

SITE PLAN

BREEZELINE UNCASVILLE CT

TAX MAP 30, BLOCK 89, LOT 00A

689 OLD COLCHESTER ROAD

UNCASVILLE, CONNECTICUT

JANUARY 10, 2023

REV: FEBRUARY 13, 2023

OWNER/APPLICANT ATLANTIC BROADBAND (CT) LLC (BREEZELINE)
2 BATTERYMARCH PARK, SUITE 205
QUINCY, MA 02169

SITE CIVIL ENGINEER CIVILWORKS NEW ENGLAND
CIVIL ENGINEERING
181 Watson Road, P.O. Box 1166
Dover, New Hampshire 03820
(603) 749-0443

LAND SURVEYOR NORTH BY NORTHEAST
SURVEY AND MAPPING CONSULTANTS
183 ROBIN ROAD
GLASTONBURY, CT 06033
(203) 317-0570

ARCHITECT JOHN M. TUTTLE, ARCHITECT #04015
TW DESIGN, LLC
254 DRAKE ROAD
STRAFFORD, NH 03884
(603) 664-2181

<u>SHEET INDEX</u>	<u>SHEET</u>
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n/f
 ROBERT C. ECCLESTON JR
 #715 OLD COLCHESTER ROAD
 VOLUME 610 PAGE 1013
 TAX MAP 30 BLOCK 88 LOT 000

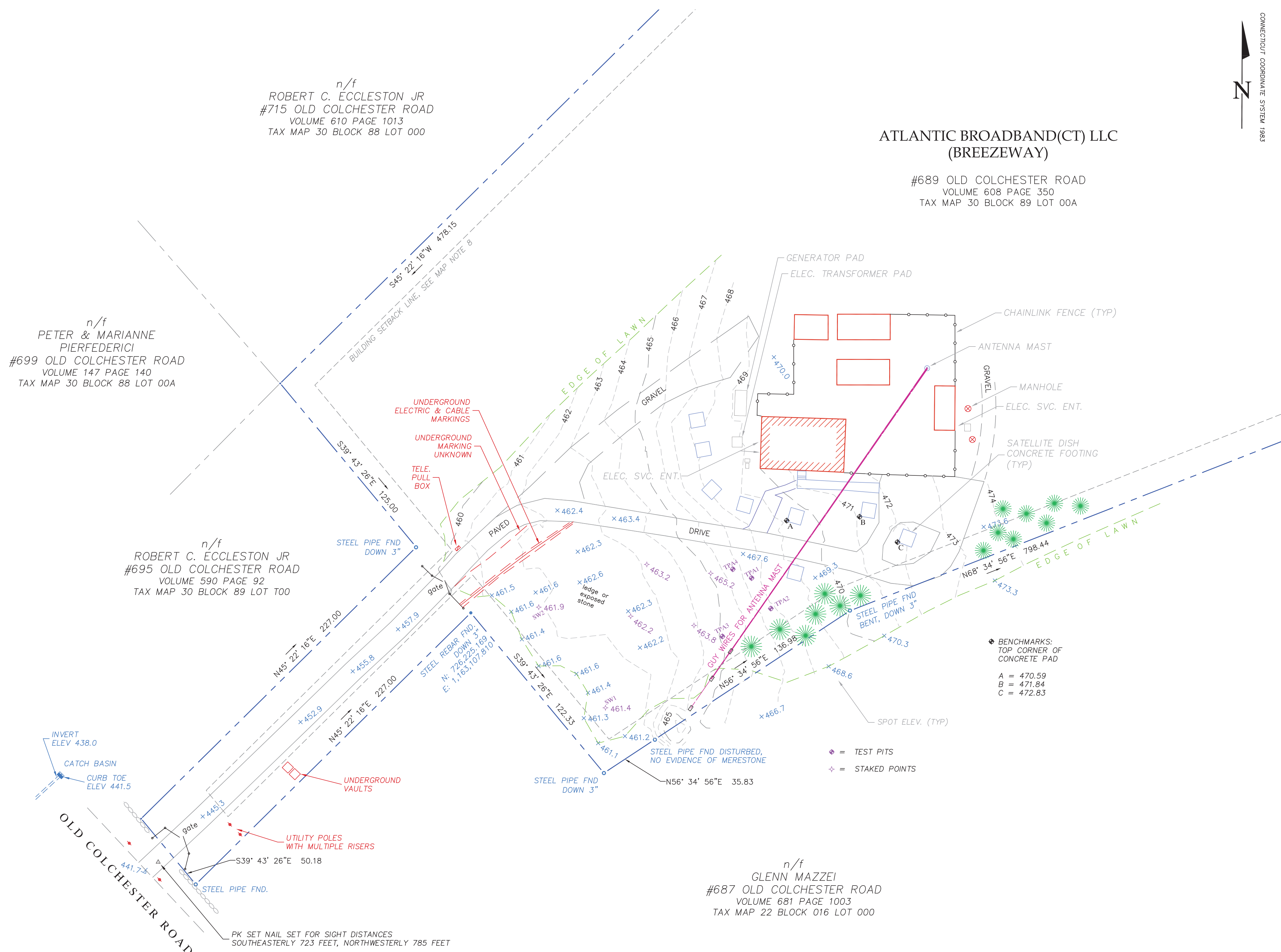
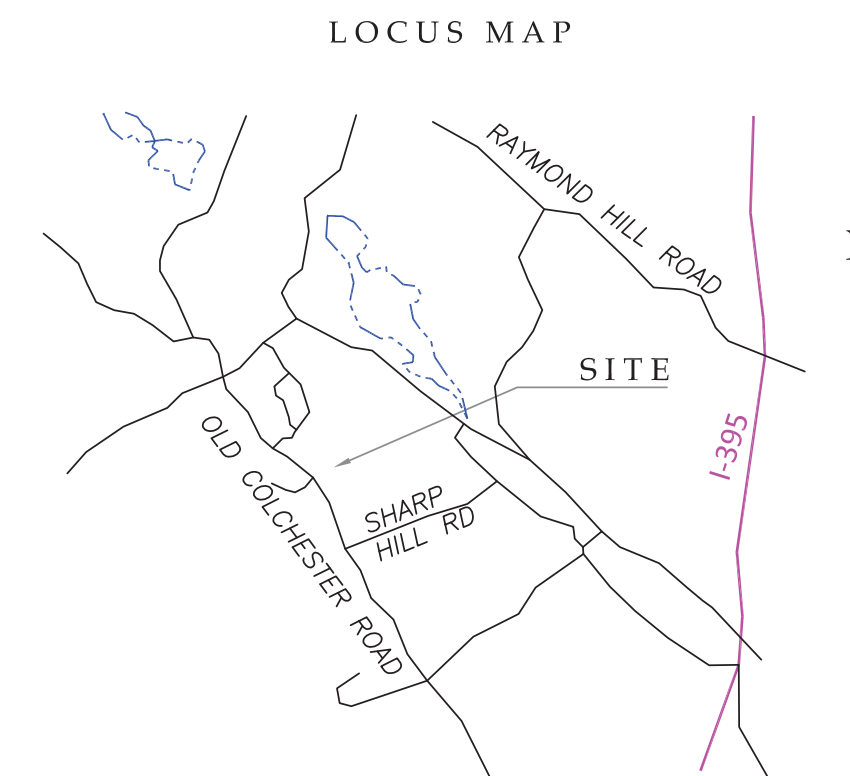
ATLANTIC BROADBAND(CT) LLC
 (BREEZEWAY)

#689 OLD COLCHESTER ROAD
 VOLUME 608 PAGE 350
 TAX MAP 30 BLOCK 89 LOT 00A

n/f
 PETER & MARIANNE
 PIERFEDERICI
 #699 OLD COLCHESTER ROAD
 VOLUME 147 PAGE 140
 TAX MAP 30 BLOCK 88 LOT 00A

n/f
 ROBERT C. ECCLESTON JR
 #695 OLD COLCHESTER ROAD
 VOLUME 590 PAGE 92
 TAX MAP 30 BLOCK 89 LOT T00

n/f
 GLENN MAZZEI
 #687 OLD COLCHESTER ROAD
 VOLUME 681 PAGE 1003
 TAX MAP 22 BLOCK 016 LOT 000



MAP NOTES:

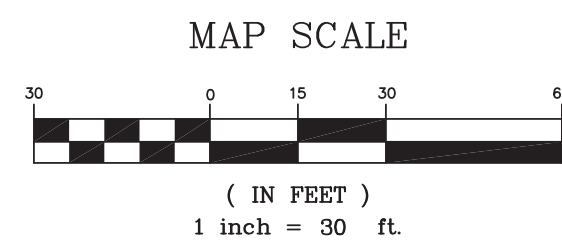
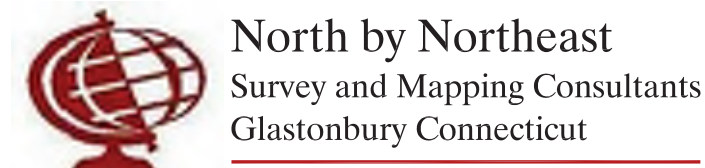
1. THIS MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARD FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS INC. ON SEPTEMBER 26, 1996.
2. THE BOUNDARY DETERMINATION CATEGORY IS RESURVEY.
3. THE INTENT OF THIS MAP IS TO DEPICT TOPOGRAPHIC DETAIL AND BOUNDARY INFORMATION FOR A PROPOSED BUILDING NEAR THE EXISTING BUILDING AND SATELLITE DISHES
4. THE HORIZONTAL DATUM IS THE NORTH AMERICAN DATUM 1983 (NAD83), CONNECTICUT COORDINATE SYSTEM 1983
5. THE VERTICAL DATUM IS NAVD83, CONTOUR INTERVAL IS 1 FOOT
6. TOPOGRAPHIC ACCURACY STANDARD OF T-2
7. THE LOCATION OR EXISTENCE OF UNDERGROUND UTILITIES HAS NOT BEEN VERIFIED.
8. PARCEL IS ZONED R40 WITH THE FOLLOWING BUILDING SETBACKS: FRONT YARD 40FT, SIDE YARD 15FT & REAR YARD 40'.
9. REVISED 12/30/2022 TO INCLUDE TEST PITS, BUILDING STAKES, DRAINAGE AND SIGHT DISTANCES

