

PVC DIRECT SITE PLAN

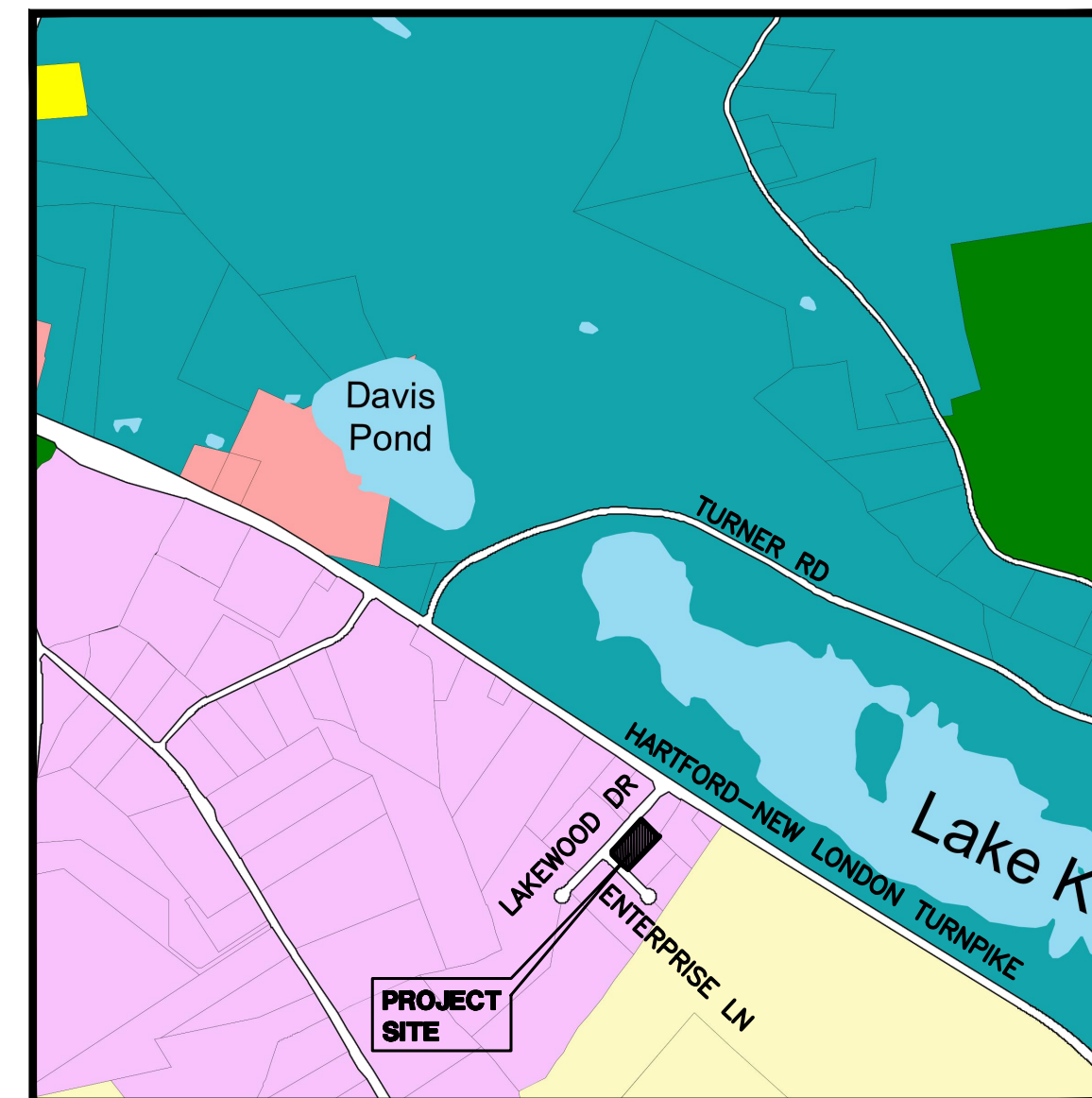
2 ENTERPRISE LANE

OAKDALE, CONNECTICUT

MAP/LOT: 002-005-00B

LEGEND:

---	PROPERTY LINE
---	EDGE OF PAVEMENT
—D—	DRAINAGE
—W—	WATER
—S—	SEWER
—G—	GAS
—E—E—E—	ELECTRIC
---21---	CONTOUR
~~~~~	TREE LINE
-----	GUIDERAIL
•	SIGNS
☐	CATCH BASIN
○	IRON PIN, IRON PIPE
MS, CHD, MON ☐	MERESTONE, CONNECTICUT HIGHWAY DEPARTMENT MONUMENT, MONUMENT
⊙	FIRE HYDRANT
⊕	ELECTRIC MANHOLE
⊗	SEWER MANHOLE
⊙ ⊗	GAS GATE, WATER GATE
⊙ ⊗	EXISTING LIGHT
⊙ ⊗	PROPOSED CONTOUR
⊙ ⊗	UTILITY POLE
⊙ ⊗	FREESTANDING LIGHT
⊙ ⊗	WALL PACK LIGHT



**LOCATION MAP**  
SCALE: 1"=1000'

### INDEX TO DRAWINGS

DRAWING NO.	DESCRIPTION OF DRAWINGS
1	EXISTING CONDITIONS PLAN
2	SITE & LANDSCAPE PLAN
3	GRADING & SEPTIC PLAN
4	SITE DETAILS
5	EROSION AND SEDIMENT CONTROL DETAILS
6	SITE DETAILS CONTINUED

**MARCH 7, 2023**  
**FEBRUARY 15, 2023**  
**FEBRUARY 1, 2023**  
**JANUARY 18, 2023**  
**DECEMBER 20, 2022**

**GREEN SITE  
DESIGN  
— LLC —**

317 Main Street Norwich, Connecticut  
(860) 892-1380 Fax (860) 886-9165

**PROPOSED USE: MANUFACTURING**  
**OWNER: HOMES R US LLC, 93 NORTH BURNHAM HWY, LISBON, CT, 06351**

APPROVED BY THE MONTVILLE PLANNING & ZONING COMMISSION

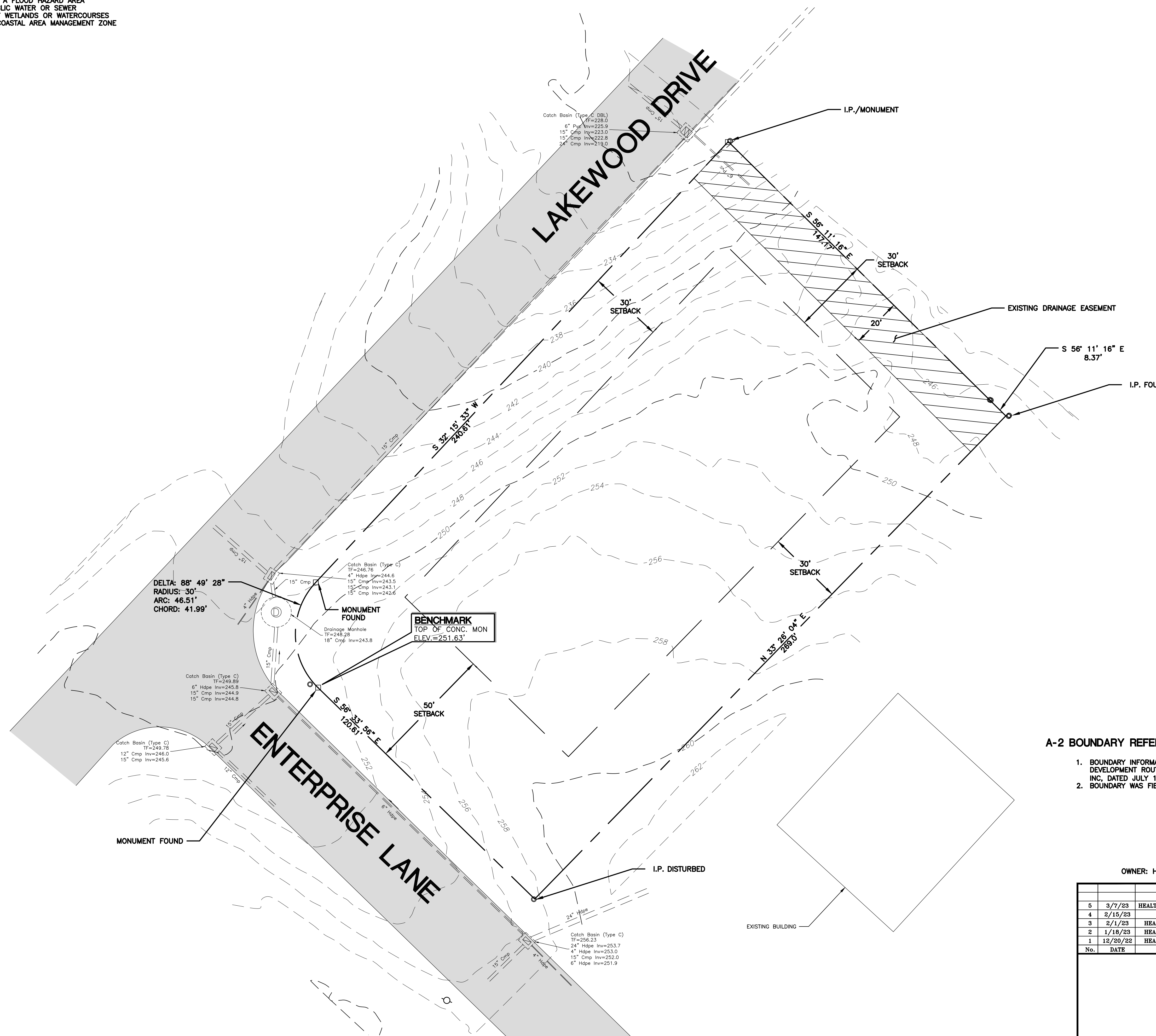
CHAIRMAN / SECRETARY _____ DATE _____

EROSION & SEDIMENTATION CONTROL PLAN APPROVED BY  
THE MONTVILLE PLANNING & ZONING COMMISSION

CHAIRMAN / SECRETARY _____ DATE _____

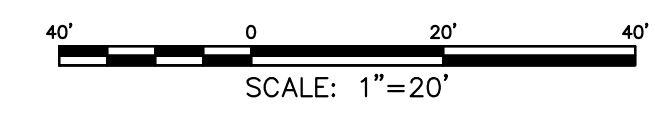
**GENERAL SURVEY NOTES**

1. THIS PROPERTY IS LOCATED WITHIN PUBLIC WATER SUPPLY WATERSHED FOR LAKE KONOICC
2. THIS PROPERTY IS NOT LOCATED WITHIN A FLOOD HAZARD AREA
3. THIS PROPERTY IS NOT SERVED BY PUBLIC WATER OR SEWER
4. THIS PROPERTY DOES NOT CONTAIN ANY WETLANDS OR WATERCOURSES
5. THIS PROPERTY IS NOT LOCATED IN A COASTAL AREA MANAGEMENT ZONE



**A-2 BOUNDARY REFERENCES**

1. BOUNDARY INFORMATION FROM: FINAL SUBDIVISION PLAN PREPARED FOR VILLAGE DEVELOPMENT ROUTE 85, MONTVILLE, CT, PREPARED BY JOHN KOPKO JR & ASSOCIATES, INC, DATED JULY 1988, BOOK 10, PAGE 43, FILE #1076
2. BOUNDARY WAS FIELD VERIFIED BY GREEN SITE DESIGN



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No.	DATE	REVISION
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3	2/1/23	HEALTH DEPARTMENT COMMENTS
2	1/18/23	HEALTH DEPARTMENT COMMENTS
1	12/20/22	HEALTH DEPARTMENT COMMENTS

<b>GREEN SITE DESIGN — LLC —</b>		Project No. GSD 66
317 Main Street Norwich, Connecticut (860) 892-1380 Fax (860) 886-9165		Proj. Engineer E.M.B
<b>2 ENTERPRISE LANE, OAKDALE, CT</b>		Date: 9/14/22
<b>PVC DIRECT SITE PLAN</b>		Sheet No. <b>1</b>
<b>EXISTING CONDITIONS PLAN</b>		

**ZONING COMPLIANCE CHART**  
ZONING DISTRICT: LI

ITEM	REQUIRED	PROPOSED
LOT AREA	40,000 SF	40,975 SF
LOT FRONTAGE	100 FT	144 FT
FRONT YARD SETBACK	50 FT	73 FT
SIDE YARD SETBACK	30 FT	30 FT
REAR YARD SETBACK	30 FT	95 FT
BUILDING HEIGHT	N/A	N/A

**PARKING CALCULATIONS**

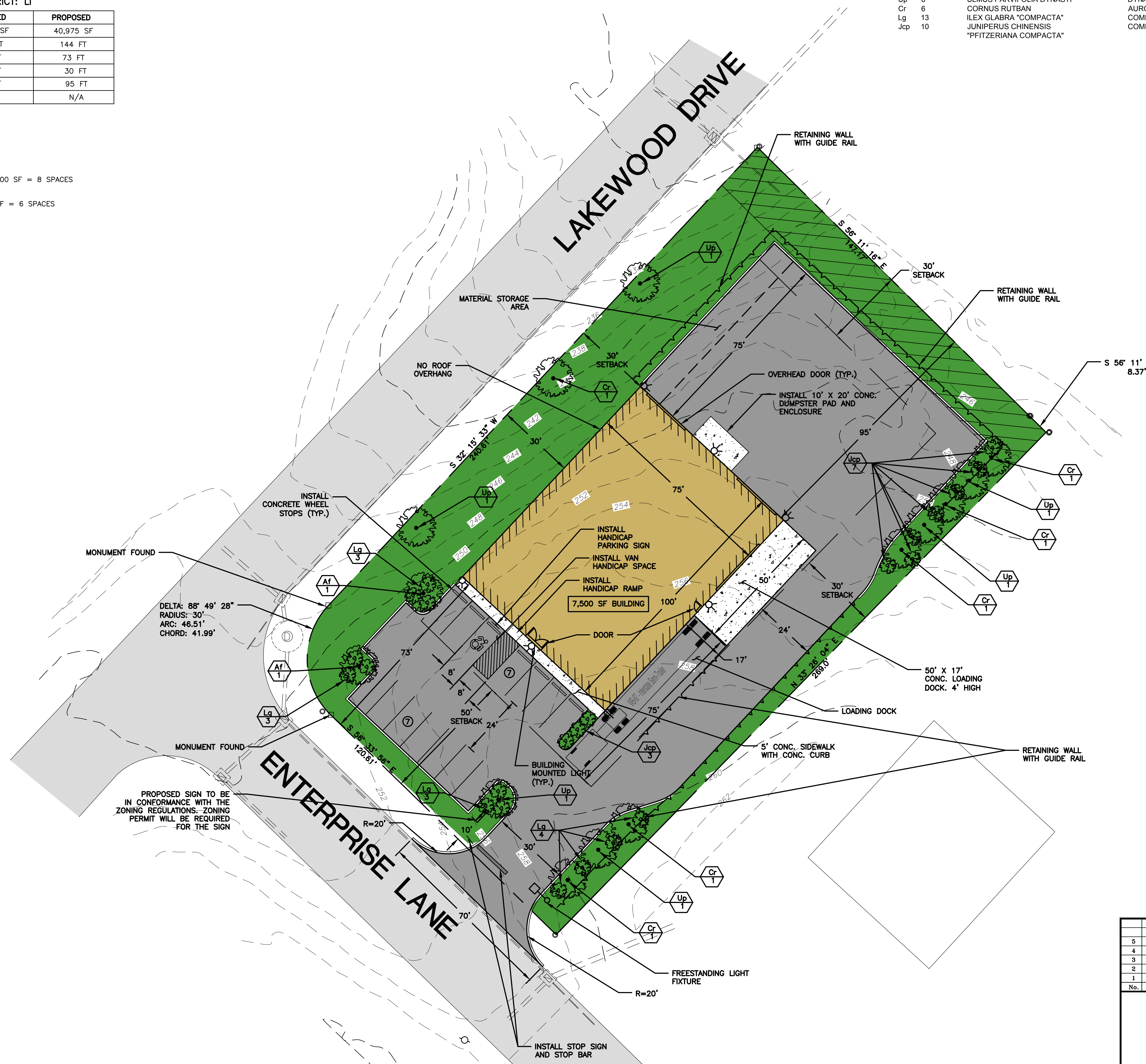
**1ST FLOOR**  
7,500 SF MANUFACTURING @ 1 SPACE/1,000 SF = 8 SPACES

**2ND FLOOR**  
1,500 SF OFFICE SPACE @ 1SPACE/250 SF = 6 SPACES

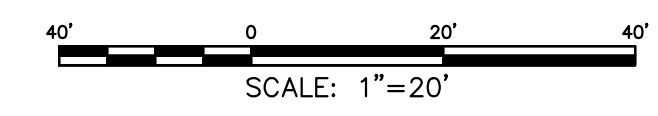
14 SPACES REQUIRED  
14 SPACES PROVIDED

**LANDSCAPE SCHEDULE**

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE
Trees:				
Af	2	ACER X FREEMANII	AUTUMN BLAZE MAPLE	2.5-3" CAL.
Up	6	ULMUS PARVIFOLIA DYNASTI	DYNASTI LACEBARK ELM	2.5-3" CAL.
Cr	6	CORNUS RUTBAN	AURORA DOGWOOD	1.75-2" CAL.
Lg	13	ILEX GLABRA "COMPACTA"	COMPACT INKBERRY	3 GAL.
Jcp	10	JUNIPERUS CHINENSIS "PFITZERIANA COMPACTA"	COMPACT PFITZER JUNIPER	18-24" SPD.



