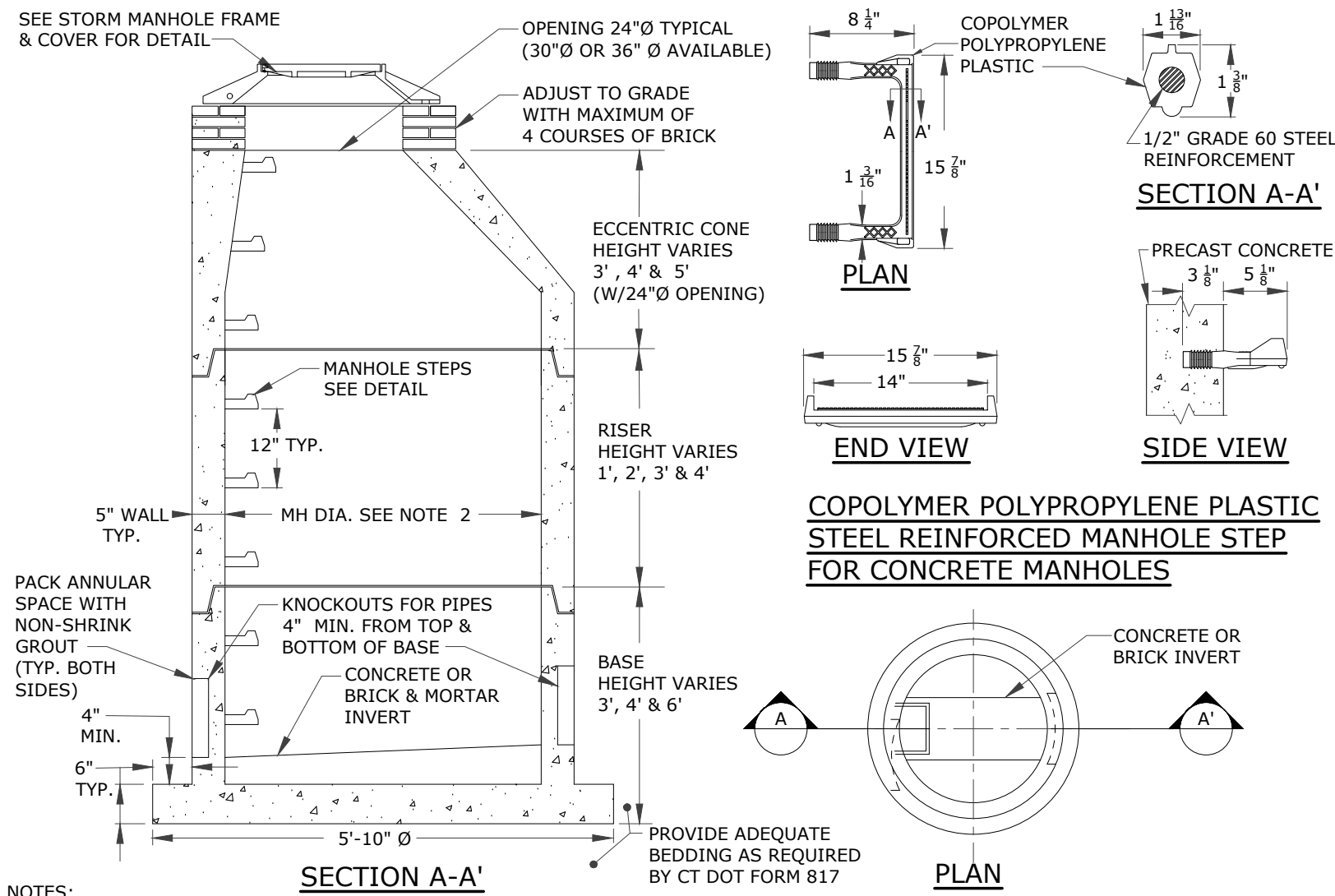
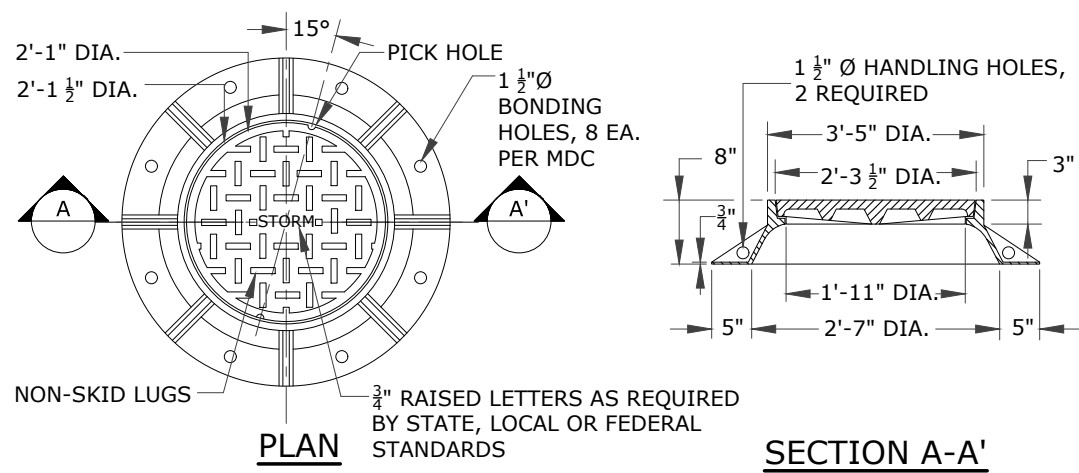