MAP REFERENCES:

1. "PLAN SHOWING BOUNDARY PORTION OF PROPERTY OF EMILIO & ANGELA BELLUCCI OLD COLCHESTER ROAD MONTVILLE, CONNECTICUT SCALE: 1"=40' SEPTEMBER 1972" BY DECESARE-BENTLEY-WELLING ENGRS. INC. GROTON-NORWICH, CONNECTICUT - M.L.R. MAP NO 390-B

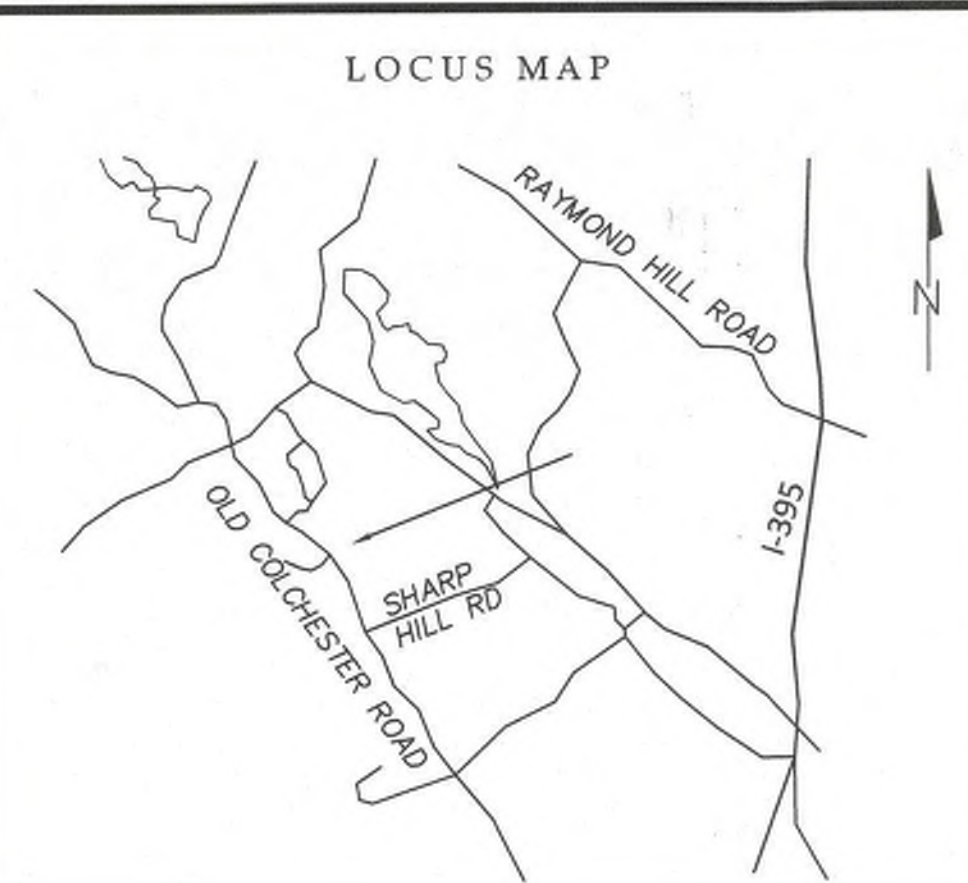
TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

R. Richard Howard
 R. RICHARD HOWARD CT. PLS No.17249



Limited Property &
 Topographic Survey
 for
 Breezeline
 689 Old Colchester Road
 Town of Montville
 New London County
 State of Connecticut

North by Northeast
 Survey and Mapping Consultants
 183 Robin Road, Glastonbury CT.
 December 6, 2022



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 ROBERT C. ECCLESTON JR
 #715 OLD COLCHESTER ROAD
 VOLUME 610 PAGE 1013
 TAX MAP 30 BLOCK 88 LOT 000

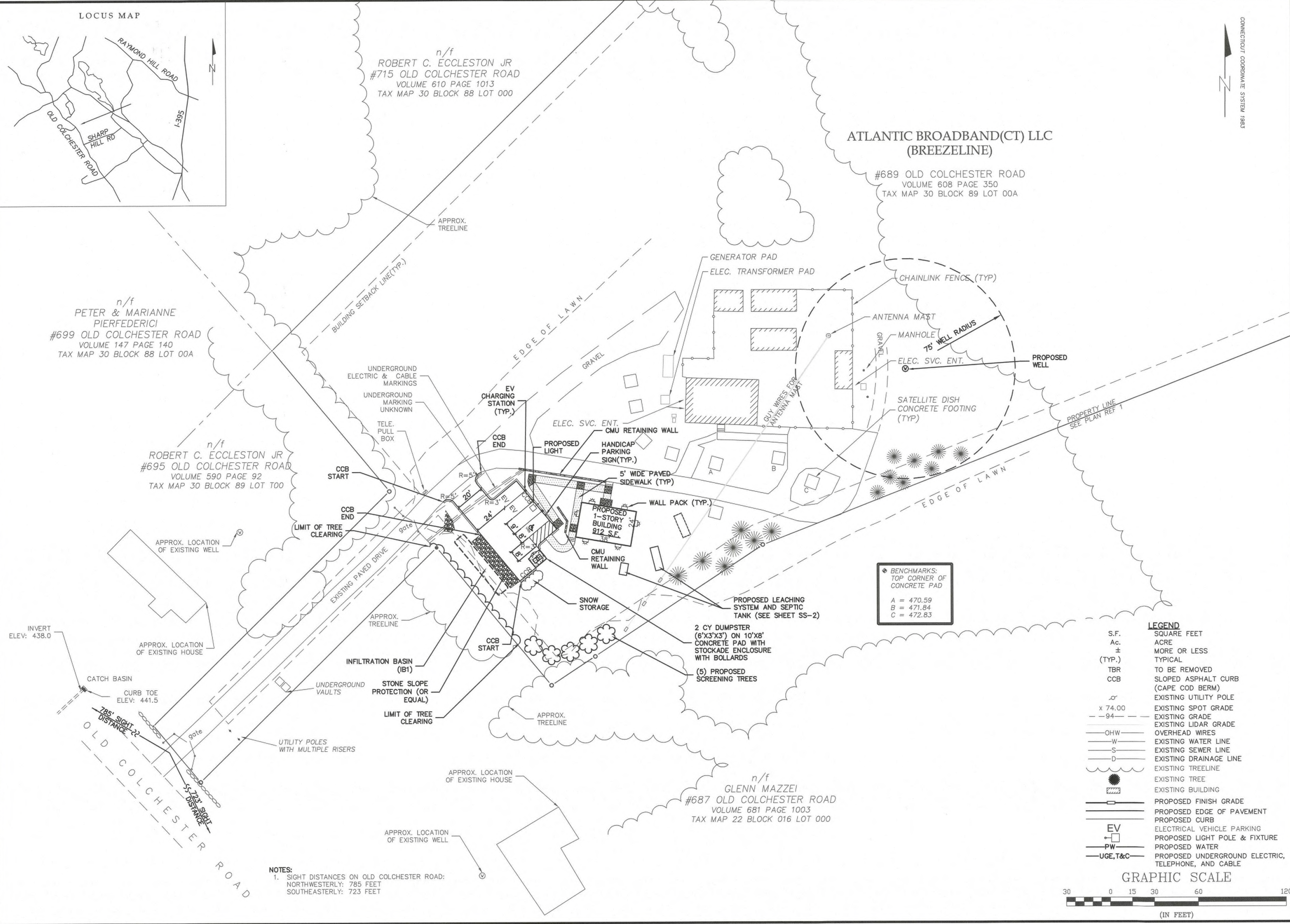
n/f
 PETER & MARIANNE
 PIERFEDERICI
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 VOLUME 147 PAGE 140
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n/f
 ROBERT C. ECCLESTON JR
 #695 OLD COLCHESTER ROAD
 VOLUME 590 PAGE 92
 TAX MAP 30 BLOCK 89 LOT 100

n/f
 GLENN MAZZEI
 #687 OLD COLCHESTER ROAD
 VOLUME 681 PAGE 1003
 TAX MAP 22 BLOCK 016 LOT 000

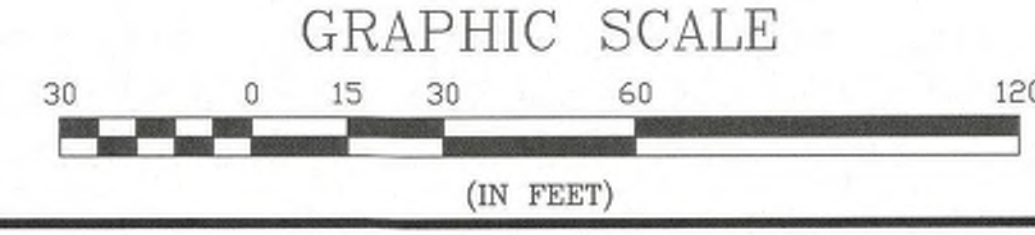
ATLANTIC BROADBAND(CT) LLC
 (BREEZELINE)

