# Attachment B FOR

# **CONSTRUCTION PLANS HISTORIC VILLAGE OF AGUA FRIA** WASTEWATER IMPROVEMENTS PHASE II SANTA FE COUNTY, NEW MEXICO

SHEET	DWG
NUMBER	NUMBER
01	G-01
02	G-02
03	G-03
04	G-04
05	G-05

## **SANITARY SEWER PLAN AND PROFILES**

06	<b>WW-01</b>
07	WW-02
08	WW-03
09	WW-04
10	WW-05
11	WW-06
12	WW-07
13	WW-08
14	WW-09
15	D-01
16	<b>D-02</b>
17	<b>D-03</b>
18	<b>D-04</b>
19	D-05
20	<b>D-06</b>
21	D-07
22	D-08
23	D-09
24	

## **APRIL 2024**

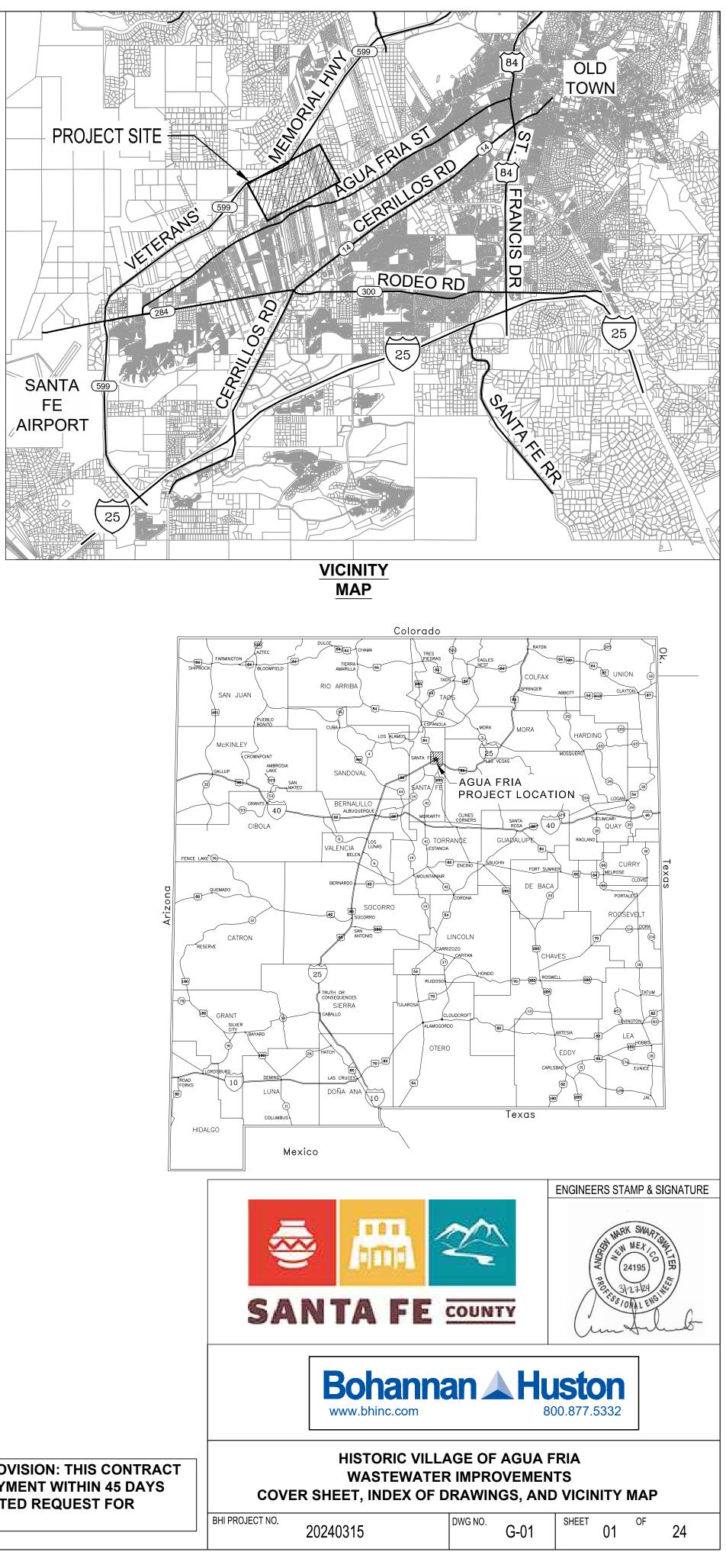
## INDEX

DESCRIPTION COVER SHEET, INDEX OF DRAWINGS, AND VICINITY MAP GENERAL NOTES AND LEGEND **GEOTECHNICAL NOTES AND CONTACTS** MORRIS SURVEY CONTROL **OVERALL SITE MAP** 

**RAMON LANE STA. 1+00 TO STA. 6+64.49** ANB LANE STA 1+00 TO STA 4+89.23 PAM Y EUTILIA LANE/PASEO MEL SENAIDA STA. 1+00 TO STA. 5+50 PAM Y EUTILIA LANE/PASEO MEL SENAIDA STA. 5+50 TO STA. 10+00 PAM Y EUTILIA LANE/PASEO MEL SENAIDA STA. 10+00 TO STA. 14+50 PAM Y EUTILIA LANE/PASEO MEL SENAIDA STA. 14+50 TO STA. 18+81.49 TERRAZAS LANE STA. 1+00 TO STA. 5+60 **TERRAZAS LANE STA. 5+60 TO STA. 10+35.51** CALLE HERNANDEZ DRIVEWAY PLAN

## DETAILS

**CIVIL DETAILS** SANITARY SEWER CONSTRUCTION DETAILS UTILITY RELOCATION DETAILS TRAFFIC CONTROL PLAN



## **GENERAL NOTES**

- ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE & VERIFY THE HORIZONTAL & 2. VERTICAL LOCATIONS OF ALL POTENTIAL CONFLICTS. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES & APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL COORDINATE ALL NECESSARY UTILITY ADJUSTMENTS. SHOULD A CONFLICT EXIST, THE CONTRACTOR AND ENGINEER SHALL RESOLVE.
- 3. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION ENGINEER.
- 5. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE RIGHT-OF-WAY, PROPERTY LIMITS AND/OR CONSTRUCTION WORK ZONE AS SHOWN ON DRAWINGS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- 6. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES.
- EXCEPT AS SET FORTH IN THE SPECIFICATIONS. OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE.)
- CONTRACTOR SHALL REPLACE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR.
- AT MINIMUM, FOLLOW THE CONSTRUCTION TRAFFIC CONTROL AND SIGNING NOTES PROVIDED HEREIN. COORDINATE AND OBTAIN APPROVAL WITH THE APPROPRIATE AGENCY, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- 10. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION,
- MAINTAIN ALL CONSTRUCTION TRAFFIC CONTROL DEVICES AND SIGNING AT ALL TIMES. VERIFY THE 11. PROPER LOCATION OF ALL TRAFFIC CONTROL AT THE END AND BEGINNING OF EACH DAY.
- 12. ALL PAVEMENT SHALL BE SAWCUT WITH A UNIFORM EDGE AND BE SPRAYED WITH A TACK COAT PRIOR TO PAVEMENT PLACEMENT.
- 13. USE PARALLEL OR ORTHOGONAL PAVEMENT SAWCUTS ONLY. NO DIAGONAL CUTS IN EXISTING PAVEMENT.
- 14. NO RIGHT-OF-WAY SURVEY WAS CONDUCTED WITH THIS PROJECT. RIGHT-OF-WAY SHOWN ON OTHER PORTIONS OF THESE PLANS ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY.
- SUPPORT EXPOSED EXISTING UTILITIES SUSPENDED ACROSS OR PARALLEL WITH TRENCH 15. EXCAVATION.
- 16. USE CAUTION AT ALL EXISTING STRUCTURES INCLUDING ALL MASONRY WALLS, BUILDING, ETC. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE TO ANY STRUCTURES CAUSED BY THE CONTRACTOR'S OPERATIONS.
- 17. TEMPORARY DRAINAGE MEASURES SHALL BE PROVIDED AS NECESSARY TO SAFELY CONVEY STORM WATER RUNOFF TO EXISTING OUTFALLS INCLUDING SILT FENCES AND SEDIMENT CONTROL MEASURES. REPAIR ANY DAMAGE RESULTING FROM STORM WATER FLOWS TO PRIVATE PROPERTY OR IMPROVEMENTS CONSTRUCTED BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL PROVIDE A MINIMUM OF 24 HOURS NOTICE TO FIELD INSPECTOR OR GEOTECHNICAL FIRM TO PERFORM FIELD DENSITY TESTS OR SOIL SAMPLING DURING CONSTRUCTION.
- 19. EXISTING VALVES SHALL ONLY BE OPERATED BY THE RESPECTIVE UTILITY OWNER. CONTRACTOR SHALL PROVIDE A MINIMUM 7 DAY NOTICE TO UTILITY OWNER WHEN A SHUT-OFF IS REQUIRED.
- 20. CITY OF SANTA FE UTILITIES CONSTRUCTION STANDARDS AND SPECIFICATIONS SHALL BE USED AS SPECIFICALLY NOTED.
- 21. ALL PIPE SHALL HAVE LOCATE WIRE AND WARNING TAPE PER CITY OF SANTA FE STANDARDS AND SPECIFICATIONS.
- 22. ALL EASEMENT AND RIGHT-OF-WAY BOUNDARIES TO BE DELINEATED WITH SMOOTH WIRE FENCE WITH TEE POSTS EVERY 10 FEET. COST FOR MATERIALS AND LABOR TO INSTALL SHALL BE INCIDENTAL. NO SEPARATE PAYMENT WILL BE MADE FOR SMOOTH WIRE FENCE.
- 23. CONTRACTOR SHALL NOTIFY THE SANTA FE COUNTY UTILITIES DEPARTMENT (SFCU) FIVE (5) DAYS PRIOR TO COMMENCEMENT OF WORK.
- 24. ALL EASEMENTS SHALL BE DEDICATED, CLEARED, GRADED AND STAKED PRIOR TO SEWER LINE INSTALLATION.
- 25. CONTRACTOR SHALL PROVIDE CONSTRUCTION STAKING UTILIZING THE APPROPRIATE RIGHT-OF-WAY MAPS, SIGNED PLATS AND SFCU DRAWINGS.
- 26. MATERIAL SUBMITTALS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

## **GENERAL NOTES (CONT'D)**

- 27. LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE ONLY. PRIOR TO NO ADDITIONAL EXPENSE TO THE OWNER.
- 28. CONTRACTOR SHALL SUBMIT AS-BUILT CONSTRUCTION PACKET WITHIN FIVE (5) DAYS OF AS-BUILT DRAWINGS.
- 29. ANY FIELD CHANGES TO THESE PLANS REQUIRE APPROVAL OF BOTH THE DESIGN ENGINEER AND SFCU.
- 30. ALL EXISTING AND PROPOSED DRY UTILITIES SHOWN ARE BASED ON INFORMATION PROVIDED BY OTHERS.
- WHEN A SPECIFIC MANUFACTURER IS REFERENCED. NO SUBSTITUTIONS WILL BE PERMITTED "AS EQUAL" SUBSTITUTIONS TO THE OWNER AND ENGINEER FOR REVIEW AND APPROVAL.
- 32. PIPE DEFLECTION TO BE NO MORE THAN MANUFACTURER'S RECOMMENDATION FOR THEIR PRODUCT.
- 33. ALL SEWER MANHOLES SHALL BE ADJUSTED TO FINISHED GRADE SURFACE.
- 34. SEWER SERVICE LOCATIONS/HOME OWNERSHIP ARE TO BE FIELD VERIFIED BY CONTRACTOR. LOCATIONS.
- 35. EACH FENCED AREA THAT IS REMOVED DURING THE DAY FOR CONSTRUCTION SHALL BE WITH TEMPORARY FENCING AT THE END OF EACH WORK DAY.
- CONTRACTOR SHALL FOLLOW REQUIREMENTS OUTLINED IN AGUA FRIA MONITORING PLAN. IF IMMEDIATELY HALT WORK AND NOTFY OWNER AND ENGINEER.

#### SANITARY SEWER GENERAL NOTES

- AND RECORD DRAWING SERVICES FOR THE PROJECT
- 2. THE CONTRACTOR MUST OBTAIN ALL SEWER HOOKUP PERMITS FROM THE CITY'S BUILDING THE PERMIT MUST BE KEPT AT THE CONSTRUCTION SITE.
- DURING WORKING HOURS.
- 5. ALL MODIFICATIONS TO THE SANITARY SEWER PLANS MUST BE REVIEWED AND APPROVED IN
- 6. ADDITIONAL GENERAL NOTES ARE CONTAINED IN THE STANDARD CITY DETAIL SHEETS FOR SANITARY SEWER CONSTRUCTION.
- 7. CORE DRILLING IS REQUIRED FOR ALL NEW CONNECTIONS TO AN EXISTING MANHOLE.
- 8. PRIOR TO PAVING OVER ANY SANITARY SEWER LINES. SUBMIT VIDEO INSPECTIONS AND DIVISION. AFTER THE WASTEWATER MANAGEMENT DIVISION REVIEWS THE ABOVE LISTED FINAL MANHOLE INSPECTION WILL BE CONDUCTED AFTER THE FINAL PAVING IS COMPLETED.
- HAVE APPROVED VENTED AND LOCKING MANHOLE COVERS.
- CONTINUOUS, 12 GAUGE, SOLID STRAND INSULATED COPPER WIRE.
- ENGINEER.

CONSTRUCTION, EXISTING UTILITY LOCATIONS SHALL BE VERIFIED BY THE APPROPRIATE UTILITY COMPANY, THE CONTRACTOR SHALL REQUEST "NEW MEXICO ONE CALL" SERVICE NO SOONER THAN 48 HOURS PRIOR TO COMMENCEMENT OF THE WORK. UTILITY LOCATIONS SHOULD BE REQUESTED FROM THE APPROPRIATE UTILITY COMPANY, ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED AT

COMPLETION OF CONSTRUCTION INCLUDING; VALVE TIES, AS-BUILT DRAWINGS (INCLUDING, BUT NOT LIMITED TO: FITTING-TO-FITTING MEASUREMENTS, SERVICE-TO-SERVICE MEASUREMENTS, CENTER OF MAIN TO CENTER OF SERVICE MEASUREMENTS, LENGTH OF MAIN INSTALLED, FITTINGS INSTALLED, ETC.). THE ENGINEER WILL REVIEW THE AS-BUILTS DRAWINGS AND CREATE RECORD DRAWINGS TO BE SUBMITTED TO SANTA FE COUNTY BASED ON THE CONTRACTOR-PROVIDED

UNLESS THE SPECIFIED PRODUCT IS UNAVAILABLE. CONTRACTOR SHALL SUBMIT REQUESTS FOR

THERE MAY BE MULTIPLE SERVICE LINES TO A SINGLE RESIDENCE. ADDITIONAL HOMES NOT SHOWN ON THESE PLANS MAY REQUIRE SEWER SERVICE. ADDITIONAL SERVICE LINES WILL BE PAID ON A UNIT PRICE BASIS IN ACCORDANCE WITH THE BID FORM. COORDINATE WITH SANTA FE COUNTY FOR

COORDINATED WITH THE PROPERTY OWNER IN ADVANCE OF REMOVAL, AND SHALL BE SECURED

BURIED CULTURAL DEPOSITS ARE DISCOVERED DURING PROJECT ACTIVITIES. CONTRACTOR SHALL

 PRIOR TO THE WASTEWATER MANAGEMENT DIVISION APPROVAL OF THE PLAN SET, A LETTER WILL BE REQUIRED FROM THE PROJECT ENGINEER INDICATING THEY ARE PROVIDING THE INSPECTION

PERMITS SECTION PRIOR TO COMMENCING ANY BUILDING SEWER LINE CONSTRUCTION. A COPY OF

3. ALL MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD MANHOLE DETAIL SHEET" AND THE CITY OF SANTA FE STANDARD SPECIFICATIONS FOR SEWER EXTENSIONS

4. A COPY OF THE APPROVED PLANS SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES

WRITING BY THE CITY'S WASTEWATER MANAGEMENT DIVISION PRIOR TO CONSTRUCTION.

LOGS, PRESSURE TESTS, COMPACTION TESTS, CONCRETE CYLINDER TESTS, LOCATE WIRE CONTINUITY, AND THE ENGINEER'S CERTIFICATION TO THE CITY'S WASTEWATER MANAGEMENT INFORMATION, A PRELIMINARY MANHOLE INSPECTION WILL BE CONDUCTED. WHEN ALL THE ITEMS LISTED ABOVE ARE COMPLETED TO MEET THE STANDARDS OF THE WASTEWATER MANAGEMENT DIVISION, A LETTER AUTHORIZING PAVING WILL BE ISSUED IN RELATION TO THE SANITARY SEWER. A

9. ALL SEWER MANHOLES WITH SEWER LINES 12 INCHES IN DIAMETER AND LARGER ARE REQUIRED TO

10. LOCATE WIRES SHALL BE INSTALLED FOR ALL SANITARY SEWERS (GRAVITY/FORCE MAINS). THE LOCATE WIRE MUST BE VISIBLE IN THE MANHOLE OR ACCESS STRUCTURE. THIS WILL BE VERIFIED DURING THE PRELIMINARY MANHOLE INSPECTION PRIOR TO PAVING. THE LOCATE WIRE IS TO BE A

11. OFF ROAD SANITARY SEWER - CALL THE WASTEWATER MANAGEMENT DIVISION AT 955-4651 FOR A FIELD REVIEW OF THE GRADING OF ALL OFF ROAD SANITARY SEWER TO ENSURE THAT THE CITY'S MAINTENANCE VEHICLES CAN ACCESS ALL MANHOLES. THE GRADES MAY BE REQUIRED TO BE ADJUSTED BASED UPON THIS INSPECTION. ADDITIONAL BANK PROTECTION MAY BE REQUIRED BASED UPON A FINAL INSPECTION BY THE WASTEWATER MANAGEMENT DIVISION AND THE PROJECT

