

# Church Alley Sewer Replacement

## City of Aztec, New Mexico

### San Juan County



Revision Log

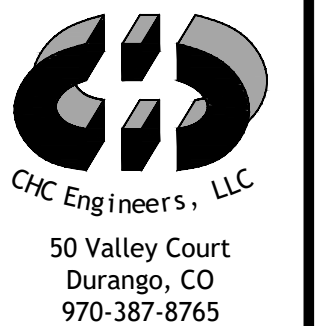
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Plot Date: 09/11/2018 - 7:28am

City of Aztec

Project: CHURCH ALLEY SEWER REPLACEMENT

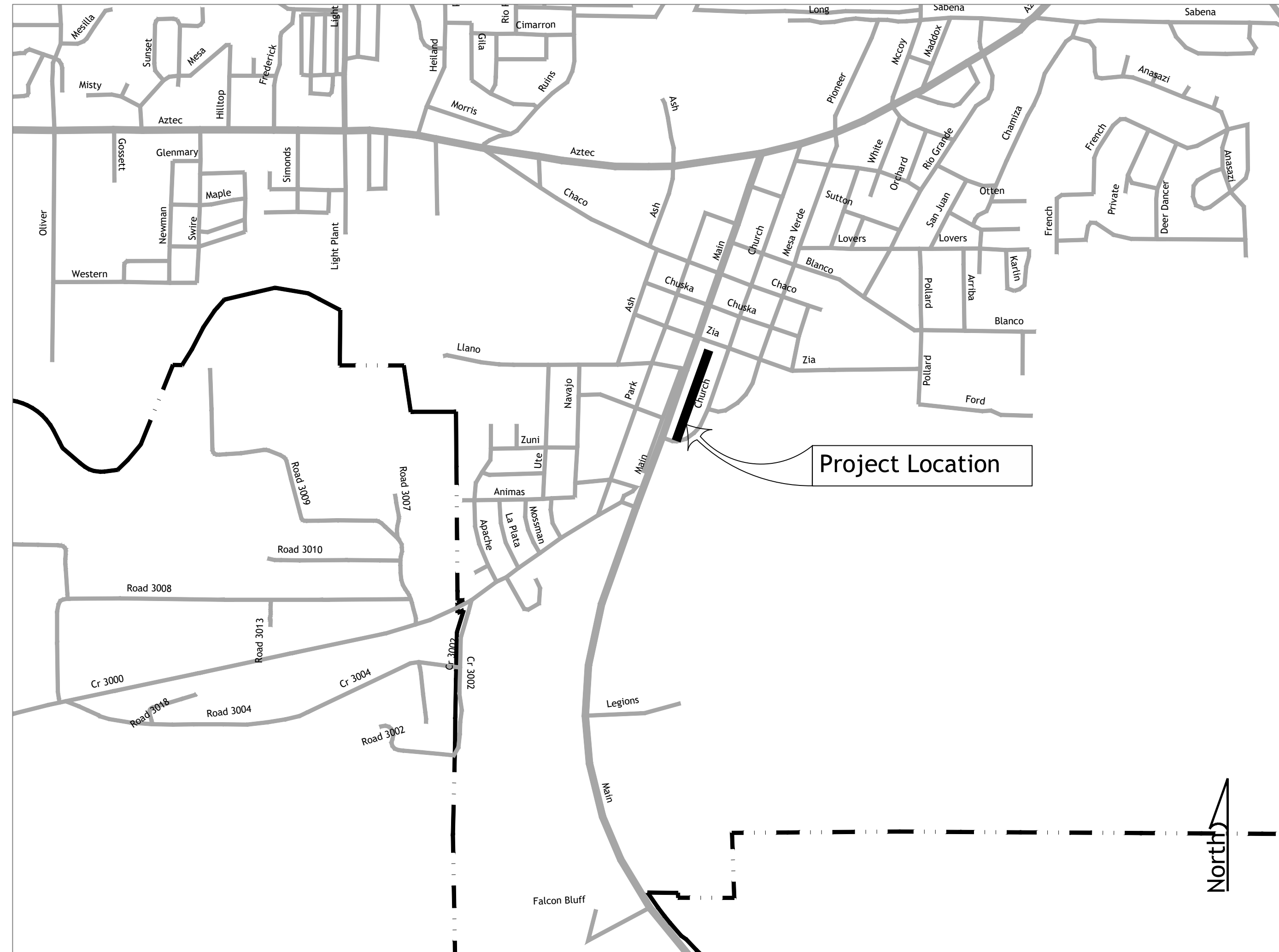
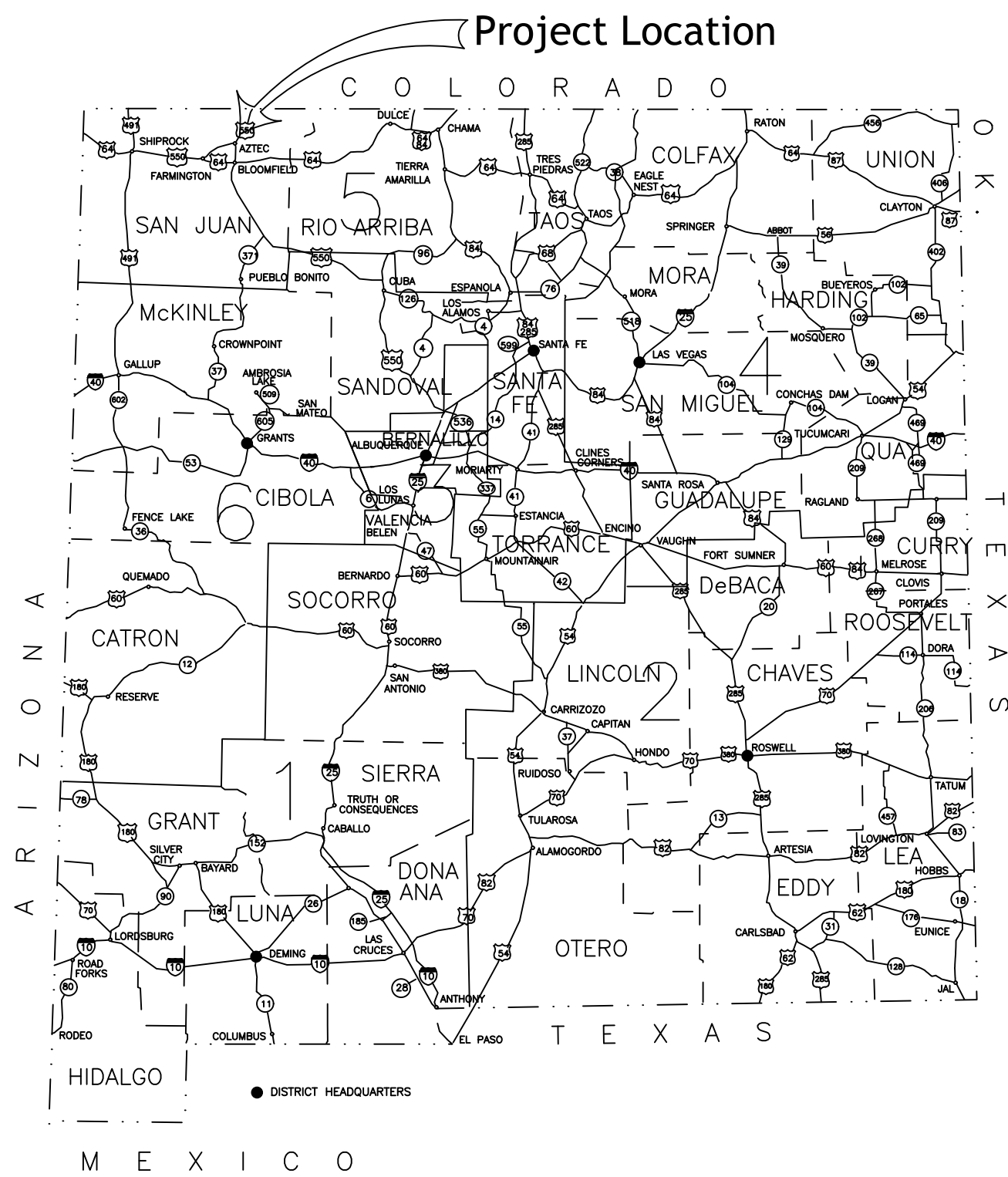
Sheet Description: COVER SHEET