#689 OLD COLCHESTER ROAD
 VOLUME 608 PAGE 350
 TAX MAP 30 BLOCK 89 LOT 00A



BENCHMARKS:
 TOP CORNER OF
 CONCRETE PAD
 A = 470.59
 B = 471.84
 C = 472.83

- LEGEND**
- S.F. SQUARE FEET
 - Ac. ACRE
 - ± MORE OR LESS
 - (TYP.) TYPICAL
 - TBR TO BE REMOVED
 - CCB SLOPED ASPHALT CURB (CAPE COD BERM)
 - EXISTING UTILITY POLE
 - x 74.00 EXISTING SPOT GRADE
 - - - 94 - - - EXISTING GRADE
 - EXISTING LIDAR GRADE
 - OHW OVERHEAD WIRES
 - W - EXISTING WATER LINE
 - S - EXISTING SEWER LINE
 - D - EXISTING DRAINAGE LINE
 - EXISTING TREELINE
 - EXISTING TREE
 - EXISTING BUILDING
 - PROPOSED FINISH GRADE
 - PROPOSED EDGE OF PAVEMENT
 - PROPOSED CURB
 - EV ELECTRICAL VEHICLE PARKING
 - PW PROPOSED LIGHT POLE & FIXTURE
 - PROPOSED WATER
 - UGE, T&C PROPOSED UNDERGROUND ELECTRIC, TELEPHONE, AND CABLE

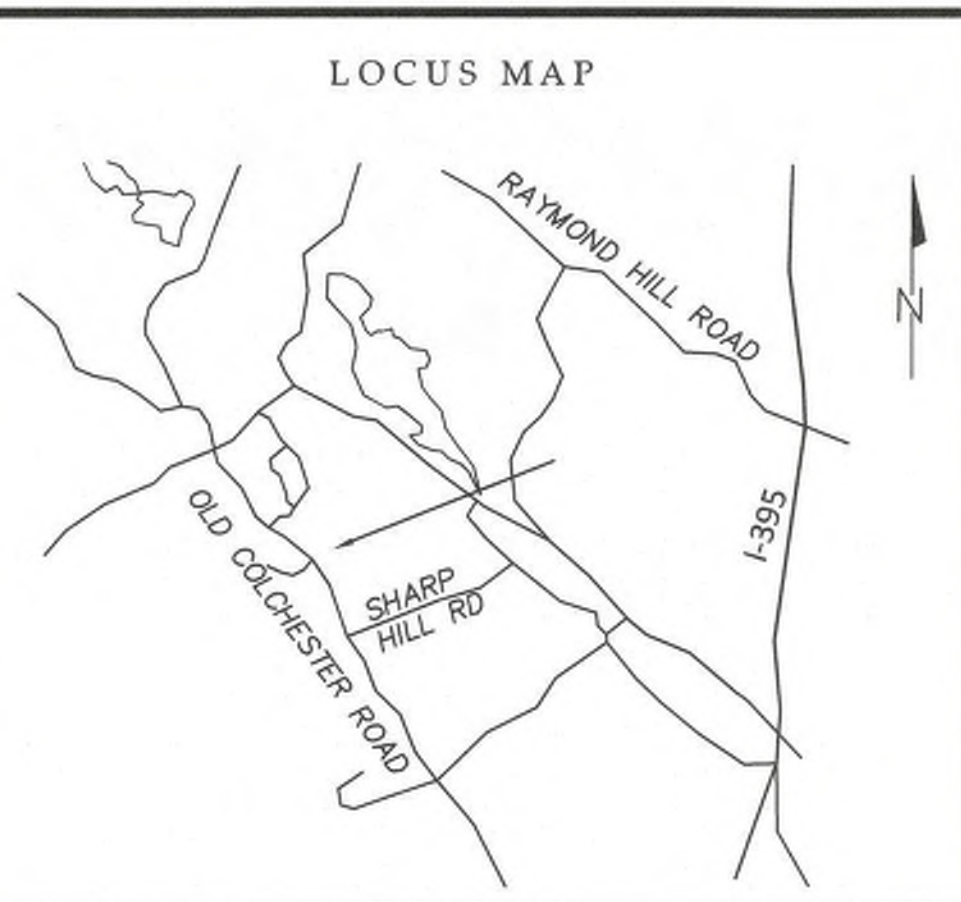


NOTES:
 1. SIGHT DISTANCES ON OLD COLCHESTER ROAD:
 NORTHWESTERLY: 785 FEET
 SOUTHEASTERLY: 723 FEET



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DATE: 1-10-23	NO.
SCALE: 1"=30'	NO.
DRAWN BY: MAM	NO.
DESIGN BY: MEB	NO.
APPROVED BY: JPC	NO.
PROJECT NO: 22102	NO.
FILE: 22102-SITE	NO.
REV PER RESPONSE TO COMMENTS	JPC
2-13-23	DATE
APPD	REVISION
CIVILWORKS NEW ENGLAND 181 Water Street, PO Box 1168 Dover, New Hampshire 03821 Phone: 603.749.0443	
ATLANTIC BROADBAND (CT) LLC 689 OLD COLCHESTER ROAD UNCASVILLE, CT	
BREEZELINE UNCASVILLE CT 689 OLD COLCHESTER ROAD UNCASVILLE, CT	
4	

SITE PLAN



n/f
ROBERT C. ECCLESTON JR
 #715 OLD COLCHESTER ROAD
 VOLUME 610 PAGE 1013
 TAX MAP 30 BLOCK 88 LOT 000

PLAN REFERENCE:
 1. "LIMITED PROPERTY & TOPOGRAPHIC SURVEY" PREPARED FOR: ATLANTIC BROADBAND (CT) LLC., TAX MAP 30 BLOCK 89 LOT 00A, 689 OLD COLCHESTER ROAD, TOWN OF MONTVILLE, COUNTY OF NEW LONDON, STATE OF CONNECTICUT, DATED: 12-6-22, PREPARED BY: NORTH BY NORTHEAST SURVEY AND MAPPING CONSULTANTS.
 2. OUTSIDE OF LIMIT OF SURVEY TOPOGRAPHIC DATA TAKEN FROM NOAA DIGITAL COAST: DATA ACCESS VIEWER: 2016 CRCOG LIDAR: CONNECTICUT STATEWIDE.

CONNECTICUT COORDINATE SYSTEM 1983

ATLANTIC BROADBAND (CT) LLC
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SHARP CRESTED CUSTOM WEIR
 W/ 3"x11" SLOT
 INV. OUT=461.30
 W/ 6"x14" RIPRAP SPLASH PAD
 .50 6" ON GEOTEXTILE
 W/ 1"x14" CONCRETE LEVEL SPREADER
 ELEV: 461.00

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24" DIA NYLOPLAST DOME GRATE
 RIM=461
 GRADE TO DRAIN DOWN SOUTH SIDE OF DRIVEWAY
 (DO NOT REDUCE COVER OVER EXISTING UTILITIES)

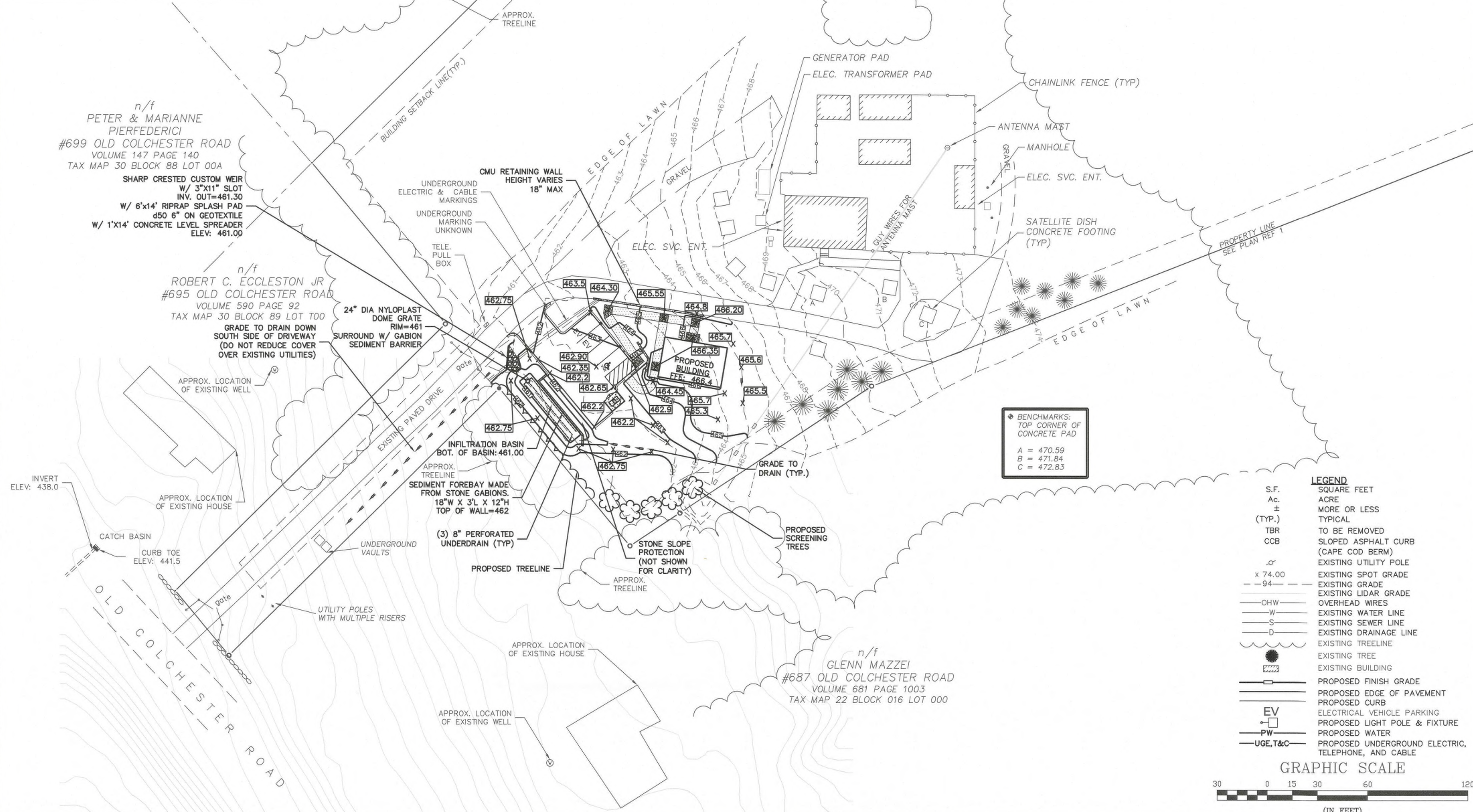
CMU RETAINING WALL
 HEIGHT VARIES 18" MAX

