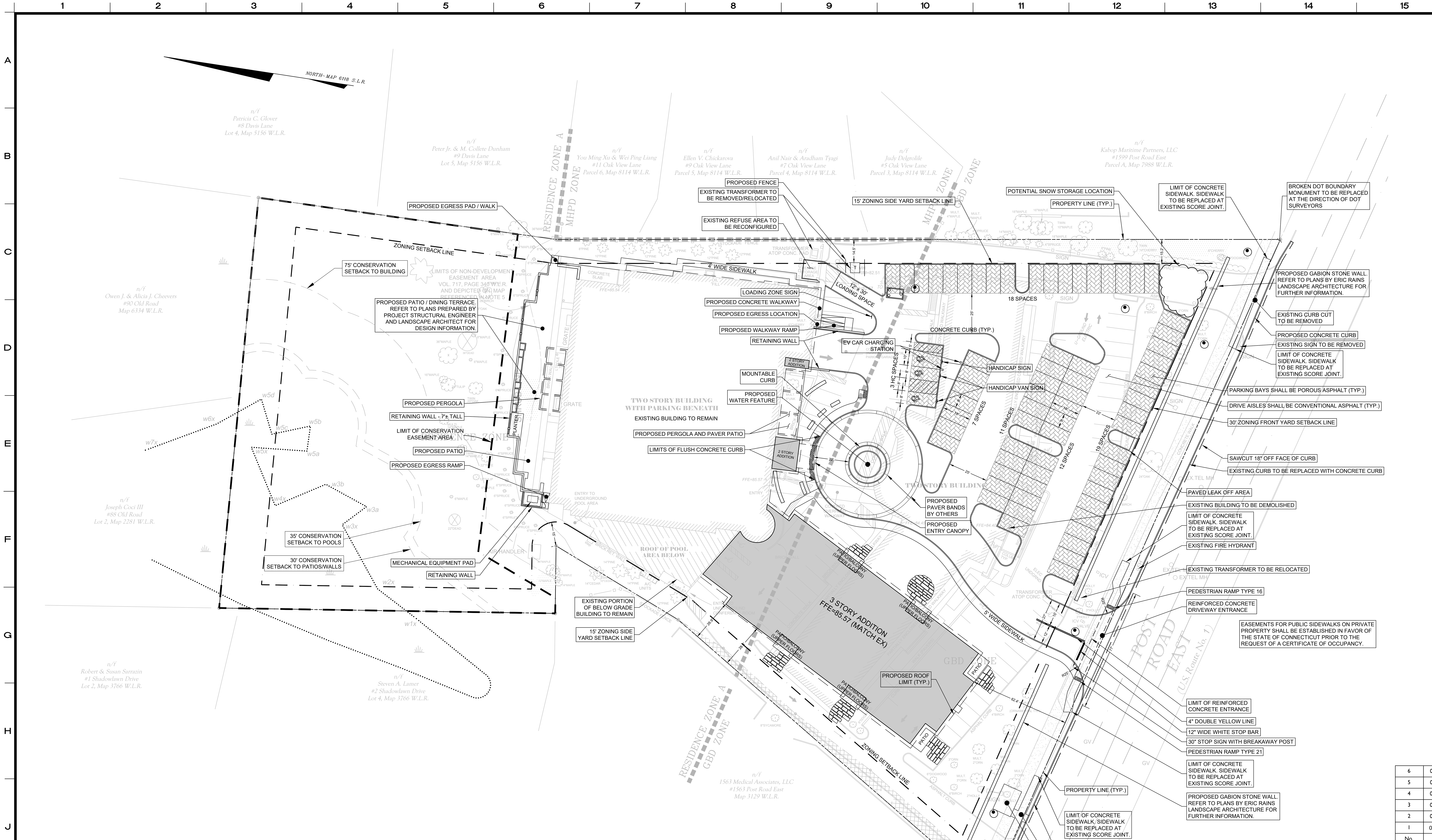
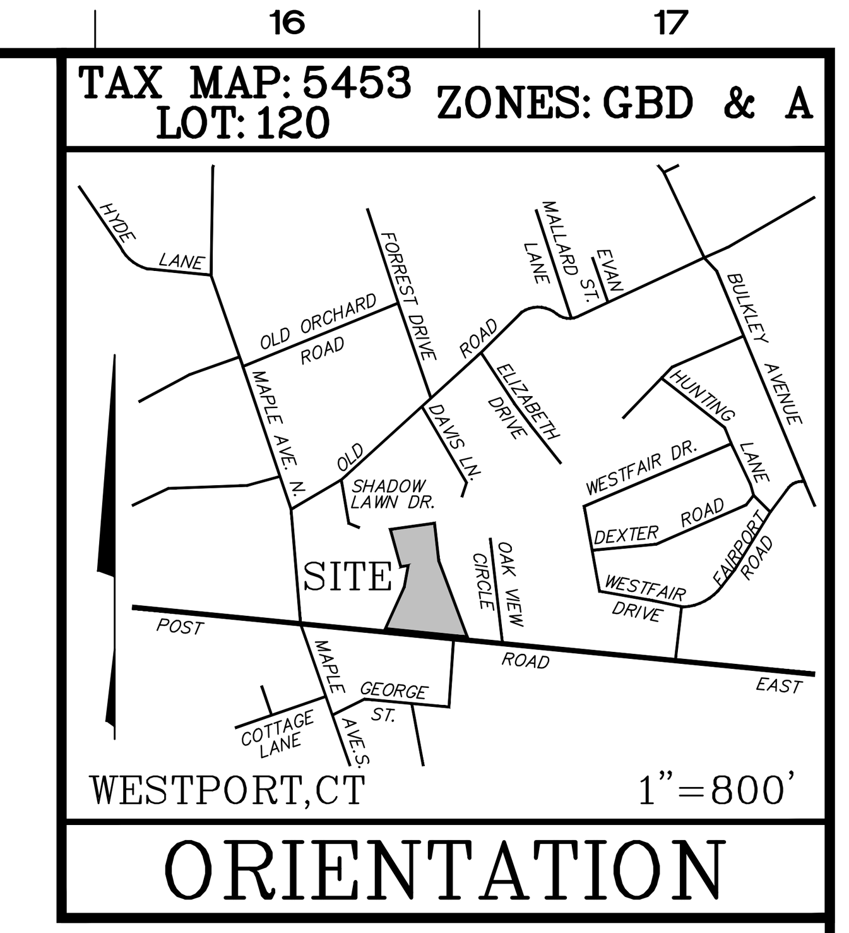




10/18/2022 02/21/2023 - Revised	Residence A District			General Business District			TOTAL			NOTES
	Req/Allowed	Existing	Proposed	*Req/Allowed*	Existing	Proposed	*Req/Allowed*	Existing	Proposed	
Lot Size/Shape										
Gross Lot Area	-	91,173 sf 2.09 ac	91,173 sf 2.09 ac	-	74,348 sf 1.71 ac	74,348 sf 1.71 ac	3.00 ac	165,521 sf 3.80 ac	165,521 sf 3.80 ac	
Net Lot Area	-	84,625 sf 1.94 ac	84,625 sf 1.94 ac	-	71,986 sf 1.65 ac	71,986 sf 1.65 ac	-	156,611 sf 3.60 ac	156,611 sf 3.60 ac	
Arterial Street Frontage	n/a		n/a	200'	447'	447'	200'	447'	447'	
Setbacks										
Front	-	-	-	30'	81'	62'	30'	81'	62'	
Side	15'	10.5'	15'	15'	20'	15'	15'	10.5'	15'	
Rear	25'	199'	163'	-	-	-	25'	199'	163'	
Landscaping Buffer										
Front	-	-	-	30'	24.7'	30'	30'	24.7'	30'	
Side	15'	0.9'	12.0'		-	-	15'	0.9'	12.0'	Prop. Measured to Ex. Refuse enclosure to remain; Pr. Development > 15'
Building Height										
Stories	2.5	2	3	2	2	3	3	-	3	§6-6.1.2.d
Feet	35'	30'±	39.1'	25'	25'±	39.1'	40'	-	39.1'	§6-6.1.2.d
Coverage										
Max. Building Coverage	(15.0%) 12,694 sf	(29.5%) 24,949 sf	(32.5%) 27,533 sf	(25.0%) 17,997 sf	(26.9%) 19,349 sf	(13.2%) 9,528 sf	-	(28.3%) 44,298 sf	(23.7%) 37,061 sf	
Max. Total Coverage	(25.0%) 21,156 sf	(40.1%) 33,906 sf	(40.1%) 33,907 sf	-	(70.1%) 50,458 sf	(56.8%) 40,891 sf	-	(53.9%) 84,364 sf	(47.8%) 74,798 sf	
Floor Area										
Max. Total Floor Area	n/a	0.40 36,766	0.51 46,695 sf	0.25 18,587 sf	0.62 46,174 sf	0.37 27,247 sf	n/a	0.50 82,940 sf	0.45 73,942 sf	
Restaurant - Front of House								5,038 sf	3,162 sf	
Restaurant - Back of House/Kitchen								2,216 sf	1,446 sf	
Meeting Rooms								1,405 sf	-	
Rooms										
Hotel Rooming Units	n/a			n/a		n/a	n/a	116	86	Prop. - 89 Bedrooms
Parking										
Required Hotel Room Spaces								116	89	§34-5 - Lodging House - 1 space/room or bedroom, whichever is greater
Restaurant-Front of House								100.8	63.2	§34-5 - 1 space/50 sf
Restaurant-Back of House/Kitchen								4.4	2.9	§34-5 - 1 space/500 sf
Total Required Parking Spaces								**221.2**	**155.1**	
Total Parking Spaces Provided								**128**	**121**	Self Park Only; Valet: Exist.-73 spaces (SP/SP#10-053); Prop.-30 spaces (Garage Only)
Parking Deficit								**-93**	**-34**	Deficit reduced by 74 - moves in direction of conformity
Garage Spaces		47	51		0	0		47	51	
Surface Spaces		16	1		65	69		81	70	

No.	Date	Revision
6	06/07/2023	PERMIT SET
5	02/21/2023	REVISED BUILDING FOOTPRINT
4	09/07/2022	REVISED PER DOT COMMENTS
3	08/09/2022	SITE PLAN AND ZONING DATA CHART UPDATES
2	06/13/2022	SITE PLAN AND ZONING DATA CHART UPDATES
1	05/06/2022	ORIGINAL ISSUE DATE

ZONING SITE PLAN
DEPICTING
1595 POST ROAD EAST
WESTPORT, CT
PREPARED FOR
DELAMAR WESTPORT LLC

REDNISS & MEAD
LAND SURVEYING
CIVIL ENGINEERING
PLANNING & ZONING CONSULTING
PERMITTING
22 First Street | Stamford, CT 06905
Tel: 203.327.0500 | Fax: 203.357.1118
www.rednissmead.com

SCALE: 1"=30' 0 30 60

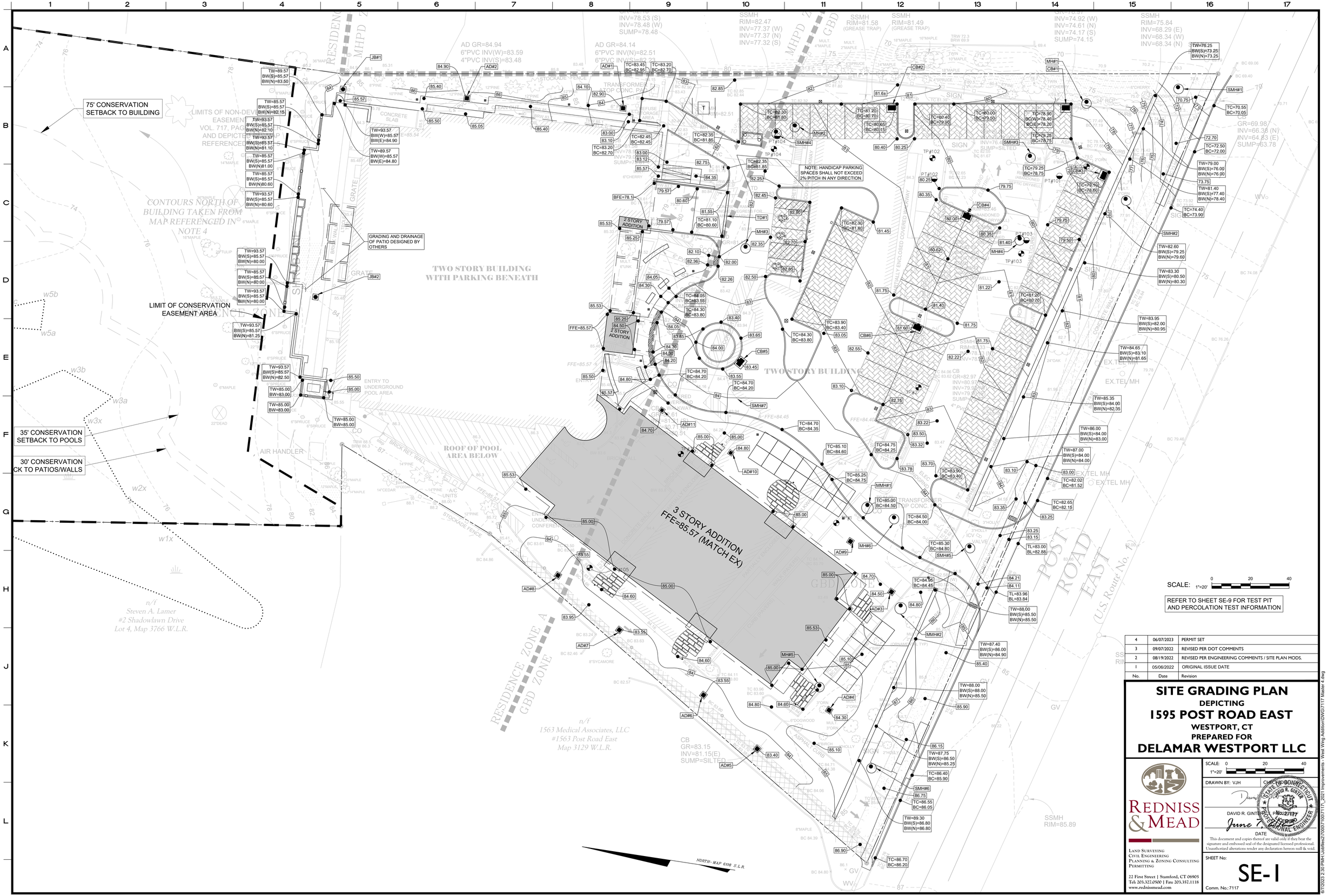
DRAWN BY: VJH CHECKED BY: DRG

DAVID R. GINTER, P.E.

DATE: June 7, 2023

SHEET No: ZSP-1

Comm. No.: 7117



No.	Date	Revision
4	06/07/2023	PERMIT SET
3	09/07/2022	REVISED PER DOT COMMENTS
2	08/19/2022	REVISED PER ENGINEERING COMMENTS / SITE PLAN MODS.
1	05/06/2022	ORIGINAL ISSUE DATE

SITE GRADING PLAN
DEPICTING
1595 POST ROAD EAST
WESTPORT, CT
PREPARED FOR
DELAMAR WESTPORT LLC

REDNISS & MEAD
LAND SURVEYING
CIVIL ENGINEERING
PLANNING & ZONING CONSULTING
PERMITTING
22 First Street | Stamford, CT 06905
Tel: 203.327.0500 | Fax 203.357.1118
www.rednissmead.com

SCALE: 1"=20' 0 20 40

DRAWN BY: VJH CHECKED BY: DRG

STATE OF CONNECTICUT · DAVID R. GINTER · 27177 · REGISTERED PROFESSIONAL ENGINEER

DAVID R. GINTER, P.E. No. 27177

DATE

This document and copies thereof are valid only if they bear the signature and embossed seal of the designated licensed professional. Unauthorized alterations render any declaration hereon null & void.

SHEET No: SE-1

Comm. No.: 7117

6/7/2023 2:30 PM H:\Jobfiles\27000s\7100s\7117_2021 Improvements - West Wing Addition\DWG\7117 Master 4.dwg

75' CONSERVATION SETBACK TO BUILDING

35' CONSERVATION SETBACK TO POOLS

30' CONSERVATION SETBACK TO PATIOS/WALLS

LIMITS OF NON-DEVELOPMENT EASEMENT AREA VOL. 717, PAGE 340 W.L.R. AND DEPICTED ON MAP REFERENCED IN NOTE 5

CONTOURS NORTH OF BUILDING TAKEN FROM MAP REFERENCED IN NOTE 4

LIMIT OF CONSERVATION EASEMENT AREA

n/f Steven A. Lamer #2 Shadowlawn Drive Lot 4, Map 3766 W.L.R.

n/f 1563 Medical Associates, LLC #1563 Post Road East Map 3129 W.L.R.

TWO STORY BUILDING WITH PARKING BENEATH

2 STORY ADDITION

2 STORY ADDITION

3 STORY ADDITION FFE=85.57 (MATCH EX)

TWO STORY BUILDING

ROOF OF POOL AREA BELOW

AIR HANDLER

ENTRY TO UNDERGROUND POOL AREA

RESIDENCE ZONE A

GBD ZONE

POST ROAD EAST (U.S. Route No. 1)

JUNCTION BOX (JB#1)

EXISTING AREA DRAIN TO BE REPLACED AD#2

EXISTING AREA DRAIN TO BE REMOVED AD#1

TEN (10) 4" PVCP CONDUITS FOR ELECTRICAL SERVICE INV.=76.75

TWO (2) 5" PVCP CONDUITS FOR ELECTRICAL SERVICE CONNECTION.

EXISTING SANITARY MANHOLE TO BE REMOVED

DOGHOUSE MANHOLE (MH#1) EXISTING 24" OUTLET PIPE TO REMAIN.

EXISTING UTILITY POLES TO BE REMAIN

PORTION OF EXISTING GAS SERVICE TO BE RE-ROUTED AS NECESSARY TO AVOID GRADING AND UTILITY CONFLICT. CONTRACTOR TO VERIFY OTHER AREAS CAN REMAIN AND RE-ROUTE AS NECESSARY TO AVOID GRADING AND UTILITY CONFLICTS.

EXISTING 8" PVC SANITARY PIPE TO REMAIN.

SANITARY MANHOLE (SMH#1). EXISTING UPSTREAM 8" PIPE SHALL BE REMOVED / ABANDONED IN ACCORDANCE WITH WPCA REQUIREMENTS.

EXISTING GAS SERVICE FOR REAR BUILDING TO REMAIN

LIMIT OF SAWCUT

4" VENT PIPE

PROPOSED 4" SAN. LATERAL INV.=80.80

1,200 GALLON GREASE TRAP (F.O.G.)

EXISTING 3" SANITARY FORCE LINE TO BE REROUTED

EXISTING 6" STORM FORCE LINE TO BE REROUTED

EXISTING WATER, TELEPHONE, AND CABLE SERVICES TO REMAIN. EXISTING ROUTING UNKNOWN - CONTRACTOR TO COORDINATE WITH SITE ENGINEER SHOULD EXISTING SERVICES BE FOUND IN CONFLICT WITH PROPOSED GRADING OR UTILITY INSTALLATIONS. TEST PITS REQUIRED TO VERIFY DEPTH MEETS UTILITY COMPANY REQUIREMENTS BASED UPON PROPOSED GRADES.

PROPOSED FIRE HYDRANT. EXISTING WATER SERVICE LOCATION TO BE FIELD LOCATED AND WATER LINE SHALL BE CONNECTED TO FIRE HYDRANT.

EV CAR CHARGING STATION

GRADING AND DRAINAGE OF PATIO DESIGNED BY OTHERS

ACO-TRENCH DRAIN K300S (GRATE TYPE 876D - LOAD CLASS C) WITH INLINE CB K3-903S TD#1

SANITARY CLEANOUT

EXISTING SANITARY SEWER SERVICE LOCATION TO BE RE-USED FOR 6" SEWER LATERAL. INV.=81.60 (V.I.F.)

CONNECT EXISTING ROOF LEADER DISCHARGE. RL#13 INV.=83.00

SITE LIGHTING (TYP.)

CONNECT EXISTING ROOF DRAIN DISCHARGE. CLEANOUT TO BE PROVIDED AT DISCHARGE LOCATION INV.=82.50

INV.=82.00

EXISTING SANITARY SEWER SERVICE AND CLEANOUT TO REMAIN. CLEANOUT SHALL BE FLUSH WITH FINISHED GRADE. EXISTING OUTLET TO BE PLUGGED AND NEW OUTLET INSTALLED. INVERT=80.00 (V.I.F.)

ROOF LEADER CLEANOUTS SHALL BE PROVIDED AT EACH DOWNSPOUT LOCATION (TYP.)

EXISTING UTILITY SERVICES TO BUILDING TO BE REMOVED SHALL BE REMOVED IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND UTILITY COMPANY REQUIREMENTS. IF ANY CONDUITS / PIPES ARE TO REMAIN THE CONTRACTOR SHALL PROVIDE A SKETCH FOR INCLUSION ON THE AS-BUILT SURVEY.

ROOF LEADERS SHALL CONNECT TO STORM TRUNK LINE (TYP.)

6" ROOF DISCHARGE INV.=82.50

SANITARY CLEANOUT AND 8" LATERAL SERVICE. INV.=80.50

SAN.INV.=78.67

EXISTING CATCH BASIN TO BE REMOVED

RL#10 INV.=81.80

INV.=80.05

INV.=80.75

RL#11 INV.=83.00

RL#9 INV.=82.00

RL#12 INV.=82.00

RL#8 INV.=83.00

RL#7 INV.=83.00

RL#6 INV.=82.50

INV.=82.30

RL#5 INV.=82.50

RL#1 INV.=82.50

RL#2 INV.=82.50

RL#3 INV.=82.50

RL#4 INV.=82.50

INV.=81.20

INFILTRATION SYSTEM #1 (INFIL#1)
FOURTEEN (14) 2' TALL RETAIN-IT UNITS
TOP OF UNIT =83.02
BOTTOM OF UNIT =80.35
BOTTOM OF STONE = 79.85
INV.IN=81.00 (RL#5)
INV.IN=80.35 (AD#10)
INV.IN=80.35 (AD#9)
INV.IN=79.85 (CB#5)
INV.IN=80.35 (MMH#1)
*2.5' TALL RETAIN-IT UNIT SHALL BE INSTALLED AT INLET OF CB#5 AND ONLY UPPER 2' OF STORAGE TO BE INCLUDED IN STORAGE CALCULATIONS.
(STONE NOT INCLUDED IN STORAGE CALCULATIONS)

INFILTRATION SYSTEM #2 (INFIL#2)
TEN (10) 2' TALL RETAIN-IT UNITS
TOP OF UNIT =82.97
BOTTOM OF UNIT =80.30
BOTTOM OF STONE = 79.80
INV.IN=80.30 (MH#5)
INV.IN=80.30 (MMH#2)
(STONE NOT INCLUDED IN STORAGE CALCULATIONS)

LIMIT OF RESERVOIR SEPARATION BACKFILL MATERIAL (TYP.). TOP OF MATERIAL SHALL BE SET 7" BELOW PROPOSED GRADE (TYP.).

BACKFILL MATERIAL SHALL BE SUBMITTED FOR REVIEW UPON CONTRACTOR RECEIPT OF SIEVE TEST RESULTS. CONTRACTOR SHALL COORDINATE WITH DESIGN ENGINEER TO COMPLETE A PERCOLATION TEST AFTER EXISTING FOUNDATION IS FILLED IN TO ENSURE MINIMUM PERCOLATION RATE MATCHES DESIGN RATE.

EXISTING WATER AND GAS SERVICES TO BE ABANDONED / REMOVED IN ACCORDANCE WITH LOCAL, STATE, AND UTILITY COMPANY REQUIREMENTS

EXISTING TRANSFORMER TO BE REMOVED AND CONDUITS TO BE ABANDONED / REMOVED IN ACCORDANCE WITH LOCAL, STATE, AND UTILITY COMPANY REQUIREMENTS

SCALE: 0 20 40 1"=20'

ALL UTILITIES MUST OBTAIN THEIR OWN HIGHWAY ENCROACHMENT PERMIT.

REFER TO SHEET SE-9 FOR INFORMATION RELATED TO SANITARY/STORM STRUCTURE AND PIPE DATA AND SOIL INFORMATION.

POROUS PAVEMENT DESIGN ELEVATIONS:

Type	Grade (ft)	T.O. Bedding Course	T.O Stone Reservoir	B.O Stone Reservoir	Porous Footprint (sf)
Porous 1	82.35-82.85	82.02-82.52	81.85-82.35	81.00	738
Porous 2A	82.25-83.40	81.92-83.07	81.75-82.90	80.92	567
Porous 2B	81.45-82.60	81.12-82.27	80.95-82.10	80.12	567
Porous 3A	81.60-83.32	81.27-82.99	81.10-82.82	79.60	1,782
Porous 3B	80.00-81.75	79.67-81.42	79.50-81.25	78.00	1,944
Porous 4A	82.16-83.70	81.83-83.37	81.66-83.20	80.83	810
Porous 4B	80.95-82.45	80.62-82.12	80.45-81.95	79.62	810
Porous 5A	79.57-81.00	79.24-80.67	79.07-80.50	78.24	728
Porous 5B	78.60-79.86	78.27-79.53	78.10-79.36	77.27	728
Porous 6	80.15-81.85	79.82-81.52	79.65-81.35	78.82	1,458
Porous 7	78.40-80.25	78.07-79.92	77.90-79.75	77.07	1,458

NOTES:
1. THE BOTTOM OF THE STONE RESERVOIR IS FLAT AT THE INDICATED ELEVATIONS.
2. REFER TO SHEET SE-6 FOR ADDITIONAL POROUS PAVEMENT DETAIL INFORMATION

NORTH - MAP 6118 W.L.R.

No.	Date	Revision
4	06/07/2023	PERMIT SET
3	09/07/2022	REVISED PER DOT COMMENTS
2	08/19/2022	REVISED PER ENGINEERING COMMENTS / SITE PLAN MODS.
1	05/06/2022	ORIGINAL ISSUE DATE

SITE UTILITY PLAN
DEPICTING
1595 POST ROAD EAST
WESTPORT, CT
PREPARED FOR
DELAMAR WESTPORT LLC

REDNISS & MEAD
LAND SURVEYING
CIVIL ENGINEERING
PLANNING & ZONING CONSULTING
PERMITTING
22 First Street | Stamford, CT 06905
Tel: 203.327.0500 | Fax: 203.357.1118
www.rednissmead.com

SCALE: 0 20 40 1"=20'

DRAWN BY: VJH CHECKED BY: DRG

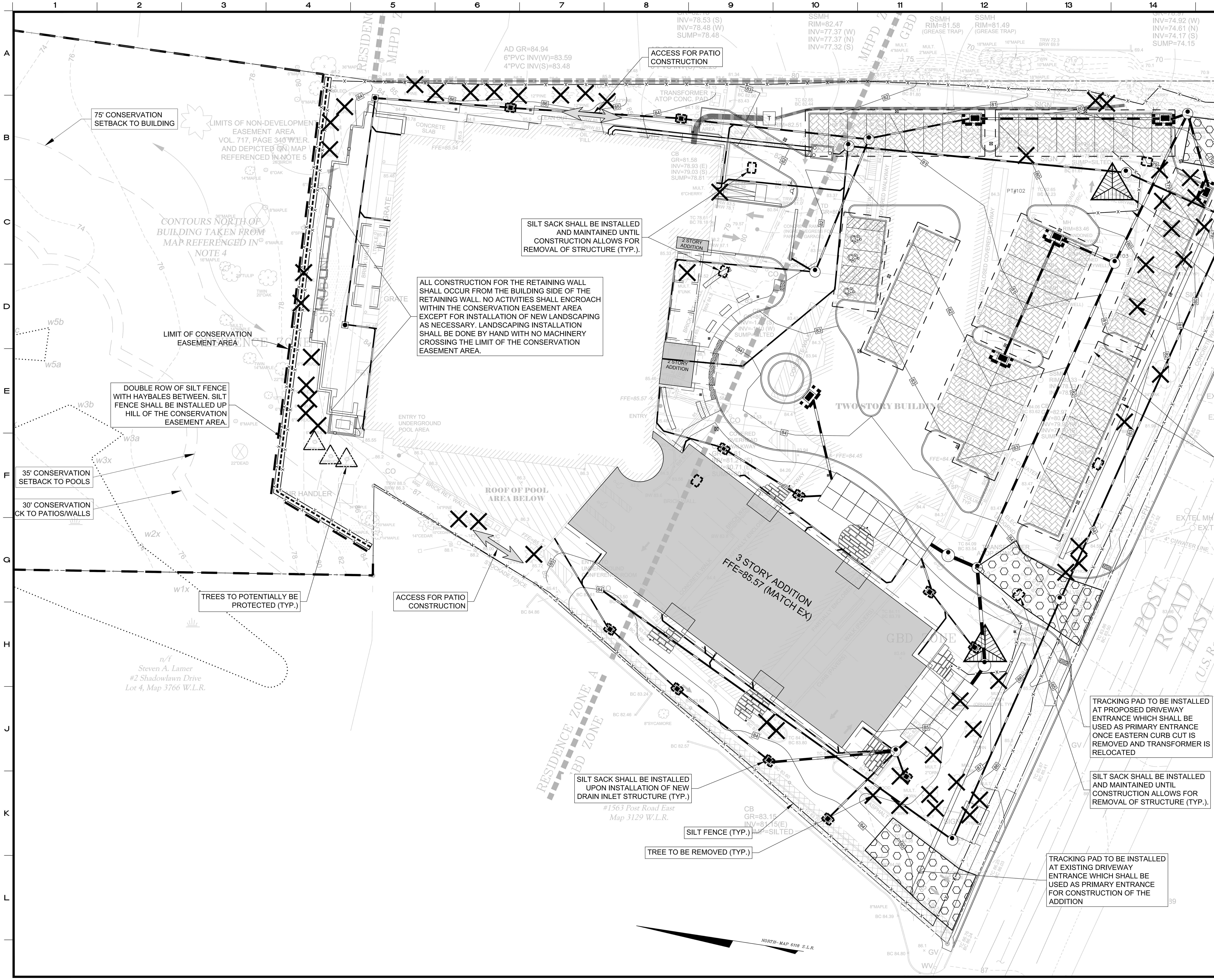
STATE OF CONNECTION — DAVID R. GINER — REGISTERED PROFESSIONAL ENGINEER

DAVID R. GINER, P.E.

