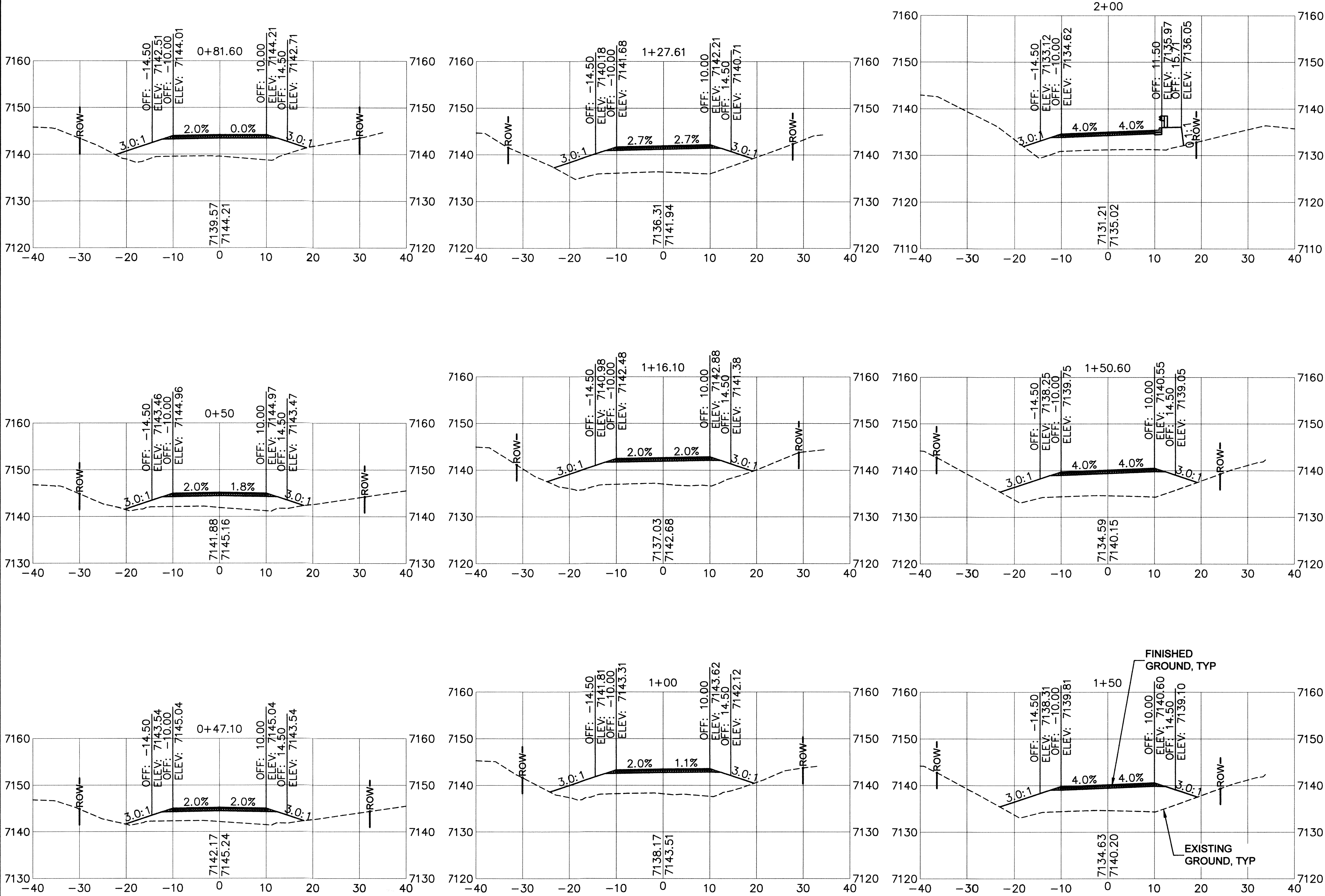
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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
			
ROADWAY IMPROVEMENT PLANS FOR VISTA REDONDA SUBDIVISION ROADS PN: 2014-6197-PW/PL 100% DESIGN			
ROADWAY CROSS SECTIONS VISTA REDONDA (BASE BID)			
DATE:	SCALE:	SHEET:	
MARCH 2015	1" = 10'	9-1	






