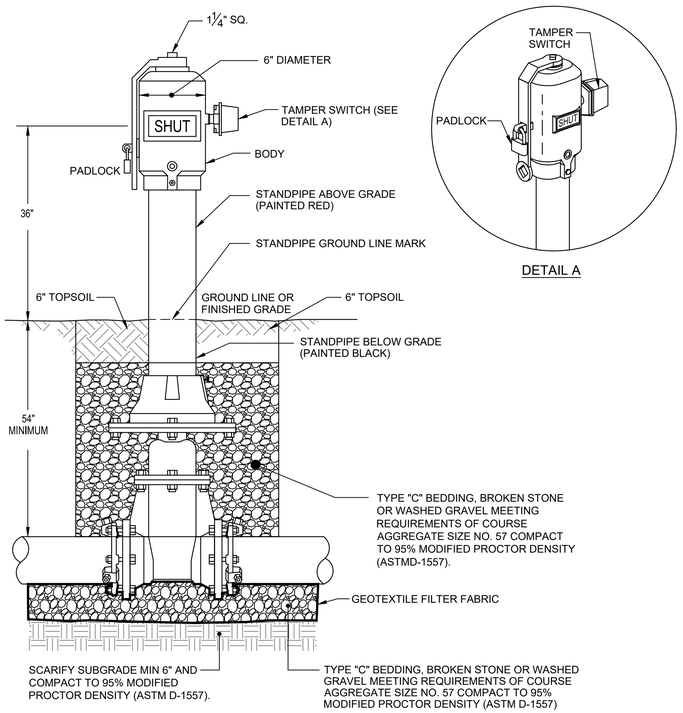
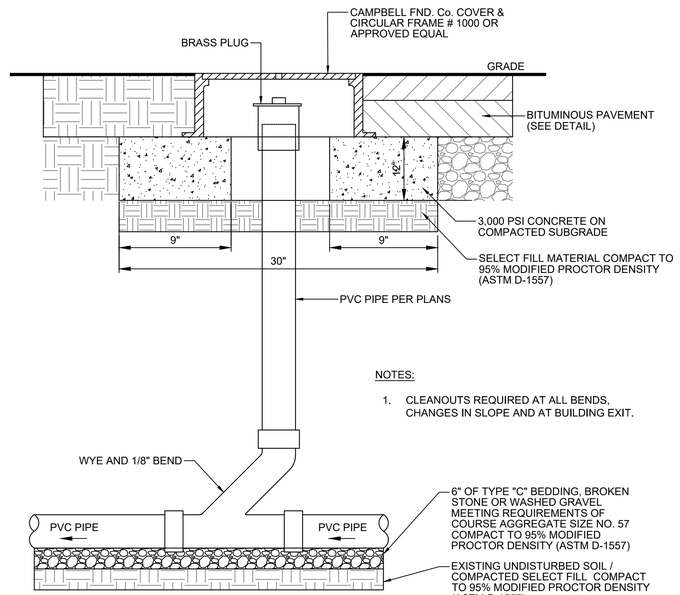


DETAIL A

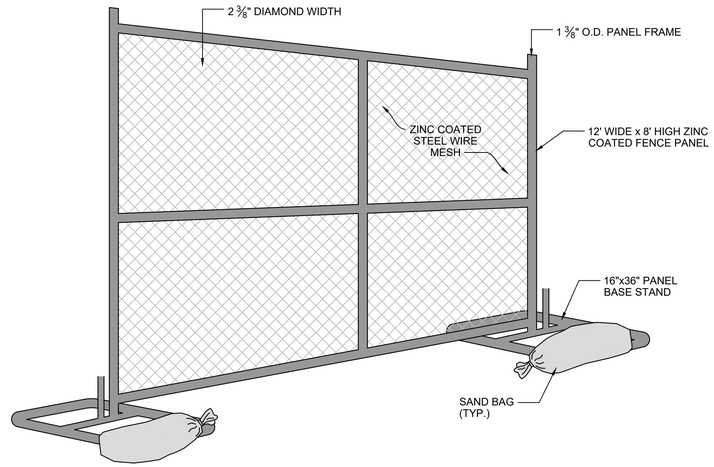
D2 POST INDICATOR VALVE
NOT TO SCALE



NOTES:

