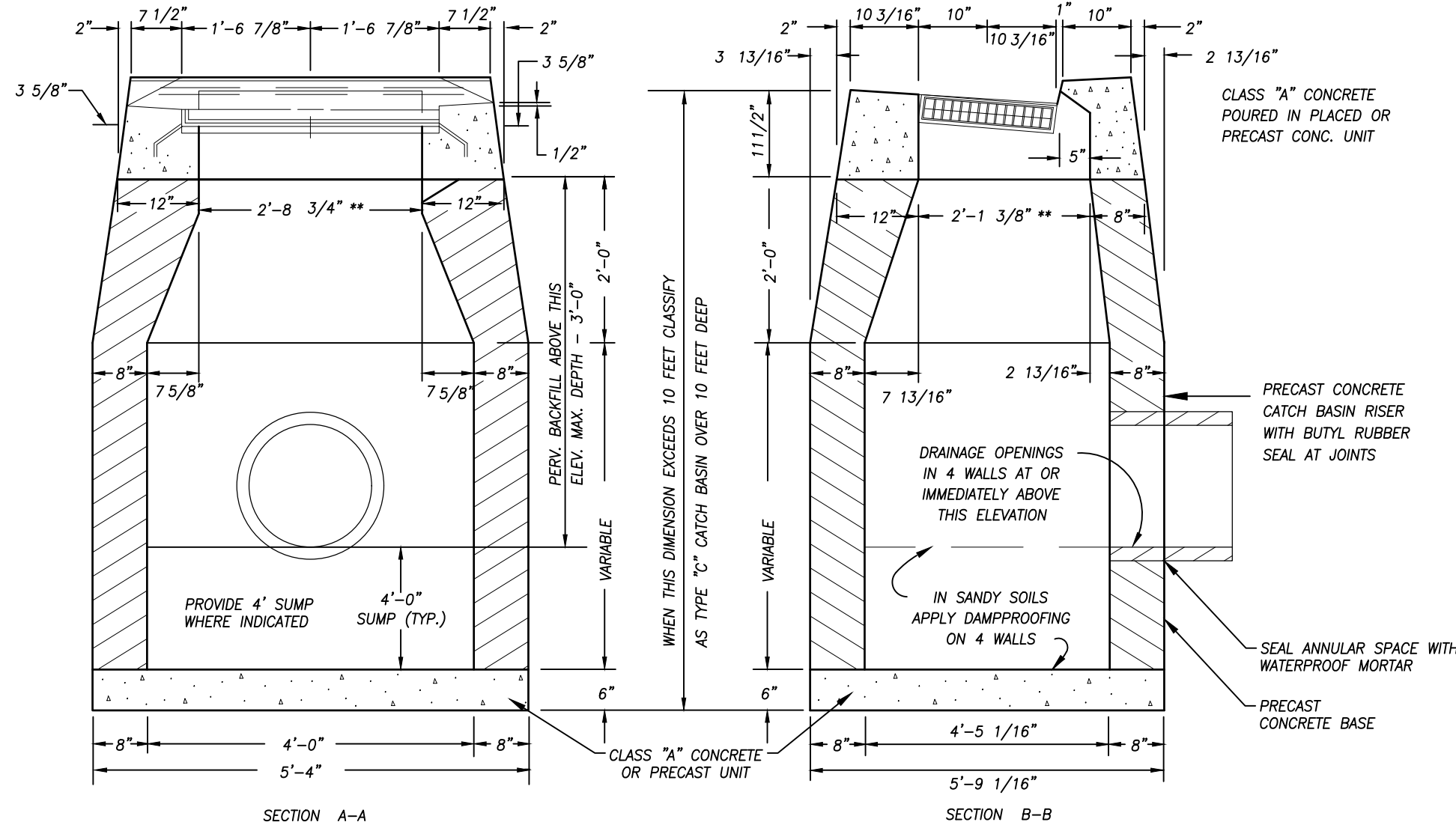


1192.168.2.3\PROJECTS\CIVIL 3D PROJECTS\2021\22-3140 GATEWAY TERMINAL\DWG\DESIGN\DEPOT ROAD NOTES AND DETAILS.DWG



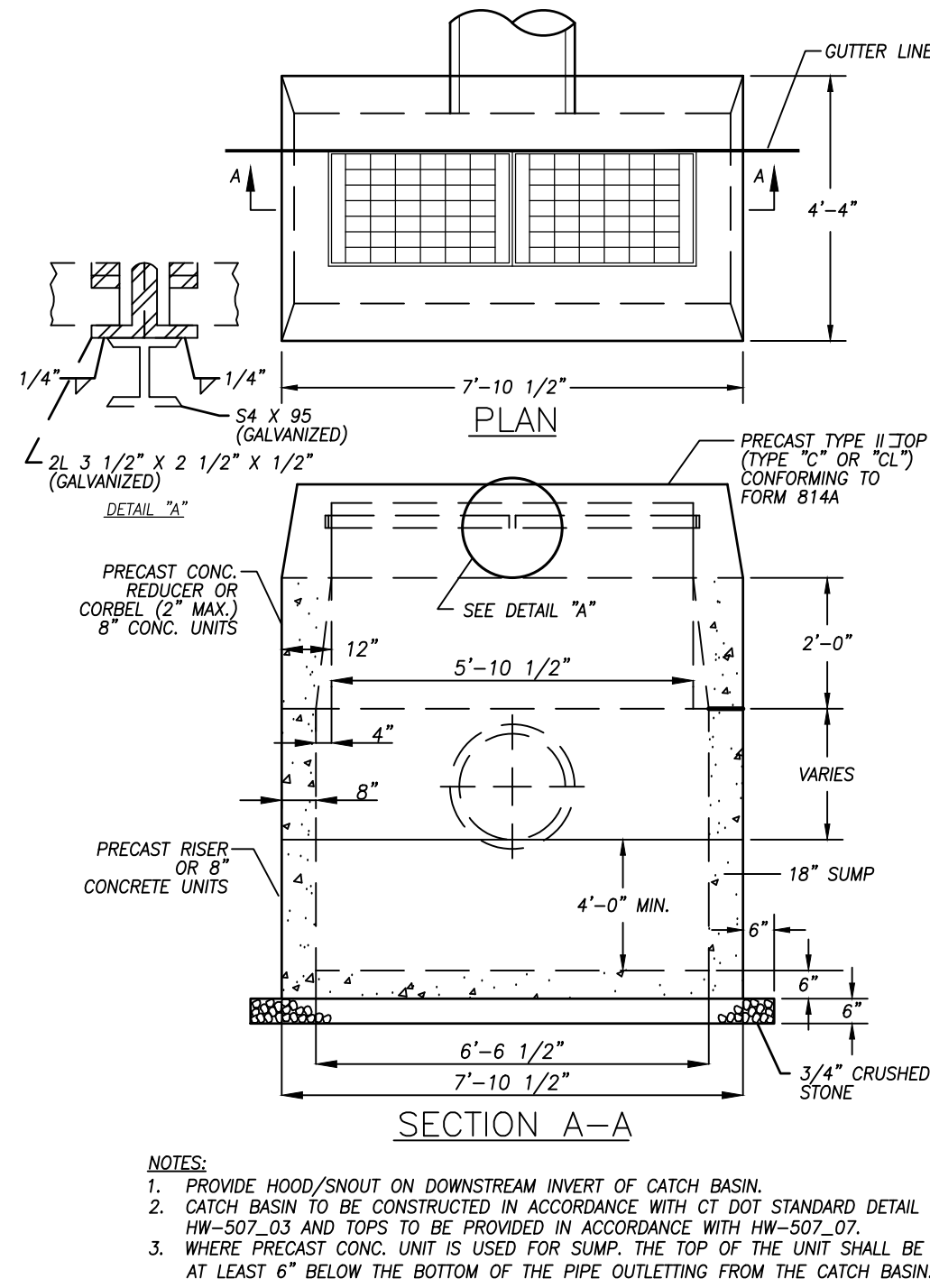
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- NOTES:
1. PROVIDE HOOD/SNOUT ON DOWNSTREAM INVERT OF ALL CATCH BASINS.
  2. CATCH BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH CT DOT STANDARD DETAIL HW-507.01 AND TOPS TO BE PROVIDED IN ACCORDANCE WITH HW-507.07.
  3. WHERE PRECAST CONC. UNIT IS USED FOR SUMP, THE TOP OF THE UNIT SHALL BE AT LEAST 6" BELOW THE BOTTOM OF THE PIPE OUTLETING FROM THE CATCH BASIN.

