

REFERENCE INFORMATION:

- 1. THIS PLAN WAS COMPILED USING THE FOLLOWING REFERENCE INFORMATION:
- A. A PLAN SET ENTITLED, "SUBDIVISION PLAN, PREPARED FOR SUNMAR/RAF BUILDERS, LLC, PROPERTY OF WALTER N. WAINWRIGHT, JR. EAST LAKE ROAD & FIRE STREET, MONTVILLE (OAKDALE), CONNECTICUT," DATED JUNE 2022, LAST REVISED JULY 11, 2022, PREPARED BY BOUNDARIES, LLC.

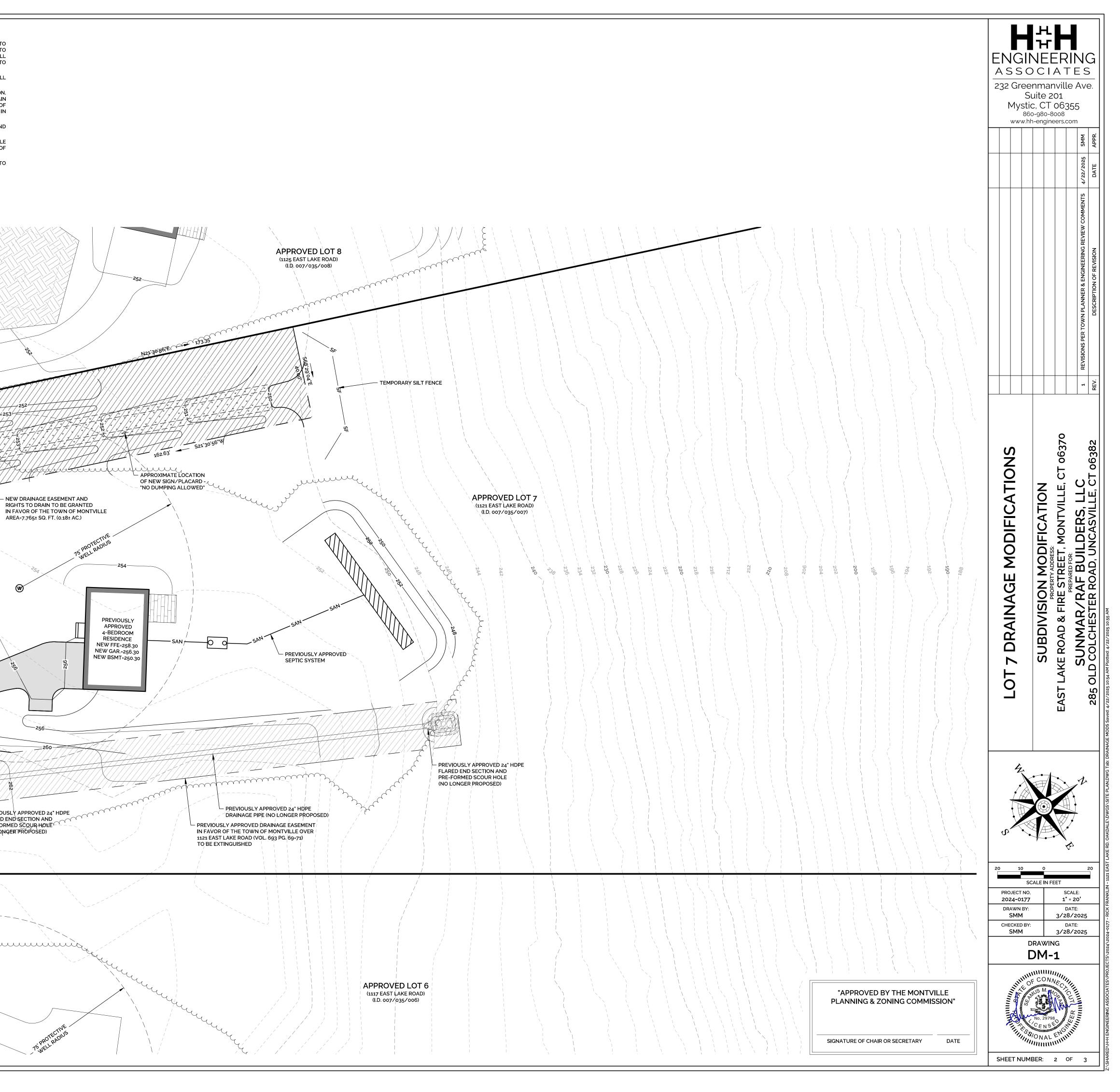
GENERAL NOTES:

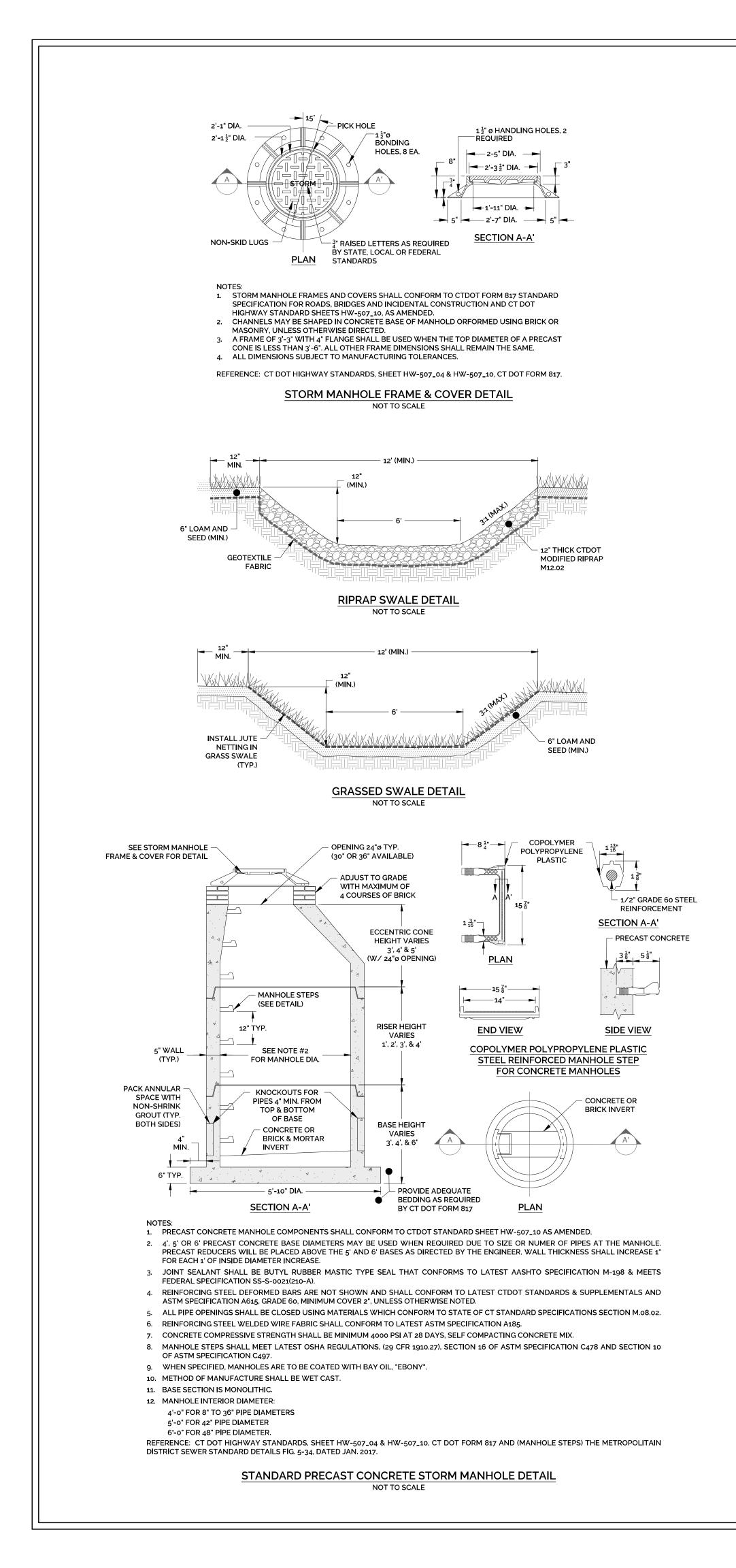
- . THE APPLICANT AND PROPERTY OWNER IS SUNMAR/RAF BUILDERS, LLC WITH A MAILING ADDRESS OF 285 OLD COLCHESTER ROAD, UNCASVILLE, CT 06382.
- 2. ON JULY 26, 2022, THE TOWN OF MONTVILLE PLANNING & ZONING COMMISSION APPROVED SUBDIVISION APPLICATION #22SUB3 FOR A NEW 8-LOT SUBDIVISION. PER THE APPROVED PLANS, A DRAINAGE PIPE WAS PROPOSED ALONG THE EASTERN SIDE OF LOT 7 TO CONVEY ROADWAY RUNOFF TO THE BACK OF THE PROPERTY. DUE TO SITE CONSTRAINTS, THE APPLICANT IS PROPOSING TO RELOCATE THE DRAINAGE PIPE TO CONVEY STORMWATER TO THE WEST SIDE OF THE PROPERTY TO DISCHARGE TO A RIPRAP APRON AND VEGETATED SWALE.
- LOT 7 HAS A MAILING ADDRESS OF 1121 EAST LAKE ROAD AND IS IDENTIFIED AS LOT 35-7 ON THE TOWN OF MONTVILLE TAX ASSESSOR'S MAP 7. THE DEED REFERENCE OF THE PROPERTY IS VOLUME 700 PAGE 241.
- 4. THE PURPOSE OF THIS PLAN IS FOR REVIEW BY THE TOWN OF MONTVILLE PLANNING & ZONING COMMISSION FOR A SUBDIVISION MODIFICATION.
- 5. ELEVATIONS SHOWN HEREON ARE BASED ON APPROXIMATE NAVD-88 DATUM PER REFERENCE MAP 'A'.

