

Date: October 8, 2024

Project Owner: SMD 1/Town of Superior

Project: SMD1 Anaerobic Zones Project

Purpose: To Clarify and Modify Plans, Contract Documents, and Special Provisions of the Project

Message:

The following additions, corrections, modifications, and interpretations shall be incorporated into the plans, specifications, and contract documents for the above project and shall take complete precedence over anything therein contained to the contrary. All other provisions of the specifications, contract documents, and drawings shall remain unchanged.

Each and every bidder, subcontractor, and material supplier shall be responsible for reading each and every item in this addendum, to ascertain to what extent and in what manner it affects the work in which he is responsible.

Information Requests and Clarifications:

1. There is no known asbestos or lead upon testing the existing structure to be demolished.

Questions and Answers:

1. Please provide details for the new manholes identified on drawing C-2.

RESPONSE: *The new influent wastewater manhole and storm sewer manhole shall be in accordance with the Town of Superior Design Standards and Specifications. As such, this new influent wastewater manhole shall be 72" in lieu of the 60" called out on the plans. The storm sewer manhole shall be 60" in accordance with the Town Standards for a 24" storm sewer. The typical details are attached in this addendum. Additional requirements can be found on the Town of Superior Website:*

<https://www.superiorcolorado.gov/home/showpublisheddocument/18788/637390510026400000>

2. Please clarify what area hazard classification there will be in the new Anerobic Zones. Is this area classified and if so what is the envelope? 5ft beyond the tank walls?

RESPONSE: *Class 1 Division 2: Interior of the tank from the minimum operating water surface to the top of the tank wall. Envelope 18 inches above the top of the tank and extending 18 inches beyond the exterior wall, and envelope 18 inches above grade extending 10 feet horizontally from the exterior tank walls. The relocated solar system equipment shall be located outside of this envelope.*

Specifications:

Not Used

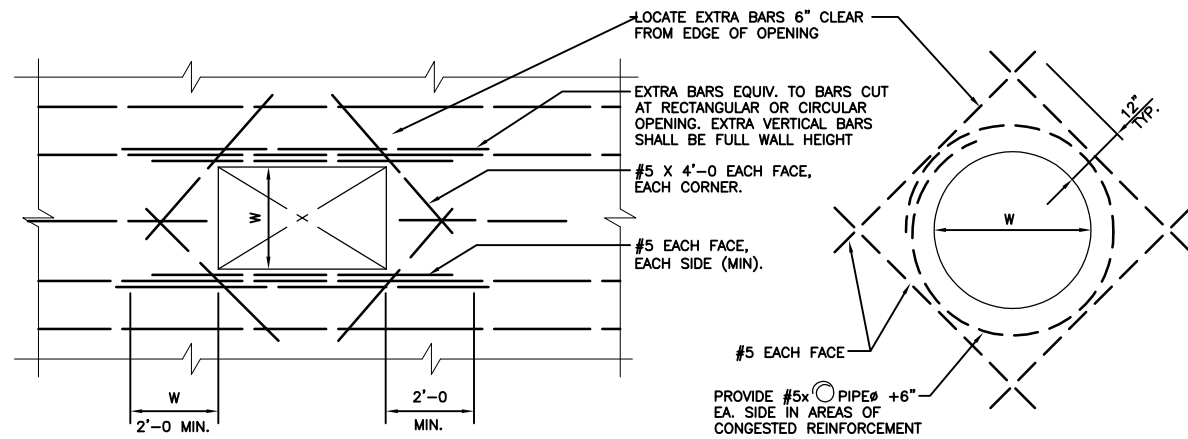
Drawings:

1. S-2 Standard Details: Equipment pad and typical guard/handrail provided.
2. 500-1: Town of Superior Standard Precast Concrete Manhole Detail
3. 600-1a and 600-2: Town of Superior Standard Storm Manhole Details

Attachments:

1. S-2
2. 500-1
3. 600-1a
4. 600-2

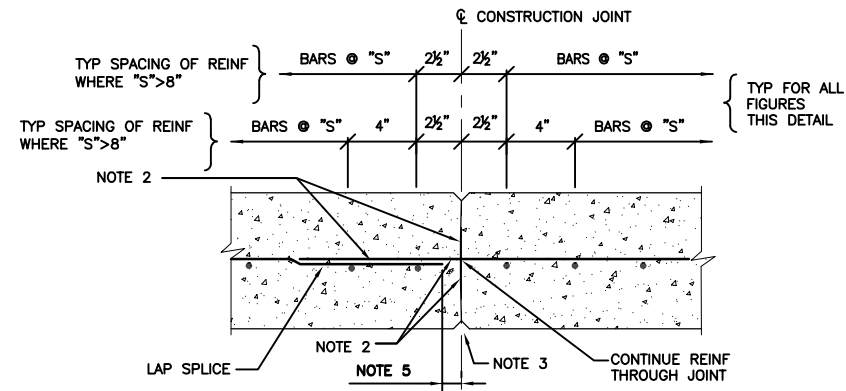
Acknowledgement of this Addendum is required in your solicitation response.



REINFORCEMENT AT SLAB AND WALL OPENINGS

- NOTES:
1. TRANSVERSE REINFORCEMENT NOT SPECIFIED, BUT SHALL BE TREATED IN SAME MANNER AS BARS SHOWN.
 2. W = DIMENSION OF OPENING PERPENDICULAR TO BARS CUT. W = DIAMETER FOR CIRCULAR OPENINGS. BAR PROJECTION BEYOND OPENING SHALL BE NO LESS THAN SPECIFIED LAP LENGTH.
 3. SUPPLEMENTARY REINFORCING MAY BE OMITTED ONLY WHERE OPENING REINFORCING IS NOT CUT.
 4. SUPPLEMENTARY REINFORCING IS NOT REQUIRED WHEN SPECIFIED