Project Date: 9/11/18

Proj: 18009

1-1



Vicinity Map  
Scale: 1" = 100'

**811**  
Know what's below.  
Call before you dig.  
It's the Law!  
New Mexico One Call, Inc.  
**NMOC**  
Professional Resources for Damage Prevention

UTILITY OWNERS

CITY OF AZTEC DEPARTMENT OF PUBLIC WORKS  
(505) 334-7660

CITY OF AZTEC ELECTRIC DEVELOPMENT  
(505) 334-7660

QWEST (TELEPHONE)  
(505) 325-2311

COMCAST CABLE  
VICTOR APPLGATE 505-402-0055

PNM (GAS)  
505-324-3783

09/11/2018 7:28am  
 R:\Projects\18009\_Aztec\_Church\_Alley\_Sewer\_Replacement\Drawings\Sheet\18009\_Cover\_Sheet.dwg  
 User: rchambers

Drawn using: E:\CS\Software\2009 AutoCAD\Map\_Scan\021805 Church Alley Sewer.dwg Date: 9/11/2018 - 7:28pm



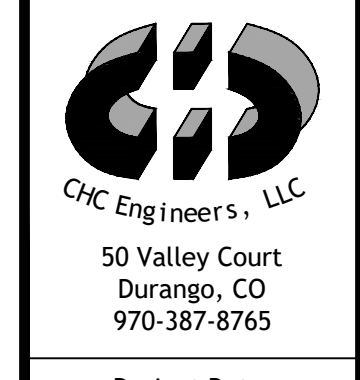
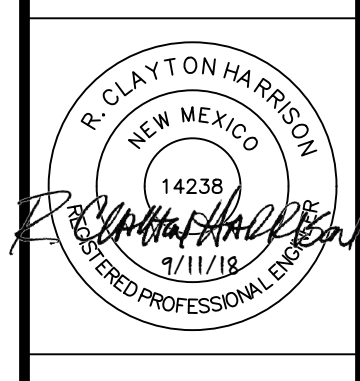
Revision Log