### SANITARY SEWER GENERAL NOTES (CONT'D)

- 12. FOR RECORD DRAWINGS, TIE MANHOLE TO A CITY OF SANTA FE SURVEY MONUMENT AS PART OF THE FINAL RECORD DRAWINGS SHOW CORRECTED AS-BUILT BEARING AND DISTANCES SLOPES RIM AND INVERT ELEVATIONS AND SEWER SERVICES ALONG THE HORIZONTAL ALIGNMENT OF THE SANITARY SEWER, FOR RECORDS DRAWINGS, A SEPARATE SUMMARY TABLE ADDED TO THE EXISTING PLAN SHEETS OR AS AN ADDITIONAL SHEET SHALL BE REQUIRED. THE SUMMARY SHEET SHALL LIST DATA FOR THE SEWER LINE SEGMENTS BETWEEN MANHOLES SHOWING THE UPSTREAM AND DOWNSTREAM MANHOLE WITH THE DESIGN SEGMENT LENGTHS, SLOPES AND BEARINGS AND THE AS-BUILT SEGMENT LENGTHS, SLOPES AND BEARINGS. THE SUMMARY SHEET SHALL INDICATE THE TOTAL NUMBER OF NEW PUBLIC MANHOLES CONSTRUCTED, THE TOTAL NUMBER OF CONNECTIONS TO EXISTING PUBLIC MANHOLES, THE TIE TO A CITY CONTROL MONUMENT AND THE TOTAL LENGTH OF AS-BUILT PUBLIC SEWER LINE CONSTRUCTED BY SIZE.
- 13. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING, REPAIRING AND LOCATING THE SEWER SYSTEM UNTIL CITY ACCEPTANCE FOR MAINTENANCE. DAMAGES RESULTING FROM A STOPPAGE IN ANY GRAVITY AND/OR PRESSURE SEWER SYSTEM WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR UNTIL A FINAL ACCEPTANCE LETTER FOR PERMANENT MAINTENANCE HAS BEEN ISSUED BY THE WASTEWATER MANAGEMENT DIVISION.
- 14. WATER METERS WILL NOT BE PLACED UNTIL A FINAL ACCEPTANCE LETTER HAS BEEN ISSUED BY THE WASTEWATER DIVISION FOR ALL ON-SITE SANITARY SEWER NEEDED IN ORDER FOR THE PROJECT TO CONNECT TO THE SANITARY SEWER SYSTEM.
- 20 FOOT WIDE ACCESS GATES SHALL BE PROVIDED AT ALL FENCES. WALLS OR OTHER OBSTRUCTIONS. THAT CROSS A PUBLIC SEWER LINE. ACCESS GATES TO BE LOCATED WITHIN THE SANITARY SEWER EASEMENT.
- 16. THE OWNER/DEVELOPER WILL BE RESPONSIBLE FOR LOCATING EACH SEWER SERVICE AT THE TIME EACH LOT IS READY TO CONNECT TO THE SEWER. IT IS SUGGESTED THAT THE OWNER/ DEVELOPER RETAIN A COPY OF THE TELEVISION INSPECTION VIDEO ALONG WITH THE VIDEO LOGS. EACH SERVICE SHALL BE CLEARLY MARKED FOR EACH LOT AT POINT OF CONNECTION. ALL CALLS RECEIVED BY THIS DIVISION REGARDING THE LOCATION OF SERVICE WILL BE FORWARDED TO THE OWNER/DEVELOPER.
- 17. THE CONTRACTOR SHALL CALL THE WASTEWATER MANAGEMENT DIVISION FOR A FINAL MANHOLE INSPECTION. THIS INSPECTION WILL BE ISOLATED TO THE MANHOLES. THE CITY'S PLUMBING AND MECHANICAL INSPECTOR'S WILL CONDUCT ALL OTHER NECESSARY PLUMBING INSPECTIONS. NOTE: THE CITY'S PLUMBING AND MECHANICAL INSPECTORS WILL INSPECT THE INDIVIDUAL SEWER SERVICE TAPS AND LATERALS, WHICH CONNECT TO THE PUBLIC SANITARY SEWER. COORDINATION WILL BE REQUIRED BY THE CONTRACTOR.
- 18. THE EXISTING SANITARY SEWER LINE MUST BE T.V. TAPED PRIOR TO A NEW SERVICE CONNECTION BEING PLACED AS WELL AS T.V. TAPED AFTER THE SERVICES HAVE BEEN COMPLETED. THIS IS TO ENSURE THAT THE EXISTING SANITARY SEWER LINE IS NOT DAMAGED AND THE NEW SERVICE IS INSTALLED CORRECTLY.
- 19. A MINIMUM 12 INCHES OF VERTICAL CLEARANCE SHALL BE PROVIDED BETWEEN THE SEWER LINE AND ANY STORM DRAIN PIPING.
- 20. SEWER BACKFLOW CHECK VALVES WILL BE REQUIRED FOR ALL SEWER SERVICE LATERAL CONNECTIONS TO SEWER MAINS 12 INCHES OR GREATER IN DIAMETER. THE SEWER SERVICE CONNECTION MUST BE MADE AT AN EXISTING OR NEW MANHOLE. SEWER SERVICE CONNECTIONS TO SEWER MAINS WITH PIPE SIZE DIAMETER OF 12 INCHES AND GREATER WILL NOT BE MADE WITHOUT APPROVAL FROM THE WASTEWATER MANAGEMENT DIVISION.
- 21. SEWER BACKWATER CHECK VALVES SHALL BE REQUIRED ON PRIVATE SEWER SERVICE LATERALS PER THE CITY OF SANTA FE PLUMBING CODE.
- 22. ALL PVC SEWER PIPE 8" AND GREATER SHALL BE SDR 26 PVC PIPE. ALL 4" AND 6" SEWER PIPE SHALL BE SCH 40 PVC PIPE. IF WATER SEPARATION IS LESS THAN 10 FEET. SEWER PIPE SHALL BE C-900.
- 23. ALL AS-BUILT SEWER LINE AND MANHOLE DATA SHALL BE OBTAINED AND CERTIFIED BY A LICENSED SURVEYOR OR ENGINEER. AS-BUILT DATA SUPPLIED BY OTHER THAN A LICENSED SURVEYOR OR ENGINEER SHALL NOT BE VALID FOR FINAL AS-BUILTS.
- 24. ALL EXISTING AND NEW PUBLIC MANHOLES WITHIN A PROJECT SHALL HAVE ACCESS FOR CITY SEWER MAINTENANCE EQUIPMENT. ALL ACCESS IS SUBJECT TO FIELD VERIFICATION AND MODIFICATION AS REQUIRED BY THE WASTEWATER DIVISION PRIOR TO FINAL PROJECT CLOSE OUT WITH THE CITY OF SANTA FE.
- 25. ALL SEWER LINE CROSSINGS OF RIVERS, STREAMS, ARROYOS, DRAINAGE CHANNELS, ETC. SHALL REQUIRE A BASIS OF DESIGN ANALYSIS PREPARED BY A LICENSED ENGINEER.
- 26. PVC SEWER PIPE SHALL BE RUN CONTINUOUS THROUGH MANHOLES WHEN PIPE OF APPROXIMATE EQUAL SLOPES ARE ENTERING AND LEAVING THE MANHOLES.
- 27. ALL NEW CONNECTIONS TO AN EXISTING SANITARY SEWER MANHOLE SHALL INCLUDE THE REHABILITATION REQUIRED TO MEET CITY OF SANTA FE WASTEWATER DIVISION STANDARD CONSTRUCTION DETAILS.
- 28. NO CONCRETE ENCASEMENT OF NEW OR EXISTING PUBLIC SEWER PIPE WILL BE ALLOWED UNLESS APPROVED BY THE CITY OF SANTA FE WASTEWATER MANAGEMENT DIVISION.
- 29. NO PUBLIC SEWER MAIN LINE OR MANHOLE WILL BE ALLOWED UNDER OR WITHIN A STORM WATER DETENTION POND.
- 30. OFF-ROAD PUBLIC SEWER ACCESS WILL BE PROVIDED FOR ALL PUBLIC SEWER LINES AND MANHOLES. ACCESS ROADS ARE TO BE A MINIMUM 12 FEET WIDE WITH A DRIVING SURFACE OF 6 INCHES OF COMPACTED BASE COURSE, NO ACCESS ROAD SHALL HAVE A GRADE GREATER THAN 15%, MANHOLES ARE TO BE ALIGNED WITH THE CENTER LINE OF THE ACCESS ROAD. SEWER EASEMENTS ARE TO BE A MINIMUM OF 20 FEET IN WIDTH, OR AS SHOWN IN THE DRAWINGS.
- NO PUBLIC PRESSURE SEWER SYSTEM PIPING MAY BE INSTALLED IN A COMMON TRENCH WITH OTHER UTILITIES.
- 32. ALL SANITARY SEWER MANHOLES FIFTEEN (15) FEET IN DEPTH OR GREATER SHALL BE SIX (6) FOOT DIAMETER.

## LOW PRESSURE SEWER NOTES

- OTHER UTILITIES.
- DIVISION.

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1. ALL COSTS ASSOCIATED WITH THE OPERATION, MAINTENANCE, AND REPLACEMENT OF GRINDER PUMPS FOR INDIVIDUAL LOTS SHALL BE THE RESPONSIBILITY OF THE LOT OWNER AND/OR THE OWNER'S ASSOCIATION. FOR GRINDER PUMPS THAT CONNECT TO A PRESSURE SEWER MAIN. THE GRINDER PUMP SHALL BE MODEL MANUFACTURED BY ENVIRONMENT ONE CORPORATION OR A TYPE APPROVED BY THE CITY OF SANTA FE, WASTEWATER MANAGEMENT DIVISION. FOR PUMPS THAT CONNECT TO A GRAVITY MAIN, THE PUMP SHALL BE OF A TYPE APPROVED BY THE CITY OF SANTA FE PLUMBING CODE.

2. ALL PRESSURE SEWER SYSTEMS SHALL BE HYDROSTATICALLY PRESSURE TESTED @ 120 PSI FOR 2 HOURS MINIMUM. THE TEST IS TO BE WITNESSED AND CERTIFIED BY THE PROJECT ENGINEER OR AUTHORIZED REPRESENTATIVE. NO HYDROSTATIC TESTING SHALL OCCUR WHEN AIR TEMPERATURES ARE BELOW 35° F. PRIOR TO ACCEPTANCE BY THE CITY OF SANTA FE, ALL PRESSURE SEWER SYSTEM MAIN LINES WILL BE FILLED WITH WATER.

3. NO PUBLIC PRESSURE SEWER SYSTEM PIPING MAY BE INSTALLED IN A COMMON TRENCH WITH

CD

4. AN APPROVED CHECK VALVE AND ISOLATION VALVE ARE REQUIRED ON ALL LOW PRESSURE SEWER SERVICE LINES, AS PER THE CITY OF SANTA FE STANDARD SPECIFICATIONS FOR SANITARY SEWER EXTENSIONS.

TERMINAL FLUSHING CONNECTIONS AND IN-LINE FLUSHING CONNECTIONS ARE REQUIRED ON ALL LOW PRESSURE SEWER SYSTEMS. THE MAXIMUM SPACING BETWEEN IN-LINE FLUSHING CONNECTIONS SHALL BE 500 FEET. DISTANCES GREATER THAN 500 FEET BETWEEN LOW PRESSURE SEWER IN-LINE FLUSHING CONNECTIONS SHALL BE APPROVED BY THE WASTEWATER

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	EXISTING WATER LINE									
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— — — UGEL	EXISTING UNDERGROUND ELECTRIC									
————GAS -	EXISTING GAS LINE	S								
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### **PIPELINE GEOTECHNICAL NOTES**

- 1. TRENCHES AND EXCAVATIONS: ALL TRENCHES GREATER THAN FOUR FEET IN DEPTH MUST BE SLOPED, SHORED OR BRACED OR OTHERWISE SUPPORTED ACCORDING TO OSHA CONSTRUCTION AND SAFETY STANDARDS. MATERIAL EXCAVATED FROM THE TRENCH OR SPOIL MUST BE PLACED A MINIMUM OF TWO FEET FROM THE EDGE OF THE EXCAVATION. THE SPOIL SHOULD BE RETAINED IN AN EFFECTIVE MANNER SUCH THAT NO LOOSE MATERIAL CAN FALL INTO THE EXCAVATION. NATURAL SOILS AND FILL SOILS ENCOUNTERED AT THIS SITE SHOULD BE TREATED AS OSHA TYPE C SOILS. TRENCH WALLS IN FILL AND NATURAL SOILS SHALL NOT EXCEED A SLOPE STEEPER THAN 1.5:1 (HORIZONTAL:VERTICAL). TRENCH WALLS IN GRAVEL/COBBLES SHALL NOT EXCEED A SLOPE GREATER THAN 2:1. MATERIAL STOCKPILES SHALL BE LOCATED A MINIMUM OF FIVE FEET FROM THE TOP OF THE SLOPE.
- 2. TRENCH BOXES: IF NECESSARY, SUITABLE BRACING SUCH AS TRENCH BOXES SHALL BE USED TO PREVENT THE CREEPING AND/OR CAVING OF EXCAVATIONS.
- 3. EARTHWORK: EARTHWORK FOR THE PIPELINE SHALL BE PERFORMED AS DETAILED IN THE NEW MEXICO "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION." IF VIBRATORY COMPACTION POSES A THREAT TO NEARBY STRUCTURES, STATIC COMPACTION SHALL BE UTILIZED.
- 4. NATIVE SOILS SUITABLE FOR USE AS TRENCH AND ROADWAY BACKFILL; BLENDING AND/OR PROCESSING MAY BE REQUIRED IN ORDER TO MEET GRADATION SPECIFICATIONS. ALL TRENCH AND ROADWAY BACKFILL SHALL BE FREE OF VEGETATION AND DEBRIS AND CONTAIN NO ROCKS LARGER THAN 4 INCHES. IMPORT MATERIAL MAY ALSO BE USED AS FILL PROVIDED IT MEETS THE SPECIFICATIONS PRESENTED BELOW:

SIZE	PERCENT PASSING
4-INCH	100
No. 4	60 - 100
No. 200	10 - 50

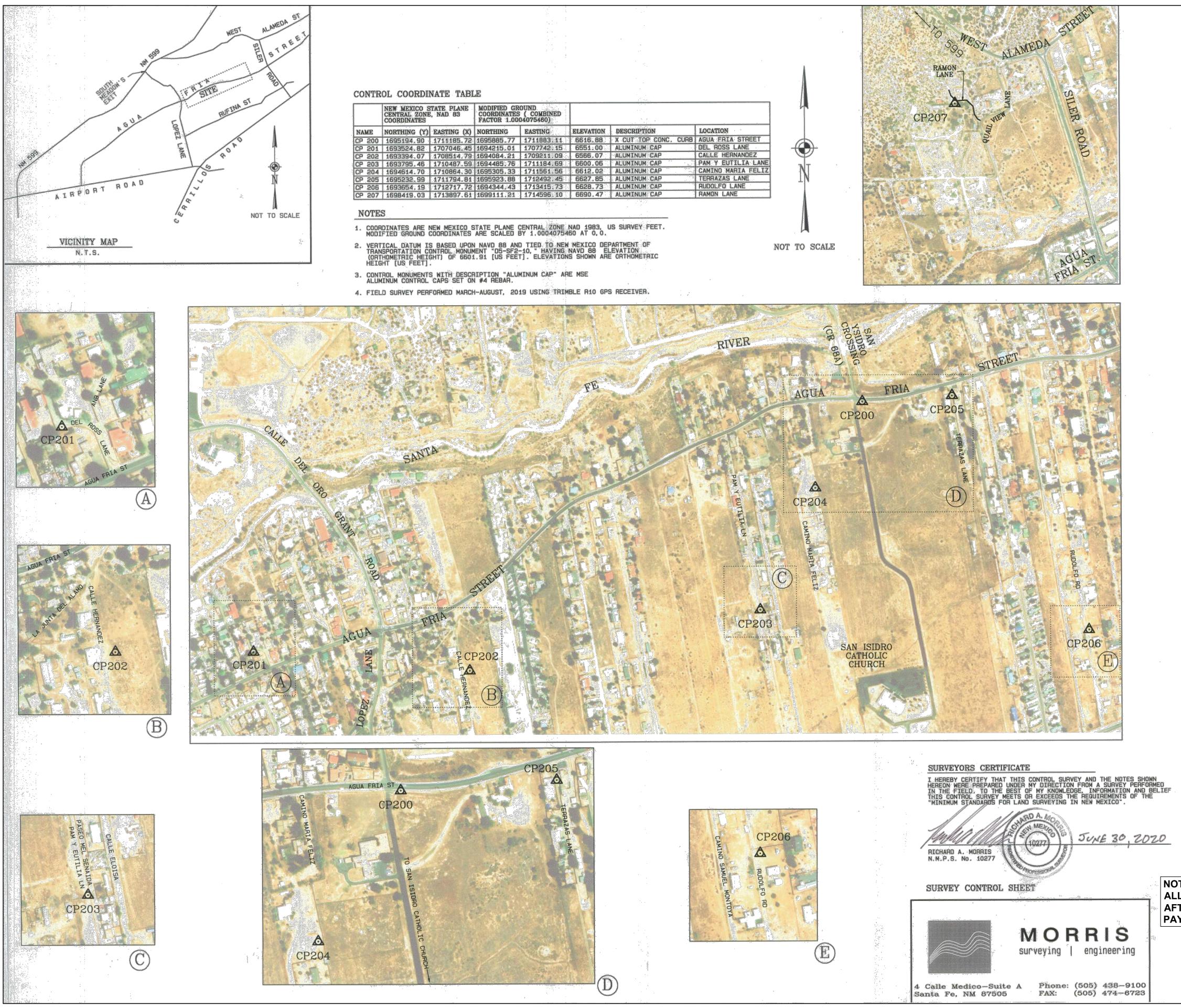
- 5. BACKFILL SHALL BE PLACED IN 8-INCH LOOSE LIFTS AND COMPACTED WITH APPROVED COMPACTION EQUIPMENT.
- 6. ALL COMPACTION OF FILL OR BACKFILL SHALL BE ACCOMPLISHED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM D-1557. THE MOISTURE CONTENT OF THE STRUCTURAL FILL DURING COMPACTION SHOULD BE WITHIN 2 PERCENT OF THE OPTIMUM MOISTURE CONTENT.

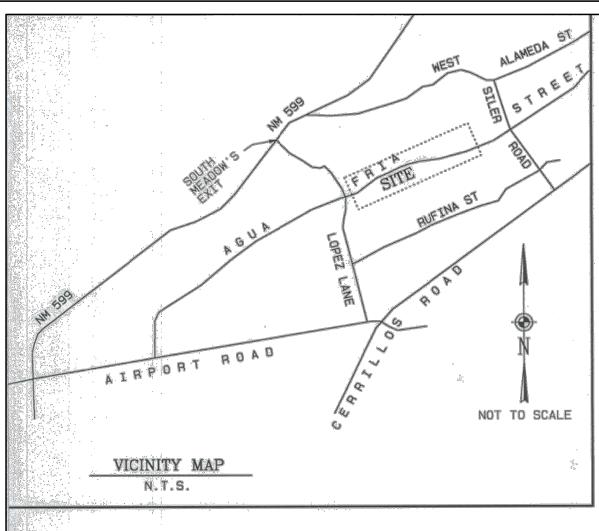
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LEROY ALVARADO UTILITIES INFRASTRUCTURE MANAGER SANTA FE COUNTY	LALVARADO@SANTAFECOUNTYNM.GOV (505) 986-6237
MIKE HART PROJECT MANAGER SANTA FE COUNTY	MHART@SANTAFECOUNTYNM.GOV (505) 992-9829
FRANK ARAGON NEW MEXICO GAS COMPANY	(505) 470-0668
LORENZO LUJAN CENTURY LINK LOCAL	(505) 425-9345
DAVE AIKIN COMCAST	(505) 474-7886
DON FERRIS PNM	(505) 473-3279
RAMON ROMERO PRESIDENT VILLAGE OF AGUA FRIA WATER USERS ASSOCOIATION	(505) 204-2394
ANA BERRY CANONCITO MUTUAL DOMESTIC WATER	(505) 490-2128

ENGINEER'S SEAL		NALT				
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FORMATION	DATE	DATE	DATE	DATE		DATE
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<b>BENCH MARKS</b>						
		BY		DATE 1/19/2024	DATE 1/19/2024	DATE 1/19/2024
		REMARKS	REVISIONS	<b>UE01GN</b>		
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NAME	NORTHING (Y)	EASTING (X)	NORTHING	EASTING
CP 200	1695194.90	1711185.72	1695885.77	1711883
CP 201	1693524.82	1707046.45	1694215.01	1707742
CP 202	1693394.07	1708514.79	1694084.21	1709211
CP 203	1693795.46	1710487.59	1694485.76	1711184
CP 204	1694614.70	1710864.30	1695305.33	1711561
CP 205	1695232.99	1711794.81	1695923.88	1712492
CP 206	1693654.19	1712717.72	1694344.43	1713415
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YMENT.					DATE	1		SLC	AMS	NEC
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Co. See Salari	WASTEWATER		ΕΝ٦	ſS						
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PA	PAM Y EUTILIA TANGENT TABLE						
ID	BEARING	LENGTH					
T26	N10°53'30"W	1466.49'					
T27	N34°22'10"W	29.10'					
T28	N11°00'34"W	238.52'					
T29	N18°47'07"W	26.40'					
Т30	N25°22'20"W	20.98'					
	PAM Y EUTILIA POINT TABLE						
$\bigcirc$	EASTING	NORTHING					
2	1711042.18	1695372.8					

2	1711042.18	1695372.87
3	1711025.76	1695396.89
4	1710980.21	1695631.02
5	1710971.70	1695656.02
6	1710962.71	1695674.97

TERRAZAS LANE TANGENT TABLE					
ID	BEARING	LENGTH			
T39	N10°25'25"W	645.91'			
T40	N10°34'49"W	188.48'			
T41	N07°45'19"W	101.13'			

TERRAZAS LANE POINT TABLE				
1	1712655.90	1695081.11		
2	1712539.04	1695716.37		
3	1712504.44	1695901.64		
4	1712490.79	1696001.84		

POINT TABLE							
POINT #	DINT # DESCRIPTION NORTHING						
1	SAS MH-1	1694313.66	1707825.61				
2	2" X 4" REDUCER	1694320.73	1707830.01				
3	BEND	1694352.81	1707862.97				
4	BEND	1694374.27	1707869.80				
5	SAS MH-2	1694571.58	1707793.19				

ANB LANE TANGENT TABLE						
ID LENGTH BEARING						
T13	212.93	S21° 43' 12.00"E				
T14	22.82	S23° 16' 48.00"W				
T15	30.99	S45° 46' 52.14"W				
T16	8.37	S32° 05' 21.10"W				

IA POINT TABLE           NORTHING           2.18         1695372.87           5.76         1695396.89           0.21         1695631.02           1.70         1695656.02           2.71         1695674.97		 TANK NCL	ALL MEL	LL CO SN CO	K (24195) N	AN HATTLE OF	0191 T 10/002		anthin
	FORMATION	DATE		DATE		DATE	DATE		DATE
NGENT TABLE LENGTH 645.91'	SEALAS-BUILT INFORMATION	CONTRACTOR	WORK	STAKED BY	INSPECTOR'S	ACCEPTANCE BY	FIELD VERIFICATION BY		DRAWINGS CORRECTED BY
188.48'         101.13'         POINT TABLE         NORTHING         1695081.11         1695716.37         1695901.64         1696001.84	BENCH MAREAGINEER'S								
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NG 0.61 0.01 0.97 0.80 0.19	×						DATE 1/19	DATE 1/19	DATE 1/19
				REMARKS	REVISIONS	DESIGN			
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<b>Uston</b> 800.877.5332				NO. DATE			DESIGNED BY	CHECKED BY	DRAWN BY

