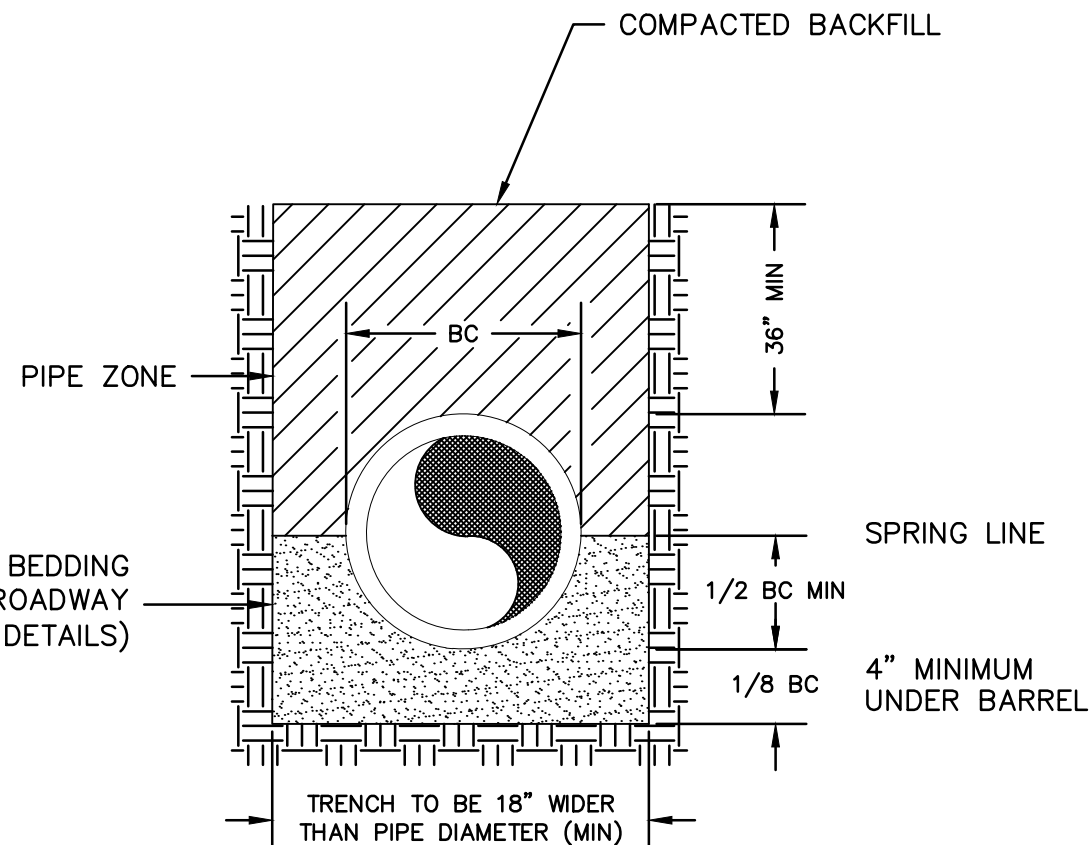


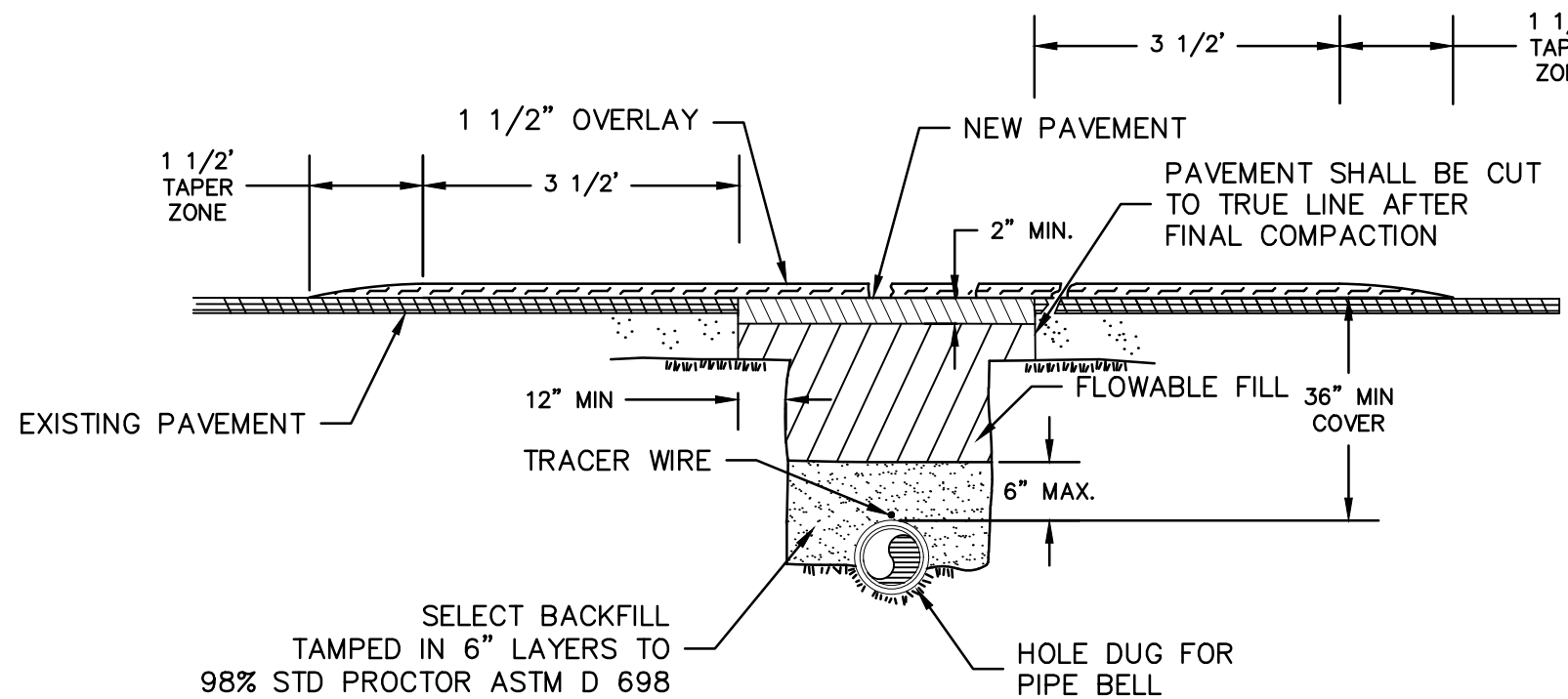
UNPAVED ROADWAY BEDDING DETAIL

#57 STONE BEDDING  
(STONE ABOVE PIPE IN ROADWAY  
AND PAVED AREA DETAILS)



TYPICAL BEDDING FOR  
GRAVITY SEWER PIPE

- NOTES:
- PAVEMENT CUT TO EXTEND 12" BEYOND EDGES OF TRENCH INSTALLATION CUT. FINAL CUT TO BE MADE AFTER FINAL COMPACTION.
  - MATCH EXISTING PAVEMENT TYP. THICKNESS IS TO BE 2" UNLESS EXISTING IS THICKER.
  - ALL INSTALLATIONS IN PUBLIC ROADWAYS SHALL COMPLY WITH CONDITIONS OUTLINED ON APPLICABLE ENCROACHMENT PERMIT, IF MORE STRINGENT.



