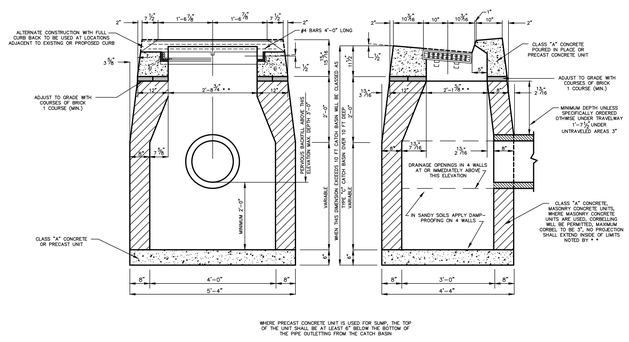
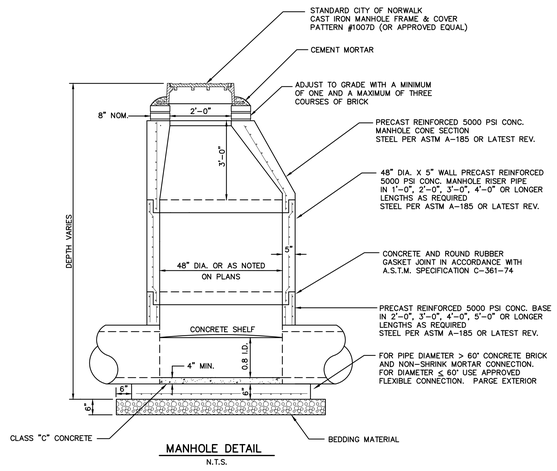


WHERE PRECAST CONCRETE UNIT IS USED FOR SLAB, THE TOP OF THE UNIT SHALL BE AT LEAST 6" BELOW THE BOTTOM OF THE PIPE OUTLETTING FROM THE CATCH BASIN

TYPE "C" CATCH BASIN

CATCH BASIN DETAIL

N.T.S.



MANHOLE DETAIL

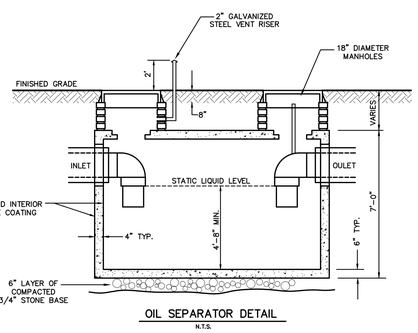
N.T.S.

SECTION A-A

MANHOLE FRAME AND COVER

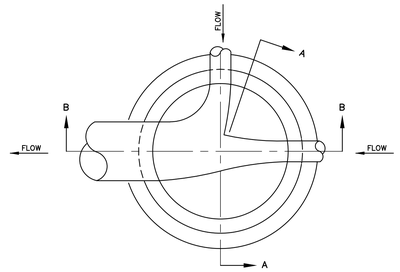
N.T.S.

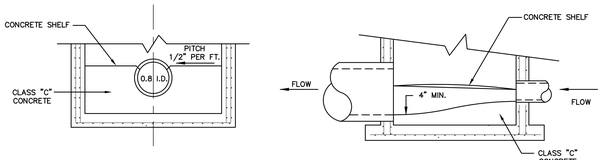
NOTE: MANHOLE FRAMES AND COVERS SHALL BE PATTERN #1007D AS MANUFACTURED BY THE "CAMPBELL FOUNDRY CO." OF NORTH HAVEN, CT OR APPROVED EQUAL



OIL SEPARATOR DETAIL

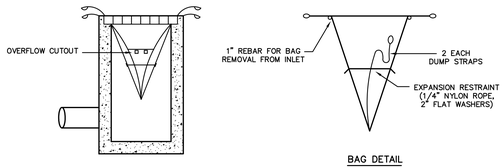
N.T.S.





CONCRETE SHELF DETAIL

N.T.S.



BAG DETAIL

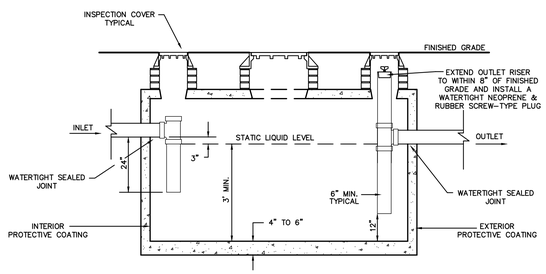
SILT SACK DETAIL

N.T.S.

SECTION PLAN

STANDARD SERVICE LATERAL CONNECTION

N.T.S.