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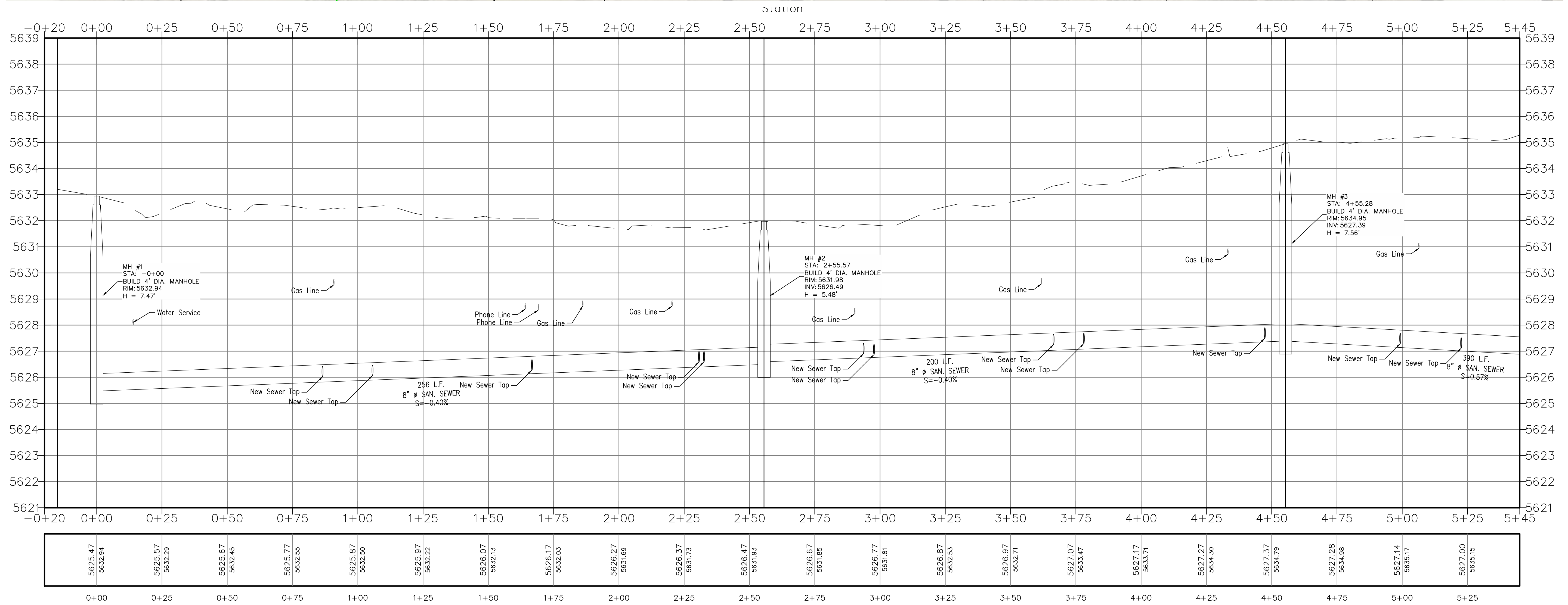
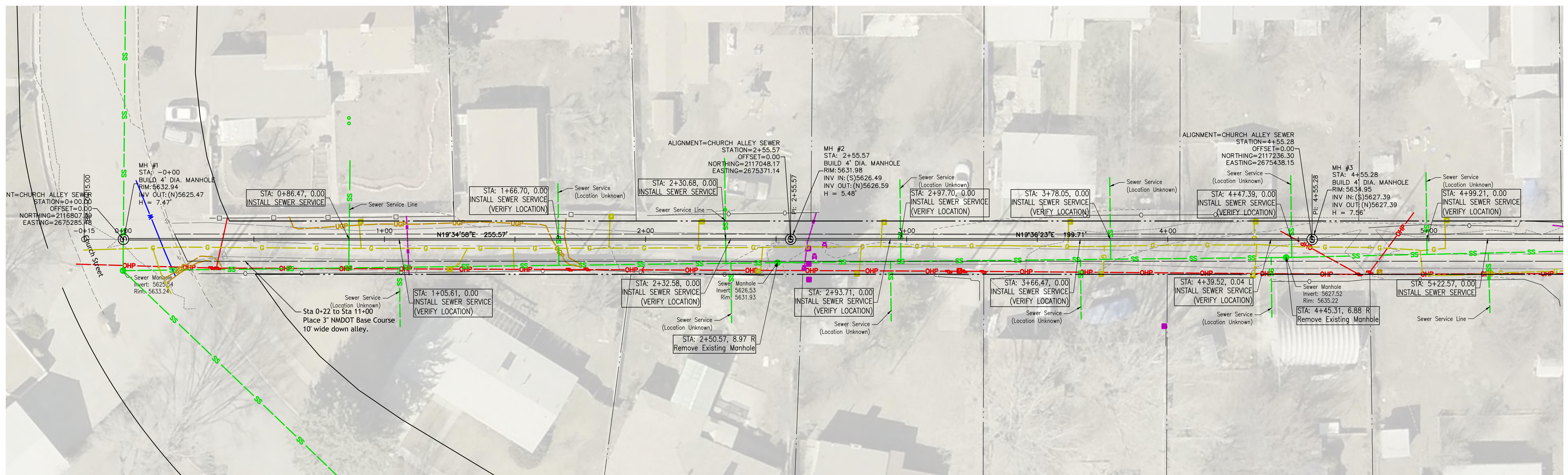
Owner:  
City of Aztec