- NOTES:
1. PRECAST CONCRETE MANHOLE COMPONENTS SHALL CONFORM TO CT DOT STANDARD SHEET HW-507.10 AS AMENDED.
 2. 4", 5" OR 6" PRECAST CONCRETE BASE DIAMETERS MAY BE USED WHEN REQUIRED DUE TO SIZE OR NUMBER OF PIPES AT THE MANHOLE. PRECAST REDUCERS WILL BE PLACED ABOVE THE 5" AND 6" BASES AS DIRECTED BY THE ENGINEER. WALL THICKNESS SHALL INCREASE 1" FOR EACH 1' OF INSIDE DIAMETER INCREASE.
 3. JOINT SEALANT SHALL BE BUTYL RUBBER MASTIC TYPE SEAL THAT CONFORMS TO LATEST AASHTO SPECIFICATION M-198 & MEETS FEDERAL SPECIFICATION SS-5-0021(210-A).
 4. REINFORCING STEEL DEFORMED BARS ARE NOT SHOWN AND SHALL CONFORM TO LATEST CT DOT STANDARDS & SUPPLEMENTAL AND ASTM SPECIFICATION A615, GRADE 60, MINIMUM COVER 2", UNLESS OTHERWISE NOTED.
 5. ALL PIPE OPENINGS SHALL BE CLOSED USING MATERIALS WHICH CONFORM TO STATE OF CT STANDARD SPECIFICATIONS SECTION M.08.02.
 6. REINFORCING STEEL WELDED WIRE FABRIC SHALL CONFORM TO LATEST ASTM SPECIFICATION A185.
 7. CONCRETE COMPRESSIVE STRENGTH SHALL BE MINIMUM 4000 PSI AT 28 DAYS, SELF COMPACTING CONCRETE MIX.
 8. MANHOLE STEPS SHALL MEET LATEST OSHA REGULATIONS, (29 CFR 1910.27), SECTION 16 OF ASTM SPECIFICATION C478 AND SECTION 10 OF ASTM SPECIFICATION C497.
 9. WHEN SPECIFIED, MANHOLES ARE TO BE COATED WITH BAY OIL, "EBONY".
 10. METHOD OF MANUFACTURE SHALL BE WET CAST.
 11. BASE SECTION IS MONOLITHIC.
 12. MANHOLE INTERIOR DIAMETER:
 - 4'-0" FOR 8" TO 36" PIPE DIAMETERS
 - 5'-0" FOR 42" PIPE DIAMETER
 - 6'-0" FOR 48" PIPE DIAMETER.

