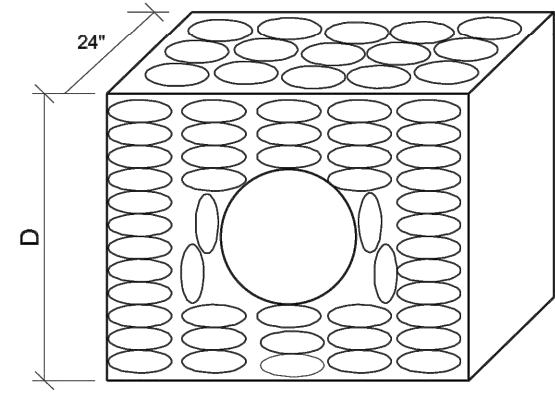


REQUIRED SPACING AND MATERIALS FOR TRENCH PLUGS		
TRENCH SLOPE (%)	SPACING (FT)	PLUG MATERIAL
≤ 5	*	*
5-15	500	** EARTH FILLED SACKS
15-25	300	** EARTH FILLED SACKS
25-35	200	** EARTH FILLED SACKS
35-100	100	** EARTH FILLED SACKS
> 100	50	CEMENT FILLED BAGS (WETTED) OR MORTARED STONE

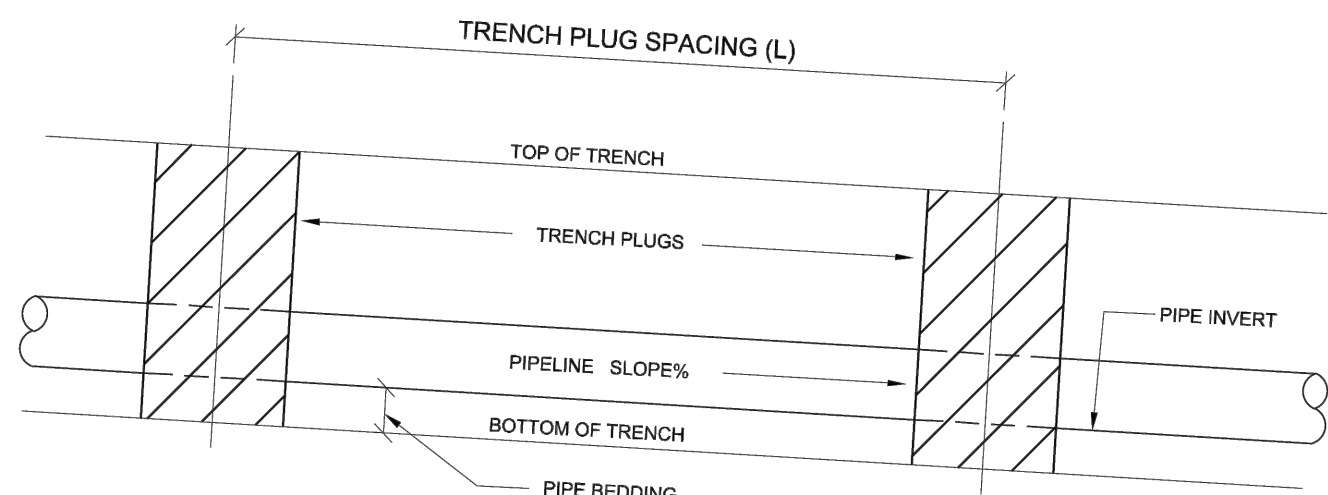
\* TRENCH PLUGS ARE REQUIRED AT ALL STREAM, RIVER, OR WATER-BODY CROSSINGS REGARDLESS OF TRENCH SLOPE. OTHERWISE NOT REQUIRED.

\*\* TOPSOIL MAY NOT BE USED TO FILL SACKS.