NOTE: ALL PLANTINGS AND LANDSCAPING SHALL BE MAINTAINED BY THE OWNER IN ACCORDANCE WITH THE MONTVILLE ZONING REGULATIONS



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<b>SITE &amp; LANDSCAPE PLAN</b>		

**TEST HOLE DATA**  
 TEST HOLES CONDUCTED ON 11/16/2022  
 BY BOB RUSSO, JACK MCCARTNEY, AND MICHAEL KIRBY  
 CONTRACTOR: JOHN DEMPSEY

**TEST HOLE #1**  
 0-14" SUBSOIL - YELLOW BROWN SANDY LOAM  
 14-31" LIGHT BROWN LOAMY SAND, GRAVEL & COBBLES  
 31-92" MODERATELY DENSE LIGHT BROWN LOAMY SAND, GRAVEL & COBBLES

DEPTH TO MOTTLING: 28"  
 NO WATER  
 NO LEDGE  
 NO ROOTS  
 DEPTH TO RESTRICTIVE LAYER: 28"

**TEST HOLE #2**  
 0-8" SUBSOIL - YELLOW BROWN SANDY LOAM  
 8-20" LIGHT BROWN LOAMY SAND, GRAVEL & COBBLES  
 20-89" DENSE LIGHT BROWN SANDY LOAM

DEPTH TO MOTTLING: 14"  
 NO WATER  
 NO LEDGE  
 NO ROOTS  
 DEPTH TO RESTRICTIVE LAYER: 14"

**TEST HOLE #3**  
 0-4" TOPSOIL - BROWN SANDY LOAM  
 4-20" SUBSOIL - YELLOW BROWN SANDY LOAM  
 20-27" LIGHT BROWN & YELLOW BROWN FINE SANDY LOAM  
 27-87" LIGHT BROWN LOAMY SAND, GRAVEL & COBBLES

DEPTH TO MOTTLING: 17"  
 NO WATER  
 NO LEDGE  
 NO ROOTS  
 DEPTH TO RESTRICTIVE LAYER: 17"

**TEST HOLE #4**  
 0-3" TOPSOIL - DARK BROWN SANDY LOAM  
 3-7" SUBSOIL - BROWN SANDY LOAM  
 7-63" DENSE LIGHT BROWN SANDY LOAM

DEPTH TO MOTTLING: 10"  
 NO WATER  
 NO LEDGE  
 NO ROOTS  
 DEPTH TO RESTRICTIVE LAYER: 10"

**TEST HOLE #5**  
 0-9" TOPSOIL - BROWN FINE SANDY LOAM  
 9-24" SUBSOIL - YELLOW BROWN FINE SANDY LOAM, GRAVEL & COBBLES  
 24-39" LIGHT BROWN SANDY LOAM, GRAVEL & COBBLES  
 39-86" MODERATELY DENSE LIGHT BROWN SANDY LOAM

DEPTH TO MOTTLING: 39"  
 NO WATER  
 NO LEDGE  
 DEPTH TO ROOTS: 38"  
 DEPTH TO RESTRICTIVE LAYER: 39"

**TEST HOLE #6**  
 0-6" TOPSOIL - DARK BROWN SANDY LOAM  
 6-16" SUBSOIL - YELLOW BROWN SANDY LOAM  
 16-100" LIGHT BROWN LOAMY SAND, GRAVEL & COBBLES

NO MOTTLING  
 NO WATER  
 NO LEDGE  
 DEPTH TO ROOTS: 29"  
 DEPTH TO RESTRICTIVE LAYER: 100"

**TEST HOLE #7**  
 0-8" TOPSOIL - DARK BROWN SANDY LOAM  
 8-37" SUBSOIL - YELLOW BROWN SANDY LOAM  
 37-97" LIGHT BROWN LOAMY SAND, GRAVEL & COBBLES

NO MOTTLING  
 NO WATER  
 NO LEDGE  
 DEPTH TO ROOTS: 41"  
 DEPTH TO RESTRICTIVE LAYER: 97"

**GENERAL NOTES**

1. TOPOGRAPHIC INFORMATION ON THIS PLAN PROVIDED BY CLA ENGINEERS INC.