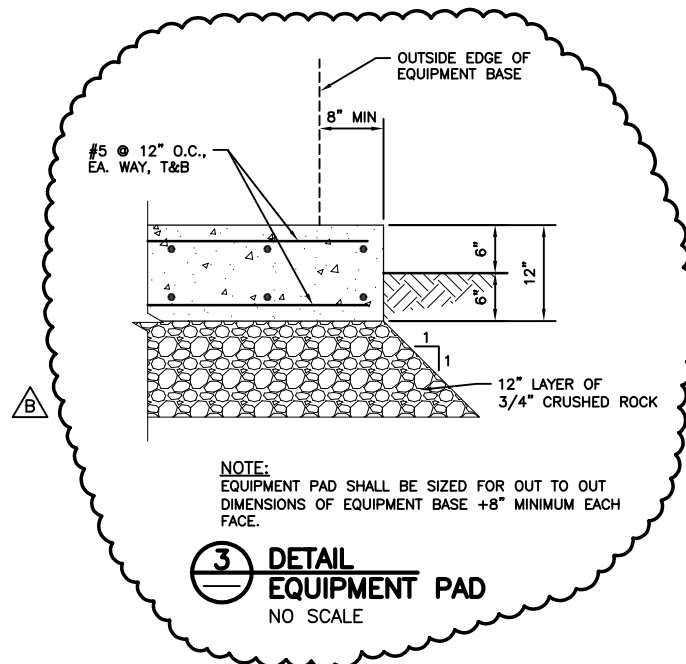
1 DETAIL REINFORCEMENT AT SLAB AND WALL OPENINGS NO SCALE



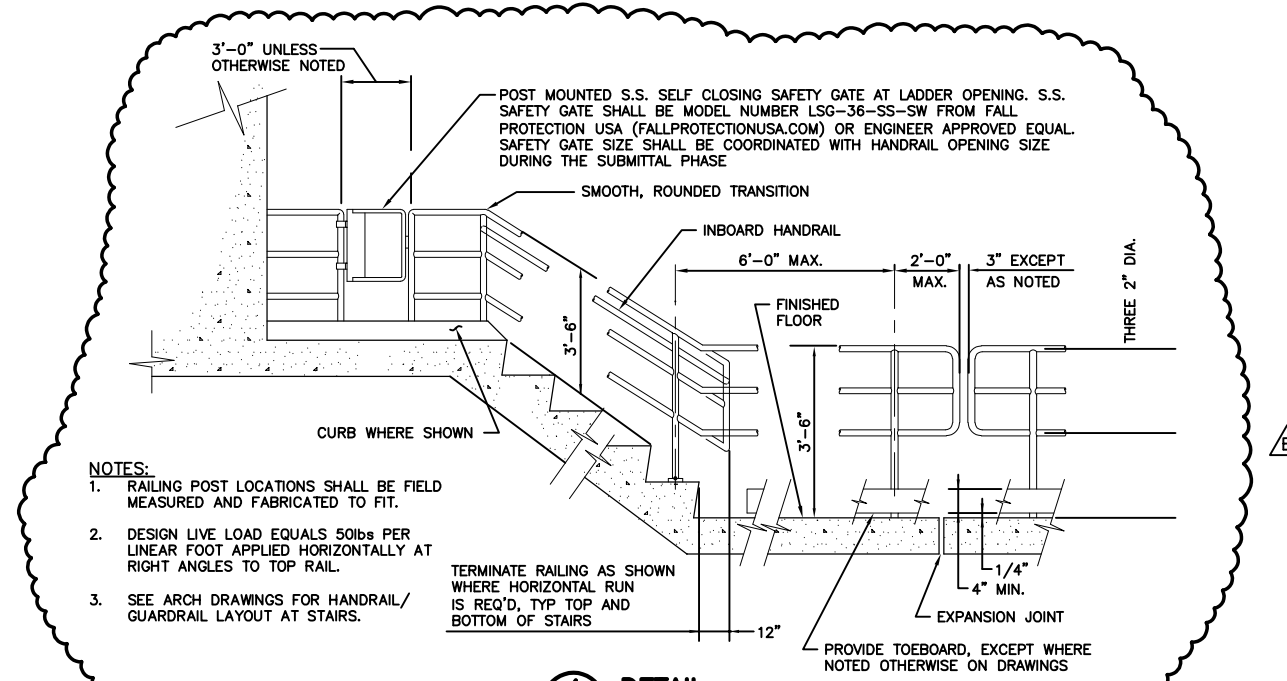
NOTES:

1. "S" EQUALS TYPICAL BAR SPACING INDICATED ON THE DRAWINGS. "T" EQUALS SLAB OR WALL THICKNESS.
2. ROUGHEN EXPOSED JOINT FACE TO A 1/4" AMPLITUDE AND PROJECTING REINFORCEMENT BEFORE PLACING CONCRETE.
3. JOINT EDGES:
A. FOR WALLS AND BOTTOMS OF EXPOSED SLABS: FORM EDGES WITH 1/2" CHAMFER.
B. FOR SLABS: EDGE TOP AND ENDS WITH 1/4" RADIUS.
4. 6" WATERSTOP CENTERED ON JOINT-SEE DETAIL 4/TYP. THOROUGHLY CLEAN CLEAN WATERSTOP BEFORE PLACING CONCRETE IN SECOND POUR.
5. STOP REINFORCING 2" CLEAR OF JOINT.

2 DETAIL CONSTRUCTION JOINTS NO SCALE



3 DETAIL EQUIPMENT PAD NO SCALE



4 DETAIL TYPE A GUARD/HANDRAIL NO SCALE

Dewberry
Dewberry Engineers Inc.
990 S. BROADWAY, SUITE 400
Denver, Colorado 80209
(303) 825-1802

LINE IS 2 INCHES AT FULL SIZE (IF NOT 2"-SCALE ACCORDINGLY)
DRAWING SPL61727-0002
DRAWN DS
DESIGNED MH
CHECKED MDS

APPROVED:
PRINCIPAL
DATE:

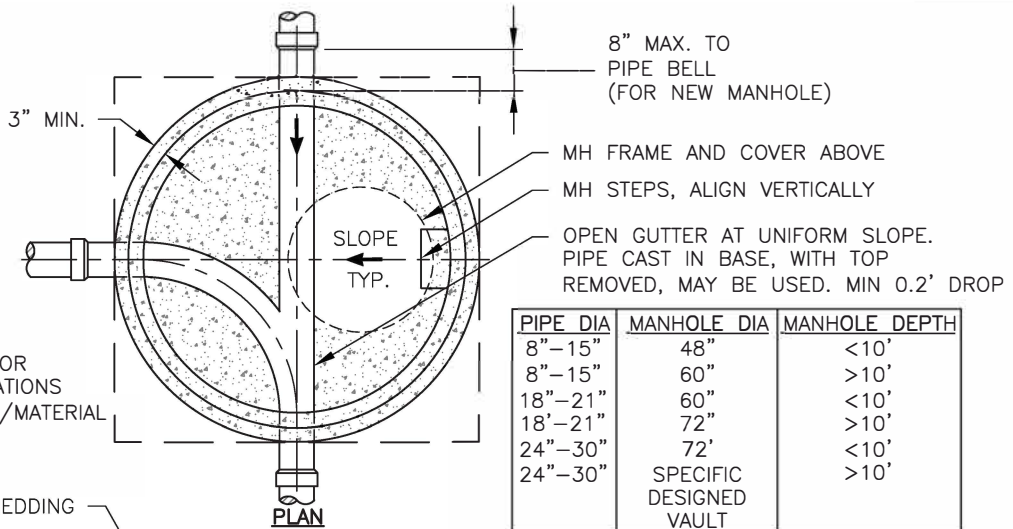
REVISIONS				
REV.	DESCRIPTION	BY	DATE	APP.
A	ISSUED FOR BID	DS	09/05/24	MH
B	ADDENDUM #3	JRA	10/08/24	MJH

