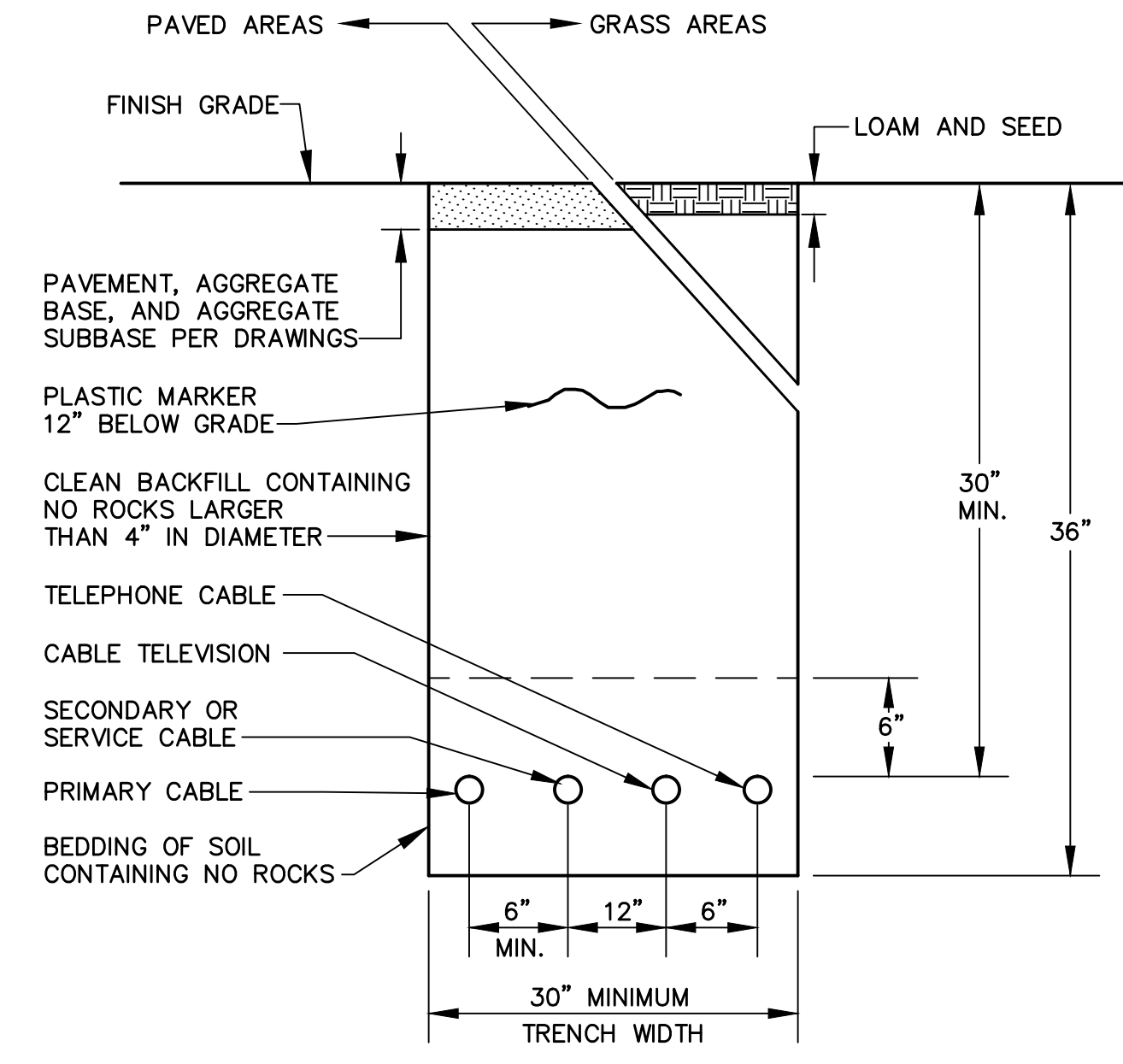