Project:  
CHURCH ALLEY SEWER REPLACEMENT

Sheet Description:  
OVERVIEW



Project Date:  
9/11/18  
Proj: 18009



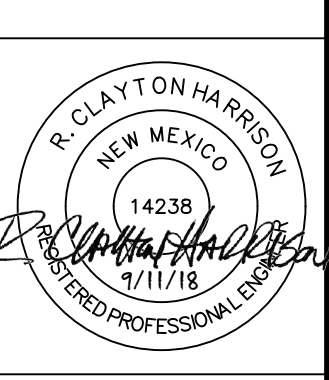
Revision Log

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Owner: City of Aztec

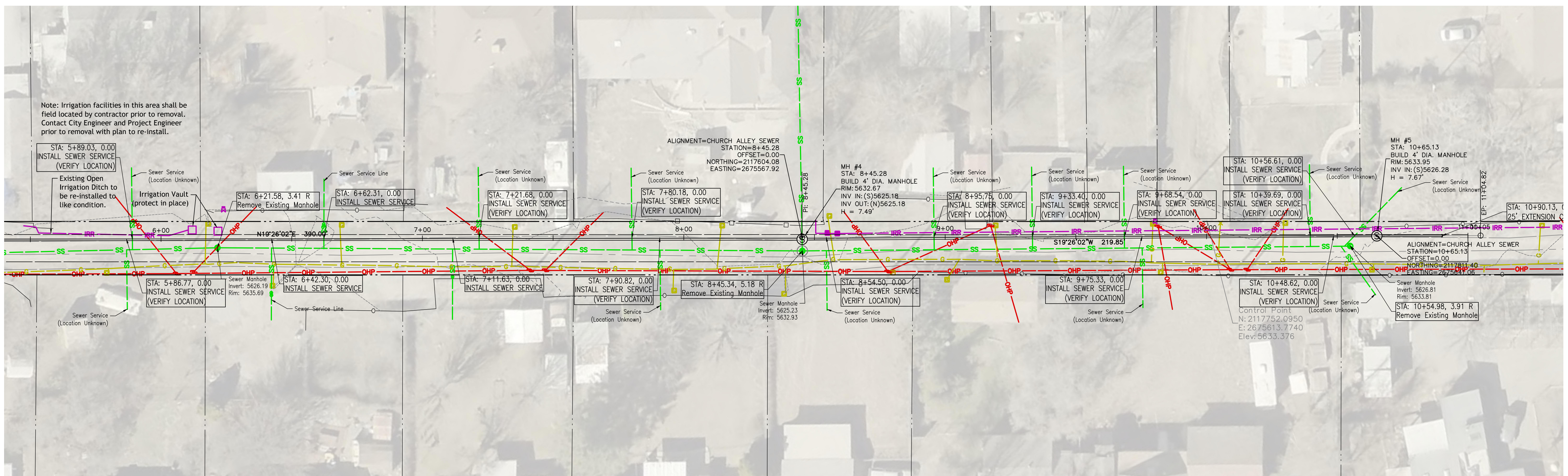
Project: CHURCH ALLEY SEWER REPLACEMENT

Sheet Description: SEWER PLAN AND PROFILE

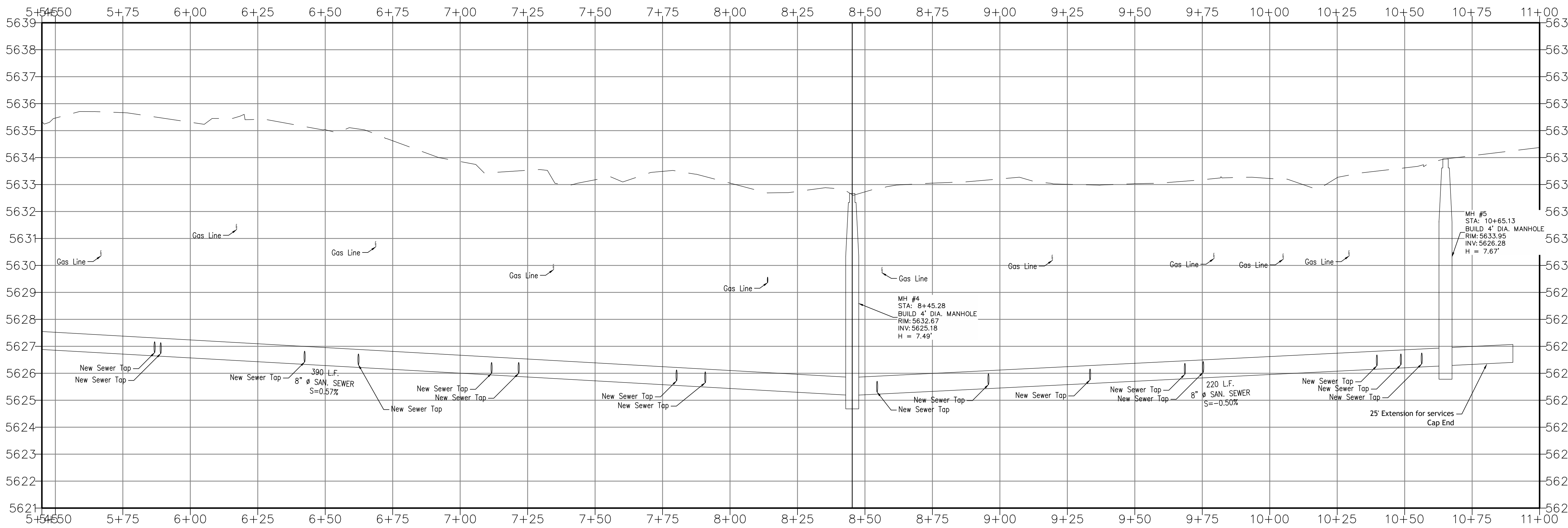


Drawn by: J. D. [unreadable] Date: 9/11/2018  
 Checked by: [unreadable] Date: 9/11/2018  
 Plotted by: [unreadable] Date: 9/11/2018

Plot Date: 09/11/2018 - 7:28am



Station



5+50	5635.46	5626.85	5+75	5635.67	5626.71	6+00	5635.31	5626.57	6+25	5635.42	5626.43	6+50	5635.03	5626.29	6+75	5634.62	5626.15	7+00	5633.85	5626.00	7+25	5633.53	5625.86	7+50	5633.18	5625.72	7+75	5633.49	5625.58	8+00	5633.05	5625.44	8+25	5632.75	5625.30	8+50	5632.73	5625.21	8+75	5633.05	5625.33	9+00	5633.21	5625.46	9+25	5633.01	5625.58	9+50	5633.03	5625.70	9+75	5633.18	5625.85	10+00	5633.22	5625.95	10+25	5633.26	5626.09	10+50	5633.62	5626.20	10+75	5634.07	5626.33
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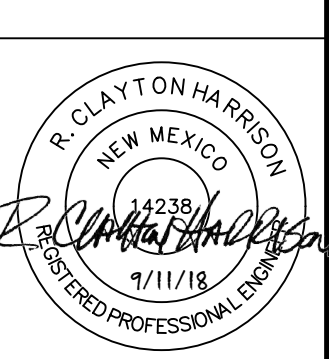
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Owner: City of Aztec