UNDERGROUND ELECTRIC & CABLE MARKINGS
 UNDERGROUND MARKING UNKNOWN

SEDIMENT FOREBAY MADE FROM STONE GABIONS.
 18"W X 3'L X 12"H
 TOP OF WALL=462

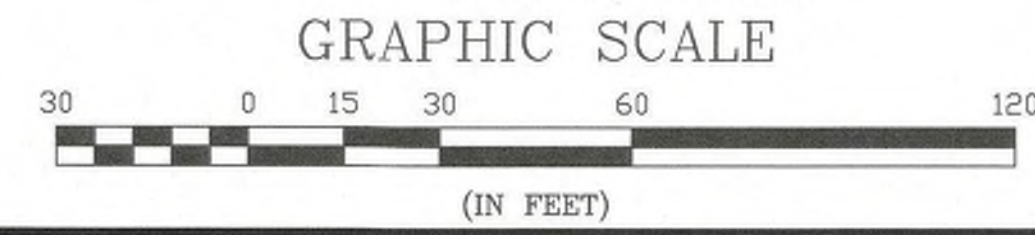
(3) 8" PERFORATED UNDERDRAIN (TYP)

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 #687 OLD COLCHESTER ROAD
 VOLUME 681 PAGE 1003
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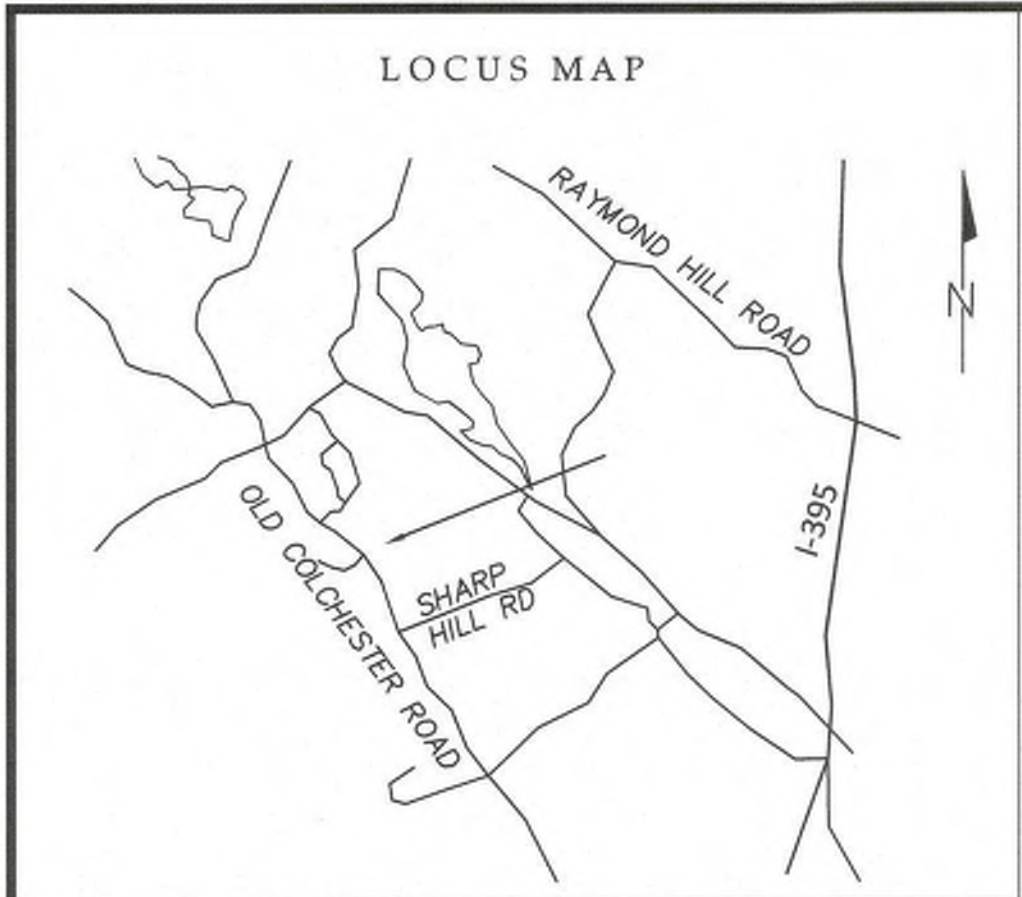


BENCHMARKS:
 TOP CORNER OF CONCRETE PAD
 A = 470.59
 B = 471.84
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- LEGEND**
- S.F. SQUARE FEET
 - Ac. ACRE
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 - TBR TO BE REMOVED
 - CCB SLOPED ASPHALT CURB (CAPE COD BERM)
 - EXISTING UTILITY POLE
 - x 74.00 EXISTING SPOT GRADE
 - 94 - EXISTING GRADE
 - EXISTING LIDAR GRADE
 - OHW OVERHEAD WIRES
 - W - EXISTING WATER LINE
 - S - EXISTING SEWER LINE
 - D - EXISTING DRAINAGE LINE
 - EXISTING TREELINE
 - EXISTING TREE
 - EXISTING BUILDING
 - PROPOSED FINISH GRADE
 - PROPOSED EDGE OF PAVEMENT
 - PROPOSED CURB
 - EV ELECTRICAL VEHICLE PARKING
 - PW PROPOSED WATER
 - UGE, T&C PROPOSED UNDERGROUND ELECTRIC, TELEPHONE, AND CABLE



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DATE: 1-10-23	DATE
SCALE: 1"=30'	APPD
DRAWN BY: MAM	REVISION
DESIGN BY: MEB	NO.
APPROVED BY: JPC	1
PROJECT NO: 22102	REV PER RESPONSE TO COMMENTS
FILE: 22102-SITE	
<p style="text-align: center;">ATLANTIC BROADBAND (CT) LLC 689 OLD COLCHESTER ROAD UNCASVILLE, CT</p>	
<p style="text-align: center;">BREEZELINE UNCASVILLE CT 689 OLD COLCHESTER ROAD UNCASVILLE, CT</p>	
<p>GRADING & DRAINAGE PLAN</p>	
<p>5</p>	



n/f
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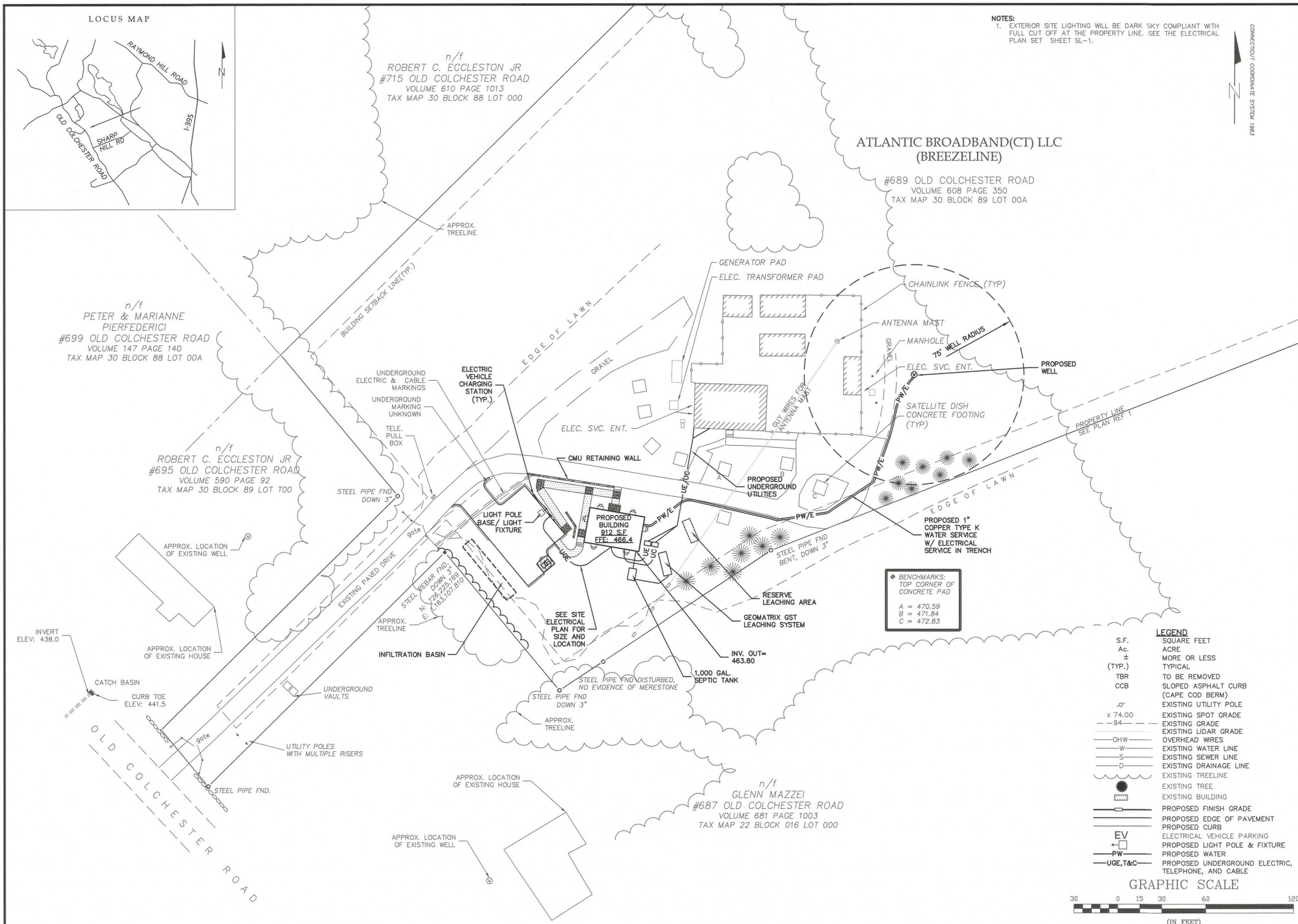
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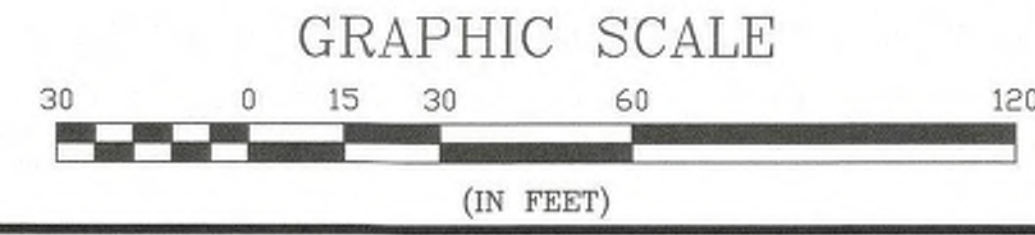
NOTES:
1. EXTERIOR SITE LIGHTING WILL BE DARK SKY COMPLIANT WITH FULL CUT OFF AT THE PROPERTY LINE. SEE THE ELECTRICAL PLAN SET SHEET SL-1.