STANDARD PRECAST CONCRETE STORM MANHOLE DETAIL

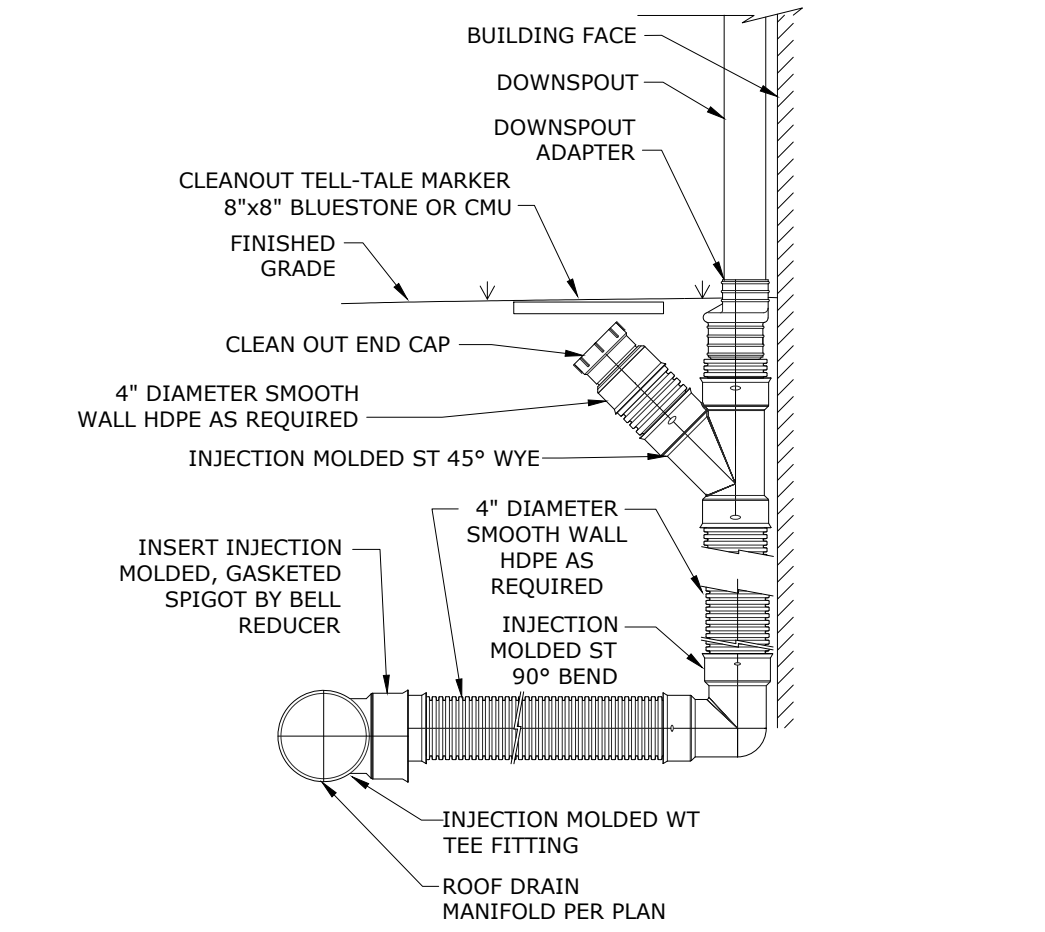
SCALE: NONE



- NOTES:
1. STORM MANHOLE FRAMES AND COVERS SHALL CONFORM TO CT DOT FORM 817 STANDARD SPECIFICATION FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION AND CT DOT HIGHWAY STANDARD SHEETS HW-507.10, AS AMENDED.
 2. CHANNELS MAY BE SHAPED IN CONCRETE BASE OF MANHOLE OR FORMED USING BRICK OR MASONRY, UNLESS OTHERWISE DIRECTED.
 2. A FRAME OF 3'-3" WITH 4" FLANGE SHALL BE USED WHEN THE TOP DIAMETER OF A PRECAST CONE IS LESS THAN 3'-6". ALL OTHER FRAME DIMENSIONS SHALL REMAIN THE SAME.
 3. ALL DIMENSIONS SUBJECT TO MANUFACTURING TOLERANCES.