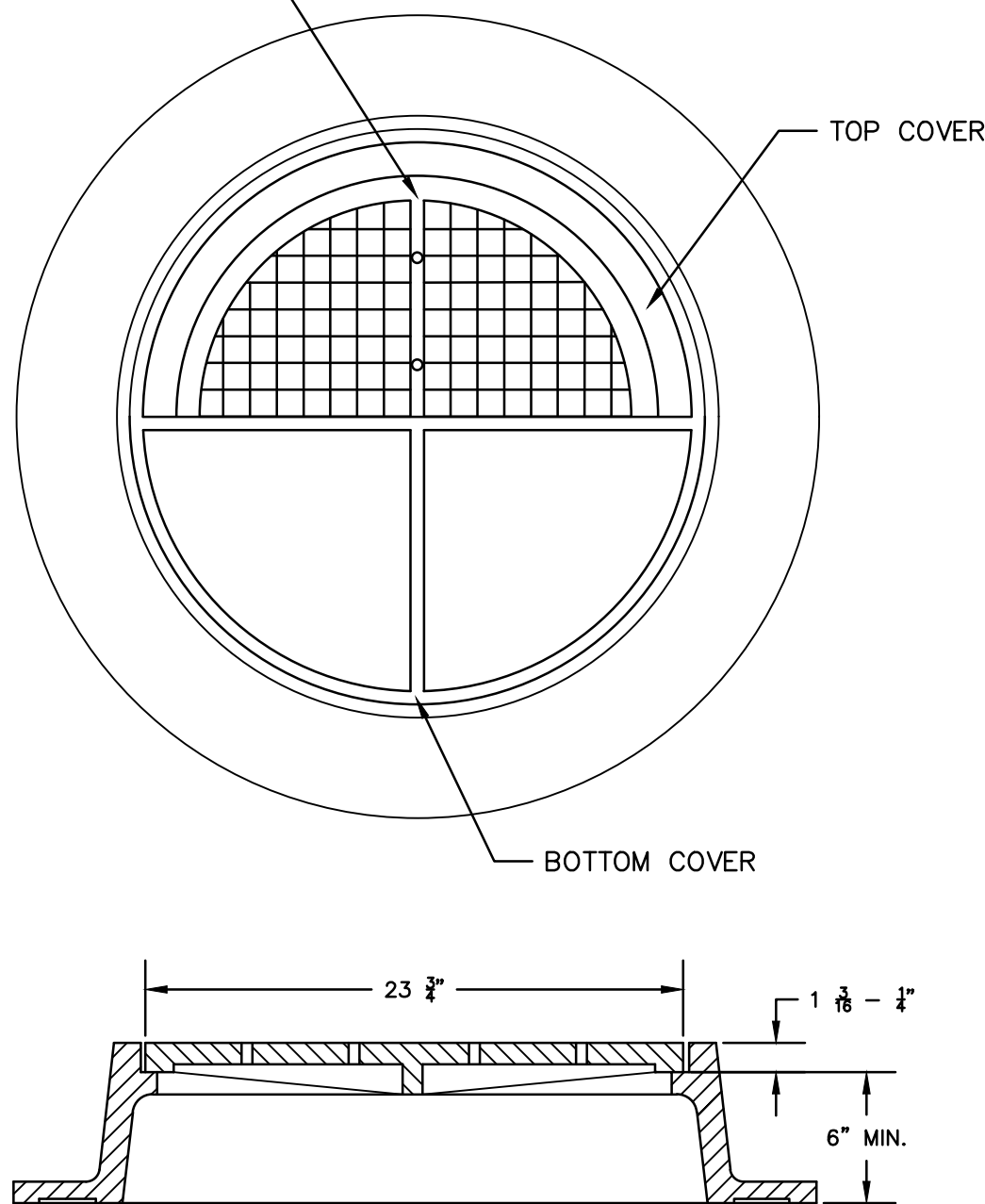
PAVED AREA DETAIL