#### HISTORIC VILLAGE OF AGUA FRIA WASTEWATER IMPROVEMENTS OVERALL SITE MAP

20240315

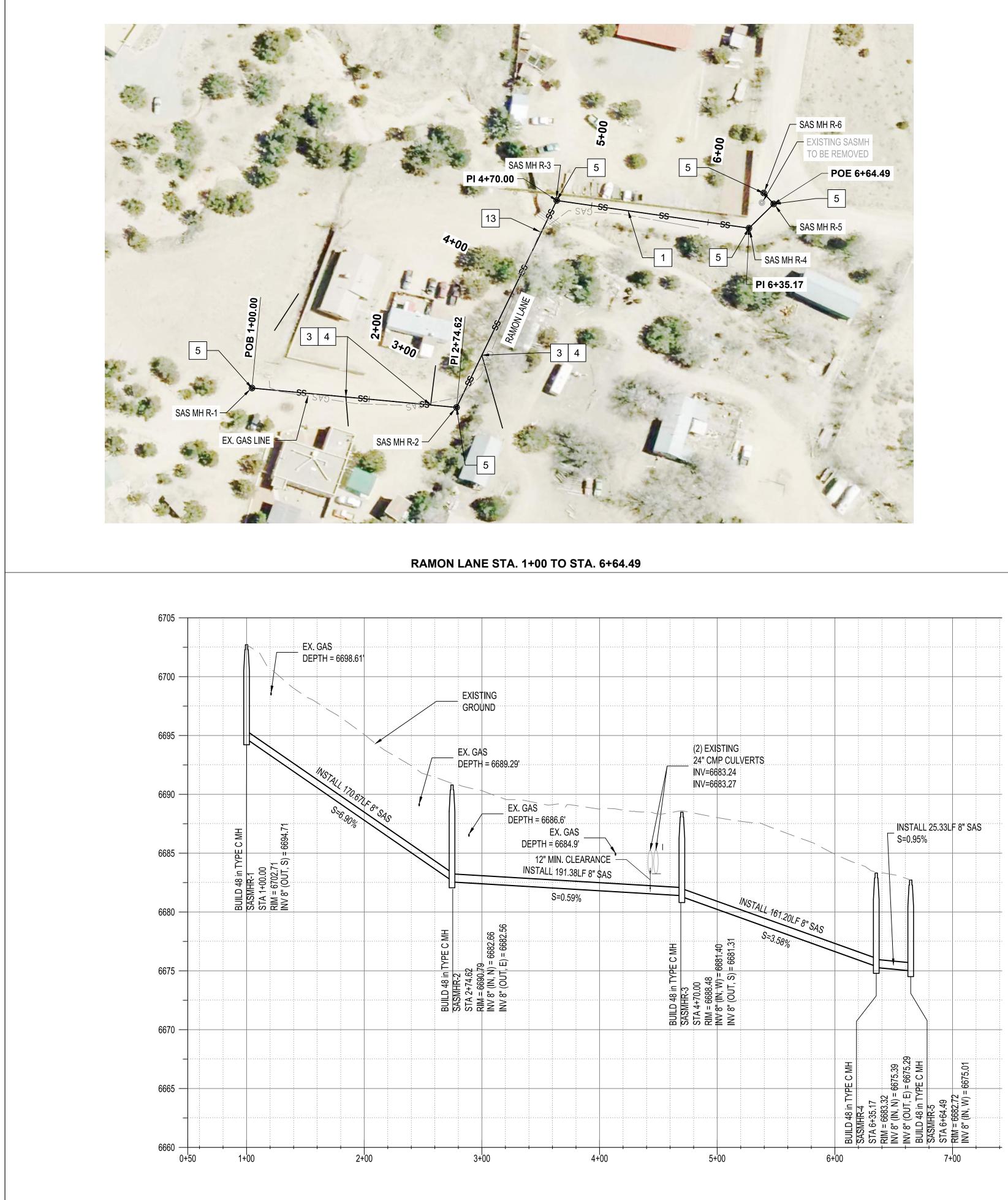
DWG NO.

G-05

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OF

24



Wed, 20-Mar-2024 - 9:44:am, Plotted by: BTHOMPSON P:\20240315\WS\Design\Plans\20240315\_13-15\_WW\_PNP-01-03.dwg

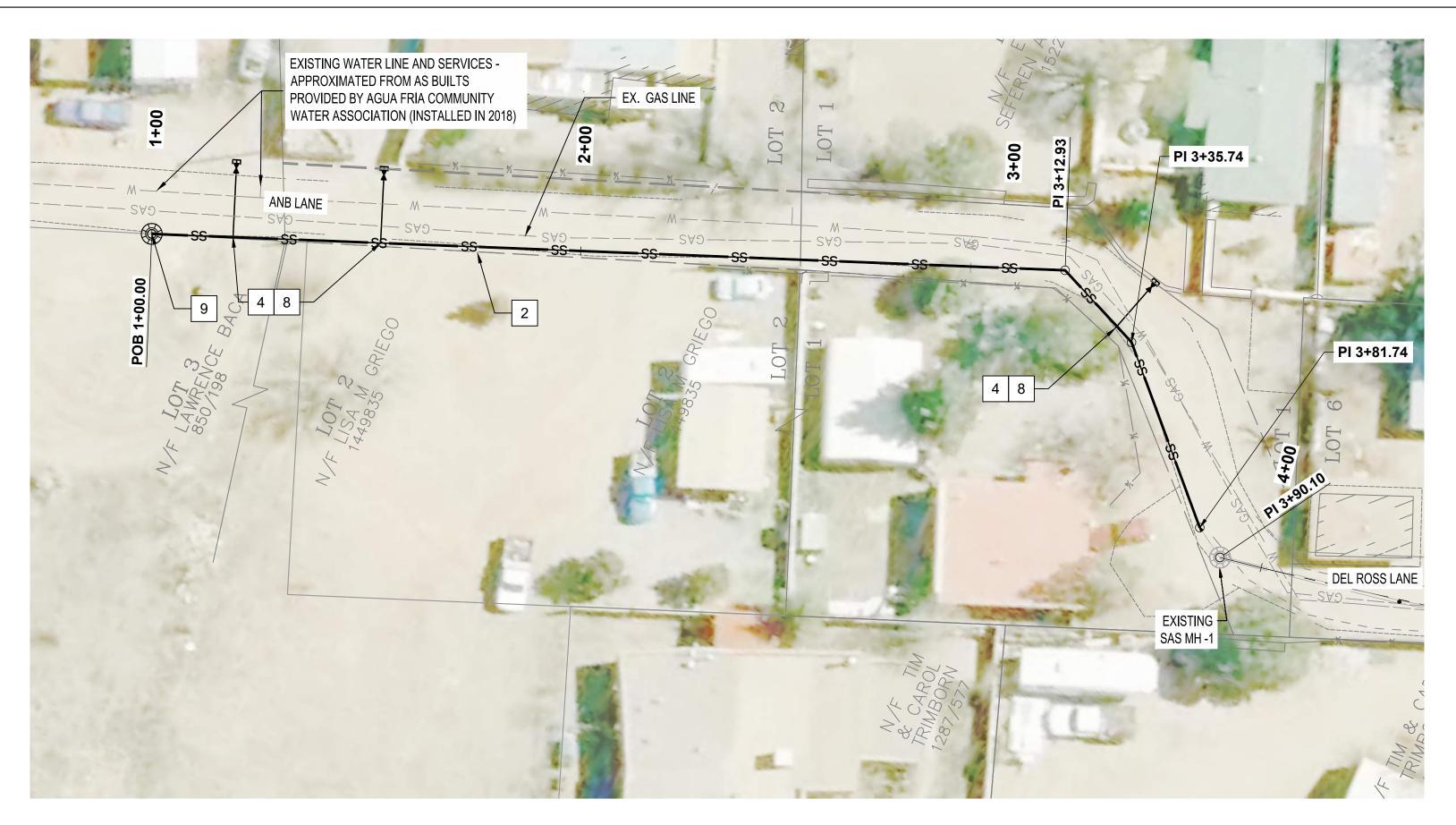


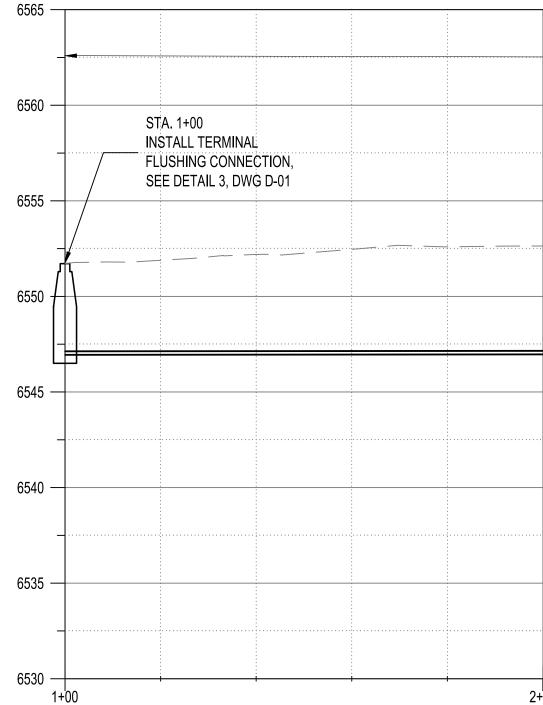
	SEW	ER SERVICE LINES	
HOME OWNER	DOWN-STREAM	SAS SERVICE MAIN CONNECTION	SERVICE
ID/ADDRESS	MH	DISTANCE FROM DOWNSTREAM MH	LENGTH
	MH R-2	174.6	
	MH R-3	195.4	
	MH R-4	165.2	
	MH R-5	29.3	
	MH R-6	12.6	
	MH R-6	12.6	

PLAN DRAWIN HORIZONTAL SCALE: 1" = 50' VERT

NOTICE OF EXTENDED PAYMENT PROVISION: THIS ALLOWS THE OWNERS TO MAKE PAYMENT WITHIN AFTER SUBMISSION OF AN UNDISPUTED REQUEST PAYMENT.

	<ol> <li>GENERAL NOTES:</li> <li>SEWER LINE CONNECTIONS SHALL BE COORDINATED WITH THE CITY OF SANTA FE PUBLIC WORKS DEPARTMENT.</li> <li>CONSTRUCT MANHOLES PER CITY OF SANTA FE STANDARD</li> </ol>								
0 50	<ol> <li>DRAWINGS.</li> <li>LOW PRESSURE STUB-OUTS LOCATION SHALL BE DETERMINED IN FIELD BY THE CITY OF SANTA FE. EXTEND TO EDGE OF ROAD.</li> <li>CONTRACTOR SHALL VERIFY ELEVATION AND LOCATION OF EXISTING 8" STUB.</li> <li>RESTORE ROADWAY PER DETAIL 2, DWG D-01.</li> <li>EXISTING WATER SERVICES SHALL BE REPLACED TO METER CAN. RELOCATE NEW METER IN OLD CAN.</li> <li>ALL MANHOLE COLLARS AND COVERS SHALL BE PLACED 6" BELOW FINISHED GRADE WITH ADJACENT CARSONITE MARKER.</li> <li>CONTRACTOR SHALL COORDINATE TREE TRIMMING AND/OR REMOVAL WITH SANTE FE COUNTY REPRESENTATIVE AND HOME OWNER.</li> </ol>	)						1	
	IEGEND         NEW SANITARY SEWER LINE         w       NEW WATER LINE         W       EXISTING WATER LINE	ENGINEER'S SEAL	or or	DE CU MEY ON OF	$\left  \left\langle \left( 24195 \right)^{2} \right\rangle \right  = \left  \left( 24195 \right)^{2} \right\rangle \right  = \left  \left( 24195 \right)^{2} \right\rangle $	an later and			
	SS       EXISTING SANITARY SEWER         PHON       EXISTING COMM LINE (SURVEYED)         C       EXISTING COMM LINE         UGEL       EXISTING UNDERGROUND ELECTRIC         GAS       EXISTING GAS LINE         PERMIT BOUNDARY	<b>AS-BUILT INFORMATION</b>	TOR DATE	Y DATE		NUE BY UAIE	TION BY DATE		ED BY DATE
NG SCALE: 1" = 50' TICAL SCALE: 1"=5'	KEYED NOTES       EXISTING FENCE         1       NEW 8" SANITARY SEWER LINE         2       NEW 2" LOW PRESSURE SEWER LINE         3       INSTALL SANITARY SEWER SERVICE LINE         4       CONNECT TO NEW SANITARY SEWER LINE         5       INSTALL 1 - SANITARY SEWER MANHOLE PER CITY OF SANTA FE STANDARD DETAILS ON DWGS. NO. D-02 AND D-06         6       REMOVE AND REPLACE EXISTING FENCE, MATCH EXISTING         7       NOT USED.         8       INSTALL LOW PRESSURE STUB OUT WITH VALVE,	ARKS	CONTRACTOR	WORK STAKED BY	INSPECTOR'S		FIELD FIELD FIELD	DBAWING	CORRECTED BY
	<ul> <li>SEE DETAIL 2 DWG. NO. D-07</li> <li>INSTALL TERMINAL FLUSHING CONNECTION, SEE DETAIL 1, DWG. NO. D-07</li> <li>INSTALL NEW 8" C900 PVC WATER LINE, SEE DETAIL 01, DWG D-01.</li> <li>EXISTING WATER LINE TO BE REMOVED ONCE NEW WATER LINE IS CONNECTED TO SERVICE LINES.</li> <li>CONNECT LOW PRESSURE LINE TO EXISTING MANHOLE.</li> <li>INLINE FLUSHING STATION PER DETAIL 2, DWG D-06.</li> <li>GAS LINE TO BE RELOCATED IF NECESSARY TO INSTALL NEW SAS OR IN WATERLINE RELOCATION.</li> <li><b>TRAFFIC CONTROL NOTES</b></li> <li>CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS DURING NON-WORKING HOURS</li> <li>CONTRACTOR SHALL COVER ANY TRENCHES NIGHTLY.</li> </ul>			REMARKS	REVISIONS	DESIGN	DATE 1/19/2024		DATE 1/19/2024
	Bohannan A Huston www.bhinc.com BOUA FRIA WASTEWATER IMPR			NO. DATE	-		DESIGNED BY SLC	BΥ	DRAWN BY NEC
CONTRACT N 45 DAYS F FOR	RAMON LANE           STA 1+00 TO 6+64.49           BHI PROJECT NO.           20240315           DWG NO.           WW-0		SHEET	06	OF		24		





ANB LANE STA. 1+00 TO STA. 3+89.15

PLAN DRAWING HORIZONTAL SCALE: 1' = 20' VERTIG

	STA. 1+00 TO STA. 3+80.79 INSTALL 2" HDPE					-	6565
							6560
		Existing Ground		STA. 3+80.79 INSTALL 2" X 4" R	EDUCER		6555
····					5' MIN. BURY		6550
S=-0.(	02%						
							6545
			ONTAL 45 DEG BEND	INSTALL HORIZONTAL 22.5 DEG BEND       STA = 3+35.74       ELEV = 6547.18		STA. 3+89 15 V PRESSURE CONNECTION TY SEWER MAIN MANHOLE TP ELEV 6547.00'	6540
			INSTALL HORIZONTAL 45 DEG B STA = 3+12.93 ELEV = 6547.19	INSTALL H STA = 3+35 ELEV = 654		EX. 4" PIPE LOW PRESS TO EX. GRAVITY SEWE	6535
2+00			3+00			ł	6530 +00

NOTICE OF EXTENDED PAYMENT PROVISION: THIS C ALLOWS THE OWNERS TO MAKE PAYMENT WITHIN AFTER SUBMISSION OF AN UNDISPUTED REQUEST PAYMENT.

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20 1"=20'	<ol> <li>GENERAL NOTES:         <ol> <li>SEWER LINE CONNECTIONS SHALL BE COORDINAT THE CITY OF SANTA FE PUBLIC WORKS DEPARTME</li> <li>CONSTRUCT MANHOLES PER CITY OF SANTA FE ST DRAWINGS.</li> <li>LOW PRESSURE STUB-OUTS LOCATION SHALL BE DETERMINED IN FIELD BY CONTRACTOR, RESIDENT SANTA FE COUNTY REPRESENTATIVE.</li> <li>CONTRACTOR SHALL VERIFY ELEVATION AND LOCE EXISTING 8" STUB.</li> <li>RESTORE ROADWAY PER DETAIL 2, DWG D-01.</li> <li>EXISTING WATER SERVICES SHALL BE REPLACED CAN. RELOCATE NEW METER IN OLD CAN.</li> <li>ALL MANHOLE COLLARS AND COVERS SHALL BE PER FLUSH WITH FINISHED GRADE.</li> <li>CONTRACTOR SHALL COORDINATE TREE TRIMMINING REMOVAL WITH SANTE FE COUNTY REPRESENTAT HOME OWNER.</li> </ol> </li> </ol>	ENT. TANDARD					5-
	LEGEND         NEW SANITARY SEWER LINE         W       NEW WATER LINE         W       EXISTING WATER LINE         SS       EXISTING SANITARY SEWER		ENGINEEK'S SEAL	DE ALMARY SWARZ	₹ (24195) B	151	(ing the
NG SCALE: 1' = 20' FICAL SCALE: 1"=5'		<i>'</i>  _	INFORMATION DATE	DATE	DATE	DATE	DATE
	<ul> <li>PERMIT BOUNDARY</li> <li># EXISTING FENCE</li> <li>KEYED NOTES</li> <li>1 NEW 8" SANITARY SEWER LINE</li> <li>2 NEW 2" LOW PRESSURE SEWER LINE</li> <li>3 INSTALL SANITARY SEWER SERVICE LINE</li> </ul>		AS-BUILI CONTRACTOR	WORK STAKED BY	INSPECTOR'S ACCEPTANCE BY	FIELD VERIFICATION BY	DRAWINGS CORRECTED BY
	<ul> <li>4 CONNECT TO NEW SANITARY SEWER LINE</li> <li>5 INSTALL 1 - SANITARY SEWER MANHOLE PER CITY SANTA FE STANDARD DETAILS ON DWGS. NO. D-0</li> <li>6 REMOVE AND REPLACE EXISTING FENCE, MATCH</li> <li>7 NOT USED.</li> <li>8 INSTALL LOW PRESSURE STUB OUT WITH VALVE, SEE DETAIL 2 DWG. NO. D-07</li> <li>9 INSTALL TERMINAL FLUSHING CONNECTION, SEE DWG. NO. D-07</li> </ul>		BENCH MAKKS				
	10 INSTALL NEW 8" C900 PVC WATER LINE, SEE DET, DWG D-01.	AIL 01,		BY		1/19/2024	1/19/2024 1/19/2024
	<ul> <li>11 EXISTING WATER LINE TO BE REMOVED ONCE NE WATER LINE IS CONNECTED TO SERVICE LINES.</li> <li>12 CONNECT LOW PRESSURE LINE TO EXISTING MAN</li> <li>13 INLINE FLUSHING STATION PER DETAIL 2, DWG D-</li> <li>14 GAS LINE TO BE RELOCATED IF NECESSARY TO I NEW SAS OR IN WATERLINE RELOCATION.</li> <li>TRAFFIC CONTROL NOTES</li> <li>1. CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEW DURING NON-WORKING HOURS</li> <li>2. CONTRACTOR SHALL COVER ANY TRENCHES NIGHT</li> </ul>	NHOLE. -06. INSTALL		REMARKS	REVISIONS DESIGN	DATE	DATE 1/19/ DATE 1/19/
	Bohannan A Hust www.bhinc.com			NO. DATE		ΒY	CHECKED BY AMS DRAWN BY NEC
CONTRACT	AGUA FRIA WASTEWATE ANB LAN	NE	VEME	NTS			
N 45 DAYS FOR	BHI PROJECT NO. DWG NG		SHEET	<sup>т</sup> 07	OF	24	
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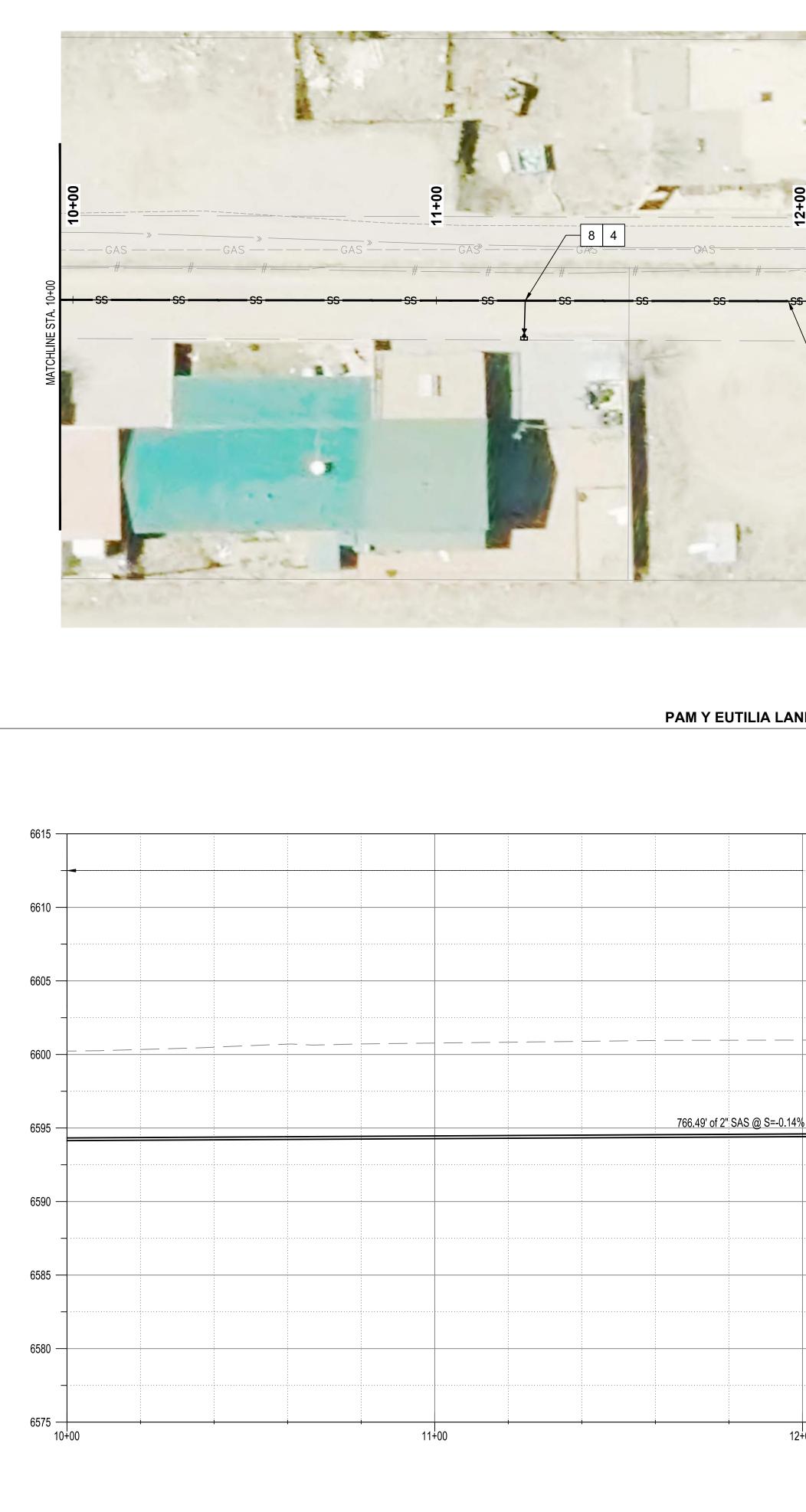