2. PROPOSED BUILDING AND SEPTIC SYSTEM TO BE STAKED IN THE FIELD BY A LAND SURVEYOR LICENSED IN THE STATE OF CONNECTICUT.
3. ALL WORK AND MATERIAL (SEPTIC TANK, DISTRIBUTION BOX, PIPE, SELECT FILL) SHALL CONFORM TO THE CONNECTICUT PUBLIC HEALTH CODE REGULATIONS AND STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL.
4. SEWER LINE FROM FOUNDATION WALL TO SEPTIC SHALL BE 4" SCHEDULE 40 PVC - ASTM D 1785 AND JOINTS PER HEALTH DEPT. CODE.
5. TRENCHES SHALL BE SET LEVEL FOR ENTIRE LENGTH AND HAVE A CENTER TO CENTER SPACING OF 8 FEET.
6. PIPE FROM SEPTIC TANK TO DISTRIBUTION LINES SHALL BE 4" SOLID PVC CONFORMING TO ASTM D-3034 AND SDR-35.
7. ALL EXISTING UTILITIES TO BE ACCURATELY LOCATED PRIOR TO CONSTRUCTION.
8. THERE ARE PRESENTLY NO KNOWN WATER WELLS WITHIN 75' OF THE PROPOSED SEPTIC SYSTEM.
9. A VERTICAL BENCHMARK SHALL BE PROVIDED WITHIN 50 FEET OF THE PROPOSED BUILDING LOCATION PRIOR TO THE START OF CONSTRUCTION.
10. CLEAR AND GRUB THE AREA WHERE THE SEPTIC SYSTEM AND BUILDING ARE TO BE CONSTRUCTED.
11. ALL FILL MATERIAL SHALL CONFORM TO HEALTH CODE AND BE CLEAN EARTH FREE OF STUMPS, ORGANICS, CONSTRUCTION DEBRIS AND TOPSOIL.
12. TOPSOIL SHALL BE RE-APPLIED OVER ALL FILL AREAS AND ALL DISTURBED AREAS TO PROVIDE A MINIMUM DEPTH OF FOUR INCHES.
13. AFTER THE FILL IS PLACED AND COMPACTED, AN ADDITIONAL PERC TEST MUST BE DONE IN ORDER TO CONFIRM THAT THE FILL DRAINS PROPERLY.
14. TEST HOLES IN RED ARE TO BE DUG PRIOR TO CONSTRUCTION.
15. ALL DISTURBANCE IN THE TOWN RIGHT OF WAY MUST BE RESTORED.

**PERC TEST DATA**  
 PERC 1:  
 TOTAL DEPTH - 18"  
 0 MIN - 5"  
 2 MIN - 7"  
 4 MIN - 8.5"  
 6 MIN - 9.75"  
 8 MIN - 10.75"  
 10 MIN - 11.75"  
 12 MIN - 12.5"  
 14 MIN - 13.5"  
 16 MIN - 14"  
 18 MIN - 14.5"  
 20 MIN - 15.5"  
 22 MIN - 16"  
 24 MIN - 16.5"  
 26 MIN - 17"  
 28 MIN - 17.5"  
 30 MIN - 18"

USE 20 MIN TO 30 MIN  
 FROM 20 MIN TO 30 MIN - 2.5" DROP  
 10 MIN / 2.5 IN = 4 MIN/IN  
 PERC RATE = <10.1 MIN/IN

**PERC TEST DATA**  
 PERC 2:  
 TOTAL DEPTH - 20"  
 0 MIN - 3.5"  
 5 MIN - 5.5"  
 10 MIN - 6.5"  
 15 MIN - 7.25"  
 20 MIN - 8"  
 25 MIN - 8.75"  
 30 MIN - 9.5"  
 35 MIN - 10"  
 40 MIN - 10.5"  
 45 MIN - 11"  
 50 MIN - 11.5"  
 55 MIN - 12"  