Project: CHURCH ALLEY SEWER REPLACEMENT

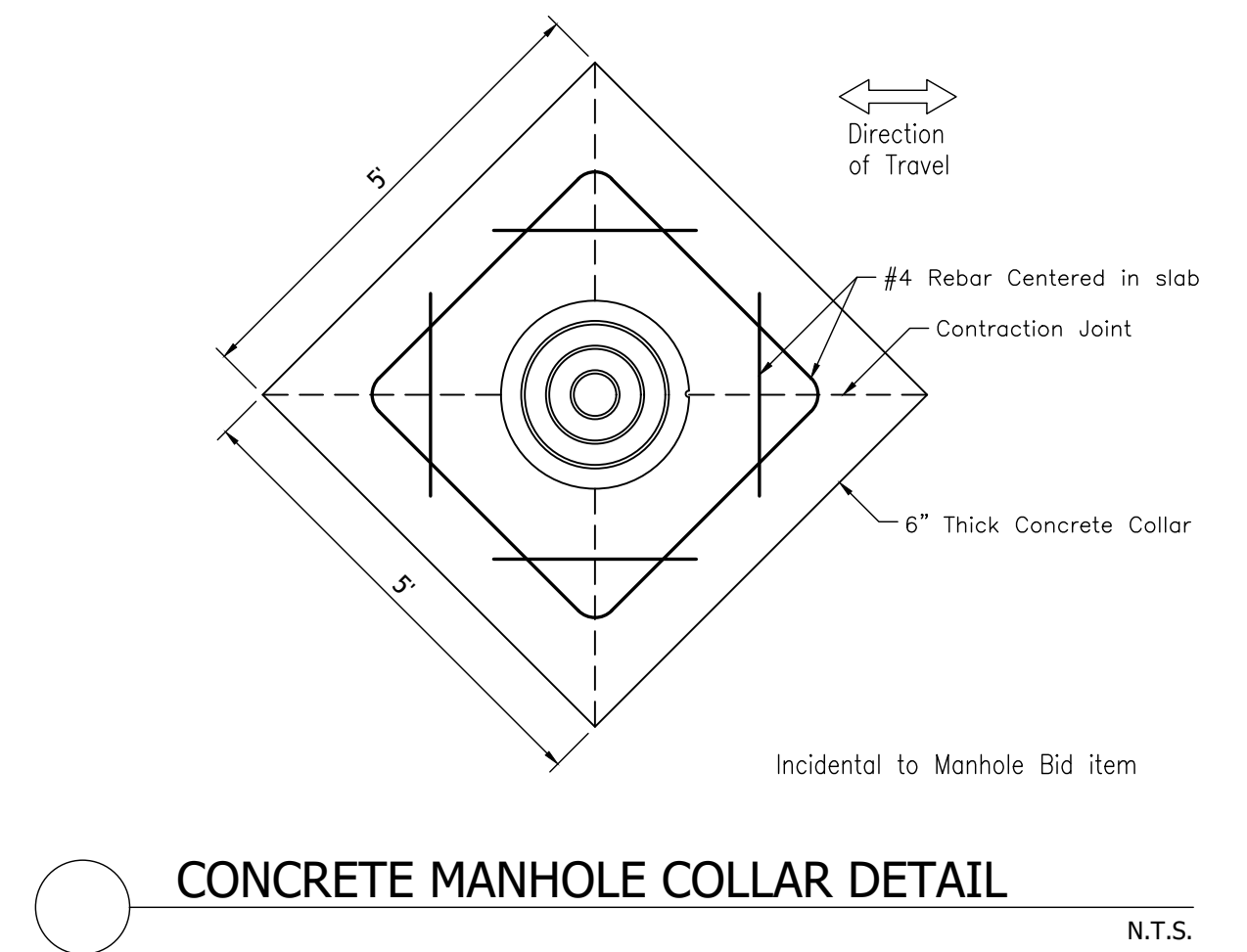
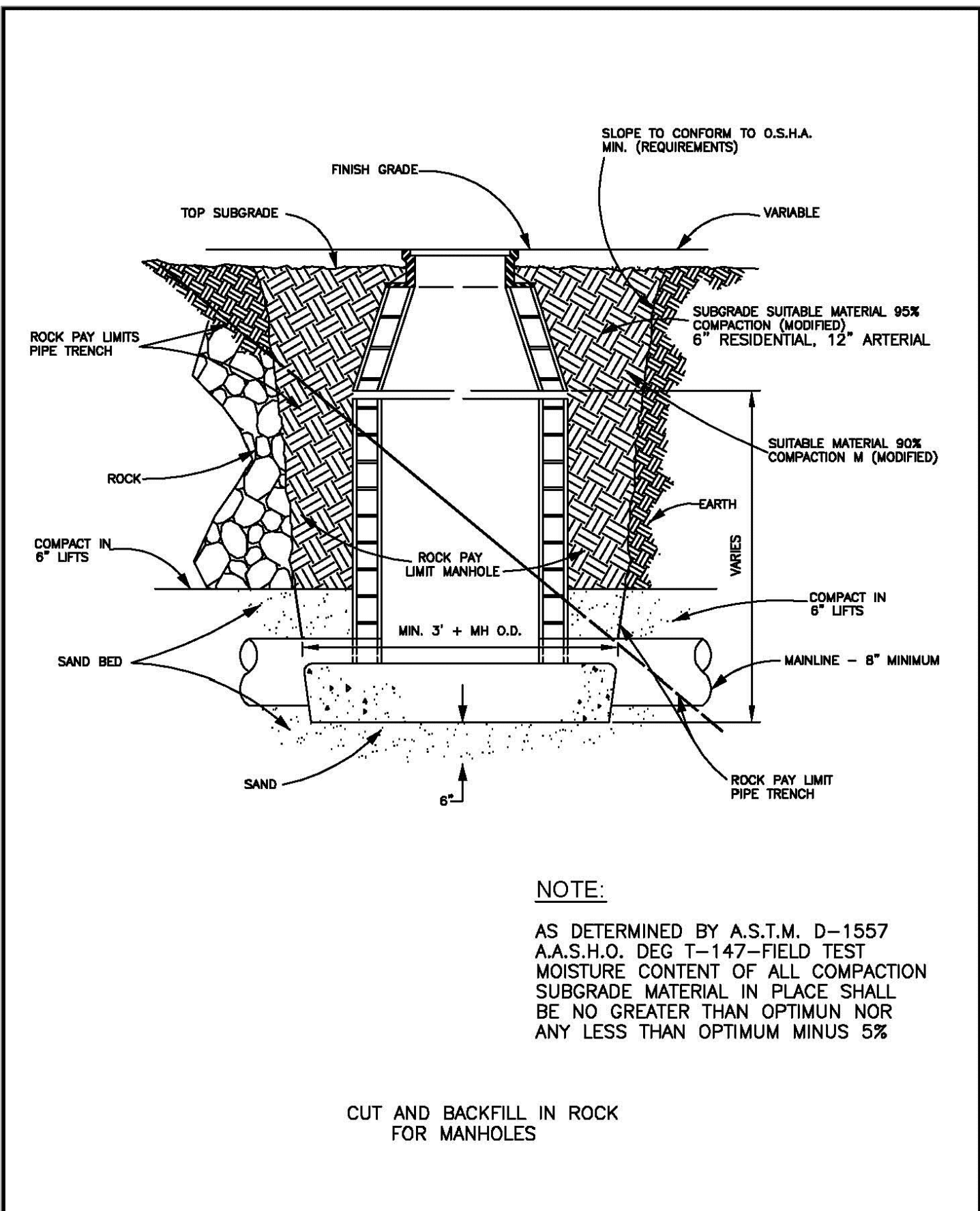
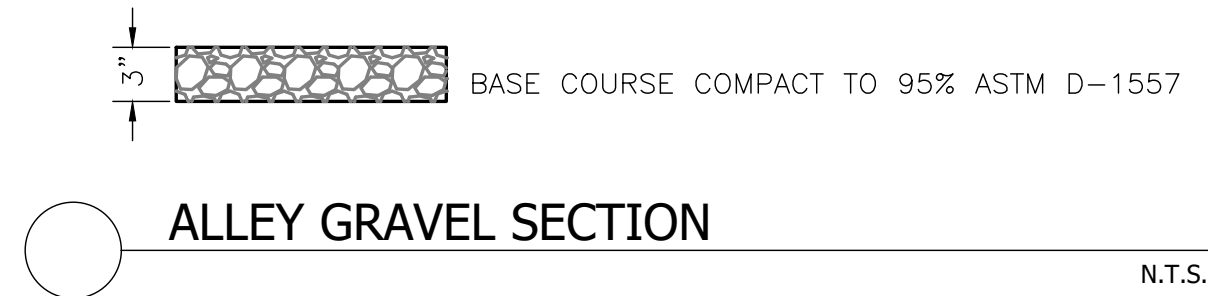
Sheet Description: SEWER PLAN AND PROFILE