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-OH-	OVERHEAD WIRES
-W-	EXISTING WATER LINE
-S-	EXISTING SEWER LINE
-D-	EXISTING DRAINAGE LINE
- - -	EXISTING TREELINE
(Tree symbol)	EXISTING TREE
(Building symbol)	EXISTING BUILDING
(Solid line)	PROPOSED FINISH GRADE
(Dashed line)	PROPOSED EDGE OF PAVEMENT
(Line with hatching)	PROPOSED CURB
(Box with 'EV')	ELECTRICAL VEHICLE PARKING
(Box with 'PW')	PROPOSED LIGHT POLE & FIXTURE
(Line with 'PW')	PROPOSED WATER
(Line with 'UE, T&C')	PROPOSED UNDERGROUND ELECTRIC, TELEPHONE, AND CABLE



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181 Watson Road, PO Box 1186
Dover, New Hampshire 03821
603.746.0443

DATE	SCALE	DRAWN BY	DESIGN BY	APPROVED BY	PROJECT NO.	FILE	NO.	REVISION	DATE
1-10-23	1"=30'	MJM	MEB	JPC	22102	22102-SITE	1	REV PER RESPONSE TO COMMENTS	2-13-23

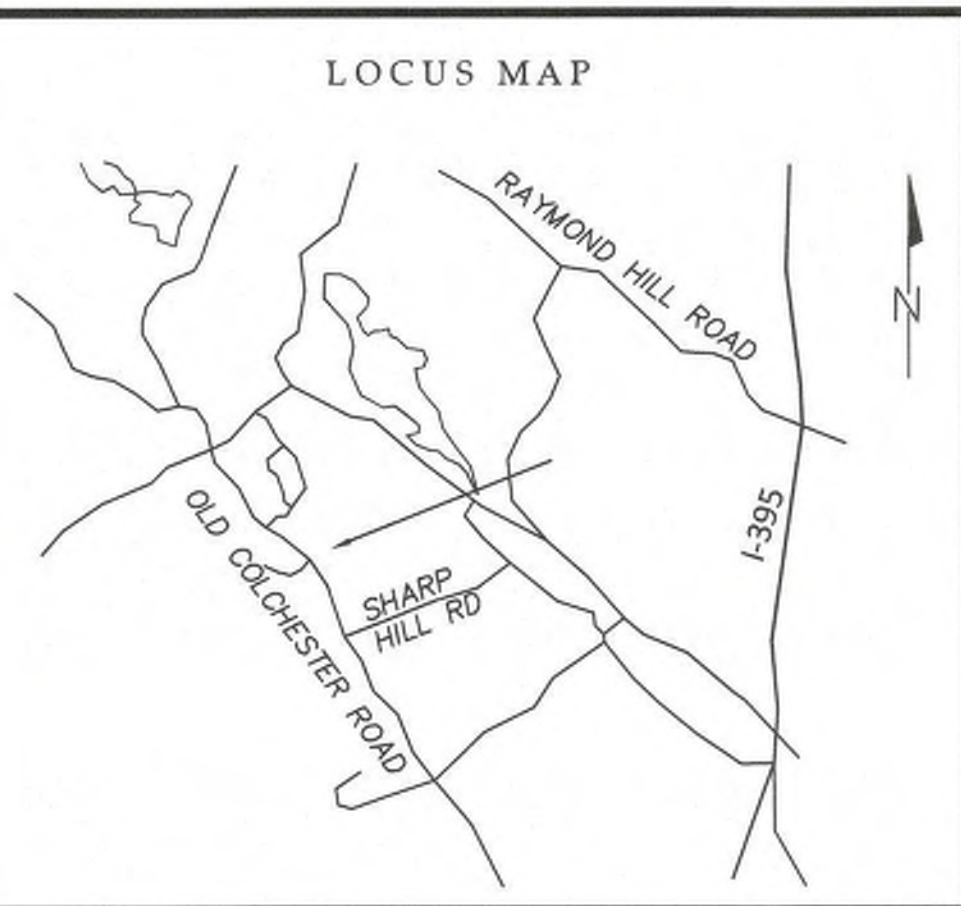
STATE OF CONNECTICUT
REGISTRATION CASE NO. 111
NO. 22058
LICENSED PROFESSIONAL ENGINEER

ATLANTIC BROADBAND (CT) LLC
689 OLD COLCHESTER ROAD
UNCASVILLE, CT

BREEZELINE UNCASVILLE CT
689 OLD COLCHESTER ROAD
UNCASVILLE, CT

UTILITY PLAN

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n/f
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 TAX MAP 30 BLOCK 88 LOT 000

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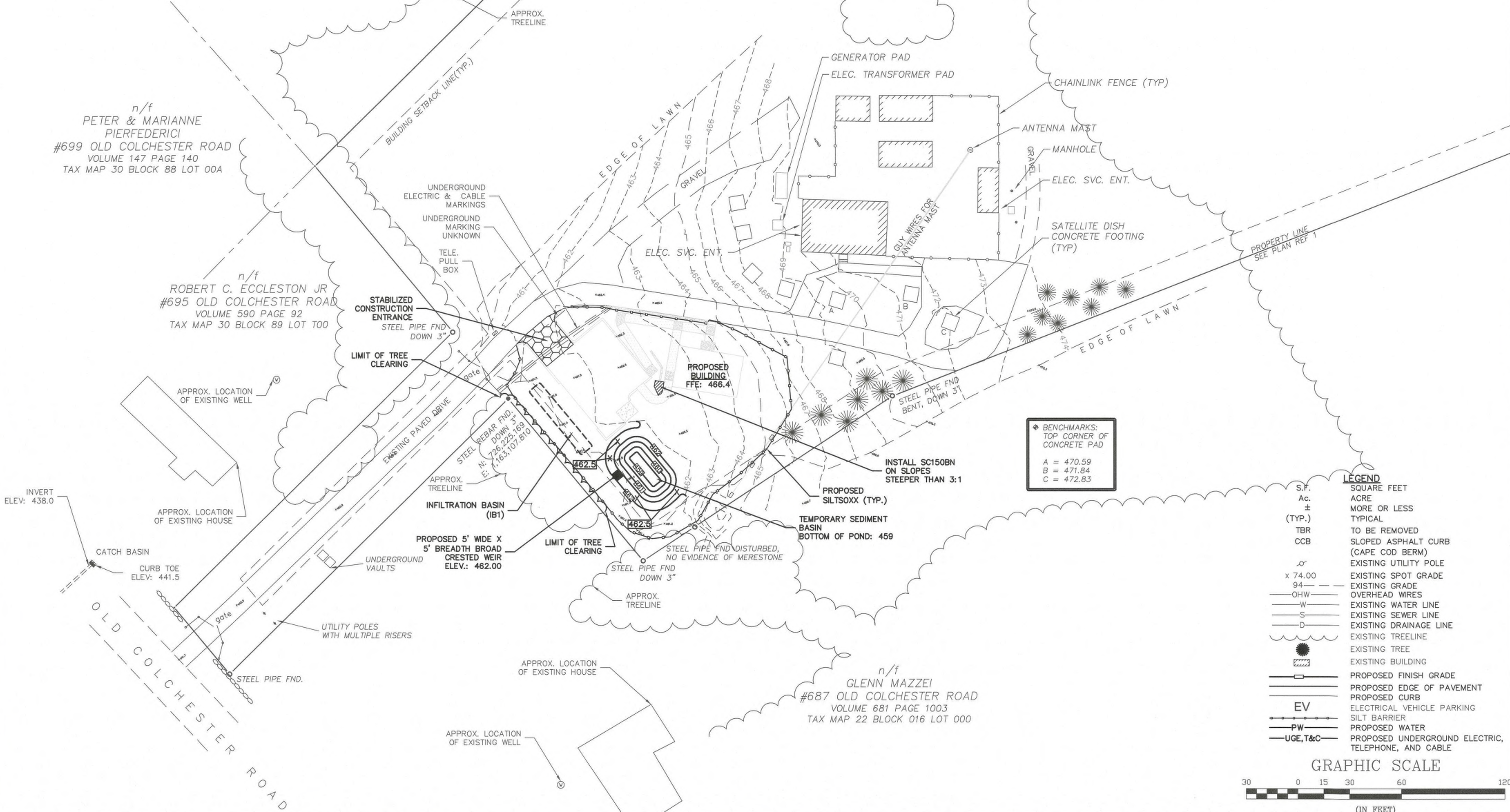
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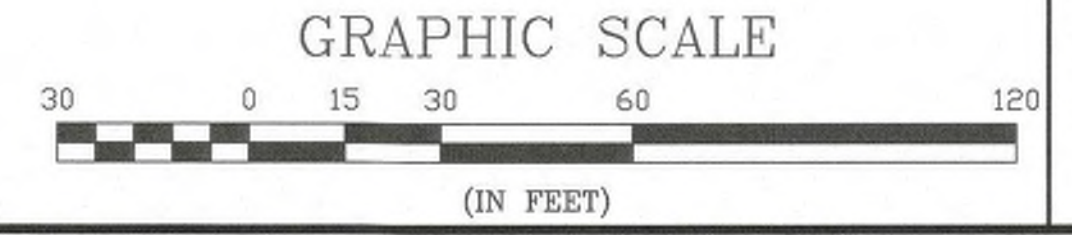
n/f
 GLENN MAZZEI
 #687 OLD COLCHESTER ROAD
 VOLUME 681 PAGE 1003
 TAX MAP 22 BLOCK 016 LOT 000

