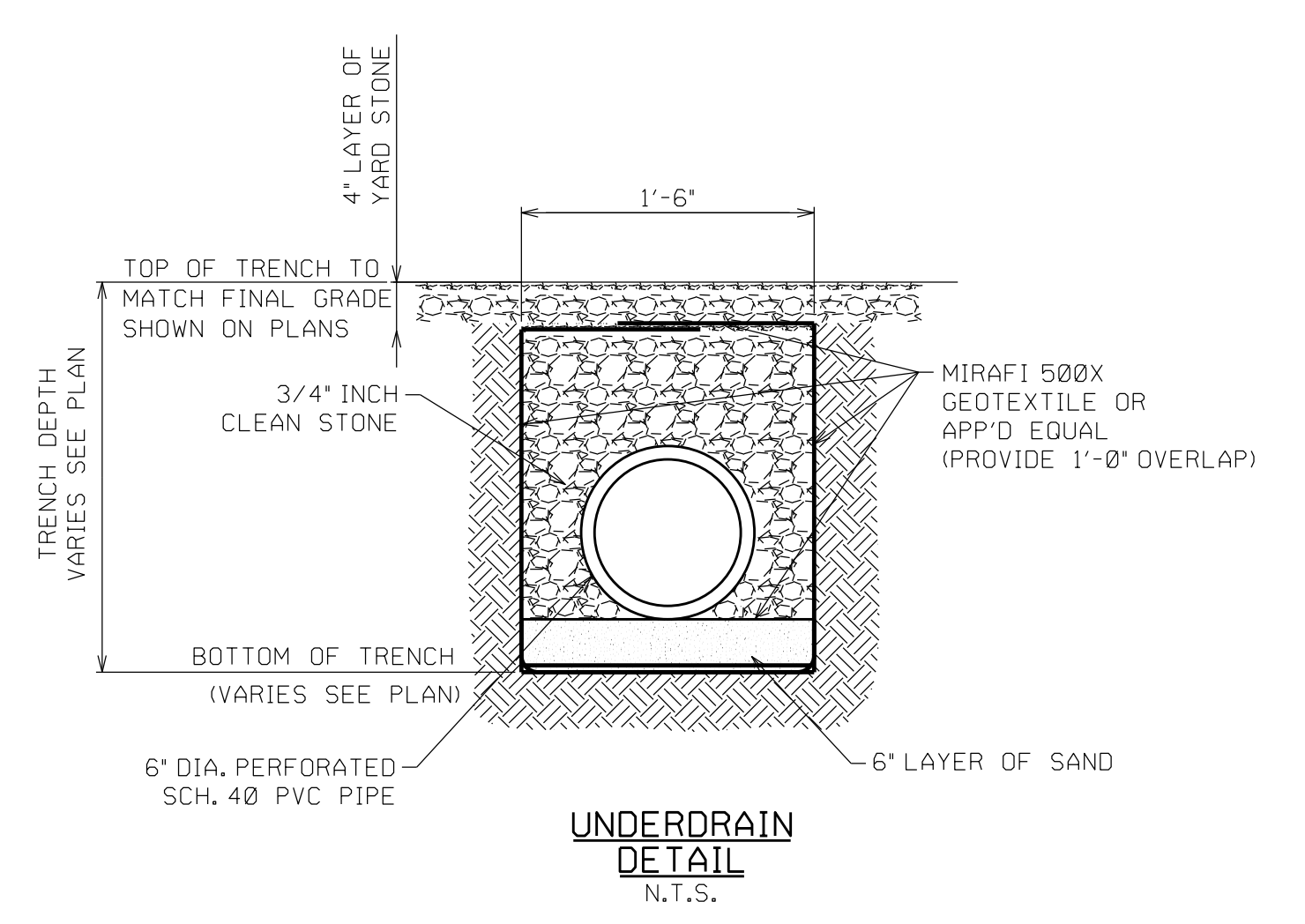