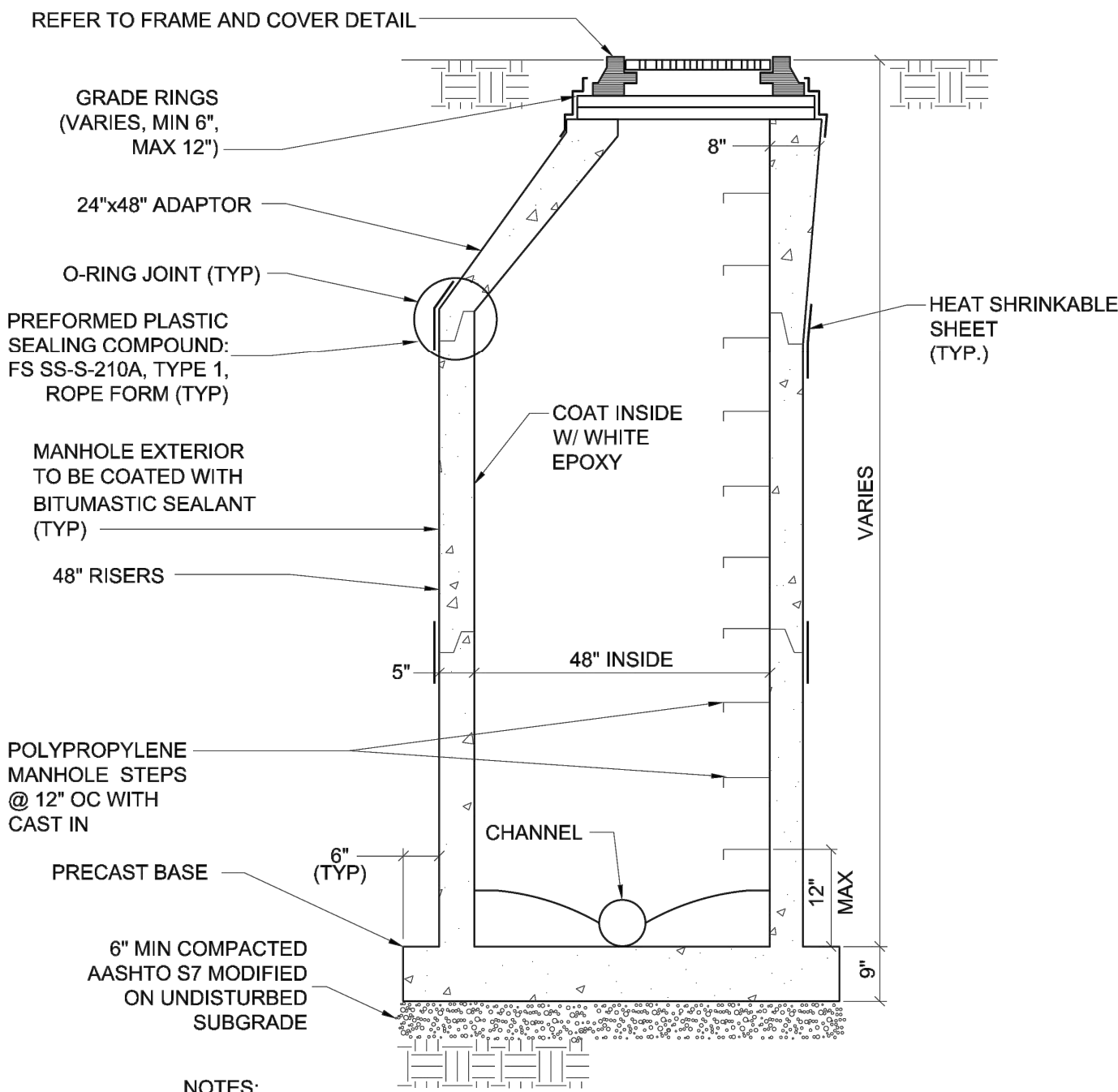
D = DEPTH TO BOTTOM OF TRENCH

SECTION VIEW



TRENCH PLUG DETAIL

SCALE: NONE

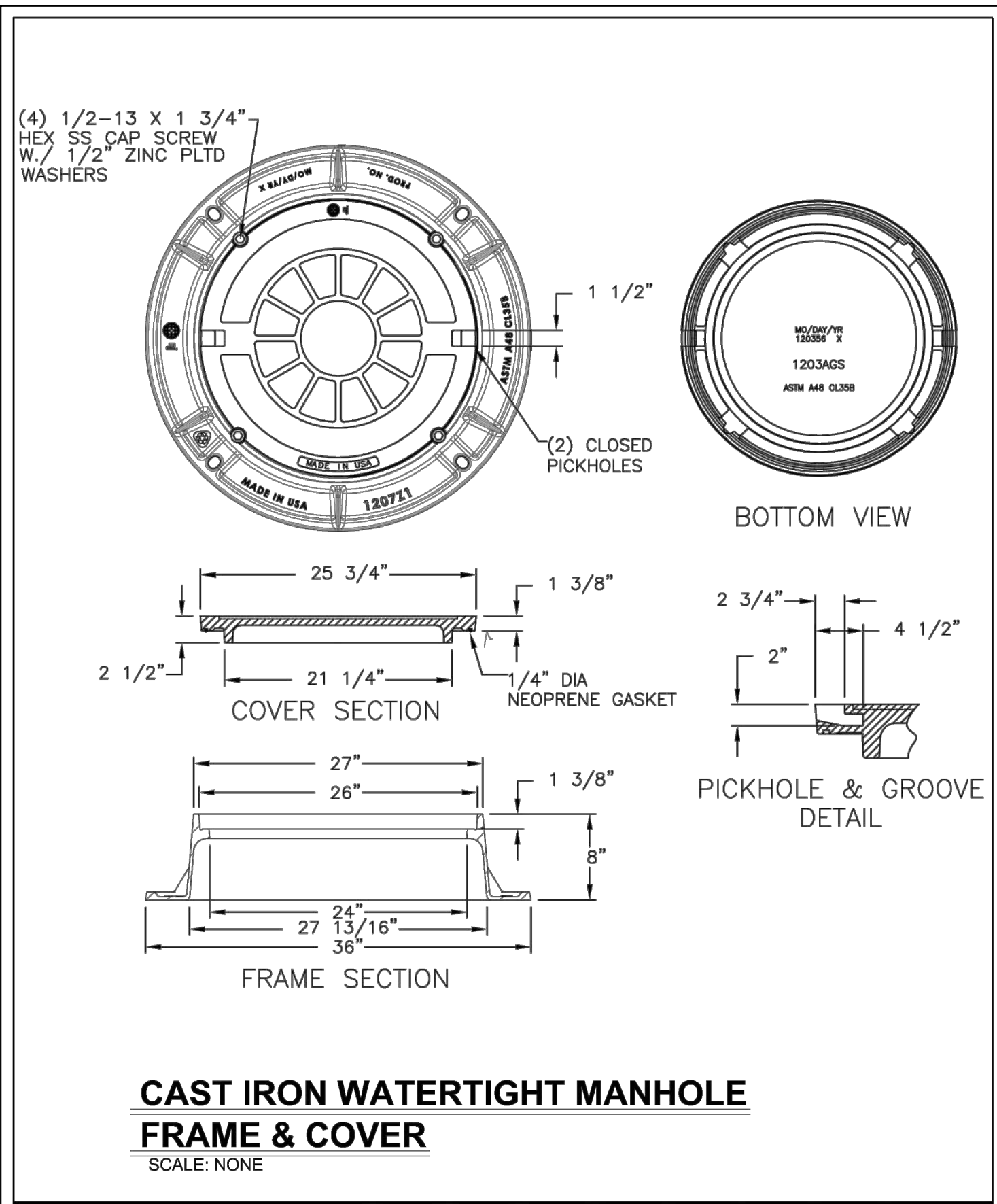


NOTES:

1. ALL PIPE TO MANHOLE CONNECTIONS SHALL BE MADE WITH A CAST-IN-PLACE GASKET, (TYP) (A-LOK OR APPROVED EQUAL)
2. MANHOLES EXCEEDING A DEPTH OF 16 FEET SHALL PROVIDE PRE-CAST LANDING PLATFORM. PROVIDE DESIGN CALCULATIONS FOR MANHOLES EXCEEDING 20-FOOT DEPTH.

TYPICAL MANHOLE DETAIL

SCALE: NONE



07/31/23	LVMA COMMENTS

RECORD REVISIONS



PROFESSIONAL'S SIGNATURE DATE

**UpStreet** ARCHITECTS, INC.  
541 PHILADELPHIA ST. INDIANA, PA 15701  
911 MENOHER BLVD. JOHNSTOWN, PA 15905

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF GENERAL SERVICES  
HARRISBURG, PENNSYLVANIA

D.G.S. PROJECT No.

**C-0588-0015 PHASE 1**

**LOYSVILLE YOUTH DEVELOPMENT CENTER- RENOVATIONS TO ZIMMERMAN-BINGAMAN (ZB) COTTAGE**  
DEPARTMENT OF HUMAN SERVICES  
LOYSVILLE, TYRONE TOWNSHIP, PERRY COUNTY, PA

CONSTRUCTION DETAILS SHEET

VERIFY SCALE

BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING:  
0 1

IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY

CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL.

DRAWN BY

DATE

27 JUNE 2023

CHECKED BY

SCALE

AS NOTED

SHEET No.

**C-004.1**