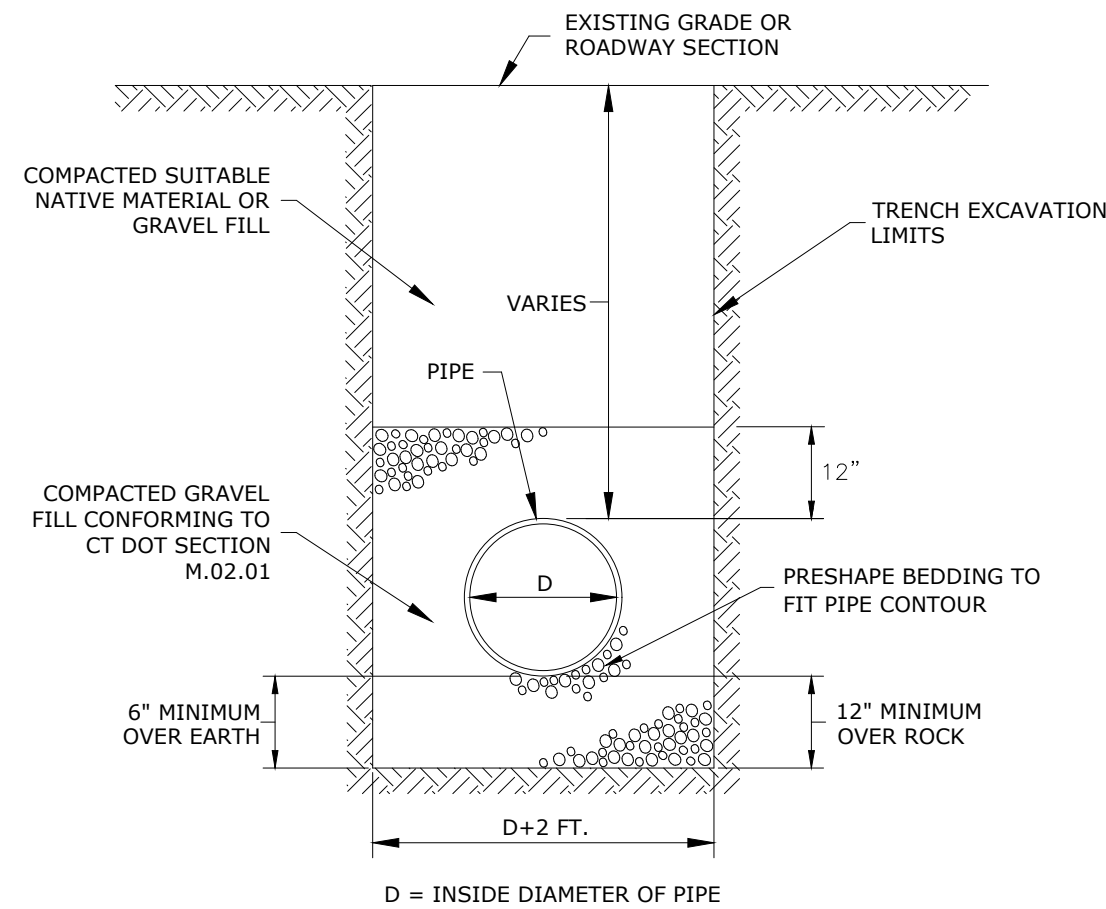
STORM MANHOLE FRAME & COVER DETAIL

SCALE: NONE



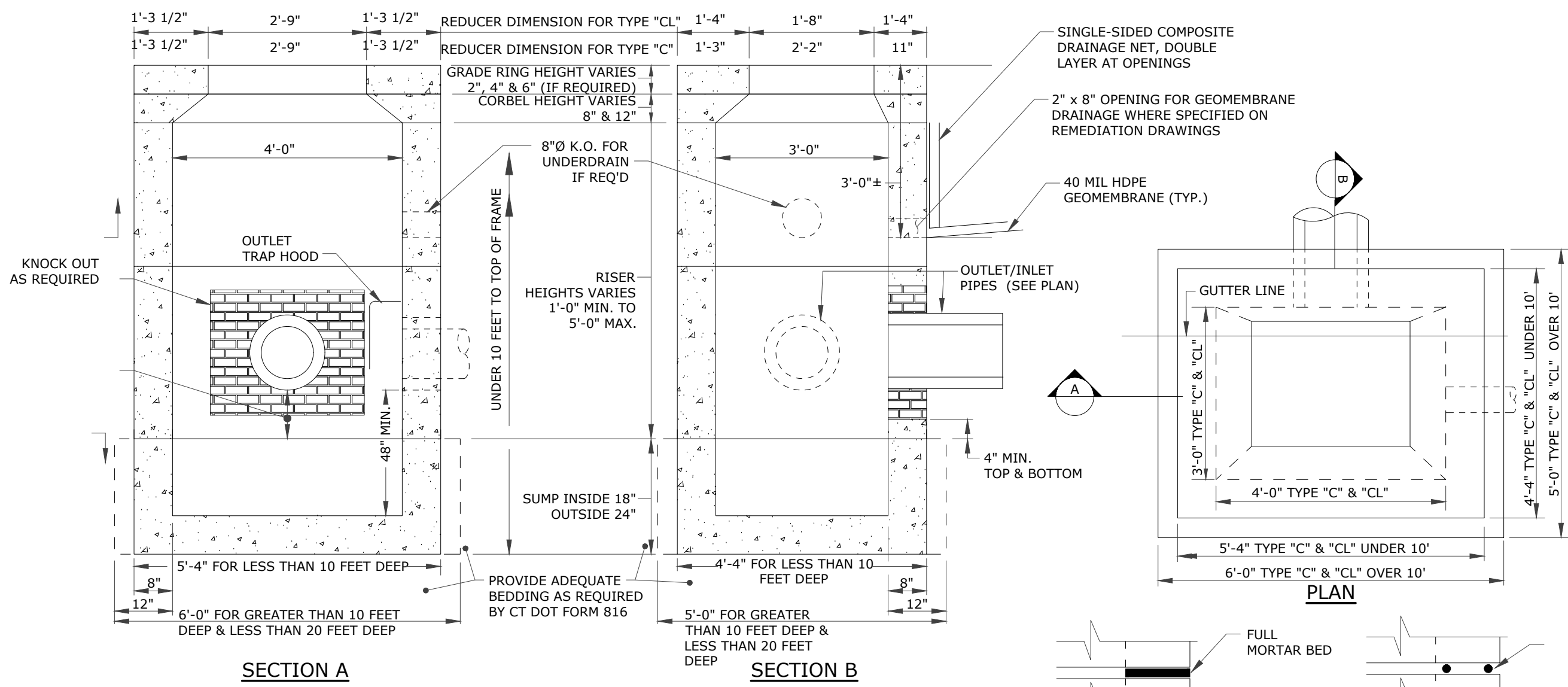
ROOF DRAIN DOWNSPOUT CONNECTION

SCALE: NONE



STORM DRAIN TRENCH

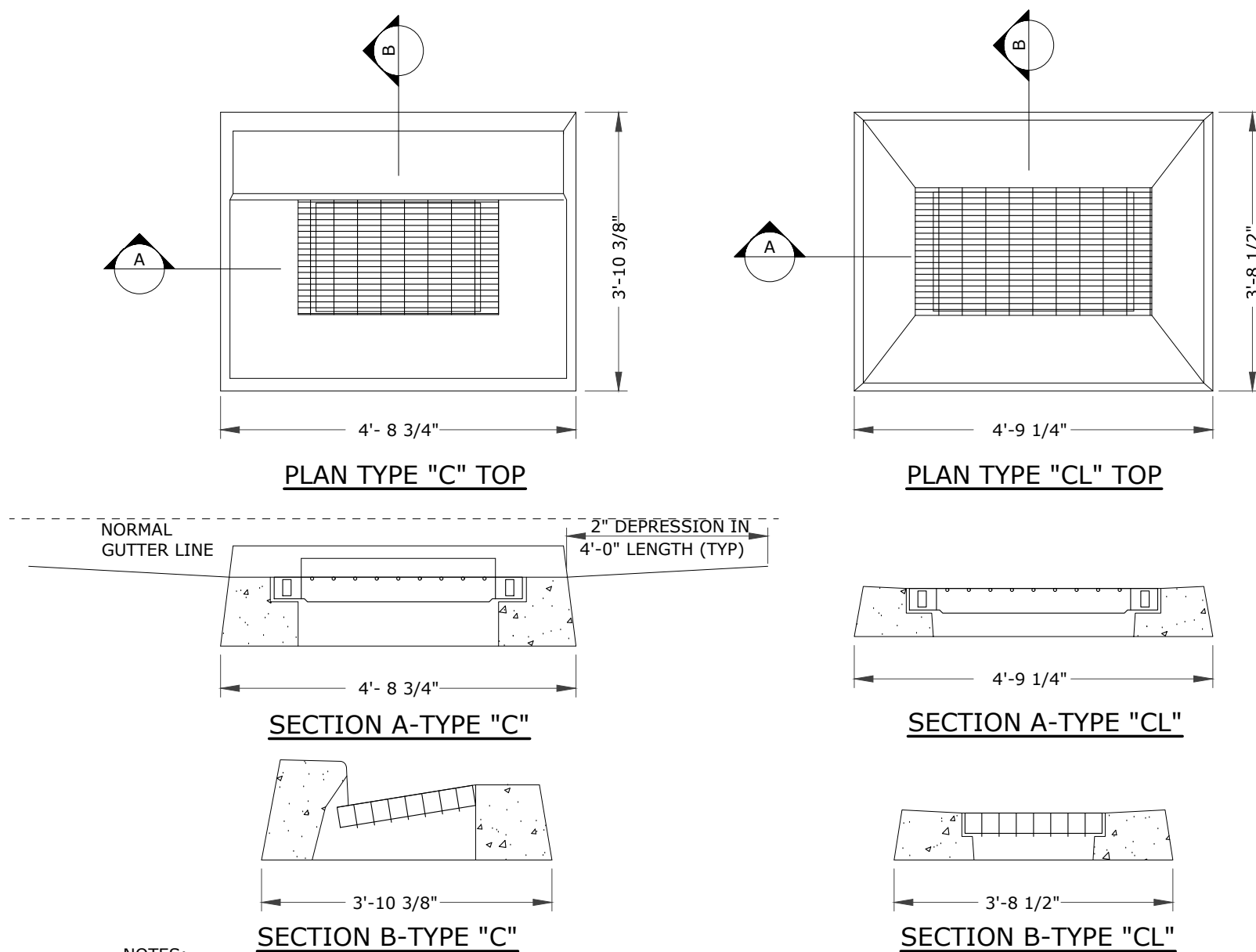
SCALE: NONE



- NOTES:
1. PRECAST CONCRETE CATCH BASIN COMPONENTS SHALL CONFORM TO CT DOT FORM 816 STANDARD SPECIFICATION FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION AND CT DOT HIGHWAY STANDARD SHEETS HW-507.04, AS AMENDED.
 2. THIS DETAIL IS BASED ON CT DOT PRECAST CONCRETE TYPE "C" & "CL" CATCH BASIN COMPONENTS, (UNDER 10' DEEP SHOWN).
 3. REINFORCING STEEL DEFORMED BARS ARE NOT SHOWN AND SHALL CONFORM TO LATEST CT DOT STANDARDS & SUPPLEMENTAL AND ASTM SPECIFICATION A615, GRADE 60, MINIMUM COVER 2" UNLESS OTHERWISE NOTED.
 4. METHOD OF MANUFACTURE SHALL BE WET CAST.
 5. SUMP SECTION SHALL BE MONOLITHIC.
 6. DESIGN LOAD SHALL BE AASHTO H-20.

