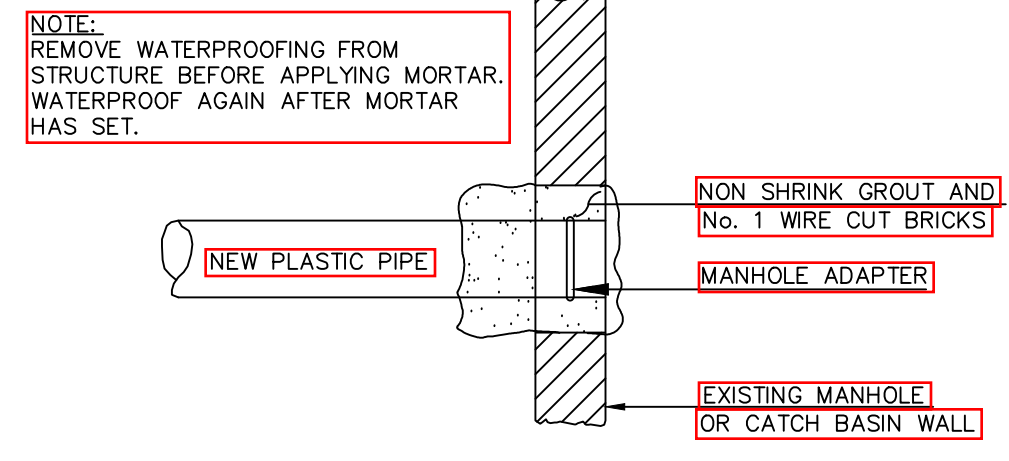


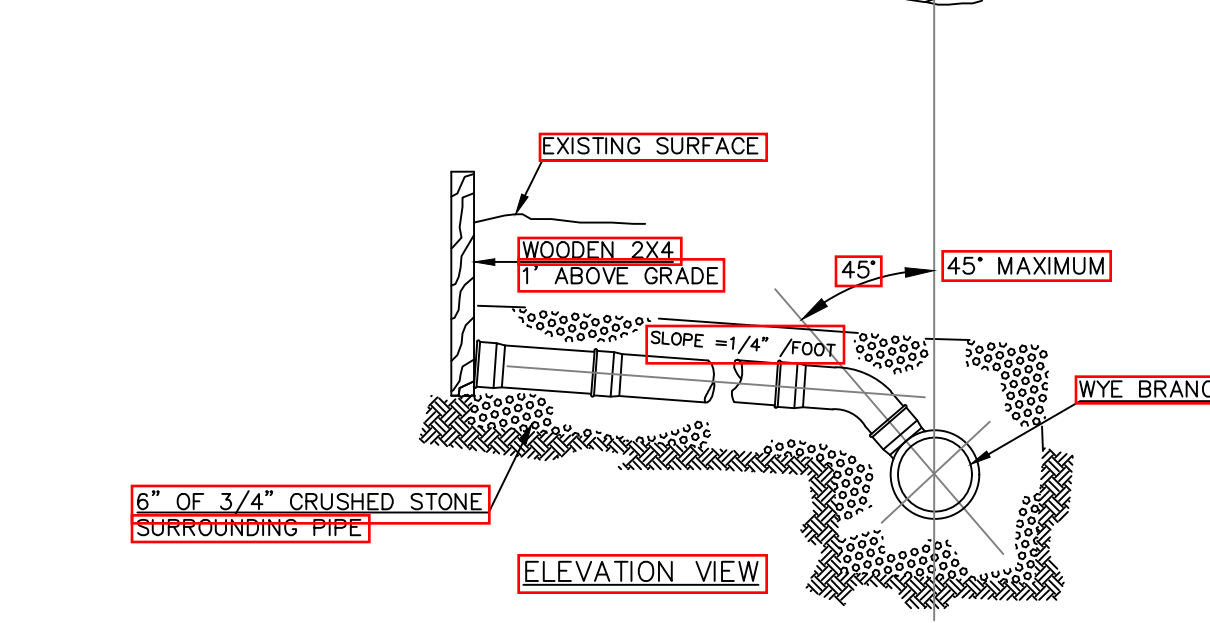
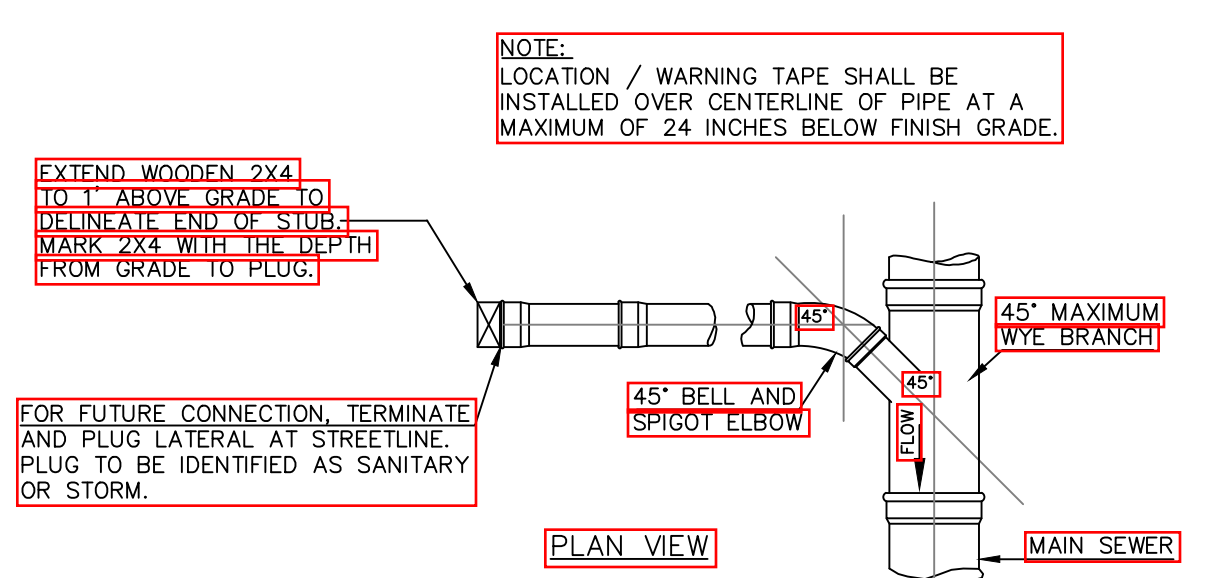
METHOD 4 -- NEW PIPE TO EXISTING STRUCTURE STUB