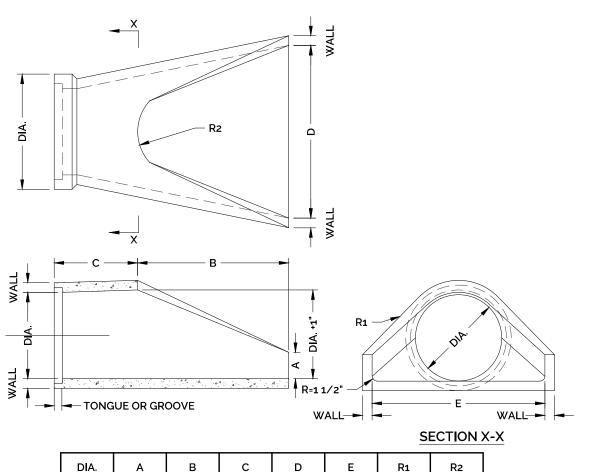
CONSTRUCTION NOTES:

THE DEVELOPMENT OF LOT 7.

- 1. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 800-922-4455 TO MARK OUT ALL UNDERGROUND UTILITIES A MINIMUM OF 3 BUSINESS DAYS PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITY. CONTRACTOR SHALL VERIFY ALL LOCATIONS, DIMENSIONS AND ELEVATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- 2. ALL PROPERTY LINES SHALL BE VERIFIED IN THE FIELD. NO PRIVATE PROPERTY SHALL BE DISTURBED UNLESS PROPER RIGHTS ARE OBTAINED PRIOR TO CONSTRUCTION.
- 3. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION. PRIOR TO ANY WORK WITHIN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL OBTAIN AN EXCAVATION AND DRAINAGE CONNECTION PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS TO CONNECT THE NEW DRAINAGE PIPE INTO THE CATCH BASIN IN EAST LAKE ROAD.
- THE CONTRACTOR SHALL OBTAIN, REVIEW AND ADHERE TO ALL REQUIREMENTS AND ANY CONDITIONS OF APPROVAL OF THE TOWN OF MONTVILLE.
 THE CONTRACTOR SHALL ADHERE TO ALL APPLICABLE TOWN OF MONTVILLE
- STANDARDS, REGULATIONS, POLICIES AND PRACTICES OF THE DEPARTMENT OF PUBLIC WORKS.6. ALL PROPOSED DRAINAGE WORK SHOWN HEREON SHALL BE COMPLETED PRIOR TO
- .250 SNET 2646 NEW 205 L.F. 6'(W) DRAINAGE SWALE 75 L.F. RIPRAP SWALE AND 130 L.F. GRASSED SWALE WITH STONE CHECK DAMS EVERY 50 L.F. S=0.0283 FT./FT NEW FLARED END -SECTION (FES-1) WITH RIPRAP APRON INV=255.80 _S35°33'39"W 10.00 PVMT=260.5 -24" CROWN=258.4 24" INV=256.3 __260-PVMT=260.7 24" CROWN=258.6 24" INV=256.5 S PREVIOUSLY APPROVED 24" HDPE FLARED END SECTION AND PRE-FORMED SCOUR HOLE – NEW 118/L.F. (NO LONGER PROPOSED) 24" HOPE PIPE S=0.0144 FT./FT. 400 EXISTING CB TYPE "CL" TF=264.96 INV 2X2 CULVERT=261.66 NEW 24" INV OUT=261.65 – NEW DRAINAGE MANHOLE (DMH-1) TF=265.50 EXISTING CB TYPE "CL" 24" INV IN=261.00 TF=265.12 24" INV OUT=257.50 INV 2X2 CULVERT=262.33 — NEW 9 L.F. 24" HDPE PIPE juumminis S=0.0722 FT./FT.