DATE: June 7, 2023

SHEET No: SE-2

Comm. No.: 7117


ACCESS FOR PATIO CONSTRUCTION
75' CONSERVATION SETBACK TO BUILDING
LIMITS OF NON-DEVELOPMENT EASEMENT AREA VOL. 717, PAGE 340 W.L.R. AND DEPICTED ON MAP REFERENCED IN NOTE 5
CONTOURS NORTH OF BUILDING TAKEN FROM MAP REFERENCED IN NOTE 4
SILT SACK SHALL BE INSTALLED AND MAINTAINED UNTIL CONSTRUCTION ALLOWS FOR REMOVAL OF STRUCTURE (TYP.).
ALL CONSTRUCTION FOR THE RETAINING WALL SHALL OCCUR FROM THE BUILDING SIDE OF THE RETAINING WALL. NO ACTIVITIES SHALL ENCROACH WITHIN THE CONSERVATION EASEMENT AREA EXCEPT FOR INSTALLATION OF NEW LANDSCAPING AS NECESSARY. LANDSCAPING INSTALLATION SHALL BE DONE BY HAND WITH NO MACHINERY CROSSING THE LIMIT OF THE CONSERVATION EASEMENT AREA.
LIMIT OF CONSERVATION EASEMENT AREA
DOUBLE ROW OF SILT FENCE WITH HAYBALES BETWEEN. SILT FENCE SHALL BE INSTALLED UP HILL OF THE CONSERVATION EASEMENT AREA.
35' CONSERVATION SETBACK TO POOLS
30' CONSERVATION SETBACK TO PATIOS/WALLS
TREES TO POTENTIALLY BE PROTECTED (TYP.)
ACCESS FOR PATIO CONSTRUCTION
ROOF OF POOL AREA BELOW
3 STORY ADDITION FFE=85.57 (MATCH EX)
TWO STORY BUILDING
2 STORY ADDITION
GBD ZONE
RESIDENCE ZONE A
n/f Steven A. Lamer #2 Shadowlawn Drive Lot 4, Map 3766 W.L.R.
#1563 Post Road East Map 3129 W.L.R.
POST ROAD EAST (U.S. Route No. 1)
SILT SACK SHALL BE INSTALLED UPON INSTALLATION OF NEW DRAIN INLET STRUCTURE (TYP.)
SILT FENCE (TYP.)
TREE TO BE REMOVED (TYP.)
TRACKING PAD TO BE INSTALLED AT EXISTING DRIVEWAY ENTRANCE WHICH SHALL BE USED AS PRIMARY ENTRANCE FOR CONSTRUCTION OF THE ADDITION
TRACKING PAD TO BE INSTALLED AT PROPOSED DRIVEWAY ENTRANCE WHICH SHALL BE USED AS PRIMARY ENTRANCE ONCE EASTERN CURB CUT IS REMOVED AND TRANSFORMER IS RELOCATED
SILT SACK SHALL BE INSTALLED AND MAINTAINED UNTIL CONSTRUCTION ALLOWS FOR REMOVAL OF STRUCTURE (TYP.).
TRACKING PAD TO BE INSTALLED AT EXISTING DRIVEWAY ENTRANCE WHICH SHALL BE USED AS PRIMARY ENTRANCE AT START OF CONSTRUCTION. REMOVE WHEN GRADING OF PARKING LOT BEGINS.
POTENTIAL STOCKPILE LOCATION. LOCATION MAY VARY AS NECESSARY FOR SITE WORK TO CONTINUE.
SILT FENCE BACKED WITH HAYBALES TO BE PLACED ON DOWNHILL SIDE OF STOCKPILE.
TREE TO BE REMOVED (TYP.)
CONSTRUCTION FENCE TO BE INSTALLED AROUND AREAS OF POROUS ASPHALT AND FILTER FABRIC TO BE INSTALLED ON TOP OF POROUS ASPHALT DURING CONSTRUCTION (TYP.). FILTER FABRIC TO BE HELD DOWN WITH HAYBALES OR COIR LOGS AS NECESSARY. IF PARKING IS REQUIRED DURING CONSTRUCTION, TEMPORARY BINDER ASPHALT SHALL BE INSTALLED AND REMOVED AT END OF CONSTRUCTION AND POROUS ASPHALT INSTALLED.

SEDIMENT & EROSION CONTROL LEGEND

- SILT FENCE
- CONSTRUCTION FENCE
- HAYBALES
- TRACKING PAD
- STOCKPILE AREA
- TREE TO BE REMOVED
- TREE TO POTENTIALLY BE PROTECTED

No.	Date	Revision
4	06/07/2023	PERMIT SET
3	09/07/2022	REVISED PER DOT COMMENTS
2	08/19/2022	REVISED PER ENGINEERING COMMENTS / SITE PLAN MODS.
1	05/06/2022	ORIGINAL ISSUE DATE

SEDIMENT & EROSION CONTROL PLAN

DEPICTING

1595 POST ROAD EAST

WESTPORT, CT

PREPARED FOR

DELAMAR WESTPORT LLC

SCALE: 1"=20' (0 20 40)

DRAWN BY: VJH | CHECKED BY: DRG

DAVID R. GINTER CT. P.E.

June 7, 2023

DATE

This document and copies thereof are valid only if they bear the signature and embossed seal of the designated licensed professional. Unauthorized alterations render any declaration hereon null & void.

REDNISS & MEAD
Land Surveying
Civil Engineering
Planning & Zoning Consulting
Permitting
22 First Street | Stamford, CT 06905
Tel: 203.327.0500 | Fax: 203.357.1118
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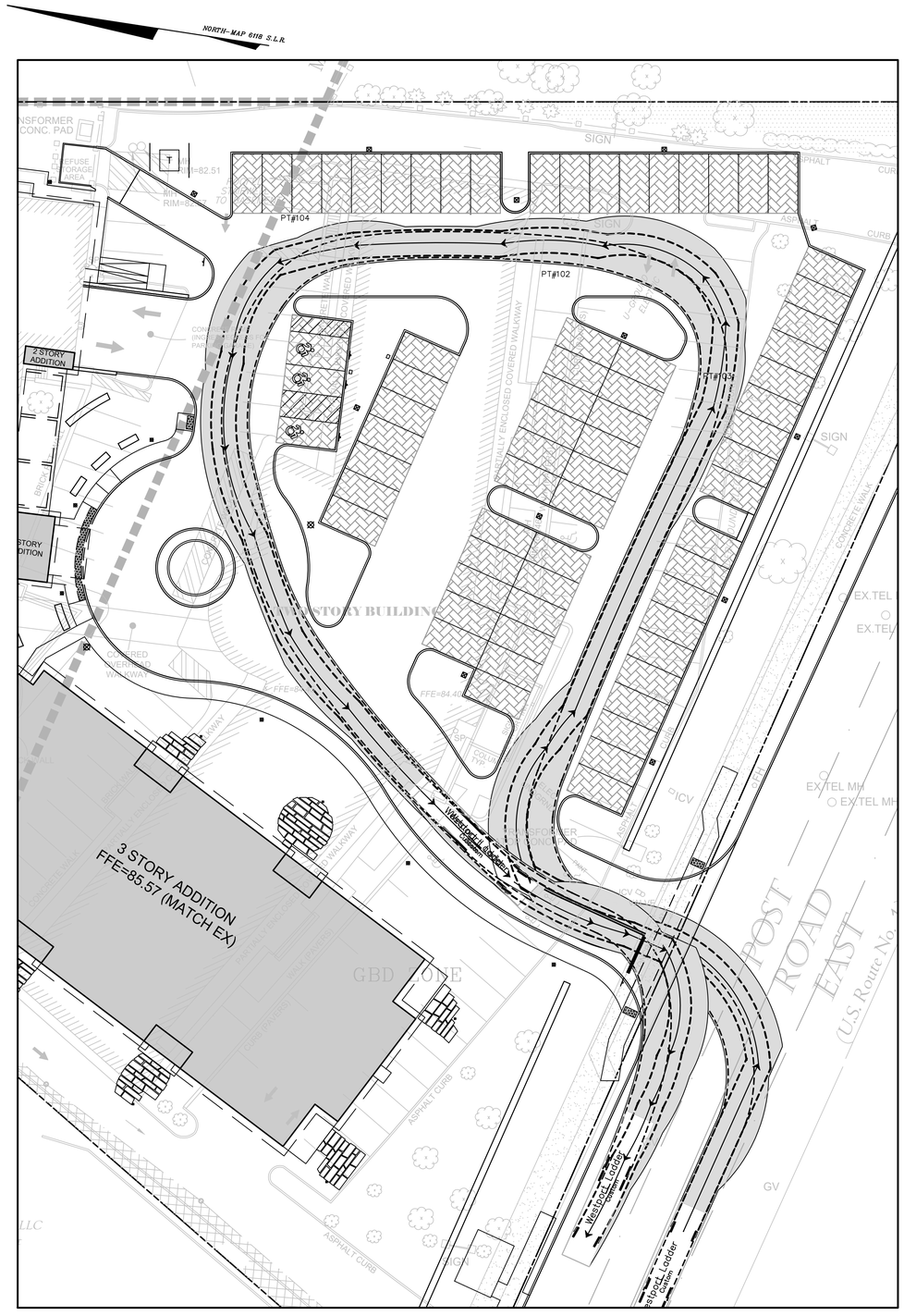
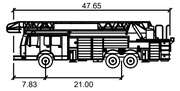
SHEET No: SE-3

Comm. No.: 7117

6/7/2023 2:33 PMH:\Jobfiles2\7000\7100\7117_2021 Improvements - West Wing Addition\DWG\7117 Master 4.dwg

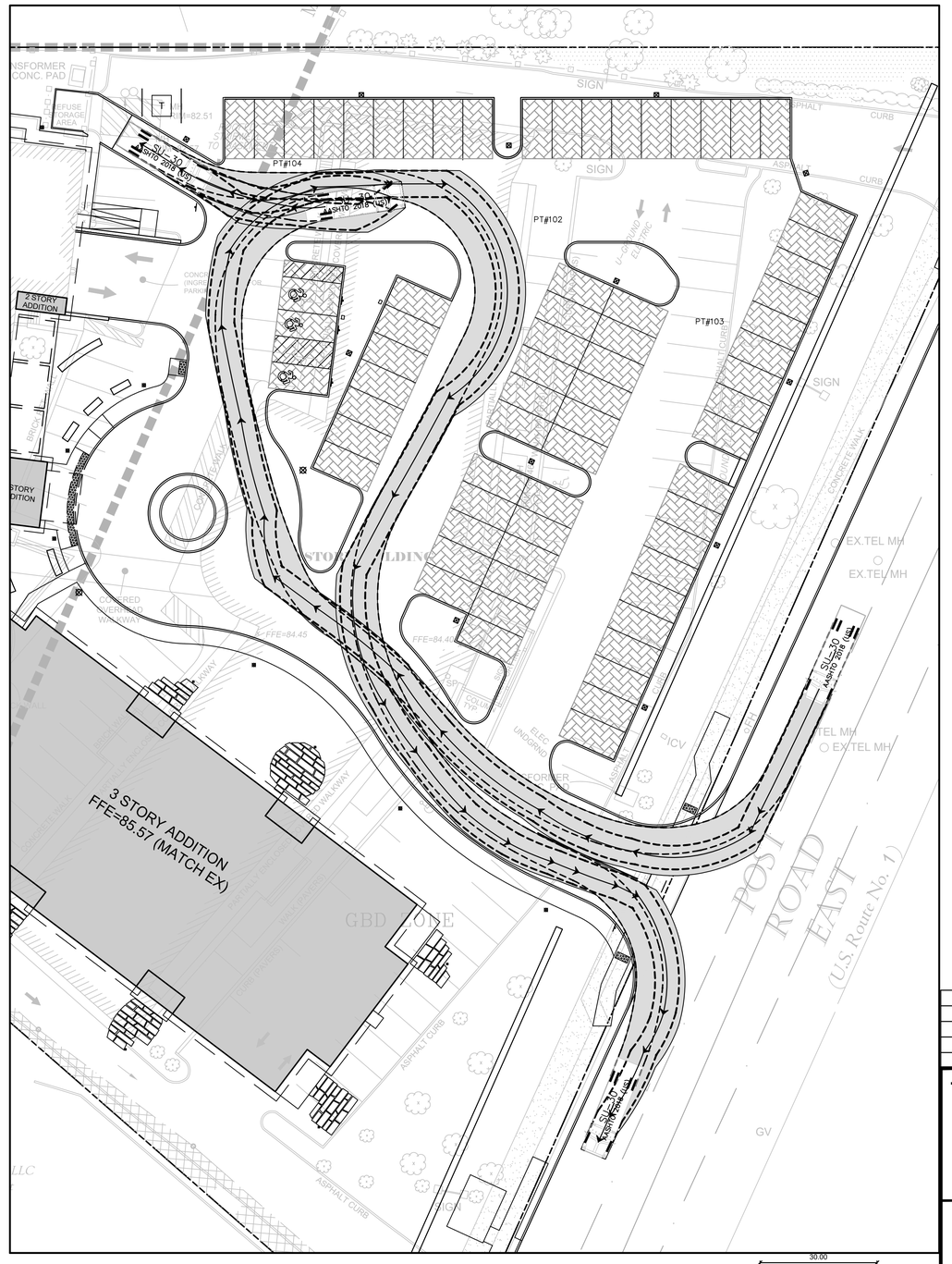


WESTPORT LADDER TRUCK MANEUVERING

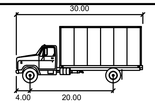


Westport Ladder

	feet
Width	9.00
Track	7.83
Lock to Lock Time	6.0
Steering Angle	38.0



SU-30 TRUCK MANEUVERING



SU-30

	feet
Width	8.00
Track	8.00
Lock to Lock Time	6.0
Steering Angle	31.8

No.	Date	Revision
4	06/07/2023	PERMIT SET
3	09/07/2022	REVISED PER DOT COMMENTS
2	08/19/2022	REVISED PER ENGINEERING COMMENTS / SITE PLAN MODS.
1	06/16/2022	CT DOT SUBMISSION

TRUCK TURNING MOVEMENTS
DEPICTING
1595 POST ROAD EAST
WESTPORT, CT
PREPARED FOR
DELAMAR WESTPORT LLC

REDNISS & MEAD
LAND SURVEYING
CIVIL ENGINEERING
PLANNING & ZONING CONSULTING
PERMITTING
22 First Street | Stamford, CT 06905
Tel: 203.327.0500 | Fax: 203.357.1118
www.rednissmead.com

SCALE: 1"=20' (0, 20, 40)

DRAWN BY: VJH | CHECKED BY: DRG

I hereby certify that these plans were prepared by me or under my direct supervision.
DAVID R. GINES, REGT. P.E.
June 20, 2023
DATE

STATE OF CONNECTICUT · DAVID R. GINES · 21615 · REGISTERED PROFESSIONAL ENGINEER

SHEET No:
SE-4
Comm. No.: 7117

GENERAL NOTES:

1. These drawings are intended only to depict the design of site grading, drainage, sanitary, utilities, and sediment & erosion controls.These drawings are for approval purposes only. No construction may begin prior to obtaining all necessary permits and approvals.

2. All survey data, boundary lines, topography, building locations and area calculations are from a survey prepared by Redniss & Mead, Inc. entitled Property and Topographic Survey dated 05/06/22. Elevations depicted or labeled are based on NGVD-29. A datum conversion factor of -1.1 shall be used to convert from datum NGVD-29 to NAVD-88.

3. Refer to drawings by Eric Rains Landscape Architecture for information regarding landscape design.

4. Refer to plans prepared by for information and design of the proposed buildings. These drawings depict site plans corresponding to the latest architectural plans received from Beinfield Architecture received on January 25, 2023.

5. Wetland flags were set and field verified by Milone & Macbroom, Inc. in November 2014 based on a concurrence of the wetland boundary which was reached by Conservation Staff and certified Professional Soil Scientists William A. Root and Tom Pietras.

6. Property lies in the GBD and A zone.

7. All construction shall comply with the Town of Westport requirements, the State of Connecticut Basic Building Code Americans with Disabilities Act (ADA), the Connecticut Guidelines for Soil and Erosion and Sediment Control, OSHA, CT DOT Form 818 (latest edition).

8. All development activities to be undertaken within the street right-of-way and other public lands shall comply fully with Town standards unless approved deviation is specifically set forth as part of this application. All work within the State right-of-way will comply with the CT DOT Form 818 with the latest special Provisions and Typical State Standard Details.

9. Contractor shall supply complete shop drawings including manufacturer's product data sheets to the Site Engineer, for all construction material used in conjunction with these drawings. Contractor shall allow a 5 day review period, prior to fabrication and installation.

10. Information on existing utilities has been compiled from various sources including utility company records, municipal record maps and field survey and is not guaranteed to be correct or complete. The contractor is solely responsible for determining actual locations and elevations of all utilities including underground services.

11. The property shall be served by public water and sewers.

12. Prior to any excavation the Contractor and/or Applicant, in accordance with Public Act 77-350, shall be required to contact "Call Before You Dig" at 1-800-922-4455 for mark-out of underground utilities. Dig test pit(s) at utility crossing(s) to check actual clearances with new utilities prior to construction. If conflicts are found the contractor shall notify the engineer, at which time the sewer in question shall be redesigned. If such redesign is not possible, the existing pipes or utilities shall be relocated to avoid the conflict. Such relocation shall be done with knowledge of and in accordance with the owner of the utility.

13. It shall be the responsibility of the contractor to provide any excavation safeguards, necessary barricades, flagmen, etc., for traffic control and site safety. All work shall be done in accordance with OSHA requirements. The contractor shall be responsible for compliance with OSHA requirements.

14. When preparing the existing site for the proposed development, all materials removed shall be disposed of in conformance with all governing agencies.

15. Remove stumps and brush from site, or chip and use during landscaping. Do not bury stumps on site.

16. Building elevations are subject to change and shall be finalized prior to building permit.

17. Special attention of the contractor is called to the required type and compaction of pipe bedding and backfill specified on these drawings. These requirements will be strictly enforced.

18. Prior to issuance of a Certificate of Occupancy, the Engineering Bureau may require a certification letter stating that the development was constructed in accordance to the approved plans, and an "as-built" drawing shall be submitted

19. The Contractor is responsible for coordinating with a licensed surveyor to prepare an "as-built" plan. The Contractor is responsible to coordinate with a site engineer 48 hours prior to any inspections.

20. The Engineering Division of the Department of Public Works and the inspecting engineer shall be notified by the contractor three (3) days prior to the commencement of each phase of construction.

21. The work shall be done in conformance with the contract documents/plans unless changes have been approved in writing by the design engineer prior to the work being done.

22. No pool back wash water may be discharged into or adjacent to inland wetland and watercourse areas per the Health Department regulations.

23. A preconstruction meeting shall be held with the Owner, Architect and Engineer to review the scope of construction. The Contractor shall be responsible to coordinate the preconstruction meeting.

EARTHWORK & GRADING:

24. Grade away from building walls at 2% minimum (typical).

25. Earth slopes shall be no steeper than 5:1 (horz.:vert.) unless otherwise states on the plans and approved by the Town of Westport.

26. Grading within handicap parking spaces shall not exceed 2% in any direction.

27. No work shall commence until erosion controls have been inspected and approved by the Conservation Department or their designee(s).

28. General fill beyond paved areas shall be free of brush rubbish, stumps and stones larger than 8". Fill shall be placed in compacted layers not to exceed 8" in thickness. The dry density after compaction shall not be less than 95% of the Standard Proctor Test and done in accordance with the requirements of ASTM D698. After compacting, the fill shall be 4" below the required grade as shown on the plan.

29. General fill may be till, loam, sand or gravel mixture classified as SP, SW, SM, GP, GM, ML per the United Soil Classification System. It shall have not more than 40% fines passing the #100 sieve, not more than 8% passing the #200 sieve, and no stones larger than 8".

30. Subgrade and fill shall be uniformly compacted by the use of equipment manufactured for that purpose. Rollers shall deliver a ground pressure of not less than 300 pounds per linear inch of contact width and weigh not less than 10 tons. Vibratory units shall have a static weight of not less than 4 tons. The amount of compactive effort shall be as directed by the Engineer, but in no case shall be less than 4 complete passes of the compacting equipment being used.

31. Disturbed areas shall be top soiled, seeded with grass and mulched in a manner conforming to the recommendations of the "Guidelines for Soil Erosion and Sediment Control", published by The Connecticut Council on Soil and Water Conservation, May 2002.

32. After the areas to be topsoiled have been brought to grade, the subgrade shall be loosened by scarifying to a depth of at least 2" to ensure bonding of the topsoil and subsoil.

33. Topsoil shall be friable and loamy with high organic content. It shall be free of debris, rocks larger than 2" and roots. Topsoil shall have at least 1.5 percent by weight of fine textured stable organic material and no greater than 6 percent. Topsoil shall not have less than 20% fine textured material (passing the No, 200 sieve) and not more than 15% clay. pH range shall be 6.0-7.5 and soluble salts shall not exceed 500ppm.

34. Fill or topsoil shall not be placed nor compacted while in a frozen or muddy condition or while subgrade is frozen.

35. Excavation for pipes or concrete pavement repair may require either a braced excavation or open cut designed according to the requirements of OSHA, 29 CFR Part 1926. The lateral support systems and slopes should also be designed such that building footings, slabs on grade, adjacent pavement and existing ut ilities are protected and supported and not allowed to settle. The contractor shall be responsible for having a Professional Engineer, registered in the State of Connecticut design the excavation support method. The designs shall be submitted to the owner or his geotechnical engineer for review. The contractor shall submit plans showing the type, limits, design and sequence of construction for the lateral support system.

36. During the excavation, it is anticipated that existing utilities and sewers may be exposed. The contractor shall provide protection and support of these facilities and repair any damage caused by the work in a manner satisfactory to the owner. The condition of the existing facilities shall be observed by the owner's representative who shall determine if the facilities shall be replaced. Replacement of the facilities shall be done in a manner satisfactory to the owner and in compliance with applicable Codes.

RETAINING WALLS:

37. All retaining walls greater than three feet are required to be designed, and inspected during construction by a Professional Engineer registered in the State of Connecticut. A Retaining Wall Certification Sign-Off and Retaining Wall Field Inspection Record form shall be submitted prior to issuance of a Certificate of Occupancy.

38. Retaining walls with a grade difference equal to or greater than 2.5 feet may require a safety barrier on the top of the wall. Retaining walls and barriers are to be designed by others.

39. Retaining walls are shown for schematic purposes only, and shall be designed by the structural engineer. All structural work shall conform to the requirements of the basic building code of the State of Connecticut, latest edition and the Town of Westport requirements.

40. Refer to plans prepared by the structural engineer for information regarding the design any retaining walls.

41. Retaining walls adjacent to parking and drive aisles require a vehicular guardrail to be designed by others.

42. Wall and fence/guard rail combinations installed within zoning setbacks shall not exceed 8' in height.

STORM AND SANITARY SEWER SYSTEMS:

43. All pipe shall be installed straight and at the vertical and horizontal alignment shown. Pipes shall have a uniform slope as specified.

44. Minimum cover on all pipes shall be two feet (2') unless otherwise noted.

45. All storm pipe specified as Poly Vinyl Chloride Pipe (PVCP) shall be SDR 35 with rubber gasketed joints and meet the requirements of ASTM D3034 and D3212.

46. All High Density Polyethylene Pipe (HDPE) for the stormwater system shall be ADS N-12 or equivalent with O-Ring joints (Pro-series) suitable for water tight installations.

47. All sanitary sewer pipe shall be Poly Vinyl Chloride Pipe (PVCP) and shall be Schedule 40 with solvent weld joints or SDR 35 with rubber gasketed joints.

48. Dig test pits at utility and sewer crossings to check actual clearances with these facilities prior to construction. Dig test pits at the connection points to existing sanitary sewer pipes to confirm that the elevation of the proposed gravity sewer is appropriate. If conflicts are found the contractor shall notify the engineer at which time the sewer in question shall be redesigned. If such redesign is not possible, the existing pipes or utilities shall be relocated to avoid conflict.

49. All catch basins and area drains shall have a two foot (2') sump with bell traps or 90° PVC elbows.

50. Manhole diameters listed are minimum sizes and are assumed to be 4' inside diameter. If precast manholes are used, larger manholes must be used if recommended by the manufacturer.

51. All existing and proposed catch basins, manhole rims and utility facilities shall be raised or lowered to be flush with finished grade.

52. Locate and abandon existing sanitary laterals at the property line with the end capped and mortared. Other existing utilities shall be abandoned in accordance with the requirements of the utility owner(s).

53. When connecting new pipes to existing structures such as manholes and catch basins, the structure shall be completely cleaned out. The hole made in the structure shall be made as small as possible. The structure shall be repaired to match its original type of construction. The joint between the structure and the pipe shall be made watertight by filling the joint with mortar.

54. Flow in existing sewer system must not be interrupted. Any temporary routing of this sewer flow must be done in conformance with all applicable rules and regulations.

55. Under no circumstances shall trench water be allowed to drain off through sanitary sewer lines.

56. All crushed stone shall be Gradation No. 4 as per CT DOT Form 818, Article M.01.02. Stone shall consist of sound, tough, durable particles free from soft, thin, elongated, laminated, friable, micaceous, or disintegrated pieces of mud, dirt or other deleterious material.

57. The storm and sanitary sewer shall be encased in concrete for a distance of 10 feet on either side of any intersection between the sanitary sewer and storm sewer. Where concrete encasement is required, temporarily support the pipes in place. Use sufficient concrete to encase piping not less than 6 inches at all points. The encasement shall be adequately supported with a stone base and shall be keyed into the foundation wall to prevent damage from settlement.

58. Sanitary Sewer Testing: The sanitary sewer line shall be Low Pressure Air Tested, at the expense of the contractor; Testing to be in accordance with recommended procedure in "Unibell's" "Recommended Practice for Low Pressure Air Testing of Installed Sewer Pipe" UNI B-6. The minimum starting pressure for the test is 3.5 P.S.I. (in excess of the groundwater pressure at the top of the pipe) and there shall be no more than 0.5 P.S.I. drop in five (5) minutes. Manholes to be visually inspected. Lateral plugs shall be airtight to allow proper testing. Inspecting Engineer and the Engineering Bureau shall be informed of testing schedule three days in advance so they can witness the testing.

59. At the end of construction, after the site has be fully stabilized, all new and previously existing storm sewer facilities including, but not limited to, catch basins, area drains, manholes, junction boxes, flow control structures, pipes, oil grit separators, permeable pavers and porous pavement shall be fully cleaned with equipment designed for that purpose to the satisfaction of the inspecting engineer.

UTILITIES:

60. Utilities shown on these plans are "not guaranteed" to be complete or correct. Prior to any site activities, the contractor shall be responsible for verification of clearances of proposed utilities from existing utilities. This verification shall include physical observation by means of test pits of the locations of affected utilities. The contractor shall notify the site engineer immediately of any conflict.

61. Easements may be required in favor of the various utility companies.

62. Electric, telephone, cable, gas, and water services shall be installed in conformance to the requirements of the governing utility companies.

63. It is the contractor's responsibility to install utilities as shown on this sheet. The contractor shall work with the utility companies and site engineer to insure the installation is in conformance to the requirements of the governing utility company. All conduits shall be concrete encased as may be required by the governing utility company. Proposed electric, telephone, cable, gas and water services are shown for schematic purposes only and are subject to change pending utility company review. These utilities shall be designed by others and installed in conformance to the requirements of the governing utility companies.

64. All proposed utility facilities shall be raised or lowered to be flush with finished grade.

65. Where necessary, existing utilities shall be reinstalled to meet all minimum coverage requirements.

66. Utility connections at building face shall be coordinated with the building contractors.

67. The contractor must supply and install drag lines with all conduits.

68. Assume one 2" PVCP conduit for all site lighting. Service location to be determined.

69. In general, each utility shall have a minimum clearance of three feet to any other underground utility.

70. Any and all utilities abandoned shall be capped or removed in accordance with utility companies' requirements.

71. Gas service to the meter room shall be installed by the utility company.

72. Detectable Tape shall be used to mark piping listed below. The identification tape shall be buried at least 6-inches to 10-inches below final grade but no closer than 12-inches to the buried utility piping or service.

Electric	Red	Caution Electric Line Buried Below
Telephone & Control	Orange	Caution Telephone Line Buried Below Natural
Gas	Yellow	Caution Gas Line Buried Below
Water Systems	Blue	Caution Water Line Buried Below
Fire Protection Systems	Blue	Caution Fire Line Buried Below Sprinkler Mains
	Blue	Caution Sprinkler Line Buried Below Sewer
System	Green	Caution Sewer Line Buried Below
IS & S Communication Conduit	Orange	Conc. N/A

73. Underground-Type Plastic Line Marker: Manufacturer's standard permanent, bright-colored detectable tape, continuous-printed plastic tape, intended for direct-burial service; not less than 6" wide X 4 mils thick.

PAVEMENT AND PAVEMENT MARKINGS:

74. Areas of new asphalt shall follow the details on Sheet SE-6.

75. Porous asphalt shall be installed in accordance with the details on Sheet SE-6.

76. Areas of asphalt pavement that are disturbed by the construction of this project shall be replaced in accordance with the asphalt pavement repair detail. The finished grade of asphalt paving shall blend to existing grade and the edge of the concrete pavement smoothly with no slopes exceeding 4%.

77. Driveway entrance to be reinforced concrete conforming to all Town of Westport and State of Connecticut requirements.

78. Existing features such as but not limited to walks, curbs, and pavement damaged by construction activities shall be repaired at no additional cost to the owner.

79. Bituminous curbs damaged by the project shall be replaced with the new bituminous curbing machine laid Class 3 as described in Sections 8.15 and M.04 of the CT DOT Form 818.

80. Saw cut perimeter of area to be excavated. Saw cut shall be straight and vertical.

81. Contractor shall engage a testing lab who shall verify the base course material by means of a sieve analysis and perform compaction testing of the base and each course of pavement. Site Engineer shall review with the contractor the required testing at the preconstruction meeting. Site Engineer shall approve base course prior to placement of each layer of pavement.

82. The Contractor shall engage a qualified independent testing agency to perform field inspections and tests and to prepare test reports. Testing agency will conduct and interpret tests and state in each report whether tested work complies with or deviates from specified requirements.

83. Additional testing, at Contractor's expense, will be performed to determine compliance of corrected work with specified requirements. Remove and replace or install additional hot-mix asphalt where test results or measurements indicate that it does not comply with specified requirements as directed by the Site Engineer.

84. Contractor is responsible to place the hot-mix asphalt mix as required in the drawings, details and the applicable Section of the CT DOT FORM 818 (latest edition).

85. Compaction shall be constructed as specified in the CT DOT FORM 818 (latest edition), Section 4.06 specification, the drawings and the details. Testing lab shall verify compaction of each course of pavement as directed by the Site Engineer.

86. After the asphalt pavement has cured sufficiently to support the weight of a water truck without marking the newly installed pavement, it shall be water tested for low spots, areas of little or no drainage, etc. A water truck shall spray a sufficient amount of water on all pavement sections to observe the drainage of water. There shall be positive drainage on all areas of the pavement. Any visible low spots where significant water (greater than or equal to 3/16" in depth) is left standing, shall be clearly marked for the Contractor to repair prior to final acceptance. These areas must be sawcut and removed down to the base course prior to replacement with asphalt mixture as per the original approved design. The base course and edges of sawcut asphalt must be treated with tack oil prior to new section of asphalt being installed. The Owner's Representative or inspecting A/E shall be notified 48 hours in advance of water test so that he may be present during the test.

87. The inspecting engineer and contractor will review the testing requirements at the preconstruction meeting. At this meeting, samples to be tested and compaction testing protocol will be discussed. Testing and approval of the subgrade, base course and asphalt layers prior to the installation of the next layer to determine if the work complies or deviates from the specified requirements. Prior to installation of the base course, contractor shall contact inspecting engineer to determine the suitability of the subgrade material, base course and asphalt. Additional excavation or base course may be required.

88. Contractor and design engineer shall perform a field water test of the areas of porous asphalt upon installation to confirm installation requirements are met. Contact the design engineer 3 days prior to coordinate.

89. Once porous asphalt is installed it shall be protected from vehicular traffic of any kind for a minimum of 14 days. Contractor shall check with site engineer prior to opening the porous asphalt areas for parking.

90. Finished paving shall be free of ``bird baths" and be smooth at the slopes specified on the plans.

91. Finished grade shall be within 1/2 inch of that noted on the drawings.

92. The pavement shall be protected from vehicular traffic of any kind with the use of barricades, etc. for a minimum period of 24 hours after final rolling. Maintain and protect asphalt surface from scrapes, sears, spills, hydraulic leaks, and any other construction damage for the remainder of construction until Owner's Representative acceptance. Contractor is responsible for clearing, repairing, seal coating, patching, and re-striping as necessary to obtain Owner's Representative's final approval/acceptance.

93. Thicknesses of all layers shown are after compaction. Compact all layers to 95% per ASTM D 1557 (Modified Proctor Method).

94. Removal of pavement markings along state road ways shall be completed by non-destructive method in compliance with the CT DOT Form 818 Section 12.11 as revised.

95. New pavement markings shall be painted with epoxy resin paint in compliance with the CT DOT Form 818 Section 12.10 as revised.

96. New sign material and sheeting shall be made of retroreflective material in compliance with CT DOT Form 818 Section 12.08 as revised.

97. All signs and pavement markings installed along the state road must conform to the ``Manual on Uniform Traffic Control Devices," the latest State of Connecticut Catalog of Signs and standard as revised.

98. All pavement striping and replacement shall conform to the Town of Westport standards and the latest edition of AASHTO Highway Design Manual.