NOTES:
 1. PROPOSED SILT SOXX BOUNDARY REPRESENTS
 LIMIT OF DISTURBANCE: 14,804 S.F.
 SEDIMENT BASIN CALCULATION:
 SEDIMENT STORAGE = 3,600 CF/ ACRE DRAINING TO BASIN
 AREA DRAINING TO BASIN: 22,000 SF OR 0.5 ACRES
 REQUIRED: 1,800 CF
 PROVIDED: 1,906 CF



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1-10-23	1"=30'	MJM	MEB	BY:JPC	22102						

DATE: 1-10-23
 SCALE: 1"=30'
 DRAWN BY: MJM
 DESIGN BY: MEB
 APPROVED BY: JPC
 PROJECT NO: 22102
 FILE: 22102-SITE

1 REV PER RESPONSE TO COMMENTS

CIVILWORKS NEW ENGLAND
 CIVIL & ENVIRONMENTAL ENGINEERING
 181 Watson Road, PO Box 1196
 Dover, New Hampshire 03821
 603.746.0443

EROSION & SEDIMENT CONTROL PLAN

ATLANTIC BROADBAND (CT) LLC
 689 OLD COLCHESTER ROAD
 UNCASVILLE, CT

BREEZELINE UNCASVILLE CT
 689 OLD COLCHESTER ROAD
 UNCASVILLE, CT

2

EROSION CONTROL NOTES

SEDIMENT & EROSION CONTROL NARRATIVE

THE SEDIMENT AND EROSION CONTROL PLAN WAS DEVELOPED TO PROTECT THE EXISTING ROADWAY AND STORM DRAINAGE SYSTEMS, AND ADJACENT PROPERTIES FROM SURFACE RUNOFF AND EROSION. A CONSTRUCTION SEQUENCE IS PROVIDED TO PROVIDE SURFACE RUNOFF CONTROLS PRIOR TO THE PROJECT CONSTRUCTION BEGINNING.

CONSTRUCTION SCHEDULE

APPROPRIATE EROSION CONTROL MEASURES AS DESCRIBED HEREIN, SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ALL CONSTRUCTION ACTIVITY.

CONTINGENCY EROSION PLAN

THE CONTRACTOR SHALL INSTALL ALL SPECIFIED EROSION CONTROL MEASURES AND WILL BE REQUIRED TO MAINTAIN THEM IN THEIR INTENDED FUNCTIONING CONDITION. THE AGENTS OF THE DIRECTOR OF PLANNING & DEVELOPMENT, INLAND WETLANDS AGENCY, TOWN ENGINEER, AND/OR SITE ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE SUPPLEMENTAL MAINTENANCE OR ADDITIONAL MEASURES IF FIELD CONDITIONS ARE ENCOUNTERED BEYOND WHAT WOULD NORMALLY BE ANTICIPATED.

CONSTRUCTION SEQUENCE

THE FOLLOWING CONSTRUCTION SEQUENCE IS RECOMMENDED:

1. CONTACT TOWN ZONING ENFORCEMENT OFFICER AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION OR REGULATED ACTIVITY ON THIS PROJECT. A PRE MEETING WITH LOCAL AND/OR STATE OFFICIALS NEEDS TO BE HELD PRIOR TO THE START OF CONSTRUCTION.
2. CLEARING LIMITS SHALL BE PHYSICALLY MARKED IN THE FIELD AND APPROVED PRIOR TO THE START OF WORK ON THE SITE. INSTALL TREE PROTECTION AND PERIMETER SILT FENCE & HAY BALE SEDIMENT BARRIERS.
3. CONSTRUCT TRACKING PAD AT ENTRANCES AND WRAP FILTER FABRIC AROUND GRATE OF CATCH BASINS OR INSTALL SILT SACKS ON CATCH BASIN INLETS ON OFF SITE ROADS. INSTALL SILT FENCE AT PERIMETER OF PROPOSED SITE DISTURBANCE. ALL EROSION CONTROL MEASURES AND TREE PROTECTION INDICATED ON THESE PLANS. INSTALL SEDIMENT TRAPS AND INSTALL SEDIMENT BASINS IN REQUIRED AT LOW AREAS OF SITE OR AS ORDERED BY THE ENGINEER OR AS SHOWN ON THESE PLANS.
4. CLEAR AND GRUB SITE. STOCK PILE CHIPS. STRIP AND STOCKPILE TOPSOIL. REMOVE EXISTING BITUMINOUS PAVEMENT.
5. INSTALL ADDITIONAL SILT FENCE AS REQUIRED, CONSTRUCT TEMPORARY DIVERSION BERMS AND AND SEDIMENT TRAPS.
6. INSTALL NEW RETAINING WALL AND SECTION OF STORM DRAINAGE OUTLET PIPE.
7. CONTINUE EARTHWORK. INSTALL ADDITIONAL EROSION CONTROL AS REQUIRED. TOPSOIL AND SEED SLOPES WHICH HAVE ACHIEVED FINAL SITE GRADING.
8. CONSTRUCTION STAKING OF ALL BUILDING CORNERS, UTILITIES, ACCESS DRIVES, AND PARKING AREAS.
9. ROUGH GRADING, THEN START THE INSTALLATION OF THE RETAINING WALL.
10. INSTALLATION OF REMAINING STORM DRAINAGE.
11. FOUNDATION CONSTRUCTION. BEGIN SUPERSTRUCTURE.
12. REMOVE SEDIMENT FROM BEHIND SILT FENCES, AND FROM SEDIMENTATION BASINS AS REQUIRED. REMOVAL SHALL BE ON A PERIODIC BASIS (EVERY SIGNIFICANT RAINFALL). INSPECTION OF EROSION CONTROL MEASURES SHALL BE ON A WEEKLY BASIS. SEDIMENT COLLECTED SHALL BE DEPOSITED AND SPREAD EVENLY UPLAND ON SLOPES DURING CONSTRUCTION.
13. INSTALL SANITARY SEWER SYSTEM, WELL, WATER SERVICE, AND ALL OTHER UTILITIES. COMPLETE STORM SEWERS.
14. INSTALL SITE LIGHTING.
15. FINISH GRADING AND CONSTRUCT PARKING AREA SUBGRADE.
16. CONSTRUCT SIDEWALKS AND SITE CONCRETE AREAS.
17. PAVING OF PARKING AREAS AND DRIVEWAYS
18. FINAL GRADING OF SLOPE AREAS.
19. PLACE 4" TOPSOIL ON SLOPES AFTER FINAL GRADING IS COMPLETED. FERTILIZE SEED AND MULCH. SEED MIXTURE TO BE INSTALLED APRIL 11 TO JUNE 1 OR AUGUST 15 TO OCTOBER 1. USE EROSION CONTROL BLANKETS AS REQUIRED OR ORDERED FOR SLOPES GREATER THAN 3:1. FOR TEMPORARY STABILIZATION BEYOND SEEDING DATES USE ANNUAL RYE AT 4.0 LBS/1,000 S.F. FERTILIZE WITH 10-10-10 AT 1.0 LBS. OF NITROGEN PER 1,000 S.F. AND LIME AT 100 LBS/1,000 S.F. (MAX).
20. CONSTRUCT STORM WATER QUALITY BASIN AND FINAL OUTLET.
21. LANDSCAPE ISLANDS AND PERIMETER AREAS. INSTALL SIGNING AND PAVEMENT MARKINGS.
22. UPON DIRECTION OF THE TOWN, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED FOLLOWING STABILIZATION OF THE SITE.

SEQUENCE OF OPERATIONS

OPERATION I – CLEARING AND GRUBBING

1. ALL SEDIMENTATION AND EROSION CONTROL MEASURES, INCLUDING THE CONSTRUCTION OF THE TEMPORARY SEDIMENT TRAPS AND ANTI-TRACKING PADS, WILL BE INSTALLED PRIOR TO THE START OF CLEARING AND GRUBBING AND DEMOLITION OPERATIONS.
2. FOLLOWING INSTALLATION OF ALL SEDIMENTATION AND EROSION CONTROL MEASURES, THE CONTRACTOR SHALL NOT PROCEED WITH OPERATION II UNTIL THE ENGINEER HAS INSPECTED AND APPROVED ALL INSTALLATIONS.
3. THE CONTRACTOR SHALL TAKE EXTREME CARE DURING OPERATION I, SO AS NOT TO DISTURB UNPROTECTED WETLAND AREAS OR SEDIMENTATION AND EROSION CONTROL STRUCTURES.

OPERATION II – ROUGH GRADING

1. DURING THE REMOVAL AND/OR PLACEMENT OF EARTH AS INDICATED ON THE SITE PLAN, TOPSOIL SHALL BE STRIPPED AND APPROPRIATELY STOCKPILED FOR REUSE.
2. ALL STOCKPILED TOPSOIL SHALL BE SEEDED, MULCHED WITH HAY, AND ENCLOSED BY A SILTATION FENCE.

OPERATION III – FILLING

1. PRIOR TO FILLING, ALL SEDIMENTATION AND EROSION CONTROL STRUCTURES SHALL BE PROPERLY IMPLEMENTED, MAINTAINED AND FULLY INSTALLED, AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THIS PLAN.
2. ALL FILL MATERIAL ADJACENT TO ANY WETLAND AREAS SHALL BE GOOD QUALITY, WITH LESS THAN 5% FINES PASSING THROUGH A #200 SIEVE (BANK RUN). SHALL BE PLACED IN MAXIMUM ONE FOOT LIFTS, AND SHALL BE COMPACTED TO 95% MAX. DRY DENSITY MODIFIED PROCTOR OR AS SPECIFIED IN CONTRACT SPECIFICATIONS.
3. AS GENERAL GRADING OPERATIONS PROGRESS, THE TEMPORARY DIVERSION DITCHES SHALL BE RAISED OR LOWERED, AS NECESSARY, TO DIVERT SURFACE RUNOFF TO THE BASINS.

