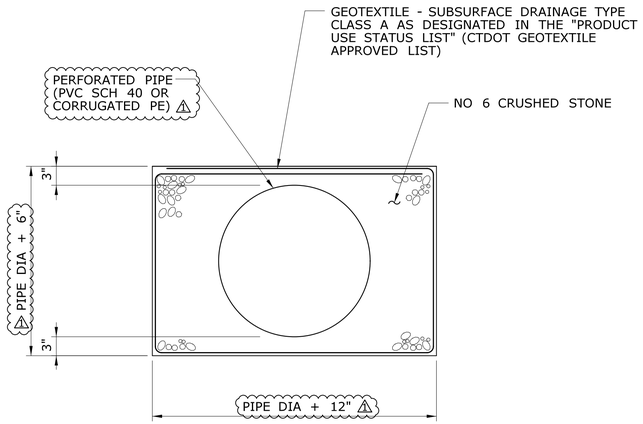
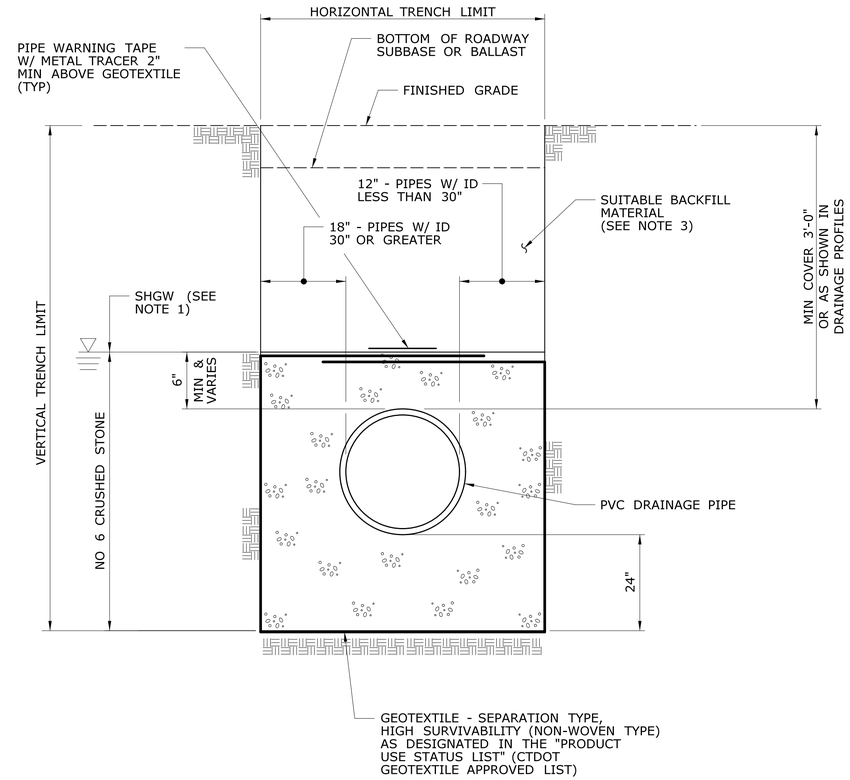


NOTES:

1. UNDERDRAINS SHALL BE INSTALLED AT OR ABOVE SEASONAL HIGH GROUND WATER ELEV 5.0.
2. REFER TO DWG NOS CGR-002, CGR-003, UTD-002, UTD-003, AND UTD-004 FOR UNDERDRAIN PLAN LOCATIONS.

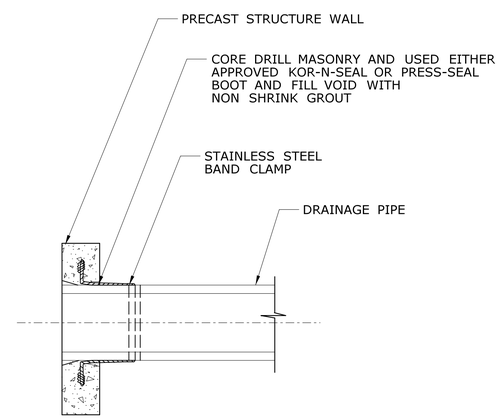
1 **12" AND 24" UNDERDRAIN**



NOTES:

1. PLACE NO 6 CRUSHED STONE TO SEASONAL HIGH GROUND WATER ELEV 5.0.
2. SEE DEWATERING SPECIAL PROVISIONS FOR DEWATERING REQUIREMENTS.
3. SUITABLE BACKFILL MATERIAL SHALL BE ANY SUITABLE MATERIAL EXCAVATED FROM THE RESPECTIVE TRENCH. COMPACTED GRANULAR FILL SHALL BE USED IN THE ABSENCE OF SUITABLE BACKFILL MATERIAL AS DIRECTED BY THE ENGINEER.
4. PLACE CLASS "C" CONCRETE WATERSTOP FULL WIDTH OF TRENCH FROM BOTTOM OF TRENCH TO 12" ABOVE PIPE AT THE MIDPOINT OF EACH RUN THAT IS GREATER THAN 100' BETWEEN STRUCTURES OR AS DIRECTED BY THE ENGINEER. A MINIMUM WIDTH OF 6" IS REQUIRED FOR EACH WATERSTOP. WATERSTOPS ARE NOT REQUIRED FOR RUNS LESS THAN 100' BETWEEN STRUCTURES. COST TO BE INCLUDED IN THE COST OF THE PIPE. REFER TO SPECIFICATIONS.

TYPICAL STORM DRAIN PIPE TRENCH



NOTES:

1. PVC PIPE CONNECTING TO STRUCTURE SHALL BE PROVIDED WITH A STRUCTURE ADAPTER COMPLETE WITH GASKET AND APPROVED BY THE ENGINEER.
2. ALL WORK TO BE PAID FOR UNDER THE ITEM "CONNECTION TO EXISTING MANHOLE AND/OR CATCH BASIN".

CONNECT DRAINAGE PIPE TO EXISTING STRUCTURE

Digitally signed by Anthony A Moretti
Date: 2019.03.13 10:14:26-04'00'

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	03/08/19	REVISED UNDERDRAIN DETAIL	09.022.A2

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 3/13/2019

DESIGNER/DRAFTER: JLW
CHECKED BY: WPD
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\UTD-300_A2_CNS_SHEET_0300-0138.dgn

WSP USA Inc.
GLASTONBURY, CT

PROJECT TITLE:
NEW HAVEN RAIL YARD FACILITIES IMPROVEMENTS WEST END YARD

TOWN: **NEW HAVEN**

DRAWING TITLE: **DRAINAGE MISCELLANEOUS DETAILS**

PROJECT NO. **0300-0138**
DRAWING NO. **UTD-300**
SHEET NO. **09.022.A2**