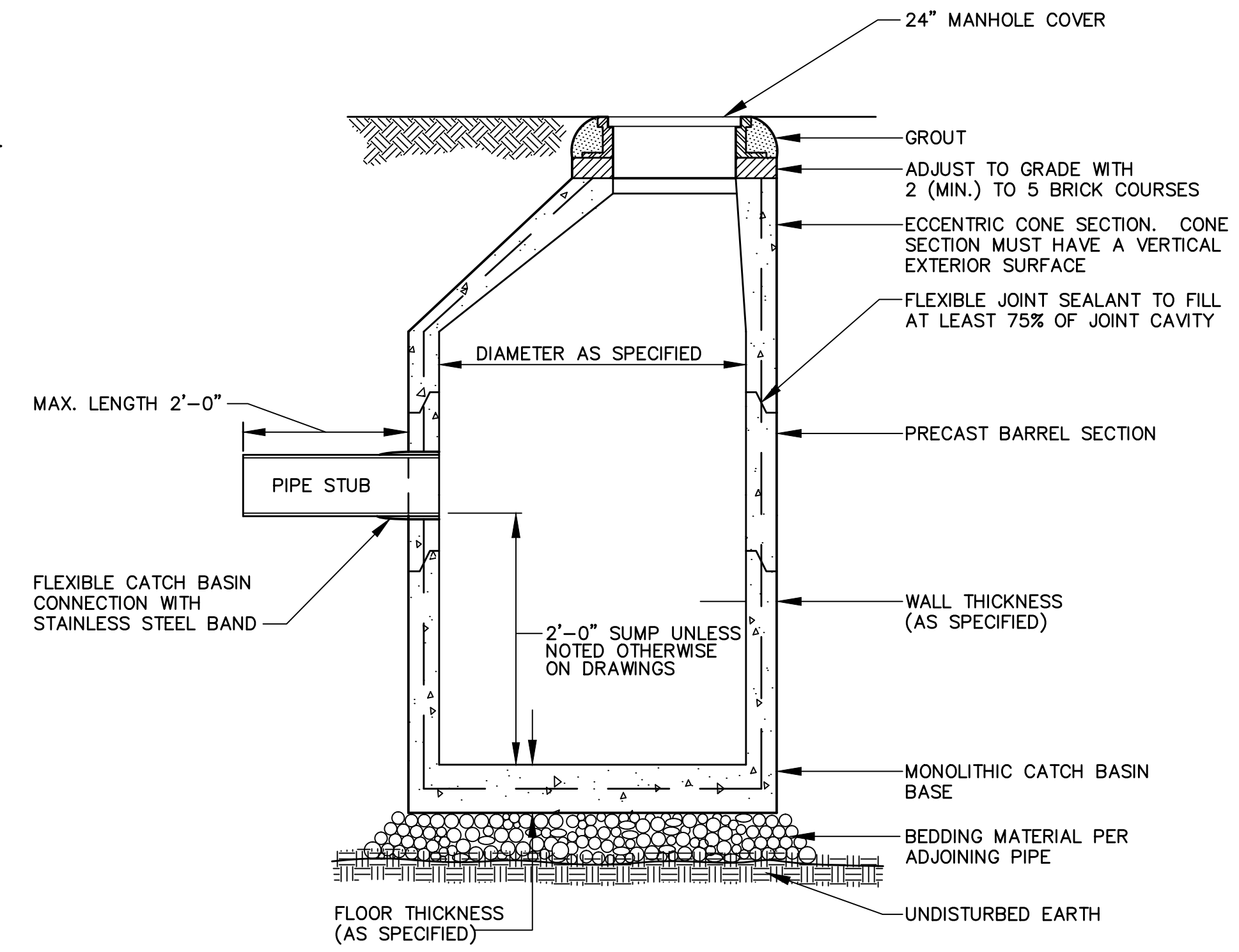