NOTE: EXISTING MANHOLE OR CATCH BASIN SHALL BE CORE DRILLED FOR PIPE INSTALLATION. IF PIPE DIAMETER IS SO LARGE THAT CORE DRILLING IS PROHIBITED, THE CONTRACTOR MAY SAW CUT THE STRUCTURE TO CREATE PIPE OPENING. THE NEW OPENING MUST THEN BE SEALED AND WATERTIGHT BOTH INSIDE AND OUTSIDE THE STRUCTURE.

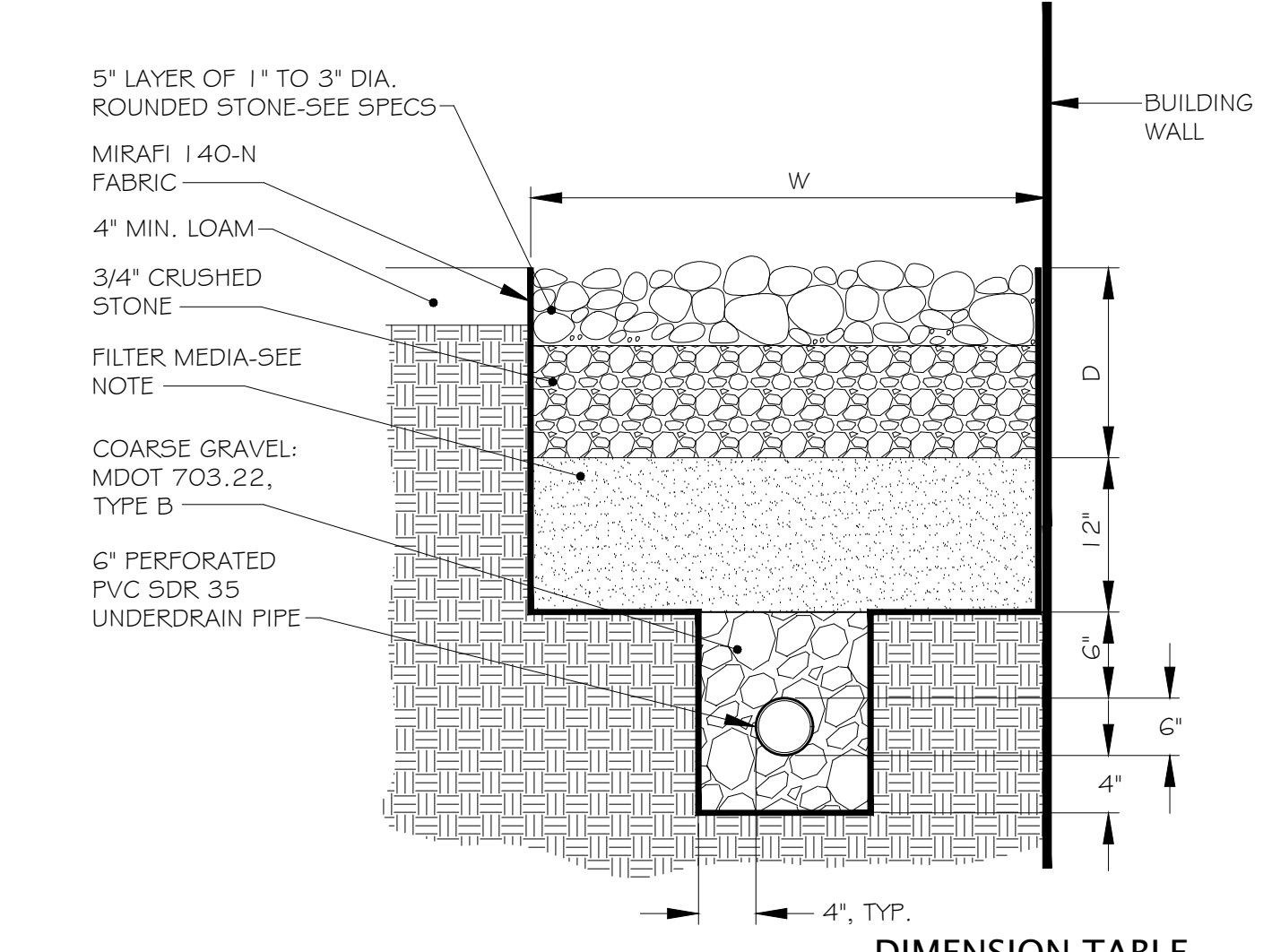


METHOD 3 -- NEW PIPE INTO EXISTING STRUCTURE

1 PLASTIC PIPE CONNECTIONS
NOT TO SCALE



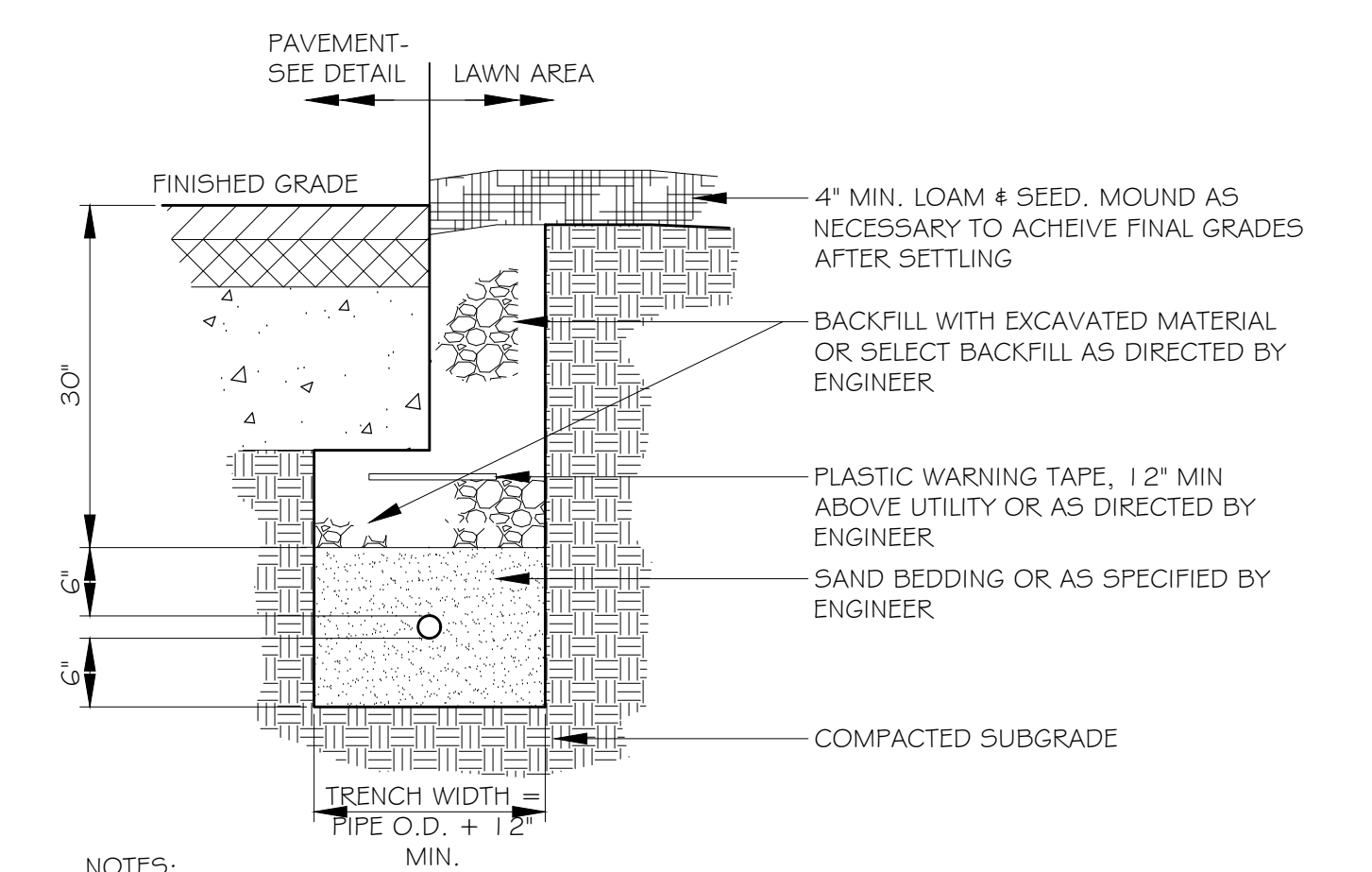
4 TYPICAL HOUSE LATERAL TEE/WYE CONNECTION
NOT TO SCALE



NOTE: FILTER MEDIA MAY BE BACKFILL AND WILL BE A MINERAL SOIL WITH 4-7% FINES (PASSING #200 SIEVE).