0 20 1"=20'	GENERAL NOTE1.SEWER LINE CONNECTTHE CITY OF SANTA2.CONSTRUCT MANHODRAWINGS.3.LOW PRESSURE STUDETERMINED IN FIELEDGE OF ROAD.	CTIONS SHALL BE C FE PUBLIC WORKS I DLES PER CITY OF S IB-OUTS LOCATION	DEPARTMENT. ANTA FE STANDARD							
	<ol> <li>CONTRACTOR SHALL EXISTING 8" STUB.</li> <li>RESTORE ROADWAY</li> <li>EXISTING WATER SE CAN. RELOCATE NEV</li> <li>ALL MANHOLE COLLA BELOW FINISHED GR MARKER.</li> <li>CONTRACTOR SHALL</li> </ol>	PER DETAIL 2, DWC RVICES SHALL BE R METER IN OLD CA ARS AND COVERS S ADE WITH ADJACEN	G D-01. EPLACED TO METER N. HALL BE PLACED 6" IT CARSONITE							
MATCHLINE STA. 5+50	REMOVAL WITH SAN HOME OWNER.	TE FE COUNTY REP - NEW SANITARY S - NEW WATER LINE - EXISTING WATER - EXISTING SANITA	EWER LINE LINE	ENGINEER'S SEAL	SMAR SMAR	D KIN MEY NO	A (24195) B	SAN PALTUS OF		man
	— — — — PHON — — — — C — — UGEL — — — — — GAS —	<ul> <li>EXISTING COMM I</li> <li>EXISTING COMM I</li> <li>EXISTING UNDER</li> </ul>	INE (SURVEYED) INE GROUND ELECTRIC	<b>INFORMATION</b>	DATE	DATE	DATE		DATE	DATE
	# KEYED NOTES 1 NEW 8" SANITARY S 2 NEW 2" LOW PRESS		RΥ	AS-BUILT IN	CONTRACTOR	WORK STAKED BY	INSPECTOR'S ACCEPTANCE BY	EIELD	VERIFICATION BY	DRAWINGS CORRECTED BY
NG SCALE: 1" = 20' TICAL SCALE: 1"=5' 6615	<ul> <li>4 CONNECT TO NEW</li> <li>5 INSTALL 1 - SANITA SANTA FE STANDA</li> <li>6 REMOVE AND REPL</li> <li>7 NOT USED.</li> <li>8 INSTALL LOW PRES SEE DETAIL 2 DWG</li> </ul>	LACE EXISTING FENC SSURE STUB OUT WI NO. D-07	INE E PER CITY OF GS. NO. D-02 AND D-06 CE, MATCH EXISTING TH VALVE,	<b>BENCH MARKS</b>						
6610 6605 6600	Jordson       Jordson	FLUSHING CONNEC 900 PVC WATER LINE INE TO BE REMOVED NNECTED TO SERVIC ESSURE LINE TO EXI STATION PER DETAIL ELOCATED IF NECES	E, SEE DETAIL 01, D ONCE NEW CE LINES. STING MANHOLE. 2, DWG D-06. SARY TO INSTALL			BY				DATE 1/19/2024
6595 6590	TRAFFIC CONTR         1. CONTRACTOR SHALL         DURING NON-WORKII         2. CONTRACTOR SHALL	COL NOTES	TO DRIVEWAYS			REMARKS	REVISIONS	DESIGN		
6585	Bohann www.bhinc.com	an 🛦 F	<b>Suston</b> 800.877.5332			NO. DATE				DRAWN BY NEC
CONTRACT N 45 DAYS F FOR		Y EUTILIA LA STA 2	EWATER IMPRO NE/PASEO MEI I+00 TO 5+50	SE		_	OF	2		
	20240			<i>,</i>		00		2	т	



PAYMENT.

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0 20 1"=20'	<ol> <li>GENERAL NOTES:         <ol> <li>SEWER LINE CONNECTIONS SHALL BE COORDINATED WITH THE CITY OF SANTA FE PUBLIC WORKS DEPARTMENT.</li> <li>CONSTRUCT MANHOLES PER CITY OF SANTA FE STANDARD DRAWINGS.</li> <li>LOW PRESSURE STUB-OUTS LOCATION SHALL BE DETERMINED IN FIELD BY THE CITY OF SANTA FE. EXTEND TO EDGE OF ROAD.</li> <li>CONTRACTOR SHALL VERIFY ELEVATION AND LOCATION OF EXISTING 8" STUB.</li> <li>RESTORE ROADWAY PER DETAIL 2, DWG D-01.</li> <li>EXISTING WATER SERVICES SHALL BE REPLACED TO METER CAN. RELOCATE NEW METER IN OLD CAN.</li> <li>ALL MANHOLE COLLARS AND COVERS SHALL BE PLACED 6" BELOW FINISHED GRADE WITH ADJACENT CARSONITE MARKER.</li> <li>CONTRACTOR SHALL COORDINATE TREE TRIMMING AND/OR REMOVAL WITH SANTE FE COUNTY REPRESENTATIVE AND</li> </ol> </li> </ol>								
MATCHLINE STA. 10+00	HOME OWNER.         LEGEND         NEW SANITARY SEWER LINE         w       NEW WATER LINE         W       EXISTING WATER LINE         SS       EXISTING SANITARY SEWER	ENGINEER'S SEAL	and Other	REAL MEY ON PLAN	$\left  \bigotimes \left( 24195 \right)^{\circ} \right) $		1 10/01/1 ENG		7
	PHON       EXISTING COMM LINE (SURVEYED)        C       EXISTING COMM LINE	INFORMATION	DATE	DATE		DAIE	DATE		DATE
		AS-BUILT	CONTRACTOR	WORK STAKED BY		ACCEPIANCE BY	FIELD VERIFICATION BY	DRAWINGS	CORRECTED BY
ING SCALE: 1" = 20' TICAL SCALE: 1"=5' - 6615 - 6610	<ol> <li>NEW 8" SANITARY SEWER LINE</li> <li>NEW 2" LOW PRESSURE SEWER LINE</li> <li>INSTALL SANITARY SEWER SERVICE LINE</li> <li>CONNECT TO NEW SANITARY SEWER LINE</li> <li>CONNECT TO NEW SANITARY SEWER LINE</li> <li>INSTALL 1 - SANITARY SEWER MANHOLE PER CITY OF SANTA FE STANDARD DETAILS ON DWGS. NO. D-02 AND D-06</li> <li>REMOVE AND REPLACE EXISTING FENCE, MATCH EXISTING</li> <li>NOT USED.</li> <li>INSTALL LOW PRESSURE STUB OUT WITH VALVE, SEE DETAIL 2 DWG. NO. D-07</li> <li>INSTALL TERMINAL FLUSHING CONNECTION, SEE DETAIL 1,</li> </ol>	BENCH MARKS							
- 6605	DWG. NO. D-07         INSTALL NEW 8" C900 PVC WATER LINE, SEE DETAIL 01, DWG D-01.         EXISTING WATER LINE TO BE REMOVED ONCE NEW WATER LINE IS CONNECTED TO SERVICE LINES.			B			DATE 1/19/2024		DATE 1/19/20/24
- 6600 - 6595	<ul> <li>CONNECT LOW PRESSURE LINE TO EXISTING MANHOLE.</li> <li>INLINE FLUSHING STATION PER DETAIL 2, DWG D-06.</li> <li>GAS LINE TO BE RELOCATED IF NECESSARY TO INSTALL NEW SAS OR IN WATERLINE RELOCATION.</li> <li>TRAFFIC CONTROL NOTES</li> </ul>								
- 6590	<ol> <li>CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS DURING NON-WORKING HOURS</li> <li>CONTRACTOR SHALL COVER ANY TRENCHES NIGHTLY.</li> </ol>			REMARKS	REVISIONS	DESIGN			
- 6585									
- 6580	Bohannan A Huston www.bhinc.com 800.877.5332			NO. DATE	-		DESIGNED BY SLC	ΒY	DRAWN BY NEC
CONTRACT	AGUA FRIA WASTEWATER IMPRO PAM Y EUTILIA LANE/PASEO ME STA 5+50 TO 10+00		ENAI	ITS DA					
TFOR	BHI PROJECT NO. 20240315 DWG NO. WW-04	4	SHEET	09	OF		24		



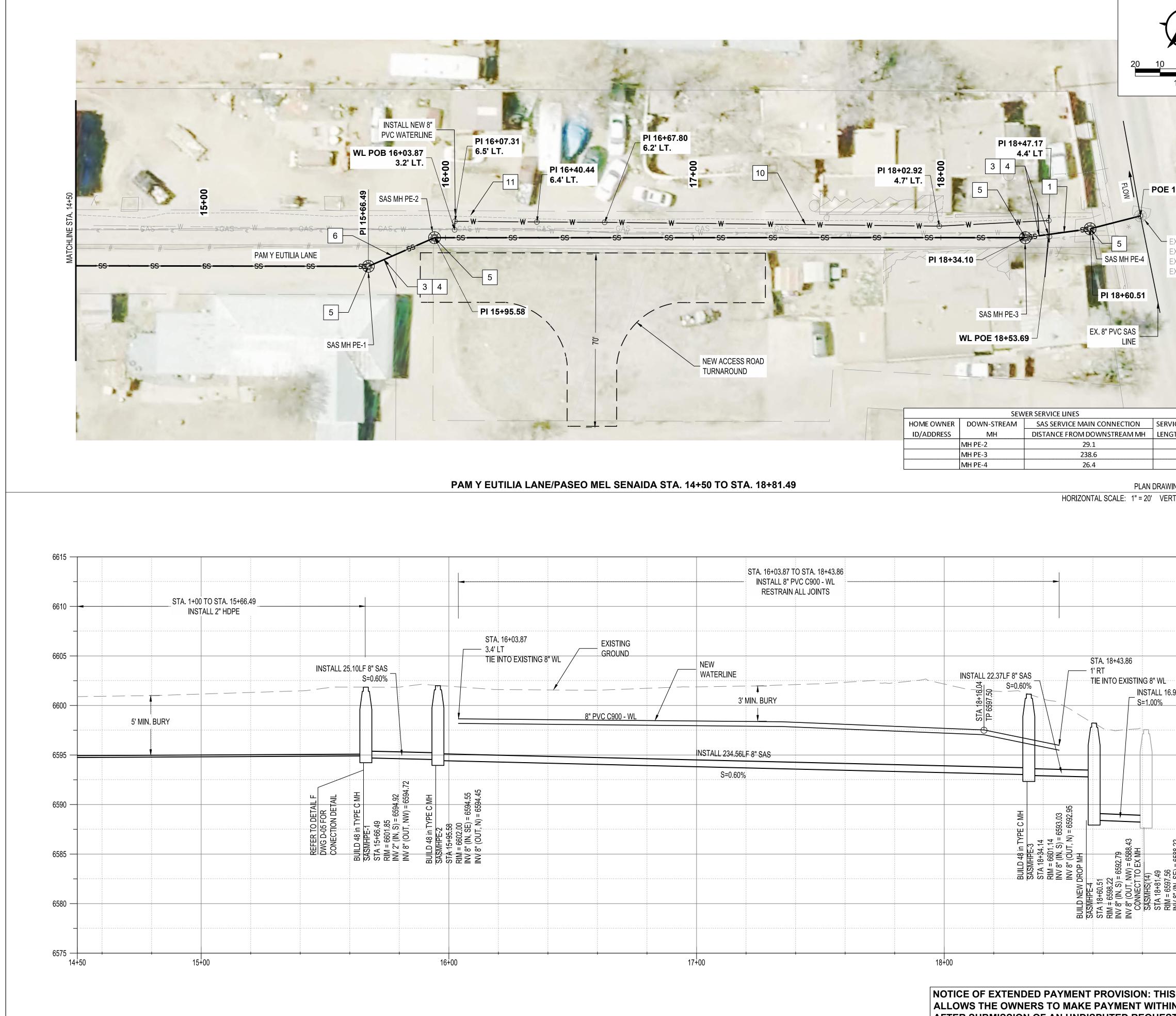
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} $	PAM Y EUTILIA LANE     GAS     GAS
2 84	84

#### PAM Y EUTILIA LANE/PASEO MEL SENAIDA STA. 10+00 TO STA. 14+50

PLAN DRAWIN HORIZONTAL SCALE: 1" = 20' VERT

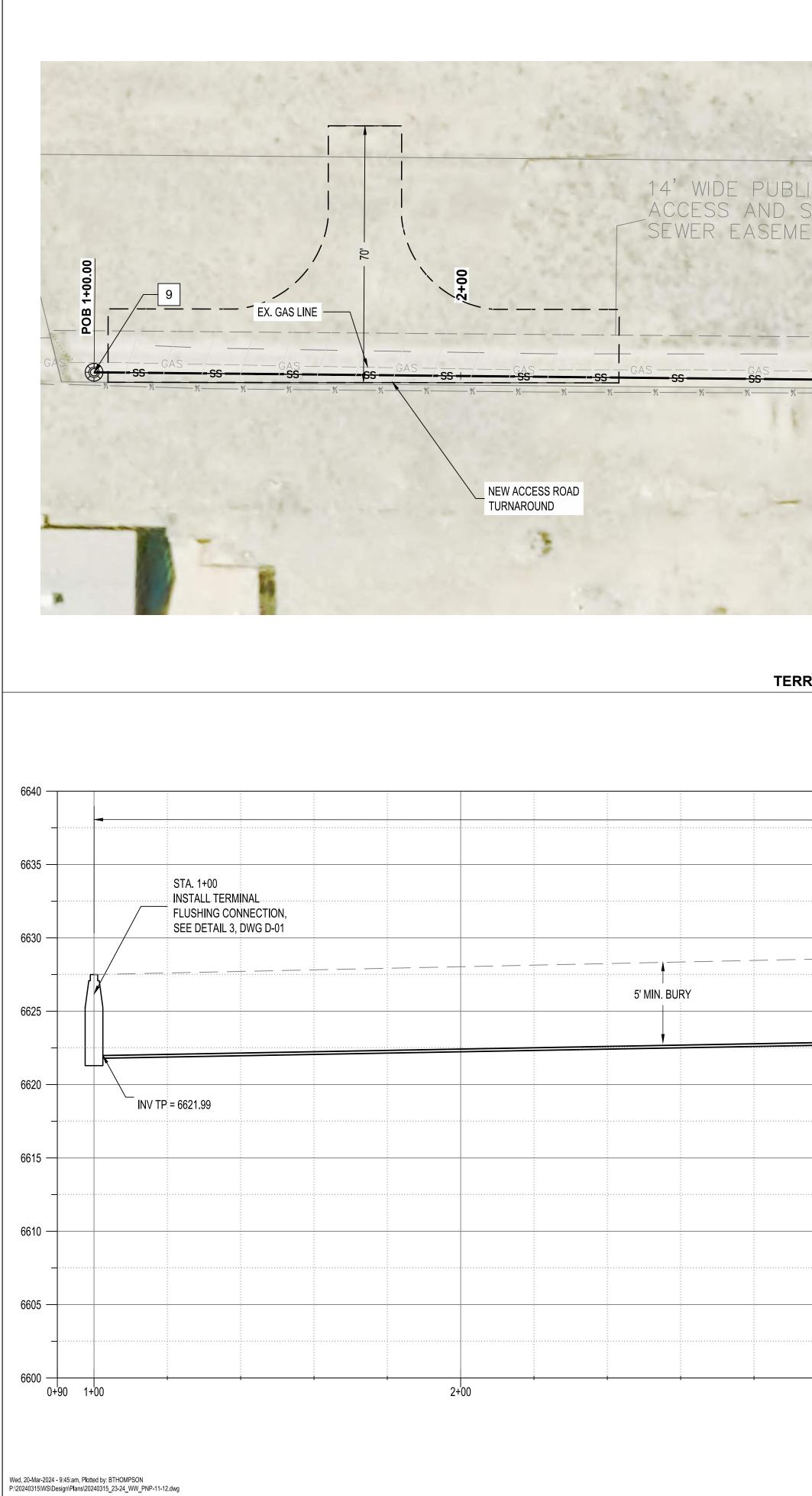
	STA. 1+00 TO STA. 15+66.49							 		
	INSTALL 2" HDPE									
			EXIST	ING IND						
		, ,	/					 		
-  -		/						 		
		5' MIN. BURY						 		
4%								 		
2+1	00		13-	+00	+	+		 14+00		14+50
									T PROVISIO	
							AFTER SU PAYMENT	OF AN UND	ISPUTED RE	EQUEST

0 20 1"=20'	<ol> <li>GENERAL NOTES:         <ol> <li>SEWER LINE CONNECTIONS SHALL BE COORDINATED WITH THE CITY OF SANTA FE PUBLIC WORKS DEPARTMENT.</li> <li>CONSTRUCT MANHOLES PER CITY OF SANTA FE STANDARD DRAWINGS.</li> <li>LOW PRESSURE STUB-OUTS LOCATION SHALL BE DETERMINED IN FIELD BY THE CITY OF SANTA FE. EXTEND TO EDGE OF ROAD.</li> <li>CONTRACTOR SHALL VERIFY ELEVATION AND LOCATION OF EXISTING 8" STUB.</li> <li>RESTORE ROADWAY PER DETAIL 2, DWG D-01.</li> <li>EXISTING WATER SERVICES SHALL BE REPLACED TO METER CAN. RELOCATE NEW METER IN OLD CAN.</li> <li>ALL MANHOLE COLLARS AND COVERS SHALL BE PLACED 6" BELOW FINISHED GRADE WITH ADJACENT CARSONITE MARKER.</li> <li>CONTRACTOR SHALL COORDINATE TREE TRIMMING AND/OR</li> </ol> </li> </ol>							
MATCHLINE STA. 14+50	REMOVAL WITH SANTE FE COUNTY REPRESENTATIVE AND HOME OWNER.         LEGEND         NEW SANITARY SEWER LINE         w       NEW WATER LINE         w       EXISTING WATER LINE         SS       EXISTING SANITARY SEWER	ENGINEER'S SEAL	and Shirt	ALL MARY ON ALL		an singer we	-	Juntul
	SS       EXISTING SANITARY SEWER        PHON       EXISTING COMM LINE (SURVEYED)        C       EXISTING COMM LINE        C       EXISTING COMM LINE        C       EXISTING UNDERGROUND ELECTRIC        GAS       EXISTING GAS LINE	T INFORMATION	DATE	DATE	DATE	1	DATE	DATE
ING SCALE: 1" = 20'	PERMIT BOUNDARY # EXISTING FENCE KEYED NOTES 1 NEW 8" SANITARY SEWER LINE 2 NEW 2" LOW PRESSURE SEWER LINE	AS-BUIL	CONTRACTOR	WORK STAKED BY	INSPECTOR'S		VERIFICATION BY	DRAWINGS CORRECTED BY
TICAL SCALE: 1"=5' - 6615 - 6610	<ul> <li>3 INSTALL SANITARY SEWER SERVICE LINE</li> <li>4 CONNECT TO NEW SANITARY SEWER LINE</li> <li>5 INSTALL 1 - SANITARY SEWER MANHOLE PER CITY OF SANTA FE STANDARD DETAILS ON DWGS. NO. D-02 AND D-06</li> <li>6 REMOVE AND REPLACE EXISTING FENCE, MATCH EXISTING</li> <li>7 NOT USED.</li> <li>8 INSTALL LOW PRESSURE STUB OUT WITH VALVE, SEE DETAIL 2 DWG. NO. D-07</li> </ul>	BENCH MARKS						
- - 6605 - 6600	<ul> <li>9 INSTALL TERMINAL FLUSHING CONNECTION, SEE DETAIL 1, DWG. NO. D-07</li> <li>10 INSTALL NEW 8" C900 PVC WATER LINE, SEE DETAIL 01, DWG D-01.</li> <li>11 EXISTING WATER LINE TO BE REMOVED ONCE NEW WATER LINE IS CONNECTED TO SERVICE LINES.</li> <li>12 CONNECT LOW PRESSURE LINE TO EXISTING MANHOLE.</li> <li>13 INLINE FLUSHING STATION PER DETAIL 2, DWG D-06.</li> </ul>			BY			DATE 1/19/2024	DATE 1/19/2024 DATE 1/19/2024
- - 6595 - 6590 -	<ul> <li>GAS LINE TO BE RELOCATED IF NECESSARY TO INSTALL NEW SAS OR IN WATERLINE RELOCATION.</li> <li>TRAFFIC CONTROL NOTES</li> <li>1. CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS DURING NON-WORKING HOURS</li> <li>2. CONTRACTOR SHALL COVER ANY TRENCHES NIGHTLY.</li> </ul>			REMARKS	REVISIONS	DESIGN		
— 6585 - — 6580 - — 6575	Bohannan A Huston www.bhinc.com			NO. DATE			DESIGNED BY SLC	CHECKEU BT AWG DRAWN BY NEC
50 S CONTRACT N 45 DAYS T FOR	AGUA FRIA WASTEWATER IMPRO PAM Y EUTILIA LANE/PASEO MEI STA 10+00 TO 14+50 BHI PROJECT NO. 20240315	LS		_	OF		24	
				īV			<b>_</b> -7	



AFTER SUBMISSION OF AN UNDISPUTED REQUEST PAYMENT.