SEDIMENT AND EROSION CONTROL NARRATIVE:

The purpose of the Sediment and Erosion Control Plan, details, and notes is to outline a program that minimizes soil erosion during construction. The primary policies of this program are:

a) Trapping particles at source by promptly stabilizing disturbed areas;
b) Avoid concentration of water;
c) Avoid contamination of existing storm drains;
d) Maintenance (weekly maintenance and after storm events) of controls to ensure they are functioning properly;

SEDIMENT AND EROSION CONTROL NOTES:

1. Sheet SE-3 is intended to describe the soil sediment and erosion control treatment of this site only. For other details with respect to construction, see appropriate drawings.

2. All sediment and erosion controls shall be done in conformance with the "Connecticut Guidelines for Soil Erosion and Sediment Control" dated May 2002 prepared by The Connecticut Council on Soil and Water Conservation.

3. The contractor is assigned the responsibility for implementing this sediment and erosion control plan. This responsibility includes the installation and maintenance of control measures, informing all parties engaged on the construction site of the requirements and objectives of the plan notifying the Zoning Department of any transfer of this responsibility, and Conservation Department that construction is to begin three (3) days prior to commencing work.

4. Temporary sediment control measures and tree protection must be installed in accordance with drawings and manufacturer recommendations prior to work in any upland areas.

5. No construction or construction equipment or storage of materials will be allowed on the downhill side of the silt fence or within fenced off areas, except during construction of the proposed facilities shown beyond the fences.

6. Where existing trees are to be saved, trees shall be protected with trunk armoring where shown. Tree limbs shall be trimmed as needed to protect the trees from damage by construction operations. Such trimming shall be minimized. Armoring and any limb trimming should be done before construction begins. Tree protection should be maintained during construction. Equipment Trafficking and materials storage over the tree roots shall be avoided.

7. Anti-tracking pads shall be installed at start of construction and maintained in an effective condition throughout the duration of construction. Pads consist of 2" - 4" crushed stone, 6" minimum thickness and extend the width of the construction access. The length of the access shall be sufficient to prevent dirt from being tracked onto off site roads (minimum length of 50').

8. The location of each stockpile will vary throughout the construction period. Excavated silt and earth stockpiles shall be stored on site. Silt fence shall be placed at the base of the stockpile to prevent sediment from leaving the site and to protect storm drains, wetlands and watercourses.

9. Silt fence shall be Mirafi envirofence, Amoco siltstop or equivalent approved by Site Engineer. Filter fabric used shall be Mirafi 100x or equivalent. Install silt fence according to manufacturer's instruction, particularly, bury lower edge of fabric into ground.

10. All roof leader downspouts shall temporarily discharge onto splash pads measuring at least 8" wide by 18" long, or approved equal.

11. Land disturbance shall be kept to a minimum. All disturbed area shall be planted in where permanent plantings are called for as soon as practicable. Seed and mulch disturbed areas with grass seed where permanent plantings are not called for, as soon as practicable. Prepare seedbed (4" thick minimum) with topsoil. Seed, rake, roll, water and mulch areas according to mixes below. Water as often as necessary (up to 3 times per day) to establish cover. Mulch seeded areas at 1 to 2 tons/acre with salt hay. Maintain mulch and watering until grass is 3" high with 85% cover. Reseed or overseed if necessary.

Temporary Seed Mix:		
Perennial ryegrass	40 lbs/ac.	(1 lb/1000 sf.)
Permanent Lawns:		
Kentucky Bluegrass	20 lbs/ac.	
Creeping Red Fescue	20 lbs/ac.	
Perennial Ryegrass	5 lbs/ac.	
	45 lbs/ac.	(1 lb/1000 sf.)

Optimum Seeding Dates:
April 15 through June 15
August 15 through October 1

12. Any disturbed area shall be restored to the preconstruction condition. Existing shrubs shall be carefully dug up, stored in a temporary nursery during the project and replanted as directed by the Owner. The time during which these bushes are out of the ground must be minimized. The contractor shall keep the shrubs watered and out of the direct sun during this time.

13. If disturbed areas can not be seeded immediately due to the time of year, mulch area until seeding can occur; remove mulch and seed and remulch when season permits.

14. Mulch shall be replaced with erosion control blankets where specified on the plan. Blankets shall be jute netting installed as per the details. Additional areas may have to be covered with blankets as directed by the Site Engineer. Other blankets and methods may be used if approved by the site engineer.

15. If excavation dewatering is required, all dewatering pumping must have sediment and erosion control provisions to maintain clear water discharge (not muddy). Such provisions shall be approved by governing agencies. All pump discharge from dewatering shall be clear at the point where it flows off the property.

16. If excessive groundwater is encountered during construction, the site and/or Geotechnical Engineer may require that the pump discharge shall pass through a settlement basin of adequate size to further clarify the discharge prior to entering the storm drainage system. Such basin could be made from an excavated pit or by using a sealed trash dumpster. The basin would have a piped overflow leading into the storm drainage system. Alternative methods may be used, such as well points, other types of pump intake filters and settlement basins, if approved by the inspecting engineer and governing agencies. All pump discharge from dewatering shall be clear at the point where it flows off the property.

17. Upon installation of each catch basin and area drain, immediately surround it with haybales as per sediment filter detail.

18. Haybales shall be new and are to be replaced whenever their condition deteriorates beyond reasonable usability.

19. Temporarily block pipes leading into the storm water infiltration system until upland areas are thoroughly stabilized. Under no circumstances shall sediment or silty water be allowed to enter the infiltration system.

20. Pavement and curbing should be placed as soon as possible after drainage is installed.

21. Loaded trucks shall be covered as required to keep down dust.

22. Affected portions of off site roads and sidewalks must be swept clean when required to keep down dust and prevent safety hazards or at least once a week during construction and as directed by Site Engineer.

23. Dust control to be achieved with watering down disturbed areas as required.

24. The Site Monitor, Redniss & Mead, Inc. shall oversee installation and maintenance of erosion and sediment controls, regrading activity, and retaining wall activity as agreed to by the applicant. Said monitor shall prepare weekly reports to the Planning and Zoning Department throughout the construction process unless said timetable is adjusted by Planning and Zoning Department staff, and after each storm event of 0.5 inches or greater. Any corrective actions to mitigate environmental concerns will be ordered by the site engineer or environmental engineer and must be remediated within twenty-four hours of request. It is the Owner's responsibility to retain such consultant.

25. Additional sediment and erosion control measures may be installed during the construction period if found necessary by the inspecting engineer or any Governing Agency.

26. All permanent and temporary sediment control devices will be maintained in effective condition throughout the construction period until upland disturbed areas are thoroughly stabilized. Upon completion of work and stabilization of all upland areas, all temporary sediment control devices and tree protection should be removed from the site and any silt disposed of legally.

27. Excavated material from temporary silt traps must be stockpiled on uphill side of silt fence.

28. Excavated silt and earth stockpiles shall not be permitted to be stored on site. Excess material shall be disposed of legally.

29. Any material, man-made or natural which is in any way disturbed and/or utilized during the work shall not be deposited in any wetlands or watercourse unless authorized by permit.

30. Periodically and upon completion of the job, clean silt from any effected storm sewer systems including pipes and inlets. Use silt during final landscaping or dispose off-site legally.

CONSTRUCTION PHASING:

The following description of construction phasing is intended to demonstrate a feasible sequence of construction. The actual sequence may vary due to field conditions if approved by the inspecting engineer.

PHASE I: PREPARATION

A. AT LEAST ONE WEEK PRIOR TO THE START OF CONSTRUCTION, THE INSPECTING ENGINEER SHALL MEET WITH THE CONTRACTOR AND OWNER TO REVIEW THE SEDIMENT AND EROSION CONTROL (S&E PLAN), DISCUSS ANY MODIFICATIONS TO CONSTRUCTION SEQUENCE OR S&E PLAN AND TO REVIEW CONTRACTORS LOGISTICS PLAN.

B. ESTABLISH STAGING AREA WITH TRAILERS AND TEMPORARY UTILITIES.

C. INSTALL TRACKING PADS FOR CONSTRUCTION ACCESS.

D. INSTALL SILT FENCE, CONSTRUCTION FENCE AND PERIMETER FENCE AS SHOWN ON THE PLANS.

E. INSTALL TREE PROTECTION.

F. CUT TREES TO BE REMOVED AND GRUB AREAS TO BE CLEARED.

G. REMOVE/DEMOLISH EXISTING BUILDING. REMOVE EXISTING PAVEMENT ONLY AS NECESSARY TO PROCEED WITH EACH PHASE OF CONSTRUCTION.

PHASE II: CONSTRUCTION

A. ROUGH GRADE SITE. GENERAL EARTHWORK. EXCAVATE FOR BUILDING FOUNDATION. INSTALL CONSTRUCTION DEWATERING AND TEMPORARY FILTERING SYSTEM AS NECESSARY. COORDINATE DEWATERING CONSTRUCTION WITH SITE GEOTECHNICAL AND STRUCTURAL ENGINEERS. (NOTE: MANAGEMENT OF EXCAVATED MATERIALS DURING THIS PROCESS SHALL BE ACHIEVED BY TEMPORARILY STOCKPILING ONSITE TO THE EXTENT CONSTRUCTION STAGING WILL ALLOW AND BY HAULING MATERIAL OFFSITE AS EXCAVATED).

B. CONSTRUCT FOUNDATION AND BACKFILL AS SOON AS POSSIBLE.

C. INSTALL STORM WATER SYSTEM. THE DRAINAGE UTILITIES WILL BE INSTALLED AND READY TO RECEIVE STORM WATER PRIOR TO THE INSTALLATION OF PAVING.

D. INSTALL SEDIMENT AND EROSION CONTROLS ASSOCIATED WITH DRAINAGE STRUCTURES.

E. INSTALL SANITARY, WATER, GAS, CABLE, ELECTRIC, AND TELEPHONE UTILITIES.

F. EXCAVATE AND INSTALL RETAINING WALLS.

G. FINAL GRADING AND PAVING.

H. SEED & MULCH DISTURBED AREAS AND INSTALL LANDSCAPING AS SOON AS POSSIBLE.

I. MAINTAIN ALL SEDIMENT AND EROSION CONTROLS IN AN EFFECTIVE CONDITION DURING THE CONSTRUCTION PERIOD.

PHASE III: CLEAN UP AFTER ALL AREAS ARE STABILIZED

A. CLEAN EFFECTED PORTION OF ON & OFF SITE ROADS AND DRIVEWAYS.

B. REMOVE ACCUMULATED SILT AND DEBRIS FROM CATCH BASIN SUMPS & PIPES OF EFFECTED ON & OFF SITE STORM DRAINS.

C. REMOVE ACCUMULATED SEDIMENT FROM EFFECTED AREAS AND DISPOSE OF LEGALLY.

D. REMOVE TEMPORARY SEDIMENT AND EROSION CONTROL AND TREE PROTECTION.

E. MAKE ANY NECESSARY REPAIRS TO PERMANENT SEDIMENT AND EROSION CONTROLS SUCH AS PLANTINGS.

OPERATIONS AND MAINTENANCE NOTES:

Scope:

The purpose of the Operations and Maintenance Plan is to ensure that the proposed stormwater components installed at *1141 Post Road East* are maintained in operational condition throughout the life of the project. The service procedures associated with this plan shall be performed as required by the parties legally responsible for their maintenance.

Recommended Frequency of Service:

As further defined below, all stormwater components should be checked on a periodic basis and kept in full working order. Ultimately, the required frequency of inspection and service will depend on runoff quantities, pollutant loading, and clogging due to debris. At a minimum, we recommend that all stormwater components be inspected and serviced twice per year, once before winter begins and once during spring cleanup.

Qualified Inspector:

The inspections must be completed by an individual experienced in the construction and maintenance of stormwater drainage systems. Once every five years the inspections must be completed by a professional engineer.

Service Procedures:

1. Catch Basins & Drainage Inlets:

a. Catch basins and drainage inlets shall be completely cleaned of accumulated debris and sediments at the completion of construction. Oil absorbent pillows shall be removed and replaced as needed.1
b. For the first year, catch basins and drainage inlets shall be inspected on a quarterly basis.
c. Any accumulated debris within the catch basins/inlets shall be removed and any repairs as required.
d. From the second year onward, visual inspections shall occur twice per year, once in the spring and once in the fall, after fall cleanup of leaves has occurred.
e. Accumulated debris within the catch basins/inlets shall be removed and repairs made as required.
f. Accumulated sediments shall be removed at which time they are within 12 inches of the invert of the outlet pipe.
g. Any additional maintenance required per the manufacturer's specifications shall also be completed.

2. Storm Drainage Piping and Manholes:
a. All storm drainage piping shall be completely flushed of debris and accumulated sediment at the completion of construction.
b. Manholes shall be inspected and repaired on an annual basis.
c. Unless system performance indicates degradation of piping, comprehensive video inspection of storm drainage piping shall occur once every ten years.
d. Any additional maintenance required per the manufacturer's specifications shall also be completed.

3. Stormwater Control Structures:

a. All control structures (orifice, weir, etc.) shall be completely cleaned of accumulated debris and sediments at the completion of construction. Any repairs shall be performed.
b. For the first year, control structures (orifice, weir, etc.) shall be inspected on a quarterly basis.
c. Any accumulated debris shall be removed and any repairs made to the control structures (orifice, weir, etc.) as required.
d. From the second year onward, visual inspections shall occur twice per year, once in the spring and once in the fall, after fall cleanup of leaves has occurred.
e. Accumulated debris shall be removed and repairs made as required.
f. Any additional maintenance required per the manufacturer's specifications shall also be completed.

5. Infiltration System:

d. All infiltrators shall be completely cleaned of accumulated debris and sediments upon the completion of construction.
e. For the first year, the infiltrators shall be inspected on a quarterly basis.
f. Any accumulated debris within the drywells/infiltrators shall be removed and any repairs made to the units as required
g. From the second year onward, visual inspection shall occur twice per year, once in the spring and once in the fall, after fall cleanup of leaves has occurred.
h. Accumulated debris within the units shall be removed and repairs made as required.
i. Any additional maintenance required per the manufacturer's specifications shall also be completed.

6. Porous Pavement Asphalt:

a. Clean and vacuum (Regenerative Air Vacuum for Permeable Interlocking Concrete Pavers) the porous pavement upon the completion of construction.
b. Check for standing water on the surface of the pavement after a precipitation event. If standing water remains within 30 minutes after rainfall had ended, cleaning of porous pavement is recommended.
c. Vacuum sweeper shall be used regularly to remove sediment and organic debris on the pavement surface. The sweeper may be fitted with water jets.
d. Pavement vacuuming should occur during spring cleanup following the last snow event to remove accumulated debris, at a minimum.
e. Pavement vacuuming should occur during fall cleanup to remove dead leaves, at a minimum.
f. Power washing can be an effective tool for cleaning clogged areas. See manufacturer's specifications.
g. Check for debris accumulating on pavement, especially debris buildup in winter. For loose debris, a power/leaf blower or gutter broom can be used to remove leaves and trash.
h. In the event that the porous surface becomes clogged an engineer must be retained to determine how to restore the porous surface to its original condition.
i. Any additional maintenance required per the manufacturer's specifications shall also be completed.

7. Roof Gutters:

a. Remove accumulated debris and inspect for damage. Any damage should be repaired as required.

Disposal of Debris and Sediment:

All debris and sediment removed from the stormwater system shall be disposed of legally. There shall be no dumping of silt or debris into or in proximity to any inland or tidal wetlands.

Maintenance Records:

The Owners(s) must maintain all records (logs, invoices, reports, data, etc.) and have them readily available for inspection at all times.

No.	Date	Revision
2	06/07/2023	PERMIT SET
1	05/06/2022	ORIGINAL ISSUE DATE

NOTES
DEPICTING
1595 POST ROAD EAST
WESTPORT, CT
PREPARED FOR
DELAMAR WESTPORT LLC

REDNISS & MEAD
LAND SURVEYING
CIVIL ENGINEERING
PLANNING & ZONING CONSULTING
PERMITTING

22 First Street | Stamford, CT 06905
Tel: 203.327.0500 | Fax: 203.357.1118
www.rednissmead.com

SCALE: N.T.S.

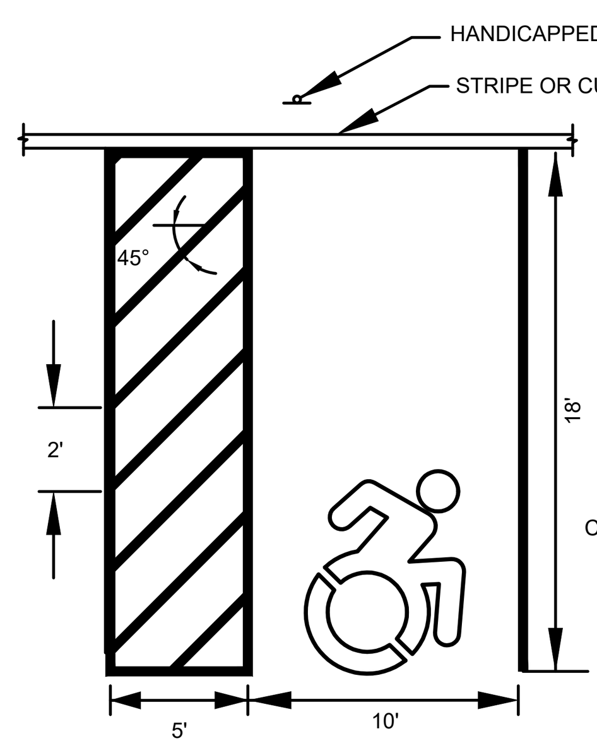
DRAWN BY: VJH | CHECKED BY: DRG

DAVID R. GINTER CT. P.E. 22717
June 7, 2023
DATE

SHEET No: SE-5

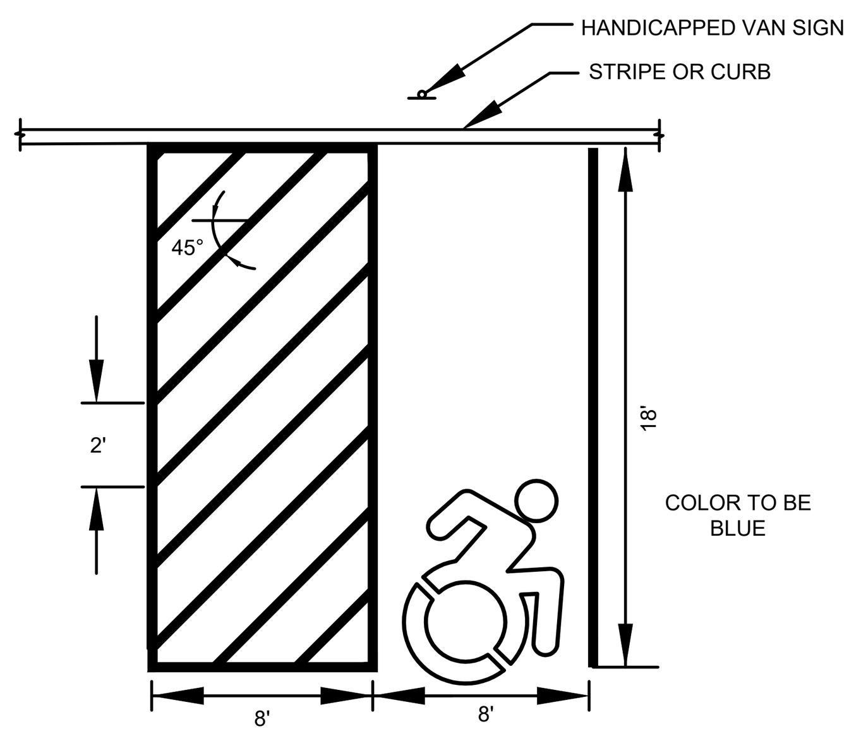
Comm. No.: 7117

6/7/2023 2:41 PMH:\Jobfiles2\7000\7100\7117_2021 Improvements - West Wing Addition\DWG\7117 Details 1dwg.dwg



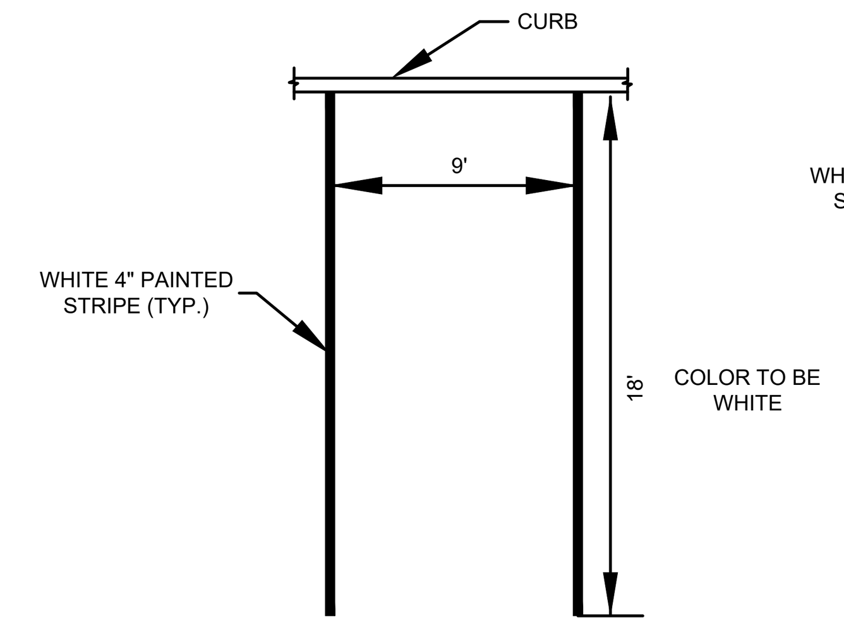
NOTE:
HANDICAPPED PARKING SHALL BE GRADED NO GREATER THAN 2% IN ANY DIRECTION.

HANDICAPPED PARKING
N.T.S.

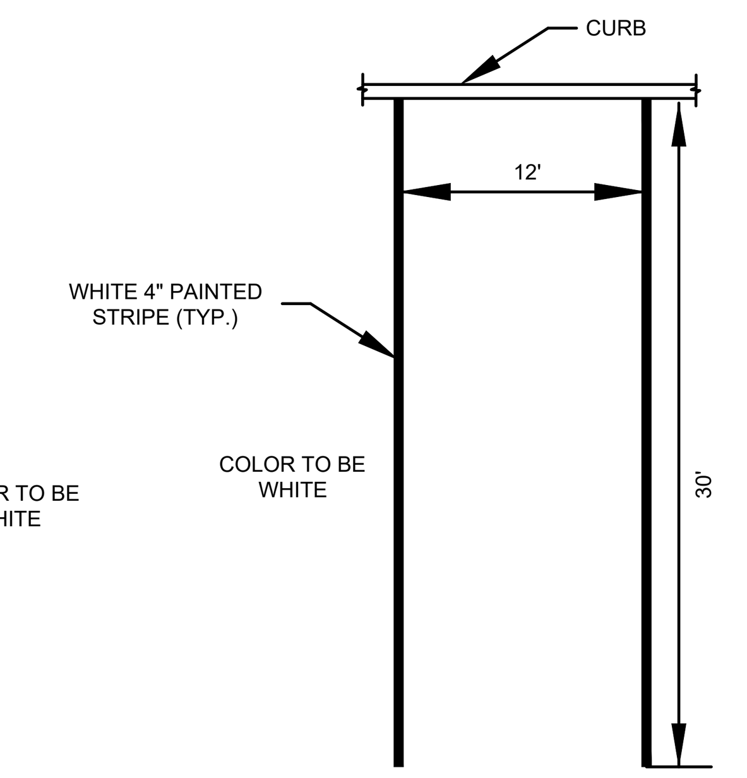


NOTE:
HANDICAPPED PARKING SHALL BE GRADED NO GREATER THAN 2% IN ANY DIRECTION.

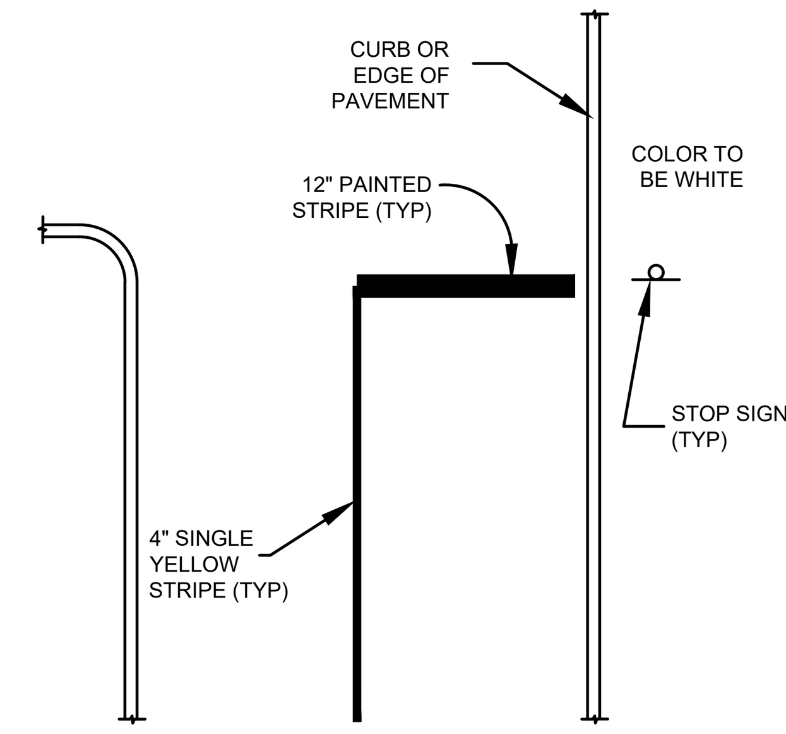
HANDICAPPED VAN PARKING
N.T.S.



REGULAR PARKING SPACE
N.T.S.

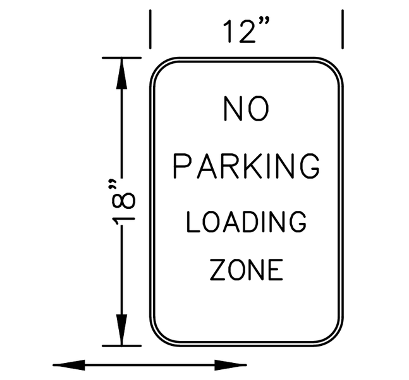


LOADING SPACE
N.T.S.

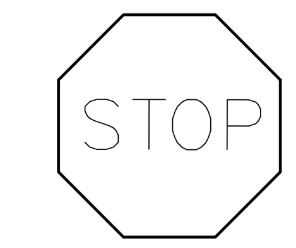


NOTE:
ALL PAINT SHALL CONFORM TO CT DOT FORM 818, ARTICLE M.07.17.

STOP BAR STRIPING
N.T.S.



LOADING ZONE SIGN
N.T.S.



CONN. D.O.T. SERIES R1-1

NOTE: SIGNAGE TO BE COORDINATED WITH THE TOWN OF WESTPORT DEPARTMENT OF PUBLIC WORKS

30" STOP SIGN DETAIL
N.T.S.

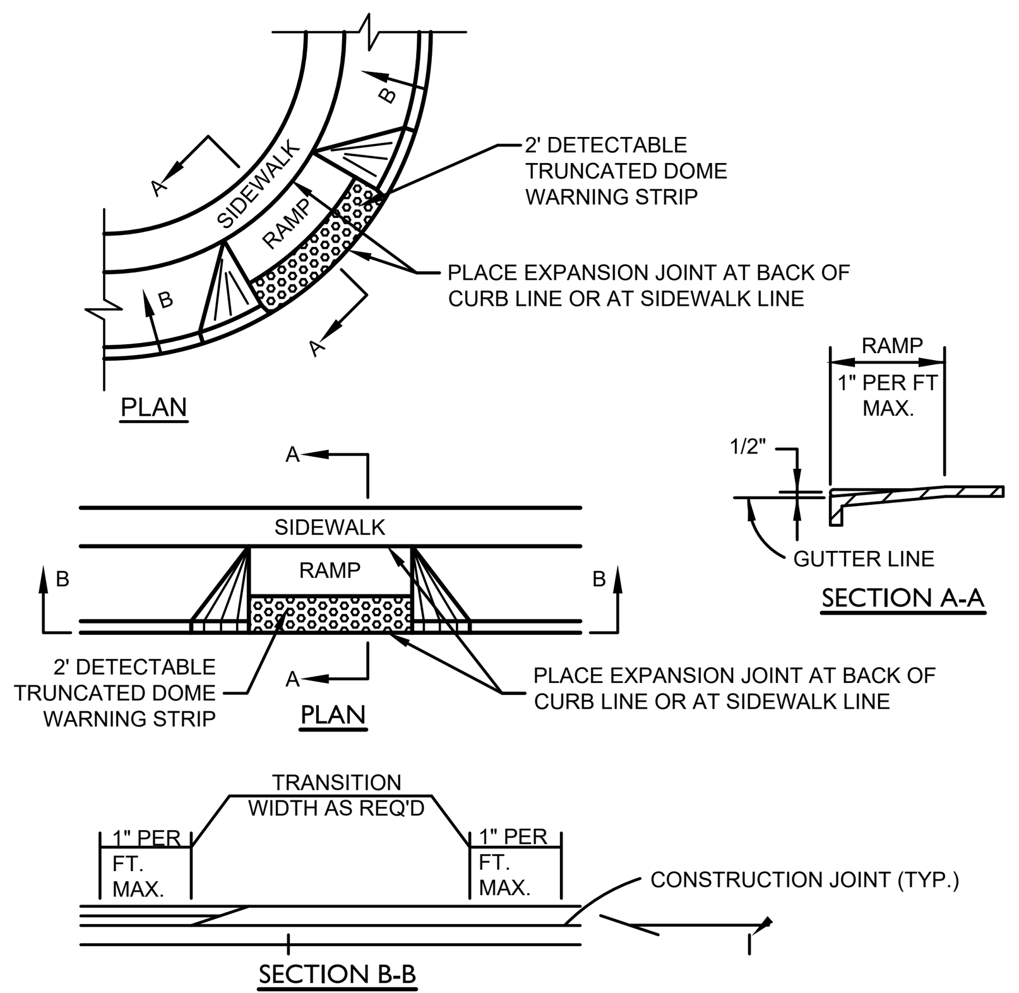
CONN. D.O.T. SERIES 30 #31-0629

CONN. D.O.T. SERIES 30 #31-0648

HANDICAPPED PARKING SIGN DETAIL
N.T.S.


Technical Information
Technical data
Configurations
Master/Slave scheme
Master
Slave
Applications
Public parking
Supermarkets and shopping centers
EV Infrastructure operators
EV fleets (private and public)
efacec
Electric Mobility, S.A.

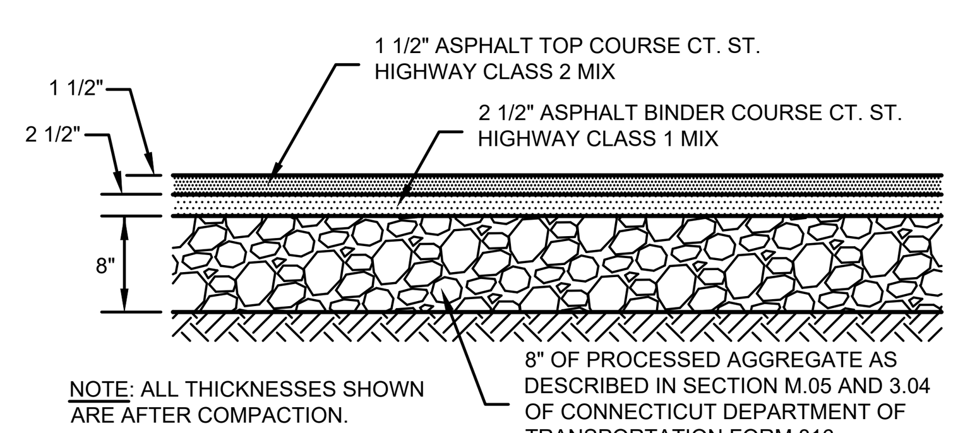
ELECTRIC VEHICLE CHARGING STATION
N.T.S.