TYPE "C" & "C-L" PRECAST CONCRETE CATCH BASIN DETAIL

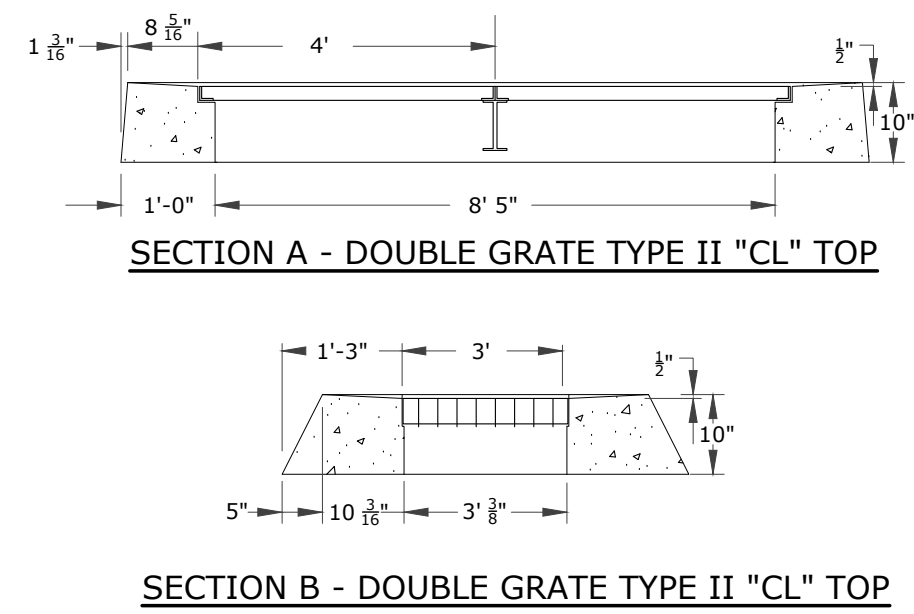
SCALE: NONE



- NOTES:
1. CATCH BASIN TOPS, CURBS AND GRATE COMPONENTS SHALL CONFORM TO CT DOT FORM 816 STANDARD SPECIFICATION FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION AND CT DOT HIGHWAY STANDARD SHEETS HW-507.07 AND HW-507.08, AS AMENDED.
 2. REINFORCING STEEL DEFORMED BARS ARE NOT SHOWN AND SHALL CONFORM TO LATEST CT DOT STANDARDS & SUPPLEMENTAL AND ASTM SPECIFICATION A615, GRADE 60, MINIMUM COVER 2" UNLESS OTHERWISE NOTED.
 3. ALL STEEL, EXCEPT REINFORCING BARS, SHALL BE GALVANIZED IN CONFORMANCE WITH SECTION M06.03 OF CONNECTICUT STANDARD SPECIFICATIONS.
 4. TYPE "C" CATCH BASIN DEPRESSED GUTTER STRIPS SHALL CONFORM TO CT DOT STANDARD SHEET HW-507.01, APPROVED 07-21-2013.

TYPE "C" & "C-L" CATCH BASIN TOP DETAILS

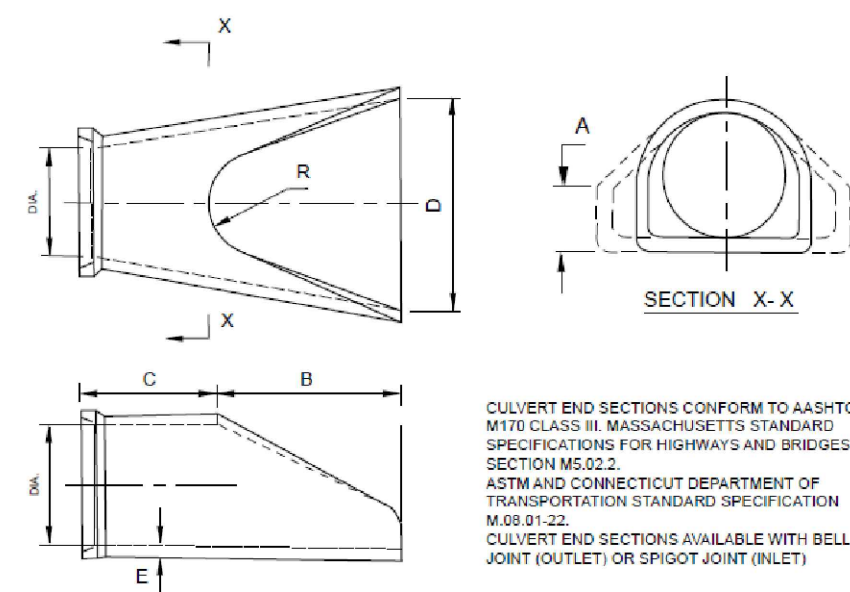
SCALE: NONE



- NOTES:
1. CATCH BASIN TOPS, CURBS AND GRATE COMPONENTS SHALL CONFORM TO CT DOT FORM 817 STANDARD SPECIFICATION FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION AND CT DOT HIGHWAY STANDARD SHEETS HW-507.07 AND HW-507.08, AS AMENDED.
 3. REINFORCING STEEL DEFORMED BARS ARE NOT SHOWN AND SHALL CONFORM TO LATEST CT DOT STANDARDS & SUPPLEMENTALS AND ASTM SPECIFICATION A615, GRADE 60, MINIMUM COVER 2" UNLESS OTHERWISE NOTED.
 4. ALL STEEL, EXCEPT REINFORCING BARS, SHALL BE GALVANIZED IN CONFORMANCE WITH SECTION M06.03 OF CONNECTICUT STANDARD SPECIFICATIONS.
 5. TYPE "C" CATCH BASIN DEPRESSED GUTTER STRIPS SHALL CONFORM TO CT DOT STANDARD SHEET HW-507.01, AS AMENDED.