20 1"=20'	<ol> <li>GENERAL NOTES:         <ol> <li>SEWER LINE CONNECTIONS SHALL BE COORDINATED WITH THE CITY OF SANTA FE PUBLIC WORKS DEPARTMENT.</li> <li>CONSTRUCT MANHOLES PER CITY OF SANTA FE STANDARD DRAWINGS.</li> <li>LOW PRESSURE STUB-OUTS LOCATION SHALL BE DETERMINED IN FIELD BY THE CITY OF SANTA FE. EXTEND TO EDGE OF ROAD.</li> <li>CONTRACTOR SHALL VERIFY ELEVATION AND LOCATION OF EXISTING 8" STUB.</li> <li>RESTORE ROADWAY PER DETAIL 2, DWG D-01.</li> <li>EXISTING WATER SERVICES SHALL BE REPLACED TO METER CAN. RELOCATE NEW METER IN OLD CAN.</li> <li>ALL MANHOLE COLLARS AND COVERS SHALL BE PLACED 6" BELOW FINISHED GRADE WITH ADJACENT CARSONITE MARKER.</li> <li>CONTRACTOR SHALL COORDINATE TREE TRIMMING AND/OR</li> </ol> </li> </ol>								
18+81.49 EXISTING SASMH EXINV=6588.12 EXINV=6588.22 EXINV=6588.22	REMOVAL WITH SANTE FE COUNTY REPRESENTATIVE AND HOME OWNER.         LEGEND         NEW SANITARY SEWER LINE         W       NEW WATER LINE         W       EXISTING WATER LINE         SS       EXISTING SANITARY SEWER	ENGINEER'S SEAL		ALLEN MEX ON PLAN	$\left  \overset{\otimes}{A} \right ^{2} \left( 24195 \right)^{O} \left  \overset{\otimes}{B} \right $	and singer and	ON I	1 TI TI	markin
	— — — — PHON — EXISTING COMM LINE (SURVEYED)         — — — C — EXISTING COMM LINE         — — — UGEL — EXISTING UNDERGROUND ELECTRIC         — — — GAS — EXISTING GAS LINE	<b>FINFORMATION</b>	DATE	DATE		DATE	DATE		DATE
ICE ITH ING SCALE: 1" = 20'	PERMIT BOUNDARY # EXISTING FENCE KEYED NOTES 1 NEW 8" SANITARY SEWER LINE 2 NEW 2" LOW PRESSURE SEWER LINE	AS-BUILT	CONTRACTOR	WORK STAKED BY	INSPECTOR'S	ACCEPTANCE BY	FIELD VERIFICATION BY		
TICAL SCALE: 1"=5'	<ul> <li>3 INSTALL SANITARY SEWER SERVICE LINE</li> <li>4 CONNECT TO NEW SANITARY SEWER LINE</li> <li>5 INSTALL 1 - SANITARY SEWER MANHOLE PER CITY OF SANTA FE STANDARD DETAILS ON DWGS. NO. D-02 AND D-06</li> <li>6 REMOVE AND REPLACE EXISTING FENCE, MATCH EXISTING</li> <li>7 NOT USED.</li> <li>8 INSTALL LOW PRESSURE STUB OUT WITH VALVE, SEE DETAIL 2 DWG. NO. D-07</li> <li>9 INSTALL TERMINAL FLUSHING CONNECTION, SEE DETAIL 1, DWG. NO. D.07</li> </ul>	BENCH MARKS							
99LF 8" SAS	<ul> <li>DWG. NO. D-07</li> <li>INSTALL NEW 8" C900 PVC WATER LINE, SEE DETAIL 01, DWG D-01.</li> <li>EXISTING WATER LINE TO BE REMOVED ONCE NEW WATER LINE IS CONNECTED TO SERVICE LINES.</li> <li>CONNECT LOW PRESSURE LINE TO EXISTING MANHOLE.</li> <li>INLINE FLUSHING STATION PER DETAIL 2, DWG D-06.</li> </ul>			B			DATE 1/19/2024	DATE 1/19/2024	DATE 1/19/2024
6595	<ol> <li>GAS LINE TO BE RELOCATED IF NECESSARY TO INSTALL NEW SAS OR IN WATERLINE RELOCATION.</li> <li>TRAFFIC CONTROL NOTES</li> <li>1. CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS DURING NON-WORKING HOURS</li> <li>2. CONTRACTOR SHALL COVER ANY TRENCHES NIGHTLY.</li> </ol>			REMARKS	REVISIONS	DESIGN			
INV 8" (IN, SE) = $6588.22$ INV 8" (IN, E) = $6588.22$ INV 8" (OUT, W) = $6588.12$ 0859 0899 089	<b>Bohannan </b> A Huston			DATE			BY SLC	BY AMS	NEC NEC
6575 19+00 6575 <b>CONTRACT</b> N 45 DAYS	AGUA FRIA WASTEWATER IMPRO PAM Y EUTILIA LANE/PASEO MEI STA 14+50 TO 18+81.49	LS		_			DESIGNED BY	CHECKEDE	DRAWN BY
T FOR	BHI PROJECT NO. DWG NO. WW-06	ô	SHEET	11	OF		24		



CANITARY NT De 2 55 55 55 55 55 55 55 55 55 55 55 55 55	<u>GAS</u> <u>SS</u> <u>N</u> <u>S</u>	CAS 55 7 55 7 55 7 55 7 55 7 55 7 55 7 55	<ul> <li>DETERMINED IN FIELD BY THE CITY OF SANTA FE. EXTEND TO EDGE OF ROAD.</li> <li>4. CONTRACTOR SHALL VERIFY ELEVATION AND LOCATION OF EXISTING 8" STUB.</li> <li>5. RESTORE ROADWAY PER DETAIL 2, DWG D-01.</li> <li>6. EXISTING WATER SERVICES SHALL BE REPLACED TO METER CAN. RELOCATE NEW METER IN OLD CAN.</li> <li>7. ALL MANHOLE COLLARS AND COVERS SHALL BE PLACED 6" BELOW FINISHED GRADE WITH ADJACENT CARSONITE MARKER.</li> <li>8. CONTRACTOR SHALL COORDINATE TREE TRIMMING AND/OR REMOVAL WITH SANTE FE COUNTY REPRESENTATIVE AND HOME OWNER.</li> </ul>	ENGINEER'S SEAL
		INSTALL NEW 8" PVC WATERLINE	PHON       EXISTING COMM LINE (SURVEYED)        C       EXISTING COMM LINE	AS-BUILT INFORMATION TRACTOR DATE KED BY DATE ECTORS EPTANCE BY DATE D MINGS RECTED BY DATE MINGS RECTED BY DATE
RAZAS LANE STA. 1+00 TO STA. 5+60		PLAN DRAWING SCALE: 1" = 20'         HORIZONTAL SCALE: 1" = 20'         VERTICAL SCALE: 1"=5'         6640         6635	<ul> <li>2 NEW 2" LOW PRESSURE SEWER LINE</li> <li>3 INSTALL SANITARY SEWER SERVICE LINE</li> <li>4 CONNECT TO NEW SANITARY SEWER LINE</li> <li>5 INSTALL 1 - SANITARY SEWER MANHOLE PER CITY OF SANTA FE STANDARD DETAILS ON DWGS. NO. D-02 AND D-06</li> <li>6 REMOVE AND REPLACE EXISTING FENCE, MATCH EXISTING</li> <li>7 NOT USED.</li> <li>8 INSTALL LOW PRESSURE STUB OUT WITH VALVE, SEE DETAIL 2 DWG. NO. D-07</li> <li>9 INSTALL TERMINAL FLUSHING CONNECTION, SEE DETAIL 1, DWG. NO. D-07</li> </ul>	BENCH MARKS CONTRA BENCH MARKS CONTRA CONTRA CONTRA CONTRA CORREC CONTRA CORREC
EXISTING GROUND 		STA. 5+57.32 6.7' LT6630 TIE INTO EXISTNG 8" WL 6625	<ul> <li>INSTALL NEW 8" C900 PVC WATER LINE, SEE DETAIL 01, DWG D-01.</li> <li>EXISTING WATER LINE TO BE REMOVED ONCE NEW WATER LINE IS CONNECTED TO SERVICE LINES.</li> <li>CONNECT LOW PRESSURE LINE TO EXISTING MANHOLE.</li> <li>INLINE FLUSHING STATION PER DETAIL 2, DWG D-06.</li> <li>GAS LINE TO BE RELOCATED IF NECESSARY TO INSTALL NEW SAS OR IN WATERLINE RELOCATION.</li> </ul>	ВY ВY DATE 1/19/2024 DATE 1/19/2024 DATE 1/19/2024
Image: Second		6620	<ul> <li>TRAFFIC CONTROL NOTES</li> <li>1. CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS DURING NON-WORKING HOURS</li> <li>2. CONTRACTOR SHALL COVER ANY TRENCHES NIGHTLY.</li> </ul>	REMARKS REVISIONS DESIGN
3+00 4+00	5+0	6605	Bohannan & Huston www.bhinc.com BOULT	NO. DATE NO.
	ALLOWS THE OWNERS TO	MENT PROVISION: THIS CONTRACT MAKE PAYMENT WITHIN 45 DAYS UNDISPUTED REQUEST FOR	TERRAZAS LANE           STA 1+00 TO 5+60           BHI PROJECT NO.           20240315           DWG NO.           WW-07	SHEET OF

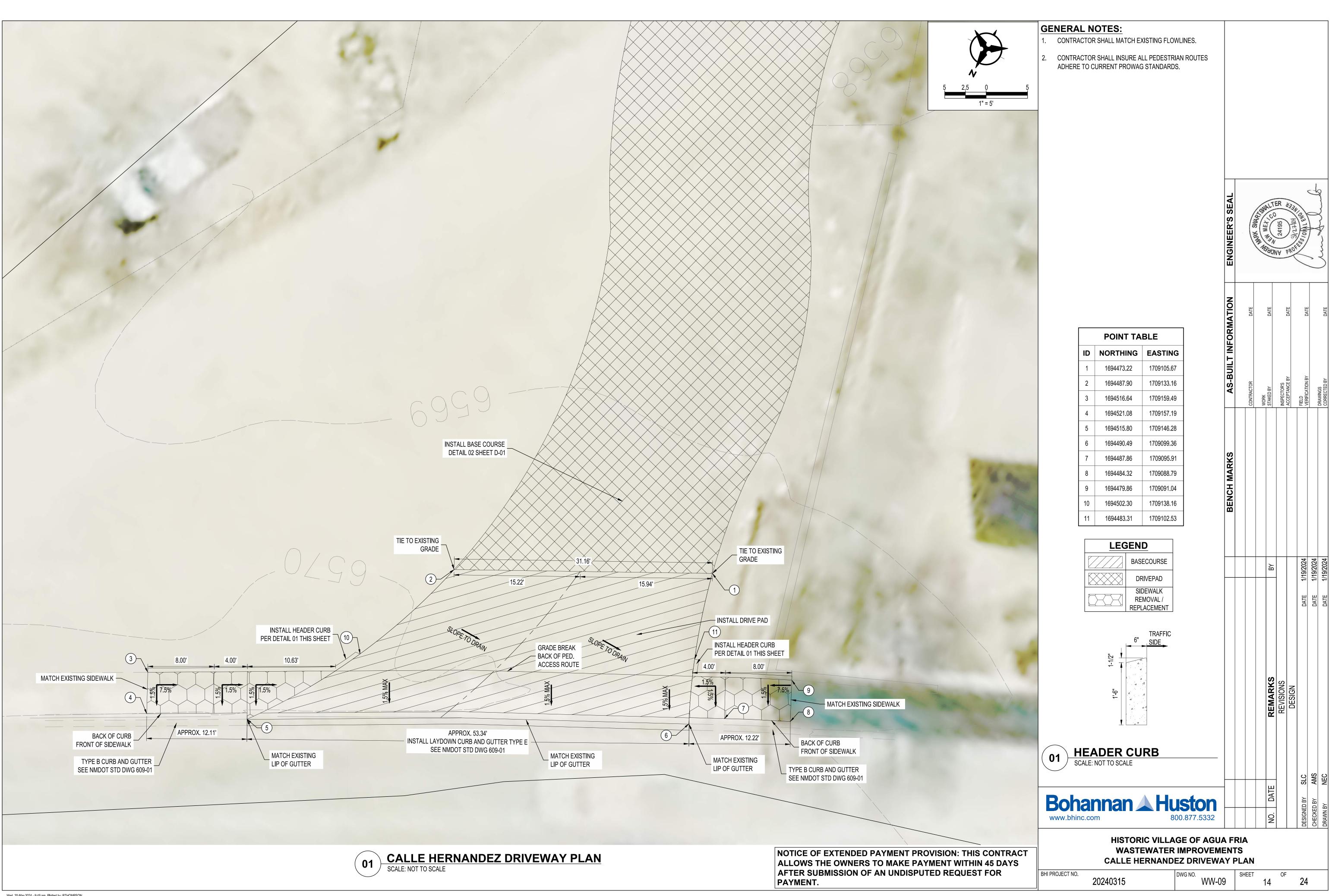
	STA. 1+00 TO STA. 7+46						
	INSTALL 2" HDPE	 					
	GROUND						STA. 5+57.32
		 			·		<u>6.7' LT</u> TIE INTO
-							EXISTNG 8" WL
			S=-0.45%				
3+00	)	4+00		+	+ +	5+00	+ +
				ΝΟΤΙΟ			PROVISION: THIS
							E PAYMENT WITHIN



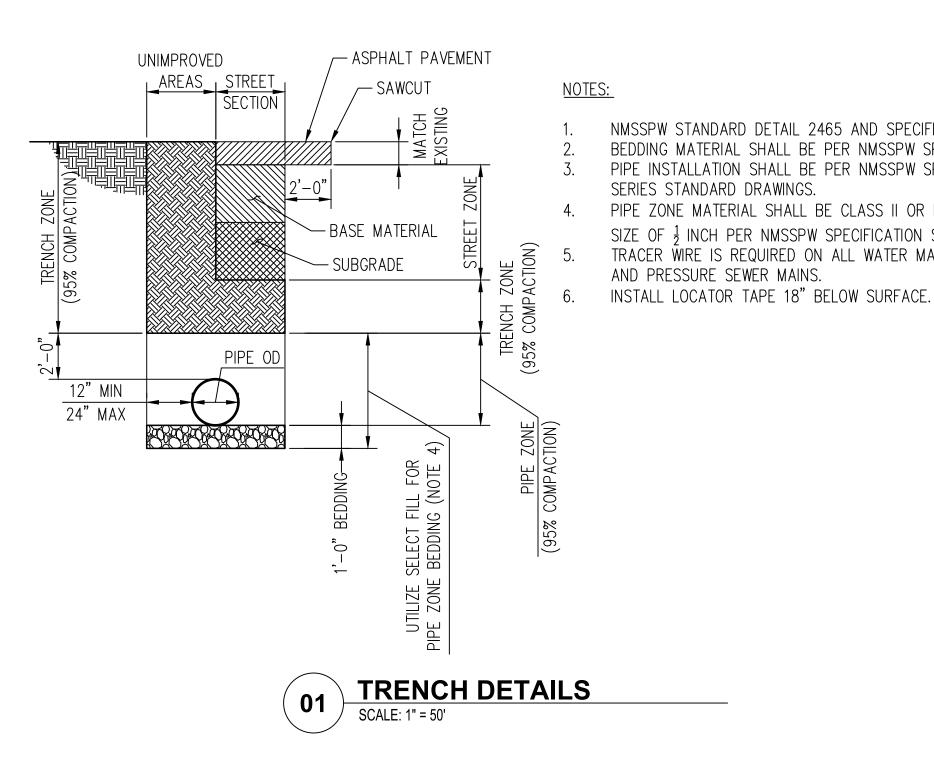
					:				:		
5+57.32 TO STA. 10+00.12 STALL 8" PVC C900 - WL											
RESTRAIN ALL JOINTS											
		EXISTING									
		GROUND			NEW						
					WATERLINE						
	/						{				
		8" PVC	C900 - WL	ļļ							
		INSTALL 18	4.48LF 8" SAS							A	STA. 10+0 7.5' LT
			+.40LI 0 SAS								TIE INTO
		S=0	0.68%								EXISTNG
									INSTALL 97	18LF 8" SAS	
									S=6.8	35%	
							- <b>- -</b>	52			
							N N	5623.32 = 6623.22			
							TYPE	57 () = (66 N) = (66			
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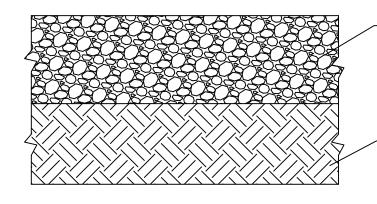
PAYMENT.

	GENERAL NOTES: 1. SEWER LINE CONNECTIONS SHALL BE COORDINATED WITH THE CITY OF SANTA FE PUBLIC WORKS DEPARTMENT.									
	2. CONSTRUCT MANHOLES PER CITY OF SANTA FE STANDARD DRAWINGS.									
0 20	3. LOW PRESSURE STUB-OUTS LOCATION SHALL BE DETERMINED IN FIELD BY THE CITY OF SANTA FE. EXTEND T	0								
1"=20'	<ul> <li>EDGE OF ROAD.</li> <li>4. CONTRACTOR SHALL VERIFY ELEVATION AND LOCATION OF</li> </ul>									
No.	<ul> <li>EXISTING 8" STUB.</li> <li>RESTORE ROADWAY PER DETAIL 2, DWG D-01.</li> <li>EXISTING WATER SERVICES SHALL BE REPLACED TO METER CAN. RELOCATE NEW METER IN OLD CAN.</li> <li>ALL MANHOLE COLLARS AND COVERS SHALL BE PLACED 6" BELOW FINISHED GRADE WITH ADJACENT CARSONITE</li> </ul>	8								
FLOW	<ul> <li>MARKER.</li> <li>8. CONTRACTOR SHALL COORDINATE TREE TRIMMING AND/OF REMOVAL WITH SANTE FE COUNTY REPRESENTATIVE AND HOME OWNER.</li> </ul>							<	J	}
-35.51	LEGEND	SEAL		( SWARTON	ALTI	R	NEE		$\sim$	}
	NEW SANITARY SEWER LINE			NE NAR	MET 0	24195)	1I	NT ENG	H	
		ENGINEER'S		NIN IN	NEW		ROF	1385	, ,	3
	EXISTING WATER LINE	ENG				IA A	~		<u> </u>	3
G SASMH		Z								
√=6616.15 √=6616.04		INFORMATION	L L L	DAIE	DATE		DAIE	DATE		DATE
		ORM								
\ 	EXISTING FENCE									
ON SERVICE		AS-BUILT		10104	BY	INSPECTOR'S	AINUE DI	FIELD VERIFICATION BY	v U	CORRECTED BY
				WORK	STAKED BY		AUUEL			CORRE
	2 NEW 2" LOW PRESSURE SEWER LINE 3 INSTALL SANITARY SEWER SERVICE LINE									
/ING SCALE: 1" = 20' RTICAL SCALE: 1"=5'	4 CONNECT TO NEW SANITARY SEWER LINE									
	INSTALL 1 - SANITARY SEWER MANHOLE PER CITY OF	KS								
	SANTA FE STANDARD DETAILS ON DWGS. NO. D-02 AND D-0 6 REMOVE AND REPLACE EXISTING FENCE, MATCH EXISTING									
	7 NOT USED.	BENCH								
	INSTALL LOW PRESSURE STUB OUT WITH VALVE,	BEN								
	INSTALL TERMINAL FLUSHING CONNECTION, SEE DETAIL 1,									
663	DWG. NO. D-07									
	DWG D-01.				ΒY			024	024	024
6630	EXISTING WATER LINE TO BE REMOVED ONCE NEW WATER LINE IS CONNECTED TO SERVICE LINES.							1/19/2024	1/19/2024	1/19/2024
	12 CONNECT LOW PRESSURE LINE TO EXISTING MANHOLE.							DATE	DATE	DATE
00.12 6625	13 INLINE FLUSHING STATION PER DETAIL 2, DWG D-06.							Ō	ā	Q
8" WL	GAS LINE TO BE RELOCATED IF NECESSARY TO INSTALL NEW SAS OR IN WATERLINE RELOCATION.									
—	TRAFFIC CONTROL NOTES									
6620	1. CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS DURING NON-WORKING HOURS									
	2. CONTRACTOR SHALL COVER ANY TRENCHES NIGHTLY.				SKS	SNC	Ň			
6615	CULTURAL RESOURCE NOTES				REMARKS	REVISIONS	DESIGN			
	1. STA 8+85.51 TO STA 10+35.51 WILL REQUIRE THE ARCHEOLOGICAL CONSULTANT TO SUBMIT A				R	œ				
6616.30 6616.30 9199 6616.04	MONITORING PLAN TO SHPO FOR REVIEW.									
SASMHS(6) STA 10+35.51 RIM = 6631.23 INV 8" (IN, S) INV 8" (OUT, V 0000								SLC	AMS	NEC
					DATE					Z
	Bohannan Huston www.bhinc.com 800.877.5332							DESIGNED BY	CHECKED BY	DRAWN BY
10+40					9			DES	SHE	DRA
SCONTRACT	AGUA FRIA WASTEWATER IMPR TERRAZAS LANE	ROV	EME	NTS	5					
IN 45 DAYS	STA 5+60 TO 10+35.5	1								
ST FOR	BHI PROJECT NO. DWG NO. WW-	38	SHEE		13	OF		24		



Wed, 20-Mar-2024 - 9:45:am, Plotted by: BTHOMPSON P:\20240315\WS\Design\Plans\20240315\_Calle Hernandez Driveway PnP.dwg





- GRAVEL BASE COURSE DEPTH VARIES, MATCH EXISTING, 2" MIN.