### TYPE "C", "C-L" OR "C-G" CATCH BASIN

NOT TO SCALE

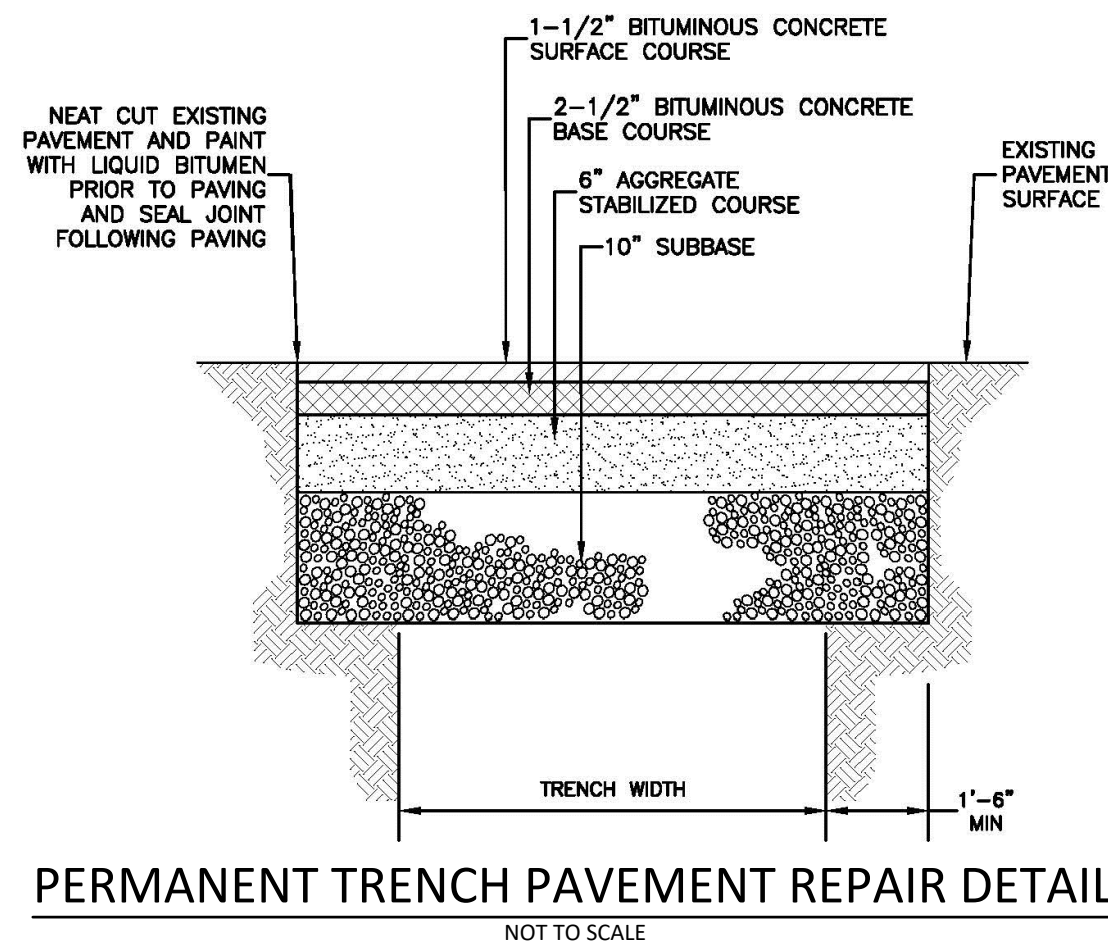


- NOTES:
1. PROVIDE HOOD/SNOUT ON DOWNSTREAM INVERT OF CATCH BASIN.
  2. CATCH BASIN TO BE CONSTRUCTED IN ACCORDANCE WITH CT DOT STANDARD DETAIL HW-507.03 AND TOPS TO BE PROVIDED IN ACCORDANCE WITH HW-507.07.
  3. WHERE PRECAST CONC. UNIT IS USED FOR SUMP, THE TOP OF THE UNIT SHALL BE AT LEAST 6" BELOW THE BOTTOM OF THE PIPE OUTLETING FROM THE CATCH BASIN.

### DOUBLE CATCH BASIN TYPE II DETAIL

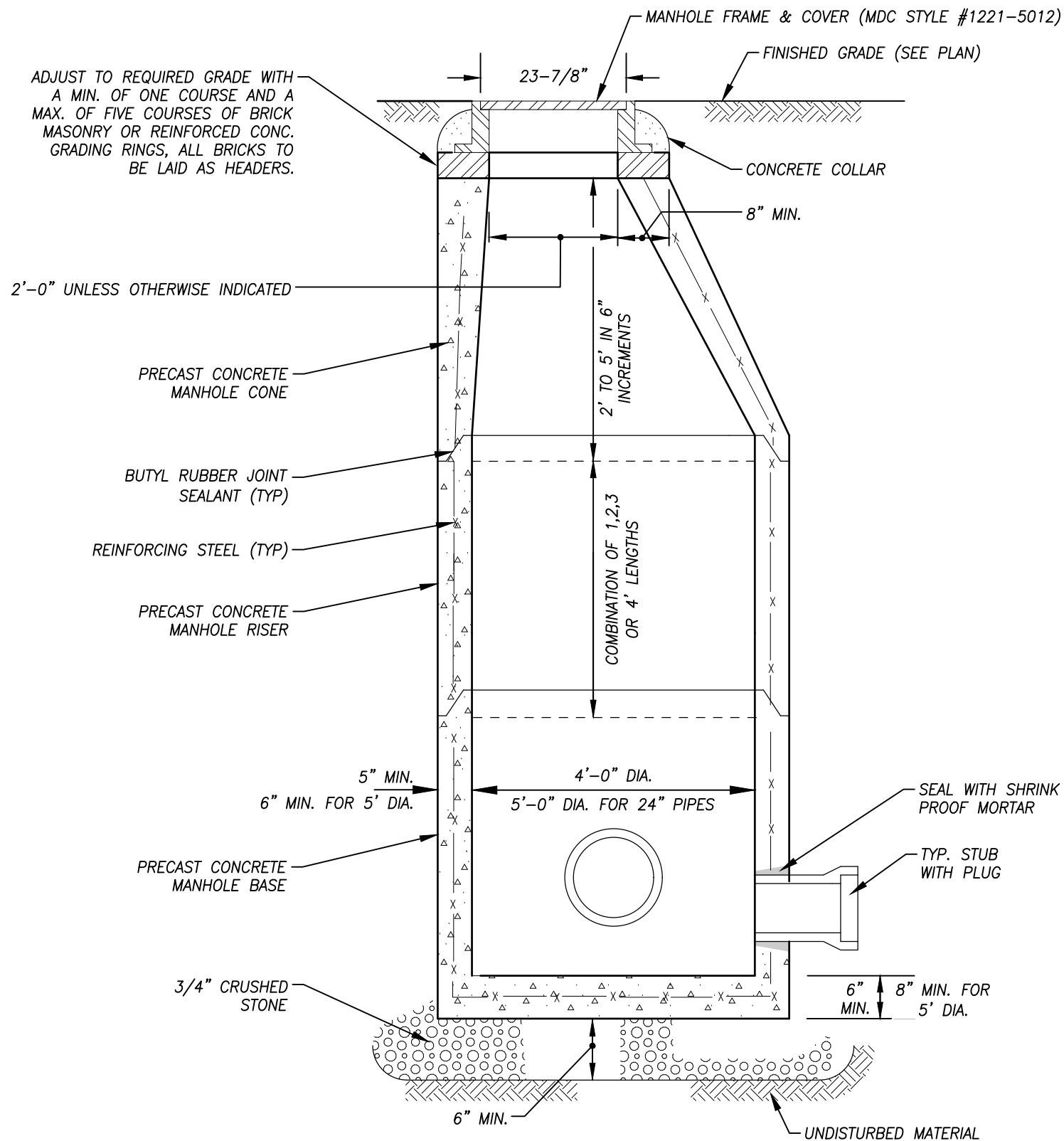
NOT TO SCALE

NOTE:  
THE CONTRACTOR SHALL MAINTAIN A MINIMUM  
15' WIDE TRAVEL WAY AT ROAD CROSSINGS  
AT ALL TIMES DURING CONSTRUCTION.