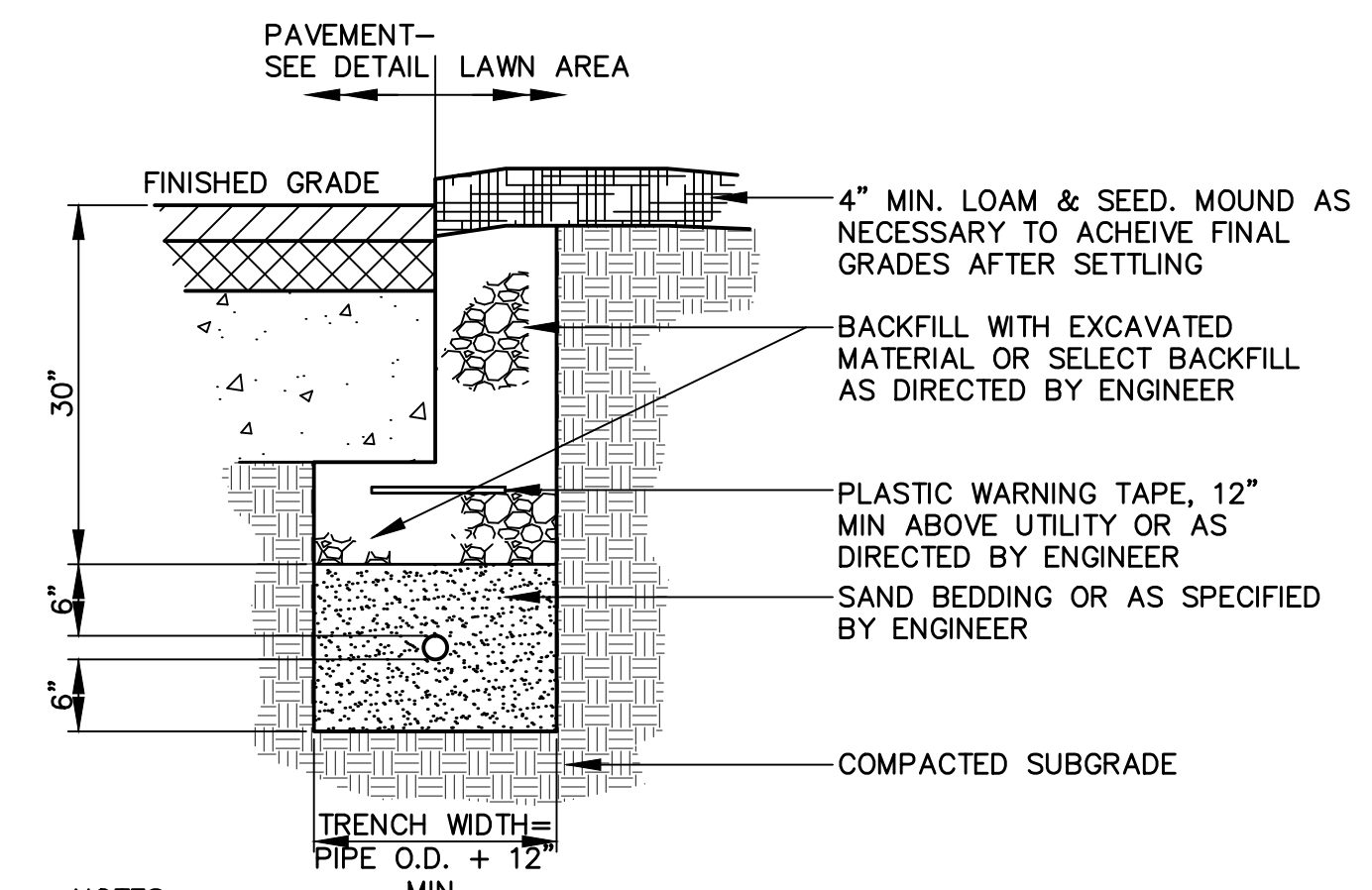
**1 TYPICAL PVIOUS PAVER DRIVEWAY SECTION**  
NOT TO SCALE



**2 UNDERGROUND UTILITY TRENCH DETAIL**  
NOT TO SCALE