SIDEWALK
RAMP
2' DETECTABLE TRUNCATED DOME WARNING STRIP
PLACE EXPANSION JOINT AT BACK OF CURB LINE OR AT SIDEWALK LINE
PLAN
RAMP
1" PER FT MAX.
1/2"
GUTTER LINE
SECTION A-A
SIDEWALK
RAMP
2' DETECTABLE TRUNCATED DOME WARNING STRIP
PLACE EXPANSION JOINT AT BACK OF CURB LINE OR AT SIDEWALK LINE
PLAN
TRANSITION WIDTH AS REQ'D
1" PER FT. MAX.
1" PER FT. MAX.
CONSTRUCTION JOINT (TYP.)
SECTION B-B

NOTES:

1. SIDEWALK RAMPS SHALL BE CONSTRUCTED AT ALL PEDESTRIAN CROSSWALK IN ALL NEW DESIGNS AND AT PEDESTRIAN CROSSWALK LOCATIONS WHERE AN EXISTING CURB OR WALL IS TO BE DISTURBED BY CONSTRUCTION.
2. DRAINAGE DESIGN IN THE VICINITY OF SIDEWALK RAMPS SHALL BE CONSIDERED AN INTEGRAL PART OF THE DESIGN OF THESE RAMPS. NO DRAINAGE STRUCTURES SHALL BE PLACED WITHIN THE LIMITS OF A SIDEWALK RAMP ON NEW DESIGNS.
3. REGARDLESS OF THE TYPE OF PAVEMENT OF ADJACENT SIDEWALK, ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE.
4. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS FOR 5' CONCRETE SIDEWALK EXCEPT THAT THE FINAL TEXTURE OF THE CONCRETE SURFACE BE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
5. CARE SHALL BE TAKEN TO ASSURE A UNFORM GRADE ON THE RAMP, FREE OF SAGS AND SHORT GRADE CHANGES.
6. MINIMUM WIDTH OF SIDEWALK RAMP SHALL BE 4 FEET.
7. THE BOTTOM OF THE RAMP (GUTTER LINE) SHALL BE BEVELED.
8. RAMP SHALL INCLUDE DETECTABLE WARNINGS AS PER AMERICANS WITH DISABILITIES ACT (ADA) SECTION 4.29.2, CONSISTING OF RAISED TRUNCATED DOMES WITH NOMINAL DIAMETER 0.9", NOMINAL HEIGHT 0.2", AND NOMINAL SPACING 2.35" ON-CENTER, AND PROVIDING A VISUAL CONTRAST WITH ADJOINING SURFACES.

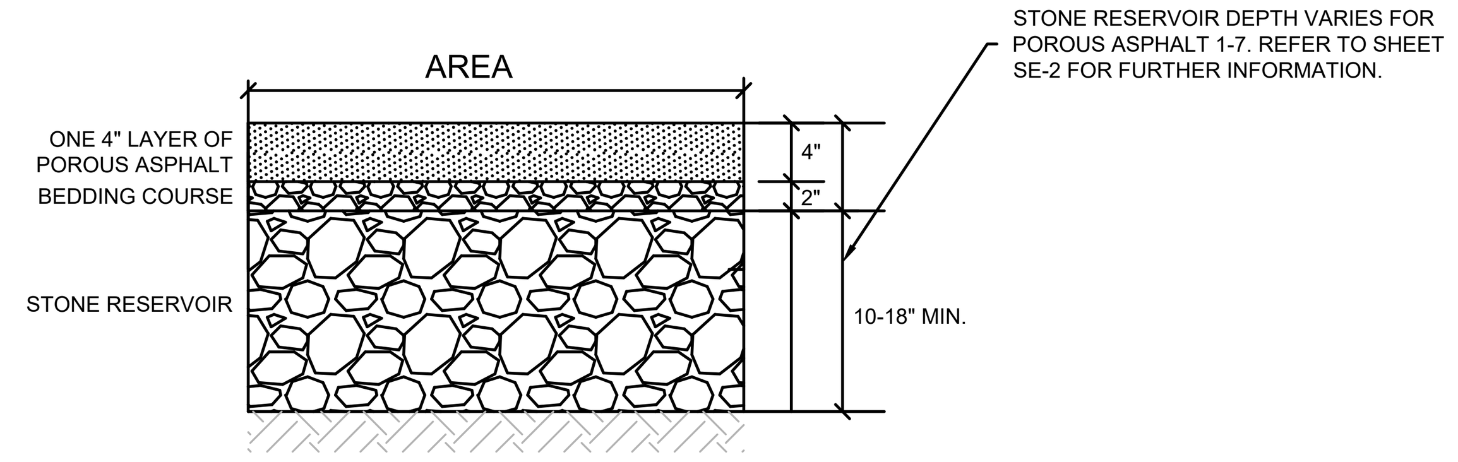
PEDESTRIAN RAMP
N.T.S.



NOTE: ALL THICKNESSES SHOWN ARE AFTER COMPACTION.

ASPHALT PAVEMENT DETAIL
N.T.S.

Type	Grade (ft)	T.O. Bedding Course	T.O Stone Reservoir	B.O Stone Reservoir	Porous Footprint (sf)
Porous 1	82.35-82.85	82.02-82.52	81.85-82.35	81.00	738
Porous 2A	82.25-83.40	81.92-83.07	81.75-82.90	80.92	567
Porous 2B	81.45-82.60	81.12-82.27	80.95-82.10	80.12	567
Porous 3A	81.60-83.32	81.27-82.99	81.10-82.82	79.60	1,782
Porous 3B	80.00-81.75	79.67-81.42	79.50-81.25	78.00	1,944
Porous 4A	82.16-83.70	81.83-83.37	81.66-83.20	80.83	810
Porous 4B	80.95-82.45	80.62-82.12	80.45-81.95	79.62	810
Porous 5A	79.57-81.00	79.24-80.67	79.07-80.50	78.24	728
Porous 5B	78.60-79.86	78.27-79.53	78.10-79.36	77.27	728
Porous 6	80.15-81.85	79.82-81.52	79.65-81.35	78.82	1,458
Porous 7	78.40-80.25	78.07-79.92	77.90-79.75	77.07	1,458



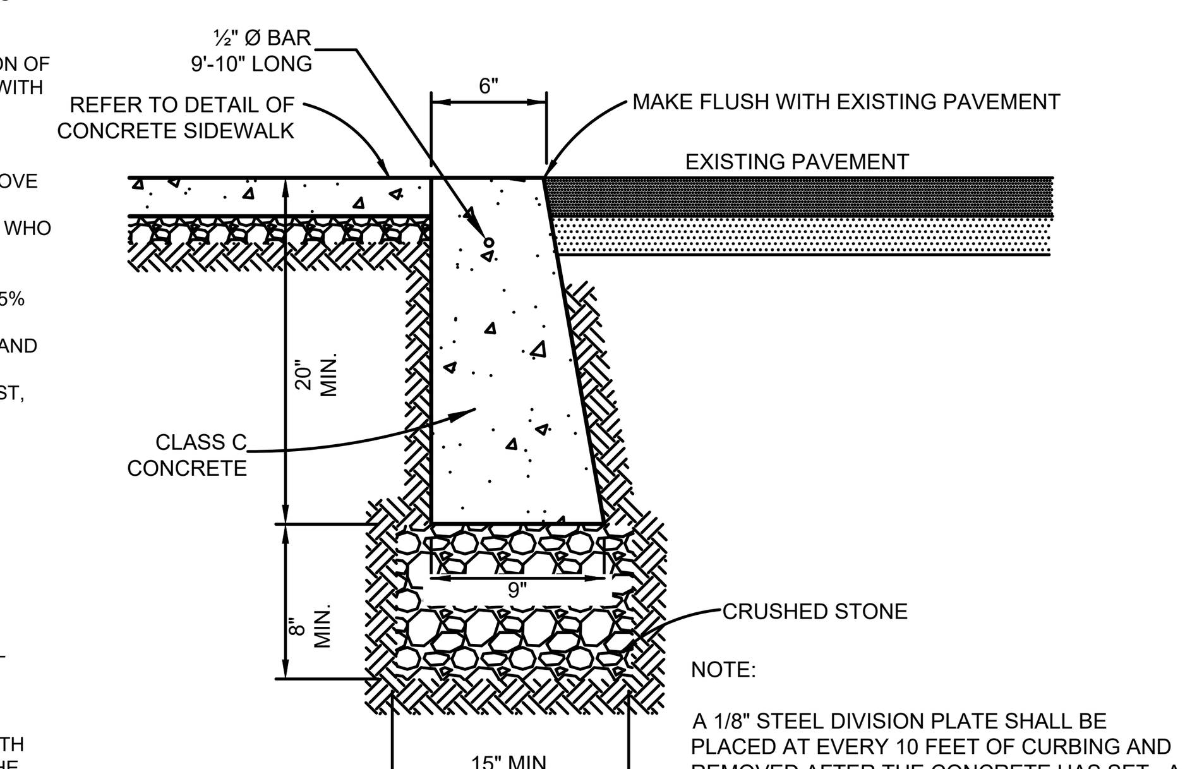
Sieve size	Range % passing	Target % passing
200	2-4	3
40	0-8	6
#8	5-10	10
#4	10-25	25
3/8"	55-75	72
½"	85-100	95
¾"	100	100
PG 76-22 Liquid	4.0-4.5	4.25
Forta Fi HMA Fibers	(1 LBS per ton)	
	0.375 Anti Strip	
Plant	Air Voids 16-22%	18%

1. BEDDING COURSE FOR POROUS ASPHALT SHALL CONSIST OF A 2" THICK LAYER OF CRUSHED STONE CONFORMING TO GRADATION NO. 8 OF SECTION M.01 OF CTDOT FORM 817.
2. GEOTEXTILE TO BE "MIRAFI HP 360" OR APPROVED EQUIVALENT. PLACE THE GEOTEXTILE ON THE BOTTOM AND SIDES OF THE BEDDING COURSE. ELIMINATE WRINKLES IN THE GEOTEXTILE AND ENSURE NOT TO DAMAGE IT DURING CONSTRUCTION.
3. CRUSHED STONE RESERVOIR SHALL CONSIST OF A LAYER OF CRUSHED STONE CONFORMING TO GRADATION NO. 4 AS PER CT D.O.T. FORM 817, ARTICLE M.01.01.
4. ALL AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF SECTION M.02 OF CTDOT FORM 817 AND SHALL CONSIST OF SOUND, TOUGH, DURABLE BROKEN STONE THAT IS REASONABLY FREE FROM SOFT, THIN, ELONGATED, LAMINATED, FRIABLE, MICACEOUS OR DISINTEGRATED PIECES, MUD, DIRT OR OTHER DELETERIOUS MATERIAL.
5. CONTRACTOR SHALL PROVIDE SITE ENGINEER WITH A SIEVE ANALYSIS OF MATERIAL USED FOR THE BEDDING COURSE AND RESERVOIR COURSE PRIOR TO INSTALLATION.
6. THE POROUS PAVEMENT MIX DESIGN IS TO FOLLOW THE SPECIFICATIONS FOUND IN THE ADJACENT TABLE:
7. DESIGN ENGINEER TO INSPECT SUBGRADE SOILS PRIOR TO INSTALLATION OF STONE RESERVOIR. IF FOUND, UNSUITABLE SOILS SHALL BE REPLACED WITH PERMEABLE GRANULAR FILL TO PROVIDE HYDRAULIC INFILTRATION. GRANULAR FILL TO MATCH STONE RESERVOIR SPECIFICATION.
8. IN THE AREA OF THE RESERVOIR SEPARATION BACKFILL MATERIAL, REMOVE ALL TOPSOIL, ORGANIC MATTER AND OTHER UNSUITABLE MATERIAL. EXPOSED SUB-GRADE TO BE APPROVED BY THE INSPECTING ENGINEER, WHO MAY REQUIRE THAT IT BE PROOF-ROLLED OR LOWERED.
9. COMPACT RESERVOIR SEPARATION BACKFILL MATERIAL IN 9" LIFTS TO 95% MAXIMUM DRY DENSITY AS PER ASTM D1557. RESERVOIR SEPARATION BACKFILL MATERIAL SHALL BE A SOIL SUCH AS CLAYEY GRAVEL, SILTY SAND AND SOILS CLASSIFIED AS GM GC SM SC CL USING THE UNIFIED SOIL CLASSIFICATION SYSTEM. IT SHALL BE FREE OF ORGANIC MATTER, FROST, DEBRIS AND OTHER UNSUITABLE MATERIALS. RESERVOIR SEPARATION BACKFILL MATERIAL SHALL MEET THE FOLLOWING GRADATION:

SIEVE NUMBER	% PASSING BY WEIGHT
3/4"	100 - 95
#10	95 - 80
#40	80 - 55
#100	55 - 30
#200	30 - 15

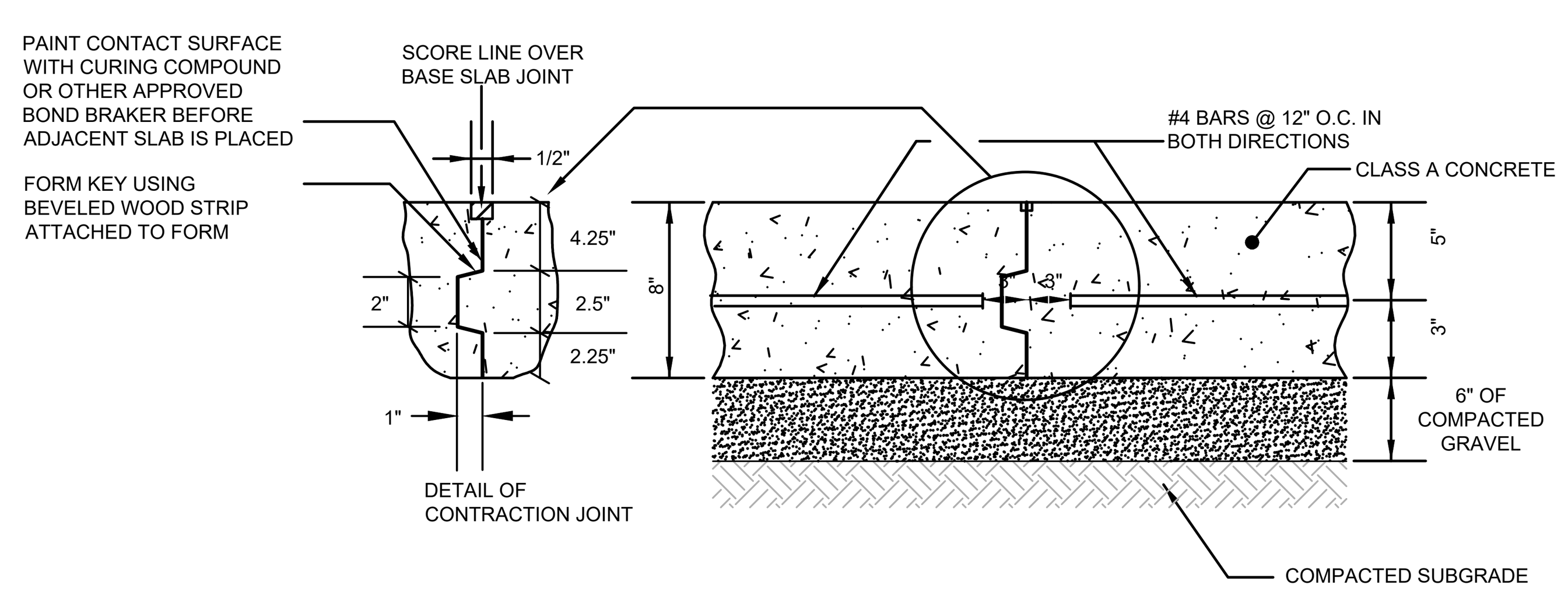
10. PRIOR TO PLACEMENT OF RESERVOIR SEPARATION BACKFILL, MATERIAL SHALL BE SIEVE TESTED AND APPROVED BY THE DESIGN ENGINEER.
11. RESERVOIR SEPARATION MATERIAL SHALL BE INSTALLED AT LOCATIONS DEPICTED ON SITE PLAN SHEET SE-2 AND SHALL BE TWO (2) FEET IN WIDTH FOR THE ENTIRE LENGTH. MATERIAL SHALL BE INSTALLED SUCH THAT THE BOTTOM IS SET FLUSH WITH THE BOTTOM OF THE STONE RESERVOIR AND THE TOP OF THE MATERIAL IS SET 7" BELOW FINISHED GRADED, WHICH VARIES.

POROUS ASPHALT DETAIL
N.T.S.



NOTE:
A 1/8" STEEL DIVISION PLATE SHALL BE PLACED AT EVERY 10 FEET OF CURBING AND REMOVED AFTER THE CONCRETE HAS SET. A 1/2" APPROVED BITUMINOUS JOINT SHALL BE PLACED EVERY 20 FEET.

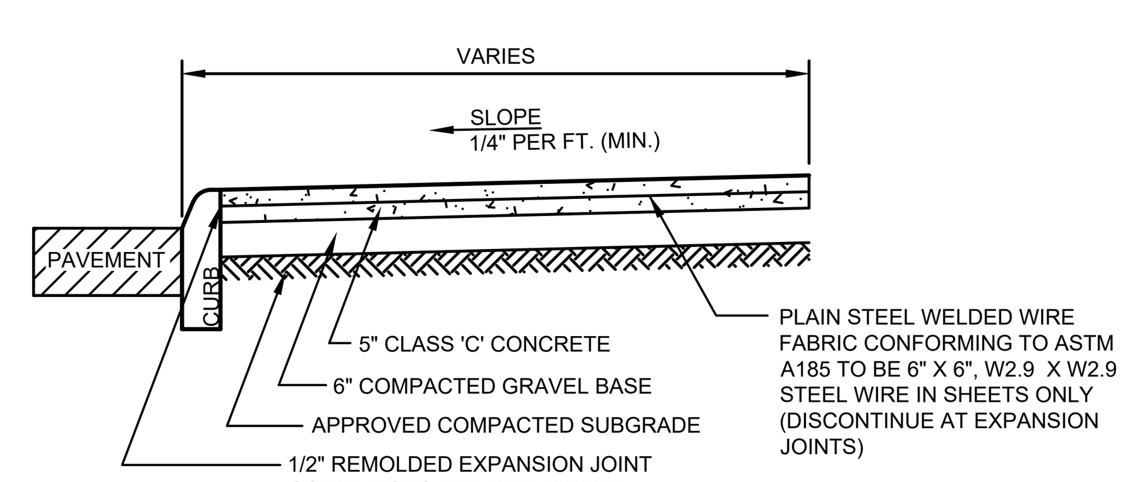
FLUSH CONCRETE CURB
N.T.S.


PAINT CONTACT SURFACE WITH CURING COMPOUND OR OTHER APPROVED BOND BRAKER BEFORE ADJACENT SLAB IS PLACED
SCORE LINE OVER BASE SLAB JOINT
FORM KEY USING BEVELED WOOD STRIP ATTACHED TO FORM
1/2"
4.25"
2"
2.5"
2.25"
1"
DETAIL OF CONTRACTION JOINT
#4 BARS @ 12" O.C. IN BOTH DIRECTIONS
CLASS A CONCRETE
6" OF COMPACTED GRAVEL
COMPACTED SUBGRADE

NOTES:

1. CONCRETE TO BE CLASS 'A' CONFORMING TO CONNDOT FORM 816 SECTION M.03.01.
2. GRAVEL BASE SHALL CONFORM TO GRADATION A AS DEFINED IN CONNDOT FORM 816 SECTION M. 02.01.
3. INSTALL AS PER THE AMERICAN CONCRETE INSTITUTE CODE.
4. THE AREA SHALL BE COMPACTED TO AT LEAST 95% OF THE DRY DENSITY ACHIEVED BY AASHTO T180, METHOD D.
5. CONTRACTION JOINT TO BE PLACED SO REMAINING SECTIONS OF CONCRETE ARE GENERALLY SQUARE OR AT LEAST EVERY 10'.
6. EDGES OF CONCRETE TO BE TOOLED TO A 1/2" RADIUS.
7. SIZE OF PAD TO BE VERIFIED PRIOR TO CONSTRUCTION.

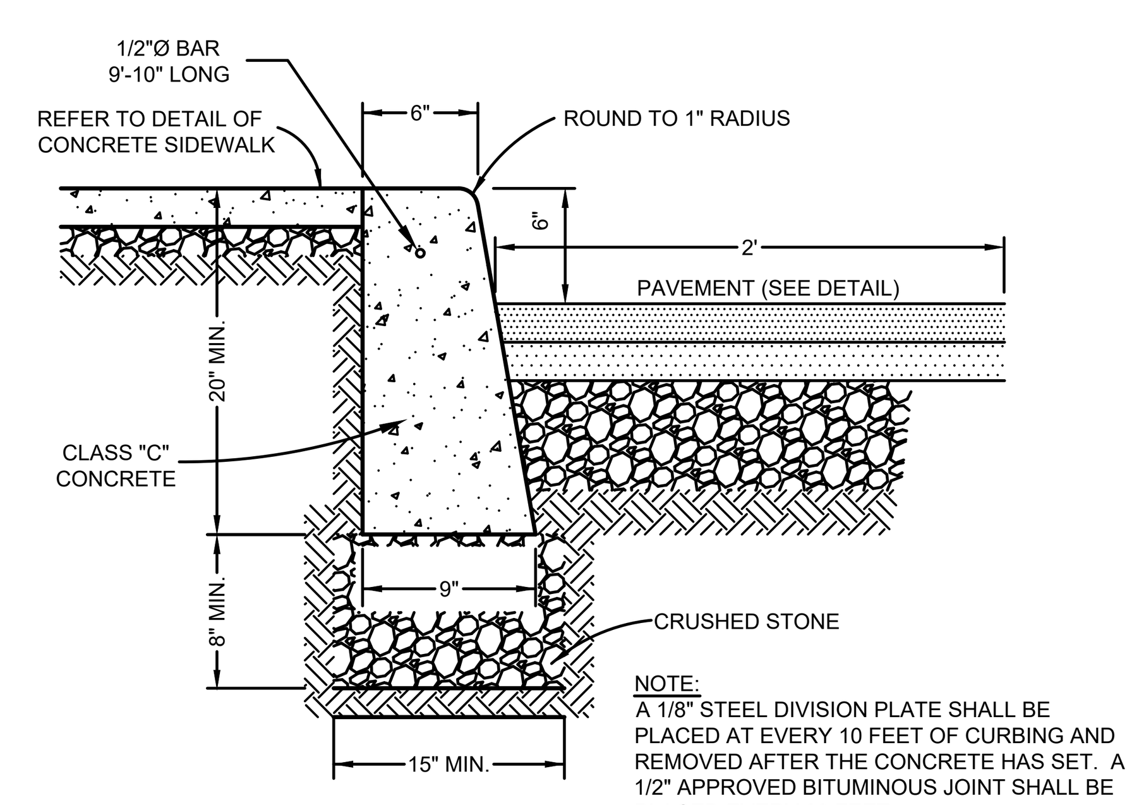
CONCRETE PAD DETAIL
N.T.S.


VARIES
SLOPE
1/4" PER FT. (MIN.)
PAVEMENT
CURB
5" CLASS 'C' CONCRETE
6" COMPACTED GRAVEL BASE
APPROVED COMPACTED SUBGRADE
1/2" REMOLDED EXPANSION JOINT CONTINUOUS AND FULL DEPTH
PLAIN STEEL WELDED WIRE FABRIC CONFORMING TO ASTM A185 TO BE 6" X 6", W2.9 X W2.9 STEEL WIRE IN SHEETS ONLY (DISCONTINUE AT EXPANSION JOINTS)

NOTES:

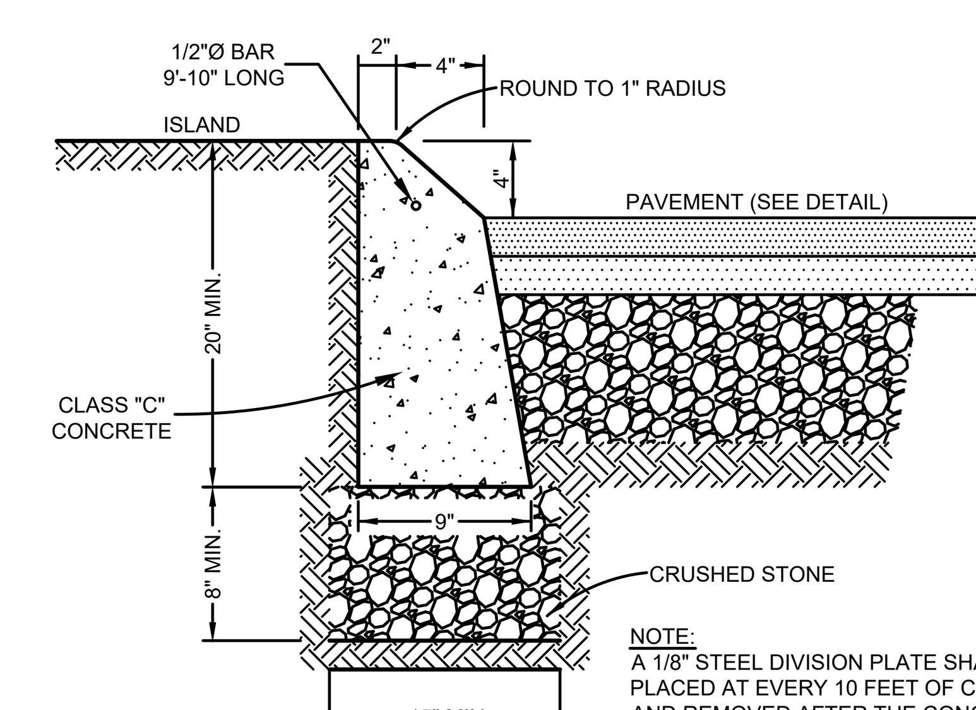
1. CONCRETE TO BE CLASS 'C' CONFORMING TO CT DOT FORM 816 SECTION M.03.01.
2. GRAVEL BASE SHALL CONFORM TO GRADATION A AS DEFINED IN ConnDOT FORM 816 SECTION M. 02.01 INSTALLED AS PER SECTION 3.02.
3. INSTALL AS PER THE AMERICAN CONCRETE INSTITUTE CODE.
4. THE AREA SHALL BE COMPACTED TO AT LEAST 95% OF THE DRY DENSITY ACHIEVED BY ASTM D1557.
5. CONTRACTION JOINTS PLACED IN A SQUARE PATTERN AS PER DETAIL.
6. DRAW A SOFT BRISTLED BROOM ACROSS FLOAT-FINISHED CONCRETE SURFACE PERPENDICULAR TO LINE OF TRAFFIC TO PROVIDE A UNIFORM, FINE LINE TEXTURE.

CONCRETE SIDEWALK
(ON-SITE)
N.T.S.



NOTE:
A 1/8" STEEL DIVISION PLATE SHALL BE PLACED AT EVERY 10 FEET OF CURBING AND REMOVED AFTER THE CONCRETE HAS SET. A 1/2" APPROVED BITUMINOUS JOINT SHALL BE PLACED EVERY 20 FEET.

CONCRETE CURB
N.T.S.



NOTE:
A 1/8" STEEL DIVISION PLATE SHALL BE PLACED AT EVERY 10 FEET OF CURBING AND REMOVED AFTER THE CONCRETE HAS SET. A 1/2" APPROVED BITUMINOUS JOINT SHALL BE PLACED EVERY 20 FEET.

MOUNTABLE CONCRETE CURB
N.T.S.

No.	Date	Revision
3	06/07/2023	PERMIT SET
2	08/19/2022	REVISED PER ENGINEERING COMMENTS / SITE PLAN MODS.
1	05/06/2022	ORIGINAL ISSUE DATE

DETAILS
DEPICTING
1595 POST ROAD EAST
WESTPORT, CT
PREPARED FOR
DELAMAR WESTPORT LLC

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www.rednissmead.com

SCALE: N.T.S.

DRAWN BY: VJH | CHECKED BY: DRG

DAVID R. GINTER CT. P.E. 17177
June 7, 2023
DATE

SHEET No: SE-6

Comm. No.: 7117

6/7/2023 2:46 PMH:\Jobfiles2\7000\7100\7117_2021 Improvements - West Wing Addition\DWG\7117 Details 1dwg.dwg

POLYLOK PL-625 FILTER DETAIL

POLYLOK Inc. — Innovations in Precast, Drainage & Wastewater Products — Zabel® A Division of Polylok Inc.

PL-625 Effluent Filter & Grease Trap

PL-625 Filter

The PL-625 filter is ideal for grease trap applications. The 1/32" filtration has been shown to reduce fats, oils, and grease (FOG) by as much as 60% to 98%! The filter may be used in onsite wastewater systems that require a finer level of TSS removal. Whatever the application, Polylok has the filter for you!

Features:

- Rated for 8,000 GPD (gallons per day).
- 625 linear feet of 1/32" filtration.
- Accepts 4" and 6" SCHD 40 pipe.
- Built in gas deflector.
- Automatic shut-off ball when filter is removed.
- Alarm accessibility.
- Accepts PVC extension handle.

PL-625 Installation:

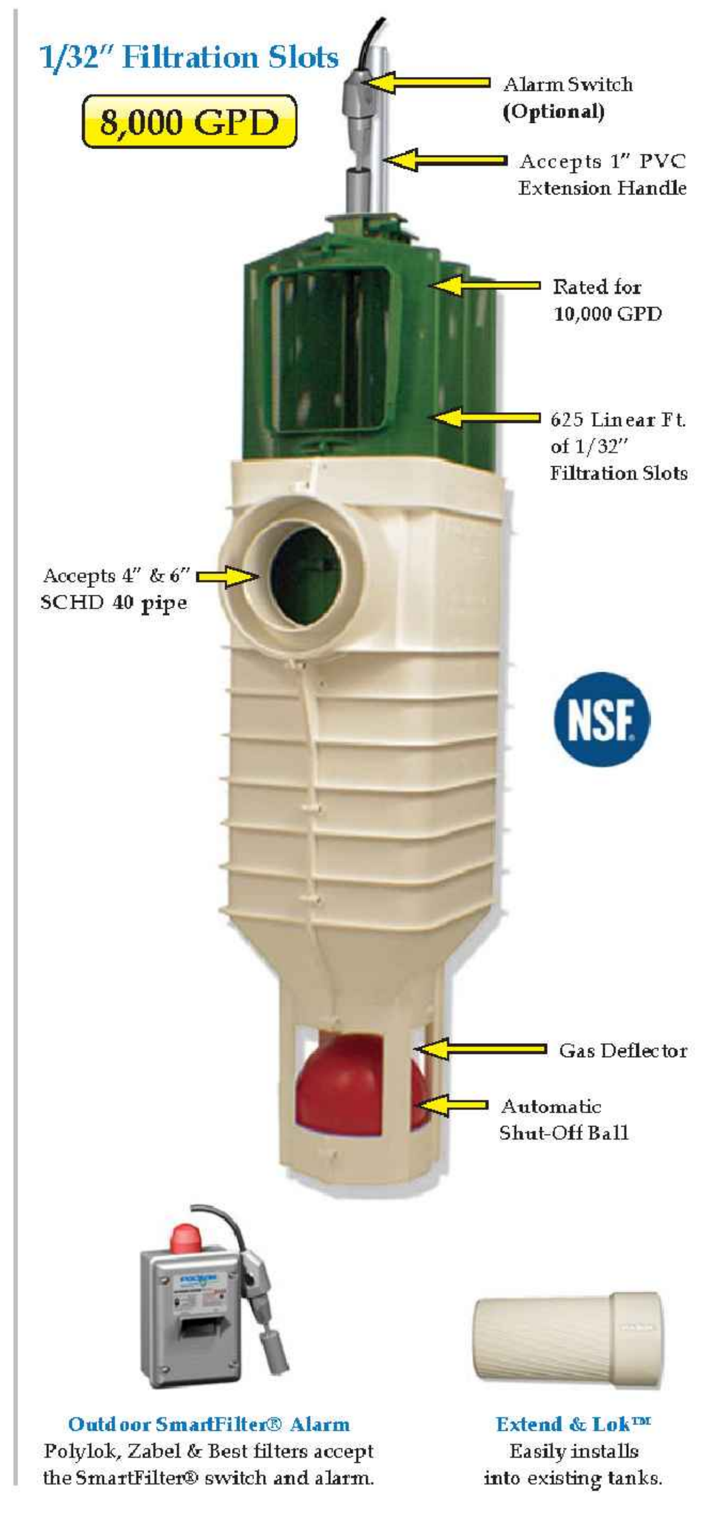
Ideal for residential and commercial waste flows up to 8,000 gallons per day (GPD).