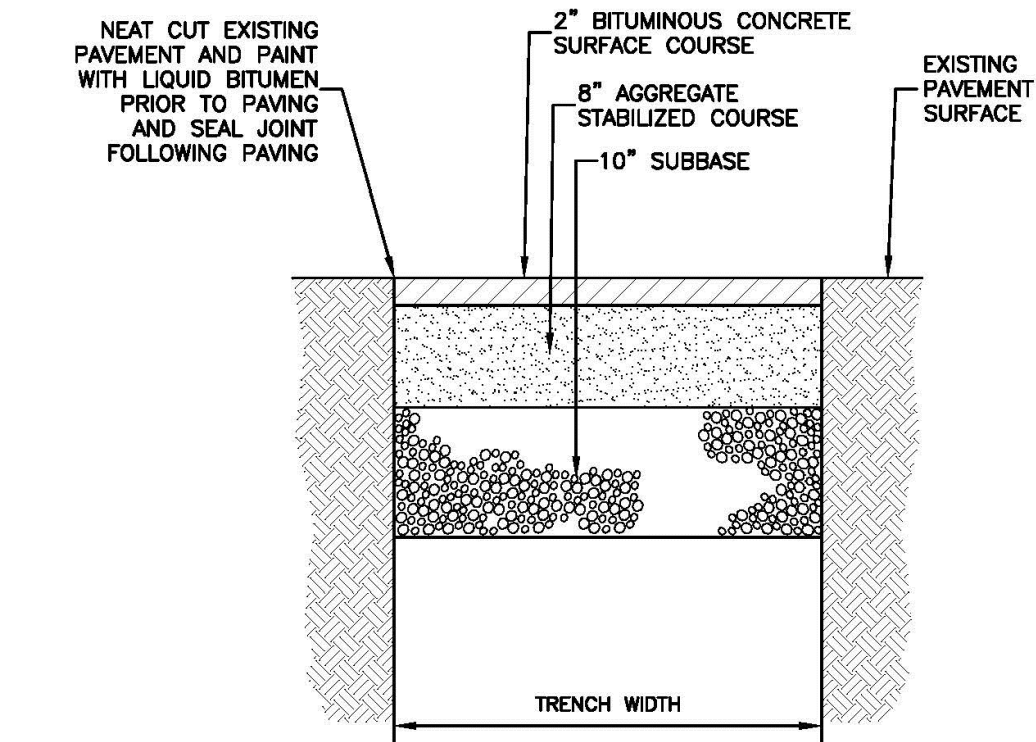
### PERMANENT TRENCH PAVEMENT REPAIR DETAIL

NOT TO SCALE



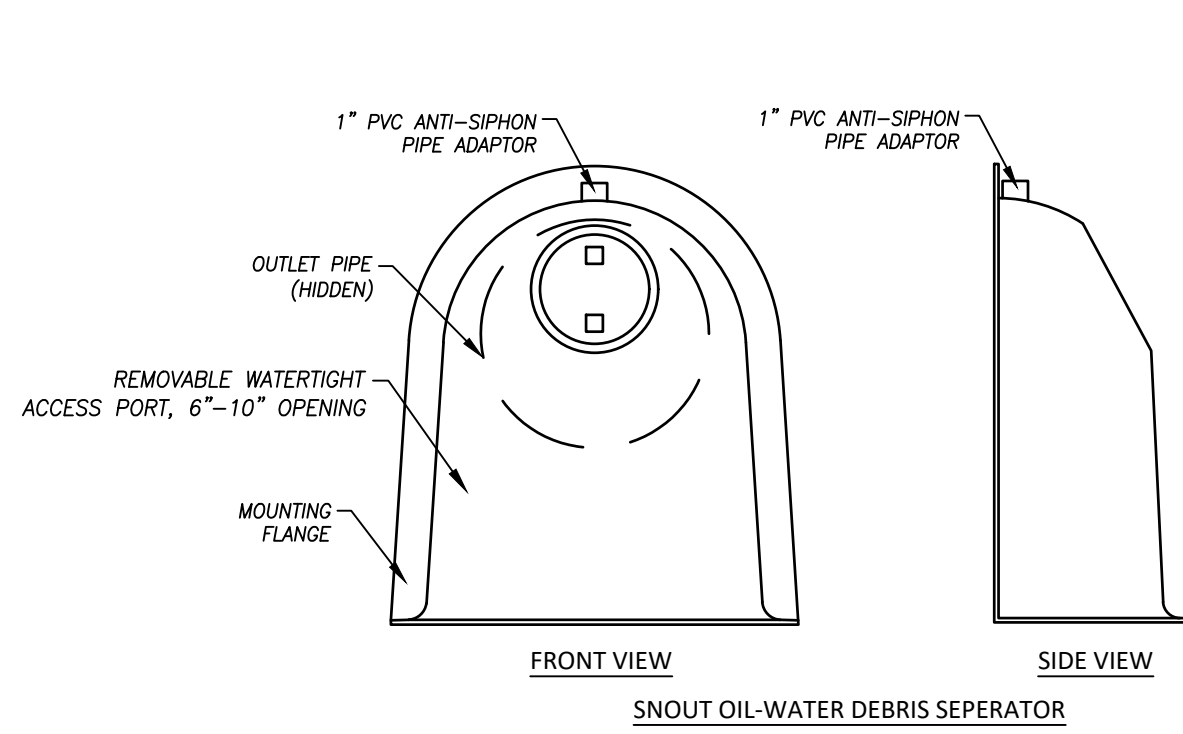
### PRECAST CONCRETE STORM DRAIN MANHOLE DETAIL