1. CLEANOUTS REQUIRED AT ALL BENDS, CHANGES IN SLOPE AND AT BUILDING EXIT.

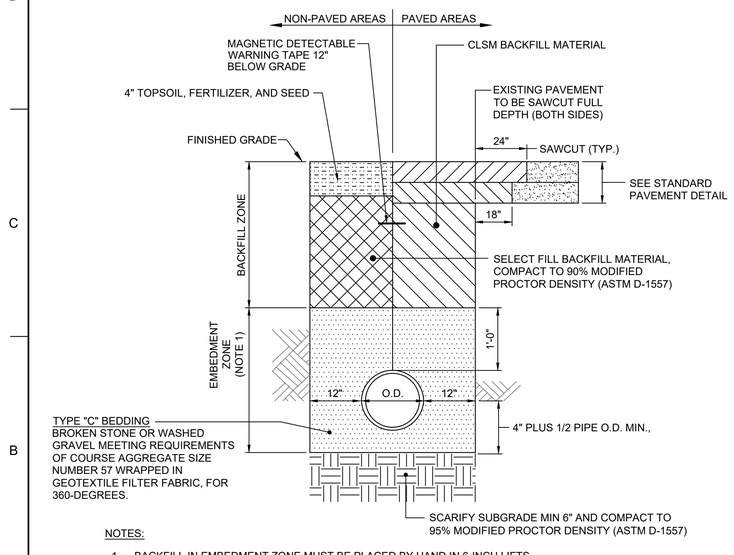
D5 STROM SEWER CLEANOUT DETAIL
NOT TO SCALE



NOTES:

1. ALL FENCE AND GATE MATERIALS AND ACCESSORIES MUST BE BLACK VINYL COATED.
2. CONFORMS TO THE REQUIREMENTS OF ASTM A-392 UNLESS OTHERWISE SPECIFIED.
3. CONTRACTOR MUST PROVIDE FENCE AND FENCE MATERIAL SHOP DRAWINGS AND WIND/SNOW LOAD CALCULATION PRIOR TO CONSTRUCTION.
4. ALL FENCE POST AND SYSTEM SUPPORT SIZES/SPACING TO BE FINALIZED BY THE FENCE MANUFACTURER AND SUBMITTED FOR REVIEW AND APPROVAL.
5. ADVERTISING MUST NOT BE PERMITTED ON TEMPORARY CONSTRUCTION FENCE FABRIC.
6. BLACK VINYL PRIVACY SLATS OR BLACK MESH PRIVACY SCREENING MUST BE INSTALLED.

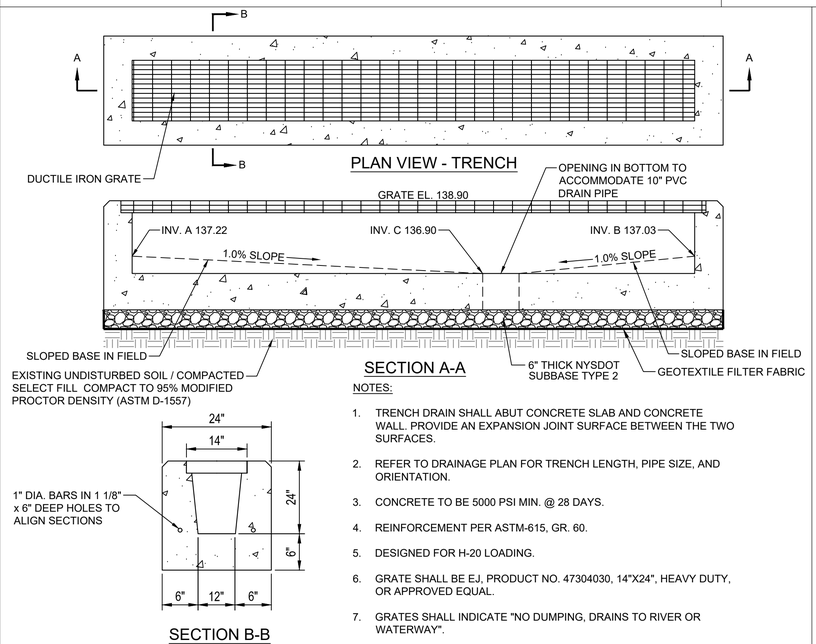
D8 8' HIGH TEMPORARY CONSTRUCTION FENCE DETAIL
NOT TO SCALE



NOTES:

1. BACKFILL IN EMBEDMENT ZONE MUST BE PLACED BY HAND IN 6-INCH LIFTS ON BOTH SIDES OF PIPE TO PREVENT DISPLACEMENT. COMPACT TO 95% MAX. DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.
2. ALL EXCAVATED MATERIAL MUST BE REMOVED FROM GOVERNMENT PROPERTY IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. ALL FILL MUST BE IMPORTED AS DIRECTED BY THE PROJECT SPECIFICATIONS.

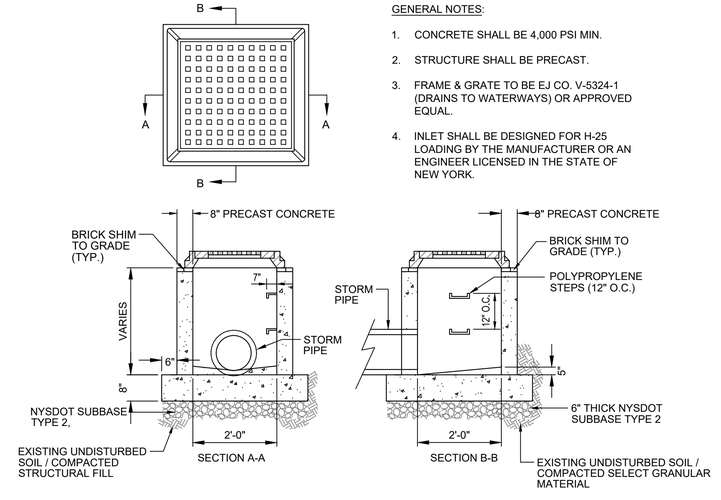
A2 UTILITY TRENCH AND BEDDING DETAIL (WATER SYSTEM, SANITARY SEWER SYSTEM, STORM SYSTEM)
NOT TO SCALE



NOTES:

1. TRENCH DRAIN SHALL ABUT CONCRETE SLAB AND CONCRETE WALL. PROVIDE AN EXPANSION JOINT SURFACE BETWEEN THE TWO SURFACES.
2. REFER TO DRAINAGE PLAN FOR TRENCH LENGTH, PIPE SIZE, AND ORIENTATION.
3. CONCRETE TO BE 5000 PSI MIN. @ 28 DAYS.
4. REINFORCEMENT PER ASTM-615, GR. 60.
5. DESIGNED FOR H-20 LOADING.
6. GRATE SHALL BE EJ, PRODUCT NO. 47304030, 14"X24", HEAVY DUTY, OR APPROVED EQUAL.
7. GRATES SHALL INDICATE "NO DUMPING, DRAINS TO RIVER OR WATERWAY".
8. STRUCTURE MUST BE REINFORCED PRECAST CONCRETE.
9. CONTRACTOR MUST SUBMIT SHOP DRAWINGS OF THE STRUCTURE AND FRAME/GRATE, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF NEW YORK.

A5 REINFORCED PRECAST CONCRETE TRENCH DRAIN DETAIL
NOT TO SCALE



A9 YARD 2 INLET DETAIL (2'X2')
NOT TO SCALE

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: 2/11/2021
SOLICITATION NO.: W912DS-19-R-0014
CONTRACT NO.: W912DS-19-C0031
PROJECT NO.: 20190494

DESIGNED BY: KM
DRAWN BY: DP
CHECKED BY: JK
SUBMITTED BY:
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NY

JACOBS / EWING COLE A Joint Venture

US ARMY
WEST POINT CULLUM HALL
WEST POINT, NEW YORK

CIVIL
CONSTRUCTION DETAILS

SHEET IDENTIFICATION
C-502

RTA SUBMISSION 2/11/2021