DOUBLE GRATE TYPE II, OUTLET CONTROL STRUCTURE TOP DETAIL

SCALE: NONE



SIZE	A	B	C	D	E	F
12"	4"	2'-0"	4'-0 7/8"	2'-0"	3'	11"
18"	6"	3'-0"	5'-0 1/2"	3'-0"	4'	17"
24"	8 1/2"	3'-2 1/2"	5'-6"	4'-0"	5'	14"
30"	10"	4'-0"	6'-3 3/8"	5'-0"	5'-3 1/2"	16"
36"	12"	5'-0"	7'-10 3/4"	6'-0"	6'	20"
42"	14"	6'-0"	8'-11 1/2"	7'-0"	7'-0"	24"
48"	16"	7'-0"	10'-1 1/2"	8'-0"	8'-0"	28"
54"	18"	8'-0"	11'-1 1/2"	9'-0"	9'-0"	32"
60"	20"	9'-0"	12'-1 1/2"	10'-0"	10'-0"	36"

FLARED END SECTION

SCALE: NONE

PZC PERMIT # _____ DATE OF APPROVAL _____ EXPIRATION DATE _____

PZC CHAIRMAN OR SECRETARY _____ DATE _____

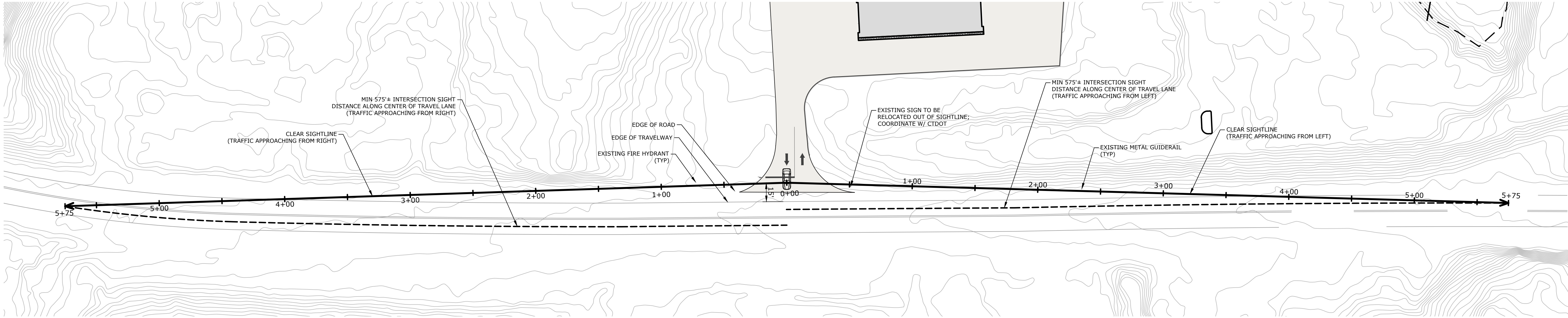
SITE DETAILS 2

GALES FERRY INTERMODAL
1761 ROUTE 12, GALES FERRY, CONNECTICUT 06335
GALES FERRY INTERMODAL LLC
383 SOUTH STREET, SUITE 102, BRIDGEPORT, CT 06610

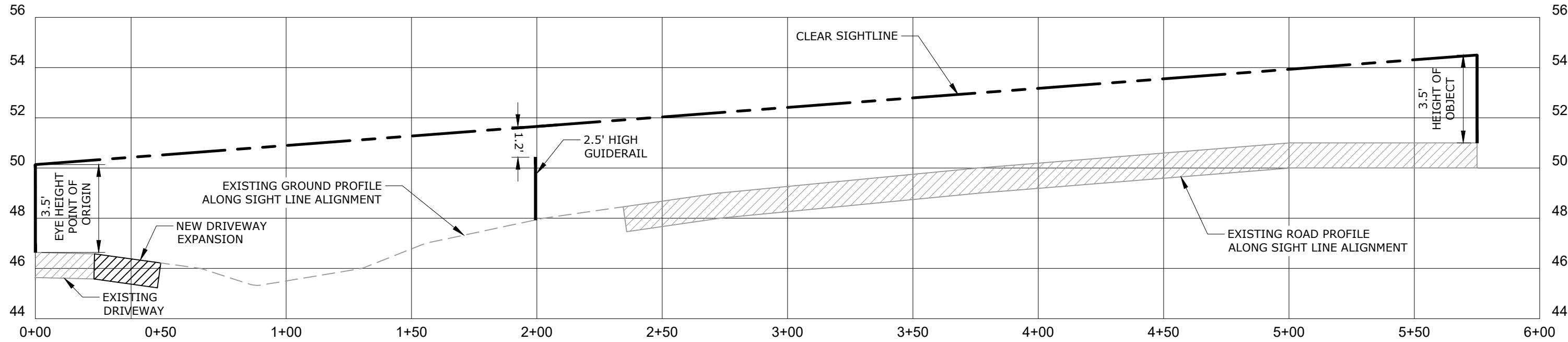
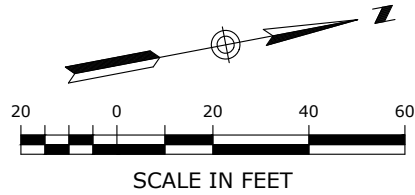
DRAWING
C-13

