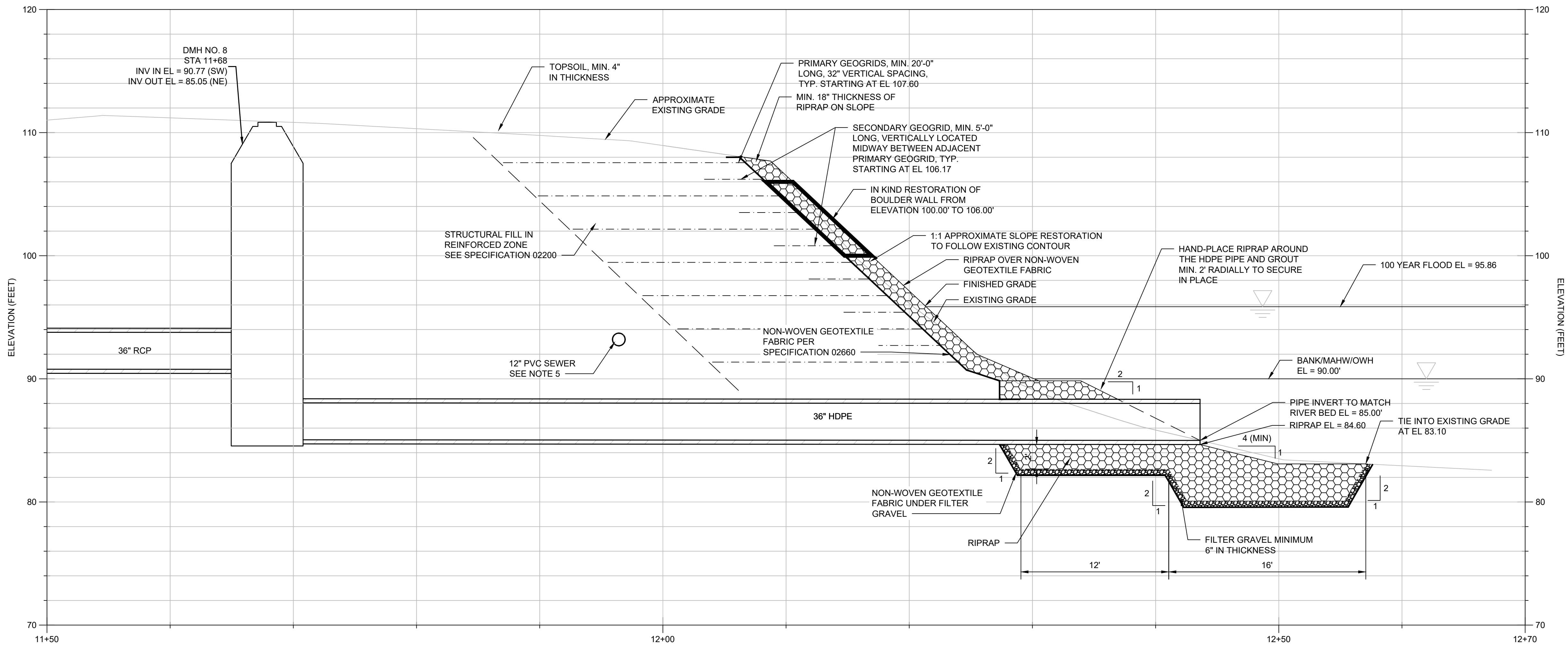
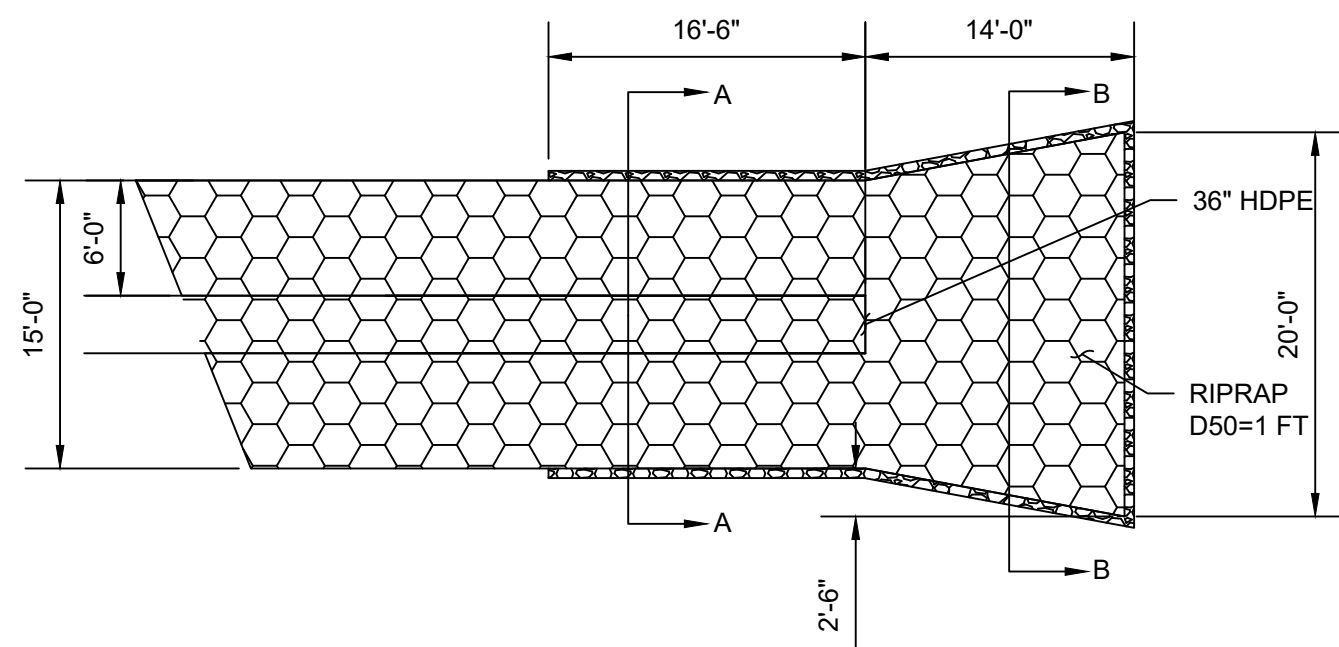
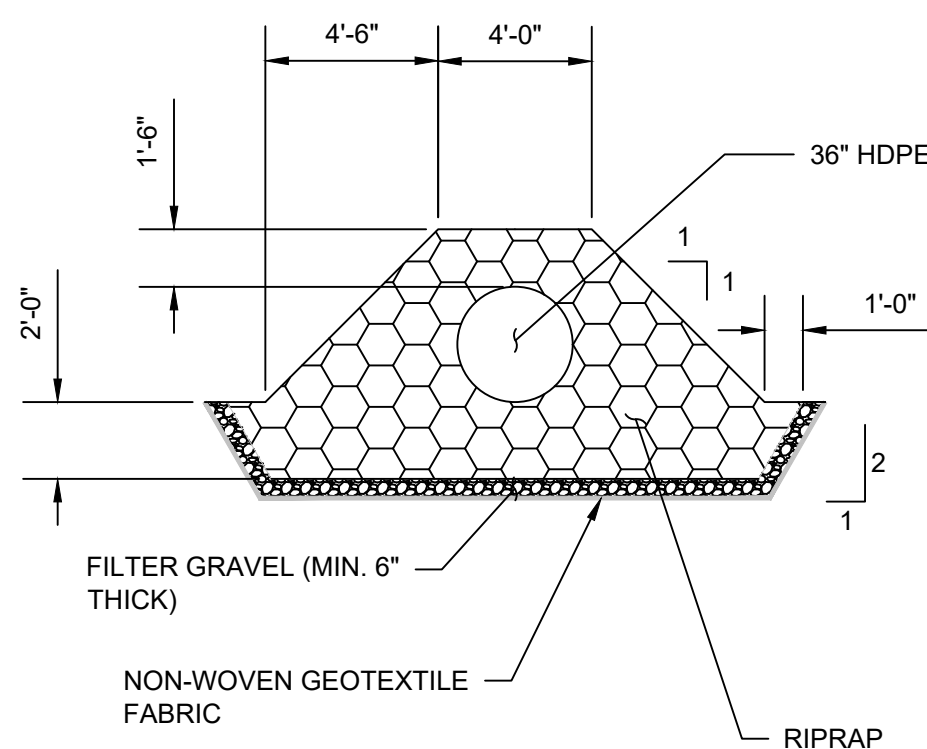