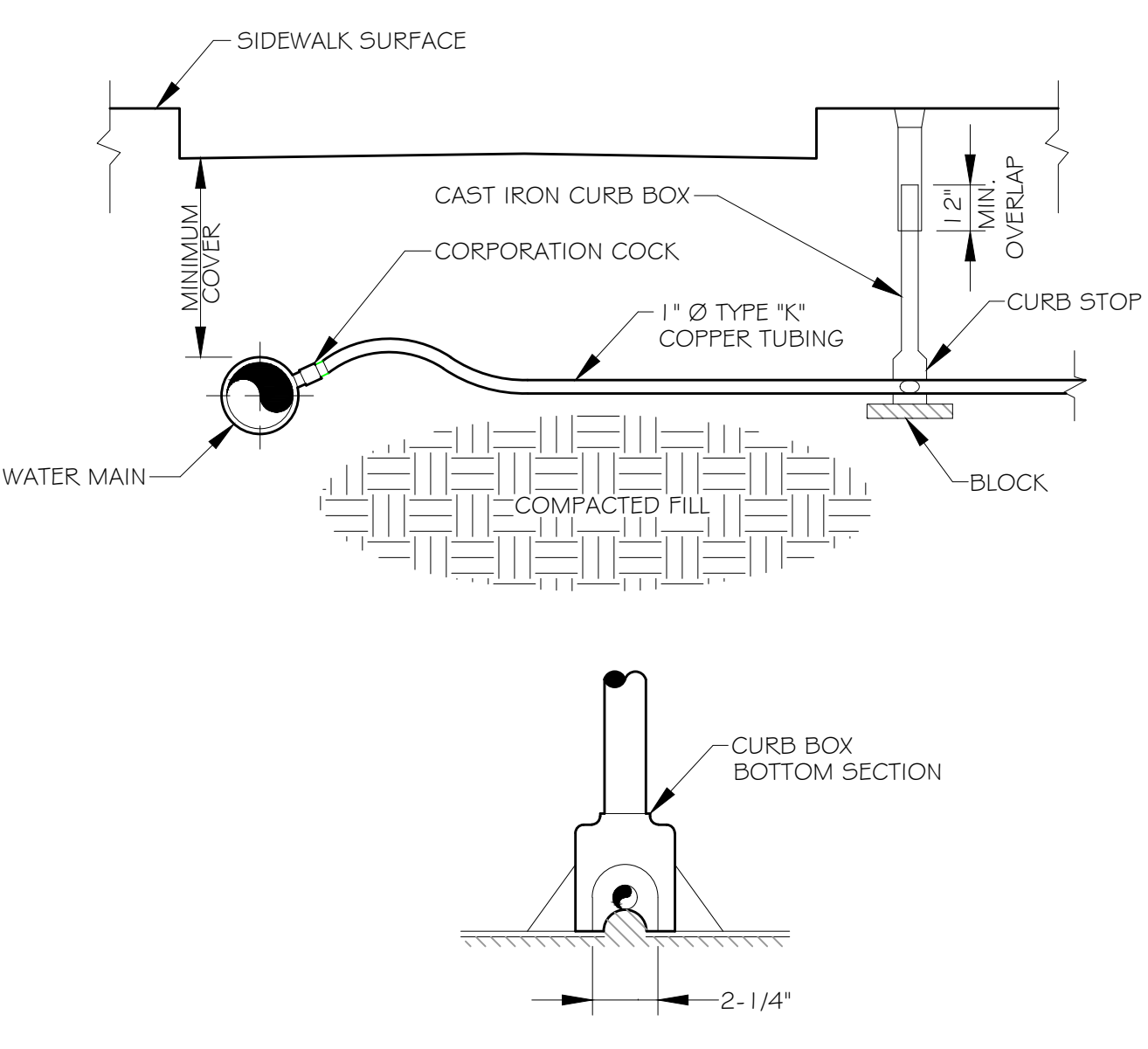
	W (FT.)	D (FT.)
FRONT	3.0	2.0
BACK	3.0	1.5