SHEET NO. 16 NO. OF SHEETS 19

V:\ACT\GALES FERRY\ROUTE 12-17A\0451C2.dwg LOCAL PRINT FOR STEELING BUILDING\0451C2.dwg SIGHTLINE DEMONSTRATION PLAN DWG Tab: SIGHTLINE DEMONSTRATION PLAN Saved: 7/20/2024 1:17 PM by: TCGREIFFING Printed: 7/20/2024 2:17 PM



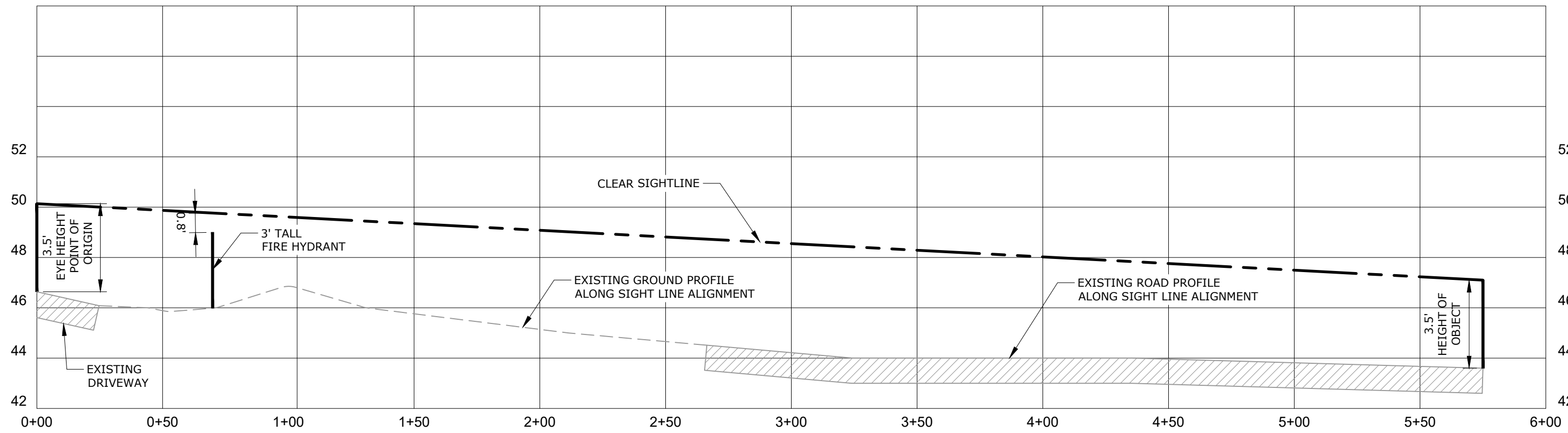
SIGHTLINE PLAN
1" = 40'



PROFILE - SIGHTLINE TO THE LEFT
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

NOTES:

- 1) EXISTING ROADSIDE VEGETATION WILL BE REMOVED / TRIMMED AS NEEDED TO PROVIDE THE CLEAR SIGHTLINES DEPICTED ON THIS PLAN. REFER TO SITE PREPARATION AND DEMOLITION PLAN.
- 2) TOPOGRAPHY AND ELEVATIONS DEPICTED ON THIS PLAN WERE OBTAINED FROM CTECO 2016 LIDAR.
- 3) INTERSECTION SIGHT DISTANCE (ISD) OF 575' IS BASED UPON RECORDED 85TH PERCENTILE SPEED OF 52 MPH, PROVIDED BY CTDOT.



PROFILE - SIGHTLINE TO THE RIGHT
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

PZC PERMIT #	DATE OF APPROVAL	EXPIRATION DATE
PZC CHAIRMAN OR SECRETARY	DATE	

SIGHTLINE DEMONSTRATION PLAN		GALES FERRY INTERMODAL 1761 ROUTE 12, GALES FERRY, CONNECTICUT 06335 GALES FERRY INTERMODAL LLC 333 SOUTH STREET, SUITE 100, GALESFERRY, CT 06433	
DRAWING C-16		SHEET NO. 19 NO. OF SHEETS 19	
STATE OF CONNECTICUT PROFESSIONAL ENGINEER [Signature]		DATE 7/20/2026 KAP DATE 7/20/2026 APPR.	
1		SITE PLAN MODIFICATION REV.	
DESCRIPTION OF REVISION		DATE	