SUPERIOR METROPOLITAN DISTRICT NO. 1
SUPERIOR, COLORADO

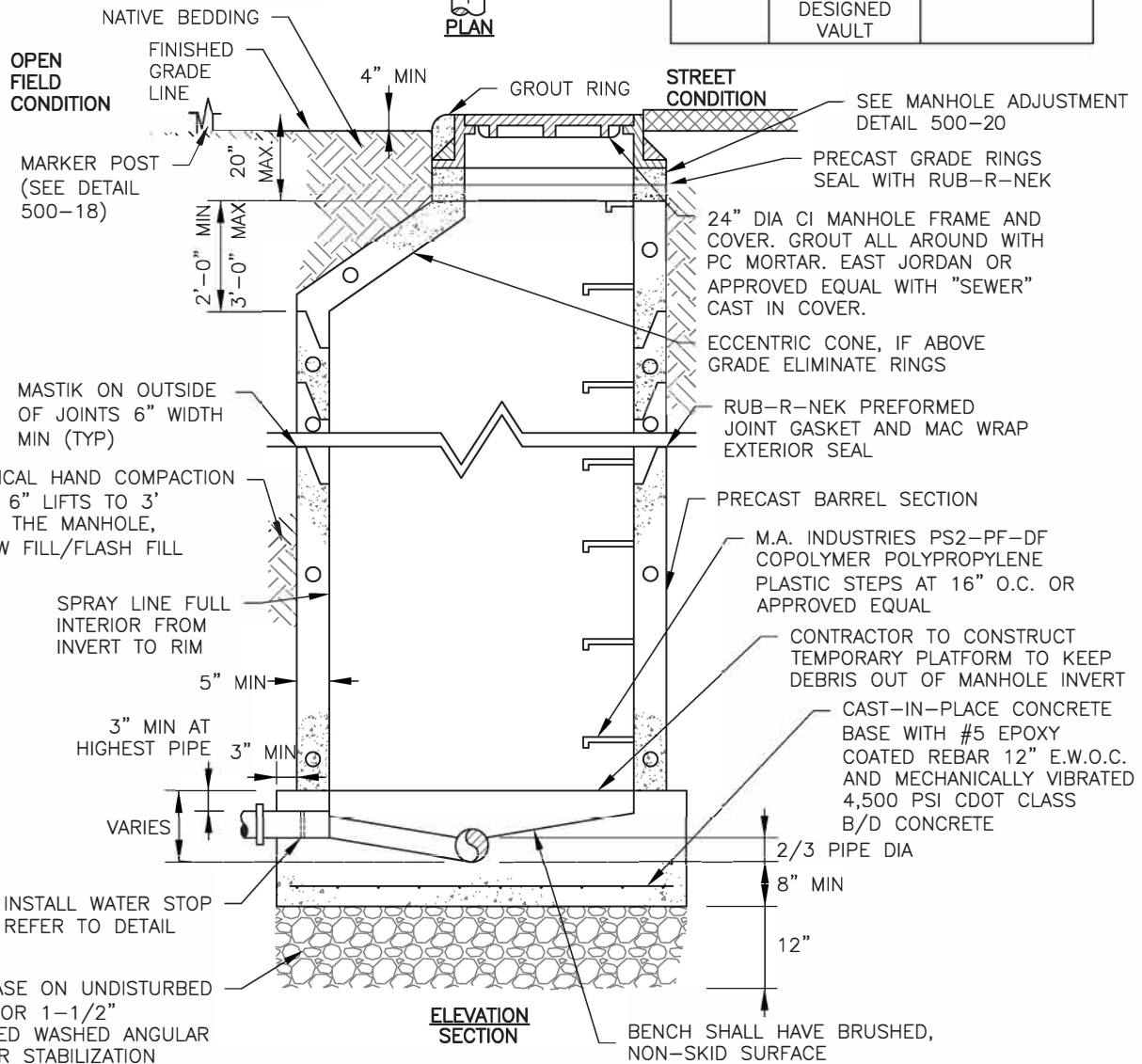
ROCK CREEK WWTF AERATION BASINS
ANAEROBIC ZONE EXPANSION

STRUCTURAL
STANDARD DETAILS

DATE: 09/02/24
PROJECT NUMBER: 50161727
REVISION NO. B
DRAWING NUMBER S-2



*SEE TOWN OF SUPERIOR STANDARDS AND SPECIFICATIONS SECTION 343.00 FOR BEDDING/MATERIAL



THESE DETAILS ARE PROVIDED FOR STANDARDIZATION PURPOSES ONLY. THIS DETAIL REPRESENTS MINIMUM DESIGN STANDARDS WHICH MAY REQUIRE UPGRADING FOR SPECIFIC APPLICATIONS.

N.T.S.