1. Locate the outlet of the septic tank.
2. Remove the tank cover and pump tank if necessary.
3. Glue the filter housing to the 4" or 6" outlet pipe. If the filter is not centered under the access opening use a Polylok Extend & Lok or piece of pipe to center filter.
4. Insert the PL-625 filter into its housing.
5. Replace and secure the septic tank cover.

PL-625 Maintenance:

The PL-625 Effluent Filters will operate efficiently for several years under normal conditions before requiring cleaning. It is recommended that the filter be cleaned every time the tank is pumped, or at least every three years. If the installed filter contains an optional alarm, the owner will be notified by an alarm when the filter needs servicing. Servicing should be done by a certified septic tank pumper or installer.

1. Locate the outlet of the septic tank.
2. Remove tank cover and pump tank if necessary.
3. Do not use plumbing when filter is removed.
4. Pull PL-625 cartridge out of the housing.
5. Hose off filter over the septic tank. Make sure all solids fall back into septic tank.
6. Insert the filter cartridge back into the housing making sure the filter is properly aligned and completely inserted.
7. Replace and secure septic tank cover.



Outdoor SmartFilter® Alarm — Polylok, Zabel & Best filters accept the SmartFilter® switch and alarm.

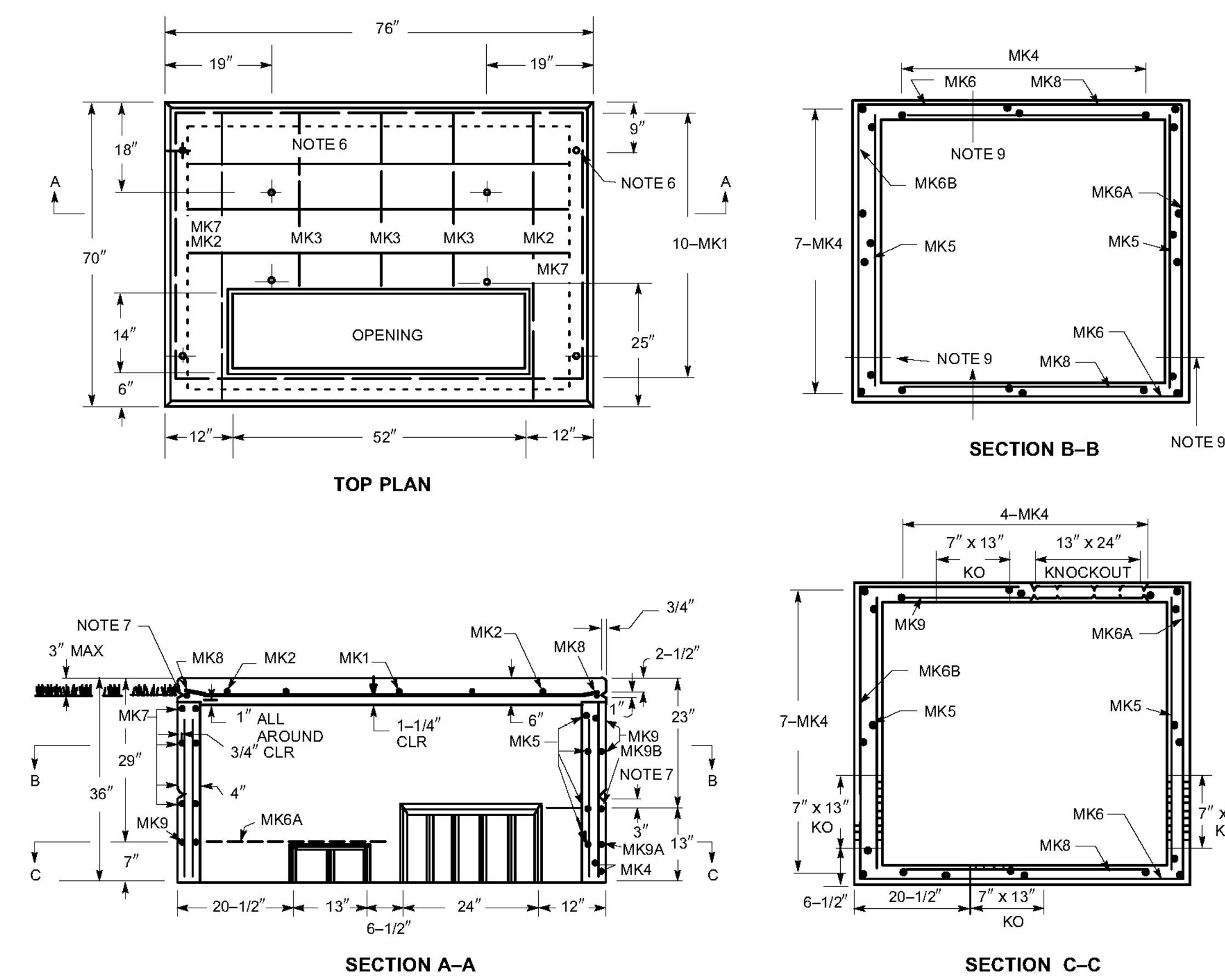
Extend & Lok™ — Easily installs into existing tanks.

Technical Specifications: Page 88 - 89 — 9 — www.polylok.com — 1-877-765-9565

NOTE: REFER TO POLYLOK INC. FOR FURTHER INFORMATION ON INSTALLATION REQUIREMENTS. FILTER TO BE PLACED ON OUTLET OF GREASE INTERCEPTOR

POLYLOK PL-625 FILTER DETAIL

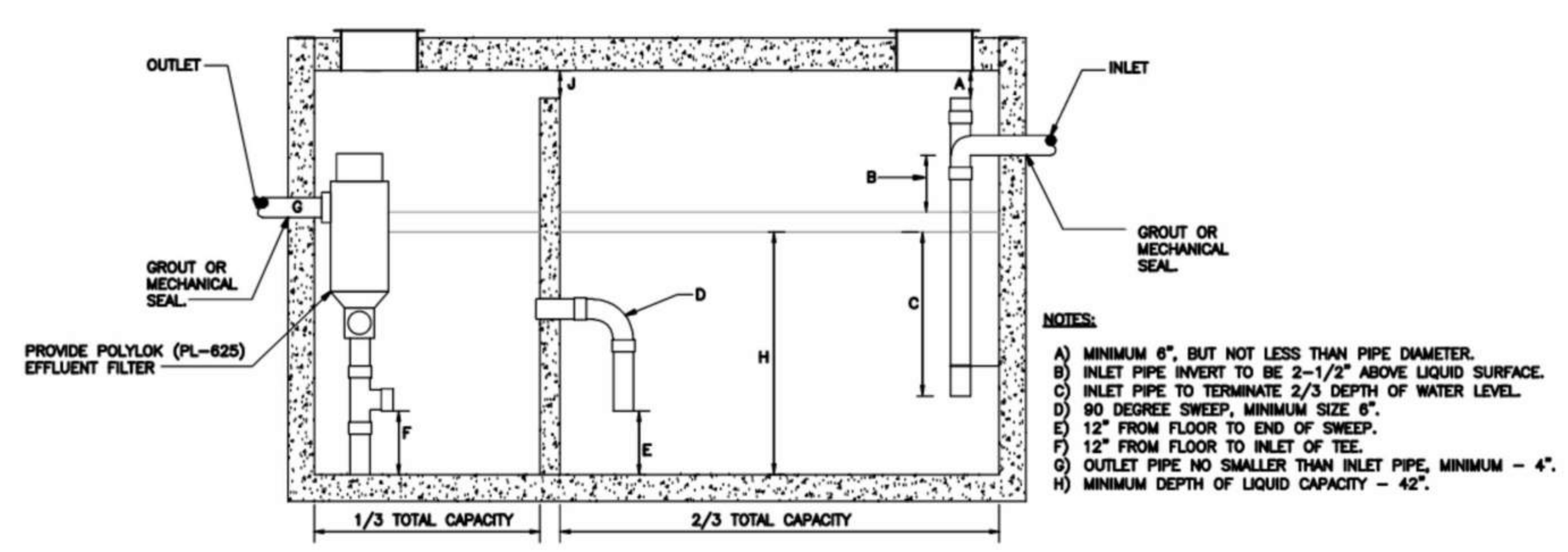
N.T.S.



THREE-PHASE TRANSFORMER PAD

(PRECAST CONCRETE - 76" x70" x 36")

N.T.S.

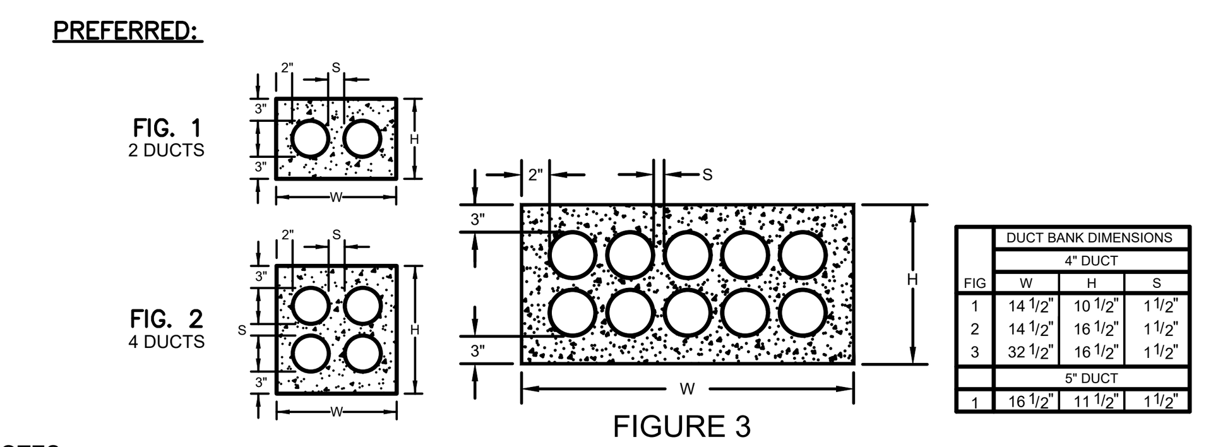


GREASE TRAP TO BE COMPLIANT WITH CT DEEP FOG GENERAL PERMIT

1,200 GALLON CAPACITY GREASE TRAP

N.T.S.

PREFERRED:

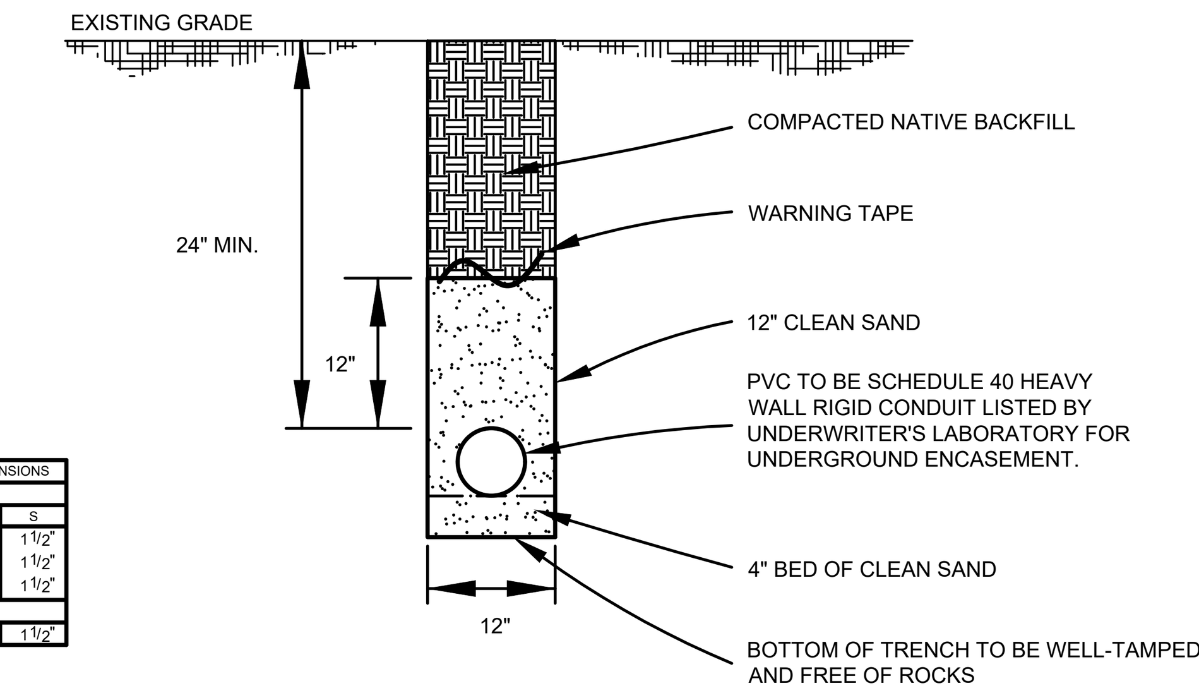


NOTES

1. AT MANHOLES CONDUIT BANKS SHALL BE PER FIGS. 1 OR 2.
2. MINIMUM COVER FROM TOP OF A CONDUIT BANK TO THE PAVEMENT OR EARTH SURFACE TO BE:
   a) STATE HIGHWAYS - 36"
   b) RAILROAD TRACKS - 60"
   c) ALL OTHER AREAS - 24"
3. IN THE CONDUIT RUN BETWEEN MANHOLES IF OBSTRUCTIONS ARE ENCOUNTERED OR TO REDUCE TRENCH DEPTH, FIG. 2A IS PERMISSIBLE.
4. CONCRETE SHALL BE 2500 P.S.I., 1/2" MAXIMUM STONE, 6"-9" SLUMP OF SUCH CONSISTENCY THAT SPADING WILL INSURE THE FLOW OF CONCRETE BETWEEN AND UNDER THE INDIVIDUAL DUCTS, BUT NOT SO WET AS TO FLOAT THE DUCTS. FOR TIER BUILDUP CONSTRUCTION A STIFFER CONSISTENCY SHOULD BE USED.
5. DUCTS SHALL BE SCHEDULE 40 PVC.

EVERSOURCE CONDUIT BANK

N.T.S.

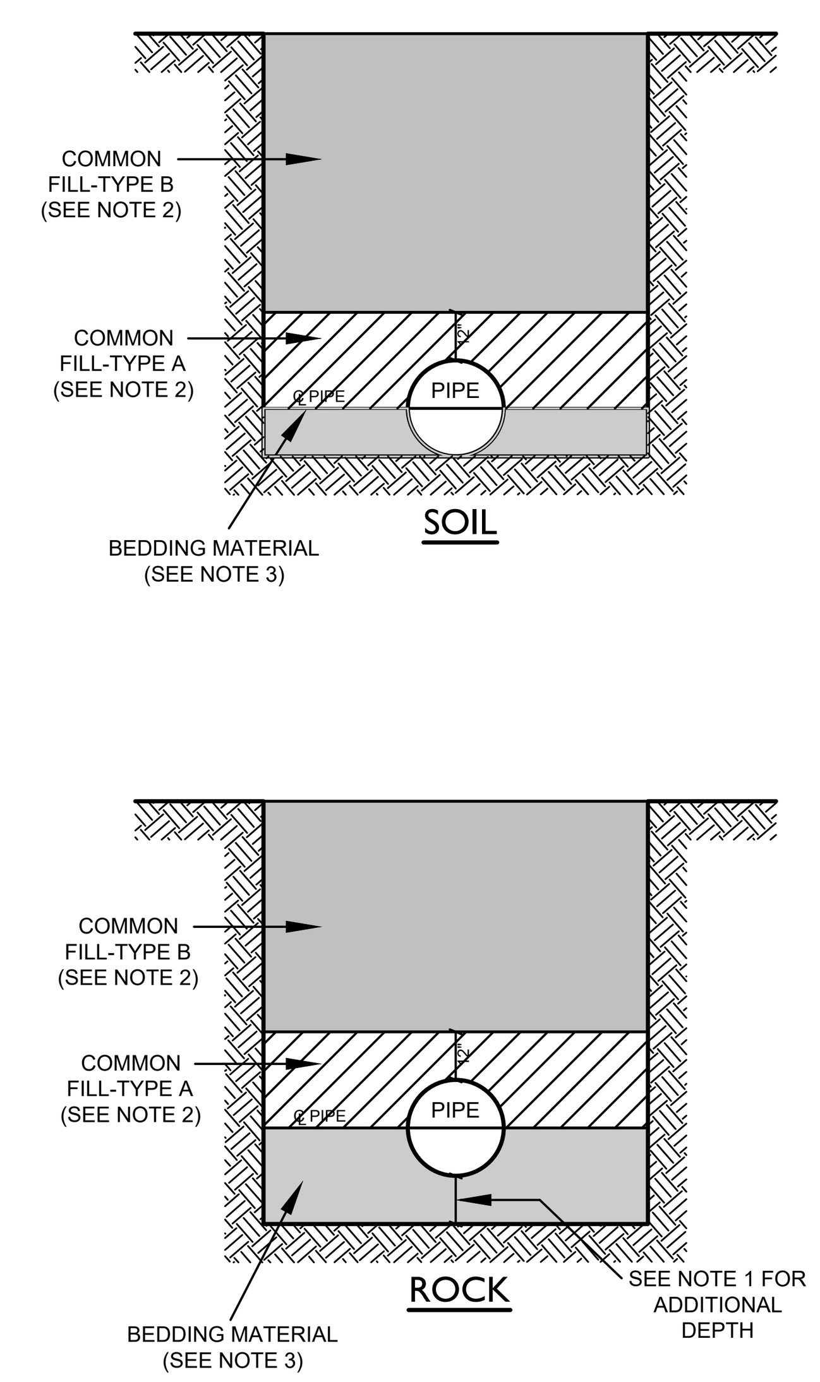


NOTES:

1. IF 24" OF COVER CANNOT BE OBTAINED OVER THE CONDUIT, CONDUIT SHALL BE CONCRETE ENCASED.
2. ALL BACKFILL MATERIAL SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557.

CONDUIT TRENCH DETAIL (SAND BEDDING)

N.T.S.



NOTES:

1. THE TRENCH SHALL BE EXCAVATED TO THE DEPTH REQUIRED, SO AS TO PROVIDE A UNIFORM AND CONTINUOUS BEARING AND SUPPORT FOR THE PIPE BARREL ON SOLID AND UNDISTURBED GROUND AT EVERY POINT BETWEEN JOINTS, EXCEPT THAT IT WILL BE PERMISSIBLE TO DISTURB THE FINISHED TRENCH BOTTOM OVER A MAXIMUM LENGTH OF 18" NEAR THE MIDDLE OF EACH LENGTH OF PIPE BY THE WITHDRAWAL OF PIPE SLINGS OR OTHER LIFTING TACKLE. WHEN REQUIRED, BELL HOLES SHALL BE PROVIDED. THE FINISHED TRENCH BOTTOM SHALL BE ACCURATELY PREPARED BY MEANS OF HAND TOOLS.
2. MATERIAL FOR BACKFILLING SHALL BE EARTH MATERIALS ENTIRELY FREE FROM VEGETATION, TRASH, LUMBER, FROZEN, SOFT OR ORGANIC MATERIALS. NO STONES OR ROCK LARGER THAN THE SIZES LISTED BELOW WILL BE PERMITTED IN THE BACKFILL:

   COMMON FILL-TYPE A: NO STONES OR ROCKS LARGER THAN 1"
   COMMON FILL-TYPE B: NO STONES OR ROCKS LARGER THAN 4"

   COMMON FILL MATERIAL MAY BE OBTAINED FROM THE TRENCH EXCAVATION PROVIDED IT HAS BEEN APPROVED BY THE ENGINEER AND HAS BEEN TESTED IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:

   a.a. ALL MATERIALS TO BE USED FOR BACKFILL, INCLUDING COMMON FILL AND BEDDING MATERIALS, SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACING THE MATERIALS IN THE PIPE TRENCH. ALL BACKFILL AND BEDDING MATERIALS WHETHER OBTAINED FROM THE TRENCH EXCAVATION OR FROM AN OFF-SITE SOURCE MUST BE TESTED AS DIRECTED BY THE ENGINEER.
   a.b. SAMPLES OF THE MATERIALS SHALL BE SUBMITTED TO AN APPROVED TESTING AGENCY FOR ANALYSIS. THE TEST RESULTS AND REPORT STATING THAT THE MATERIALS MEET THE REQUIREMENTS THESE SPECIFICATIONS AND THE SPECIFICATIONS OF FEDERAL, STATE AND LOCAL AUTHORITIES (WHERE APPLICABLE) SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACING THE MATERIALS IN THE PIPE TRENCH.

   IF APPROVED MATERIAL OBTAINED FROM THE TRENCH EXCAVATON IS INSUFFICIENT TO COMPLETE THE BACKFILL, THE CONTRACTOR SHALL OBTAIN THE NECESSARY APPROVED COMMON FILL MATERIALS FROM AN OFF-SITE SOURCE.

3. MATERIALS USED FOR BEDDING AND THE HAUNCH AROUND THE PIPE SHALL BE A COARSE TO FINE SANDY MATERIAL WITH MAXIMUM STONE SIZE OF 1 INCH. THE MATERIAL SHALL CONFORM TO ASTM D2487 STANDARD METHOD FOR CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES" USING THE UNIFIED SOIL CLASSIFICATION SYSTEM, EXCEPT WHERE A HIGHER STANDARD IS REQUIRED ELSEWHERE IN THE CONTRACT DOCUMENTS OR BY RULES OR REGULATIONS OF FEDERAL, STATE OR LOCAL GOVERNMENTAL BODIES HAVING JURISDICTION OVER THE SITE OF THE WORK.

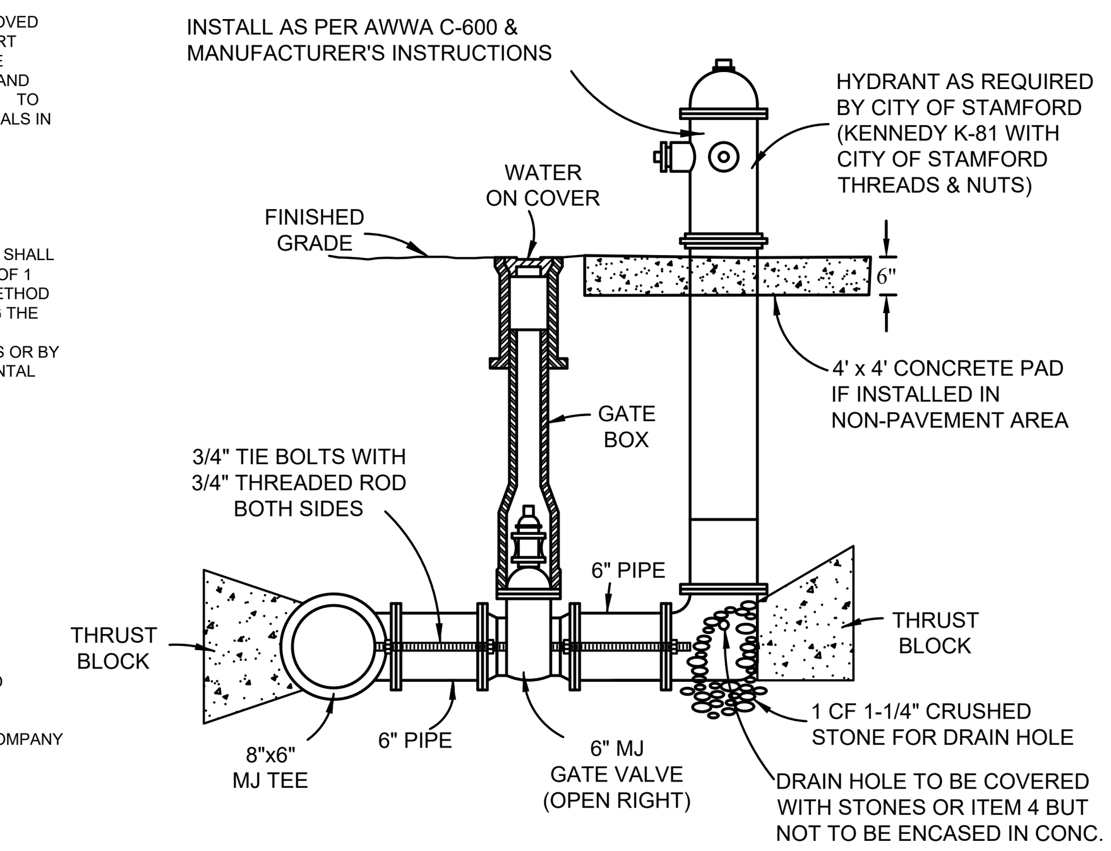
   THE MATERIAL SHALL MEET A CLASS II DESIGNATION. SOIL TYPES GW, GP, SW AND SP, NON-COHESIVE, WELL GRADED AND CONTAINING SOME FINES ARE INCLUDED IN THIS CLASS. WHERE VOIDS, FINER GRAINED SOILS OR MOVEMENT MAY ALLOW MIGRATION OF THIS MATERIAL, A FILTER FABRIC AS DIRECTED BY THE ENGINEER WILL BE USED IN THE TRENCH BOTTOM AND SIDES BEFORE THE SELECT FILL BEDDING IS PLACED.

   BEDDING MATERIAL MAY BE OBTAINED FROM THE TRENCH EXCAVATION PROVIDED IT HAS BEEN TESTED IN ACCORDANCE WITH THE REQUIRE- MENTS STATED ABOVE AND APPROVED BY THE ENGINEER. IF THE APPROVED MATERIAL OBTAINED FROM THE TRENCH EXCAVATION IS INSUFFICIENT TO COMPLETE THE BEDDING, THE CONTRACTOR SHALL OBTAIN THE NECESSARY TESTED AND APPROVED BEDDING MATERIALS FROM AN OFF-SITE SOURCE.

4. REFER TO SECTION 2210 OF THE CONNECTICUT-AMERICAN WATER COMPANY SPECIFICATIONS.

TRENCH BACKFILL MATERIALS

N.T.S.

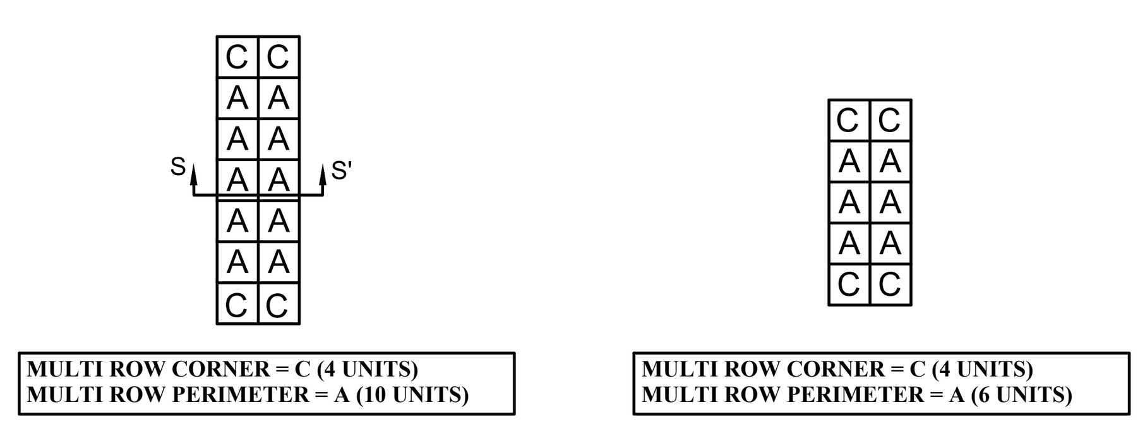


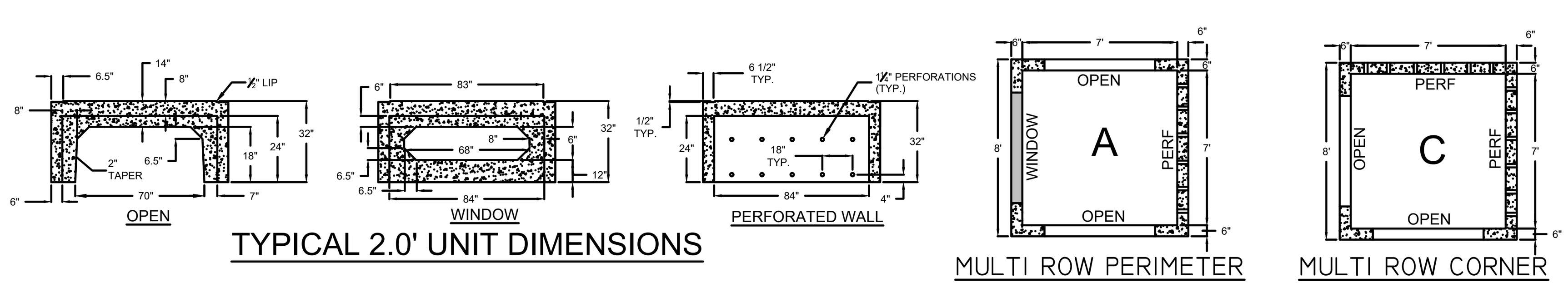
HYDRANT INSTALLATION

N.T.S.

DESIGN NOTES:

1. SYSTEM SHOWN IS A RETAIN-IT SYSTEM MANUFACTURED BY ARROW CONCRETE.
2. CONCRETE - 5,000 PSI, 28 DAYS
3. REINFORCING STEEL CONFORMS TO LATEST ASTM A615 AND A82 OR A185 SPECS.
4. H-20 DESIGN LOADING PER AASHTO HS-20-44.
5. ALL DIMENSIONS ARE TYPICAL
6. A MINIMUM OF 6" OF 3/4" CLEAN WASHED CRUSHED STONE BASE PLACED IN A 95% COMPACTED LEVEL GRADE SHALL BE INSTALLED.
7. REFER TO MANUFACTURER (ARROW CONCRETE) SPECIFICATION FOR ADDITIONAL INSTALLATION DETAILS.
8. MINIMUM DEPTH OF CRUSHED STONE BENEATH UNITS SHALL BE 6".
9. CONCRETE PAD (OR INVERTED ROOF SLAB) SHALL BE PLACED IN UNITS WHERE INLET PIPES ARE TO BE INSTALLED.
10. ACCESS COVERS TO BE PROVIDED FOR INSPECTION OF SYSTEM AT UNITS SPECIFIED ON PLANS. ACCESS COVERS TO BE LOCATED AGAINST SIDE OR END WALL OF UNITS.
11. CONTACT THE DESIGN ENGINEER THREE (3) DAYS PRIOR TO EXCAVATION FOR THE SYSTEM. DURING THE EXCAVATION, THE DESIGN ENGINEER MAY REVISE THE ELEVATIONS OF THE SYSTEM IF FIELD CONDITIONS DICTATE.
12. MAINTENANCE OF ALL ON-SITE DRAINAGE FACILITIES SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.