 60 MIN - 12.75"  
 65 MIN - 13.25"  
 70 MIN - 13.75"  
 75 MIN - 14.25"  
 80 MIN - 14.75"  
 85 MIN - 15.25"  
 90 MIN - 15.5"  
 95 MIN - 16"  
 100 MIN - 16.25"  
 105 MIN - 16.5"  
 110 MIN - 16.75"  
 115 MIN - 17"  
 120 MIN - 17.5"  
 125 MIN - 17.75"  
 130 MIN - 18"  
 135 MIN - 18.25"  
 140 MIN - 18.5"  
 145 MIN - 18.75"  
 150 MIN - 19"  
 155 MIN - 19.25"  
 160 MIN - 19.5"  
 165 MIN - 19.75"  
 170 MIN - 20"

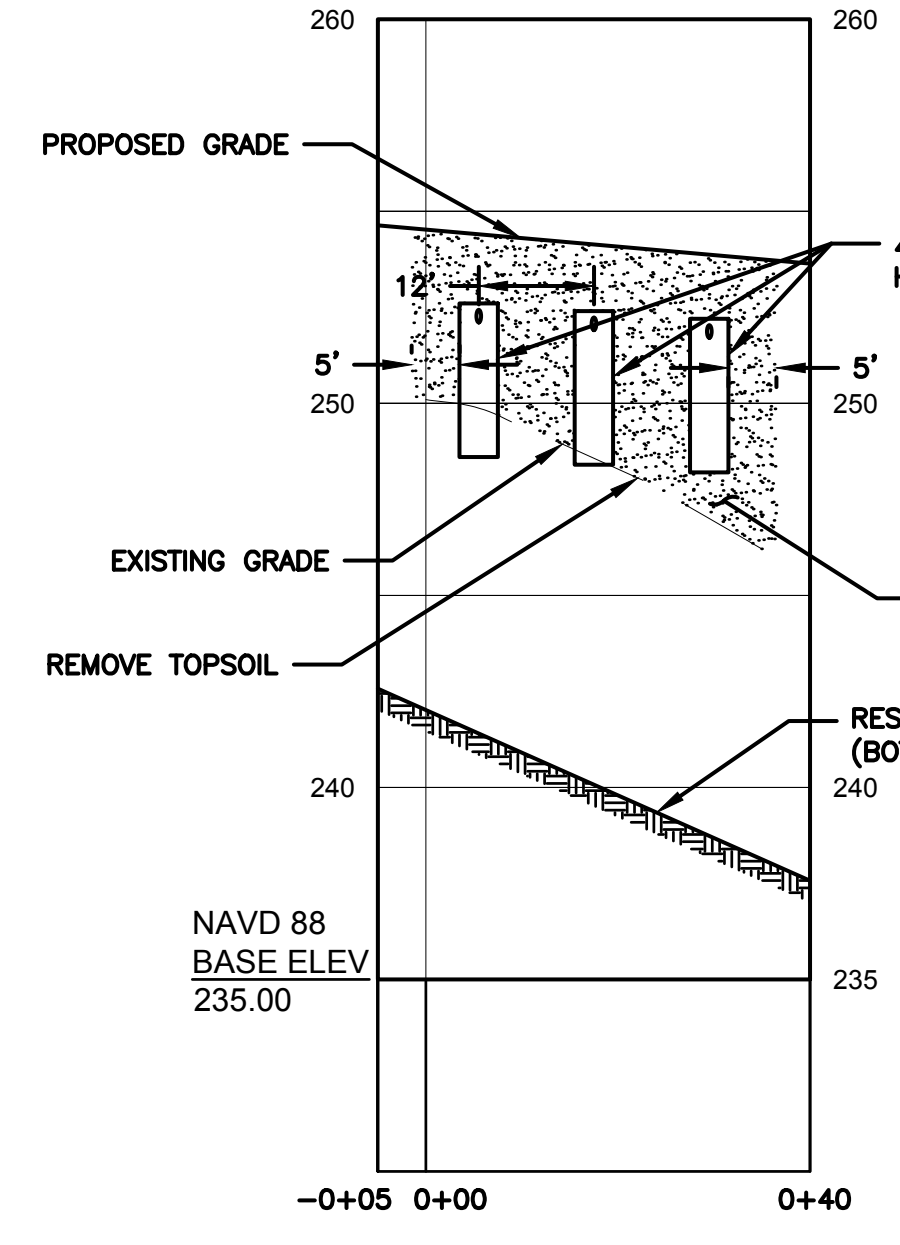
USE 80 MIN TO 105 MIN  
 FROM 80 MIN TO 125 MIN - 2.5" DROP  
 25 MIN / 2.5 IN = 10 MIN/IN  
 PERC RATE = <10.1 MIN/IN

**PERC TEST DATA**  
 PERC 3:  
 TOTAL DEPTH - 21"  
 0 MIN - 3"  
 5 MIN - 5.5"  
 10 MIN - 6.5"  
 15 MIN - 7.5"  
 20 MIN - 8.5"  
 25 MIN - 9.5"  
 30 MIN - 10.5"  
 35 MIN - 11.5"  
 40 MIN - 12.25"  
 45 MIN - 13"  
 50 MIN - 13.75"  
 55 MIN - 14.75"  
 60 MIN - 15.75"  
 65 MIN - 16.75"  
 70 MIN - 17.5"  
 75 MIN - 18.25"  
 80 MIN - 19"  
 85 MIN - 19.5"  
 90 MIN - 20"  
 95 MIN - 20.5"  
 100 MIN - 21"  
 105 MIN - 21.5"

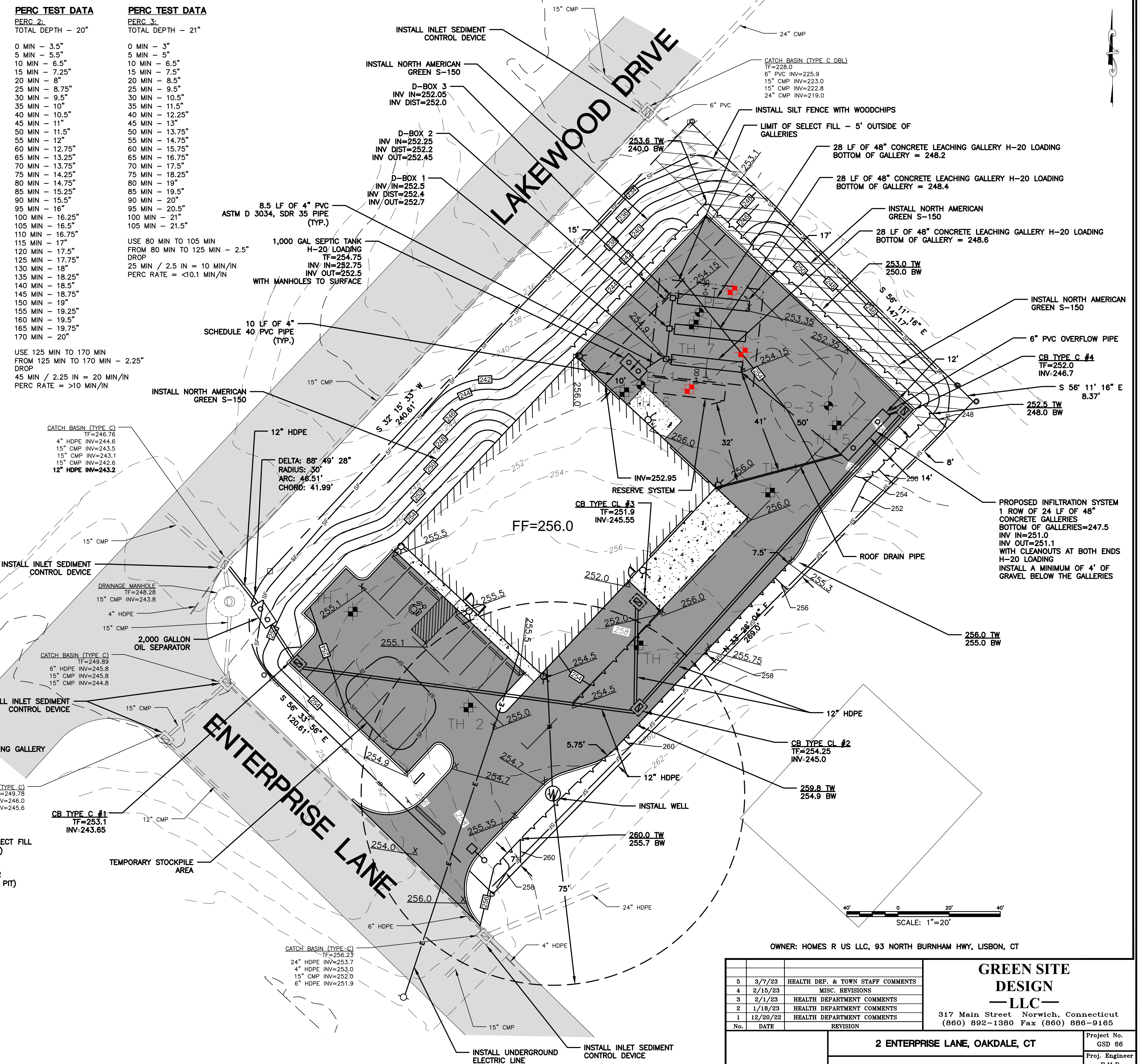
USE 125 MIN TO 170 MIN  
 FROM 125 MIN TO 170 MIN - 2.25" DROP  
 45 MIN / 2.25 IN = 20 MIN/IN  
 PERC RATE = >10 MIN/IN

**DESIGN DATA**  
 PRIMARY SYSTEM:  
 PERCOLATION RATE: 10.1 TO 20 MIN/IN (20 MIN/IN)  
 DESIGN FLOW:  
 OFFICE = 20 GPD / EMPLOYEE  
 1,500 SF OF OFFICE SPACE / 200 SF PER EMPLOYEE = 7.5 EMPLOYEES (USE 8)  
 20 GPD X 8 EMPLOYEES = 160 GPD  
 INDUSTRIAL SPACE = 0.1 GPD PER 1 SF OF INDUSTRIAL SPACE  
 7,500 SF X 0.1 GPD = 750 GPD  
 TOTAL DAILY FLOW = 750 GPD + 160 GPD = 910 GPD  
 APPLICATION RATE: 1.2 GPD / SF  
 REQ. EFFECTIVE LEACHING AREA=(910 GPD)/(1.2 GPD/SF) = 758.33 SF  
 USE A 48" CONCRETE GALLERY  
 EFFECTIVE LEACHING AREA OF TRENCH = 9.2 SF/LF  
 LENGTH OF TRENCH REQUIRED=(758.33 SF)/(9.2 SF/LF) = 82.4 LF  
 DEPTH TO RESTRICTIVE LAYER: >6"  
 MLSS DOES NOT NEED TO BE CONSIDERED  
 USE THREE ROWS OF 28 LF

RESERVE SYSTEM:  
 REQ. EFFECTIVE LEACHING AREA=(910 GPD)/(1.2 GPD/SF) = 758.33 SF  
 USE GEOMATRIX: GEOMAT EDGE WE 1200  
 EFFECTIVE LEACHING AREA = 27.2 SF/LF  
 LENGTH OF GEOMATRIX REQUIRED = (758.33 SF)/(27.2 SF/LF) = 27.9 LF



**LEACH FIELD**  
 STA -0+05 TO STA 0+40  
 VERTICAL SCALE: 1" = 5'  
 HORIZONTAL SCALE: 1" = 10'