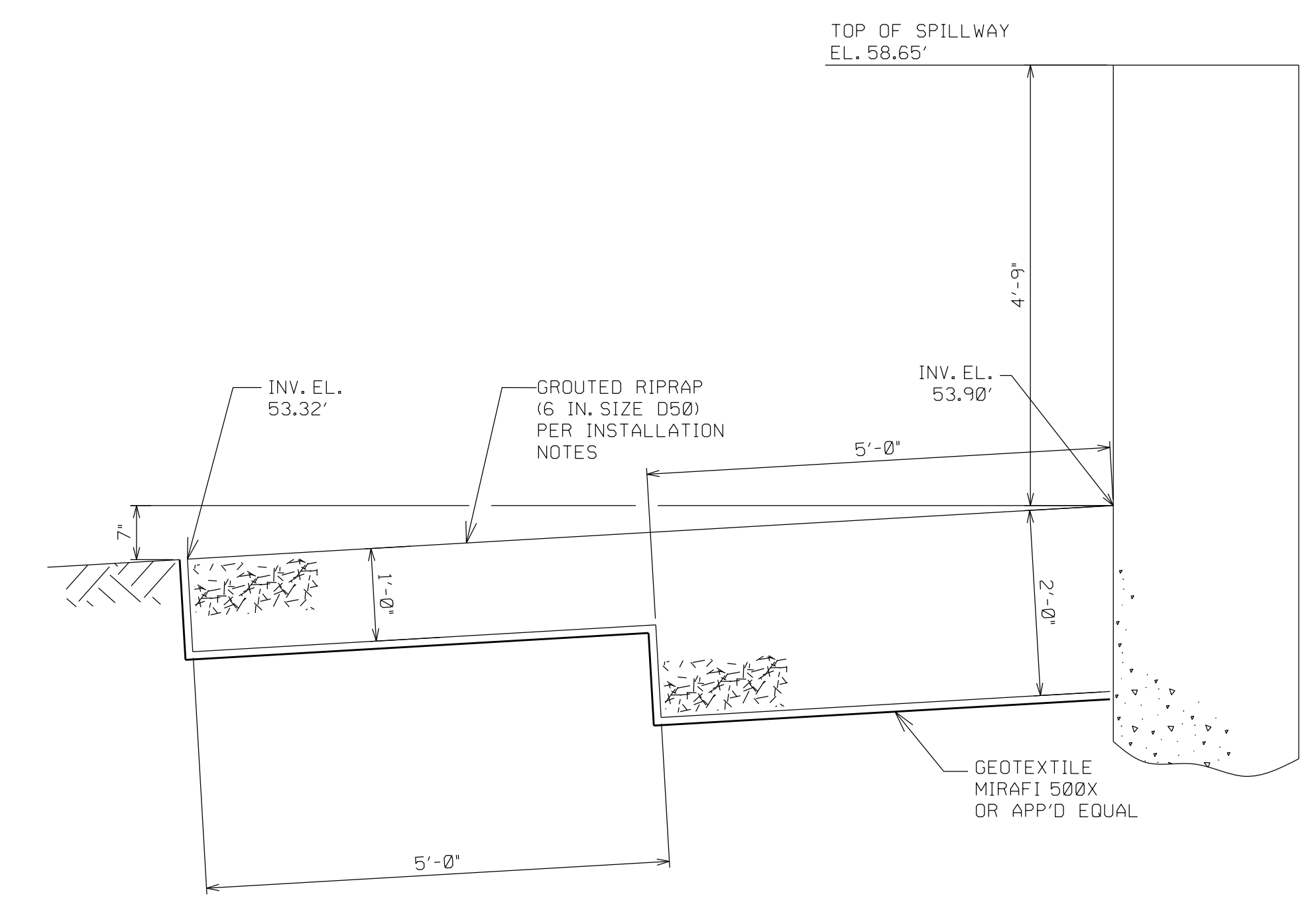