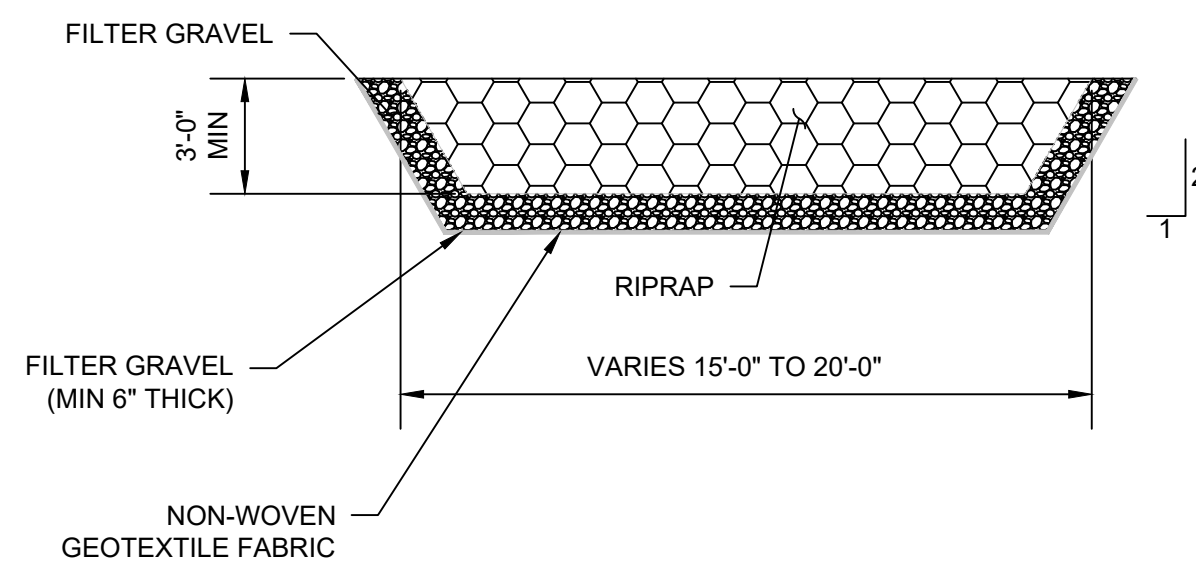
A
-
DEWATERING DRAINAGE LINE OUTFALL PROFILE
SCALE 1"=5'-0"