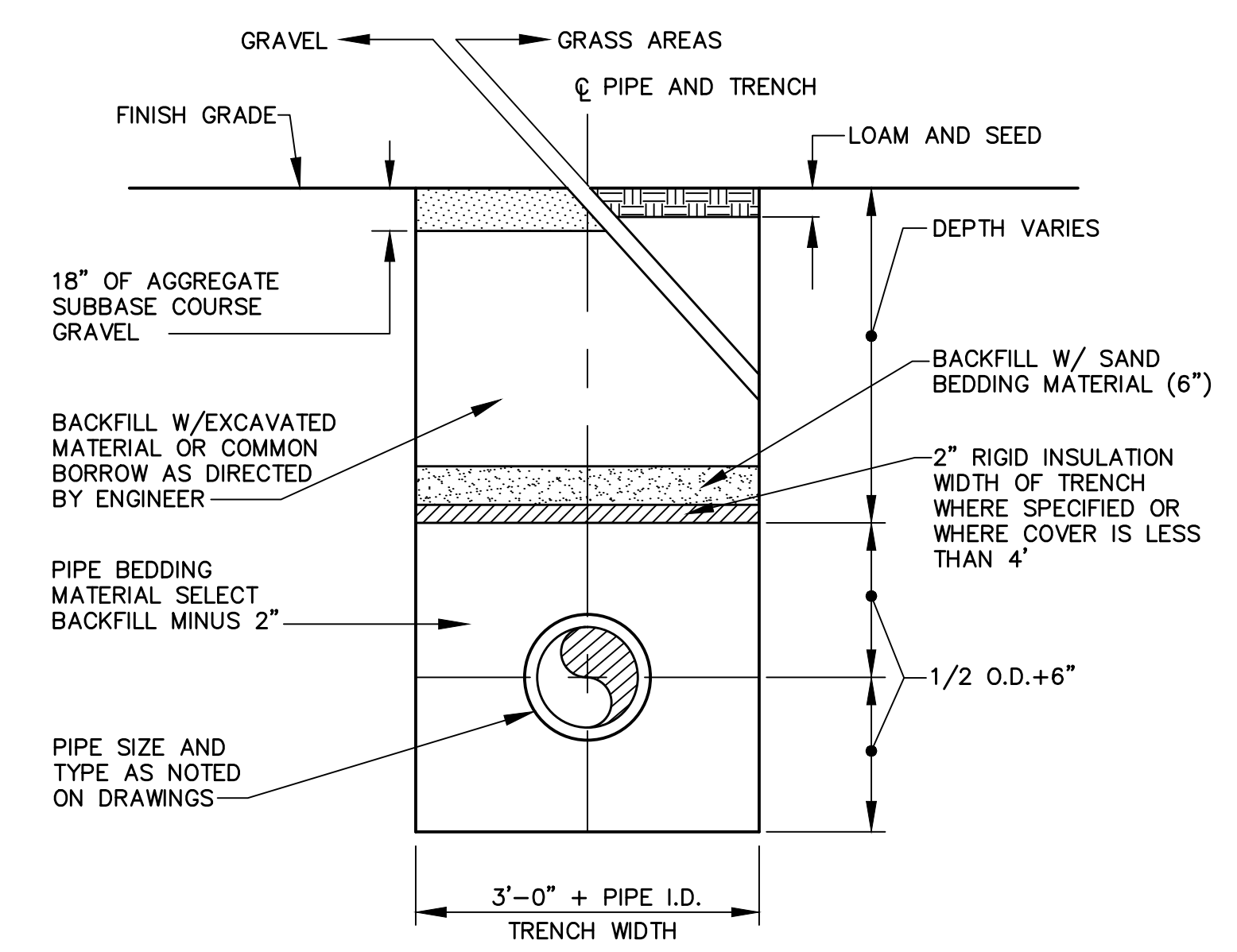


**3 PRECAST CONCRETE MANHOLE**  
NOT TO SCALE



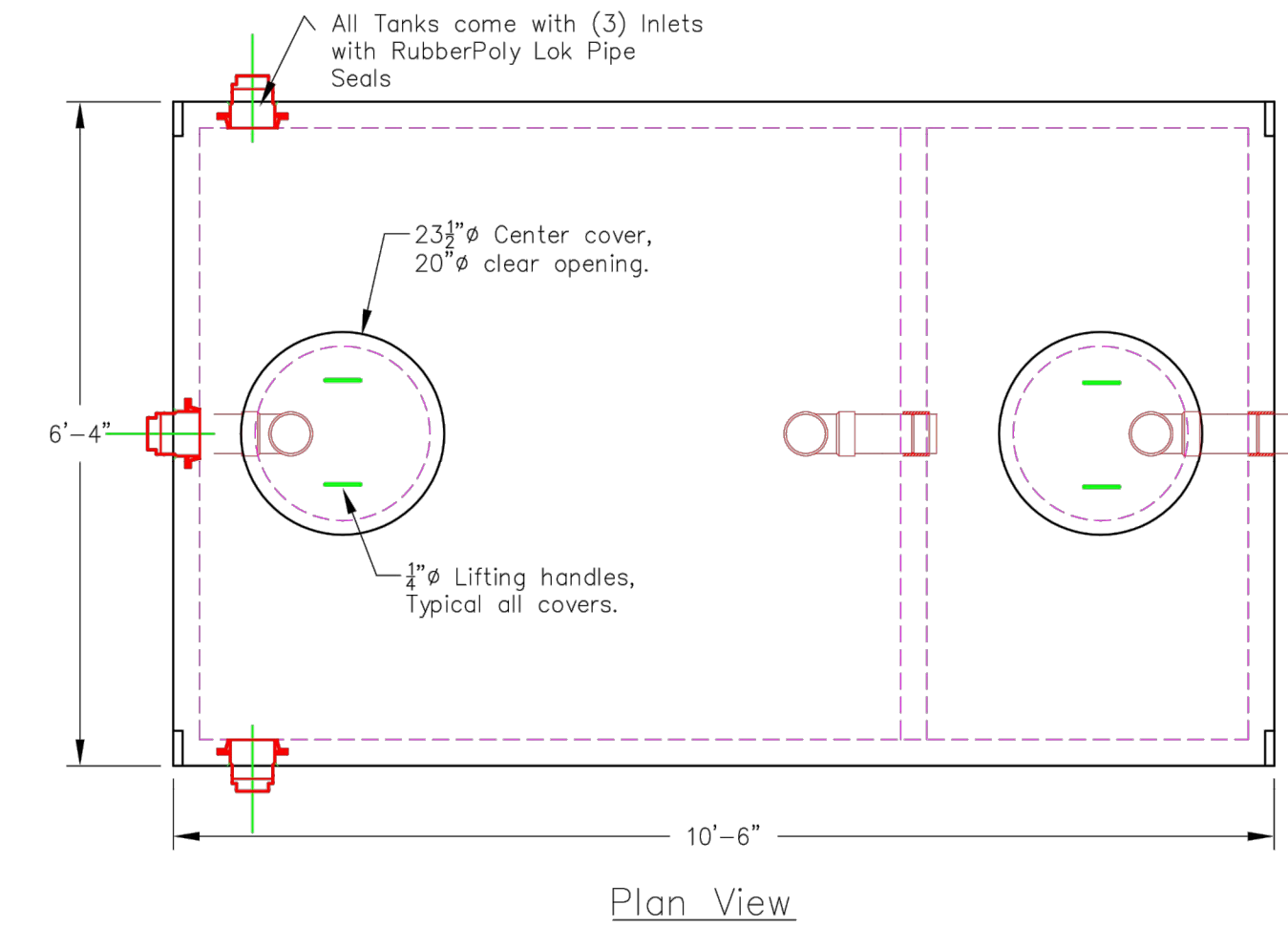
- NOTES:
- ALL WORK TO COMPLY WITH UTILITY COMPANY STANDARDS.
  - CONTRACTOR TO PROVIDE 1/2" POLYPROPYLENE PULL ROPES IN ALL CONDUITS.