- NOTES:**
1. PRECAST INLET SHALL BE STANDARD PRECAST N.J.D.O.T. TYPE E INLET SECTIONS AND BE IN ACCORDANCE WITH PSE&G SPEC 13-CIVIL-06 PRECAST CONCRETE UNDERGROUND UTILITY, DRAINAGE & MISCELLANEOUS STRUCTURES.
 2. PRECAST INLETS SHALL BE CONSTRUCTED WITH CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI AT 28 DAYS.
 3. TRASH RACKS SHALL CONFORM TO N.J.A.C. 7:8-6.2.

OUTLET STRUCTURE DETAIL
(TYPE 'E' INLET)



- NOTE:**
1. DETAIL APPLIES TO STORM SEWER PIPES SD-1, SD-6, SD-8 AND SD-13 (SEE SCHEDULE ON DWG. 760764).



- INSTALLATION NOTES:**
1. BED THE BASE COURSE OF STONE WELL INTO THE GROUND WITH EDGES IN CONTACT WITH THE EXCAVATED BED LINED WITH FILTER FABRIC. ENSURE FILTER FABRIC HAS A MINIMUM OVERLAP OF 2 FEET AND IS SECURED WITH NAILS (2 INCH LONG WITH WASHERS) OR PINS (U-SHAPED WITH 9 INCH LEGS).
 2. BED AND PLACE EACH SUCCEEDING COURSE IN EVEN CONTACT WITH THE PRECEDING COURSE USING SPALLS AND SMALL STONES TO FILL ANY OPEN JOINTS AND VOIDS IN THE RIPRAP.
 3. ENSURE THE FINISHED SURFACE PRESENTS AN EVEN, TIGHT SURFACE, TRUE TO THE LINE AND GRADES OF THE TYPICAL SECTIONS.
 4. PREVENT EARTH, SAND OR FOREIGN MATERIAL FROM FILLING THE SPACES BETWEEN STONES.
 5. AFTER STONES ARE IN PLACE; WET THEM THOROUGHLY, FILL THE SPACES BETWEEN THEM WITH GROUT AND PACK.
 6. SWEEP THE SURFACE WITH A STIFF BROOM AFTER GROUTING.
 7. GROUT SHALL MEET THE REQUIREMENTS OF ASTM C150 OR ASTM C595 FOR HYDRAULIC CEMENT AND BE PROVIDED WITH A CONSISTENCY THAT WILL FLOW INTO AND FILL ALL VOIDS.
 8. DO NOT PLACE GROUT WHEN AIR TEMPERATURE IS BELOW 35 DEGREES F AND PROTECT FROM RAPID DRYING FOR AT LEAST 3 DAYS AFTER PLACEMENT.

REV	DATE	DESCRIPTION	BY	GP	MP
0	04-10-20	COMMENTS INCORPORATED	NP	GP	MP
1	03-25-20	COMMENTS INCORPORATED	TAI	GP	MP
2	03-26-20	COMMENTS INCORPORATED	NP	GP	MP
3	02-20-20	COMMENTS INCORPORATED	NP	GP	MP

SYSTEM CODE: Z140
AREA ELEV.: 6422
GENERAL NOTES:
USE PRINTS OF LATEST REVISION ONLY.
DO NOT SCALE - USE DIMENSIONS ONLY.
FOR LIST OF REFERENCE DRAWINGS SEE DRAWING NO 760764
THIS DRAWING SUPERSEDES NONE
THIS DRAWING IS SHEET NO 1 OF 1 SHEETS.

EUGENE R. PORZIO
N.J. PROFESSIONAL ENGINEER
LIC. NO. 34431
C.O.A. 24GA27971100

NO	DATE	DESCRIPTION	DNW	CKD	EXD	APD

REVISION

LAWNSIDE SUBSTATION
69/13KV SUBSTATION
DRAINAGE DETAILS

DETAILS SHEET 2 CIVIL

PSE&G
PUBLIC SERVICE ELECTRIC AND GAS COMPANY
ELECTRIC DELIVERY COMPANY - ASSET RELIABILITY, NEWARK, N.J.

DRAWN: J. J. J. CHECKED: G. PORZIO SCALE: 3/4" = 1'-0"
DATE: 2/24/20 EXAMINED: _____
WBS/SD: E-920021-0311-21 APPROVED: _____

760766 A -0