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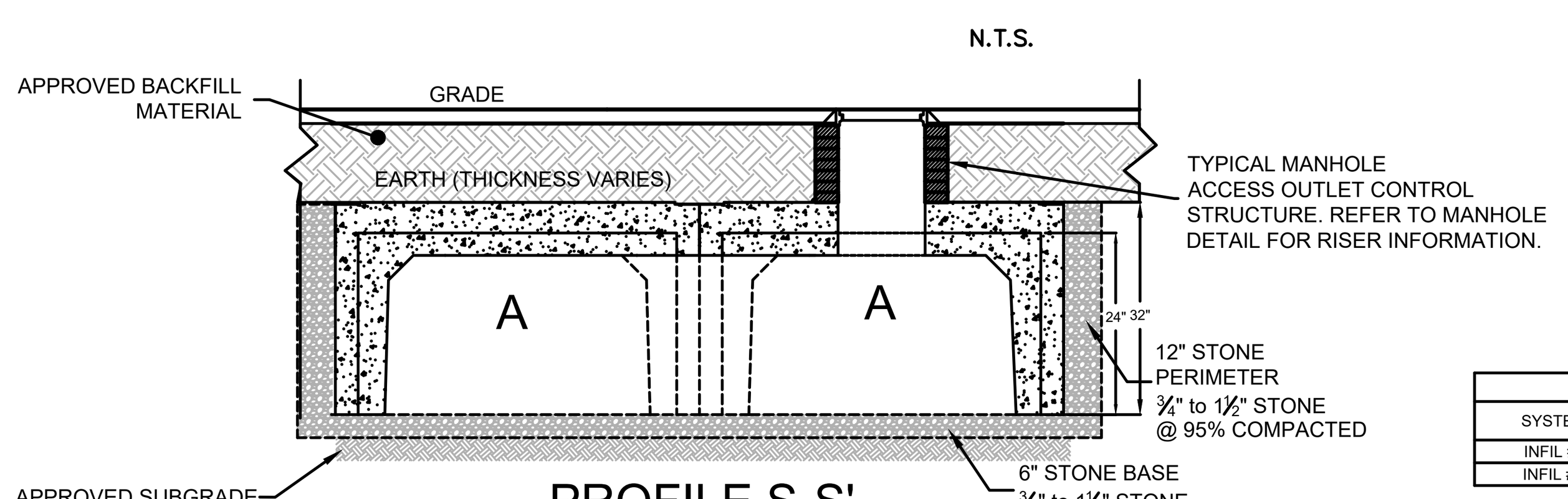


N.T.S.

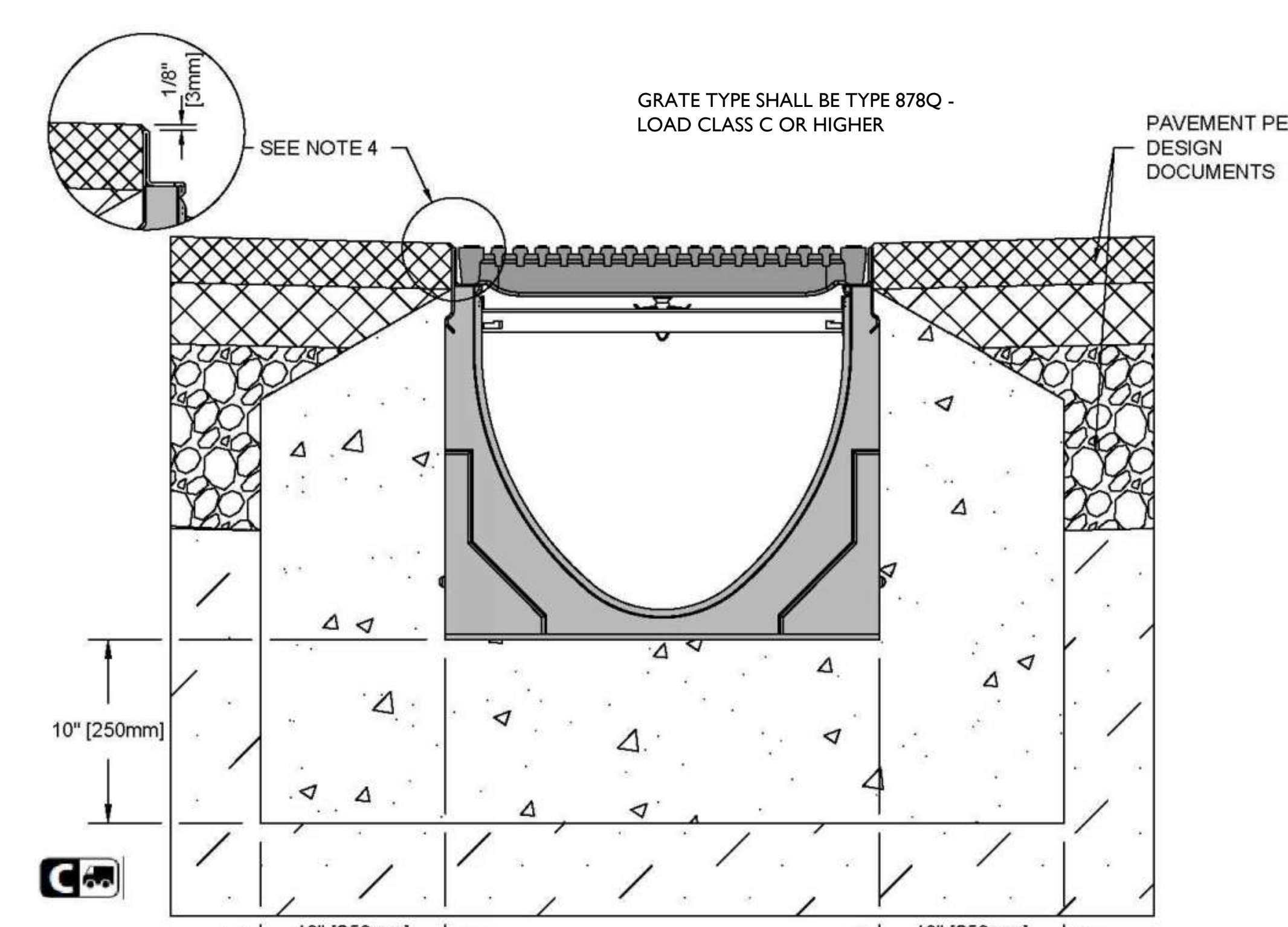
(SEE SITE PLANS FOR ENTIRE SYSTEM LAYOUT IN PLAN VIEW)

ELEVATION TABLE				
SYSTEM	UNIT HEIGHT	TOP OF SYSTEM	BOTTOM OF SYSTEM	BOTTOM OF STONE
INFIL #1	2.0'	83.02	80.35	79.85
INFIL #2	2.0'	82.97	80.30	79.80

RETAIN-IT SYSTEM DETAIL

(INFILTRATION SYSTEM)

N.T.S.



NOTES:

1. IT IS NECESSARY TO ENSURE MINIMUM DIMENSIONS SHOWN ARE SUITABLE FOR EXISTING GROUND CONDITIONS. *ENGINEERING ADVICE MAY BE REQUIRED.*
2. MINIMUM CONCRETE STRENGTH OF 4,000 PSI IS RECOMMENDED. CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS.
3. EXPANSION AND CONTRACTION CONTROL JOINTS AND REINFORCEMENT ARE RECOMMENDED TO PROTECT CHANNEL AND CONCRETE SURROUND. *ENGINEERING ADVICE MAY BE REQUIRED.*
4. THE FINISHED LEVEL OF THE CONCRETE SURROUND MUST BE APPROX. 1/8" [3mm] ABOVE THE TOP OF THE CHANNEL EDGE.
5. CONCRETE BASE THICKNESS SHOULD MATCH SLAB THICKNESS. ENGINEERING ADVICE MAY BE REQUIRED TO DETERMINE PROPER LOAD CLASS.
6. REFER TO ACO'S LATEST INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.

SPECIFICATION CLAUSE

K300 KLASSIKDRAIN 'QUICKLOK' LOAD CLASS C

GENERAL

THE SURFACE DRAINAGE SYSTEM SHALL BE POLYMER CONCRETE K300 CHANNEL SYSTEM WITH GALVANIZED STEEL EDGE RAILS AS MANUFACTURED BY ACO POLYMER PRODUCTS, INC.

MATERIALS

CHANNELS SHALL BE MANUFACTURED FROM POLYESTER RESIN POLYMER CONCRETE WITH AN INTEGRALLY CAST-IN GALVANIZED STEEL EDGE RAIL. MINIMUM PROPERTIES OF POLYMER CONCRETE WILL BE AS FOLLOWS:

COMPRESSIVE STRENGTH:	14,000 PSI
FLEXURAL STRENGTH:	4,000 PSI
TENSILE STRENGTH:	1,500 PSI
WATER ABSORPTION:	0.07%
FROST PROOF	YES
DILUTE ACID AND ALKALI RESISTANT	YES
B117 SALT SPRAY TEST COMPLIANT	YES

THE SYSTEM SHALL BE 12" (300mm) NOMINAL INTERNAL WIDTH WITH A 14.2" (390mm) OVERALL WIDTH AND A BUILT-IN SLOPE OF 0.5%. CHANNEL INVERT SHALL HAVE DEVELOPED "V" SHAPE. ALL CHANNELS SHALL BE INTERLOCKING WITH A MALE/FEMALE JOINT.

THE COMPLETE DRAINAGE SYSTEM SHALL BE BY ACO POLYMER PRODUCTS, INC. ANY DEVIATION OR PARTIAL SYSTEM DESIGN AND/OR IMPROPER INSTALLATION WILL VOID ANY AND ALL WARRANTIES PROVIDED BY ACO POLYMER PRODUCTS, INC.

CHANNEL SHALL WITHSTAND LOADING TO PROPER LOAD CLASS AS OUTLINED BY EN 1433. GRATE TYPE SHALL BE APPROPRIATE TO MEET THE SYSTEM LOAD CLASS SPECIFIED AND INTENDED APPLICATION. GRATES SHALL BE SECURED USING 'QUICKLOK' BOLTLESS LOCKING SYSTEM. CHANNEL AND GRATE SHALL BE CERTIFIED TO MEET THE SPECIFIED EN 1433 LOAD CLASS. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

K3-C-HAP	K300 - KLASSIKDRAIN - LOAD CLASS: C Haunched Asphalt Pavement	ACO Polymer Products, Inc.		
ACO DATE: 08/18/16	INSTALLATION DRAWING - ACO DRAIN	825 W. Beechcraft St Casa Grande, AZ 85122 Tel: 520-421-9988 Fax: 520-421-9899	9470 Pinecone Dr. Mentor, OH 44060 Tel: 440-639-7230 Fax: 440-639-7235	4211 Pleasant Rd. Fort Mill, SC 29708 Tel: 440-639-7230 Fax: 803-802-1063

ACO K300 TRENCH DRAIN DETAIL

N.T.S.

TRENCH DRAIN LAYOUT:

TD#1: SEVEN (7) SECTIONS K3-14 TO K3-20 AND ONE (1) INLINE CB, K3-903S.

USE KNOCKOUT "G" (6" DIA. PIPE) OF THE INLINE CB FOR OUTLET.

No.	Date	Revision
3	06/07/2023	PERMIT SET
2	08/19/2022	REVISED PER ENGINEERING COMMENTS / SITE PLAN MODS.
1	05/06/2022	ORIGINAL ISSUE DATE

DETAILS

DEPICTING

1595 POST ROAD EAST

WESTPORT, CT

PREPARED FOR

DELAMAR WESTPORT LLC

REDNISS & MEAD
LAND SURVEYING
CIVIL ENGINEERING
PLANNING & ZONING CONSULTING
PERMITTING
22 First Street | Stamford, CT 06905
Tel: 203.327.0500 | Fax: 203.357.1118
www.rednissmead.com

SCALE: N.T.S.

DRAWN BY: VJH — CHECKED BY: DRG

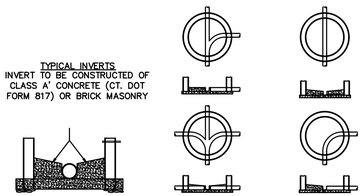
DAVID R. GINTER, P.E. No. 22717

June 7, 2023

DATE

SHEET No: **SE-7**

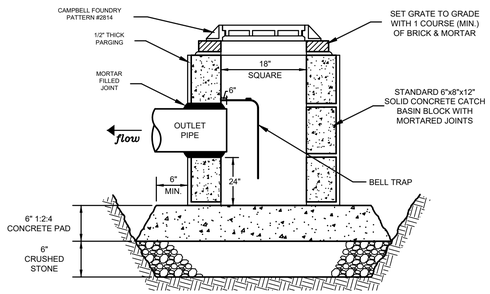
Comm. No.: 7117



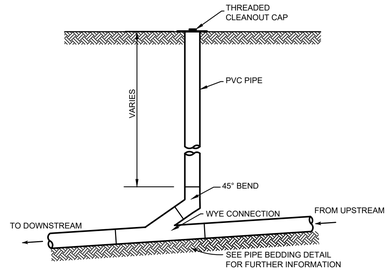
NOTES:

1. INVERT TO BE INSTALLED IN ALL STORM & SANITARY MANHOLES.

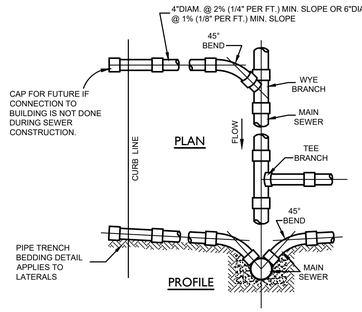
MANHOLE INVERT
N.T.S.



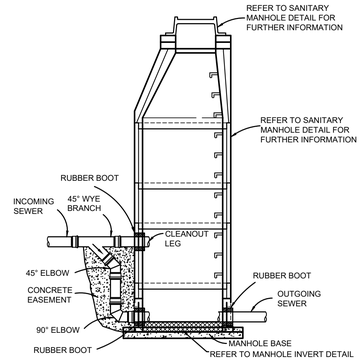
18" AREA DRAIN
(AREA DRAINS #10 & 11)
N.T.S.



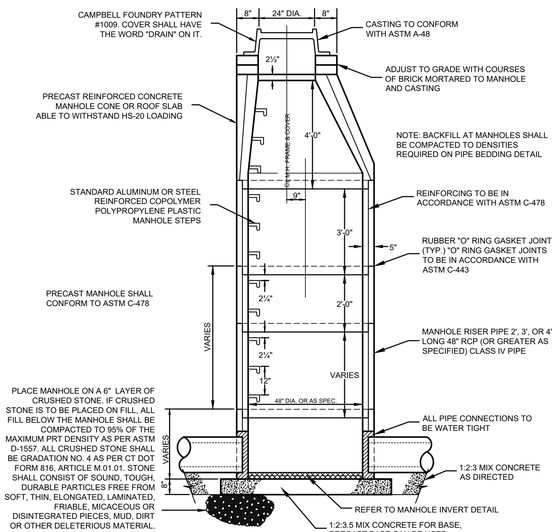
SANITARY CLEANOUT DETAIL
N.T.S.



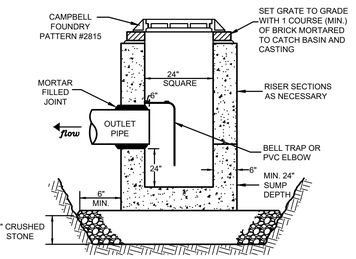
LATERAL CONNECTION TO SANITARY SEWER
N.T.S.



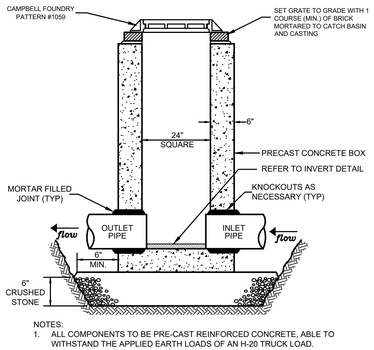
OUTSIDE MANHOLE DROP CONNECTION
(FOR EX. SMH#1)
N.T.S.



STORM MANHOLE DETAIL
N.T.S.



24" AREA DRAIN
N.T.S.



NOTES:

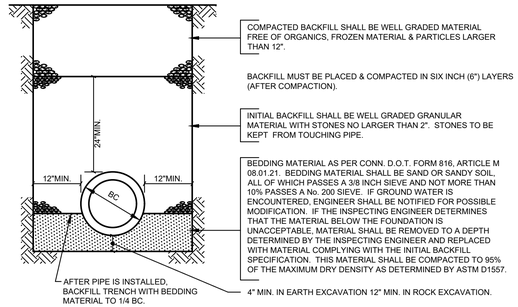
1. ALL COMPONENTS TO BE PRE-CAST REINFORCED CONCRETE, ABLE TO WITHSTAND THE APPLIED EARTH LOADS OF AN H-20 TRUCK LOAD.
2. ALL JOINTS TO BE MORTARED.
3. JUNCTION BOXES SHALL CONFORM TO ASTM C478.
4. ALL CRUSHED STONE SHALL BE GRADATION NO. 4 AS PER CT D.O.T. FORM 818, ARTICLE M.01.01. STONE SHALL CONSIST OF SOUND, TOUGH, DURABLE PARTICLES FREE FROM SOFT, THIN, ELONGATED, LAMINATED, FRIABLE, MICACEOUS OR DISINTEGRATED PIECES, MUD, DIRT OR OTHER DELETERIOUS MATERIAL.
5. CONTRACTOR MAY USE 4' INNER DIAMETER MANHOLE FOR JUNCTION BOXES GREATER THAN 5' DEEP OR IF ANGLES OF INLET/OUTLET PIPES DON'T ALLOW FOR A SQUARE STRUCTURE INSTALLATION.

JUNCTION BOX
N.T.S.

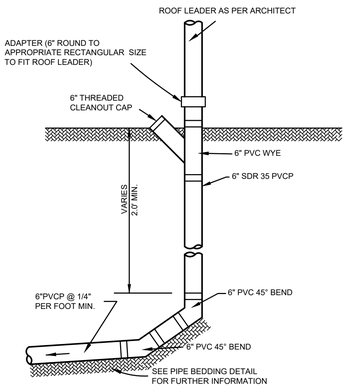
WATER STOP: 10' UPSTREAM OF STRUCTURES AND WHERE SHOWN, FOUNDATION MATERIAL, BEDDING, HAUNCHING, INITIAL BACKFILL, AND THE BOTTOM FOOT OF GENERAL BACKFILL TO BE REPLACED WITH SM, SC, OR ML SOIL AS PER UNIFIED SOIL CLASSIFICATION SYSTEM" WITH MAXIMUM PARTICLE SIZE OF 1-1/2", FOR 3 LINEAR FEET OF TRENCH. WATER STOP TO BE KEYED INTO TRENCH BOTTOM AND WALLS A MINIMUM OF ONE FOOT. NO STONES LARGER THAN 6" SHALL BE WITHIN 12" OF THE PIPE.
ALL FOUNDATION, INITIAL BACKFILL & BACKFILL MATERIAL TO BE APPROVED BY THE INSPECTING ENGINEER.

ANY DEVIATION FROM THESE METHODS & MATERIALS MUST BE APPROVED IN WRITING BY THE INSPECTING ENGINEER.

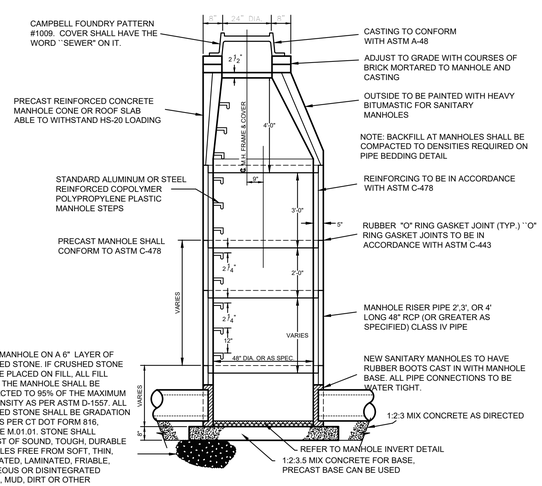
ALL MATERIAL TO BE COMPACTED TO 95% OF THE MAX. DRY DENSITY AS DETERMINED BY ASTM D1557, EXCEPT COMPACTED BACKFILL" NOT UNDER PAVEMENT WHICH SHALL BE COMPACTED TO A DENSITY AT LEAST EQUAL TO THAT OF THE ADJACENT UNDISTURBED MATERIAL.



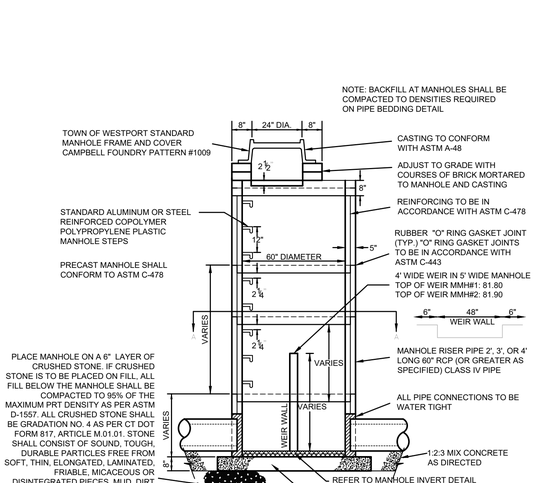
PVC PIPE TRENCH BEDDING DETAIL
(48" DIA. & UNDER)
N.T.S.



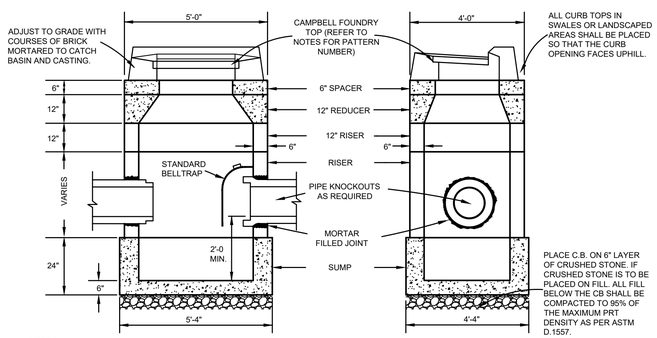
ROOF LEADER CLEANOUT DETAIL
N.T.S.



SANITARY MANHOLE DETAIL
N.T.S.



METER MANHOLE DETAIL
N.T.S.



NOTES:

1. ALL CATCH BASIN COMPONENTS TO BE PRE-CAST REINFORCED CONCRETE, ABLE TO WITHSTAND THE APPLIED EARTH LOADS WITH AN H-20 TRUCK LOAD.
2. ALL JOINTS TO BE MORTARED.
3. CATCH BASIN SHALL CONFORM TO ASTM C478. ALL CRUSHED STONE SHALL BE GRADATION NO. 4 AS PER CT D.O.T. FORM 817, ARTICLE M.01.01. STONE SHALL CONSIST OF SOUND, TOUGH, DURABLE PARTICLES FREE FROM SOFT, THIN, ELONGATED, LAMINATED, FRIABLE, MICACEOUS OR DISINTEGRATED PIECES, MUD, DIRT OR OTHER DELETERIOUS MATERIAL.
4. CURB TOP UNITS TO BE CAMPBELL FOUNDRY PATTERN #2617.
5. FLAT TOP UNITS TO BE CAMPBELL FOUNDRY FRAME PATTERN #3408 (CATCH BASIN IN THE EXISTING CATCH BASIN IN THE RIGHT OF WAY TO BE REPLACED).
6. ADD CEP SAKPIL10 SACK PILLOWS (SKU#CE-SAKPIL10) TO EACH CATCH BASIN.

CAST IRON BELL TRAP	
PIPE SIZE	CAMPBELL FOUNDRY NO.
12"	2563
15"	2564
18"	2565
21"	2566
24"	2568A

CATCH BASIN DETAIL
N.T.S.

No.	Date	Revision
3	06/07/2023	PERMIT SET
2	08/19/2022	REVISED PER ENGINEERING COMMENTS / SITE PLAN MODS.
1	05/06/2022	ORIGINAL ISSUE DATE

DETAILS
DEPICTING
1595 POST ROAD EAST
WESTPORT, CT
PREPARED FOR
DELAMAR WESTPORT LLC

REDNISS & MEAD
LAND SURVEYING
CIVIL ENGINEERING
PLANNING & ZONING CONSULTING
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22 First Street | Stamford, CT 06905
Tel: 203.327.0500 | Fax: 203.357.1118
www.rednissmead.com

SCALE: N.T.S.

DRAWN BY: VJH CHECKED BY: DRG

STATE OF CONNECTICUT · DAVID R. GINTER · No. 27117 · REGISTERED PROFESSIONAL ENGINEER

DAVID R. GINTER, P.E. No. 27117

DATE: June 7, 2023

This document and copies thereof are valid only if they bear the signature and embossed seal of the designated licensed professional. Unauthorized alterations render any declaration hereon null & void.

SHEET No: SE-8

Comm. No.: 7117

6/7/2023 2:49 PM\\Usrfiles\27000\7100\7117_2021 Improvements - West Wing Addition\DWG\7117 Details 1dwg.dwg

TEST PIT DATA (2009)

Subsurface Soil Investigation
Soil Profile

Test Pit #: 1	Date: 05/27/2009
Inspector: TM/DRG	Sanitarian: JK
Ledge at: 73"	Mottling at: -
Water at: -	Roots at: -
Depth: 73"	Soil Description
0"-4"	Asphalt
4"-21"	Fill
21"-73"	Brown Sand and Gravel

Subsurface Soil Investigation
Soil Profile

Test Pit #: 2	Date: 05/27/2009
Inspector: TM/DRG	Sanitarian: JK
Ledge at: 55"	Mottling at: -
Water at: -	Roots at: -
Depth: 55"	Soil Description
0"-4"	Asphalt
4"-21"	Fill
21"-55"	Brown Course Sand and Gravel

Subsurface Soil Investigation
Soil Profile

Test Pit #: 3	Date: 05/27/2009
Inspector: TM/DRG	Sanitarian: JK
Ledge at: 52"	Mottling at: -
Water at: -	Roots at: -
Depth: 52"	Soil Description
0"-5"	Asphalt
5"-9"	Road Base
9"-19"	Orange Brown Silty Loam
19"-52"	Tan Medium Course Sand

TEST PIT DATA (2022)

Subsurface Soil Investigation
Soil Profile

Test Pit #: 101	Date: 01/27/2022
Inspector: DRG	Sanitarian: None
Ledge at: None	Mottling at: None
Water at: None	Roots at: 84"
Depth: 96"	Soil Description
0"-72"	Light Brown Silty Sand w/cobbles
72"-96"	Sand

Subsurface Soil Investigation
Soil Profile

Test Pit #: 102	Date: 01/27/2022
Inspector: DRG	Sanitarian: None
Ledge at: None	Mottling at: None
Water at: None	Roots at: 84"
Depth: 108"	Soil Description
0"-24"	Fill (Compact)
24"-108"	Light Brown Loam w/cobbles (possible fill)

Subsurface Soil Investigation
Soil Profile

Test Pit #: 103	Date: 01/27/2022
Inspector: DRG	Sanitarian: None
Ledge at: None	Mottling at: None
Water at: None	Roots at: None
Depth: 96"	Soil Description
0"-36"	Fill (Compact)
36"-96"	Light Brown Loam w/cobbles

Subsurface Soil Investigation
Soil Profile

Test Pit #: 104	Date: 01/27/2022
Inspector: DRG	Sanitarian: None
Ledge at: None	Mottling at: None
Water at: None	Roots at: None
Depth: 96"	Soil Description
0"-48"	Fill (Compact)
48"-96"	Light Brown Sandy Loam (possible fill - looser than top layer)

Subsurface Soil Investigation
Soil Profile

Test Pit #: 105	Date: 01/27/2022
Inspector: DRG	Sanitarian: None
Ledge at: 38"	Mottling at: None
Water at: None	Roots at: None
Depth: 38"	Soil Description
0"-18"	Fill and asphalt
18"-38"	Light Brown Sand w/cobbles

PERCOLATION TEST DATA (2022)

Recorded By: DML — Date: 01/27/22
Hole: 101 — Project: 7117
Depth: 23" — Diameter: 15.5"
11:20 AM — 1:06 hrs

Minimum Uniform Drop: 3/16 inches in 5 minutes

Percolation Rate = 1"drop in 20.00 minutes

Time	Reading In Inches Total	Increment Drop In Inches
12:26 PM	4 12/16	-
12:31 PM	5 4/16	8/16
12:36 PM	5 12/16	8/16
12:41 PM	6	4/16
12:46 PM	6 7/16	7/16
12:51 PM	6 11/16	4/16
12:56 PM	6 15/16	4/16
1:01 PM	7 3/16	4/16
1:06 PM	7 7/16	4/16
1:11 PM	7 10/16	3/16
1:16 PM	7 13/16	3/16
1:21 PM	8	3/16
1:26 PM	8 4/16	4/16

Recorded By: DML — Date: 01/27/22
Hole: 102 — Project: 7117
Depth: 27.56" — Diameter: 15"
11:02 AM — 2:48 hrs

Minimum Uniform Drop: 2/16 inches in 5 minutes

Percolation Rate = 1"drop in 40.00 minutes

Time	Reading In Inches Total	Increment Drop In Inches
1:50 PM	6 7/16	-
1:55 PM	6 10/16	3/16
2:00 PM	6 14/16	4/16
2:05 PM	7 2/16	4/16
2:10 PM	7 6/16	4/16
2:15 PM	7 10/16	4/16
2:20 PM	7 12/16	2/16
2:25 PM	7 14/16	2/16
2:30 PM	8	2/16
2:35 PM	8 2/16	2/16
2:40 PM	8 4/16	2/16
2:45 PM	8 7/16	3/16
2:50 PM	8 9/16	2/16

Recorded By: DML — Date: 02/01/22
Hole: 103 — Project: 7117
Depth: 55.5" — Diameter: 10.5"
9:50 AM — 3:27 hrs

Minimum Uniform Drop: 1/16 inches in 10 minutes

Percolation Rate = 1"drop in 160.00 minutes

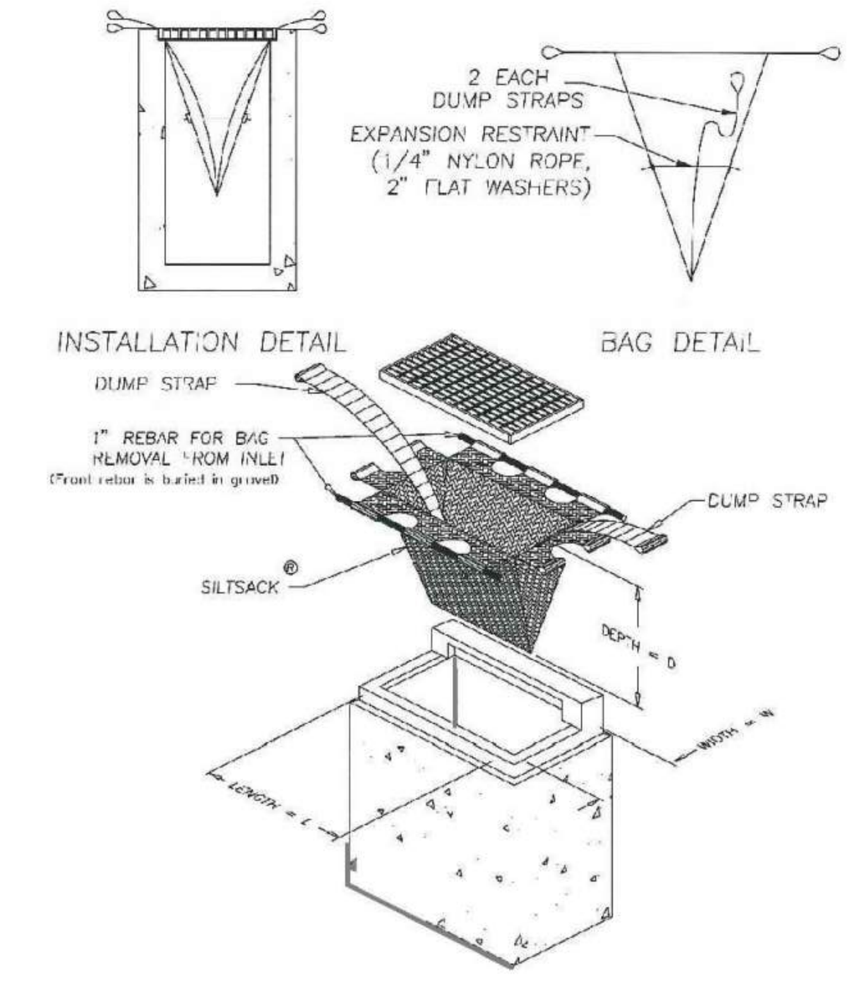
Time	Reading In Inches Total	Increment Drop In Inches
1:17 PM	3 7/16	-
1:27 PM	3 9/16	2/16
1:37 PM	3 10/16	1/16
1:47 PM	3 11/16	1/16
1:57 PM	3 12/16	1/16
2:07 PM	3 13/16	1/16
2:17 PM	3 15/16	2/16
2:27 PM	4	1/16
2:37 PM	4 1/16	1/16