B
-
OUTFALL PLAN
1" = 10'-0"



C
-
OUTFALL SECTION A-A
1" = 5'-0"

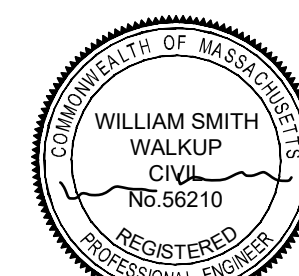
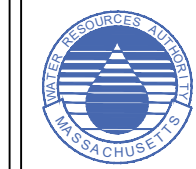


D
-
OUTFALL SECTION B-B
1" = 5'-0"

NOTES:

1. SLOPE STABILIZATION MEASURES (RIPRAP, GEOTEXTILE, PRIMARY GEOGRID, SECONDARY GEOGRID, AND STRUCTURAL FILL) SHALL EXTEND Laterally TO THE FULL EXCAVATION LIMITS.
2. GEOGRID SHALL BE SOLMAX MIRAGRID 5XT, OR EQUAL, IN ACCORDANCE WITH SPECIFICATION 02660.
3. PLACE RIPRAP IN LIFTS. FILL VOIDS COMPLETELY WITH FILTER GRAVEL PRIOR TO PLACEMENT OF SUCCESSIVE LIFT.
4. RIPRAP AND UNDERLYING FILTER GRAVEL SHALL MEET SPECIFICATION 02200.
5. APPROXIMATELY 11.3 FEET OF THIS SEWER WAS REPLACED WITH 12-INCH PVC PIPE AND CONNECTED TO THE EXISTING SEWER USING RUBBER COUPLINGS. SEE SKETCH INCLUDED IN APPENDIX B OF THE SPECIFICATIONS.

BID DOCUMENTS

REFERENCE:						CONTRACT NO. : 8086	CAD FILE NO. : 3-3-C-402	 WILLIAM SMITH WALKUP CIVIL No. 56210 REGISTERED PROFESSIONAL ENGINEER 9-16-2026	 MASSACHUSETTS WATER RESOURCES AUTHORITY PREPARED BY :  100 SUMMER STREET BOSTON, MA 02110 617-426-7330	 BLACK & VEATCH 200 SUMMIT DRIVE, SUITE 340 BURLINGTON, MA 01803 781-656-5800	METROPOLITAN WATER TUNNEL PROGRAM CONTRACT PACKAGE 3.3 NEEDHAM DEWATERING DRAINAGE LINE		DRAWING NO. C-402
						ACCESSION NO. : NOT USED	SECTION NO. :						
						DATE: SEPTEMBER, 2026	DESIGNED BY: ANW DRAWN BY: CJG CHECKED BY: KRR APPROVED BY: CHG						
						SCALE: AS NOTED							
	NO.	DATE	BY	CHK'D	REVISION						CIVIL		13 of 41
											OUTFALL DETAILS		