OPERATION IV – PLACEMENT OF DRAINAGE STRUCTURES, UTILITIES, AND BUILDING CONSTRUCTION.

1. STAKED SILT FENCES SHALL BE INSTALLED AT THE DOWNHILL SIDES OF BUILDING EXCAVATIONS, DEWATERING PUMP DISCHARGES, AND UTILITY TRENCH MATERIAL STOCKPILES.

OPERATION V – FINAL GRADING AND PAVING

1. ALL INLET AND OUTLET PROTECTION SHALL BE PLACED AND MAINTAINED AS DISCUSSED IN OPERATION IV.
2. NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY ROCK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS, JUTE MESH AND VEGETATION. ALL SLOPES SHALL BE SEEDED, AND THE ROAD SHOULDER AND BANKS WILL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS ESTABLISHED.
3. PAVEMENT BASE COURSES SHALL BE INSTALLED OVER AREAS TO BE PAVED AS SOON AS FINAL SUB-GRADES ARE ESTABLISHED AND UNDERGROUND UTILITIES HAVE BEEN INSTALLED.
4. CONSTRUCT PAVEMENT, PLACE TOPSOIL, FINAL SEED, MULCH AND LANDSCAPING.
5. REMOVE ALL TEMPORARY EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE BEEN PAVED AND/OR GRASS HAS BEEN WELL ESTABLISHED AND THE SITE HAS BEEN INSPECTED AND APPROVED BY THE TOWN OR GOVERNING WETLAND AGENCY.

SEQUENCE FOR INSTALLATION OF SOIL EROSION & SEDIMENTATION CONTROL MEASURES.

PHASE 1

1. ERECT SILTATION FENCES, SEDIMENT TRAPS, DIVERSION DITCHES, AND ANTI-TRACKING PAD.
2. STRIP TOPSOIL AND STOCKPILE.
3. PERFORM CLEARING AND GRUBBING ACTIVITIES, AND DEMOLITION.
4. STABILIZE STOCK PILE.

PHASE 2

1. INSPECT AND MAINTAIN SEDIMENTATION AND EROSION CONTROL STRUCTURES.
2. ROUGH GRADING.

PHASE 3

1. INSPECT AND MAINTAIN SEDIMENTATION AND EROSION CONTROL STRUCTURES.
2. PERFORM FILLING ACTIVITIES.

PHASE 4

1. INSPECT AND MAINTAIN SEDIMENTATION AND EROSION CONTROL STRUCTURES.
2. CONSTRUCT DRAINAGE STRUCTURES. CONSTRUCT DIVERSION BERMS, RIP RAPPED LINED DITCHES AND SEDIMENTATION BASINS.

PHASE 5

1. INSPECT AND MAINTAIN SEDIMENTATION AND EROSION CONTROL STRUCTURES.
2. PERFORM FINAL GRADING AND PAVING.

PHASE 6

1. INSPECT AND MAINTAIN SEDIMENTATION AND EROSION CONTROL STRUCTURES.
2. RESPREAD TOPSOIL.

PHASE 7

3. LIME, FERTILIZE, AND SEED.
4. MULCH.
5. FINAL COVER.

PHASE 8

1. MAINTAIN SILTATION FENCES UNTIL COVER IS COMPLETELY STABILIZED.
2. PERFORM FINAL INSPECTION.
3. REMOVE SILTATION FENCES, CLEAN, AND RESTORE ALL AREAS.

INSTALLATION OF SEDIMENTATION AND EROSION CONTROL MEASURES

I. SILTATION FENCE

- A. DIG A SIX INCH TRENCH ON THE UPHILL SIDE OF THE DESIGNATED FENCE LINE LOCATION.
- B. POSITION THE POST AT THE BACK OF THE TRENCH (DOWNHILL SIDE), AND HAMMER THE POST AT LEAST 1.5 FEET INTO THE GROUND.
- C. LAY THE BOTTOM SIX INCHES OF THE FABRIC IN THE TRENCH TO PREVENT UNDERMINING BY STORM WATER RUN-OFF.
- D. BACKFILL THE TRENCH AND COMPACT.

OPERATION AND MAINTENANCE OF SEDIMENTATION AND EROSION CONTROL MEASURES

I. SILTATION FENCE

- A. ALL SILTATION FENCES SHALL BE INSPECTED AS A MINIMUM WEEKLY OR AFTER EACH RAINFALL. ALL DETERIORATED FABRIC AND DAMAGED POSTS SHALL BE REPLACED AND PROPERLY REPOSITIONED IN ACCORDANCE WITH THIS PLAN.
- B. SEDIMENT DEPOSITS SHALL BE REMOVED FROM BEHIND THE FENCE WHEN THEY EXCEED A HEIGHT OF ONE FOOT.
- II. SEDIMENT TRAPS/BASINS
- A. CONTRACTOR TO KEEP WEEKLY CHECKLIST LOGS FOR INSPECTIONS OF ALL SEDIMENT AND EROSION CONTROL DEVICES AND HAVE THEM READILY AVAILABLE ON-SITE AT ALL TIMES FOR INSPECTION BY DEEP, LOCAL AUTHORITIES OR ENGINEER.
- B. ALL PONDS SHALL BE INSPECTED FOLLOWING EACH RAINFALL. REPAIR OF SLOPES SHALL BE PROMPTLY MADE AS NEEDED.
- C. SEDIMENT DEPOSITS SHALL BE REMOVED FROM PONDS WHEN THEY EXCEED A HEIGHT OF ONE FOOT.
- D. SEDIMENT SHALL BE DISPOSED OF ON-SITE OR AS DIRECTED BY THE ENGINEER AND LOCAL GOVERNING OFFICIALS.

EROSION AND SEDIMENT CONTROL PLAN

I. SILTATION FENCE WILL BE INSTALLED AT ALL CULVERT OUTLETS AND ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.

2. CATCH BASINS WILL BE PROTECTED WITH SILT SACKS OR SHAY BALES THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE EROSION AND SEDIMENT CONTROL HANDBOOK LATEST EDITION.
4. EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO CONSTRUCTION WHENEVER POSSIBLE.
5. ALL CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
6. ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF NECESSARY OR REQUIRED.
7. SEDIMENT REMOVED FROM CONTROL STRUCTURES WILL BE DISPOSED IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THE PLAN.
8. ATLANTIC BROADBAND (CT) LLC (BREEZELINE) IS THE PERMITEE RESPONSIBLE FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES. NOTIFYING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, AND FOR CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.