NOT TO SCALE



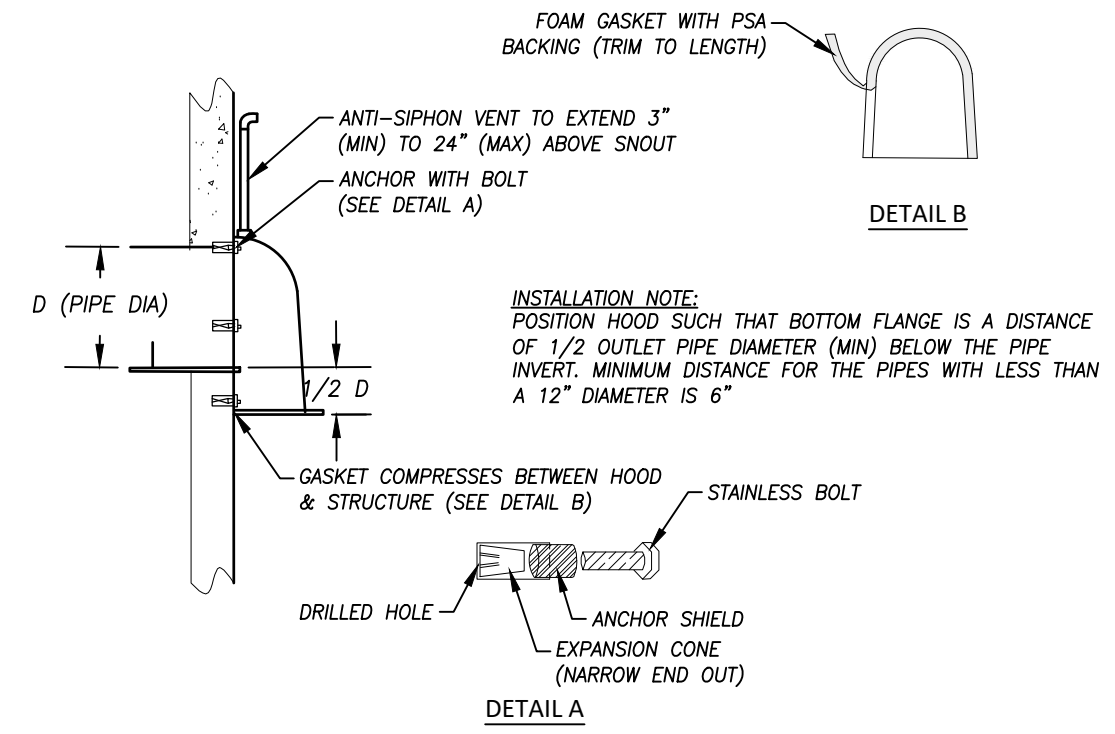
### TEMPORARY TRENCH PAVEMENT REPAIR DETAIL