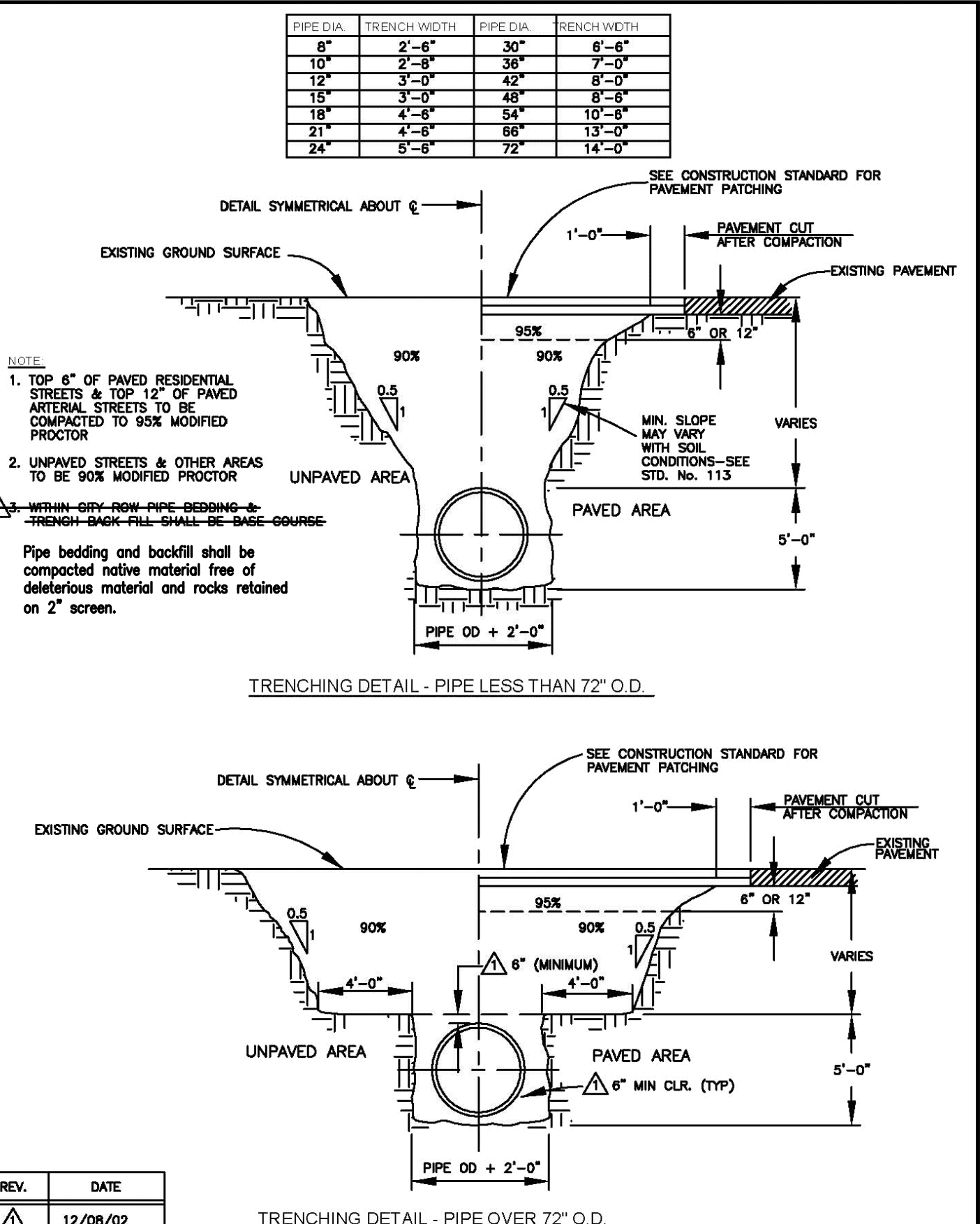
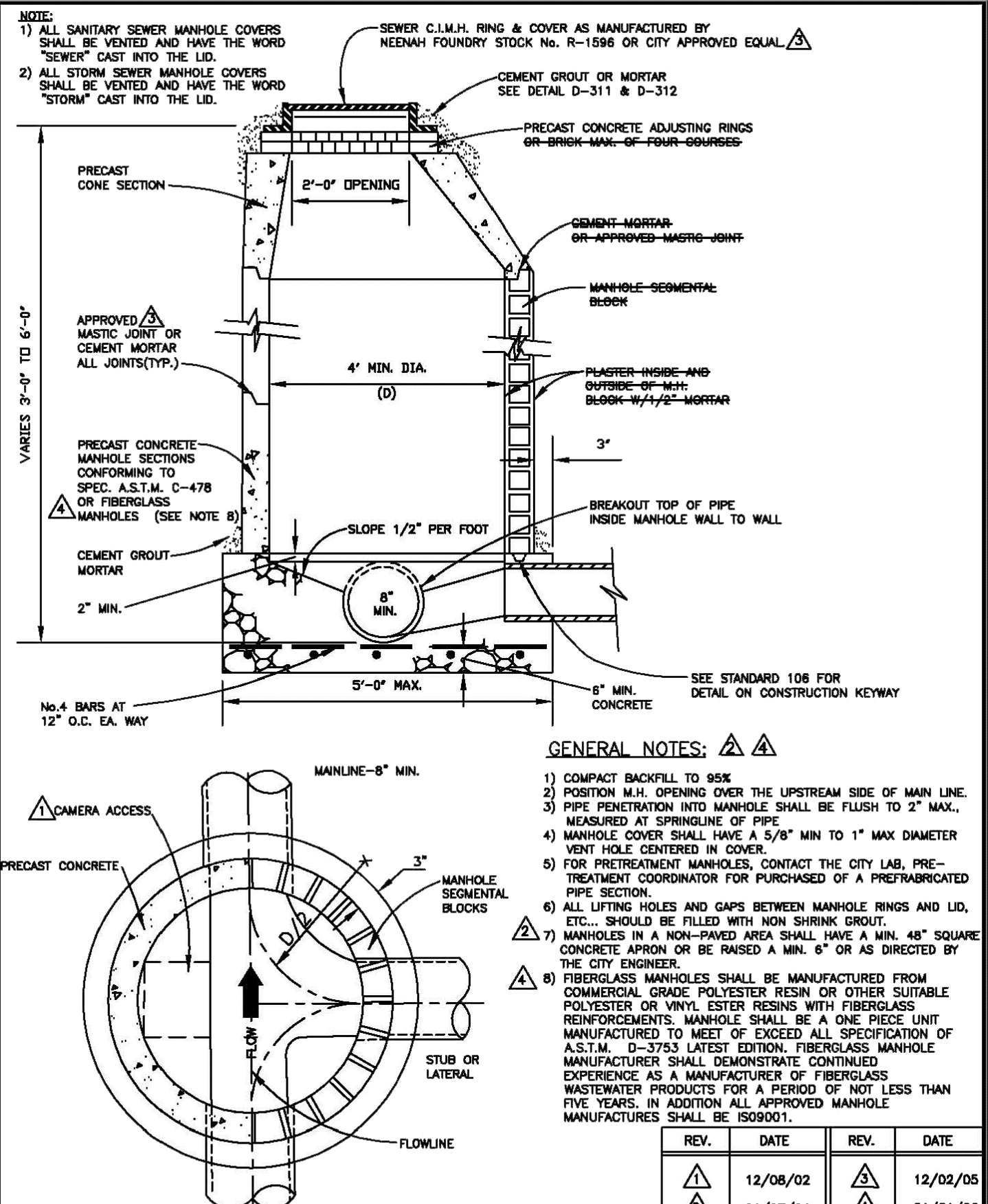
CHC Engineers, LLC  
50 Valley Court  
Durango, CO  
970-387-8765  
Project Date: 9/11/18  
Proj: 18009