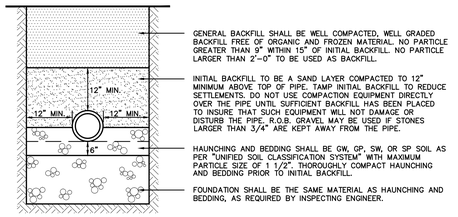


1. ALL MANHOLES AND CLEANOUTS ON EXTERNAL GREASE TRAPS SHALL BE EXTENDED TO GRADE TO FACILITATE CLEANING. ALL NEW GREASE TRAPS SHALL BE PROVIDED WITH MANHOLE COVERS WHICH HAVE BEEN PLACARDED WITH NOTIFICATION AS TO THE DANGER OF ENTERING THE CHAMBER DUE TO NOXIOUS GASES.
2. SUPPORT 6" INLET AND OUTLET BAFFLE PIPES ADEQUATELY WITH STAINLESS STEEL STRAPS AND ANCHOR BOLTS.
3. INSTALL MIN. 24" MANHOLE FRAMES & COVERS OVER INLET AND OUTLET BAFFLE PIPES. THE FOLLOWING COVERS ARE ACCEPTABLE:
   HEAVY DUTY (PAVEMENT AREAS) – CAMPBELL PATTERN #1202
   LIGHT DUTY (GRASS AREAS) – CAMPBELL PATTERN #1007

GREASE TRAP DETAIL

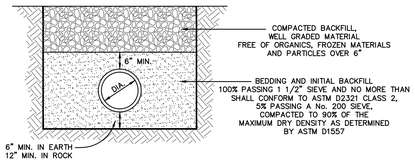
N.T.S.

NOTE: GENERAL BACKFILL SHALL BE COMPACTED TO A DENSITY AT LEAST EQUAL TO THAT OF THE ADJACENT UNDISTURBED MATERIAL. ALL OTHER MATERIAL TO BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557, TAMPING AND COMPACTION TO BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION MANUAL AND ASTM D2321. GENERAL BACKFILL UNDER PAVEMENT TO BE COMPACTED TO 95 % DENSITY.



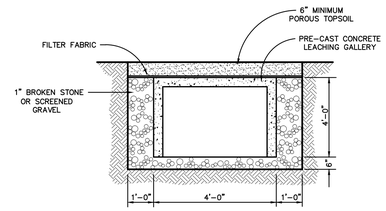
PVC TRENCH BEDDING DETAIL

N.T.S.



HIGH DENSITY POLYETHYLENE (HDPE) PIPE TRENCH DETAIL

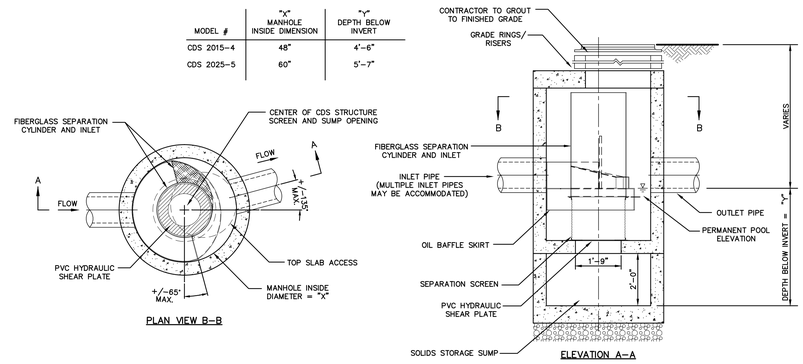
N.T.S.



4' x 4' UNDERGROUND DETENTION GALLERY DETAIL

N.T.S.

MODEL #	"X" MANHOLE INSIDE DIMENSION	"Y" DEPTH BELOW INVERT
CDS 2015-4	48"	4'-6"
CDS 2025-5	60"	5'-7"



GENERAL NOTES:

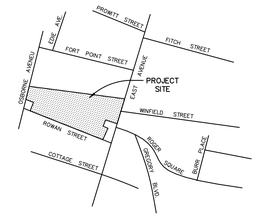
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. DIMENSIONS MARKED WITH ( ) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
3. FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH CONSTRUCTION PRODUCTS REPRESENTATIVE. www.contech-cpi.com
4. CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
5. STRUCTURE SHALL MEET AASHTO HS20 LOADING AND SHALL MEET AASHTO M306 LOAD RATING, ASSUMING GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.
6. BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.
   PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.

INSTALLATION NOTES:

1. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
2. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE (LIFTING CLUTCHES PROVIDED).
3. CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE.
4. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.
5. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

CONTECH INLINE CDS DETAIL

N.T.S.



SCALE: 1" = 500'

ORIENTATION

NO.	DATE	REVISIONS AND SUBMISSIONS
2	2-14-18	REVISED AND ISSUED TO P&Z
1	12-14-17	ISSUED TO P&Z

SIGNATURE:

DRAWING NO: DT1

McChord Engineering Associates, Inc.
Civil Engineers and Land Planners
1 Grumman Hill Road
Wilton, CT 06897 (203) 834-0569

PLAN PREPARED FOR
230 EAST AVENUE, LLC
NORWALK, CONNECTICUT

CONSTRUCTION NOTES AND DETAILS
230 EAST AVENUE
NORWALK, CONNECTICUT

JOB NO:	2028A-1	DATE:	DECEMBER 14, 2017
DRAWN BY:	DRS	CHECKED BY:	HWM, TSN
SCALE:			

file: 2028dt1-2