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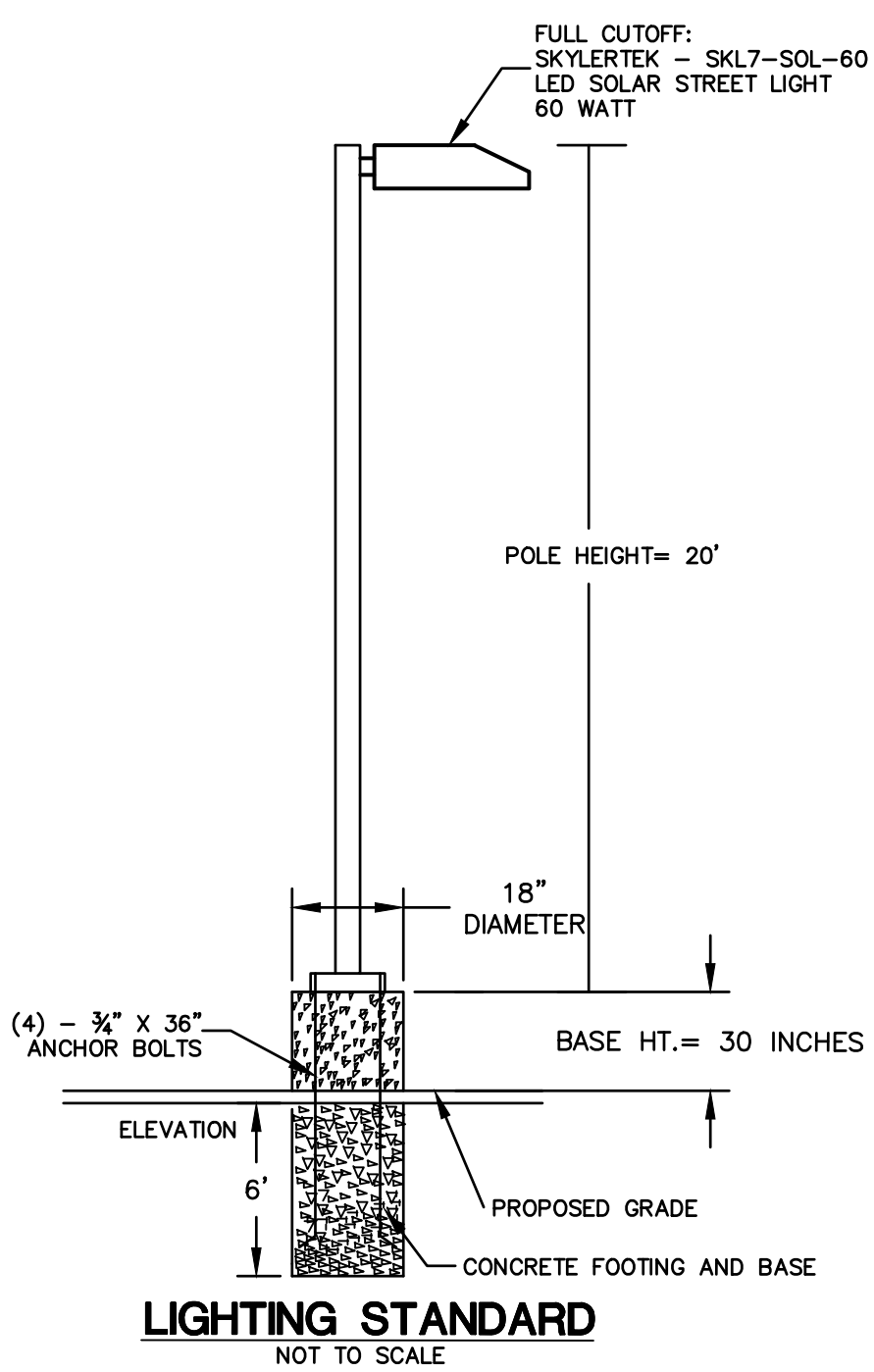
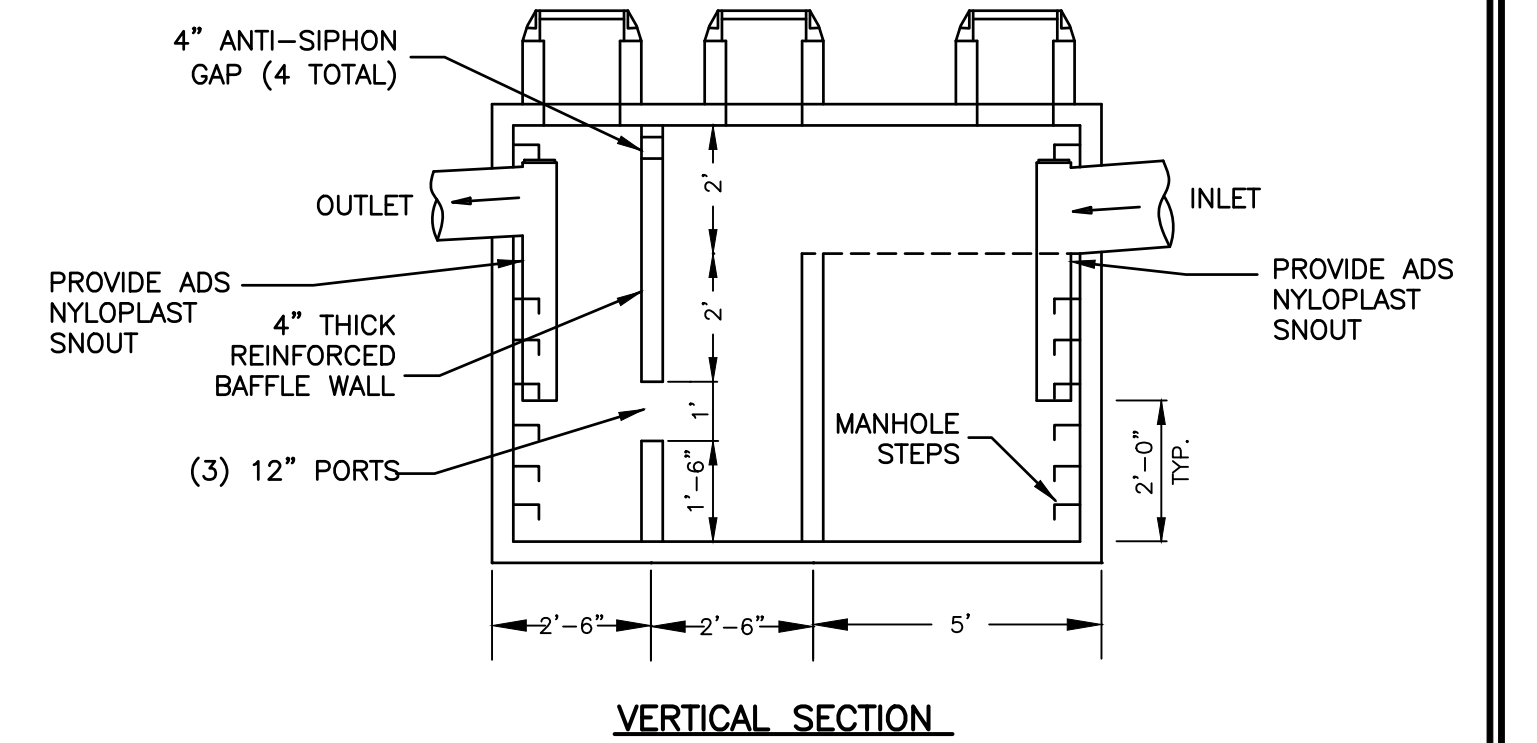
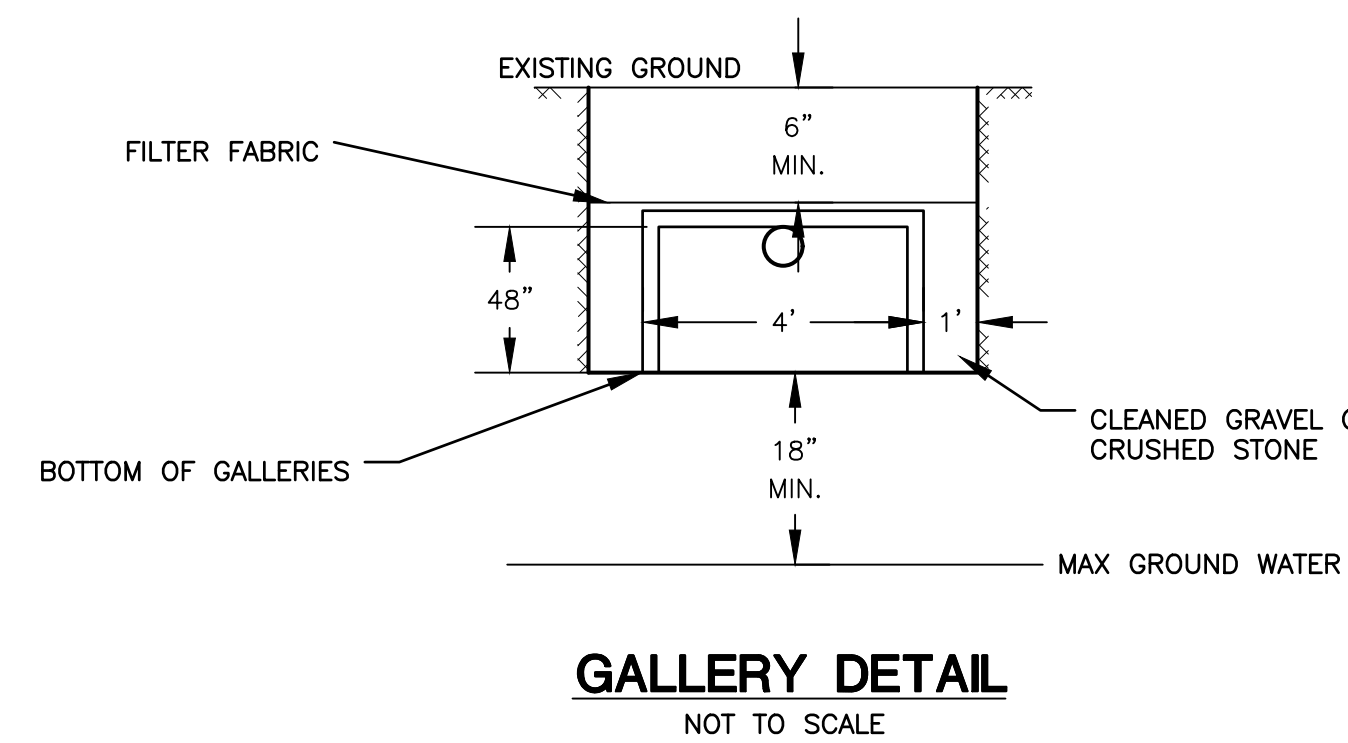
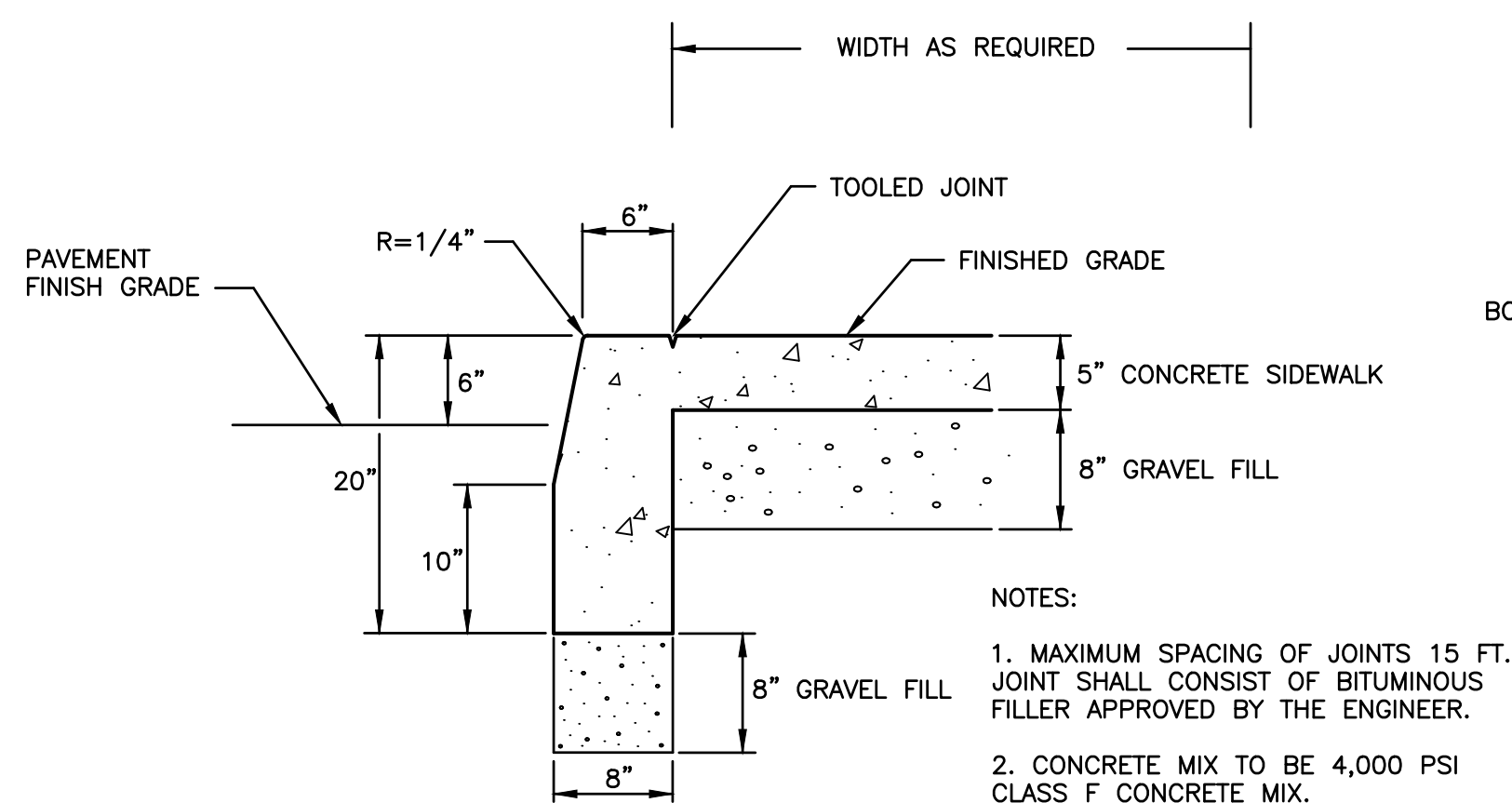
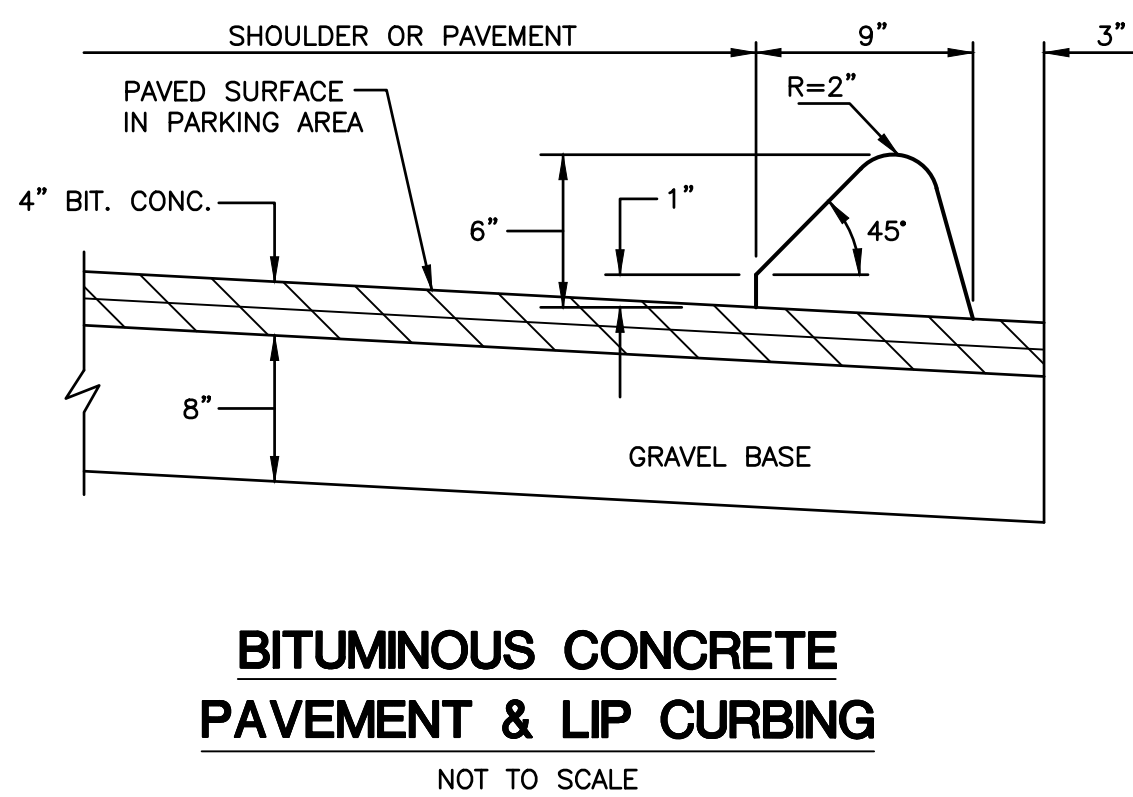
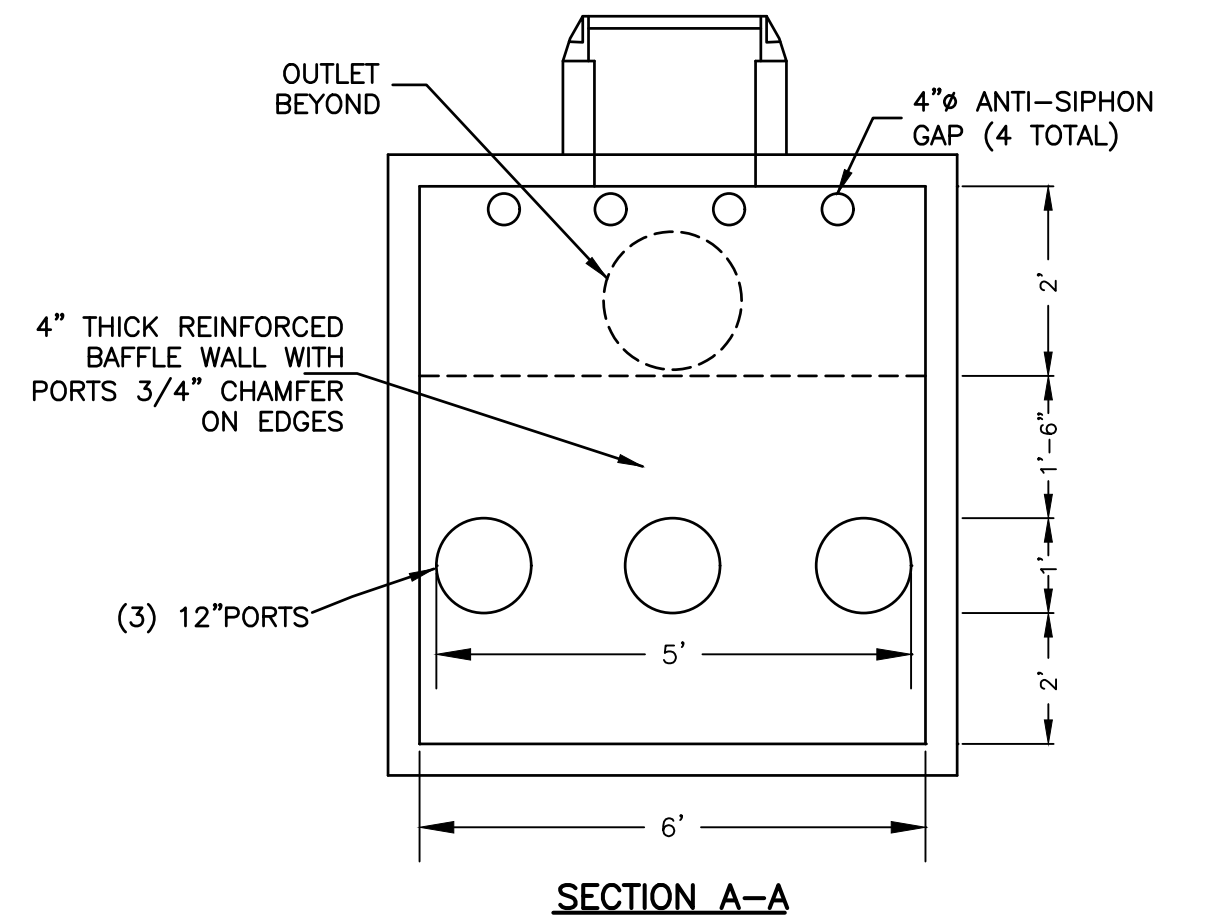
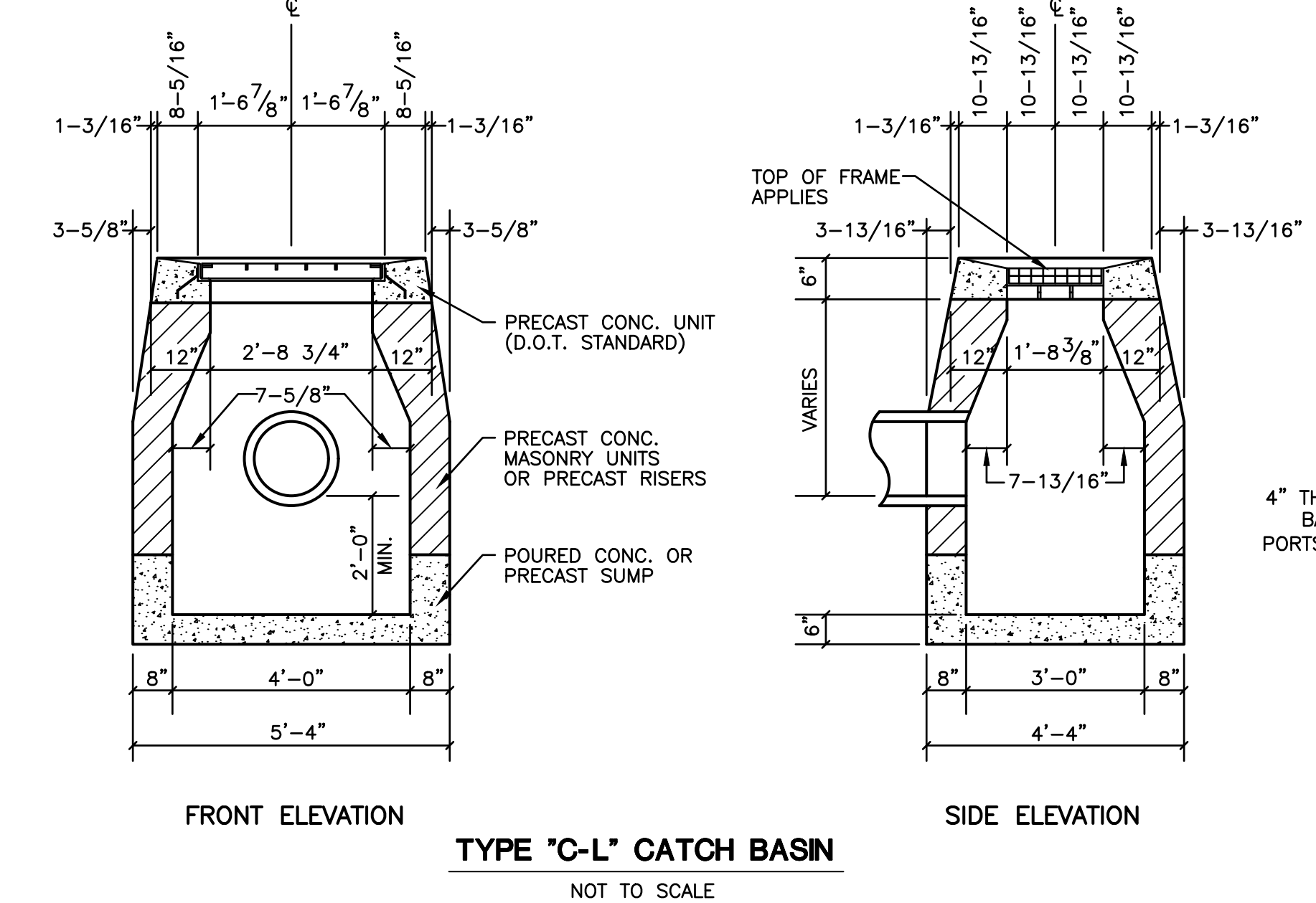
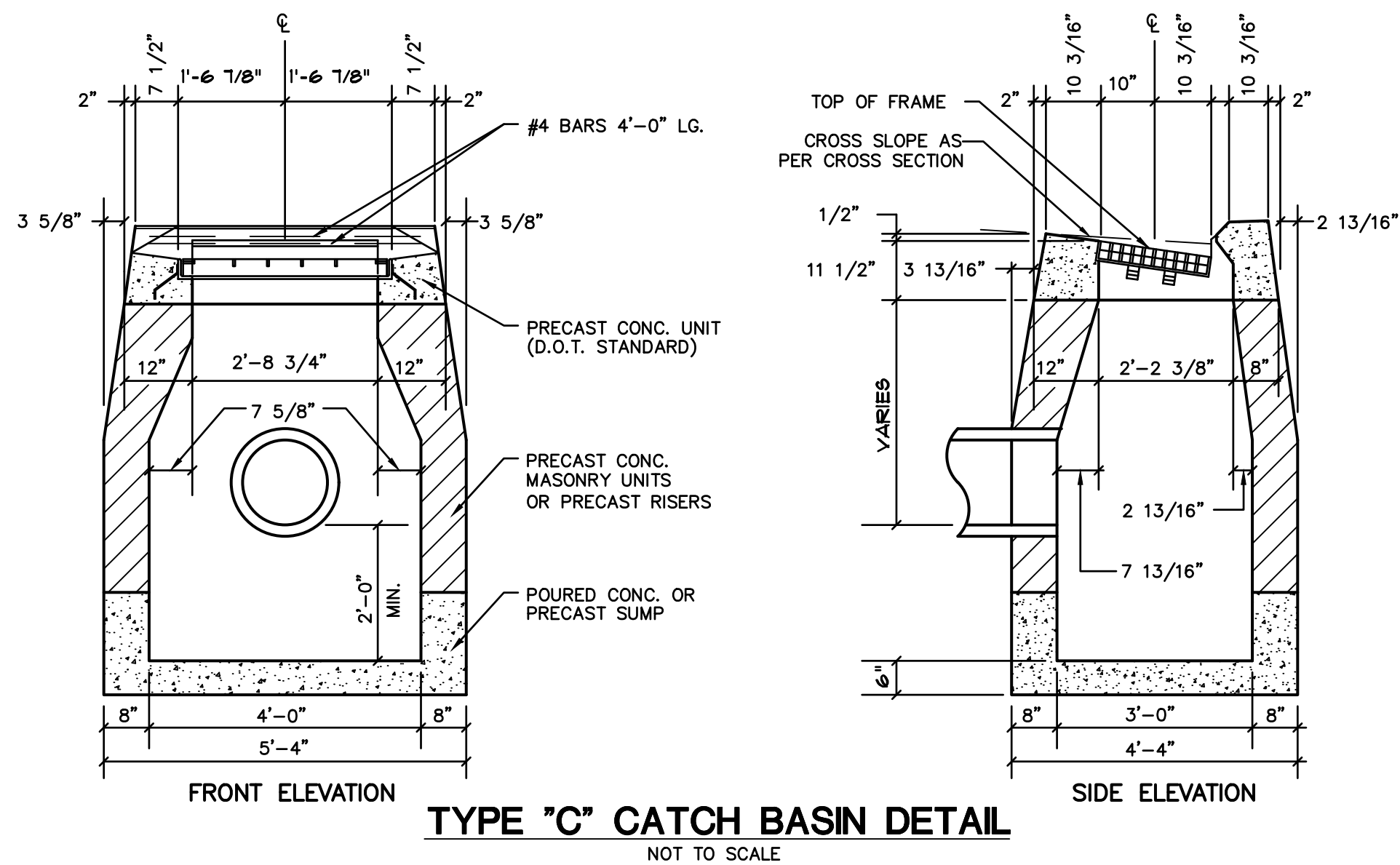
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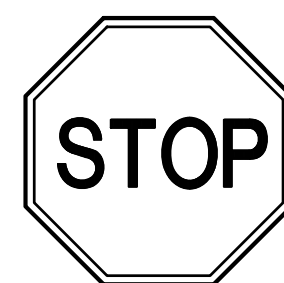
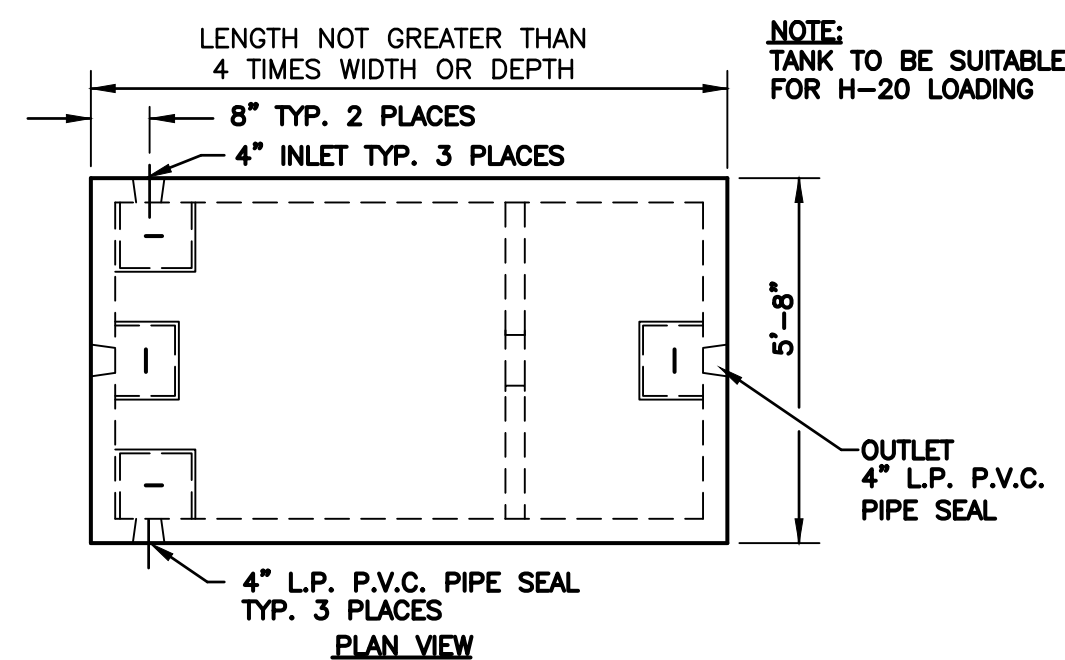
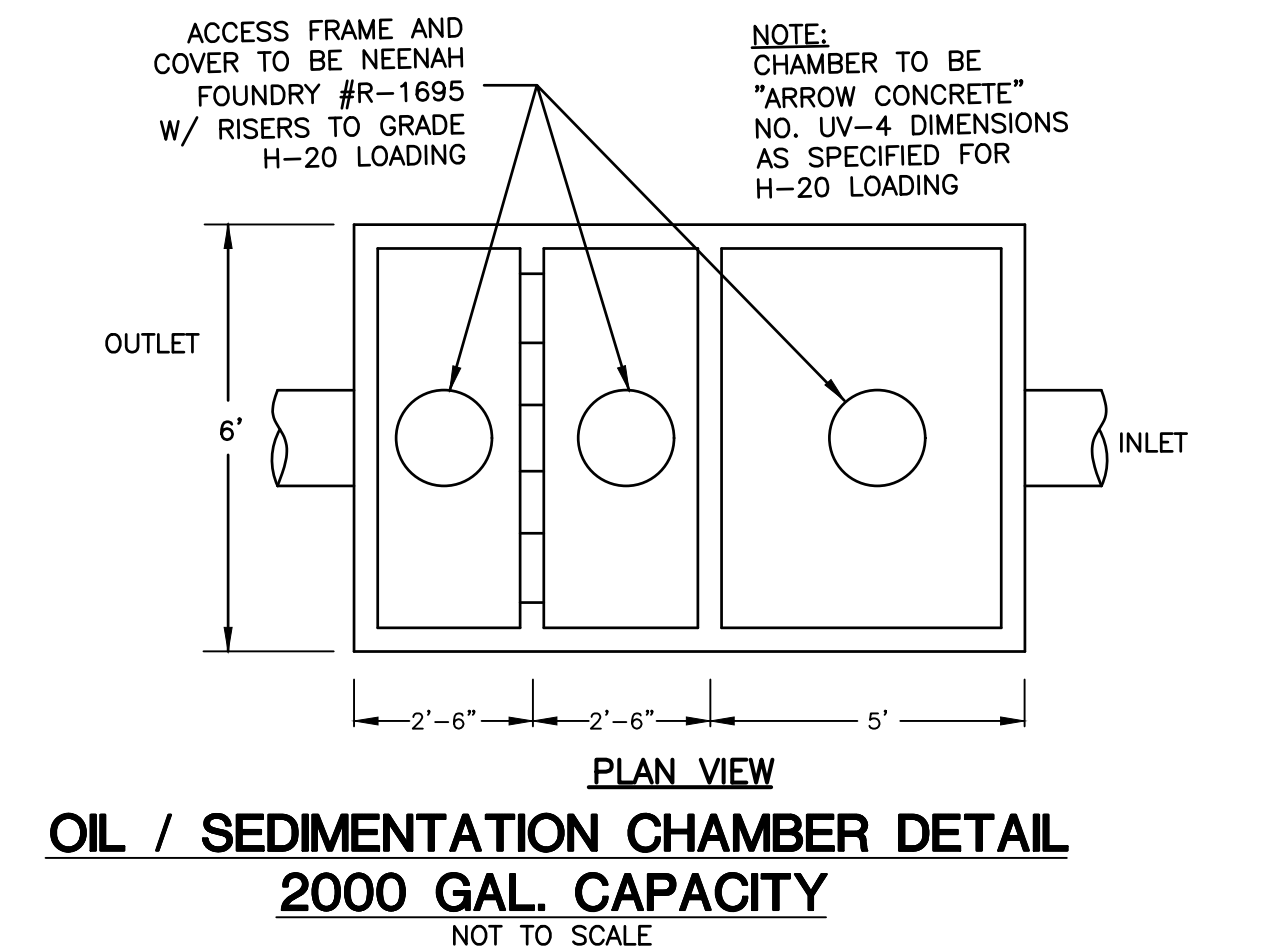
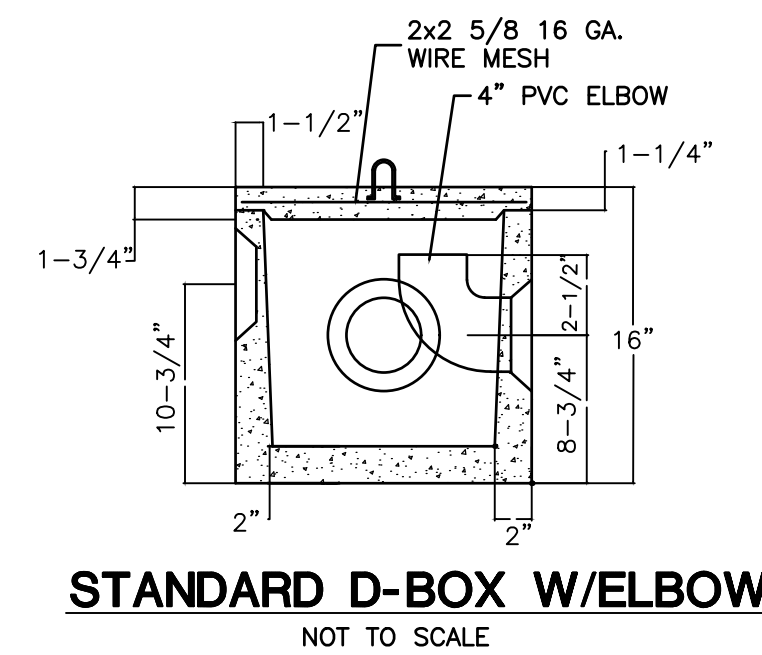
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GRADING & SEPTIC PLAN

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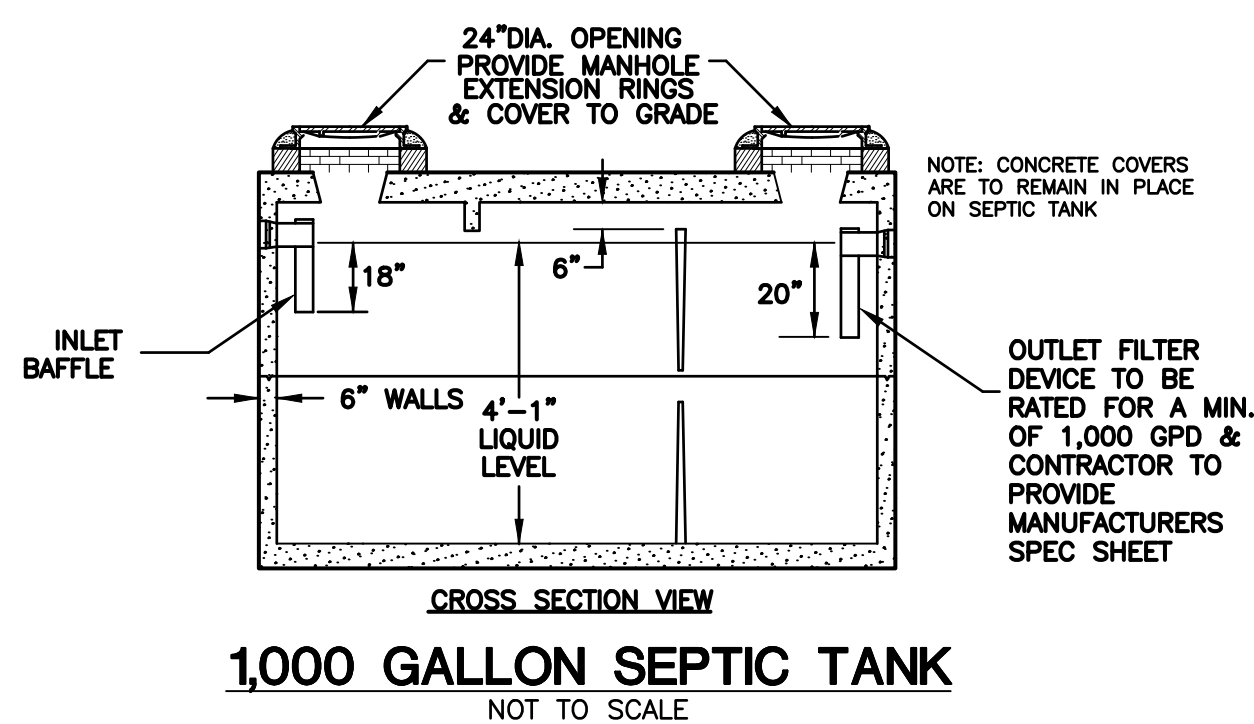


**CONCRETE SIDEWALK WITH CURBING DETAIL (SINGLE POUR)**  
NOT TO SCALE



NOTE: SIGNS TO BE INSTALLED IN ACCORDANCE WITH STATE OF CONNECTICUT D.O.T. STANDARDS FORM 818  
SECURE ALL SIGNS TO 1/2" DIA. GALVANIZED STEEL POST WITH (2) 1/4" DIA. GALVANIZED BOLTS (1 TOP, 1 BOTTOM) (TYP)

**TRAFFIC SIGNAGE**  
NOT TO SCALE



**SELECT FILL**

SELECT FILL PLACED WITHIN AND ADJACENT TO LEACHING SYSTEM AREAS SHALL BE COMPRISED OF CLEAN SAND, OR SAND AND GRAVEL FREE FROM ORGANIC MATTER AND FOREIGN SUBSTANCES. THE SELECT FILL SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS OTHERWISE APPROVED BY THE DESIGN ENGINEER. SELECT FILL EXCEEDING 6% PASSING THE #200 SIEVE BASED ON A WET SIEVE TEST CANNOT BE APPROVED BY THE DESIGN ENGINEER.

1. THE SELECT FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THEN THREE (3) INCH SIZE.
2. UP TO 45% OF THE DRY WEIGHT OF THE REPRESENTATIVE SAMPLE MAY BE RETAINED ON THE #4 SIEVE. NOTE: THIS IS THE GRAVEL PORTION OF THE SAMPLE.
3. THE MATERIAL THAT PASSES THE #4 SIEVE IS THEN REWEIGHED AND THE SIEVE ANALYSIS STARTED.
4. THE REMAINING SAMPLE SHALL MEET THE FOLLOWING GRADATION CRITERIA.

SIEVE SIZE	PERCENT PASSING	
	WET SIEVE	DRY SIEVE
#4	100	100
#10	70-100	70-100
#40	10-50	10-75
#100	0-20	0-5
#200	0-5	0-2.5

PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THEN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10% AND THE #200 SIEVE DOES NOT EXCEED 5%. THE SELECT FILL MUST BE TESTED AFTER PLACEMENT AND MUST HAVE A PERCOLATION RATE AT LEAST AS FAST AS THE DESIGN RATE OF LESS THAN 10 MIN/INCH