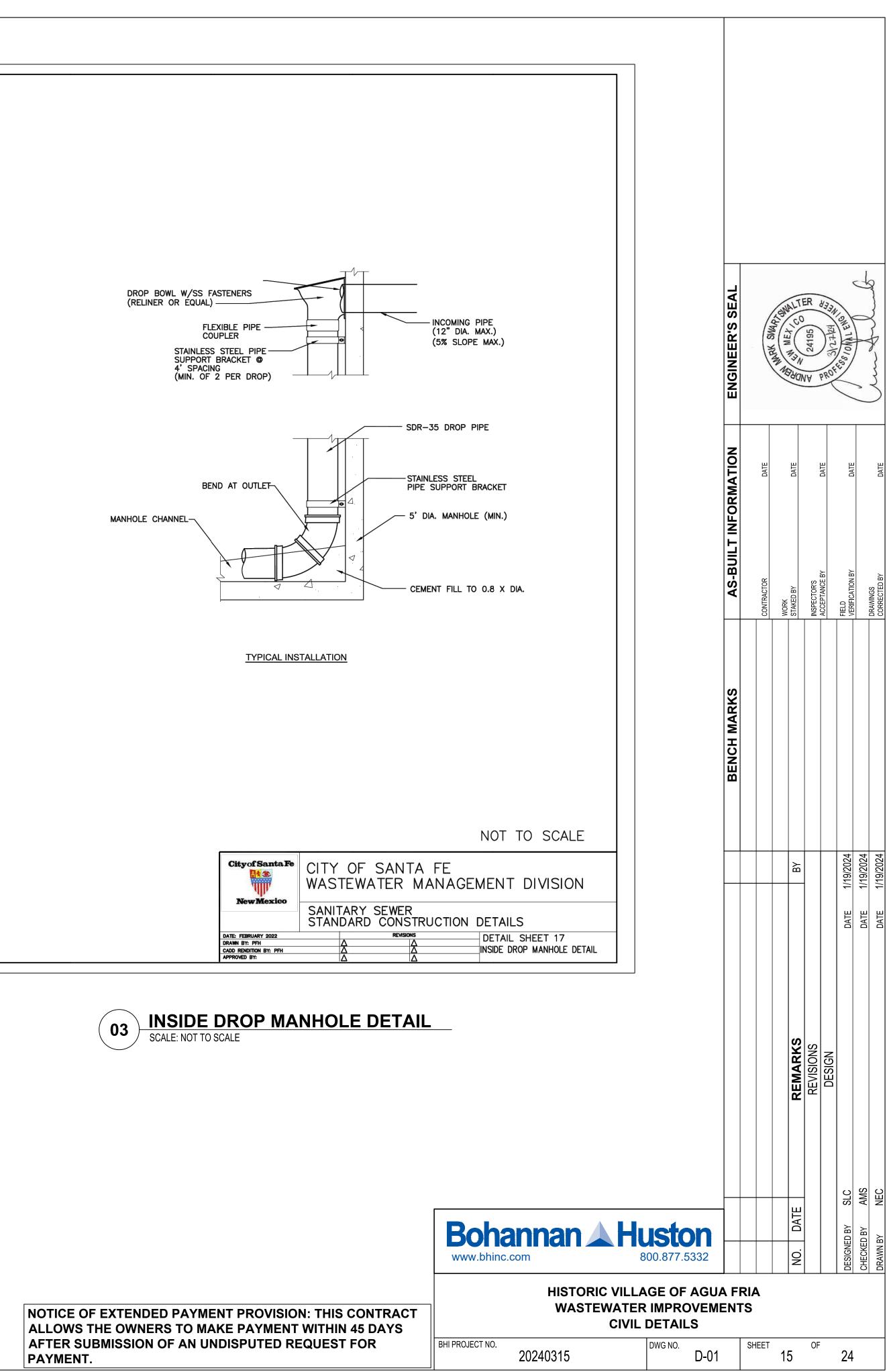
-12" SCARIFIED AND COMPACTED SUBGRADE 95% MIN.

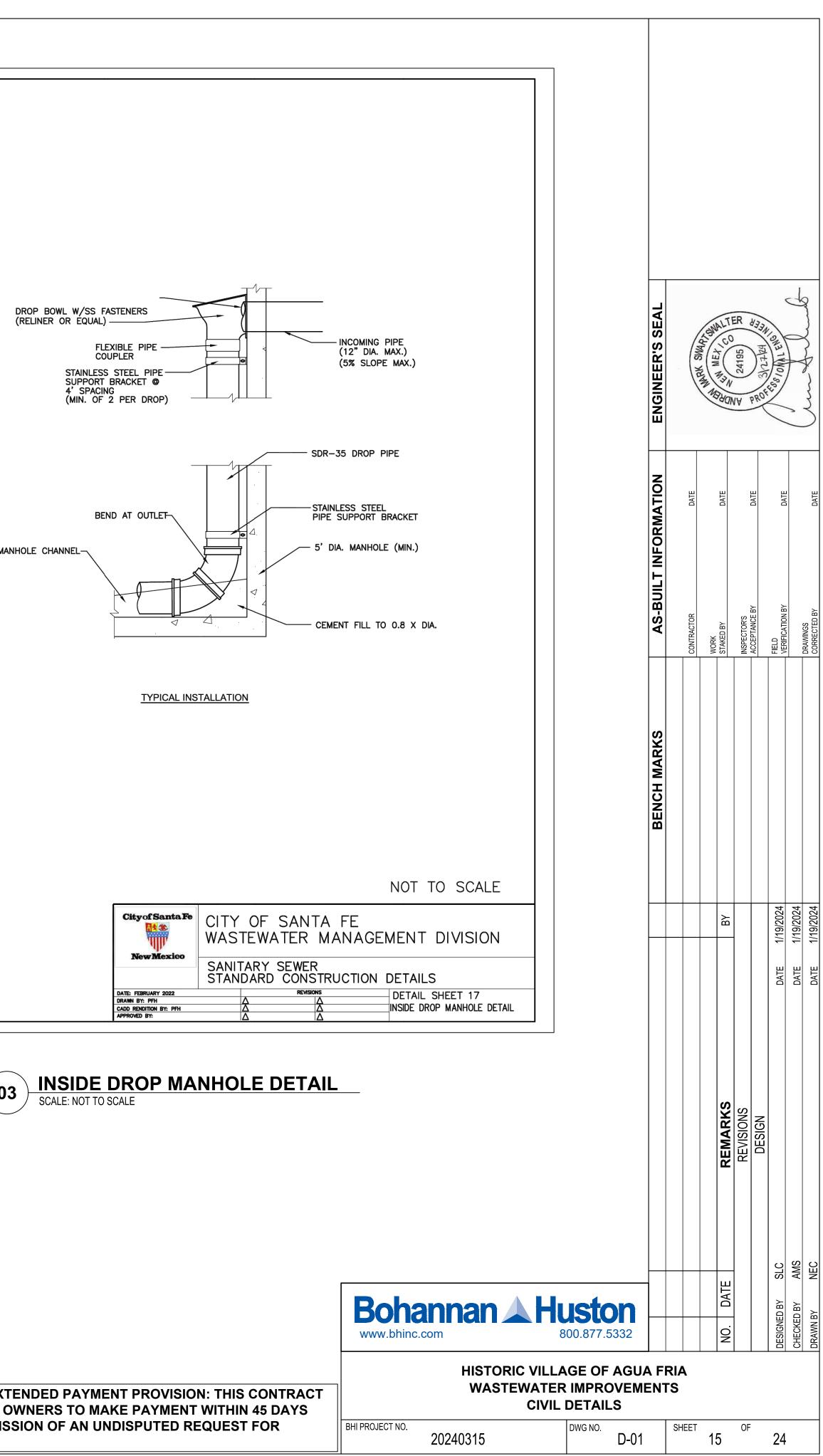


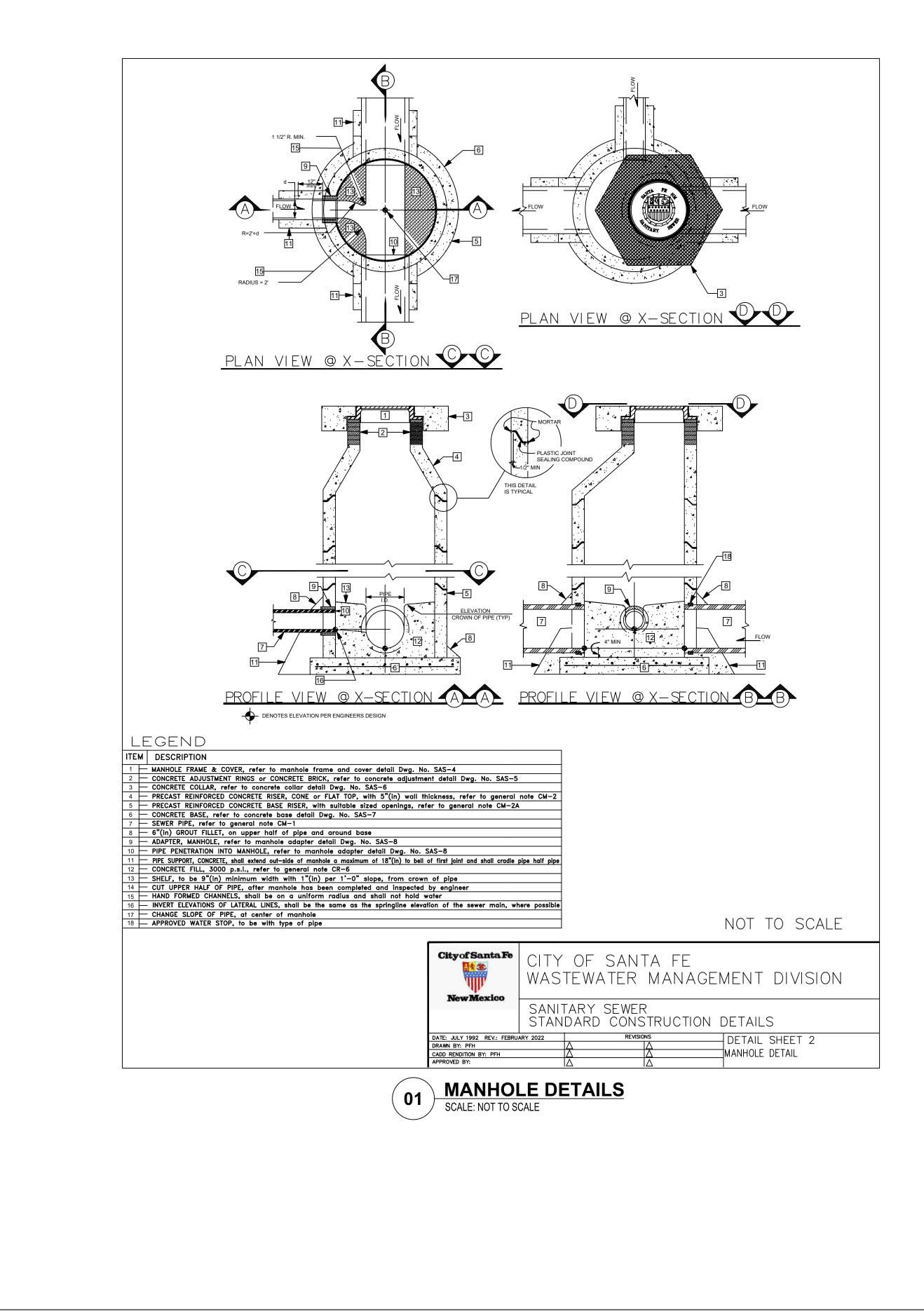
**TYPICAL PATCH FOR GRAVEL ROADWAY SECTION** SCALE: NOT TO SCALE

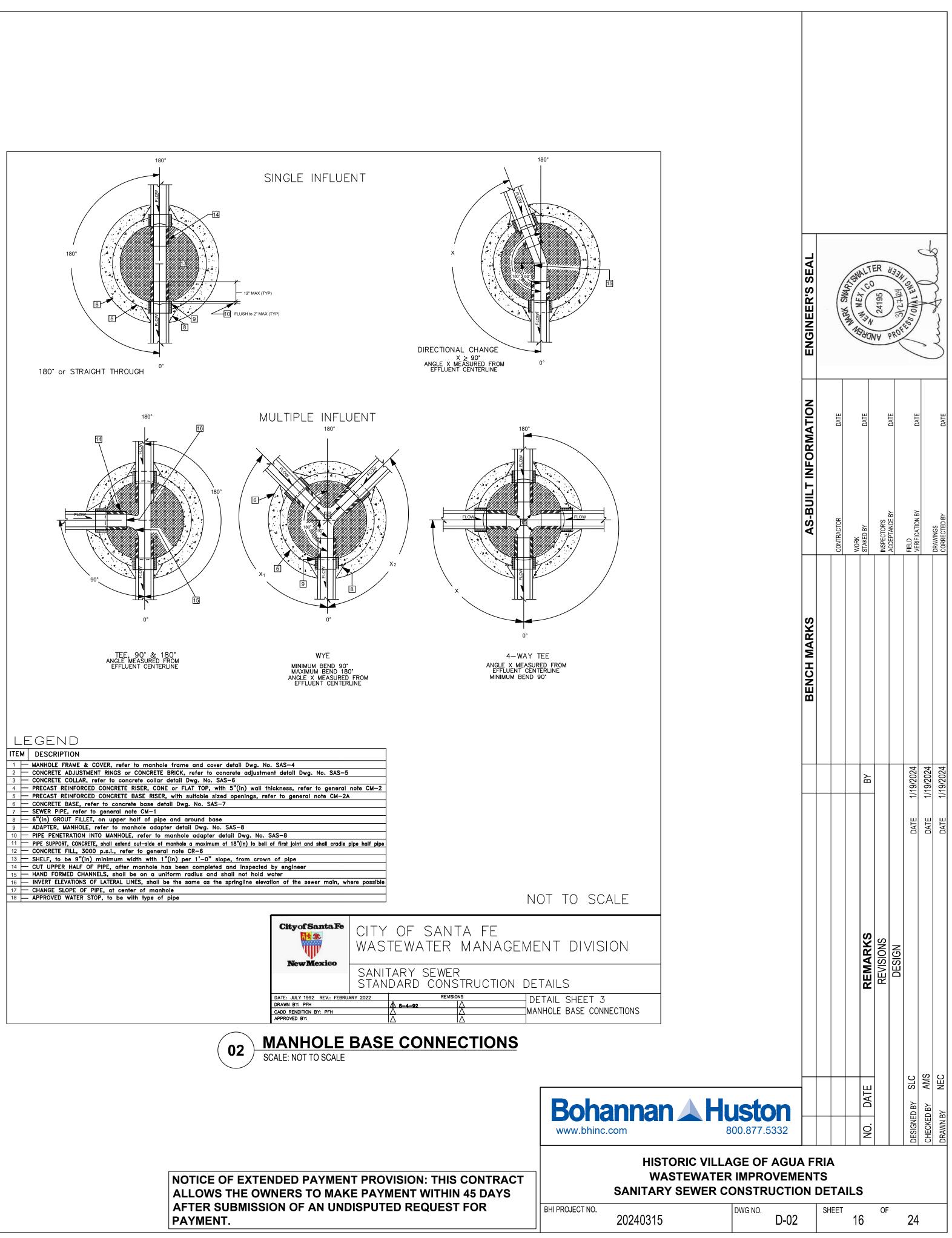
NMSSPW STANDARD DETAIL 2465 AND SPECIFICATION SECTION 701 APPLY. BEDDING MATERIAL SHALL BE PER NMSSPW SPECIFICATION 701. PIPE INSTALLATION SHALL BE PER NMSSPW SPECIFICATION 801 AND 2300

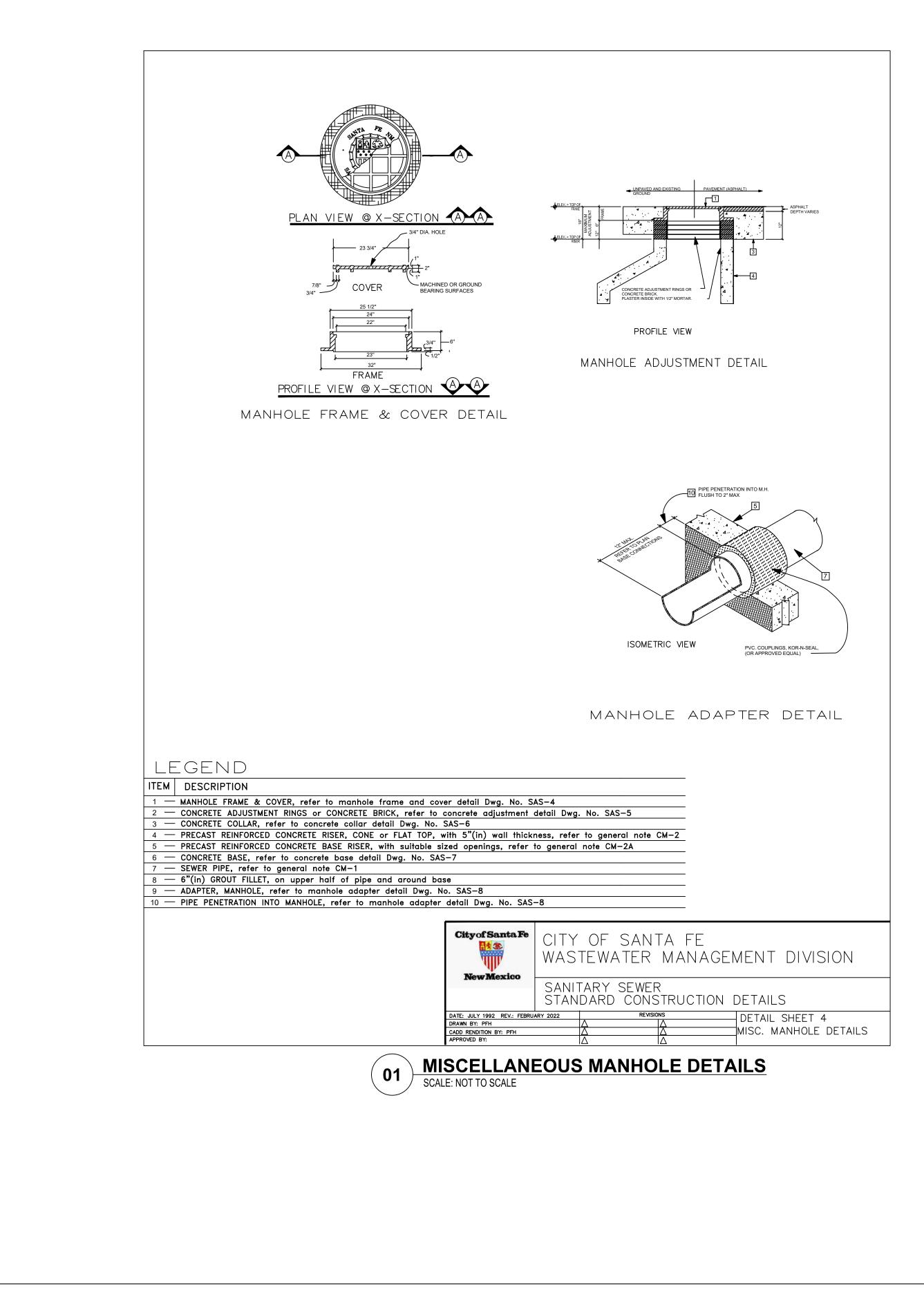
PIPE ZONE MATERIAL SHALL BE CLASS II OR III SOILS (MAX. PARTICLE SIZE OF  $\frac{1}{2}$  INCH PER NMSSPW SPECIFICATION SECTION 701). TRACER WIRE IS REQUIRED ON ALL WATER MAINS, WATER SERVICE LINES