7 ROOF DRIPLINE FILTRATION DETAIL
NOT TO SCALE

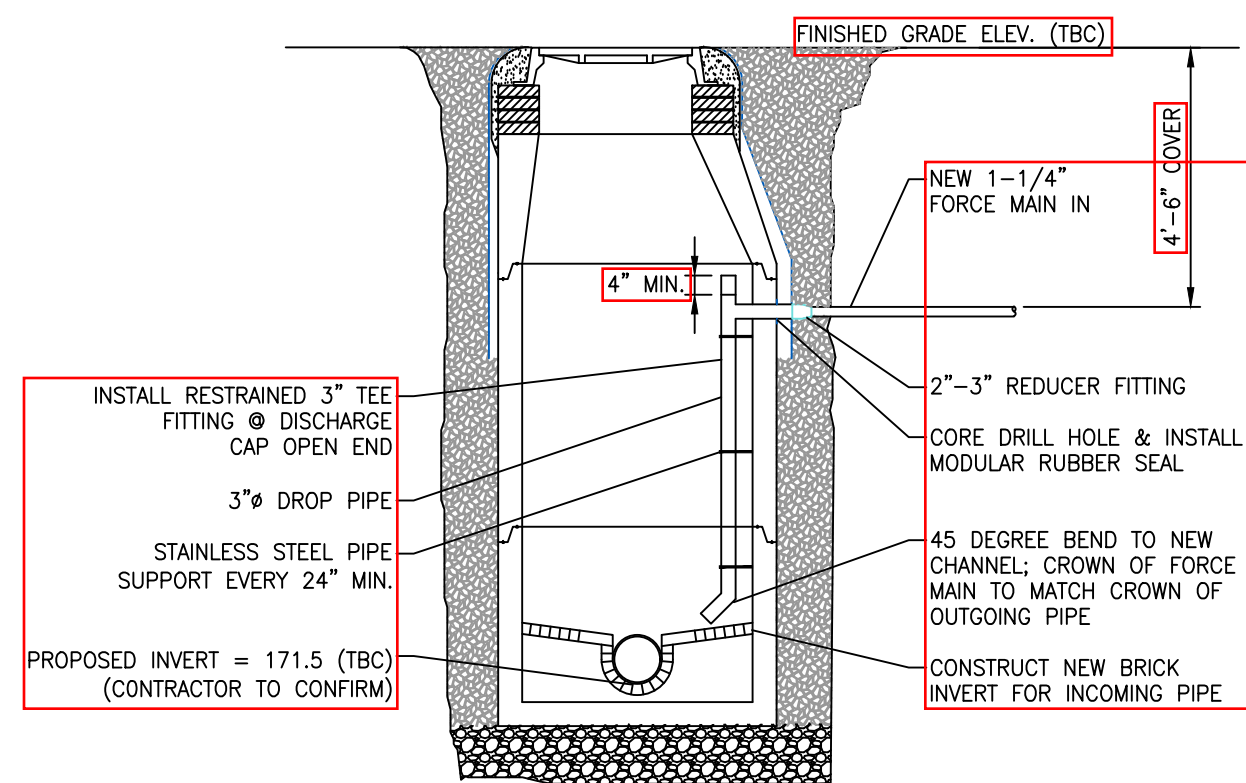


NOTES:
1. ALL WORK TO COMPLY WITH UTILITY COMPANY STANDARDS.
2. CONTRACTOR TO PROVIDE 1/2" POLYPROPYLENE PULL ROPES IN ALL CONDUITS.