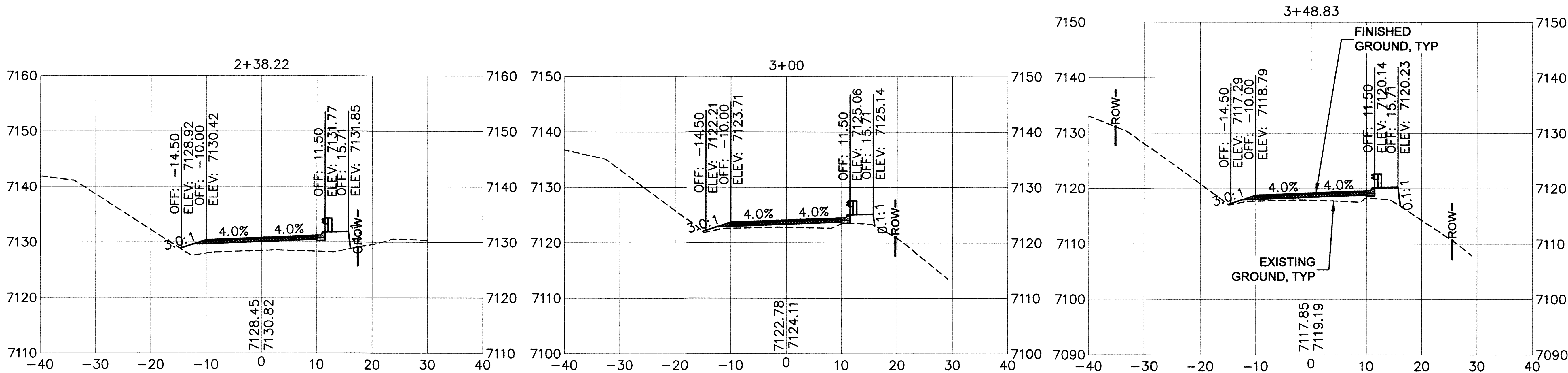
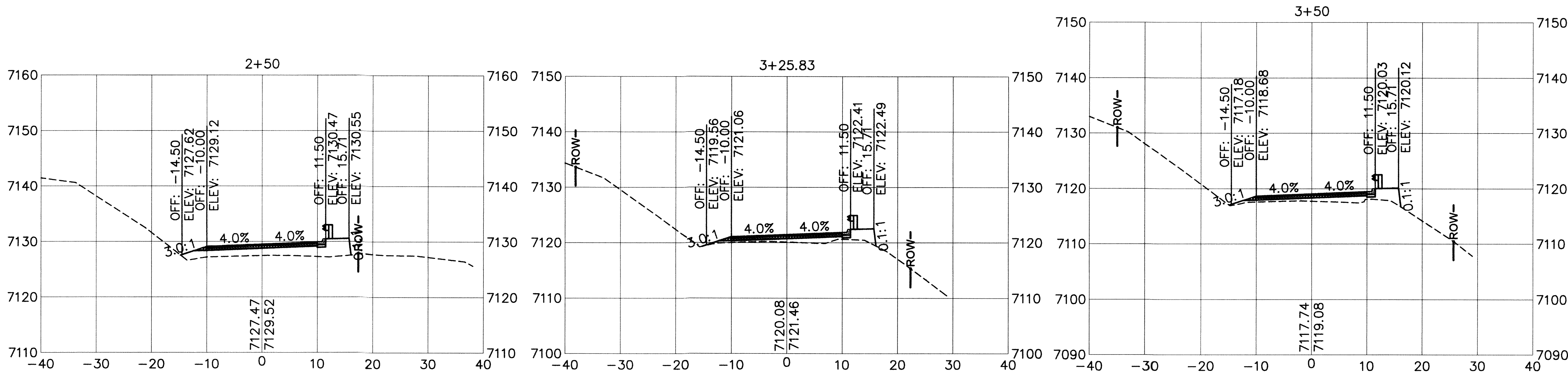
5			
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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
			
ROADWAY IMPROVEMENT PLANS FOR VISTA REDONDA SUBDIVISION ROADS PN: 2014-6197-PW/PL 100% DESIGN VISTA REDONDA (CONT'D) (BASE BID)			
DATE:	SCALE:	SHEET:	
MARCH 2015	1" = 10'	9-2	



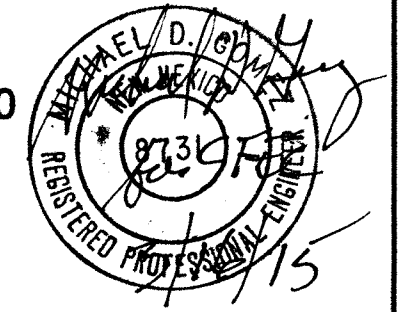


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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
			
ROADWAY IMPROVEMENT PLANS FOR VISTA REDONDA SUBDIVISION ROADS PN: 2014-6197-PW/PL 100% DESIGN			
ROADWAY CROSS SECTIONS PASEO ENCANTADO SW (BASE BID)			
DATE: MARCH 2015	SCALE: 1" = 10'	SHEET: 9-3	





0 5 10 20  
SCALE: 1" = 10'



6			
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NO.	DESCRIPTION	DATE	BY



ROADWAY IMPROVEMENT PLANS  
FOR VISTA REDONDA  
SUBDIVISION ROADS  
PN: 2014-6197-PW/PL  
100% DESIGN  
ROADWAY CROSS SECTIONS  
PASEO ENCANTADO SW (CONT'D)  
(BASE BID)