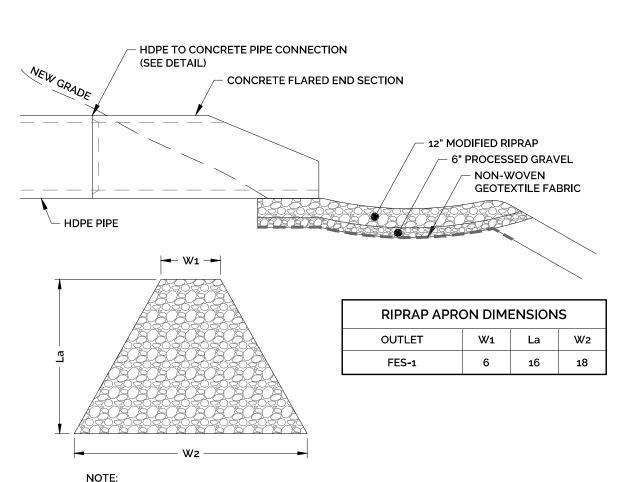


	DIA.	A	В	C		E	R1	R2
	12"	4"	24"	48 7/8"	24"	3"	10 1/4"	9"
	15"	6"	27"	46"	30"	3"	12 1/2"	11"
	18"	9"	27"	46"	36"	3"	15 1/2"	12"
	24"	9-1/2"	43-1/2"	30"	48"	3"	16 13/16"	14"
	30"	12"	54"	19-3/4"	60"	3 1/2"	18 1/2"	15"
	36"	15"	63"	34-3/4"	72"	4"	24 5/16"	20"
	42"	21"	63"	35"	78"	4 1/2"	27 1/2"	22"
	48"	24"	72"	26"	84"	5	28 1/2"	22"
	54"	27"	65"	35"	90"	5 1/2"	33 1/8"	24"
Ī	60	30"	60"	39"	96"	6"	36 11/16"	24"

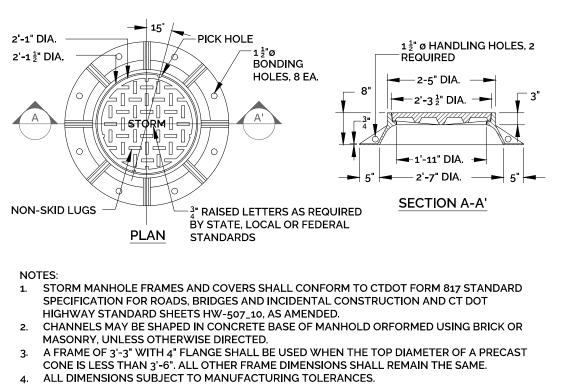
REINFORCED CONCRETE PIPE CONFORMS TO ASTM C-76, ASTM-C-443, ASHTO M-170, AND AASHTO M-198.

- NOTES: 1. ALL PRECAST CONCRETE PRODUCTS MUST HAVE THE CASTING DATE CLEARLY LABELED AND SHALL NOT BE DELIVERED WITHIN 7 DAYS OF THE CASTING DATE.
- 2. JOINT SHALL BE TONGUE AND GROOVE OR BELL AND SPIGOT AS REQUIRED TO CONFORM TO PILE INSTALLED.
- 3. WALL THICKNESS SHALL CONFORM TO PIPE THICKNESS.

REINFORCED CONCRETE FLARED END SECTION NOT TO SCALE



IN ACCORDANCE WITH CT DOT DRAINAGE MANUAL SECTION 11.13 - OUTLET PROTECTION, ALL APRON STONE SHALL BE INTERMEDIATE RIPRAP (DISCHARGE VELOCITY 8-10 FT/S) **RIPRAP APRON** NOT TO SCALE



REFERENCE: CT DOT HIGHWAY STANDARDS, SHEET HW-507_04 & HW-507_10, CT DOT FORM 817.

STORM MANHOLE FRAME & COVER DETAIL

NOT TO SCALE