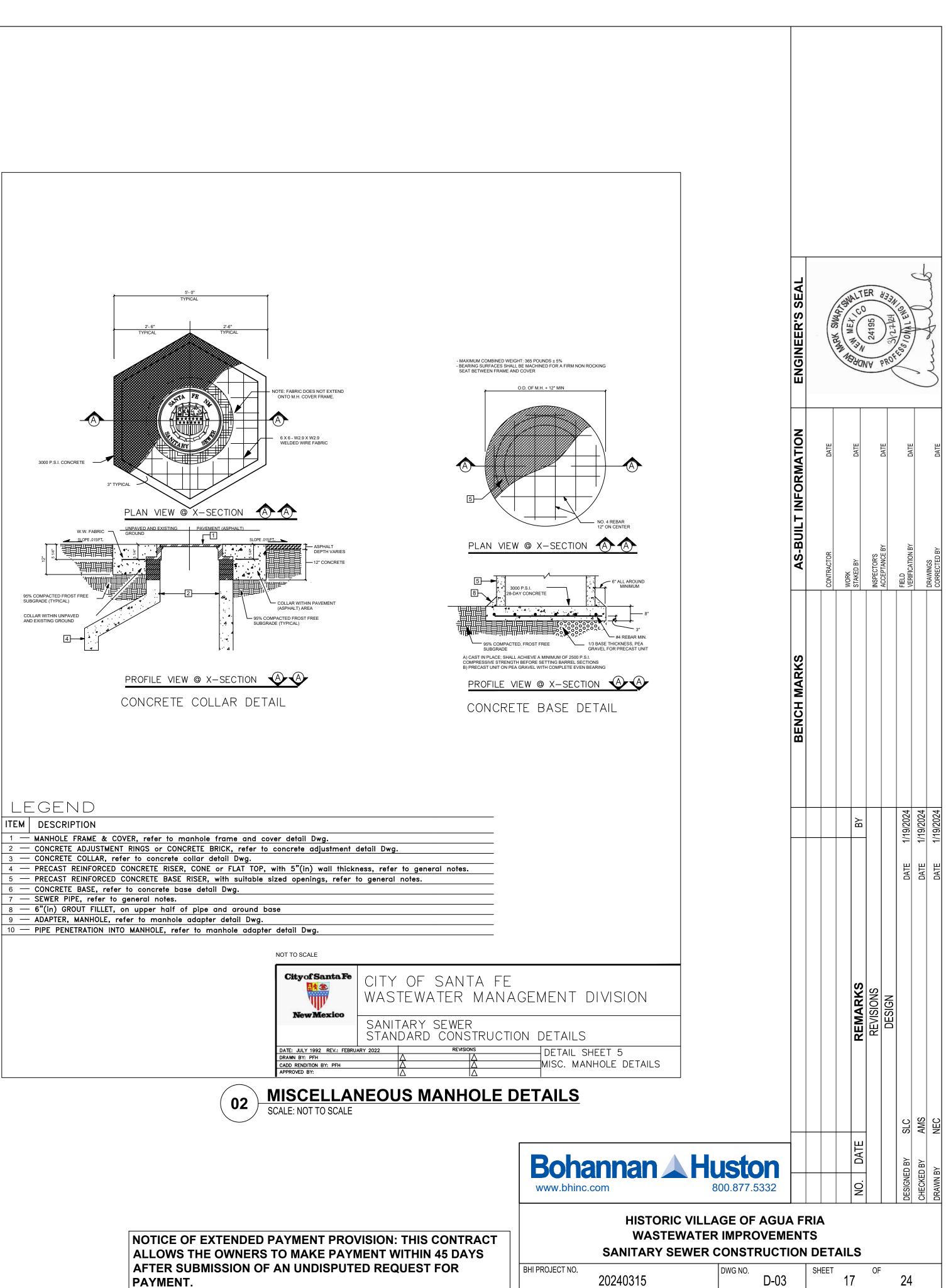


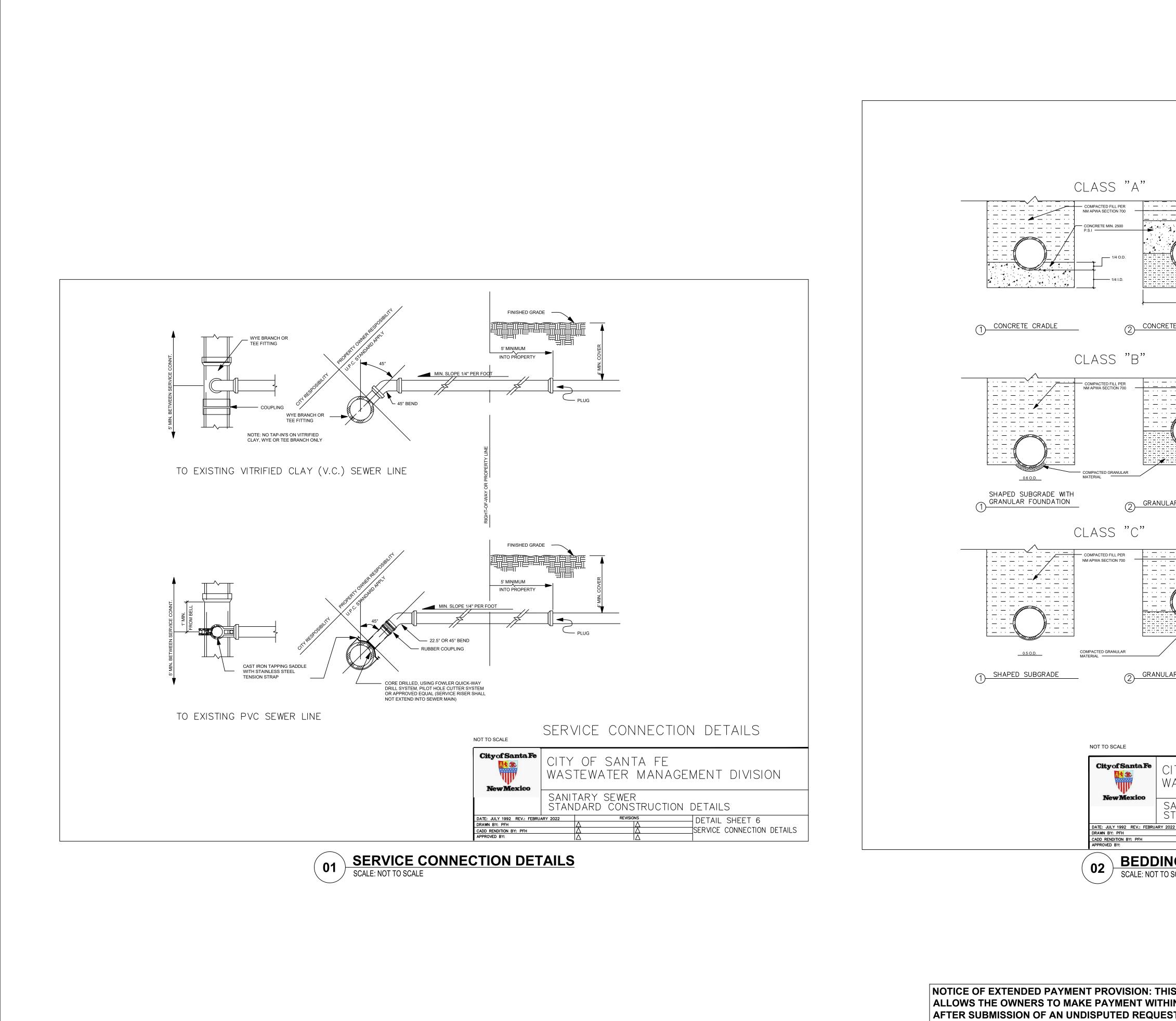








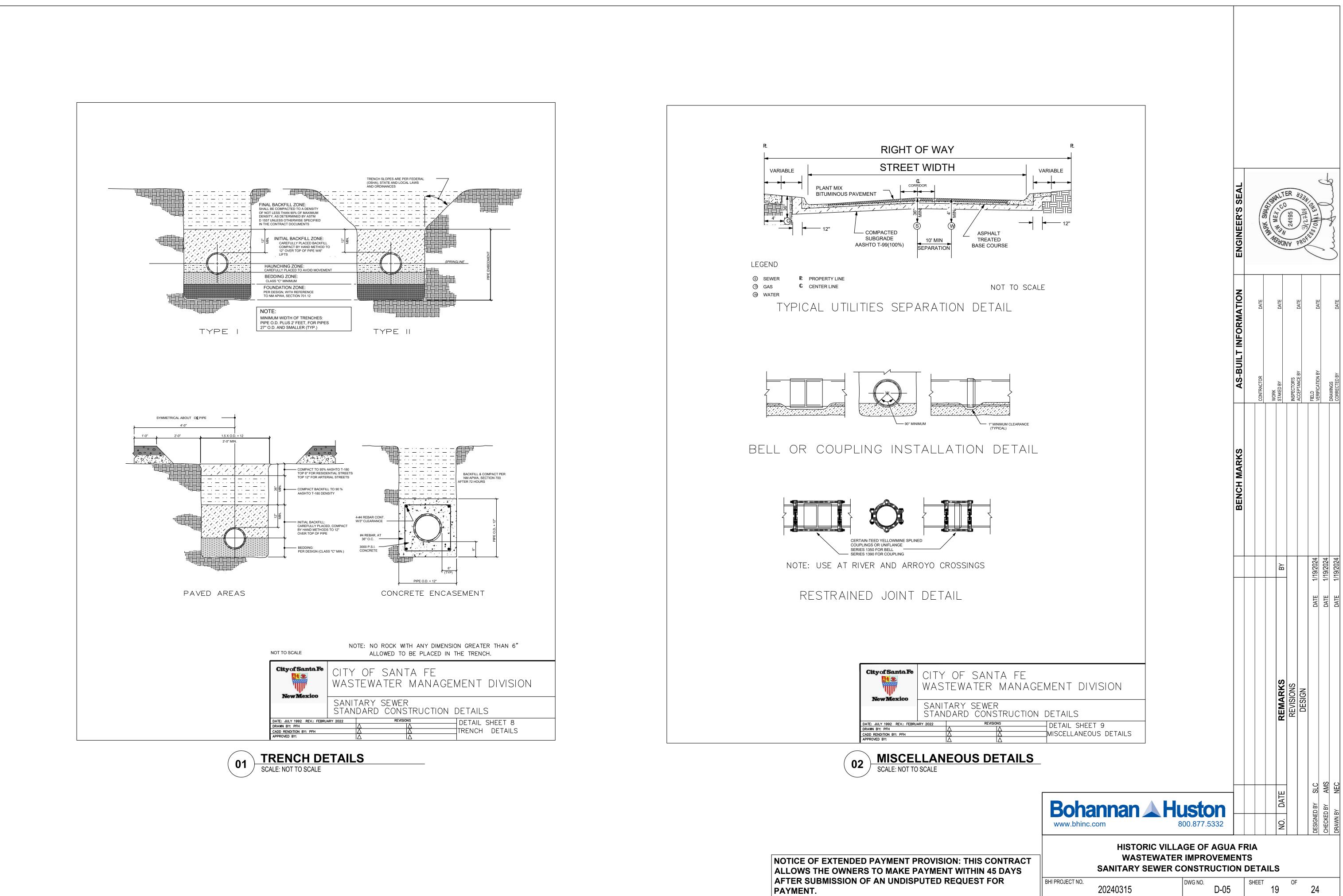




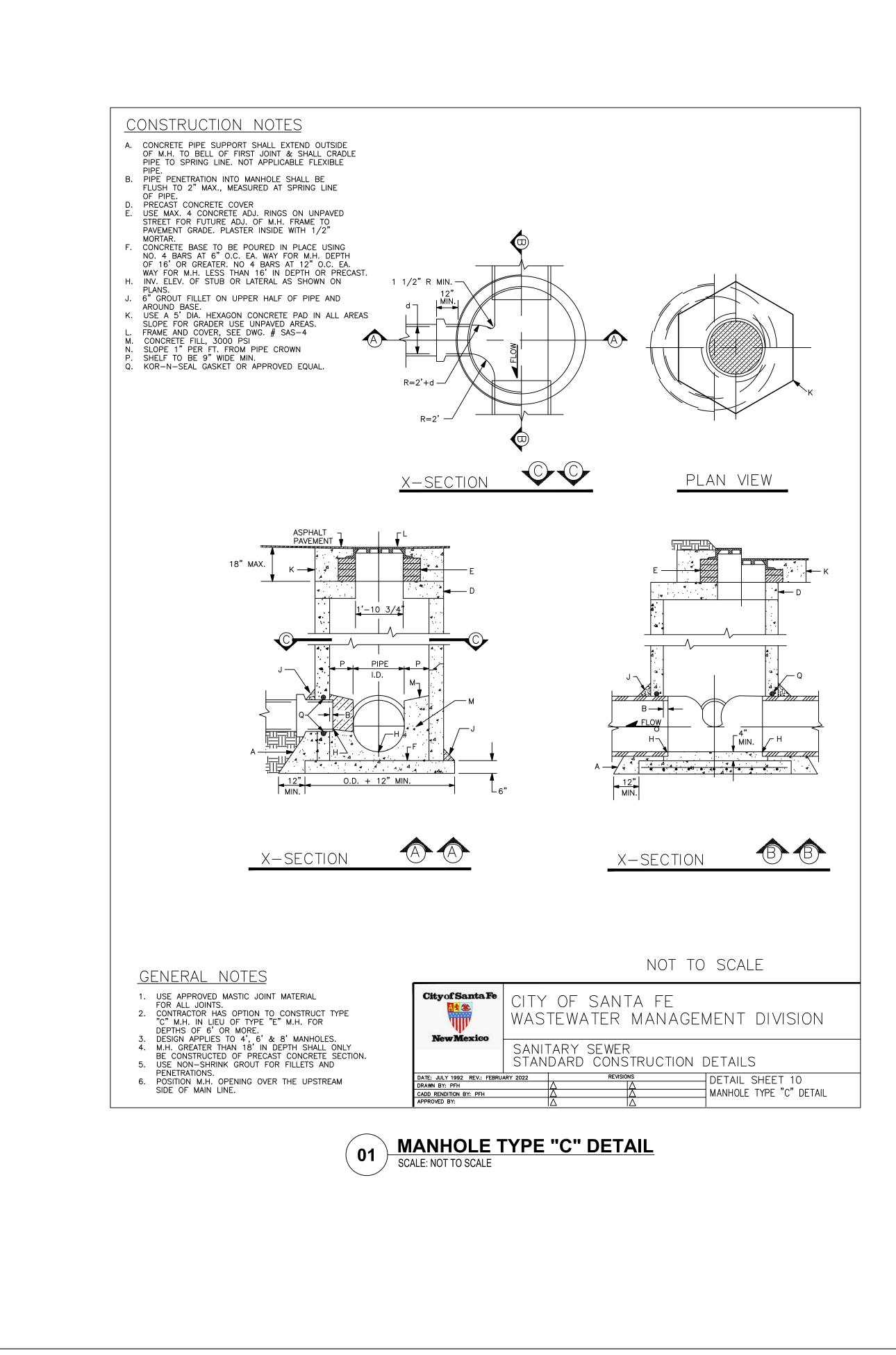
Wed, 20-Mar-2024 - 9:45:am, Plotted by: BTHOMPSON P:\20240315\WS\Design\Plans\20240315\_27\_Civil Details.dwg

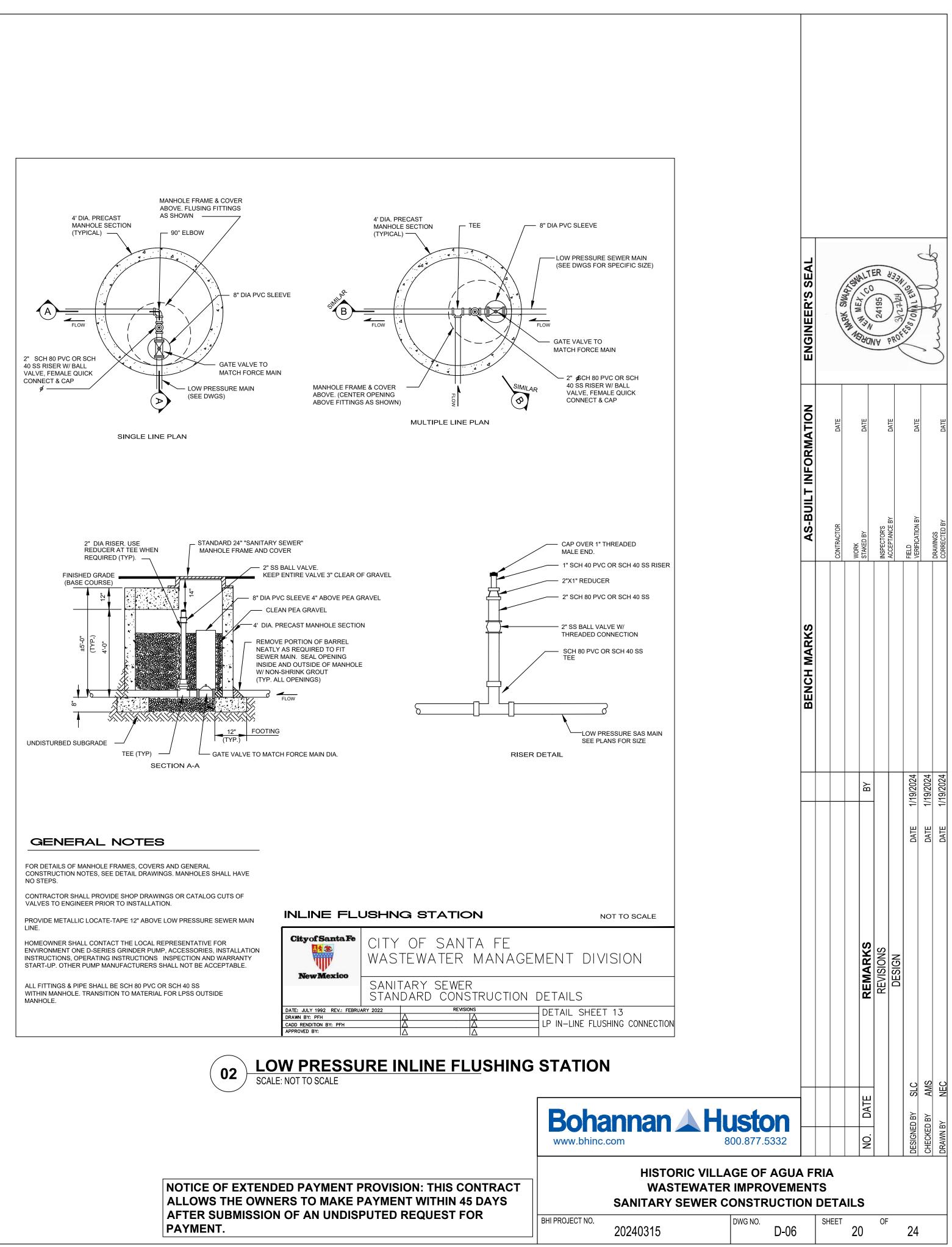
PAYMENT.