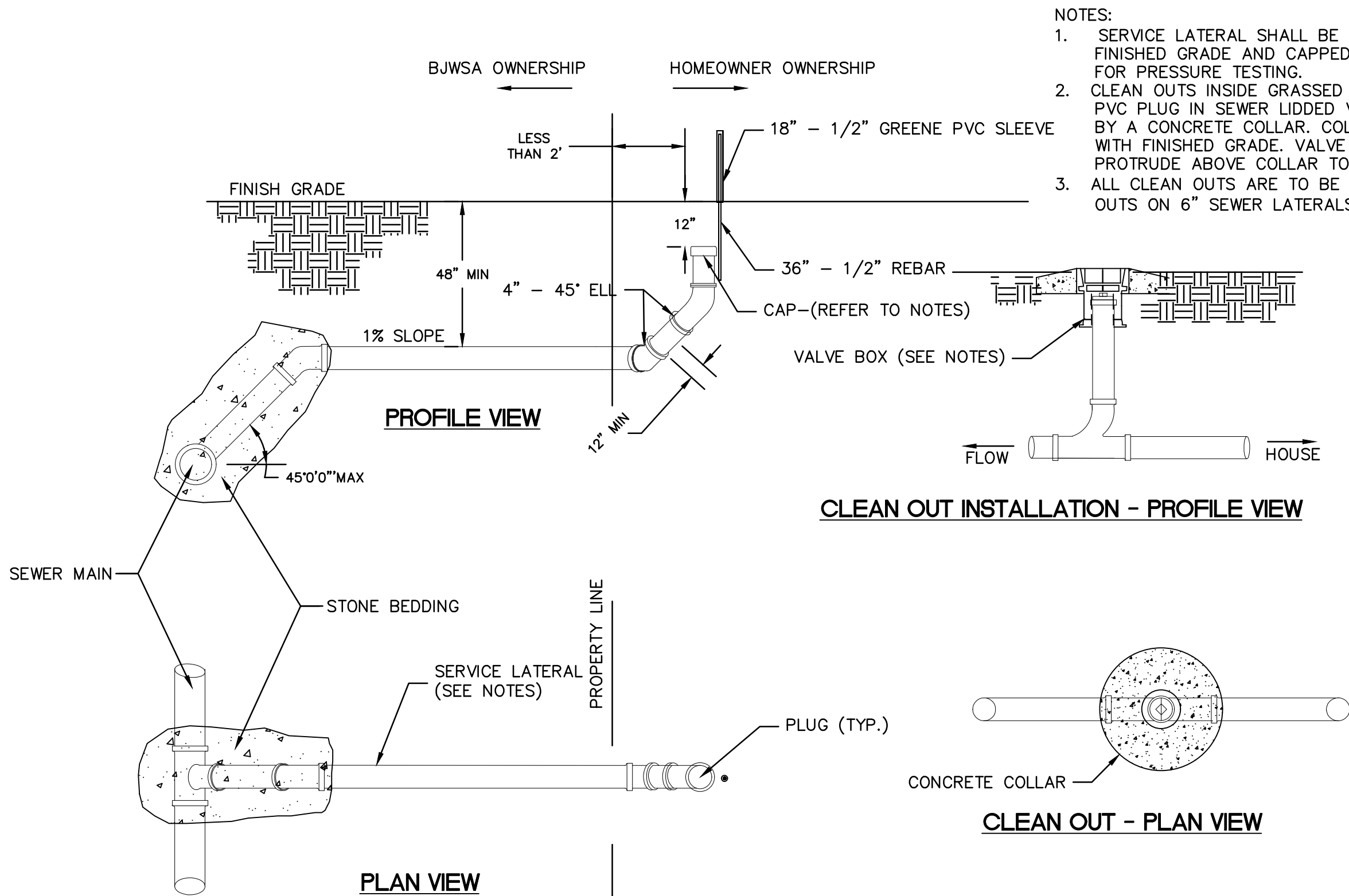
LOGO

NOTES:

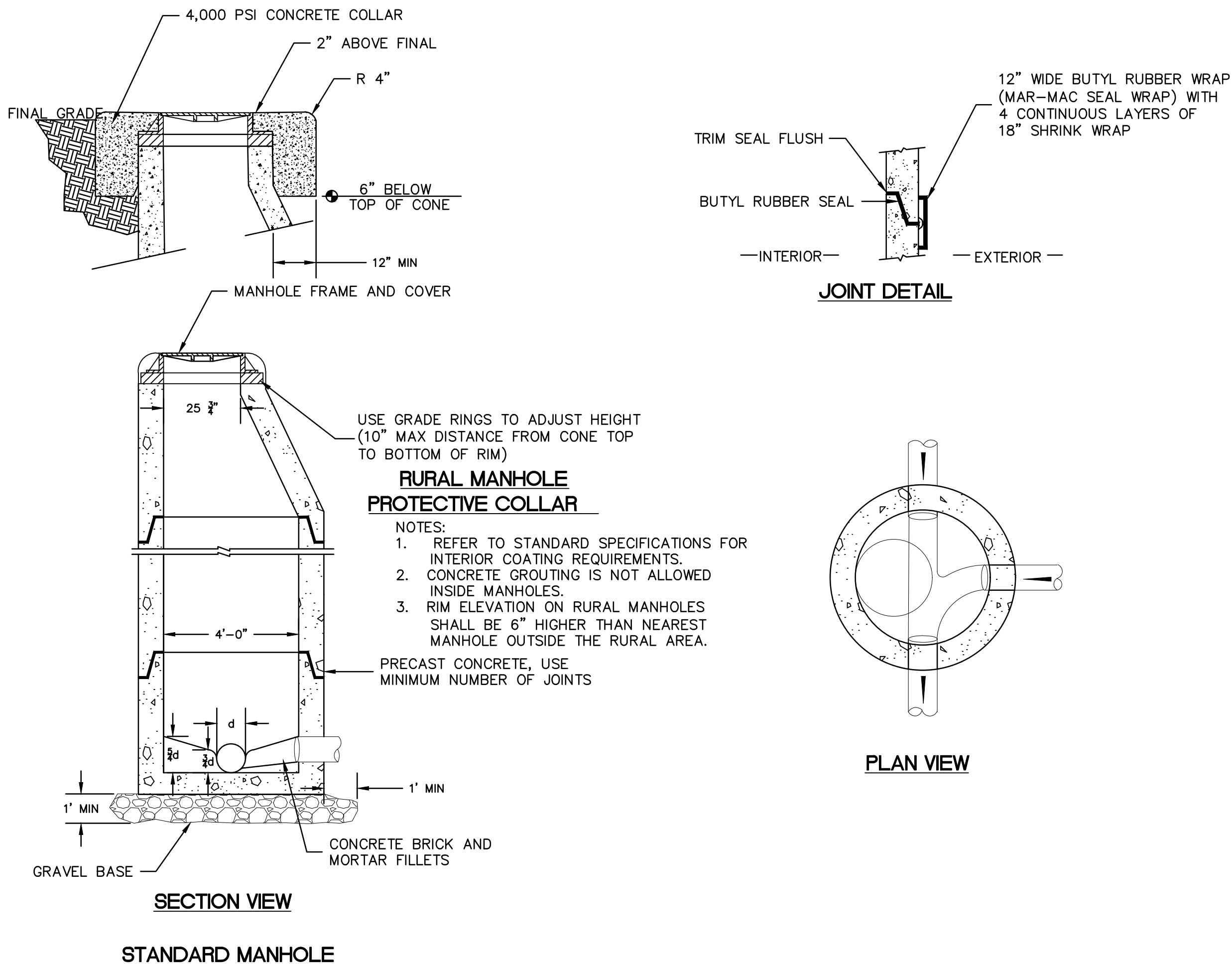
- CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE, DISTORTION OR OTHER DEFECTS. THEY SHALL BE SMOOTH AND WELL CLEANED BY SHOT BLASTING OR BY SOME OTHER APPROVED METHOD UNLESS AN ALTERNATIVE SPECIFICATION IS MADE.
- MATERIALS USED IN THE MANUFACTURE OF CASTINGS SHOULD CONFORM TO ASTM, AASHTO, ASA, MIL, AMS OR FEDERAL SPECIFICATIONS FOR GRAY IRON OR DUCTILE IRON AS FOLLOWS: GRAY IRON-ASTM CLASS 35, DUCTILE IRON-GRADE 60-40-18.
- ALL CASTINGS SHALL BE MANUFACTURED TRUE TO PATTERN