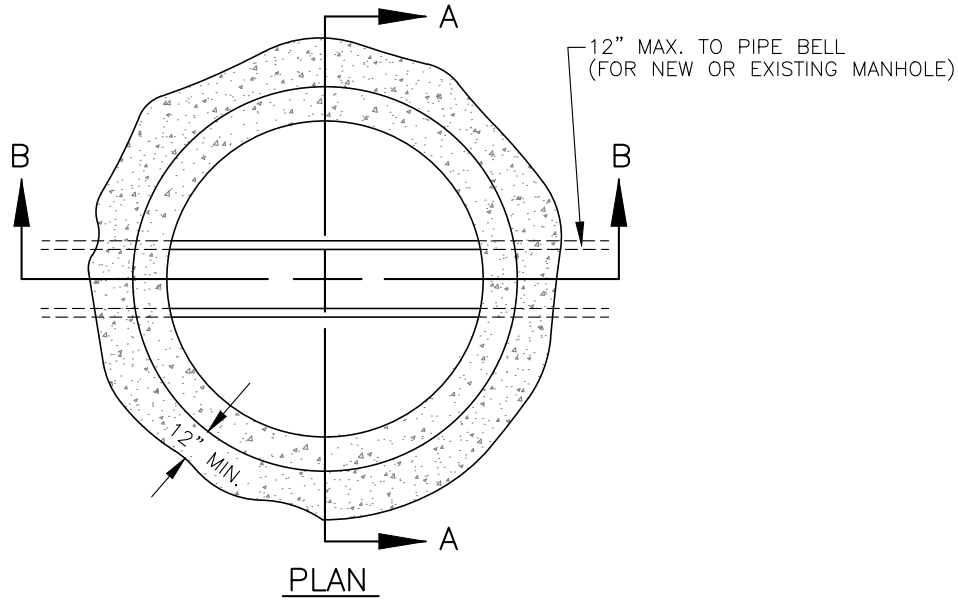


Gateway to Boulder Valley®

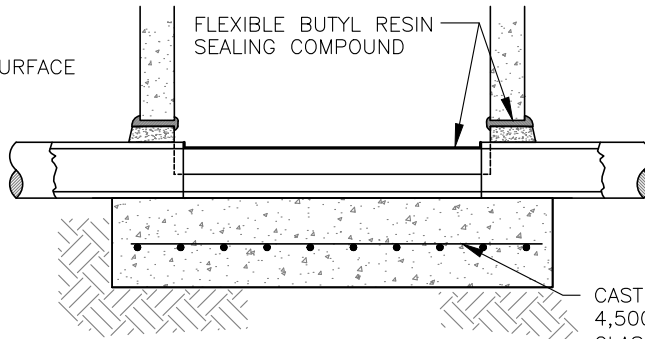
STANDARD PRECAST CONCRETE MANHOLE WITH CAST IN PLACE MANHOLE BASE

DATE: JANUARY 2019

SHEET 500-1

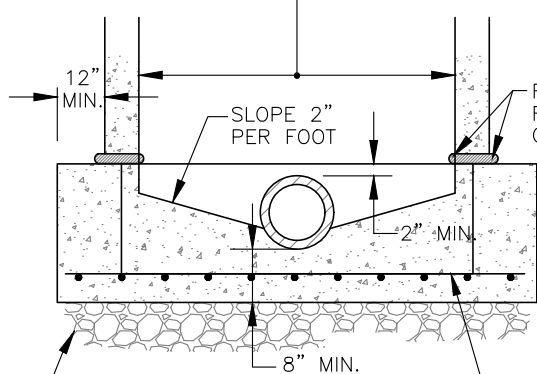


BENCH SHALL HAVE BRUSHED NON-SKID SURFACE



CAST-IN-PLACE
4,500 PSI CDOT
CLASS B/D CONCRETE
BASE WITH #5 EPOXY
COATED REBAR 12" O.C.E.W.

4'-0" DIA. (PIPE 15" AND SMALLER)
5'-0" DIA. (PIPE 18" THROUGH 27")
6'-0" DIA. (PIPE 30" THROUGH 36")



SECTION A-A

PLACE BASE ON UNDISTURBED
GROUND OR 3/4" NO. 67 CONC.
ROCK FOR STABILIZATION
#5 EPOXY COATED REBAR
12" O.C.E.W.

SECTION B-B

NOTES:

1. JOINTS TO BE SET IN FLEXIBLE BUTYL RESIN SEALING COMPOUND AND GROUTED WITH MORTAR INSIDE AND OUTSIDE.
2. BASES SHALL BE REINFORCED
3. SQUARE BASES ARE ACCEPTABLE.
4. FOR PIPE 36" AND LARGER, OR WHERE CONDITIONS SUCH AS MULTIPLE PIPES WARRANT, A CONCRETE BOX BASE WILL BE REQUIRED. (SEE CDOT STANDARD DRAWING M-604-20)
5. ALL BASES TO BE CAST-IN-PLACE
6. VIBRATE CONC. W/ MECH VIBRATOR. MANUAL VIBRATING NOT PERMITTED.

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N.T.S.