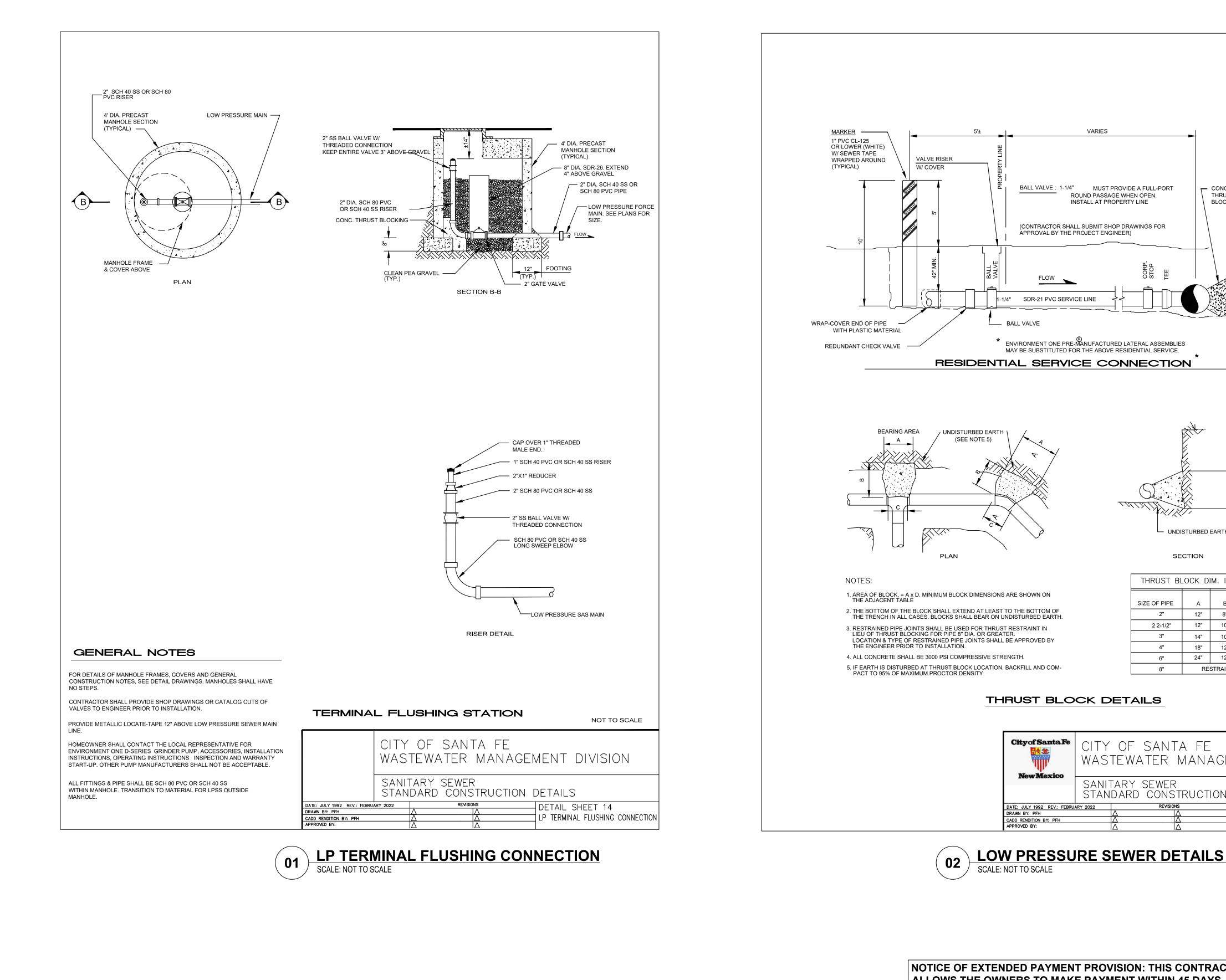
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	1/4 I.D.		'S SEAL	111	MET ME	R HI (S		$\sum_{i=1}^{n}$	
	SPRINGLINE OMPACTED GRANULAR ATERIAL		ENGINEER'S	S No.	N N N N	24195	131410/932	1	P
	1/4 I.D.		ENG		ADA	A by	Ć	) )	3
M P	IOTE: INIMUM WIDTH OF TRENCHES: IPE O.D. PLUS 2' FEET, FOR PIPES		_						
TE ARCH L2	7" O.D. AND SMALLER (TYP.)		ATION	DATE	DATE	DATE	DATF		DATE
			<b>INFORMATION</b>						
	SPRINGLINE		<b>AS-BUILT</b>	CONTRACTOR	WORK STAKED BY	INSPECTOR'S ACCEPTANCE BY	FIELD VERIFICATION BY		CORRECTED BY
	1/4 I. D. (4" MIN.)			CON	WOR STAK	ACCI			COR
AR FOUNDATION			<b>RKS</b>						
	_		<b>BENCH MARKS</b>						
			BEN						
	1/6 O.D.								
	6" (4" MIN.)				ΒY		1/19/2024	1/19/2024	1/19/2024
AR FOUNDATION									
							DATE	DATE	DATE
NOTE: NO BOCK W	ITH ANY DIMENSION GREATER THAN 6	, m							
ALLOWED TO	BE PLACED IN THE TRENCH.								
ITY OF SAN ASTEWATER	MANAGEMENT DIVIS	ION			RKS	SNO	5		
ANITARY SEWER TANDARD CONS 22 REVISI	STRUCTION DETAILS				REMARKS	REVISIONS	7		
	BEDDING DETAILS								
IG DETAILS SCALE	<u>-</u>								
							SLC	AMS	NEC
	<b>Bohannan</b>				D. DATE		DESIGNED BY	снескер ву	DRAWN BY
	www.bhinc.com	800.877.5332 C VILLAGE OF AGU	 4 FF		N		DESI	CHE	DRA
S CONTRACT IN 45 DAYS	WASTE	WATER IMPROVEMI	ENT	S	ILS				
ST FOR	вні реојест NO. 20240315	DWG NO. D-04		SHEET	18	OF	24		



Wed, 20-Mar-2024 - 9:46:am, Plotted by: BTHOMPSON P:\20240315\WS\Design\Plans\20240315\_27\_Civil Details.dwg

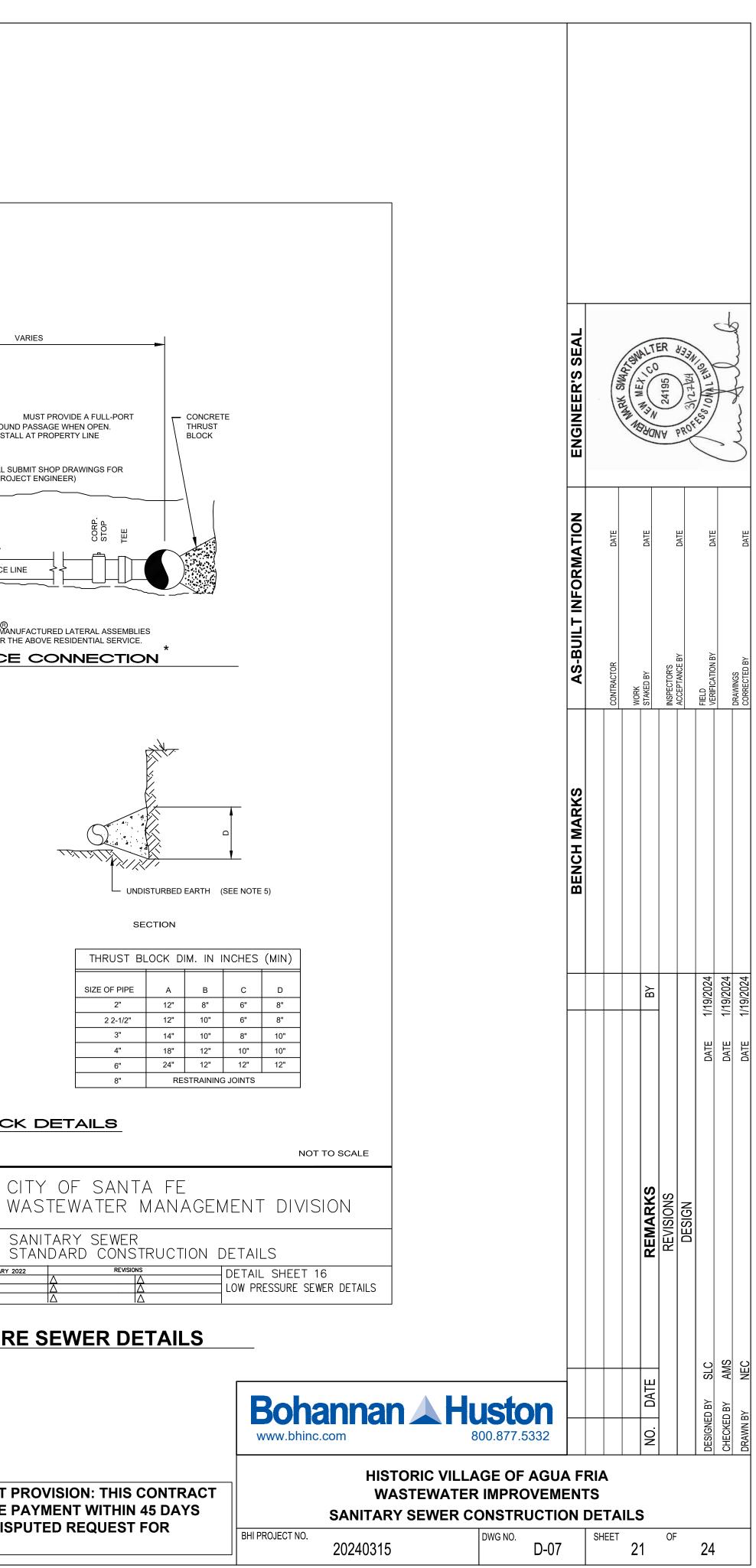


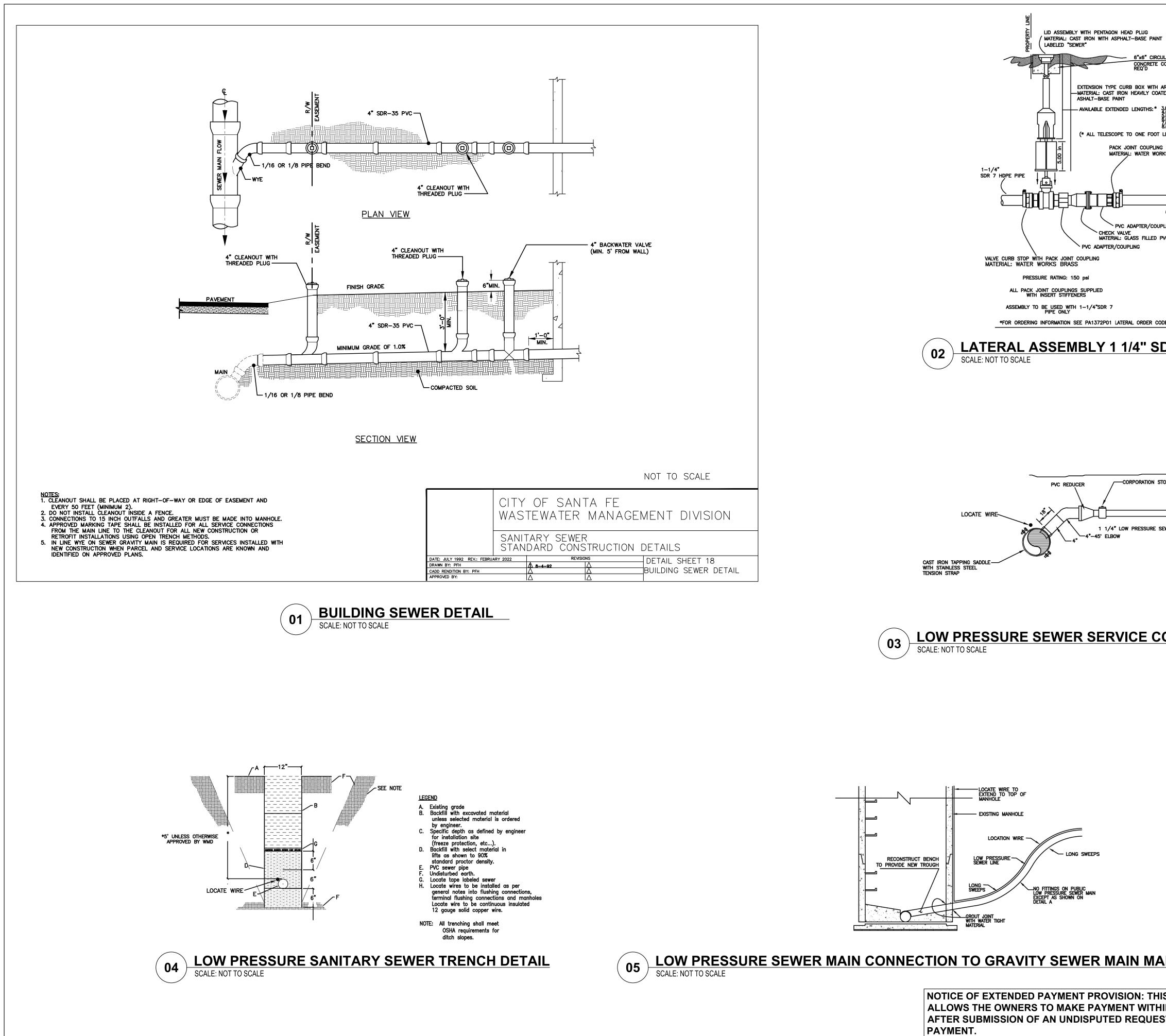




NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNERS TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

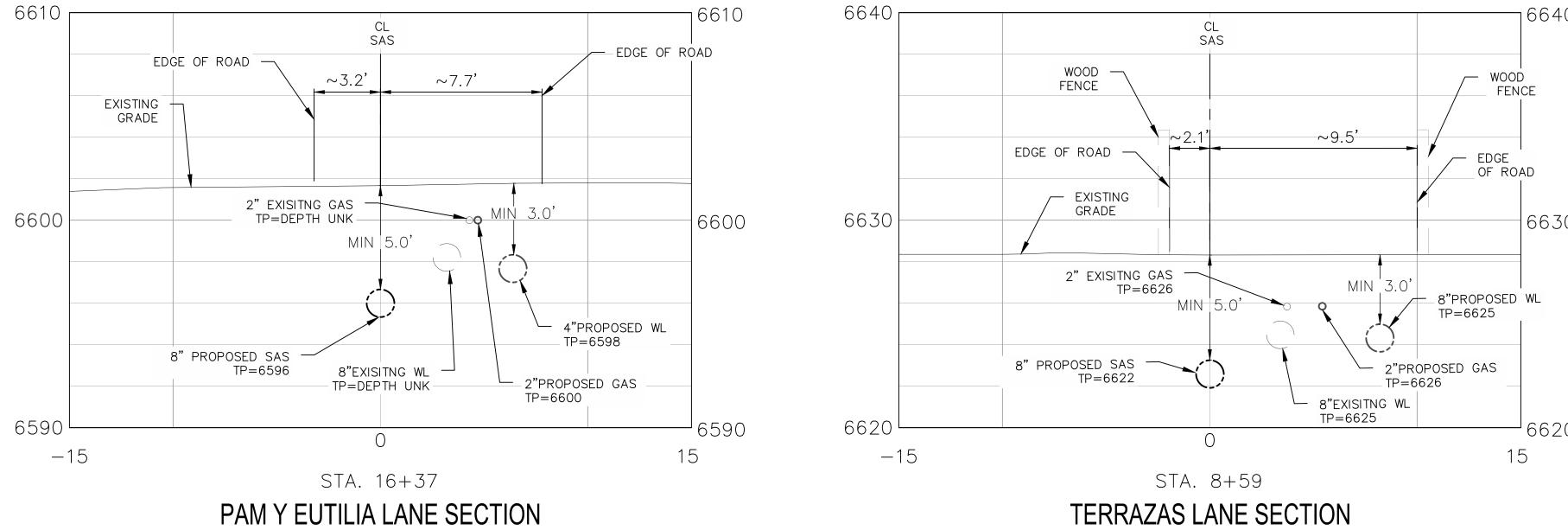
CORP. STOP

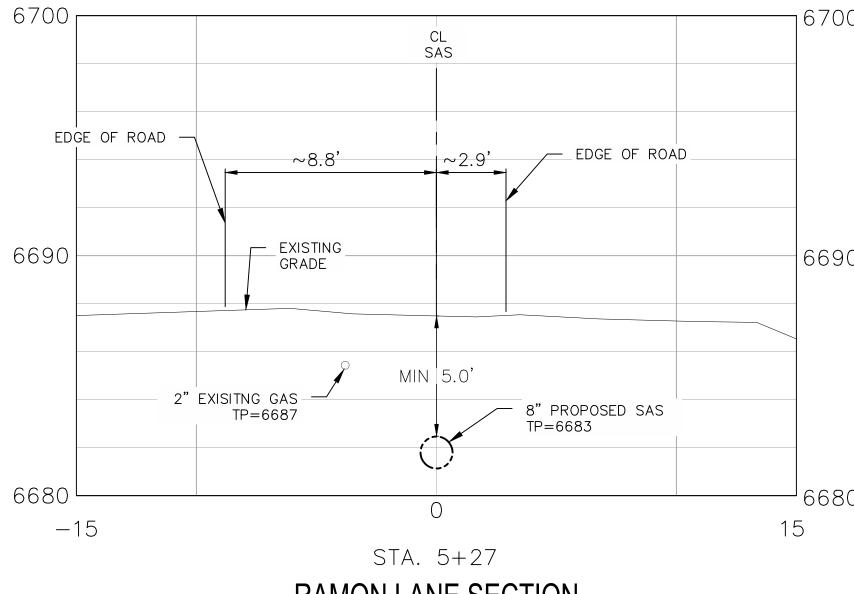




Wed, 20-Mar-2024 - 9:46:am, Plotted by: BTHOMPSON P:\20240315\WS\Design\Plans\20240315\_27\_Civil Details.dwg

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arch Pattern Base Ted With										
3.0 FL 5.0 FL 5.0 FL 6.0 FL 6.0 FL 7.5 FL 7.										
LESS THAN EXTENDED LENGTH) G RKS BRASS										
PACK JOINT COUPLING MATERIAL: WATER WORKS BI 1-1/4" MNPT	RASS									
1-1/4" SDR 7 HDPE PIPE				EAL		IT	ER #		Å	
PLING PVC				R'S SE	CIAL	MET MO	24195	Shaper 1		~~~
DR BY C	RS 01/06/97 — 3/16 HK'D DATE ISSUE SCALE			ENGINEER'S	10	DE NEW ME	A A	01999	/ "	
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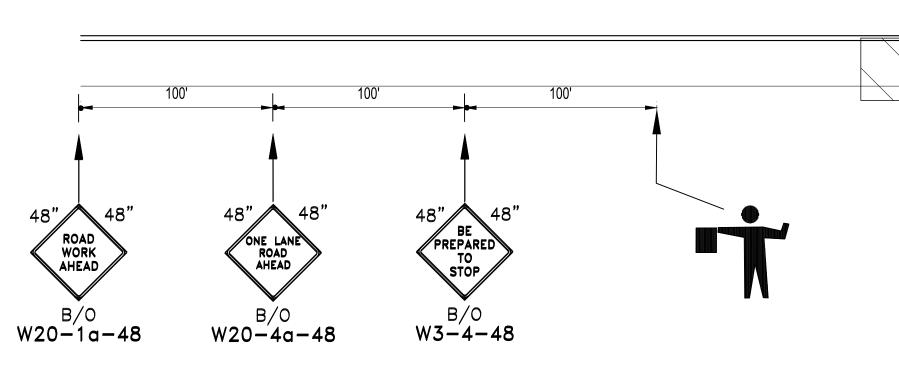


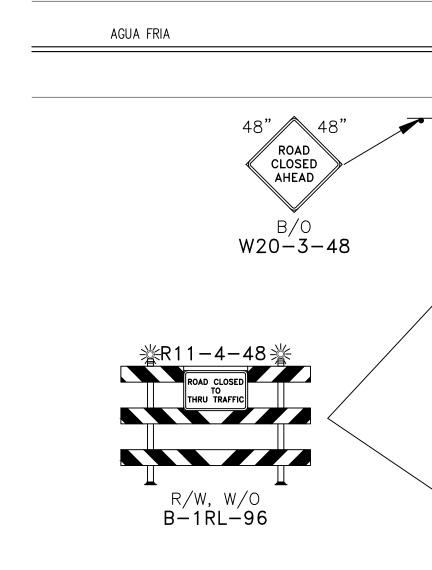




NOTICE OF EXTENDED PAYMENT PROVISION: THIS ALLOWS THE OWNERS TO MAKE PAYMENT WITHIN AFTER SUBMISSION OF AN UNDISPUTED REQUEST PAYMENT.

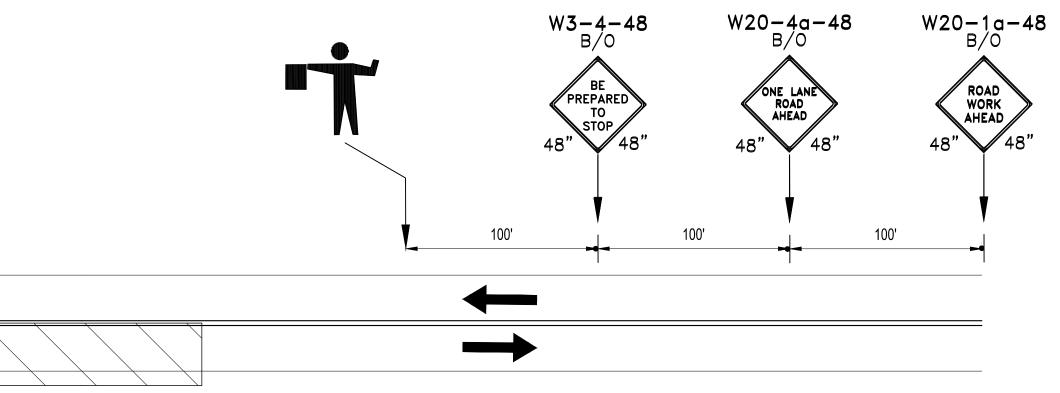
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#### NOTES:

- 1. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL DEVICES & FLAGGERS PER MUTCD, LATEST EDITION.
- 2. CONTRACTOR SHALL LEAVE DRIVEABLE SURFACE ON AGUA FRIA ST AND ALL SIDE STREETS DURING NON-WORKING HOURS. "PAVEMENT ENDS" AND "BUMP" SIGNS SHOULD BE USED WHEN APPROPRIATE
- 3. OPEN TRENCHES SHALL BE COVERED WITH A STEEL PLATE DURING NON WORKING HOURS



WORK ZONE

#### AGUA FRIA FLAGGER CONTROL

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#### TYPICAL SIDE STREET ROAD CLOSURE

NOTICE OF EXTENDED PAYMENT PROVISION: THIS ALLOWS THE OWNERS TO MAKE PAYMENT WITHIN AFTER SUBMISSION OF AN UNDISPUTED REQUES PAYMENT.

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