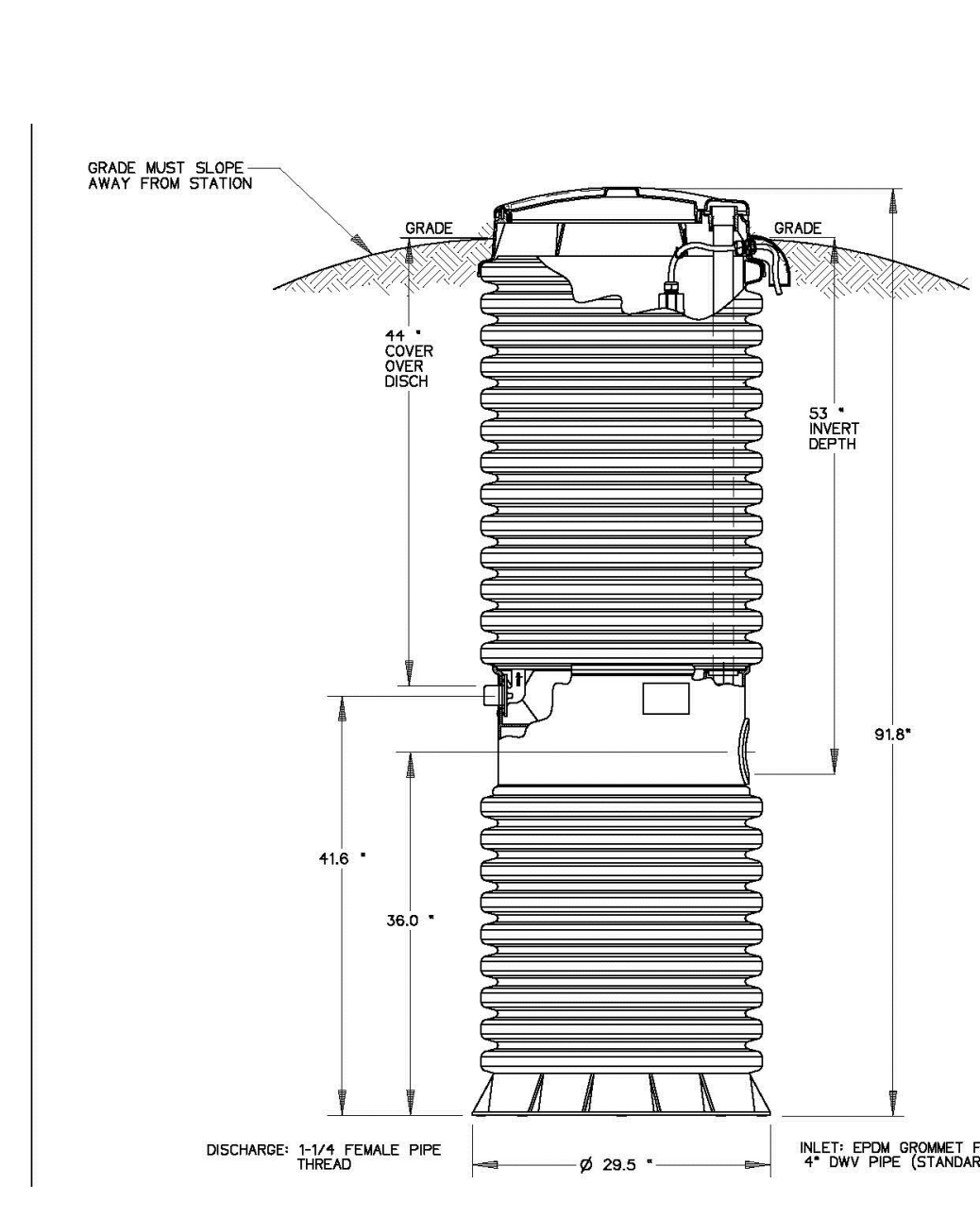
8 ELECTRIC UTILITY TRENCH SECTION
NOT TO SCALE



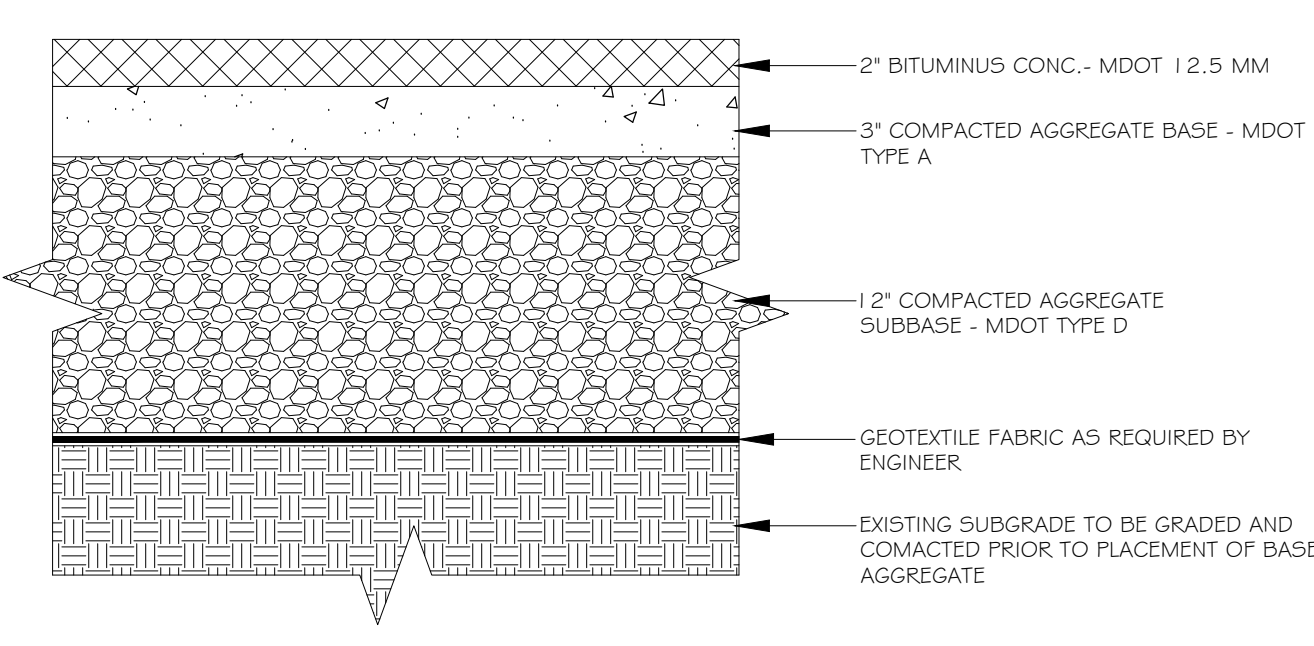