MANHOLE, COVER AND FRAME



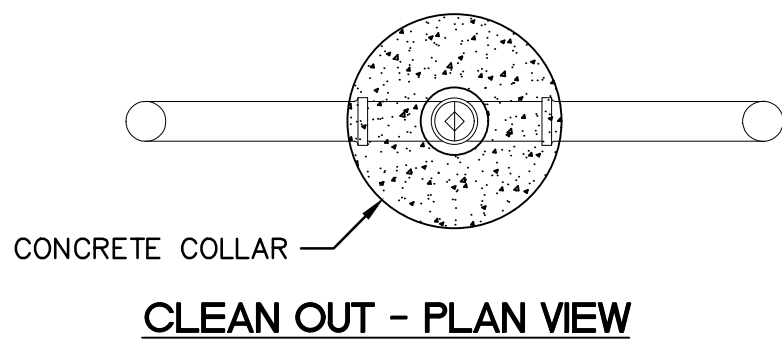
SEWER SERVICE, SINGLE



STANDARD MANHOLE

- NOTES:
- SERVICE LATERAL SHALL BE INSTALLED 12" BELOW FINISHED GRADE AND CAPPED IN A MANNER SUITABLE FOR PRESSURE TESTING.
  - CLEAN OUTS INSIDE GRASSSED AREA SHALL CONSIST OF PVC PLUG IN SEWER LIDDED VALVE BOX SURROUNDED BY A CONCRETE COLLAR. COLLAR SHALL BE FLUSH WITH FINISHED GRADE. VALVE BOX LID SHALL NOT PROTRUDE ABOVE COLLAR TOP.
  - ALL CLEAN OUTS ARE TO BE 4", INCLUDING CLEAN OUTS ON 6" SEWER LATERALS.

CLEAN OUT INSTALLATION - PROFILE VIEW



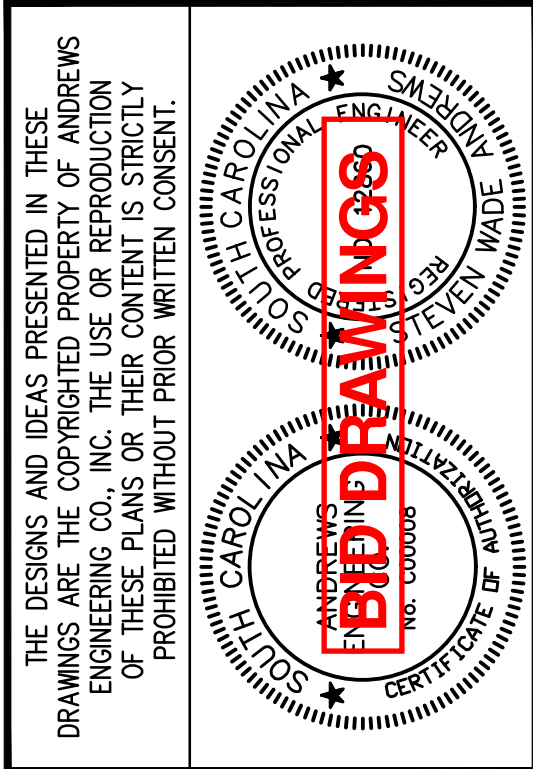
CLEAN OUT - PLAN VIEW

JOINT DETAIL

PLAN VIEW

PRELIMINARY / NOT FOR CONSTRUCTION

PLAN REVISIONS		DATE:	BY:
NO.	DESCRIPTION:		
1			
2			
3			
4			
5			
6			
7			
8			



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# Andrews Engineering & Surveying

Preliminary Site Plan  
For  
Kitties Crossing Lot 4  
S.C. Hwy. 46  
Town of Bluffton  
Beaufort County, SC

Sanitary Sewer  
Details  
Sheet 1

Date Drawn: 07/30/15  
Last Revised: 03/01/17  
Drawn By: R. Crosby  
Engineer: S. Andrews

SHEET #:  
**13**

JOB: 150041