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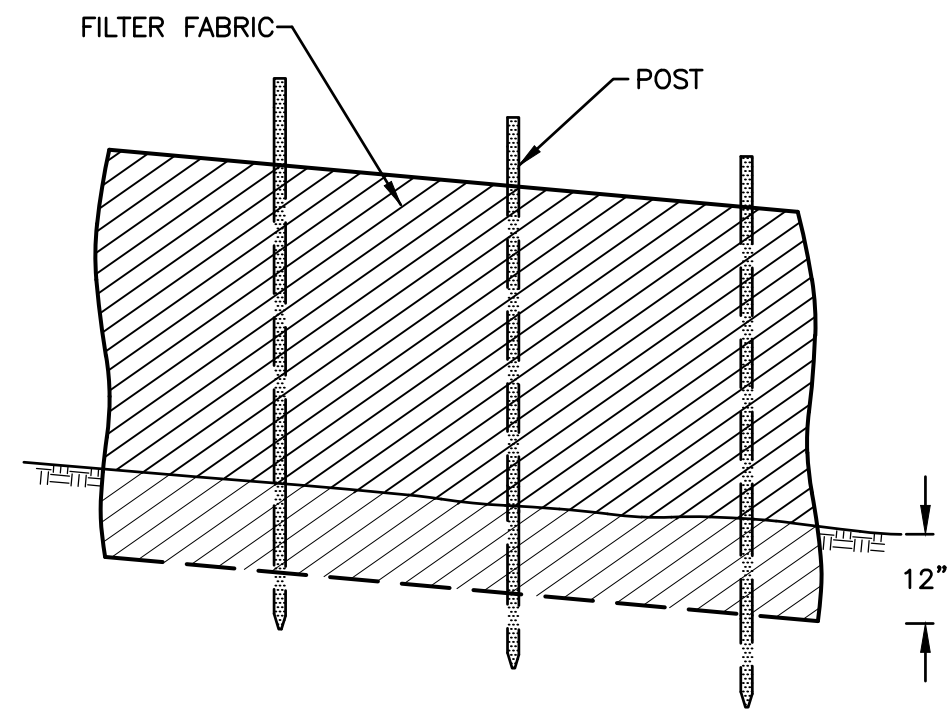
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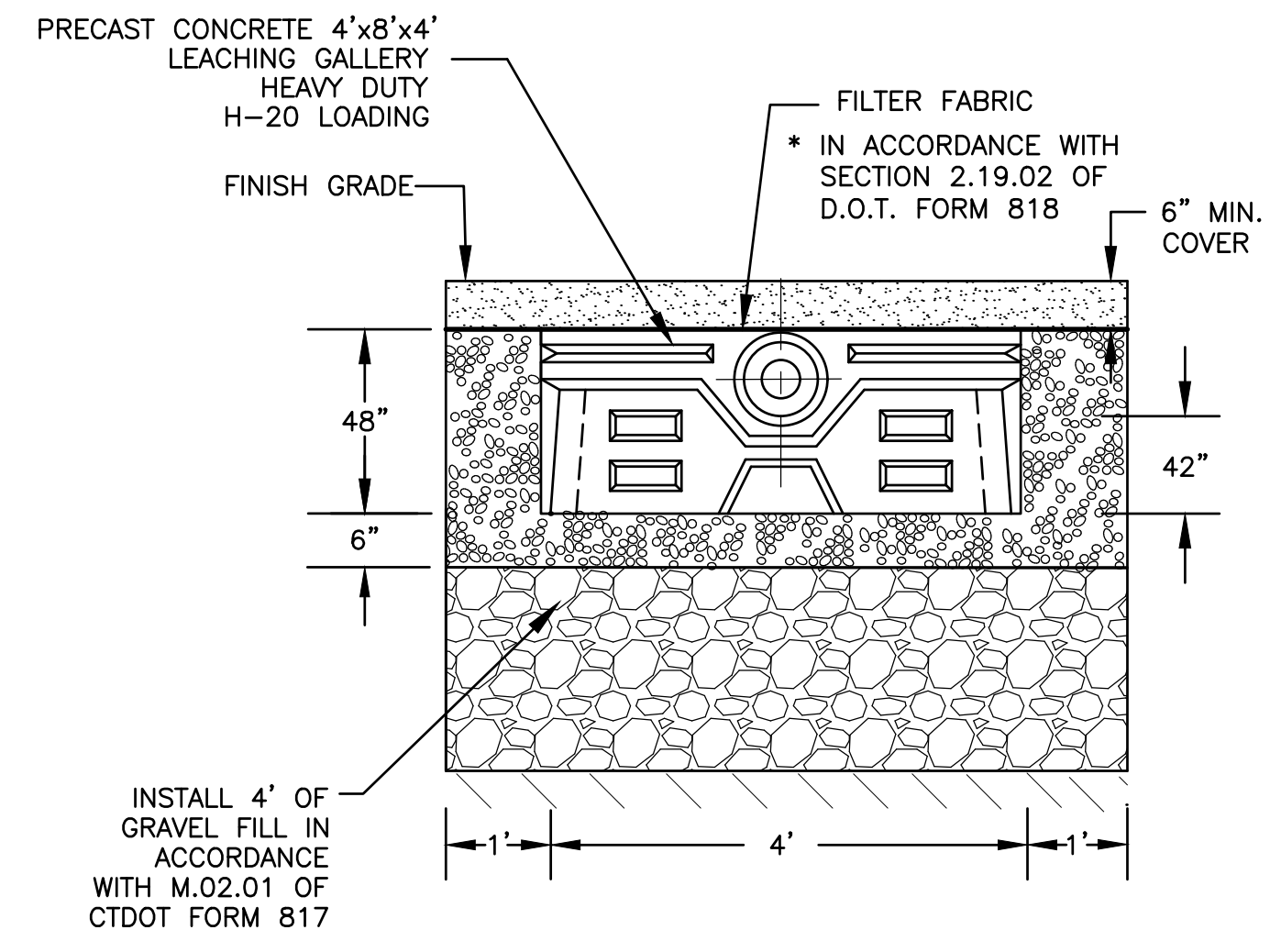
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SITE DETAILS

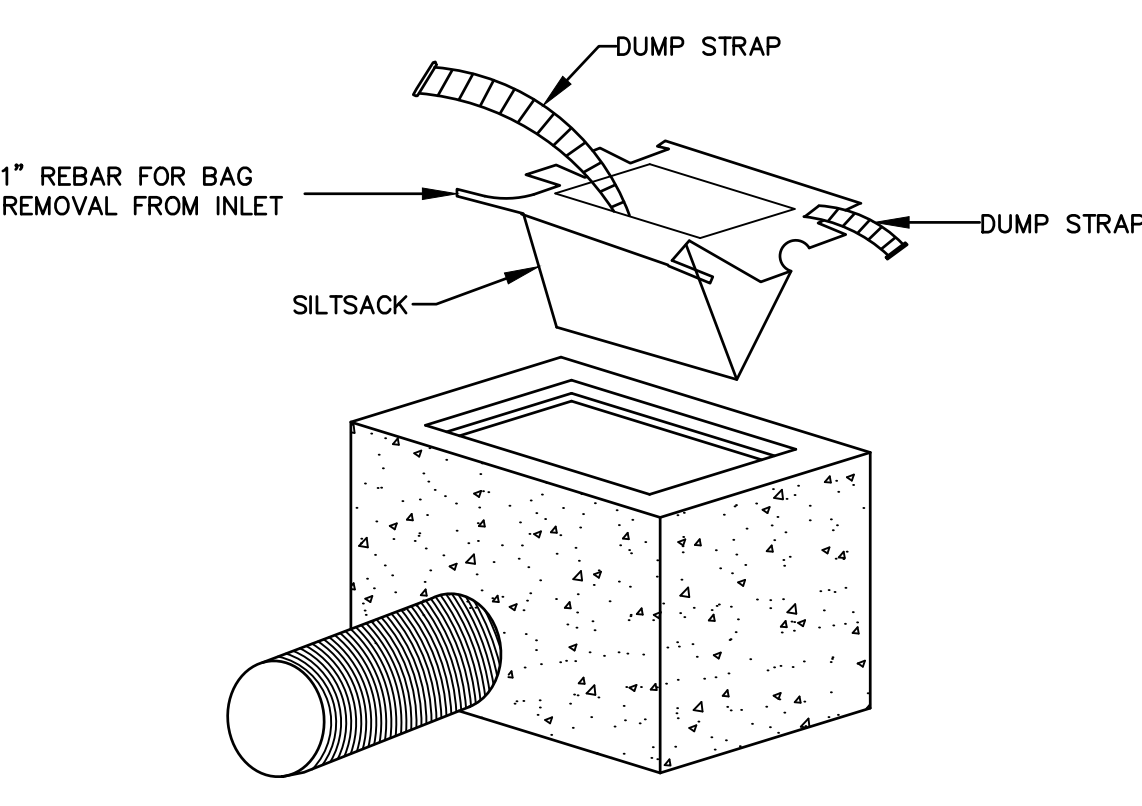
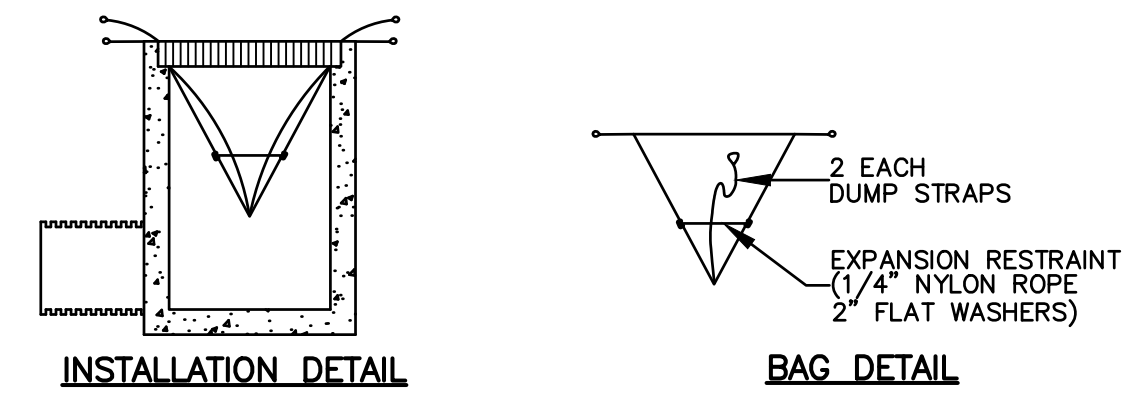
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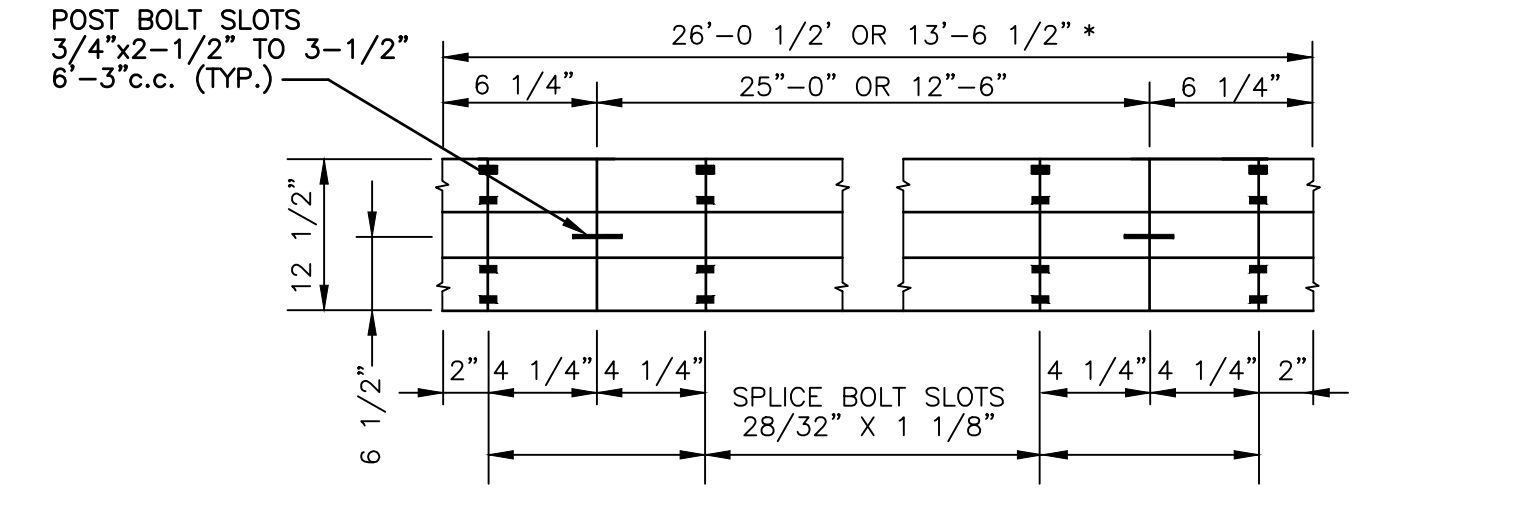
**SILT FENCE DETAIL**  
NOT TO SCALE



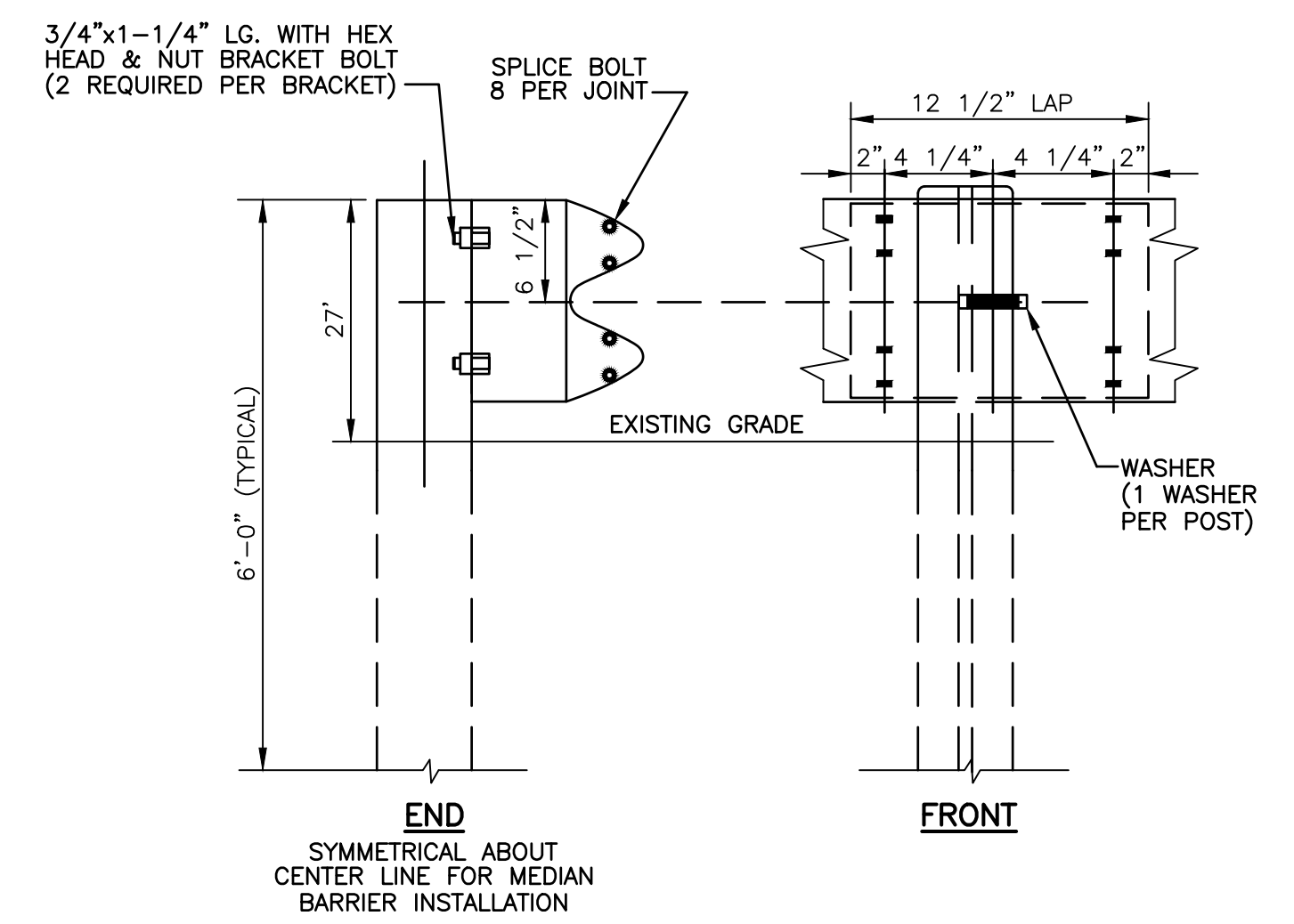
**TYPICAL 48" CONCRETE GALLERY TRENCH - ROOF INFILTRATION SYSTEM**  
NOT TO SCALE



**INLET SEDIMENT CONTROL DEVICE DETAIL**  
NOT TO SCALE

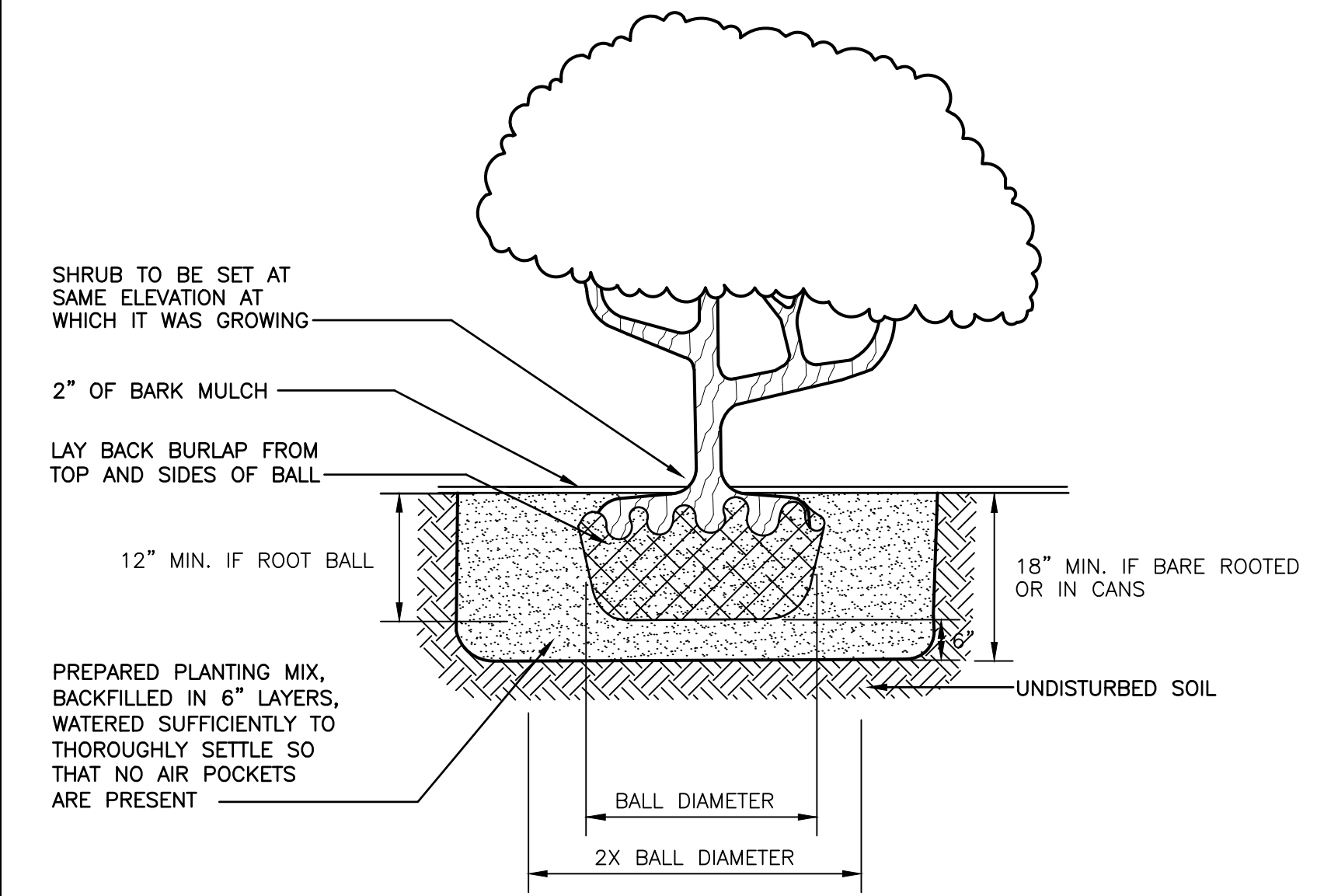


**TYPICAL RAIL ELEMENT**  
CLASS A (12 GA.) * AT THE OPTION OF THE CONTRACTOR

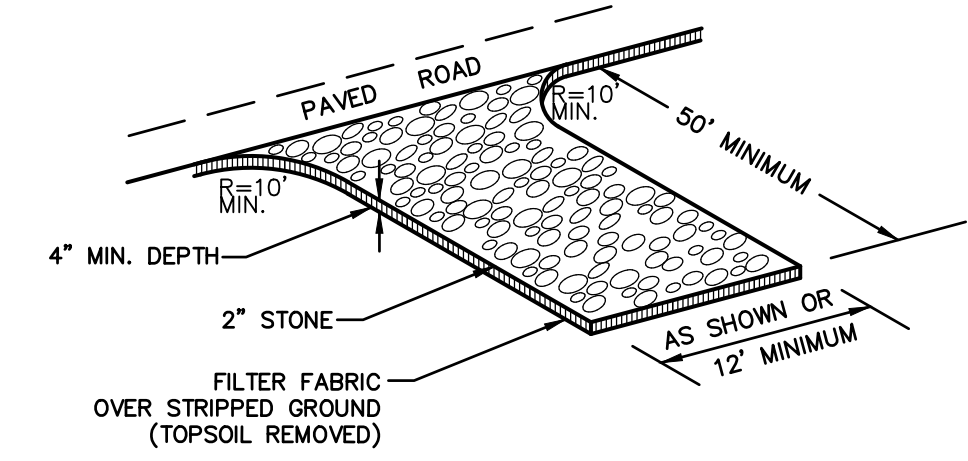


INSTALLATION TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF CT. D.O.T. FORM 818

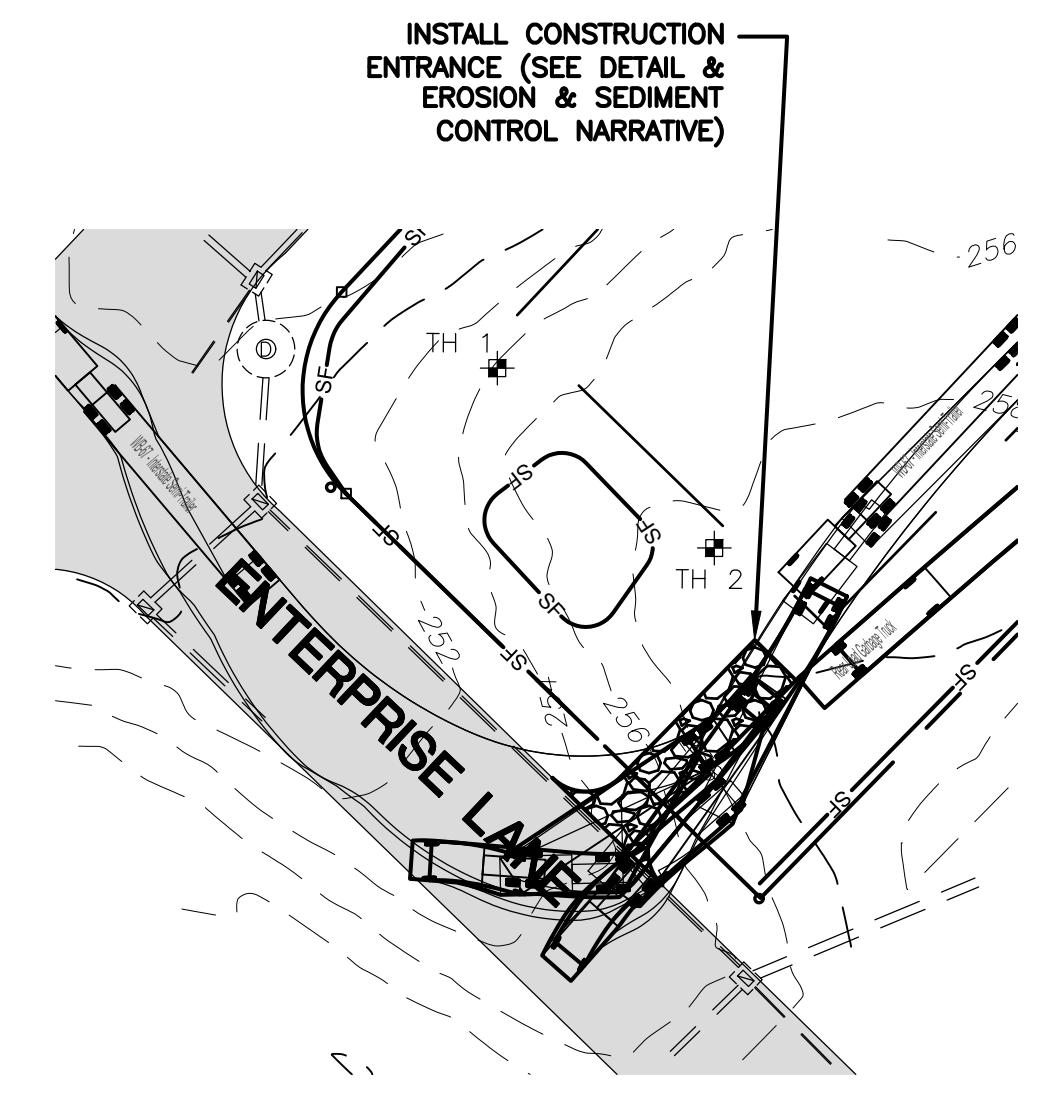
**METAL BEAM RAIL**  
NOT TO SCALE



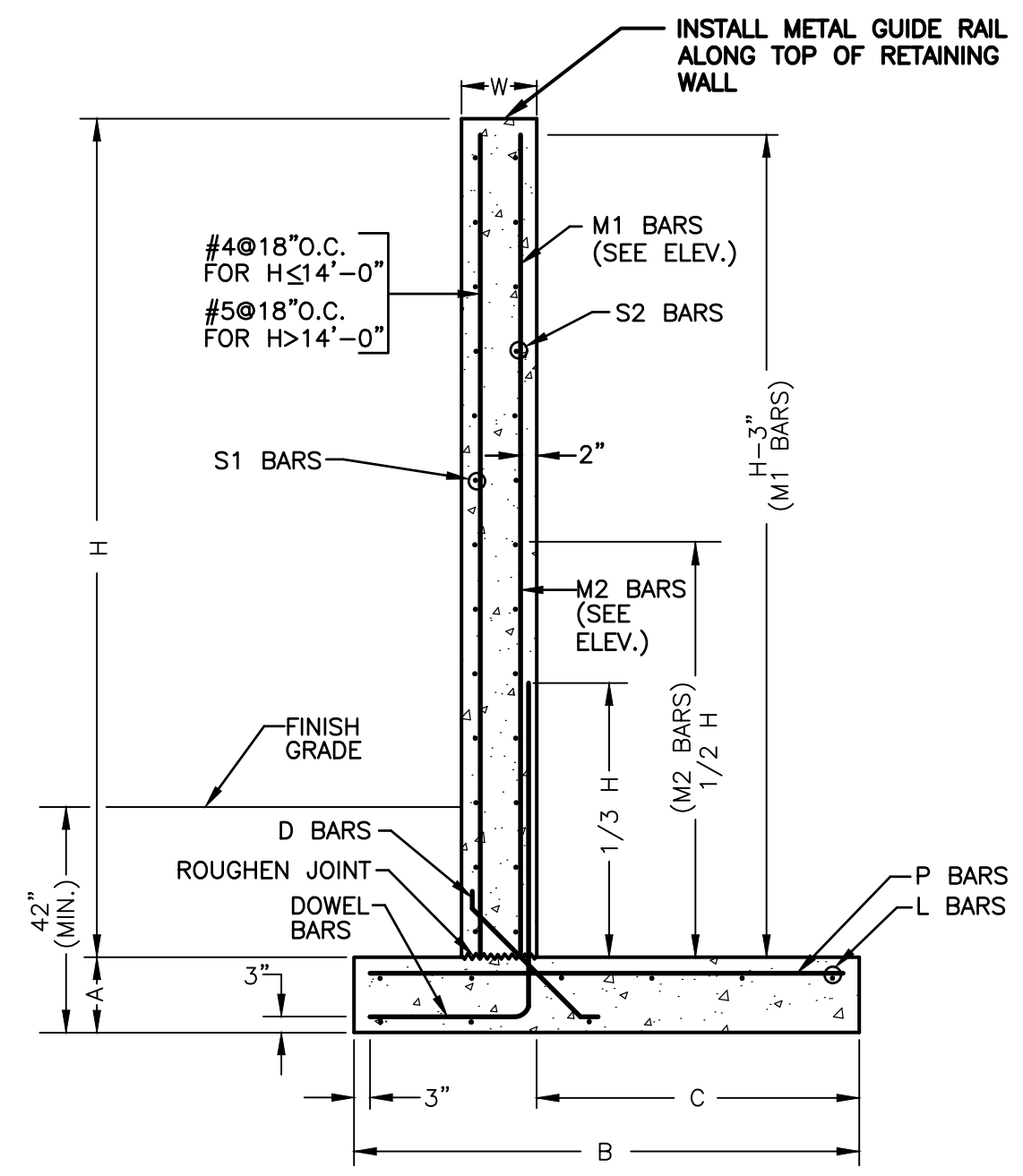
**SHRUB PLANTING DETAIL**  
NOT TO SCALE



**CONSTRUCTION ENTRANCE**  
NOT TO SCALE



**CONSTRUCTION ENTRANCE**  
SCALE: 1"=40'



**RETAINING WALL SECTION DETAIL**  
NOT TO SCALE

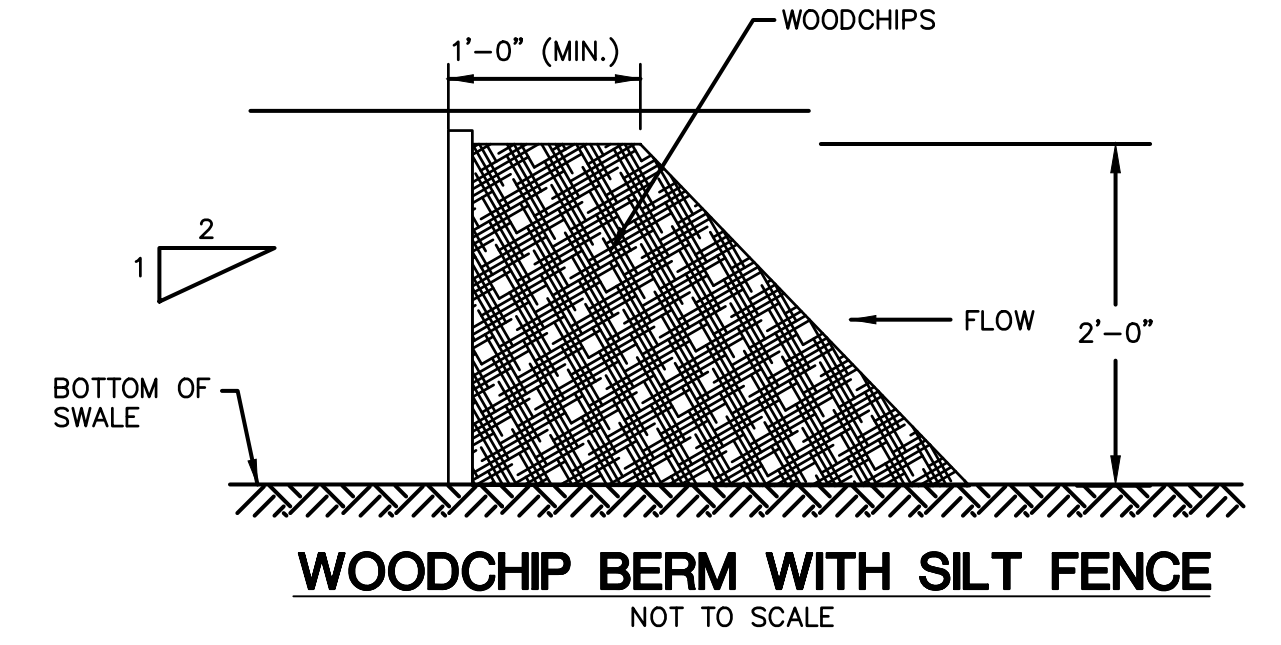
CT LICENSED ENGINEER MUST DESIGN AND INSPECT THE RETAINING WALLS DURING CONSTRUCTION

HEIGHT "H"	WALL WIDTH "W"	BASE WIDTH "B"	HEEL WIDTH "C"	BASE DEPTH "A"	BASE REINFORCEMENT			STEM REINFORCEMENT				
					DOWEL BARS	"D" DIAG. BARS	"L" BARS	"P" BARS	"M1" BARS	"M2" BARS	"S1" BARS	"S2" BARS
10'	12"	5'-9"	3'-7"	12"	#5@12"	#4@12"	5-#4	#5@12"	NONE	NONE	#4@12"	#5@12"
11'	13"	6'-7"	4'-1"	13"	#5@9"	#4@9"	6-#6	#4@9"	#4@18"	#4@18"	#4@12"	#5@12"
12'	14"	7'-3"	4'-7"	14"	#5@8"	#4@8"	6-#6	#5@8"	#4@16"	#4@16"	#5@12"	#5@18"
13'	14"	7'-10"	5'-0"	14"	#6@9"	#4@9"	6-#6	#5@9"	#4@18"	#4@18"	#5@12"	#5@18"
14'	15"	8'-5"	5'-5"	15"	#6@8"	#4@8"	6-#7	#5@8"	#5@16"	#5@16"	#5@12"	#5@18"
15'	16"	9'-0"	5'-9"	16"	#7@9"	#4@9"	6-#7	#6@9"	#5@18"	#5@18"	#5@12"	#5@18"

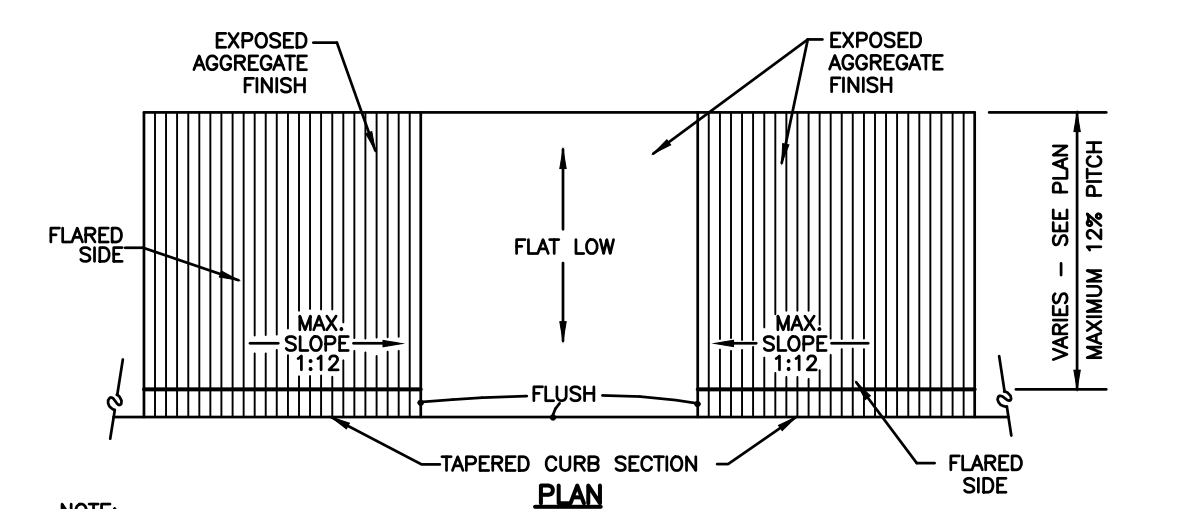
**EROSION CONTROL & SEDIMENTATION NARRATIVE**

- PRIOR TO THE INSTALLATION OF ANY EROSION AND SEDIMENT CONTROL MEASURES, THE OWNER AND CONTRACTOR SHALL MEET WITH THE TOWN OF MONTVILLE ZONING ENFORCEMENT OFFICER. THERE ARE 0.93 ACRES OF DISTURBANCE PROPOSED FOR THIS PROJECT.