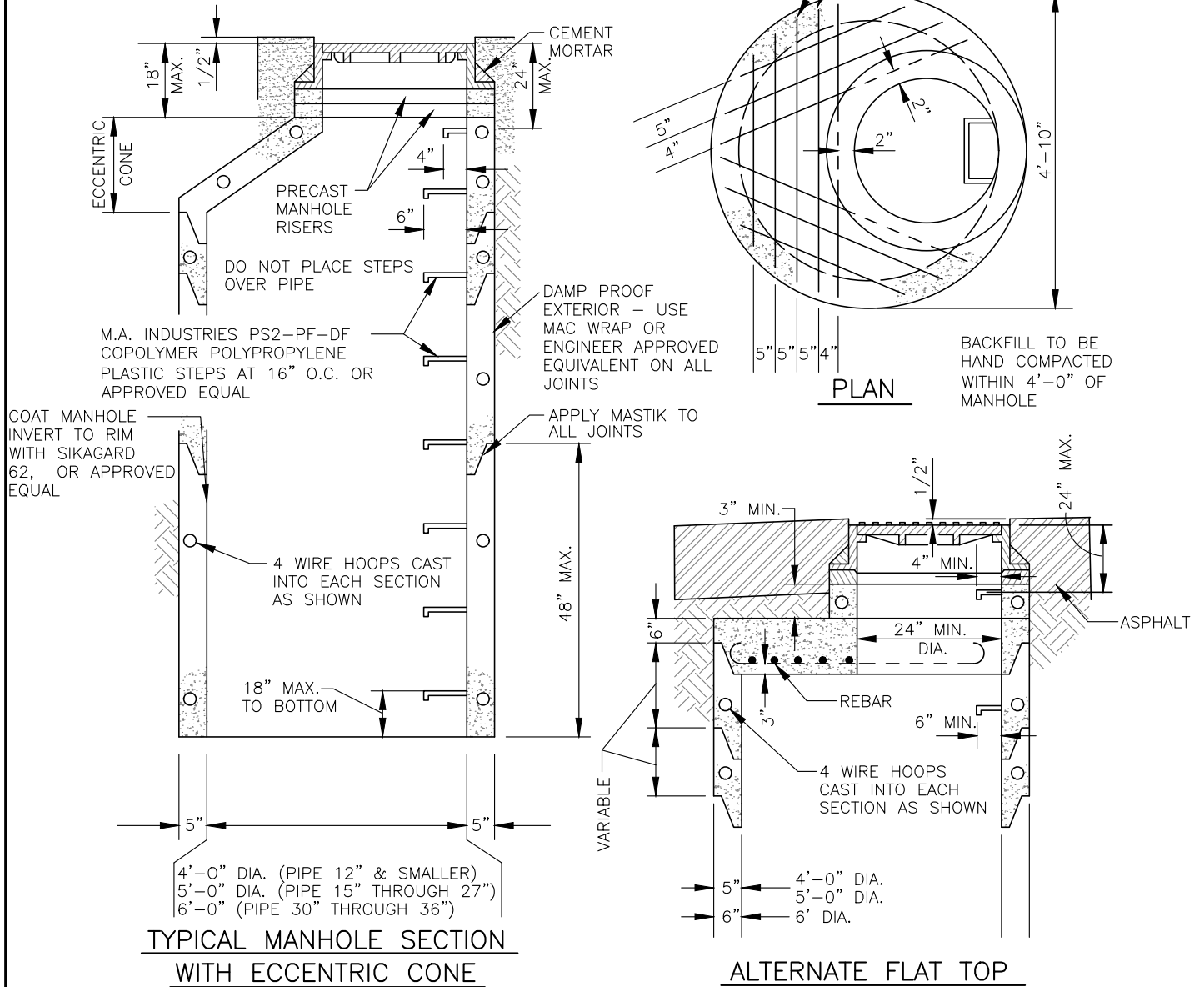
STANDARD STORM MANHOLE BASE

DATE: JANUARY 2019

SHEET 600-1a

NOTES:

1. ALL JOINTS TO BE SET IN FLEXIBLE BUTYL RESIN SEALING COMPOUND AND PLASTERED WITH MORTAR 5/8" THICK AND EXTENDING 4" EACH SIDE OF JOINT INSIDE AND OUTSIDE.
2. MORTAR ON RISER RINGS IS ACCEPTABLE.
3. MANHOLES INSTALLED OUTSIDE OF STREET RIGHT-OF-WAY SHALL HAVE LOCKING COVERS.
4. "STORM" TO BE IMPRINTED ON COVER. SEE DETAIL 600-6.



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N.T.S.



MANHOLE BARRELS AND ALTERNATE TOPS

DATE: JANUARY 2019

SHEET 600-2