NOT TO SCALE

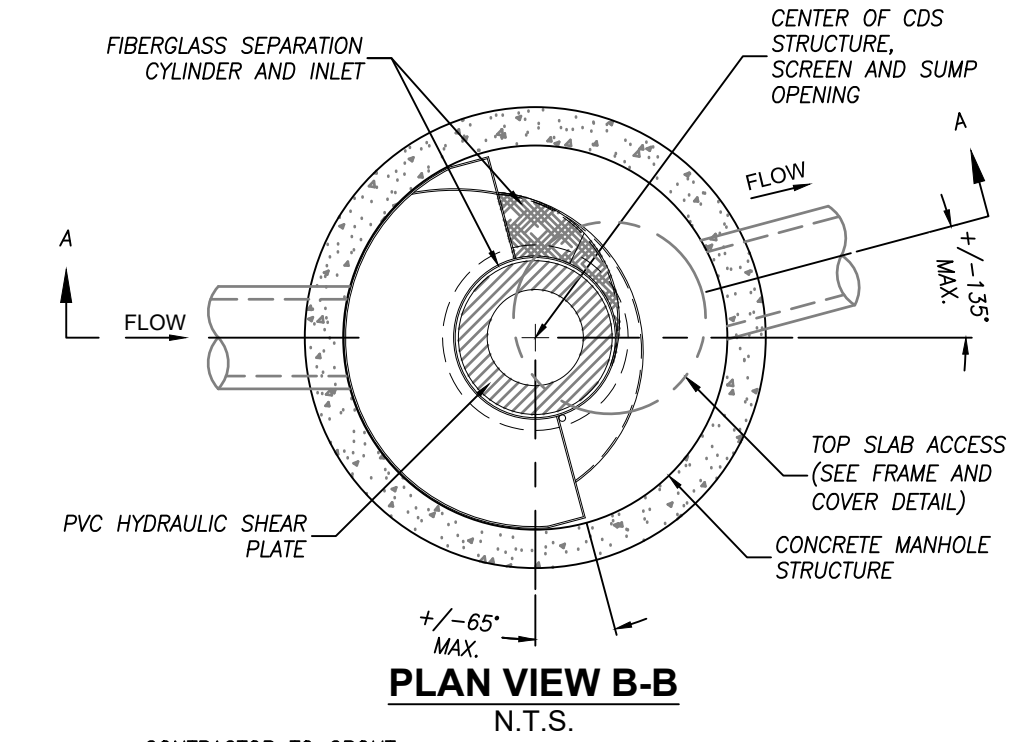


### CATCH BASIN HOODED OUTLET

NOT TO SCALE

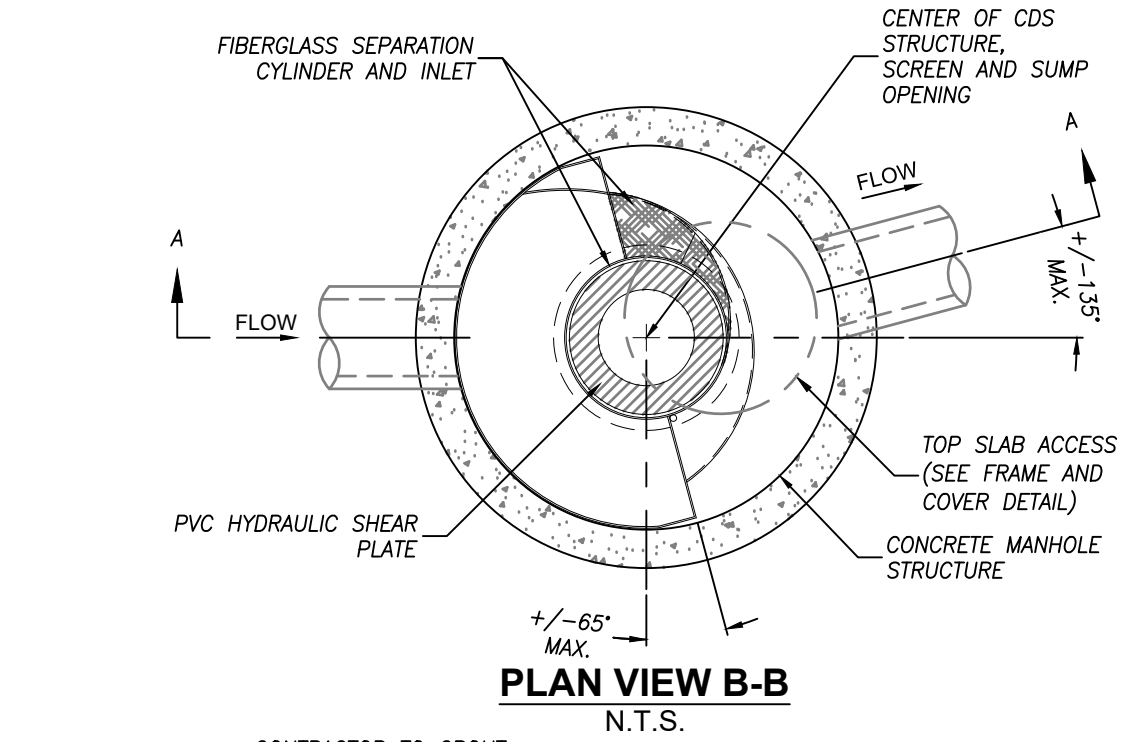


- NOTES:
1. ALL HOODS AND TRAPS FOR CATCH BASINS AND OUTLET CONTROL STRUCTURES SHALL BE AS MANUFACTURED BY BEST MANAGEMENT PRODUCTS, INC., OR APPROVED EQUAL.
  2. THE SIZE AND POSITION OF THE HOOD SHALL BE DETERMINED BY OUTLET PIPE SIZE AND THE MANUFACTURER'S RECOMMENDATIONS.
  3. THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL.
  4. THE HOOD SHALL BE SECURELY ATTACHED TO THE STRUCTURE WALL WITH 3/8" STAINLESS STEEL BOLTS AND OIL-RESISTANT GASKET AS PROVIDED BY THE MANUFACTURER SUPPLIED INSTALLATION KIT.