- STAKE LIMITS OF CLEARANCE
- THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON SHEET 3 PRIOR TO SITE DISTURBANCE. ADDITIONAL EROSION & SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DETERMINED TO BE NECESSARY BY THE ZONING ENFORCEMENT OFFICER.
- INSTALL CONSTRUCTION ENTRANCE PER DETAIL.
- THE CONTRACTOR SHALL CONTACT THE ZONING ENFORCEMENT OFFICER FOR INSPECTION OF THE SEDIMENTATION CONTROL MEASURES. PRIOR TO SITE DISTURBANCE CONSTRUCTION SHALL NOT BEGIN UNTIL SUCH TIME AS THE ZONING ENFORCEMENT OFFICER HAS REVIEWED AND APPROVED THE INSTALLATION OF THE SEDIMENTATION AND EROSION CONTROL MEASURES.
- CONTRACTOR TO INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES & SWALES AT LEAST WEEKLY AND AFTER EVERY STORM EVENT AND REPAIR AND MAINTAIN AS NECESSARY.
- CLEARING & GRUBBING OF THE AREA TO BE GRADED. TOPSOIL TO BE REMOVED & STOCKPILED IN AN AREA SURROUNDED WITH SILTFENCE.
- ROUGH GRADE SITE, EXCAVATE FOR BUILDING FOOTINGS, INSTALL UTILITIES.
- BUILDING CONSTRUCTION TO PROCEED.
- INSTALL DRAINAGE SYSTEM & FINISH GRADING. INSTALL INLET SEDIMENT CONTROL DEVICES IN CATCH BASINS.
- TOPSOIL SHALL BE RE-APPLIED TO PROVIDE A MINIMUM DEPTH OF FOUR INCHES.
- ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL VEGETATION IS RE-ESTABLISHED.
- INSTALLATION OF BIT. CONC. PAVEMENT
- SEEDING SHOULD TAKE PLACE BETWEEN APRIL 1 AND JUNE 1 OR AUGUST 15 AND OCTOBER 1.
- THE FOLLOWING SEEDING MIXTURES SHALL BE PROVIDED ON ALL DISTURBED AREAS.
 

KENTUCKY BLUE GRASS	20 LB's/AC
CREeping RED FESCUE	20 LB's/AC
PERENNIAL RYEGRASS	5 LB's/AC
- UNFORESEEN PROBLEMS WHICH ARE ENCOUNTERED IN THE FIELD SHALL BE SOLVED ACCORDING TO CONNECTICUT GUIDELINES FOR SOIL AND SEDIMENT CONTROL.
- A QUALIFIED E&S INSPECTOR SHALL BE HIRED TO INSPECT THE SITE WEEKLY & AFTER STORM EVENTS DURING CONSTRUCTION.



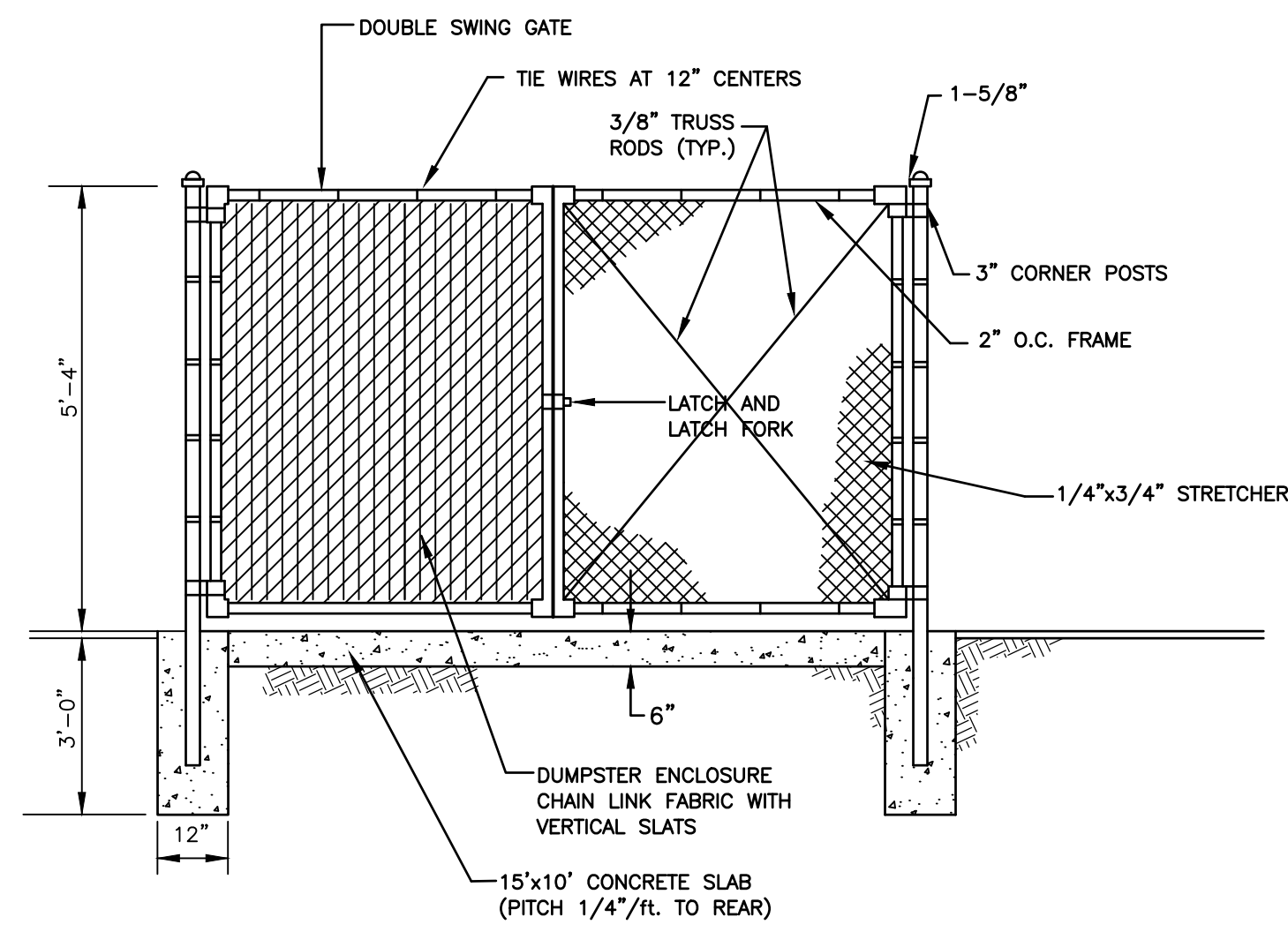
**WOODCHIP BERM WITH SILT FENCE**  
NOT TO SCALE



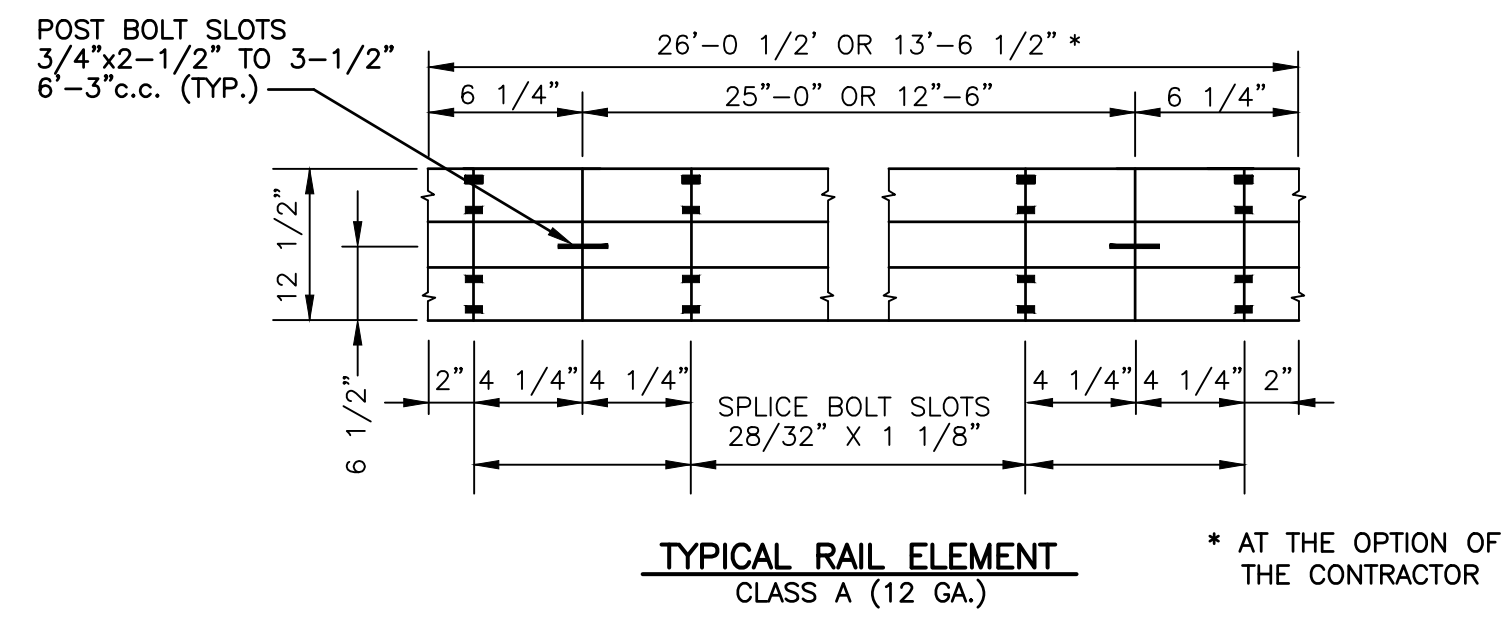
**SIDEWALK RAMP DETAIL**  
NOT TO SCALE

OWNER: HOMES R US LLC, 93 NORTH BURNHAM HWY, LISBON, CT

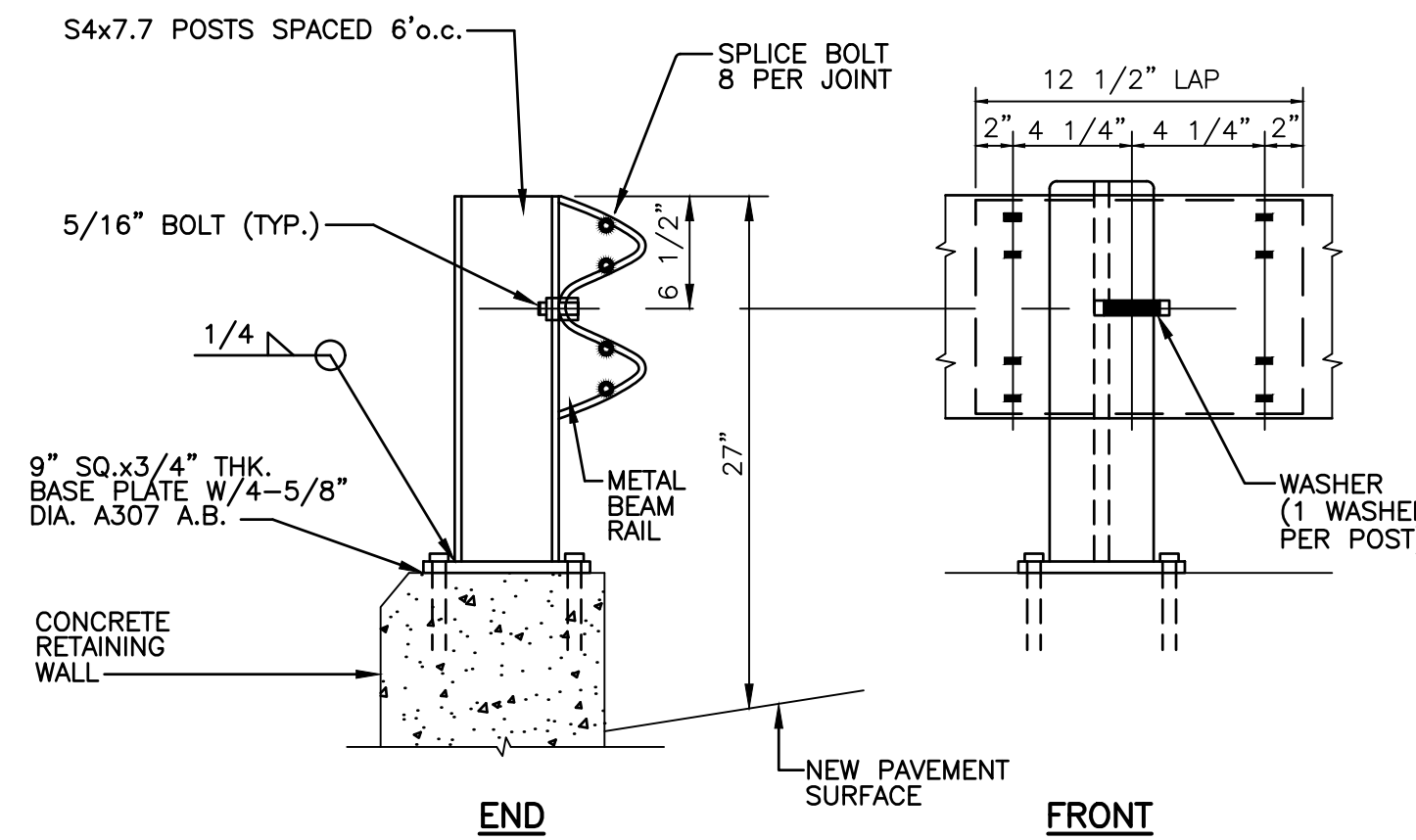