**4 GAS OR ELECTRIC UTILITY TRENCH SECTION**  
NOT TO SCALE

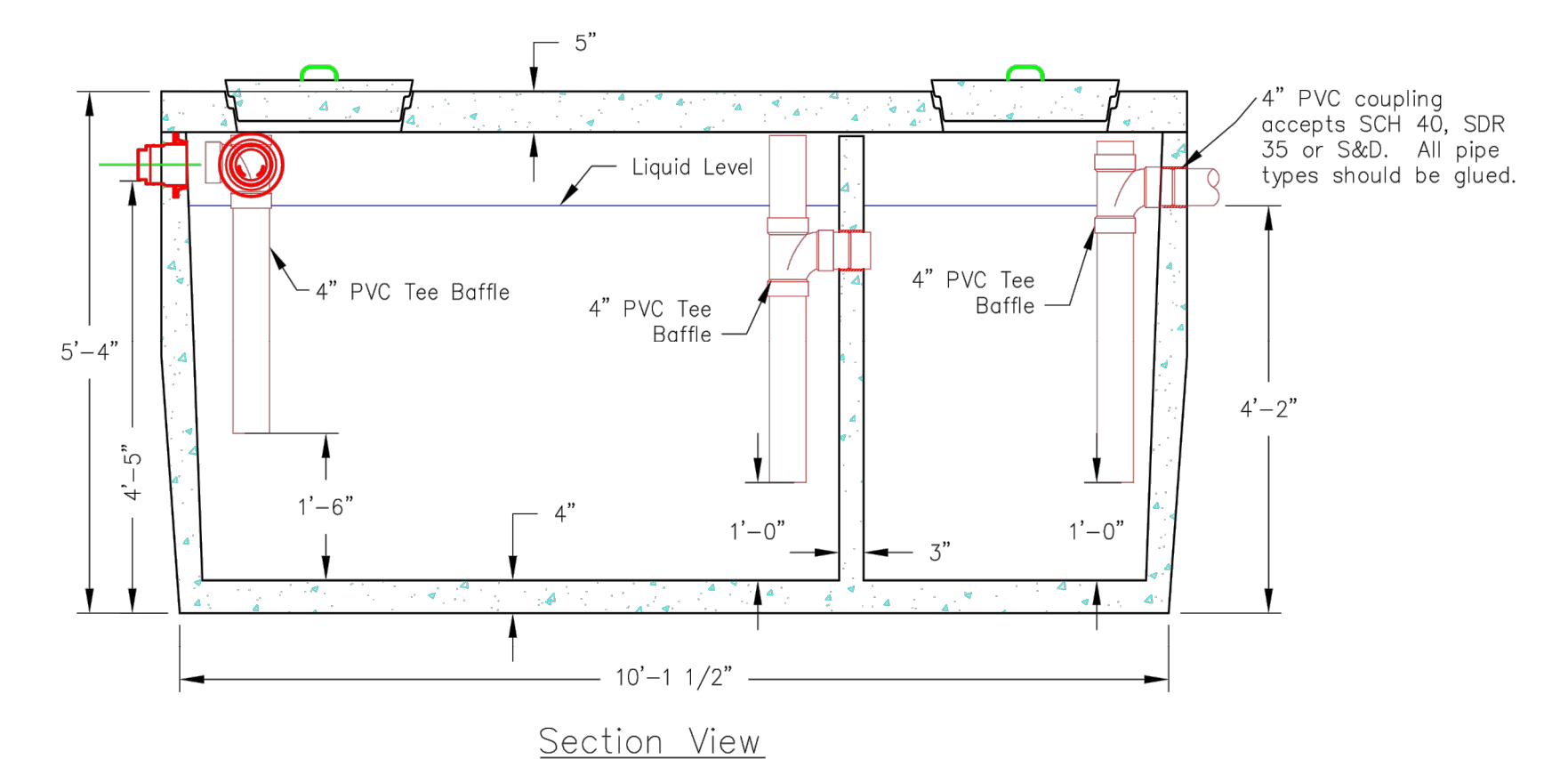


1. SAND BACKFILL AND RIGID INSULATION AS REQUIRED.

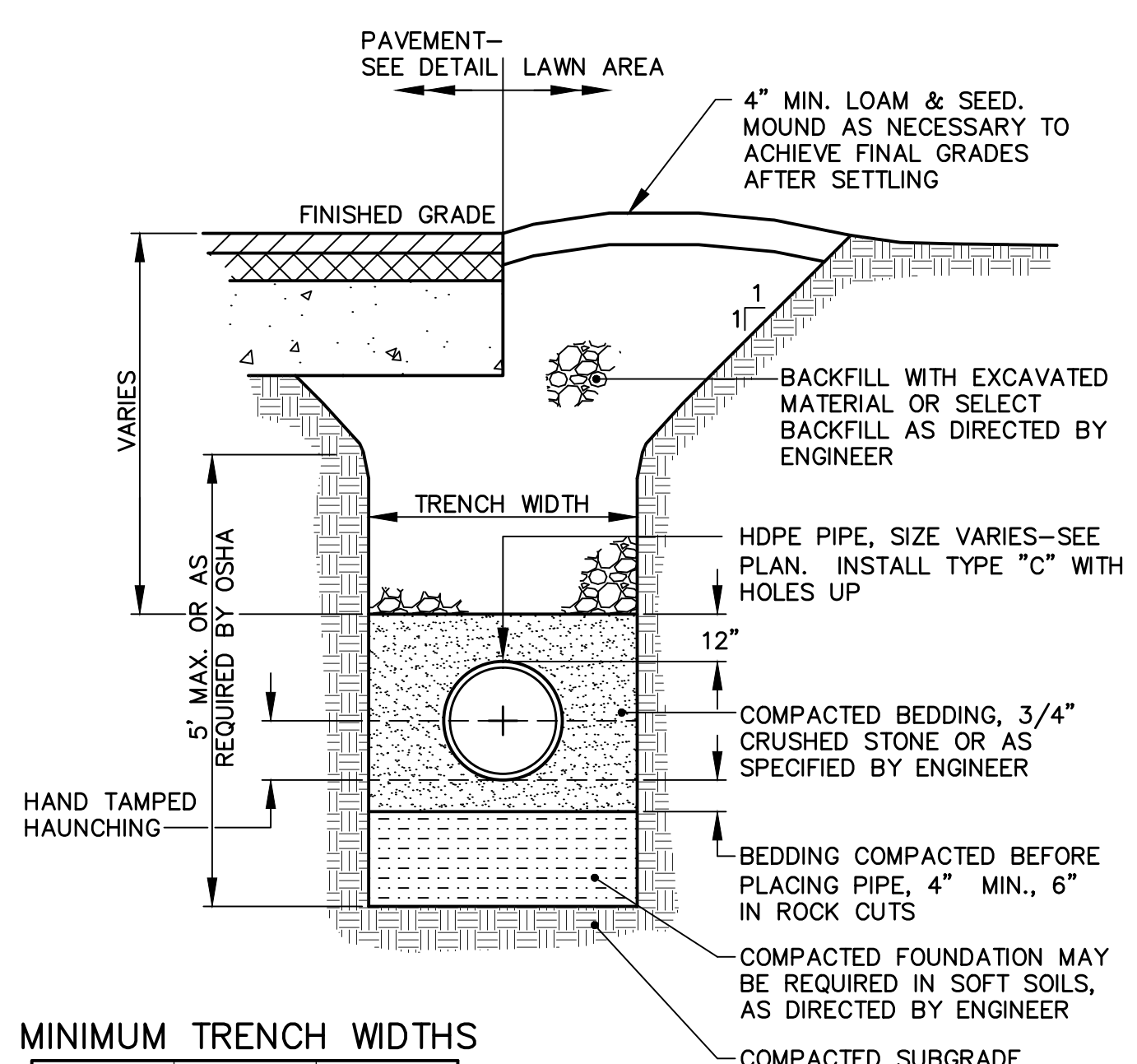
**5 WATER TRENCH SECTION**  
NOT TO SCALE



- General Notes:
- Concrete Specifications:
- 4000 psi @ 28 Days
  - 4%-6% Entrained Air
  - Tank Penetrations are integrally cast
  - All joints sealed with butyl rubber joint sealant
- Grease Trap Information:
- Tanks should be pumped as needed
  - Access covers should have risers to bring cover access to grade.
  - Tanks can be vacuum tested at an additional cost



**7 1,500 GALLON GREASE TRAP**  
NOT TO SCALE



**MINIMUM TRENCH WIDTHS**

PIPE DIA.	PIPE O.D.	TRENCH WIDTH
12"	14.45"	31"
15"	17.65"	34"
18"	21.10"	39"
24"	28.30"	48"
30"	36.10"	66"
36"	42.25"	78"
42"	47.00"	83"
48"	53.00"	89"
60"	66.30"	102"

- NOTES:
- WHERE TRENCHES PENETRATE DETENTION BASIN EMBANKMENTS OR OTHER SUCH SPECIAL SECTIONS, BACKFILL SHALL CONFORM TO THEIR REQUIREMENTS.
  - INSTALL WATER STOPS EVERY 100' OR AS NECESSARY TO PREVENT FINES FROM MIGRATING.
  - TRENCH WIDTH SHALL BE WIDE ENOUGH TO ACCOMMODATE COMPACTION EQUIPMENT.

**6 STORM/SANITARY PIPE TRENCH**  
NOT TO SCALE

Site: **PROPOSED AC HOTEL**  
FORE STREET / HANCOCK STREET / THAMES STREET PORTLAND, MAINE

Prepared for: **PORTLAND NORWICH GROUP, LLC**  
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**CONSTRUCTION DETAILS**

B	PRELIMINARY SUBMISSION	09/29/15
A	CLIENT REVIEW	09/15/15
No.	Revision/Issue	Date
Design by:	MPM	Checked by: SJB
Drawn by:	JAR	Approved by: SJB
Project:	150.06094	Date: AUGUST 2015
Sheet No:	<b>C2.0</b>	

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