### STORM DRAIN TRENCH DETAIL

NOT TO SCALE



### PLAN VIEW B-B N.T.S.

### ELEVATION A-A N.T.S.

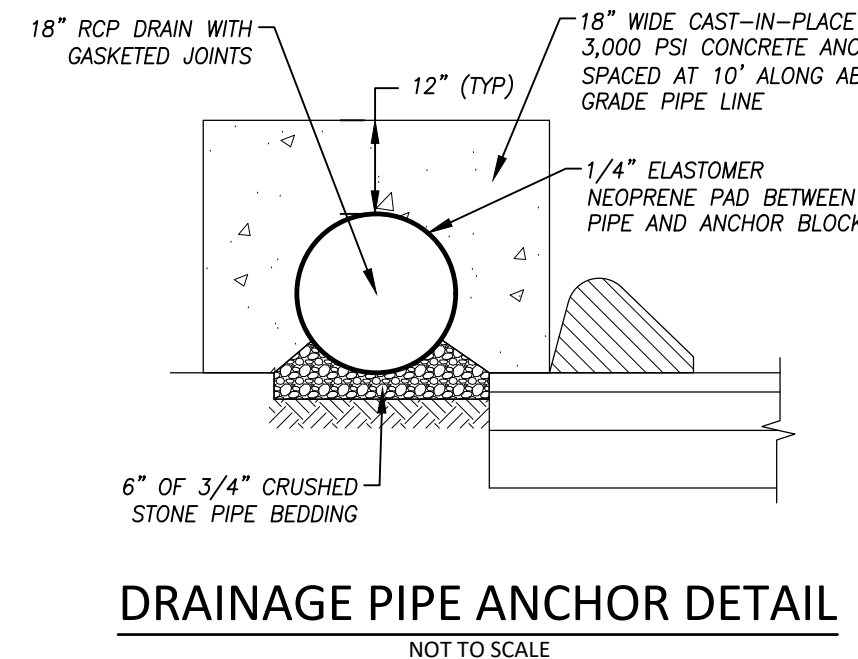
- GENERAL NOTES:
1. CDS WATER QUALITY STRUCTURE BY CONTECH, OR EQUAL, SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
  2. STRUCTURE SHALL MEET AASHTO H520 AND CASTINGS SHALL MEET AASHTO M306 LOAD RATING, ASSUMING GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION.
  3. PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.
- INSTALLATION NOTES:
1. CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE.
  2. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN ON PLAN.
  3. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. ALL JOINTS BELOW PIPE INVERTS SHALL BE GROUTED.

- SHOP DRAWING SUBMITTALS SHALL INCLUDE:
1. "TREATED" FLOW FOR THE SPECIFIED SYSTEM AND MODEL, WHICH SHALL EQUAL OR EXCEED THE WATER QUALITY FLOW.
  2. PEAK FLOW CAPACITY WITHOUT RE-SUSPENDING SOLIDS.
  3. CALCULATIONS OR DOCUMENTATION VERIFYING THAT 50% (MIN.) OF THE AVERAGE ANNUAL TOTAL SUSPENDED SOLIDS WILL BE REMOVED FROM THE WATER QUALITY FLOW.
  4. ORIENTATION OF THE SYSTEM IN PLAN VIEW WITH RESPECT TO THE APPROVED PLANS (IF DIFFERENT THAN SHOWN ON THE APPROVED PLANS)

HYDRODYNAMIC SEPARATOR DATA				
DESIGNATION	MODEL NUMBER	TREATMENT CAPACITY PER CT DOT	DESIGN WATER QUALITY FLOW	REQUIRED BYPASS
HDS A	CDS 5640-10-C	5.8 CFS	3.82 CFS	36.26 CFS
HDS B	CASCADE CS-3	1.0 CFS	0.68 CFS	6.19 CFS
CB-E	CASCADE CS-3	1.0 CFS	0.19 CFS	4.9 CFS
CB-F	CASCADE CS-3	1.0 CFS	0.25 CFS	4.9 CFS
HDS 1	CDS 4030-8-C	3.7 CFS	2.38 CFS	15.98 CFS
HDS 2	CDS 5640-10-C	5.8 CFS	4.38 CFS	26.65 CFS
HDS 3	CDS 4030-8-C	3.7 CFS	2.83 CFS	17.21 CFS

### CONTECH CDS HYDRODYNAMIC SEPARATOR DETAIL

NOT TO SCALE



### DRAINAGE PIPE ANCHOR DETAIL

NOT TO SCALE

## Site Operations/Development Plan

### "Notes and Details - 2"

Prepared for

Gateway Montville, LLC  
125 & 133 Depot Road - Uncasville, Connecticut

SCALE: As Noted

DATE: May 2022

JOB I.D. NO. 22-3140

### Revisions

Rev. A - Per Town Staff  
Review - 6/17/22

SHEET NO.