<p style="text-align: center;"><b>GREEN SITE DESIGN - LLC</b></p> <p style="text-align: center;">317 Main Street Norwich, Connecticut (860) 892-1380 Fax (860) 886-9165</p>		Project No. GSD 66
		Proj. Engineer E.M.B
		Date: 9/14/22
		Sheet No. <b>5</b>
<b>2 ENTERPRISE LANE, OAKDALE, CT</b>		
<b>PVC DIRECT SITE PLAN</b>		
<b>EROSION &amp; SEDIMENT CONTROL DETAILS</b>		



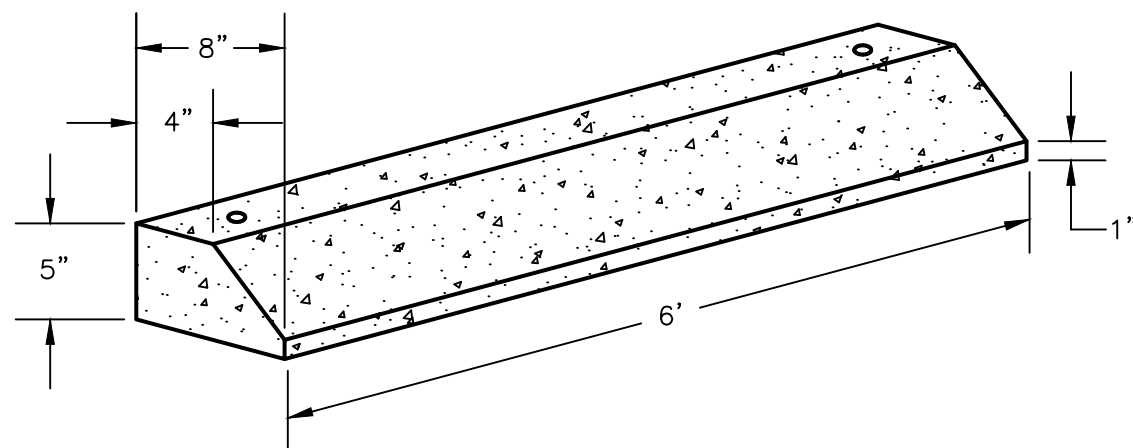
**CHAIN LINK FENCE/DUMPSTER ENCLOSURE**  
NOT TO SCALE



**TYPICAL RAIL ELEMENT**  
CLASS A (12 GA.) * AT THE OPTION OF THE CONTRACTOR



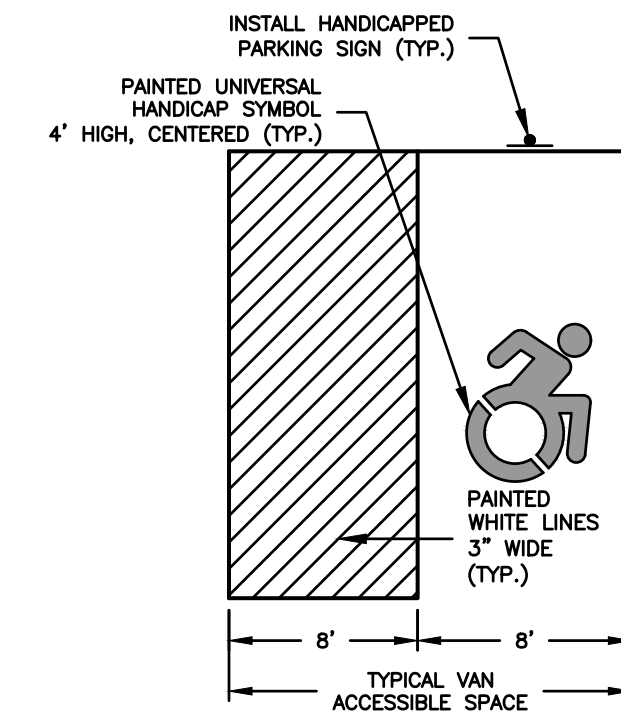
**METAL BEAM RAIL**  
NOT TO SCALE  
INSTALLATION TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF CT. D.O.T. FORM 818



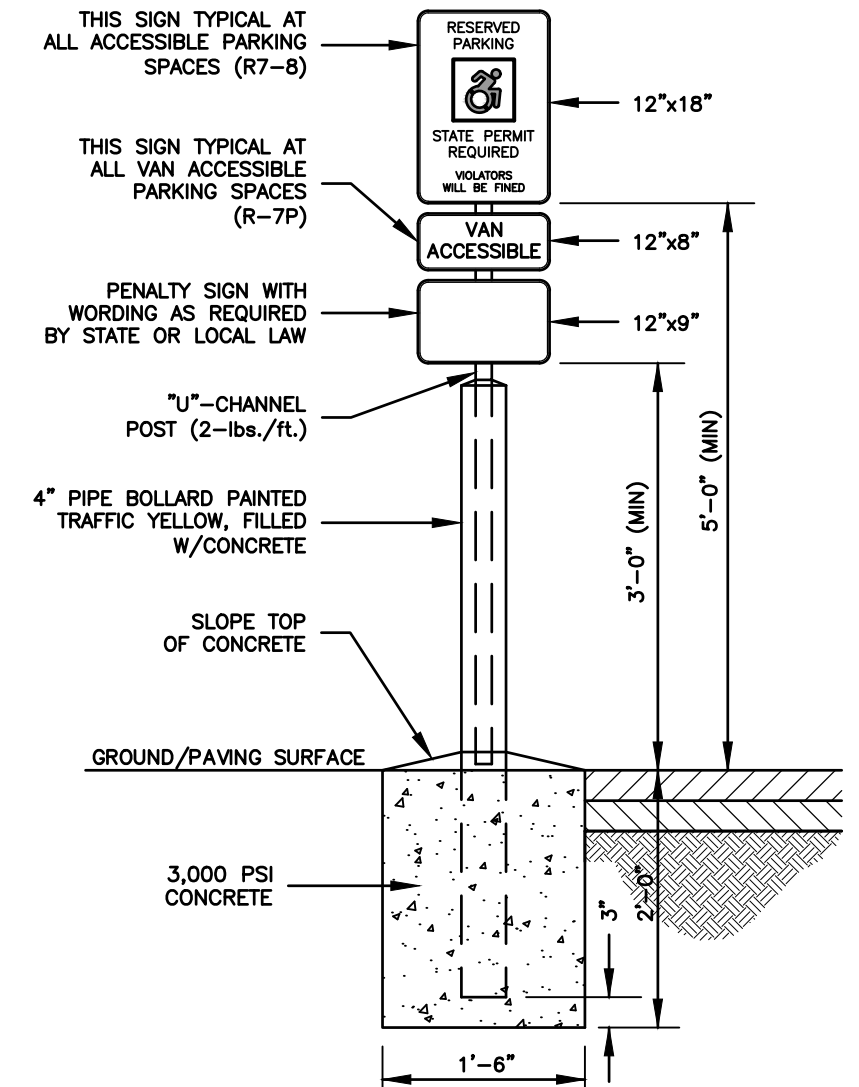
**DESIGN NOTES**

1. CONCRETE, 4000 P.S.I., 28 DAYS.
2. WEIGHT: 195 LBS.
3. REINFORCEMENT: 2 #4 BARS.
4. (2) 3/4" HOLES CAST IN FOR ANCHORING.

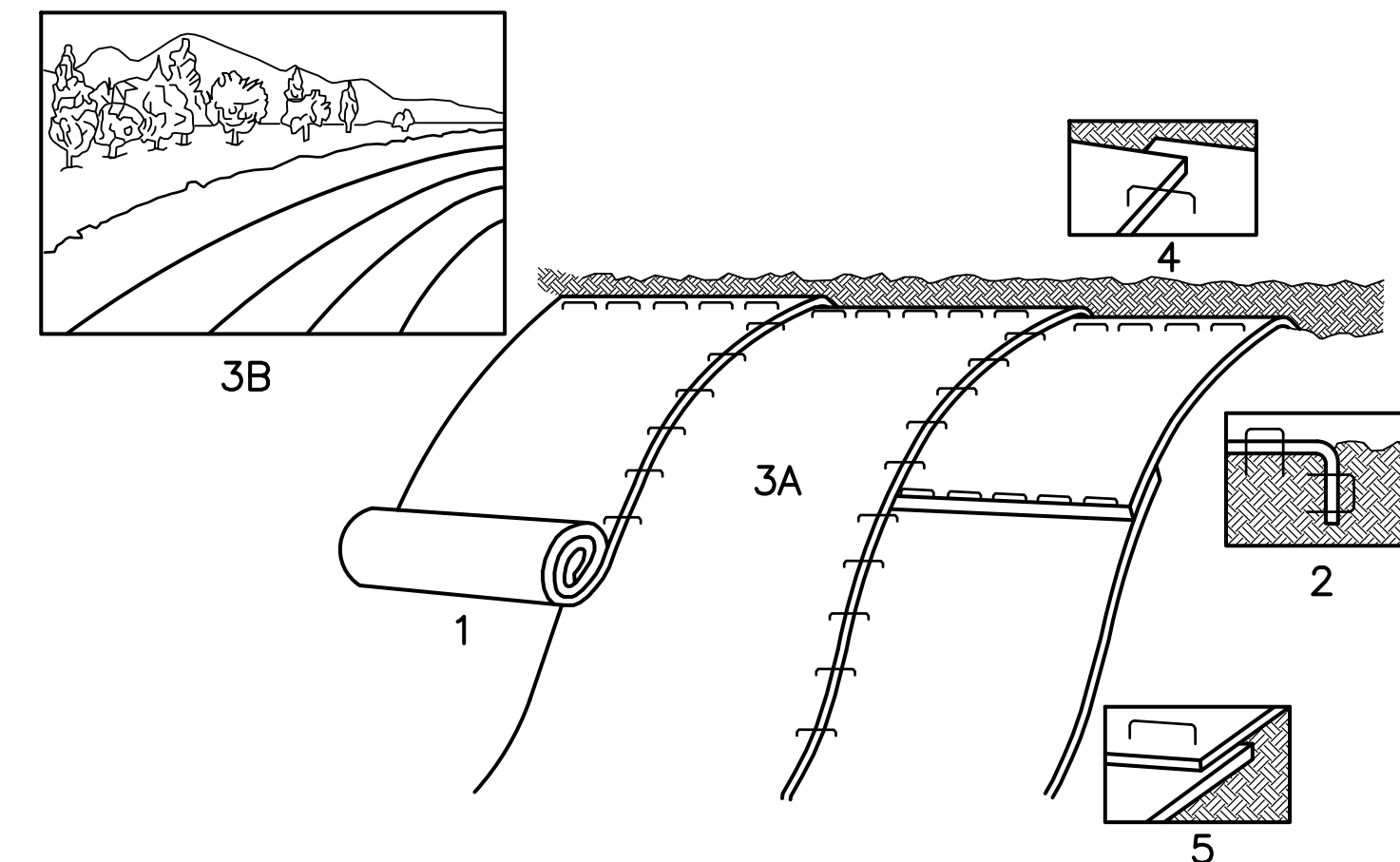
**CONCRETE WHEEL STOP**  
NOT TO SCALE



**ADA ACCESSIBLE PARKING SPACE DETAIL**  
NOT TO SCALE



**ADA ACCESSIBLE PARKING SIGN DETAIL**  
NOT TO SCALE



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP x 6" WIDE TRENCH, BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKET (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.

NOTE: ALL PERMANENT EROSION CONTROL BLANKETS ARE TO BE SYNTHETIC INDUSTRIES "PYRAMAT" OR "LANDLOK TRM 450". ALL TEMP EROSION CONTROL BLANKETS CAN BE JUTE MESH OR EQUAL BIODEGRADABLE MATERIAL. SEE PLANS FOR LOCATIONS OF EACH TYPE TO BE USED AND FINAL DETERMINATION OF WHETHER PERMANENT OR TEMP BLANKETS SHALL BE INSTALLED WILL DEPEND ON THE NATURE AND CHARACTER OF EXPOSED SOIL @ SLOPE SURFACE.

**SLOPE STABILIZATION DETAIL**  
NOT TO SCALE

OWNER: HOMES R US LLC, 93 NORTH BURNHAM HWY, LISBON, CT

No.	DATE	REVISION
5	3/7/23	HEALTH DEP. & TOWN STAFF COMMENTS
4	2/15/23	MISC. REVISIONS
3	2/1/23	HEALTH DEPARTMENT COMMENTS
2	1/16/23	HEALTH DEPARTMENT COMMENTS
1	12/20/22	HEALTH DEPARTMENT COMMENTS

**GREEN SITE DESIGN - LLC**

317 Main Street Norwich, Connecticut  
(860) 892-1380 Fax (860) 886-9165

<p>2 ENTERPRISE LANE, OAKDALE, CT</p> <p><b>PVC DIRECT SITE PLAN</b></p> <p>SITE DETAILS CONTINUED</p>	<p>Project No. GSD 66</p> <p>Proj. Engineer E.M.B</p> <p>Date: 9/14/22</p> <p>Sheet No. <b>6</b></p>
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