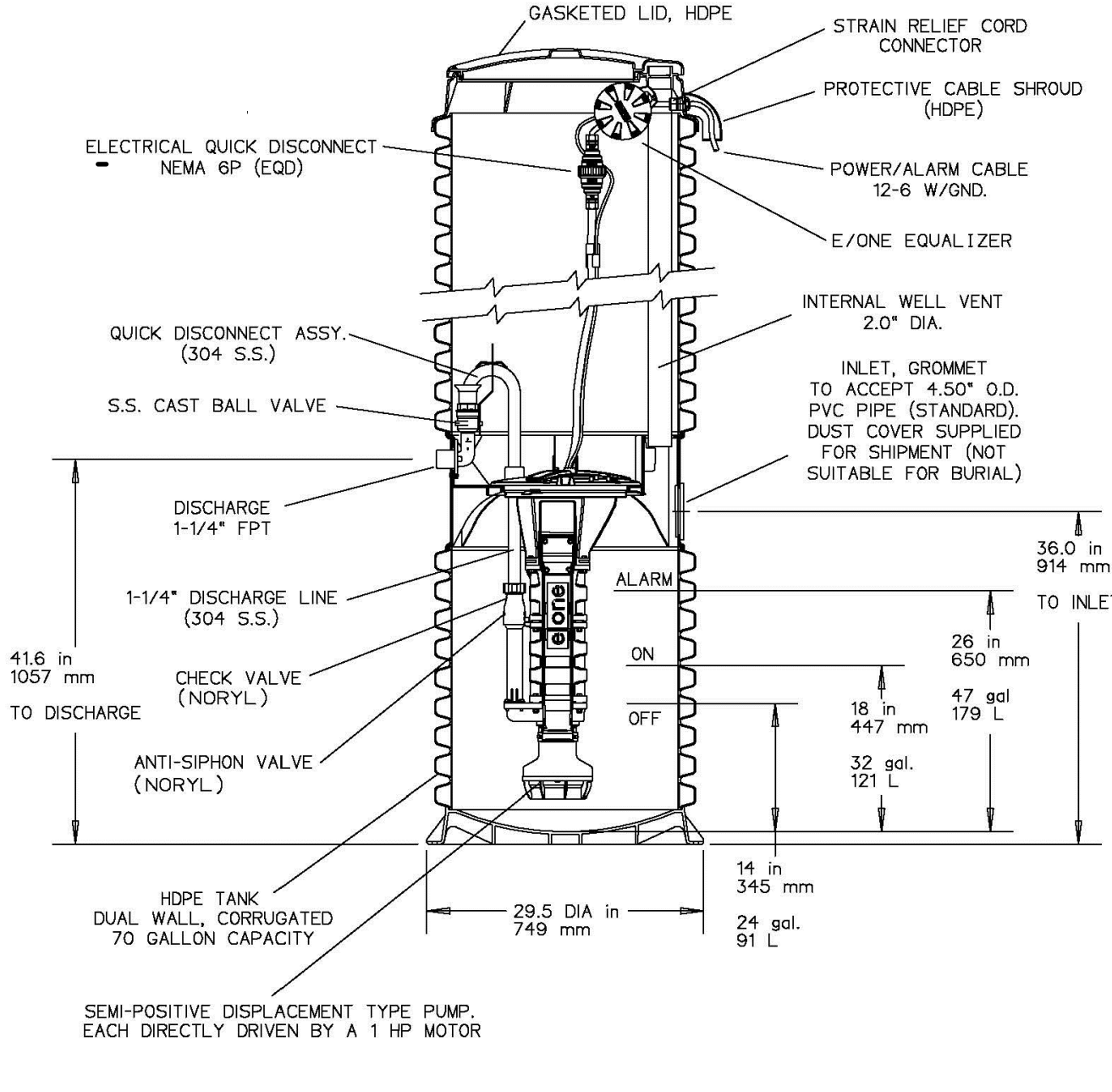
2 TYPICAL COPPER HOUSE SERVICE DETAIL
NOT TO SCALE