**GENERAL NOTES**

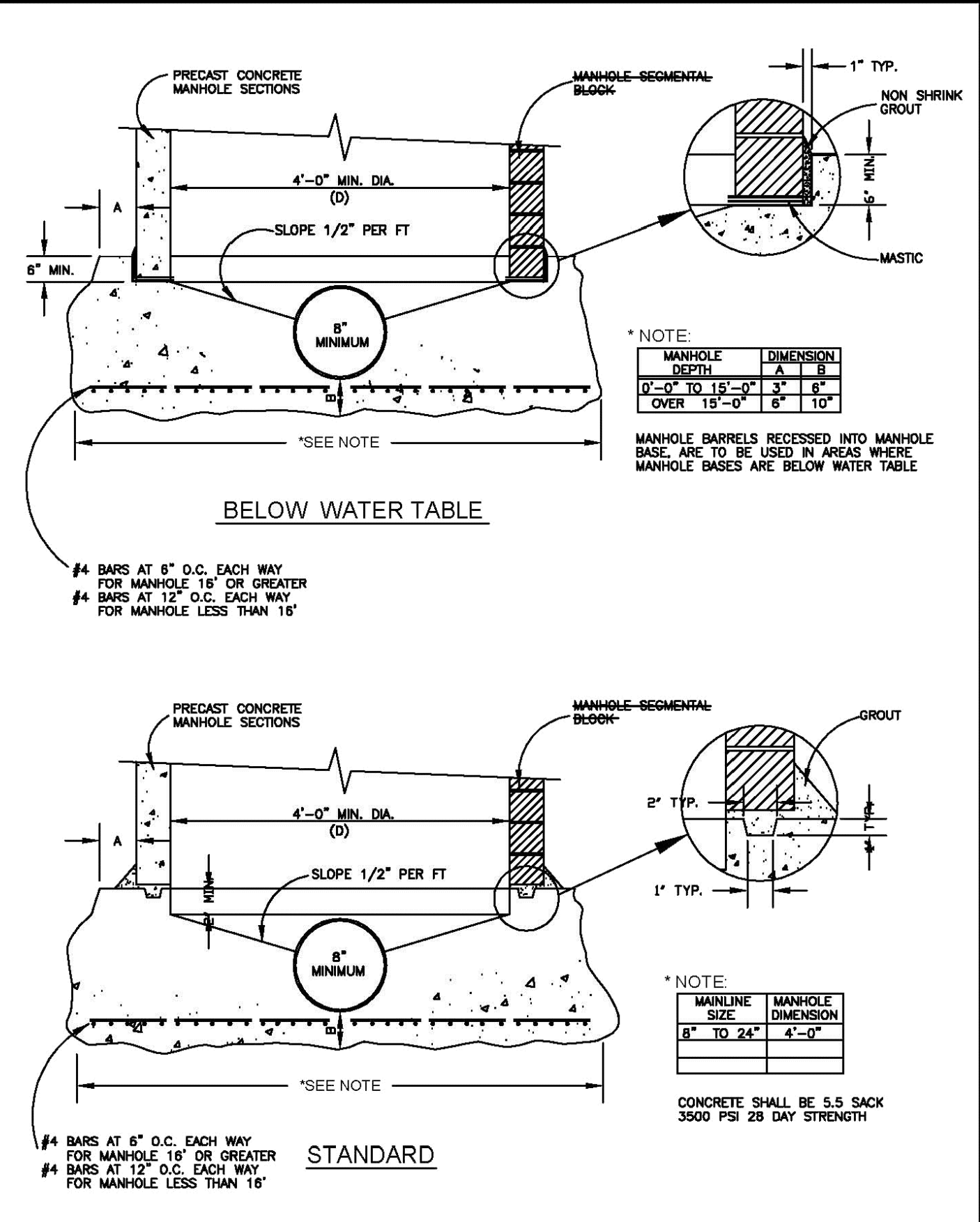
- Contractor shall follow 2006 New Mexico APWA standards for construction of all infrastructure in this plan.
- Contractor to field verify exact location and depth of existing utility lines. (incidental to project)
- Contractor to coordinate with the city and all appropriate utility owners as required, prior to construction. Three weeks notice to be given to utilities (main line, laterals, and utility poles) set for relocation.
- Protect all existing utility lines during construction to maintain services to existing properties.
- Compact all fill slopes to 95% of max density within 3% of optimum moisture.
- Bottom of trench is to be excavated to a smooth, uniform grade and hand leveled, if necessary, to secure an even bearing surface for the pipe.
- All materials shall be new, unused, and of the best standard quality available.
- Backfill shall be taken from spoil bank, if free of rubble and organic material, and compacted to 95% maximum density per ASTM D-698.
- Provide 3' minimum cover over pipe unless otherwise noted on plan sheet.
- All fittings not specifically shown in Bid Items shall be considered as incidental to the utility pipe item.
- Export material to be removed off the project site, incidental to project.
- Demo all existing manhole rings and lids to city public works yard at 610 Western Dr. Aztec, NM
- All open trenches shall be protected with safety fence when construction activity is suspended or the trench is not supervised to assure public safety.
- Permanent existing survey pins, fencing, and other appurtenances affected by construction to be removed, relocated and adjusted to finished grade by contractor, incidental to project.