21

22

BOUNDARIES

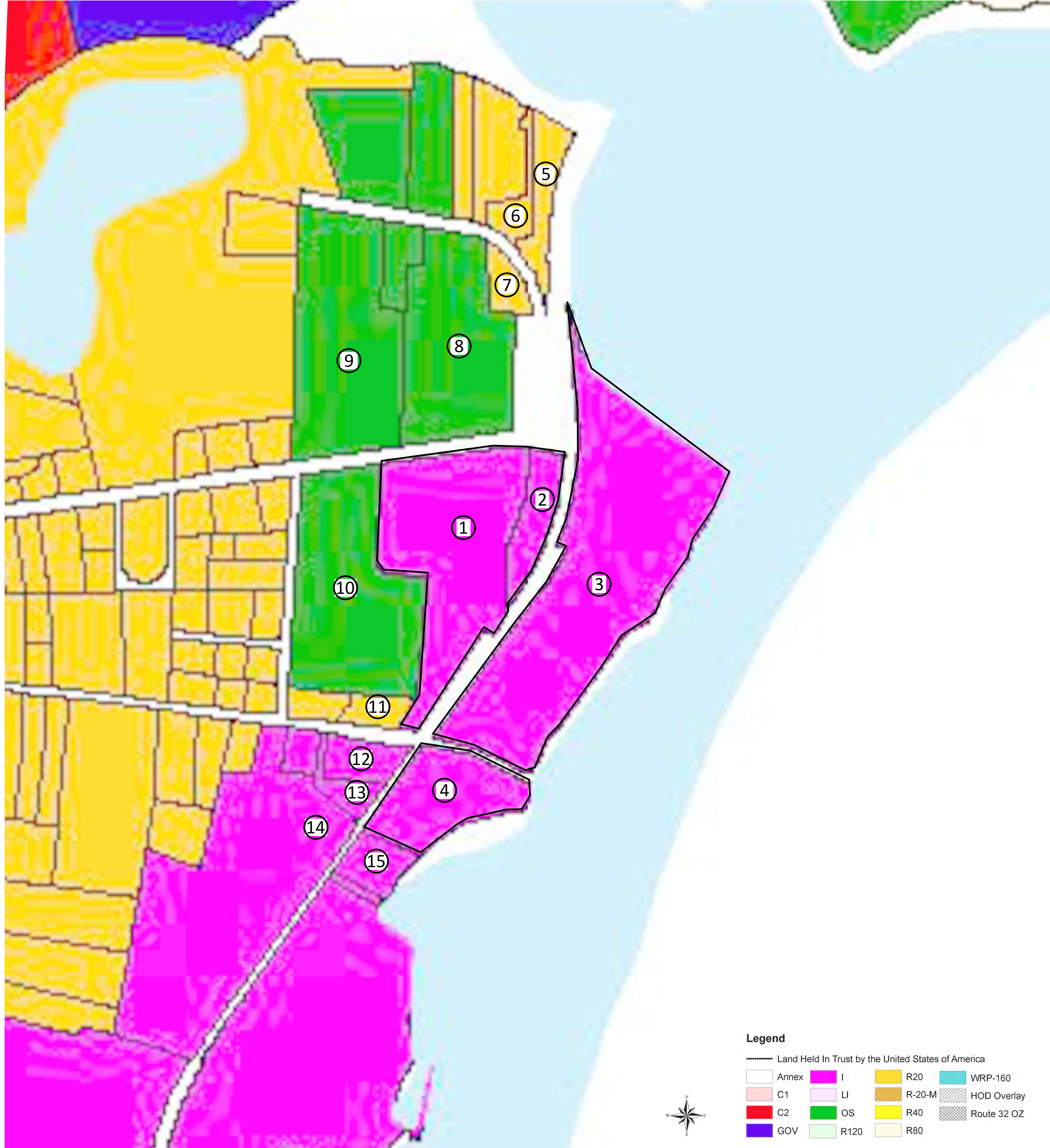
CIVIL ENGINEERING LAND SURVEYING LAND USE PLANNING SOIL SCIENCE  
Boundaries LLC  
179 Pachaug River Drive, Griswold, CT 06351  
T 860.376.2006 | www.boundariesllc.net



\\192.168.2.3\PROJECTS\CIVIL 3D PROJECTS\2021\22-3140 GATEWAY TERMINAL.DWG\DESIGN\DEPOT ROAD NOTES AND DETAILS.DWG



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Zoning Map

Scale: 1" = 200'±

125 and 133 Depot Road Abutting Properties					
Identification	Address	Map, Block, Lot	Owner Address	Zoning Designation	Property Use
1	133 Depot Road	071-001-000	Uncasville LLC, 1515 Des Peres Road, St. Louis, MO 63131	I - Industrial	Subject Property - Industrial
2	Depot Road	071-013-000	Uncasville LLC, 1515 Des Peres Road, St. Louis, MO 63131	I - Industrial	Subject Property - Industrial
3	125 Depot Road	071-007-000	Uncasville LLC, 1515 Des Peres Road, St. Louis, MO 63131	I - Industrial	Subject Property - Industrial
4	55 Dock Road	071-008-000	Uncasville LLC, 1515 Des Peres Road, St. Louis, MO 63131	I - Industrial	Subject Property - Industrial
5	Depot Road Extension	075-006-000	Uncasville LLC, 1515 Des Peres Road, St. Louis, MO 63131	R20 - Residential 20	Vacant Land
6	173 Depot Road Extension	075-005-000	Stauffer-Johnson, Joanne J., 173 Depot Road Extension, Uncasville, CT 06382	R20 - Residential 20	Residential
7	170 Depot Road Extension	075-002-000	Archer, Ryan M., 170 Depot Road Ext., Uncasville, CT 06382	R20 - Residential 20	Residential
8	120 Depot Road	075-001-000	St. Patrick Cemetery, 815 Boswell Avenue, Norwich, CT 06360	OS - Open Space	Cemetery
9	114 Depot Road	075-026-000	Comstock Cemetery, PO Box 108, Montville, CT 06353	OS - Open Space	Cemetery
10	14 Peter Avenue	071-004-000	Comstock Cemetery, PO Box 108, Montville, CT 06353	OS - Open Space	Cemetery
11	48 Dock Road	071-006-000	Perkins, Frederick H. & Eleanor M., 48 Dock Road, Uncasville, CT 06382	R20 - Residential 20	Vacant Land
12	49 Dock Road	071-011-000	Eichelberg, Kurt E. & Sandra J., 4 Fawn Drive, Gales Ferry, CT 06335	I - Industrial	Residential
13	45 Dock Road	071-012-000	Strazza, Krista M., 14 Bolles Lane, Mystic, CT 06355	I - Industrial	Residential
14	39 Dock Road	070-094-000	Waterfront Realty Inc., PO Box 482, New London, CT 06320	I - Industrial	Residential
15	61 Dock Road	071-009-000	Waterfront Realty Inc., PO Box 482, New London, CT 06320	I - Industrial	Light Industrial

Site Operations/Development Plan  
"Adjacent Properties List and Zoning Map"

Prepared for  
Gateway Montville, LLC  
125 & 133 Depot Road - Uncasville, Connecticut

SCALE:	As Noted
DATE:	May 2022
JOB I.D. NO.	22-3140
Revisions	
Rev. A - Per Town Staff	
Review - 6/17/22	

SHEET NO.

22 / 22