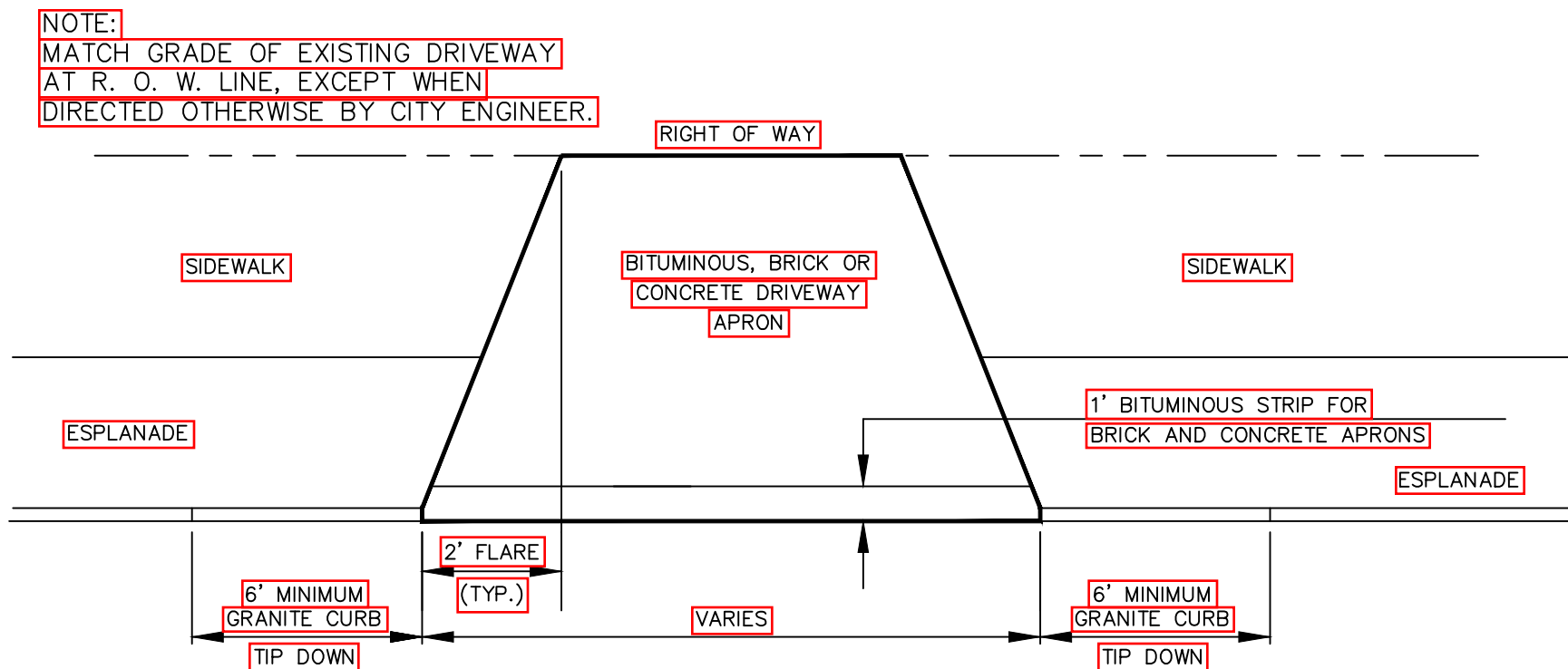
5 SEWER FORCE MAIN TERMINUS
NOT TO SCALE



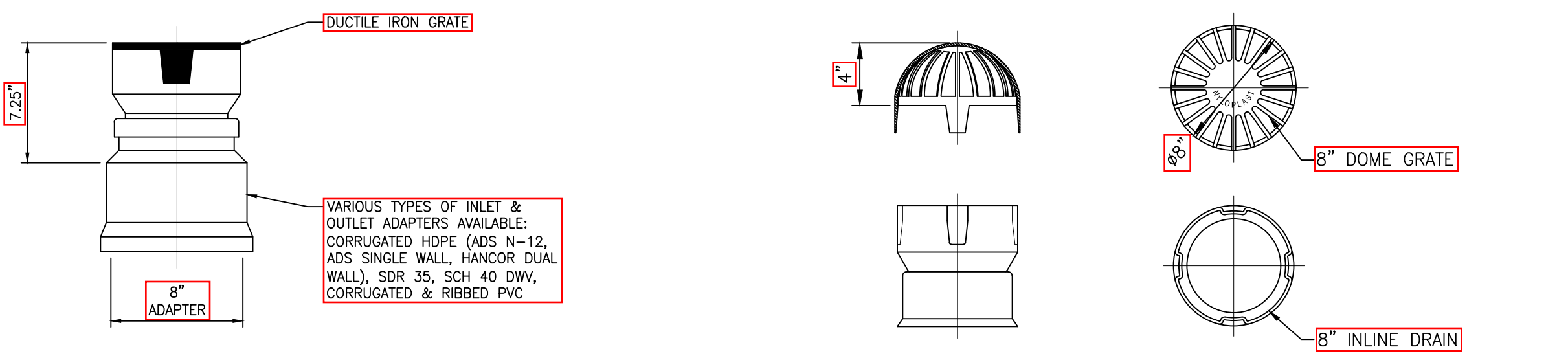
9 E ONE SEWER PUMP
NOT TO SCALE



3 NEW PAVEMENT DETAIL
NOT TO SCALE



6 DRIVEWAY APRON LAYOUT
NOT TO SCALE



10 INLINE DRAIN ADAPTER & GRATE
NOT TO SCALE

ISSUED FOR CITY OF PORTLAND PERMITTING

		291 SUMMIT STREET PORTLAND, MAINE MAP: 388, BLOCK: A LOT: 20 RESIDENTIAL SITE PLAN PETER BOUCHARD 25 LEDGE ROAD CUMBERLAND FORESIDE, MAINE 04110	Atlantic Resource Consultants 541 US Route One Freeport, ME 04032 Tel: 207.869.9050 DRAWN: MPV DESIGNED: JAV CHECKED: MPV FILE NAME: SHEET: C-301
REV	DATE	DESCRIPTION	REVISIONS