Recorded By: DML — Date: 02/01/22
Hole: 104 — Project: 7117
Depth: 45" — Diameter: 8"
10:17 AM — 3:17 hrs

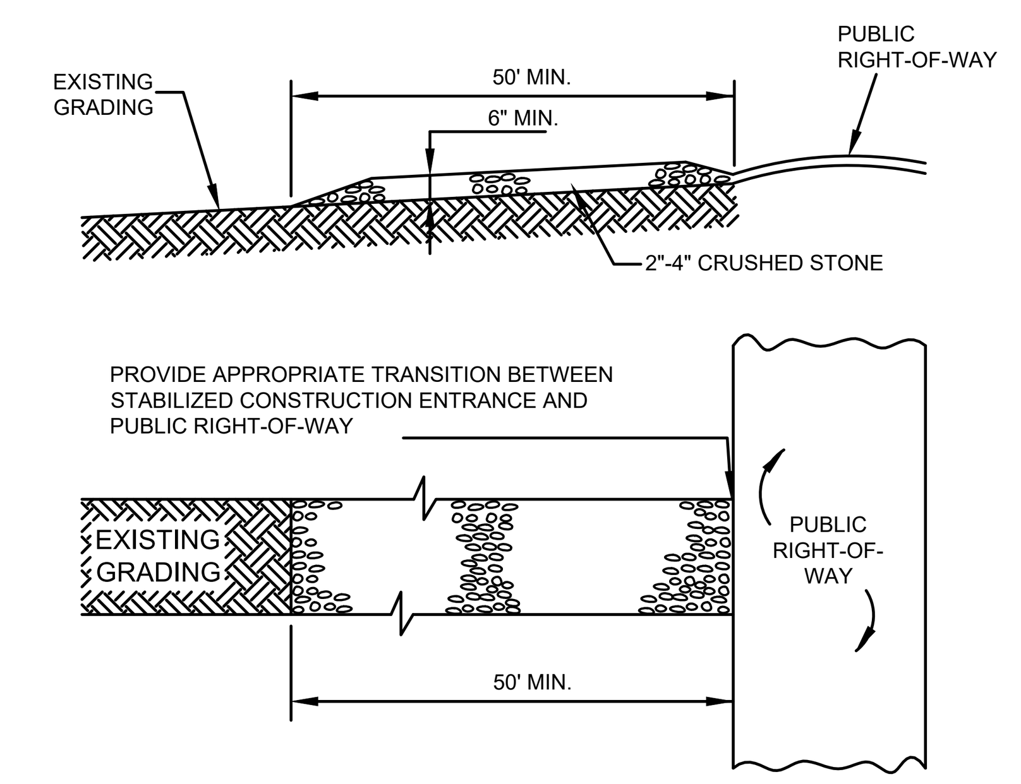
Minimum Uniform Drop: 3/16 inches in 5 minutes

Percolation Rate = 1"drop in 26.67 minutes

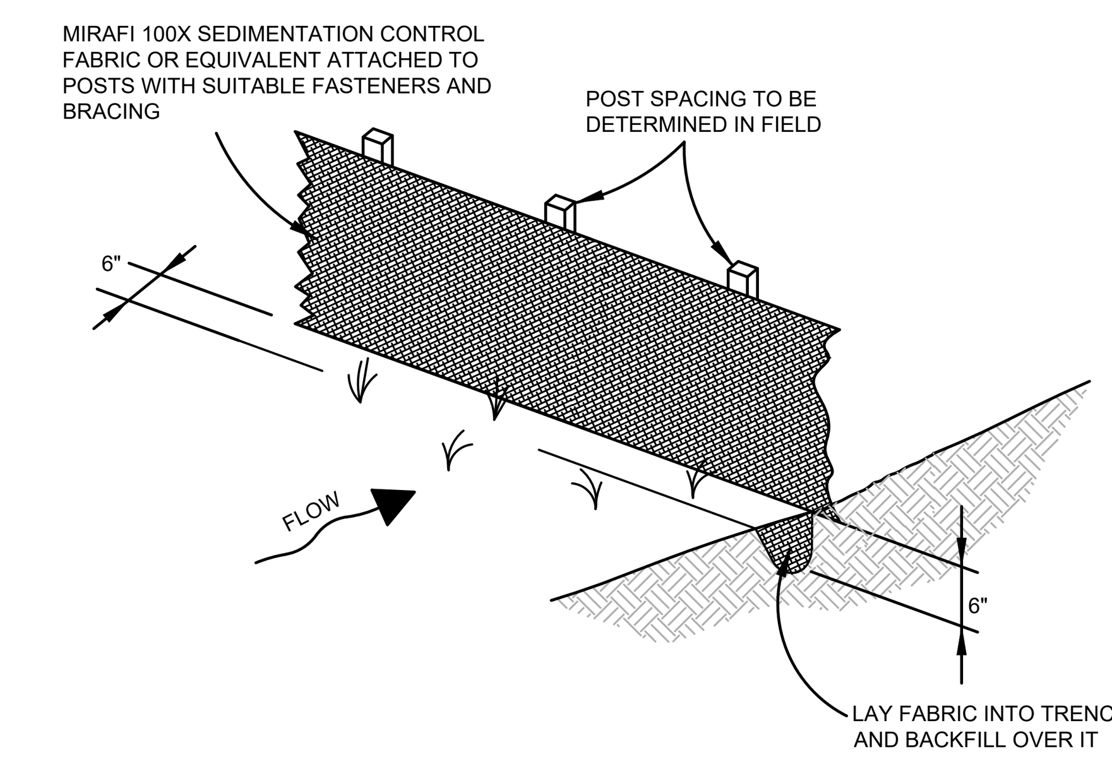
Time	Reading In Inches Total	Increment Drop In Inches
1:34 PM	6 2/16	-
1:39 PM	6 6/16	4/16
1:44 PM	6 10/16	4/16
1:49 PM	6 14/16	4/16
1:54 PM	7 1/16	3/16
1:59 PM	7 5/16	4/16
2:04 PM	7 8/16	3/16
2:09 PM	7 11/16	3/16
2:14 PM	7 14/16	3/16
2:19 PM	8 1/16	3/16
2:24 PM	8 4/16	3/16
2:29 PM	8 7/16	3/16
2:34 PM	8 10/16	3/16



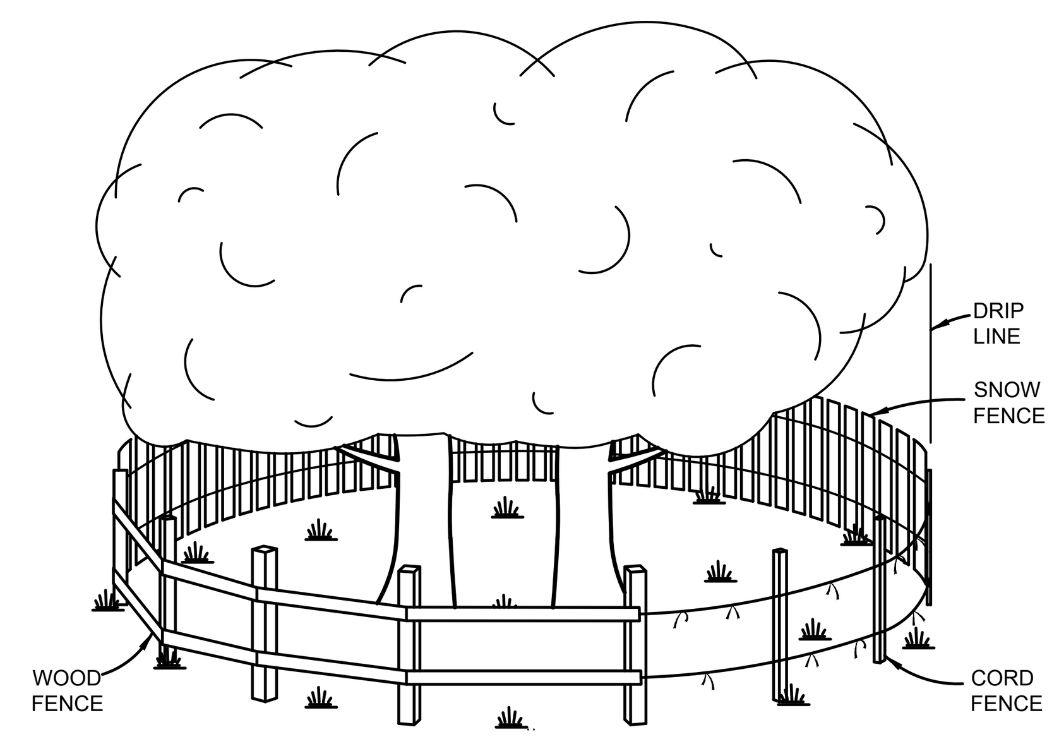
INLET SEDIMENT CONTROL DEVICE
(SILT SACK)
N.T.S.



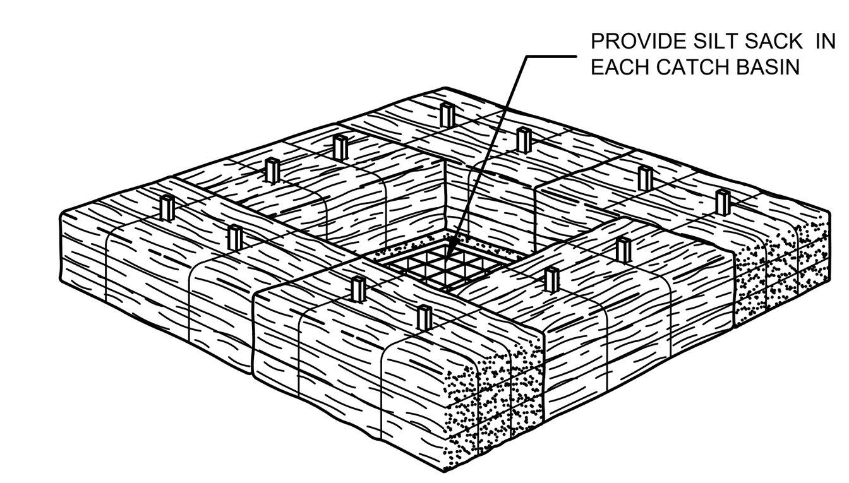
STABILIZED CONSTRUCTION ENTRANCE
(TRACKING PAD)
N.T.S.



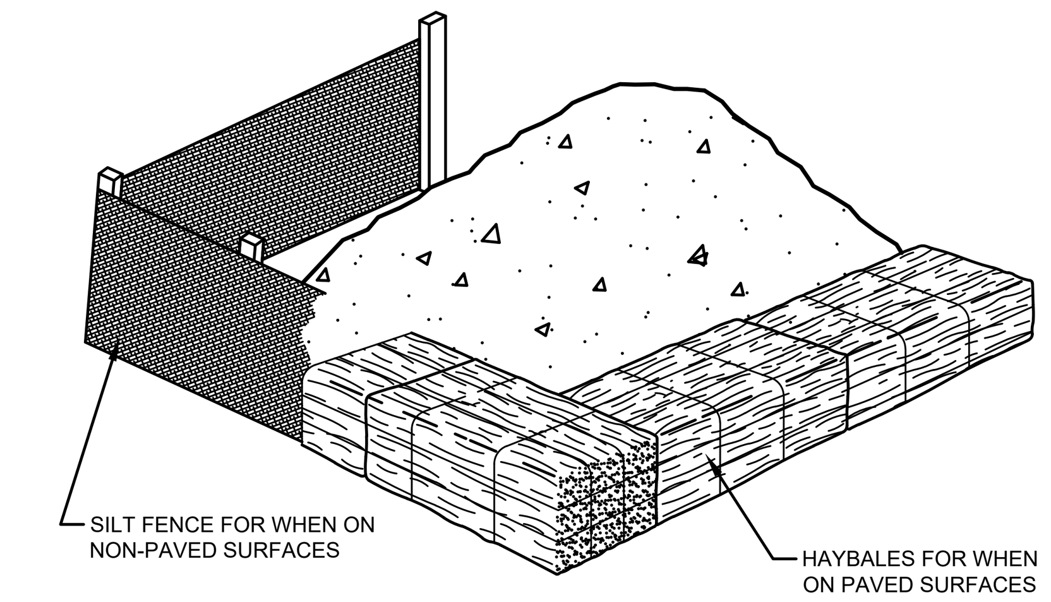
FABRIC & POST SILTATION BARRIER
(SILT FENCE)
N.T.S.



TREE PROTECTION
(SHOWING ACCEPTABLE TYPES OF FENCING)
N.T.S.



SEDIMENT FILTER FOR CATCH BASINS
N.T.S.



SEDIMENT FILTER FOR STOCK PILE
N.T.S.

STORM SEWER
STRUCTURE INFORMATION

STRUCT.	RIM/ GRATE	INV.IN	INV.OUT
AD#1	82.90	77.25(AD#2)	77.15(MH#2)
AD#2	84.90	78.70(JB#1)	78.60(AD#1)
AD#3	84.50	-	81.60(AD#9)
AD#4	84.30	-	81.75(MH#5)
AD#5	83.40	-	81.00(MH#5)
AD#6	83.55	80.75(AD#7)	80.70(MH#5)
AD#7	83.55	81.05(AD#8)	81.00(AD#6)
AD#8	83.55	81.50(INV.=82.50)	81.45(AD#7)
AD#9	84.55	81.00(AD#3)	80.90(INFIL#1)
AD#10	84.80	81.10(AD#11)	81.00(INFIL#1)
AD#11	84.70	82.00(RL#7)	81.90(AD#10)
CB#1	78.40	73.20(CB#2)	73.10(MH#1)
CB#2	80.15	74.75(MH#2)	74.65(CB#1)
CB#3	78.60	-	75.60(MH#1)
CB#4	80.00	76.60(CB#6)	76.50(MH#4)
CB#5	83.45	-	80.25(INFIL#1)
CB#6	81.60	-	78.40(CB#4)
JB#1	83.90	79.85(JB#2)	79.75(AD#2)
JB#2	85.40	81.75(RL#12)	81.65(JB#1)
MH#1	79.30	73.00(CB#1)	72.79(EX.)
		75.00(CB#3)	
		74.40(MH#4)	
MH#2	81.50	75.70(AD#1)	75.60(CB#2)
		77.00(MH#3)	
MH#3	82.05	79.05(RL#9)	78.95(MH#2)
		79.00(TD#1)	
MH#4	81.40	76.00(MH#6)	75.90(MH#1)
		76.00(CB#4)	
MH#5	84.60	81.00(AD#4)	80.35(INFIL#2)
		81.00(RL#2)	
		80.40(AD#5)	
		80.40(AD#6)	
		82.10(RL#3)	
MH#6	84.35	79.80(MMH#1)	79.30(MH#4)
		79.40(MMH#2)	
MMH#1	84.40		80.00(MH#6)
			80.50(INFIL#1)
		4' LONG WEIR EL.=81.80	
MMH#2	84.70		80.00(MH#6)
			80.50(INFIL#2)
		4' LONG WEIR EL.=81.90	
TD#1	81.55	-	79.12(MH#3)

DOWN-STREAM	STORM SEWER PIPE INFORMATION	UP-STREAM
MH#1	5LF 12" PVC @ 0.020 FPF	CB#1
CB#1	85LF 12" PVC @ 0.017 FPF	CB#2
CB#2	48LF 12" PVC @ 0.018 FPF	MH#2
MH#2	85LF 12" PVC @ 0.017 FPF	AD#1
MH#2	63LF 12" PVC @ 0.031 FPF	MH#3
MH#3	10LF 6" PVC @ 0.012 FPF	TD#1
MH#3	63LF 6" PVC @ 0.047 FPF	RL#9
RL#9	37LF 6" PVC @ 0.027 FPF	RL#8
AD#1	78LF 12" PVC @ 0.017 FPF	AD#2
AD#2	61LF 12" PVC @ 0.017 FPF	JB#1
INV.=76.75	33LF 4" PVC @ 0.020 FPF MIN.	4" INV
JB#1	105LF 12" PVC @ 0.017 FPF	JB#2
JB#2	14LF 6" PVC @ 0.018 FPF	RL#12
RL#12	49LF 6" PVC @ 0.020 FPF	RL#13
INV.=80.75	16LF 6" PVC @ 0.141 FPF	RL#11
INV.=80.05	15LF 6" PVC @ 0.117 FPF	RL#10
MH#1	74LF 12" PVC @ 0.020 FPF	MH#4
MH#1	33LF 12" PVC @ 0.018 FPF	CB#3
MH#4	25LF 12" PVC @ 0.020 FPF	CB#4
CB#4	59LF 12" PVC @ 0.031 FPF	CB#6
MH#4	153LF 12" PVC @ 0.022 FPF	MH#6
MH#6	9LF 12" PVC @ 0.022 FPF	MMH#1
MH#6	41LF 12" PVC @ 0.015 FPF	MMH#2
INFIL#1	7LF 18" PVC @ 0.021 FPF	MMH#1
INFIL#2	8LF 18" PVC @ 0.025 FPF	MMH#2
INFIL#2	5LF 12" PVC @ 0.010 FPF	MH#5
MH#5	16LF 6" PVC @ 0.025 FPF	RL#3
MH#5	132LF 6" PVC @ 0.011 FPF	RL#2
MH#5	9LF 8" PVC @ 0.083 FPF	AD#4
MH#5	41LF 8" PVC @ 0.015 FPF	AD#5
MH#5	56LF 12" PVC @ 0.005 FPF	AD#6
AD#6	52LF 12" PVC @ 0.005 FPF	AD#7
AD#7	40LF 8" PVC @ 0.010 FPF	AD#8
AD#8	49LF 6" PVC @ 0.020 FPF	INV.=82.50
INV.=82.00	17LF 6" PVC @ 0.029 FPF	RL#1
INFIL#1	102LF 6" PVC @ 0.015 FPF	RL#5
INFIL#1	9LF 6" PVC @ 0.072 FPF	AD#10
AD#10	39LF 6" PVC @ 0.021 FPF	AD#11
AD#11	50LF 6" PVC @ 0.020 FPF	RL#7
INV.=82.30	7LF 6" PVC @ 0.029 FPF	RL#6
AD#9	31LF 8" PVC @ 0.019 FPF	AD#3
INV.=81.20	34LF 6" PVC @ 0.038 FPF	RL#4
INFIL#1	15LF 8" PVC @ 0.037 FPF	AD#9
INFIL#1	39LF 12" PVC @ 0.010 FPF	CB#5

SANITARY SEWER
STRUCTURE INFORMATION

STRUCT.	RIM/ GRATE	INV.IN	INV.OUT
SMH#1	71.30	67.00(SMH#2)	63.51(V.I.F.-EX.MH)
		63.60(SMH#2 - OUTSIDE DROP)	
SMH#2	77.35	69.40(SMH#5)	69.30(SMH#1)
		69.50(SMH#3)	
SMH#3	79.20	71.75(SMH#4)	71.65(SMH#2)
SMH#4	81.60	75.20(INV.=81.60)	74.30(SMH#3)
		78.35(FOG)	
		75.20(FOG - OUTSIDE DROP)	
SMH#5	83.95	73.40(SMH#6)	73.30(SMH#2)
SMH#6	86.70	75.90(INV.=80.00)	75.80(SMH#5)
F.O.G.	81.85/81.65	78.80(INV.=80.80)	78.55(SMH#4)

DOWN-STREAM	SANITARY SEWER PIPE INFORMATION	UP-STREAM
SMH#1	59LF 8" PVC @ 0.039 FPF	SMH#2
SMH#2	49LF 8" PVC @ 0.044 FPF	SMH#3
SMH#3	127LF 8" PVC @ 0.020 FPF	SMH#4
SMH#4	160LF 6" PVC @ 0.040 FPF	INV.=81.60
SMH#4	6LF 4" PVC @ 0.033 FPF	F.O.G.
F.O.G.	96LF 4" PVC @ 0.021 FPF	INV.=80.80
SMH#2	192LF 8" PVC @ 0.020 FPF	SMH#5
SMH#5	120LF 8" PVC @ 0.020 FPF	SMH#6
SMH#6	204LF 6" PVC @ 0.020 FPF	INV.=80.00
INV.=78.67	8LF 6" PVC @ 0.229 FPF	INV.=80.50

No.	Date	Revision
3	06/07/2023	PERMIT SET
2	08/19/2022	REVISED PER ENGINEERING COMMENTS / SITE PLAN MODS.
1	05/06/2022	ORIGINAL ISSUE DATE

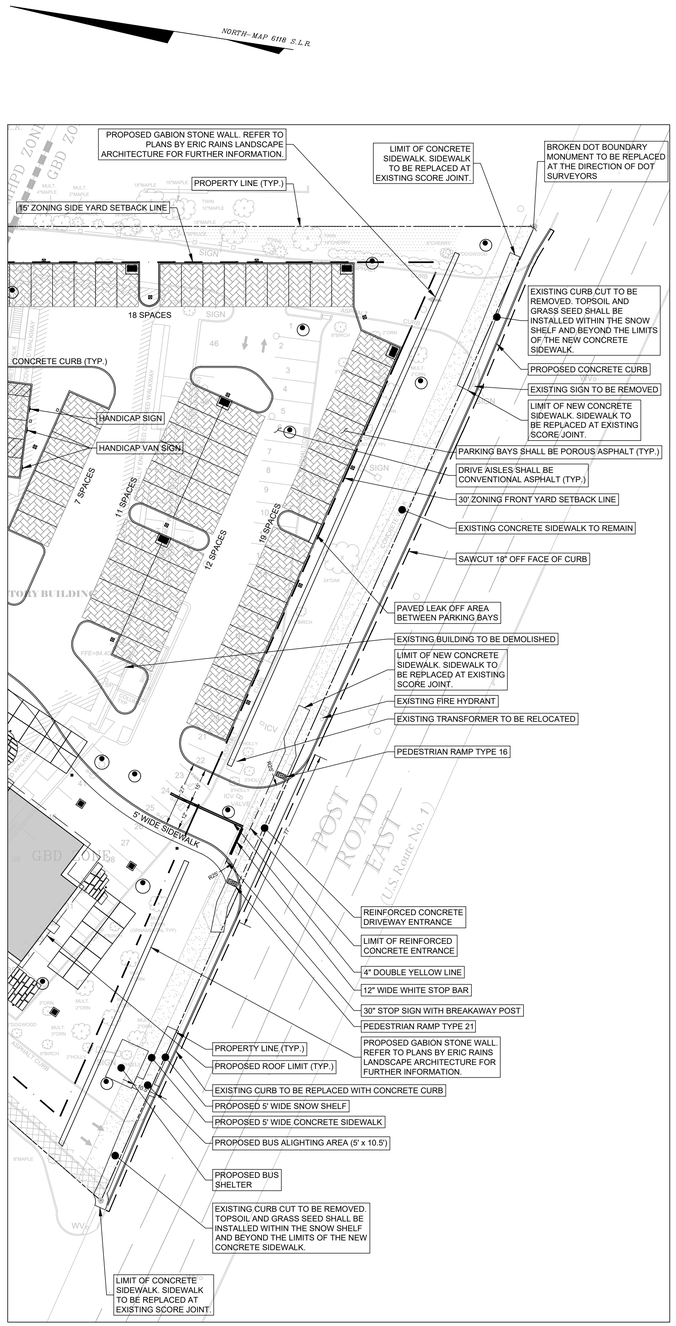
SOILS INFORMATION, DETAILS, AND STORM/SANITARY PIPE & STRUCTURE INFORMATION
DEPICTING
1595 POST ROAD EAST
WESTPORT, CT
PREPARED FOR
DELAMAR WESTPORT LLC

REDNISS & MEAD
LAND SURVEYING
CIVIL ENGINEERING
PLANNING & ZONING CONSULTING
PERMITTING
22 First Street | Stamford, CT 06905
Tel: 203.327.0500 | Fax: 203.357.1118
www.rednissmead.com

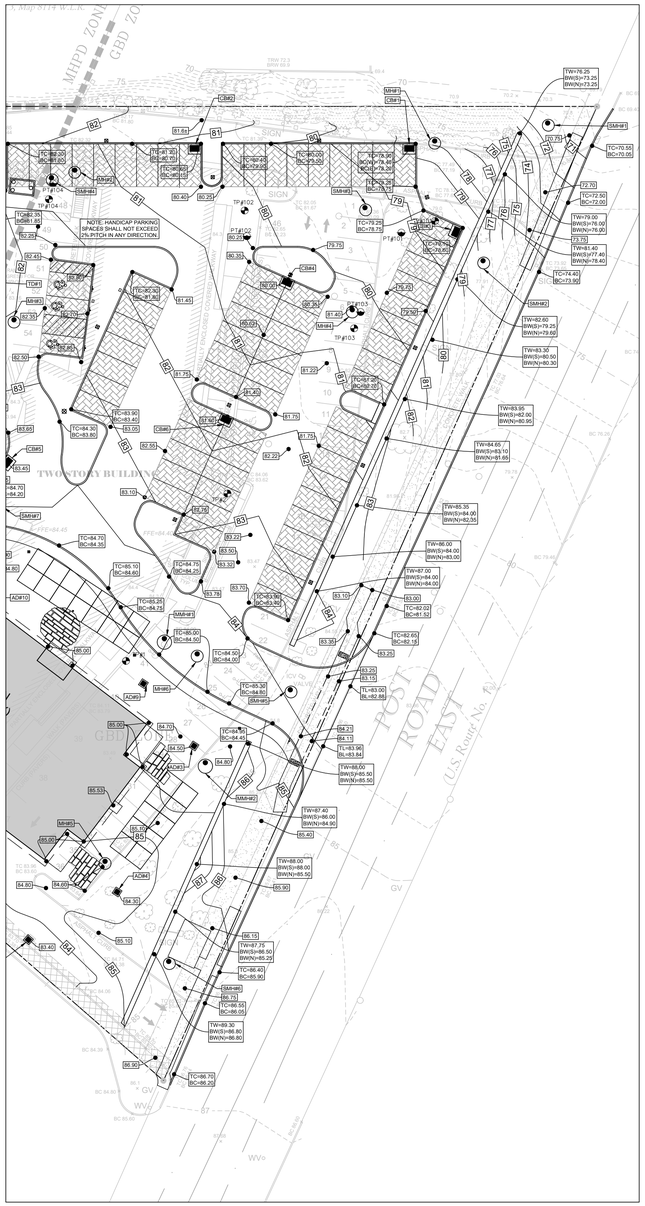
SCALE: N.T.S.
DRAWN BY: VJH — CHECKED BY: DRG

DAVID R. GINTER CT. P.E.
June 7, 2023
DATE

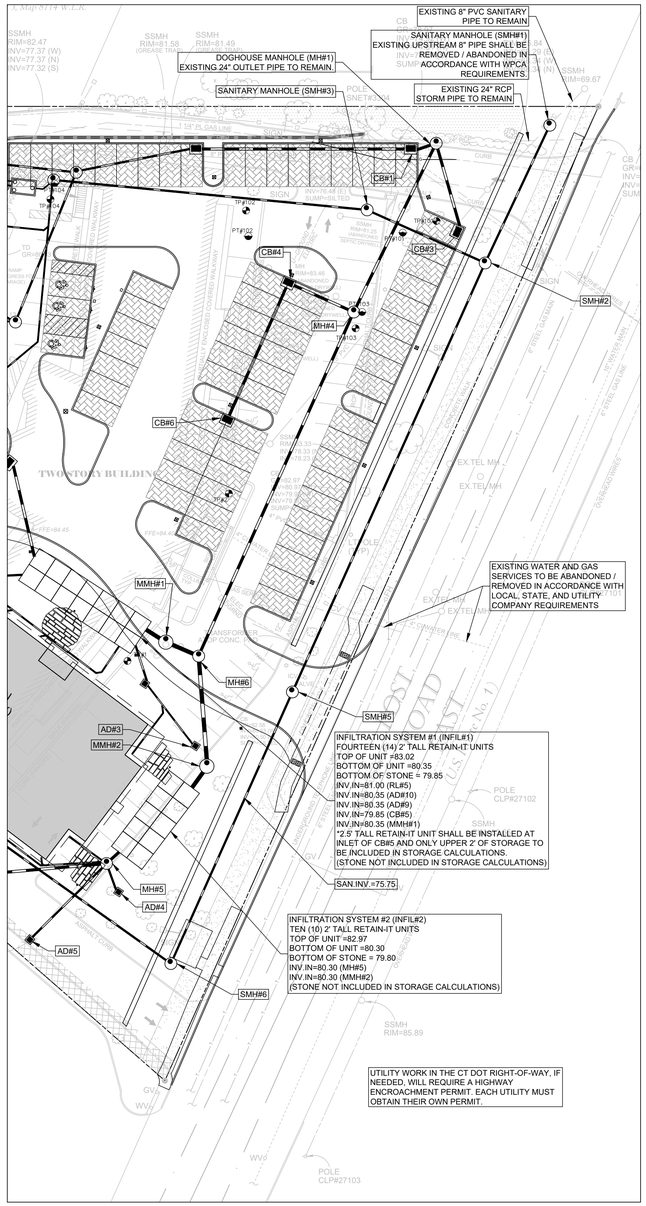
SHEET No: SE-9
Comm. No.: 7117



SITE PLAN EXHIBIT



SITE GRADING EXHIBIT



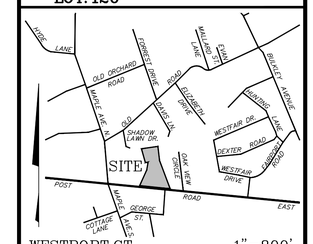
SITE UTILITY EXHIBIT

ALL UTILITIES MUST OBTAIN THEIR OWN HIGHWAY ENCROACHMENT PERMIT.

REFER TO SHEET SE-4 FOR TRUCK TURNING MANEUVERS.

REFER TO SHEET SE-11 FOR CT DOT DETAILS.

TAX MAP: 5453
LOT: 120
ZONES: GBD & A



WESTPORT, CT 1"=800'

ORIENTATION

DOT NOTES:

1. All signage posts shall be installed in accordance with the CT DOT standards sheet No. 39.
2. "Stop" sign shall conform to the CT DOT signage No. 31-0532
3. All signage & pavement markings shall be installed in substantial conformance to the "Manual or Uniform Traffic Control Devices."
4. 12" white stop bar shall be installed in the location indicated. The stop bar shall be installed in accordance with the sections in DOT Form 818 listed below.
5. A 4" double yellow centerline shall be installed in the location indicated. The centerline shall be installed in accordance with the sections in DOT Form 818 listed below.
6. New pavement markings shall be painted with epoxy resin paint in compliance with the State of Connecticut Department of Transportation Standard Specifications for Roads, Bridges and Incidental Construction Form 818 Section 12.10 as revised.
7. Removal of pavement markings along state road ways shall be completed by nondestructive method in compliance with the State of Connecticut Department of Transportation Standard Specifications for Roads, Bridges, and Incidental Construction Form 818 Section 12.11 as revised.
8. New sign material and sheeting shall be made of reflective material in compliance with State of Connecticut Department of Transportation Standard Specifications for Roads, Bridges, and Incidental Construction Form 818 Section 12.08 as revised. Type I Reflective Sheeting shall be used for signs with white background, TYPE III Reflective Sheeting shall be used for signs with colored background except for signs with red background that shall be Type 8 or 9 Reflective Sheeting.
9. All signs and pavement markings installed along the state road must conform to the "Manual on Uniform Traffic Control Devices", the latest State of Connecticut Catalog of Signs and Standards as revised.
10. Any damage to the existing curb, sidewalk, or any other highway appurtenances during the development of the permitted site will be replaced by the contractor as directed by the District 3 Permit Section at no cost to the state.
11. All work within the state right of way will comply with the State of Connecticut Department of Transportation Standard Specifications for Roads, Bridges and Incidental Construction Form 818 with the latest Special Provisions and Typical State Standard Details.
12. A permit issued by District 3 Connecticut Department of Transportation is required before any work commences within the state right of way.
13. The permittee shall contact Ms. Jennifer Caro, Department's District Survey Unit, at 203-389-3104 or Jennifer.Caro@ct.gov prior to any construction within the State right-of-way.
14. The permittee will be responsible for all engineering costs should the monument(s) be disturbed or damaged.
15. If any CT DOT boundary/survey markers get disturbed or damaged during construction, the Department will furnish new monuments, which the permittee will be required to install at the direction of the District 3 Survey Unit and according to CT DOT specification.
16. The CHD survey monuments shall be verified and accepted by the District 3 Survey Unit prior to releasing the encroachment permit bond.