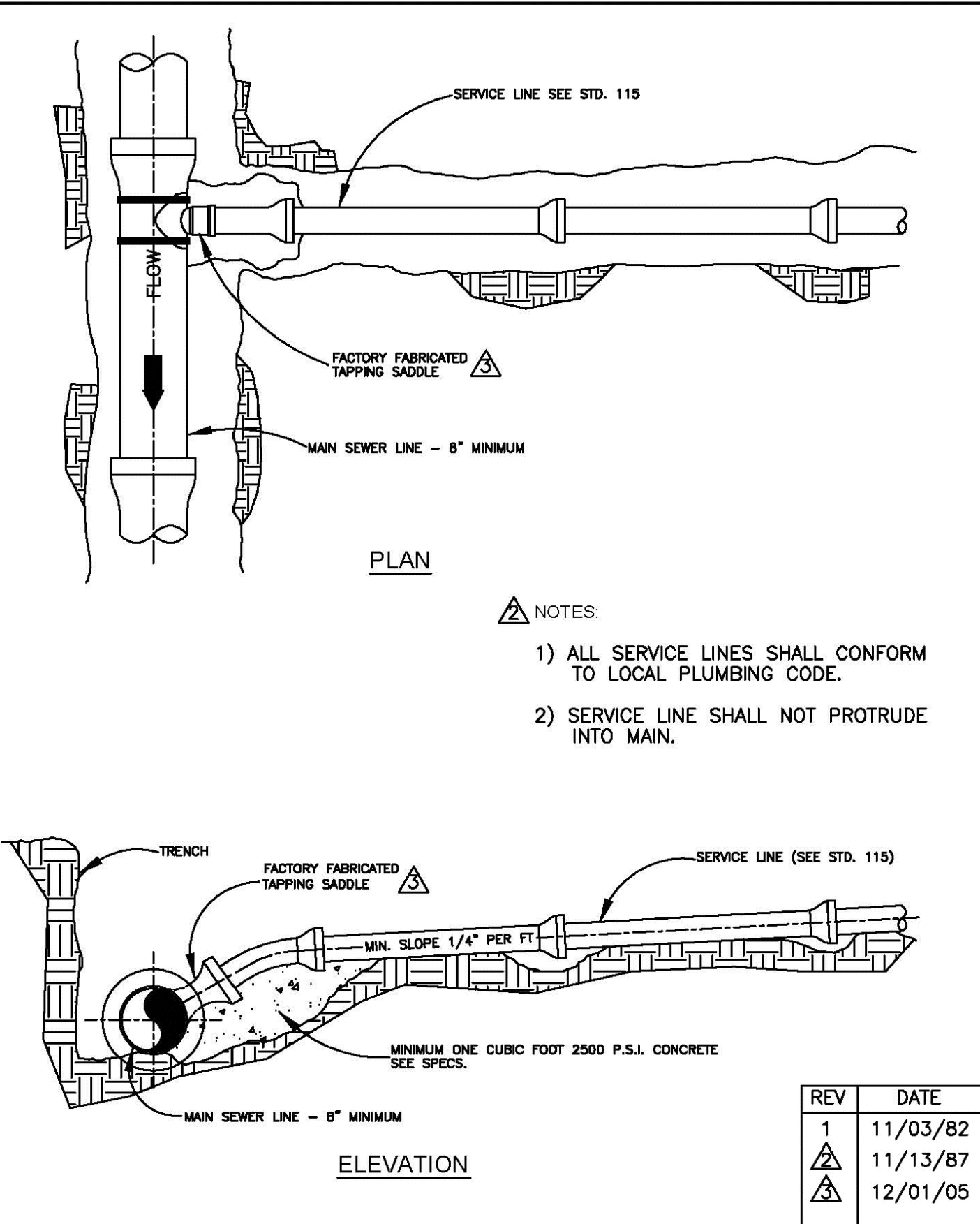
**TRENCH CUTS (MANHOLES) TRENCH WIDTHS**  
 STANDARD No. D-111 SHEET 1 OF 1  
 CITY OF AZTEC PUBLIC WORKS DEPARTMENT



**TRENCH DETAILS**  
 STANDARD No. D-112 SHEET 1 OF 3  
 CITY OF AZTEC PUBLIC WORKS DEPARTMENT



**MANHOLE BASES**  
 STANDARD No. D-106 SHEET 1 OF 1  
 CITY OF AZTEC PUBLIC WORKS DEPARTMENT



**TAP SADDLE CONNECTION**  
 STANDARD No. D-109 SHEET 1 OF 1  
 CITY OF AZTEC PUBLIC WORKS DEPARTMENT

**CONSTRUCTION STANDARDS**  
 SHALLOW MANHOLE TYPE "B"  
 STANDARD NO. D-102 SHEET 1 OF 1  
 CITY OF AZTEC PUBLIC WORKS DEPARTMENT

Revision Log

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Owner: City of Aztec

Project: CHURCH ALLEY SEWER REPLACEMENT

Sheet Description: SEWER LINE CONSTRUCTION DETAILS

R. CLAYTON HARRISON  
 NEW MEXICO  
 14238  
 REGISTERED PROFESSIONAL ENGINEER  
 9/11/18

CHC Engineers, LLC  
 50 Valley Court  
 Durango, CO  
 970-387-8765

REV	DATE
1	11/03/82
1	11/13/87
1	12/01/05

Project Date: 9/11/18  
 Proj: 18009

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