No.	Date	Revision
4	06/07/2023	PERMIT SET
3	09/07/2022	REVISED PER DOT COMMENTS
2	08/19/2022	REVISED PER ENGINEERING COMMENTS / SITE PLAN MODS.
1	06/16/2022	CT DOT SUBMISSION

CT DOT PLAN
DEPICTING
1595 POST ROAD EAST
WESTPORT, CT
PREPARED FOR
DELAMAR WESTPORT LLC

REDNISS & MEAD
LAND SURVEYING
CIVIL ENGINEERING
PLANNING & ZONING CONSULTING
PERMITTING
22 First Street | Stamford, CT 06905
Tel: 203.327.0500 | Fax 203.357.1118
www.rednissmead.com

SCALE: 0 30 60
1"=30'

DRAWN BY: VJH

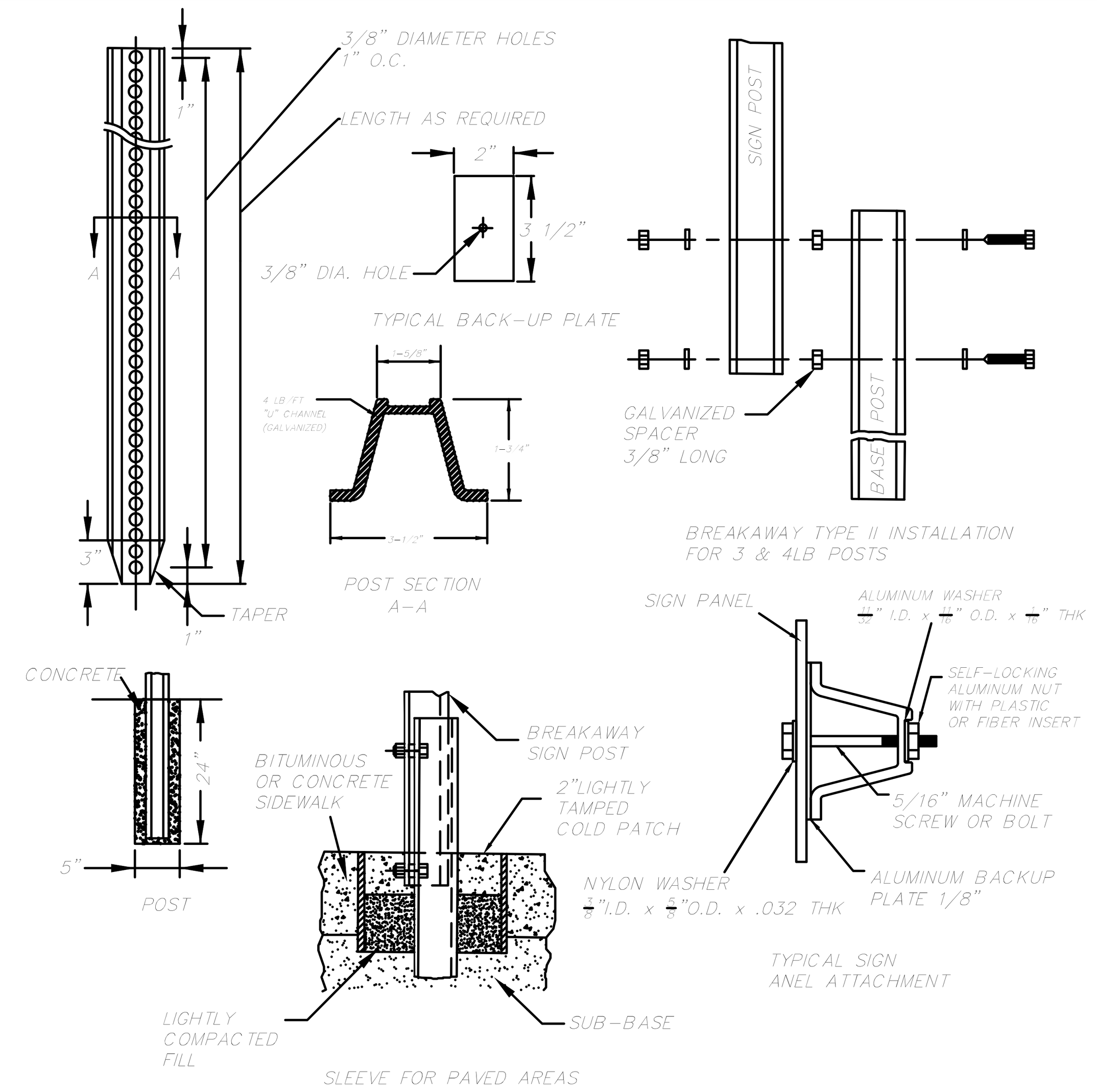
DAVID R. GINTER, P.E. No. 27177

DATE

SHEET No:

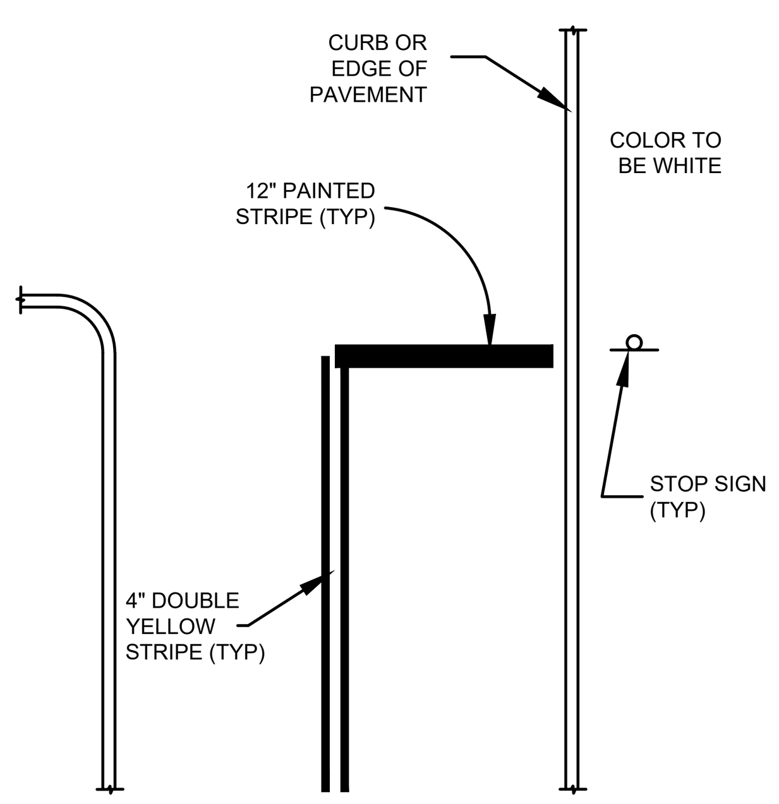
SE-10

Comm. No.: 7117



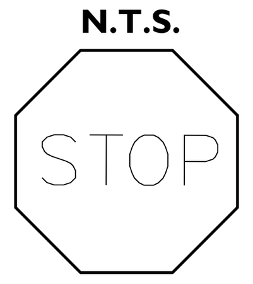
NOTES:
1. STEEL FOR POSTS SHALL CONFORM TO THE MECHANICAL REQUIREMENTS OF ASTM A 499-81 GRADE 50 AND TO THE CHEMICAL REQUIREMENTS OF ASTM A1-76 CARBON STEEL TEE RAIL HAVING NOMINAL WEIGHT OF 91 LBS. OR GREATER PER LINEAR YARD. STEEL FOR DELINEATOR POSTS SHALL BE ASTM A36 STEEL.
2. AFTER FABRICATION, ALL STEEL POSTS SHALL BE GALVANIZED TO MEET THE REQUIREMENTS OF ASTM A 123.
3. ALL SIGN POSTS SHALL HAVE "BREAKAWAY" FEATURES THAT MEET AASHTO REQUIREMENTS CONTAINED IN "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS - 1985." THE "BREAKAWAY" FEATURES SHALL BE STRUCTURALLY ADEQUATE TO CARRY THE SIGNS SHOWN IN THE PLANS AT 60 MPH WIND LOADINGS. INSTALLATIONS SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
4. TYPE A POSTS - 3 LB/FT   TYPE B POSTS - 4 LB/FT
5. PLEASE REFER TO THE STATE OF CONNECTICUT DOT "TYPICAL METAL SIGN POSTS AND SIGN MOUNTING DETAILS" SHEET NO. 39 (1999) FOR MORE INFORMATION.

CTDOT METAL SIGN POST
(SHALL BE USED ON-SITE AND OFF-SITE)
N.T.S.



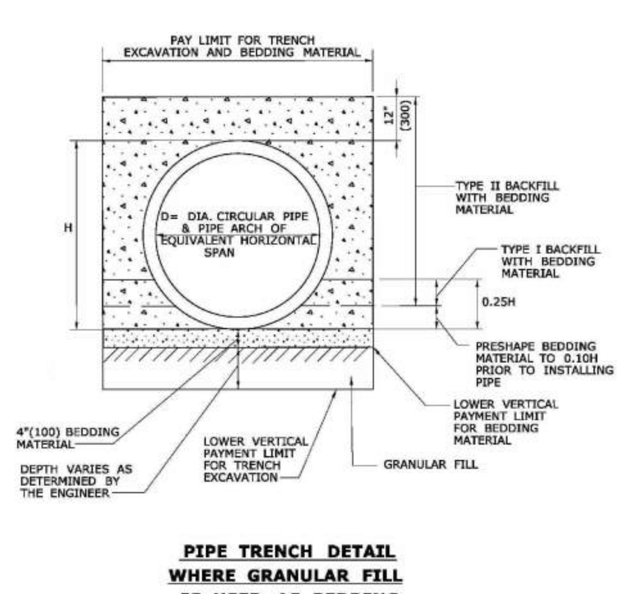
NOTE:
ALL PAINT SHALL CONFORM TO CT DOT FORM 818, ARTICLE M.07.17.

STOP BAR STRIPING
N.T.S.

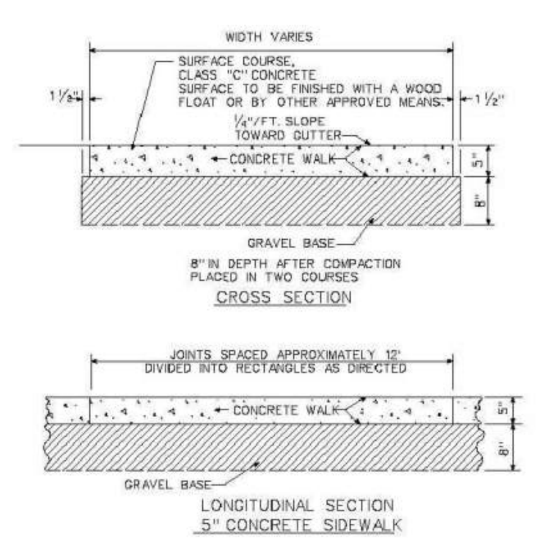


CONN. D.O.T. SERIES R1-1
NOTE: SIGNAGE TO BE COORDINATED WITH THE TOWN OF WESTPORT DEPARTMENT OF PUBLIC WORKS

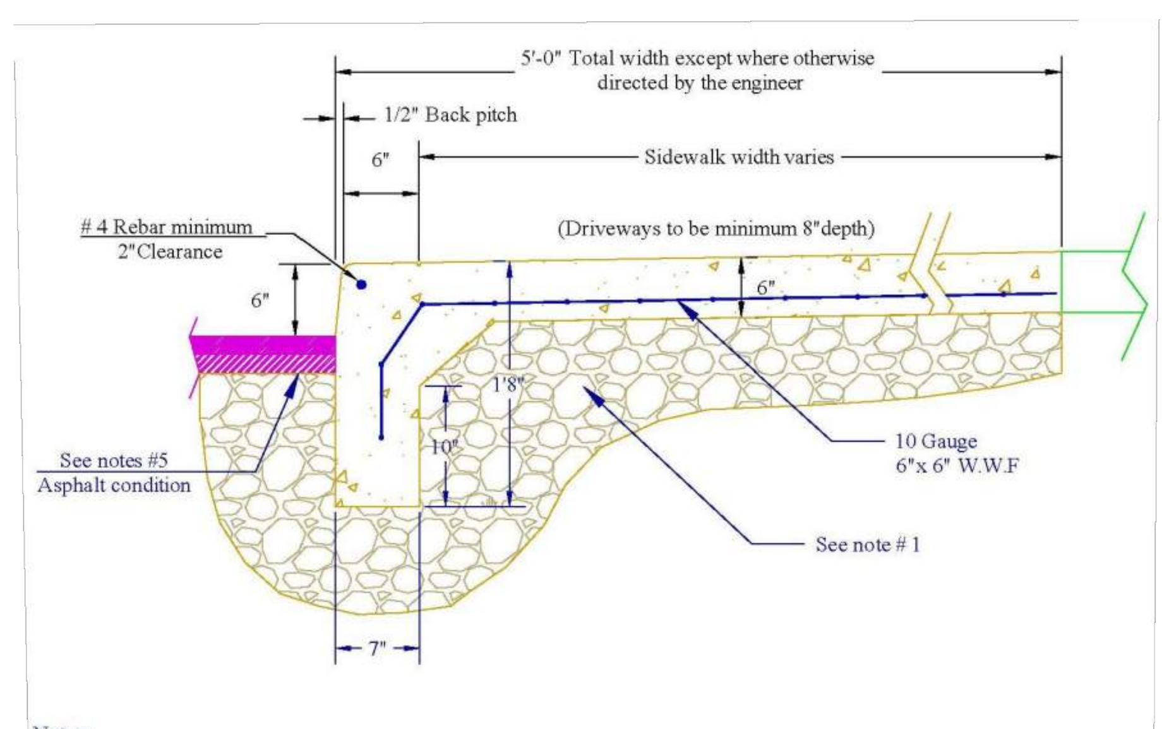
30" STOP SIGN DETAIL
N.T.S.



CT DOT TRENCH BEDDING DETAIL
N.T.S.

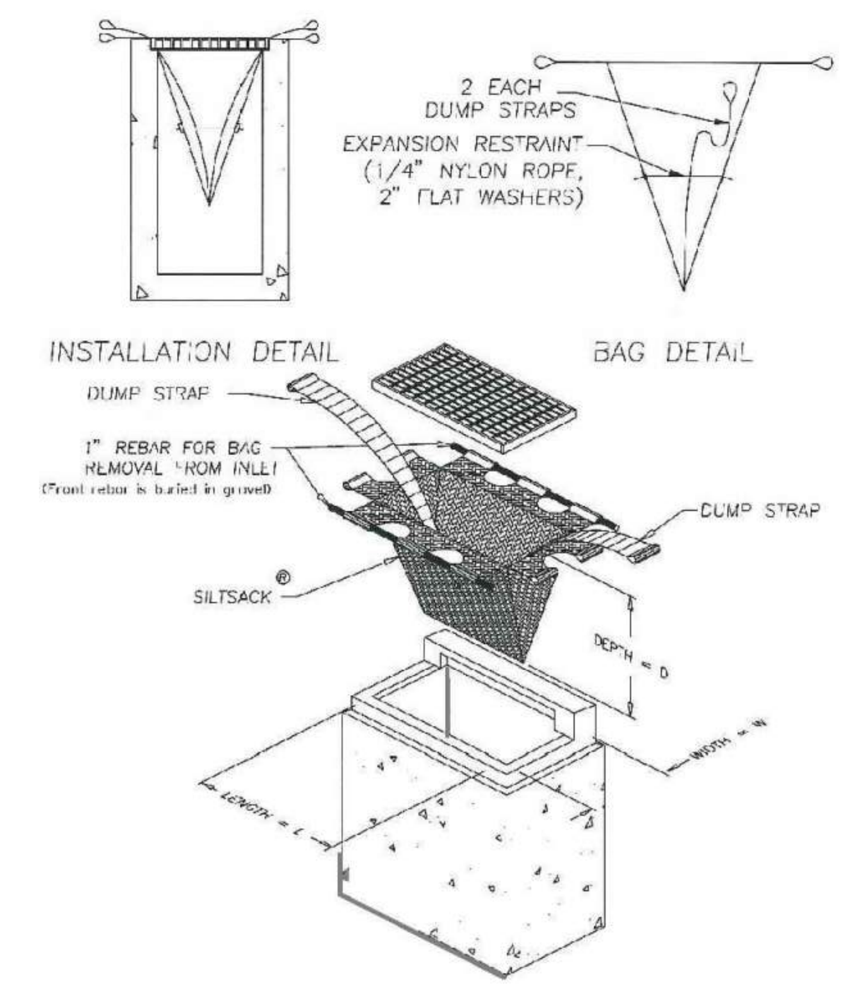


CT DOT CONCRETE SIDEWALK DETAIL
N.T.S.

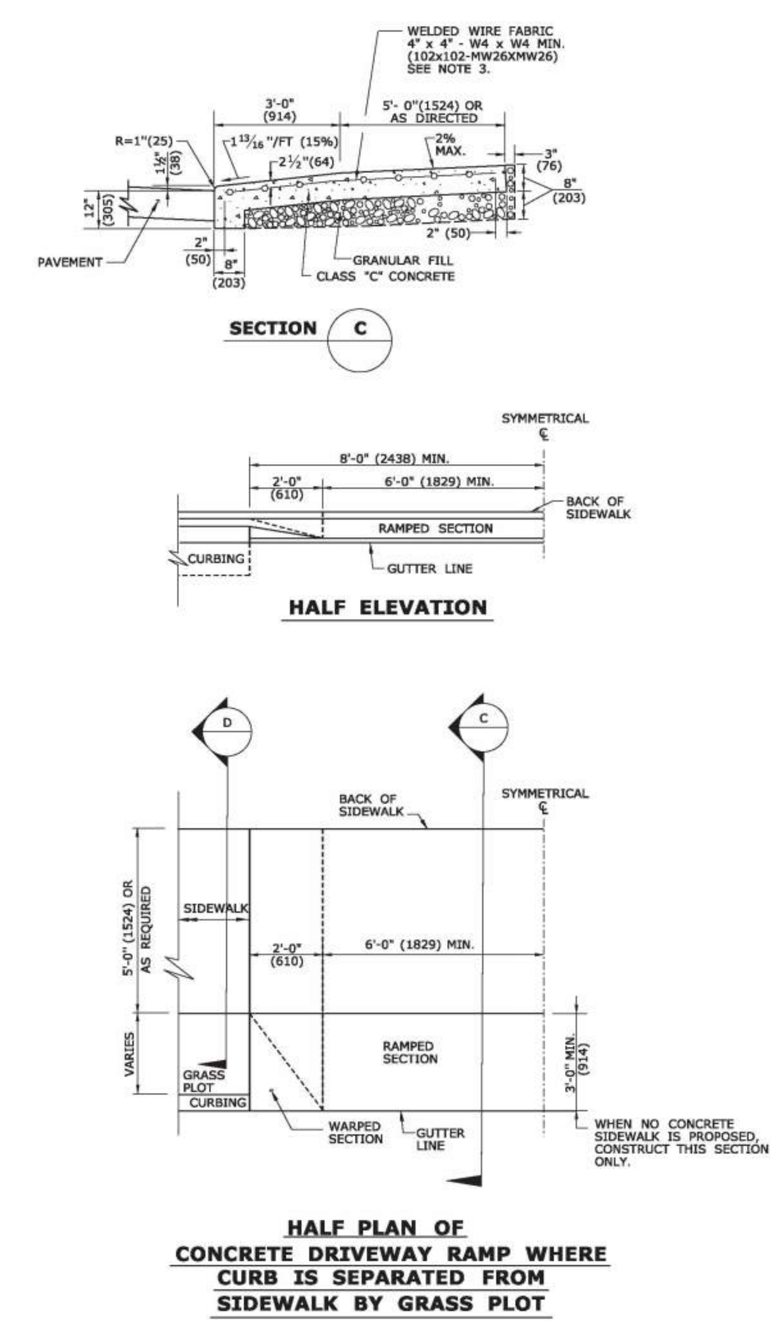


Notes:
1. Existing gravel base for curbing, sidewalk and pavement repairs shall be supplemented with compacted processed aggregate as required.
2. Sidewalk and curbing shall be reinforced with 10 gauge 6"x 6"W.W.F 2" off the subbase. A # 4 rebar shall be provided in the top- outer corner of the curb. Concrete shall be Class "C" having a minimum 28 day compressive strength of 4000 p.s.i. and 5% entrained air. Expansion and contraction joints shall be provided in accordance with the specifications or as otherwise directed by the Engineer.
3. The total width of concrete curbing and sidewalk shall not be less than 5'-0" at a ¼" per foot cross pitc,except where otherwise directed by the Engineer.
4. Curbing extending across driveways shall provide a 2" reveal. The sidewalk panels shall be ramped at driveway crossings in accordance A.D.A. specifications for handicap access.
5. Where adjoining bituminous concrete driveway or roadway pavement is damaged or removed, the limits of disturbance shall be delineated with a clean vertical cut 18" from gitter line of road and the pavement restored with Class ll bituminous concrete. Restoration shall be to the full prior pavement depth, but shall not be less than 3" (1 ½"+ 1 ½") for roadways and 2" for driveways
6. In order to accommodate the installation of existing or proposed signage, a 4" diameter PVC post sleeve shall be placed within the sidewalk. The top of the sleeve shall be set flush with the surf ace of the sidewalk and shall extend vertically through the full depth of the concrete. Sleeves shall be installed 18" back from the face of the curbing or at the location(s) specified by the Engineer.
7. Unless specified herein or otherwise directed by the Engineer, all materials and work shall conformto the State of Connecticut, Bureau of Highways, "Standards Specifications for Roads, Bridges and Incidental Construction, Form 816, latest revision," and associated standard design details sheets.

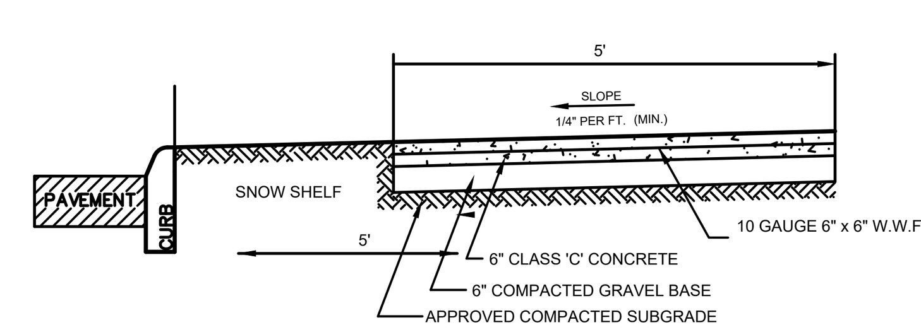
TOWN OF WESTPORT CONCRETE CURB DETAIL
N.T.S.



INLET SEDIMENT CONTROL DEVICE
(SILT SACK)
N.T.S.

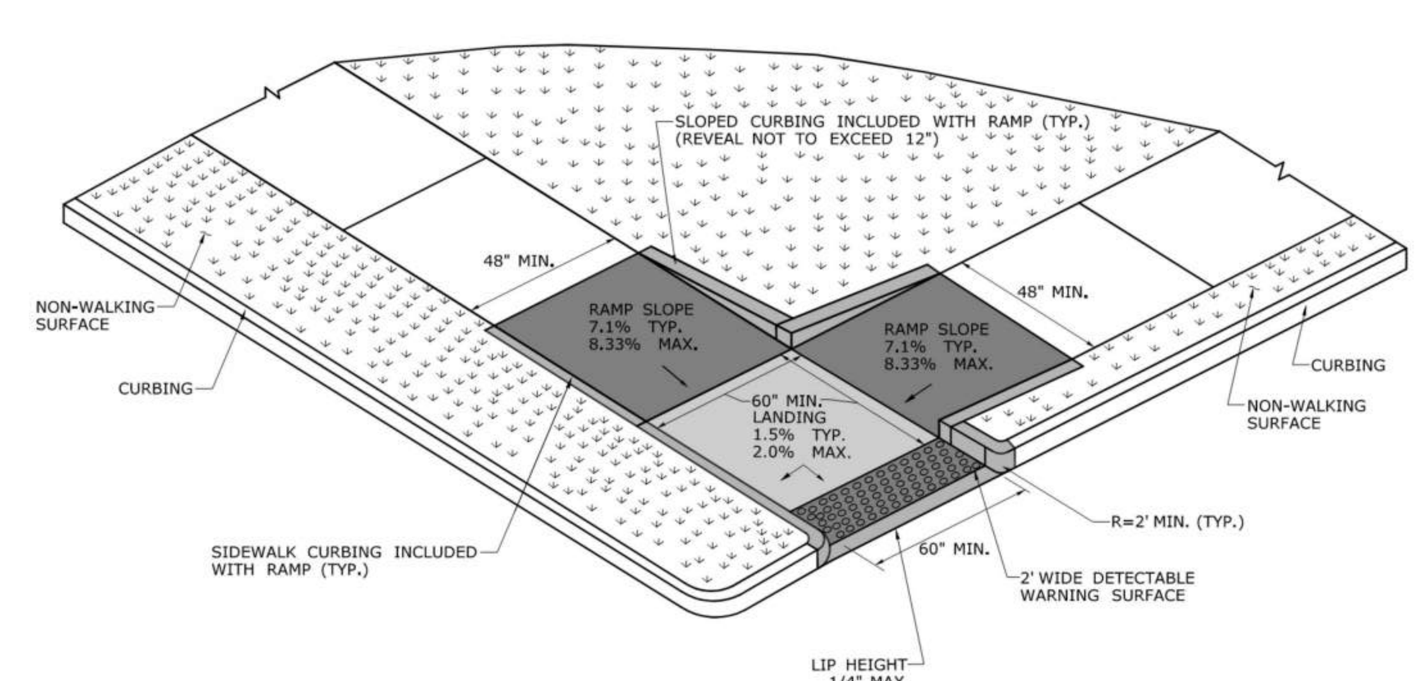


CT DOT CONCRETE DRIVEWAY ENTRANCE
N.T.S.

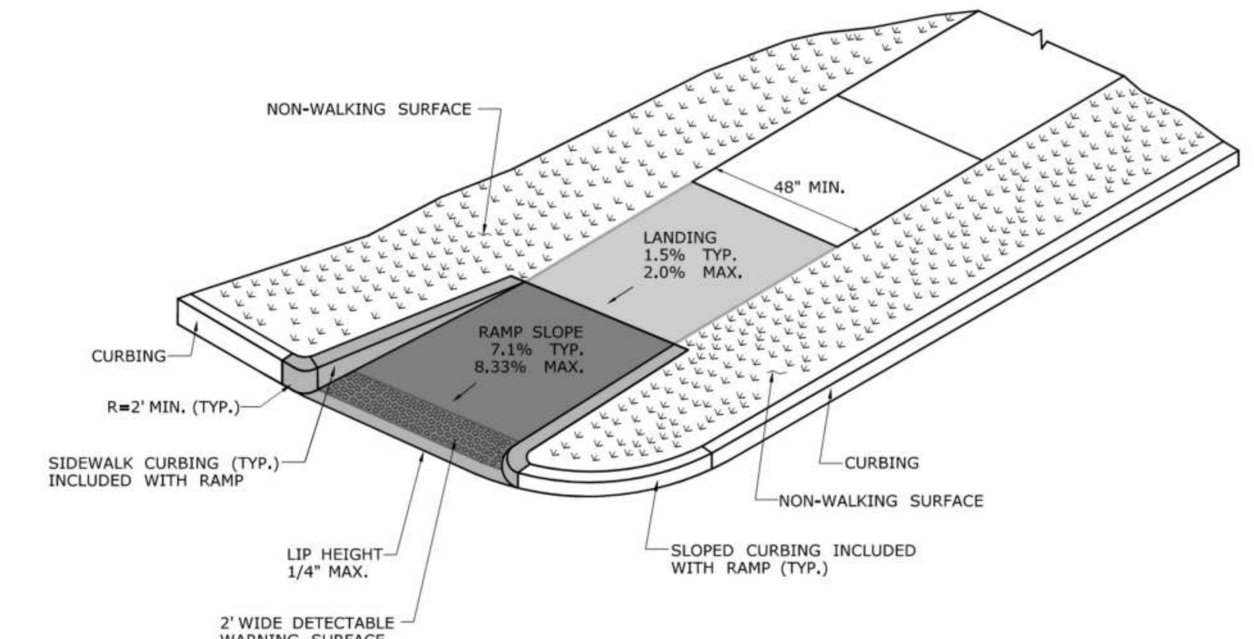


NOTES:
1. CONCRETE TO BE CLASS 'C' HAVING A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI AND 5% ENTRAINED AIR. EXPANSION AND CONTRACTION JOINTS SHALL BE PROVIDED IN ACCORDANCE WITH THE SPECIFICATIONS OR AS OTHERWISE DIRECTED BY THE ENGINEER.
2. SIDEWALK SHALL BE REINFORCED WITH 10 GAUGE 6" x 6" W.W.F. 2" OFF THE SUBBASE.
3. GRAVEL BASE SHALL CONFORM TO GRADATION A AS DEFINED IN CTDOT FORM 816 SECTION M.02.01 INSTALLED AS PER SECTION 3.02.
4. INSTALL AS PER THE AMERICAN CONCRETE INSTITUTE CODE.
5. THE AREA SHALL BE COMPACTED TO AT LEAST 95% OF THE DRY DENSITY ACHIEVED BY ASTM D1557.
6. LATERAL SCORE PATTERN SHALL BE PLACED EVERY 5'
7. CONTRACTION & EXPANSION JOINTS PLACED IN A SQUARE PATTERN AS PER ASSOCIATED DETAIL.
8. DRAW A SOFT BRISTLED BROOM ACROSS FLOAT-FINISHED CONCRETE SURFACE PERPENDICULAR TO LINE OF TRAFFIC TO PROVIDE A UNIFORM, FINE LINE TEXTURE.

CONCRETE SIDEWALK
N.T.S.



RESTRICTED PEDESTRIAN CROSSING WITH LANDING AT BOTTOM AND NON-WALKING SURFACE (TYPE 21)



SINGLE DIRECTION - RETURN CURB WITH NON-WALKING SURFACE (TYPE 16)

CT DOT PEDESTRIAN RAMP
N.T.S.

NOTE: REFER TO SHEET "ENCROACHMENT PERMIT - PAVEMENT REPAIR" FOR PERTINENT CT DOT PAVEMENT REPAIR DETAILS FOR THE PROJECT.

No.	Date	Revision
3	06/07/2023	PERMIT SET
2	09/07/2022	REVISED PER DOT COMMENTS
1	06/16/2022	CT DOT SUBMISSION

CT DOT DETAILS
DEPICTING
1595 POST ROAD EAST
WESTPORT, CT
PREPARED FOR
DELAMAR WESTPORT LLC

REDNISS & MEAD
LAND SURVEYING
CIVIL ENGINEERING
PLANNING & ZONING CONSULTING
PERMITTING
22 First Street | Stamford, CT 06905
Tel: 203.327.0500 | Fax: 203.357.1118
www.rednissmead.com

SCALE: N.T.S.
DRAWN BY: VJH   CHECKED BY: DRG

DAVID R. GINTER CT. P.E.
June 7, 2023
DATE

SHEET No: SE-11
Comm. No.: 7117

6/7/2023 2:52 PMH:\Jobfiles2\7000\7100\7117_2021 Improvements - West Wing Addition\DWG\7117 Details 1dwg.dwg