EROSION AND SEDIMENT CONTROL PLAN SEDIMENT AND EROSION CONTROL NOTES

1. THIS DRAWING IS ONLY INTENDED TO DESCRIBE THE SEDIMENT AND EROSION CONTROL TREATMENT FOR THIS SITE. SEE SEDIMENT AND EROSION CONTROL DETAILS AND CONSTRUCTION SEQUENCE. REFER TO SITE PLAN FOR GENERAL INFORMATION AND OTHER PLANS FOR APPROPRIATE INFORMATION.
2. ATLANTIC BROADBAND (CT) LLC (BREEZELINE) IS THE PERMITEE RESPONSIBLE FOR IMPLEMENTING THIS SEDIMENT AND EROSION CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE PROPER INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, NOTIFYING ALL PARTIES ENGAGED WITH CONSTRUCTION ON THE SITE OF THE REQUIREMENTS AND OBJECTIVES OF THIS PLAN, NOTIFYING THE GOVERNING AUTHORITY OR INLAND WETLANDS AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY, AND FOR CONVEYING A COPY OF THE SEDIMENT & EROSION CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.
3. THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL. LATEST EDITION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND AS DIRECTED BY THE TOWN OF OLD SAYBROOK. THE CONTRACTOR SHALL KEEP A COPY OF THE GUIDELINES ON-SITE FOR REFERENCE DURING CONSTRUCTION.
4. ADDITIONAL AND/OR ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE CONTRACTOR, OWNER, SITE ENGINEER, TOWN OFFICIALS, OR ANY GOVERNING AGENCY. THE CONTRACTOR SHALL CONTACT THE OWNER AND APPROPRIATE GOVERNING AGENCIES FOR APPROVAL IF ALTERNATIVE CONTROLS OTHER THAN THOSE SHOWN ON THE PLANS ARE PROPOSED.
5. THE CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROLS BEFORE AND AFTER EACH STORM, OR AT LEAST WEEKLY, TO VERIFY THAT THE CONTROLS ARE OPERATING PROPERLY AND MAKE REPAIRS WHERE NECESSARY.
6. THE CONTRACTOR SHALL KEEP A SUPPLY OF EROSION CONTROL MATERIAL (SILT FENCE, JUTE MESH, ETC.) ON-SITE FOR MAINTENANCE AND EMERGENCY REPAIRS.
7. PROTECT EXISTING TREES THAT ARE TO BE SAVED BY FENCING AT THE DRIP LINE FOR AS SHOWN WITH SNOW FENCE, ORANGE SAFETY FENCE, OR EQUIVALENT FENCING. ANY LIMB TRIMMING SHOULD BE DONE BEFORE CONSTRUCTION BEGINS IN THAT AREA; FENCING SHALL BE MAINTAINED AND REPAIRED DURING CONSTRUCTION.
8. INSTALL PERIMETER SEDIMENT CONTROLS PRIOR TO CLEARING OR CONSTRUCTION. ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE, WHICH SHALL BE MARKED WITH SILT FENCE, SAFETY FENCE, RIBBONS, OR OTHER MEANS PRIOR TO CLEARING. CONSTRUCTION ACTIVITY SHALL REMAIN ON THE UPHILL SIDE OF THE SILT FENCE UNLESS WORK IS SPECIFICALLY CALLED FOR ON THE DOWNHILL SIDE OF THE FENCE.
9. ANTI-TRACKING PAD SHALL BE INSTALLED AT START OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. THE LOCATION OF THE TRACKING PAD MAY CHANGE AS VARIOUS PHASES OF CONSTRUCTION ARE COMPLETED.
10. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR USE IN FINAL LANDSCAPING. ALL EARTH STOCKPILES SHALL HAVE SILT FENCE AROUND THE LIMIT OF PILE. PILES SHALL BE TEMPORARILY SEEDED IF PILE IS TO REMAIN IN PLACE FOR MORE THAN 2 MONTHS.
11. SEDIMENTATION BASINS SHALL PROVIDE SEDIMENT STORAGE PER DISTURBED ACRE CONTRIBUTING TO THE BASIN. PROVIDE BASIN VOLUMES FOR ALL DISTURBANCE ON SITE.
12. COMPLY WITH REQUIREMENTS OF CCS SECTION 22A, 430B FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND WITH DEP RECORD KEEPING AND INSPECTION REQUIREMENTS.
13. MINIMIZE LAND DISTURBANCES. SEED AND MULCH DISTURBED AREAS WITH TEMPORARY MIX AS SOON AS PRACTICABLE (2 WEEK MAXIMUM UNSTABILIZED PERIOD) USING PERENNIAL RYEGRASS AT 40 LBS PER ACRE. MULCH ALL CUT AND FILL SLOPES AND SWALES WITH LOOSE HAY AT A RATE OF 2 TONS PER ACRE. IF NECESSARY, REPLACE LOOSE HAY ON SLOPES WITH EROSION CONTROL BLANKETS OR JUTE CLOTH. MODERATELY GRADED AREAS, ISLANDS, AND TEMPORARY CONSTRUCTION STAGING AREAS MAY BE HYDROSEEDED WITH TACKIFIER.
14. SILT FENCE AND OTHER SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH DRAWINGS AND MANUFACTURER'S RECOMMENDATIONS PRIOR TO WORK IN ANY UPLAND AREAS.
15. EXCAVATED MATERIAL FROM TEMPORARY SEDIMENT TRAPS MUST BE STOCKPILED ON UPHILL SIDE OF SILT FENCE.
16. INSTALL SILT FENCE ACCORDING TO MANUFACTURER'S INSTRUCTION, PARTICULARLY, BURY LOWER EDGE OF FABRIC INTO GROUND. SILT FENCE SHALL BE MIRAFI ENVROFENCE, AMOCO SILT STOP OR EQUIVALENT APPROVED BY THE ENGINEER. FILTER FABRIC USED SHALL BE MIRAFI 100X OR EQUIVALENT.
17. INSTALL TEMPORARY DIVERSION DITCHES, PLUNGE POOLS, SEDIMENT BASINS, SEDIMENT TRAPS AND DEWATERING PITS AS SHOWN AND AS NECESSARY DURING VARIOUS PHASES OF CONSTRUCTION TO CONTROL RUNOFF UNTIL UPHILL AREAS ARE STABILIZED. LOCATION OF TEMPORARY SEDIMENT BASINS WILL REQUIRE REVIEW AND APPROVAL BY THE ENGINEER AND GOVERNING OFFICIAL.
18. DIRECT ALL DEWATERING PUMP DISCHARGE TO A SEDIMENT CONTROL DEVICE SUCH AS TEMPORARY PITS, SEDIMENT BASINS OR GRASS FILTERS WITHIN THE APPROVED LIMIT OF DISTURBANCE. DISCHARGE TO STORM SEWERS OR SURFACE WATERS FROM SEDIMENT CONTROLS SHALL BE CLEAR.
19. BLOCK THE OPEN UPSTREAM ENDS OF DETENTION PIPE SYSTEM OUTLET CONTROL ORIFICE UNTIL SITE IS STABILIZED AND BLOCK END OF STORM SEWERS IN EXPOSED TRENCHES WITH BOARDS AND SANDBAGS AT THE END OF EACH WORKING DAY WHEN RAIN IS EXPECTED.
20. SWEEP AFFECTED PORTIONS OF OFF SITE ROADS ONE OR MORE TIMES A DAY (OR LESS FREQUENTLY IF TRACKING IS NOT A PROBLEM) DURING CONSTRUCTION. OTHER DUST CONTROL MEASURES TO BE USED AS NECESSARY INCLUDES WATERING DOWN DISTURBED AREAS, USING CALCIUM CHLORIDE, AND COVERING LOADS ON DUMP TRUCKS.
21. PERIODICALLY CHECK ACCUMULATED SEDIMENT LEVELS IN THE SEDIMENT TRAPS DURING CONSTRUCTION AND CLEAN ACCUMULATED SILT WHEN NECESSARY OR WHEN ONE FOOT OF SEDIMENT HAS ACCUMULATED. CLEAN ACCUMULATED SEDIMENT FROM CATCH BASIN SUMPS AS NECESSARY. REMOVE ACCUMULATED SEDIMENT FROM BEHIND SILT FENCE WHEN LEVEL REACHES HALF THE HEIGHT OF THE FENCE. DISPOSE OF SEDIMENT LEGALLY EITHER ON SITE IN NON-WETLANDS AREAS..
22. MAINTAIN ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL DEVICES IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK SWEEP PARKING LOT AND REMOVE ALL TEMPORARY SEDIMENT CONTROLS WHEN AUTHORIZED BY LOCAL GOVERNING AUTHORITY.
23. THE PARTY RESPONSIBLE FOR THE EROSION AND SEDIMENT CONTROL MEASURES IS:
ATLANTIC BROADBAND (CT) LLC
(BREEZELINE)
2 BATTERYMARCH PARK, SUITE 205
QUINCY, MA 02169
PHONE: 1-803-534-1897
24. IF WIND EROSION OCCURS, THEN GROUND SHALL BE COVERED WITH CALCIUM CHLORIDE OR WATER TRACK APPLICATIONS AS REQUIRED TO CORRECT THE PROBLEM.

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CIVILWORKS NEW ENGLAND
CONSULTING ENGINEERING

181 Wilson Road, PO Box 1168
Dover, New Hampshire 03821
603.749.0443

DATE: 1-10-22
SCALE: NOTES
DRAWN BY: M.A.M.
DESIGN BY: M.E.B.
APPROVED BY: J.P.C.
PROJECT NO: 22102
FILE: 22102-SITE

NO. 20068
LICENSED PROFESSIONAL ENGINEER

EROSION & SEDIMENT CONTROL NOTES

08

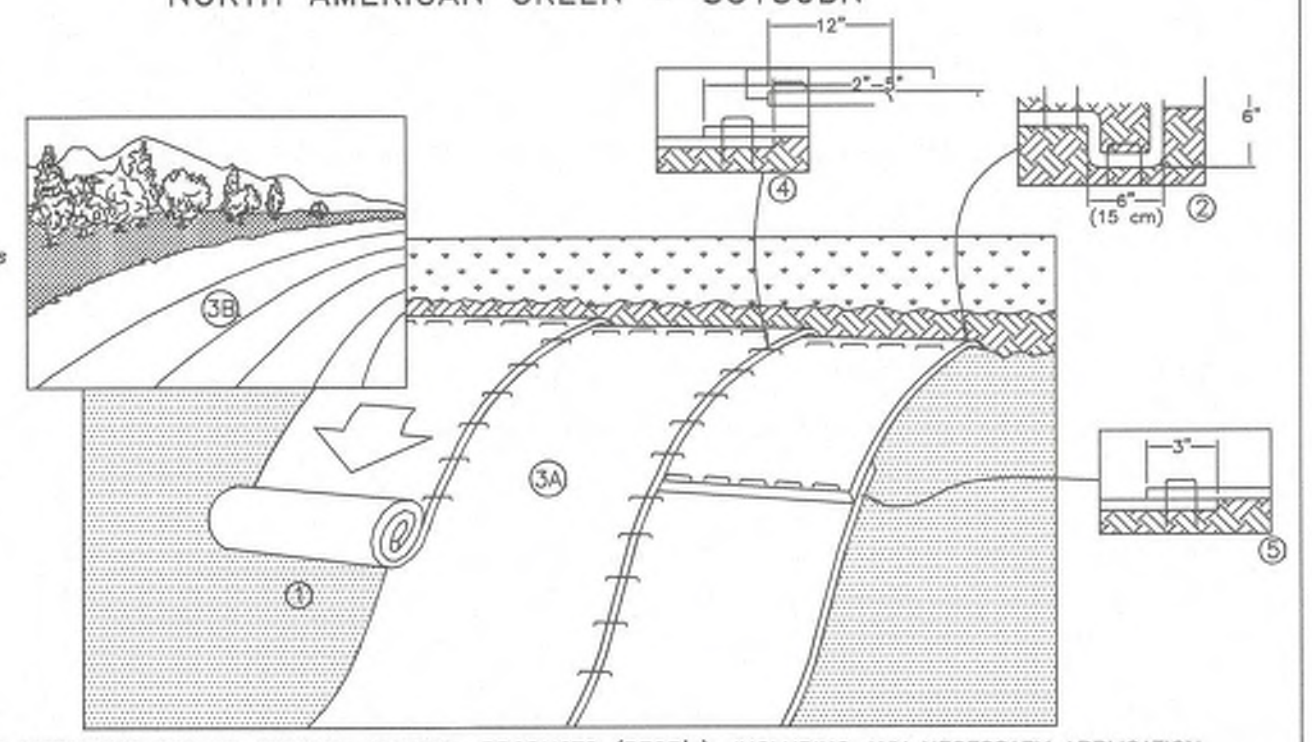
ATLANTIC BROADBAND (CT) LLC
689 OLD COLCHESTER ROAD
UNCASVILLE, CT

BREEZELINE UNCASVILLE CT
689 OLD COLCHESTER ROAD
UNCASVILLE, CT

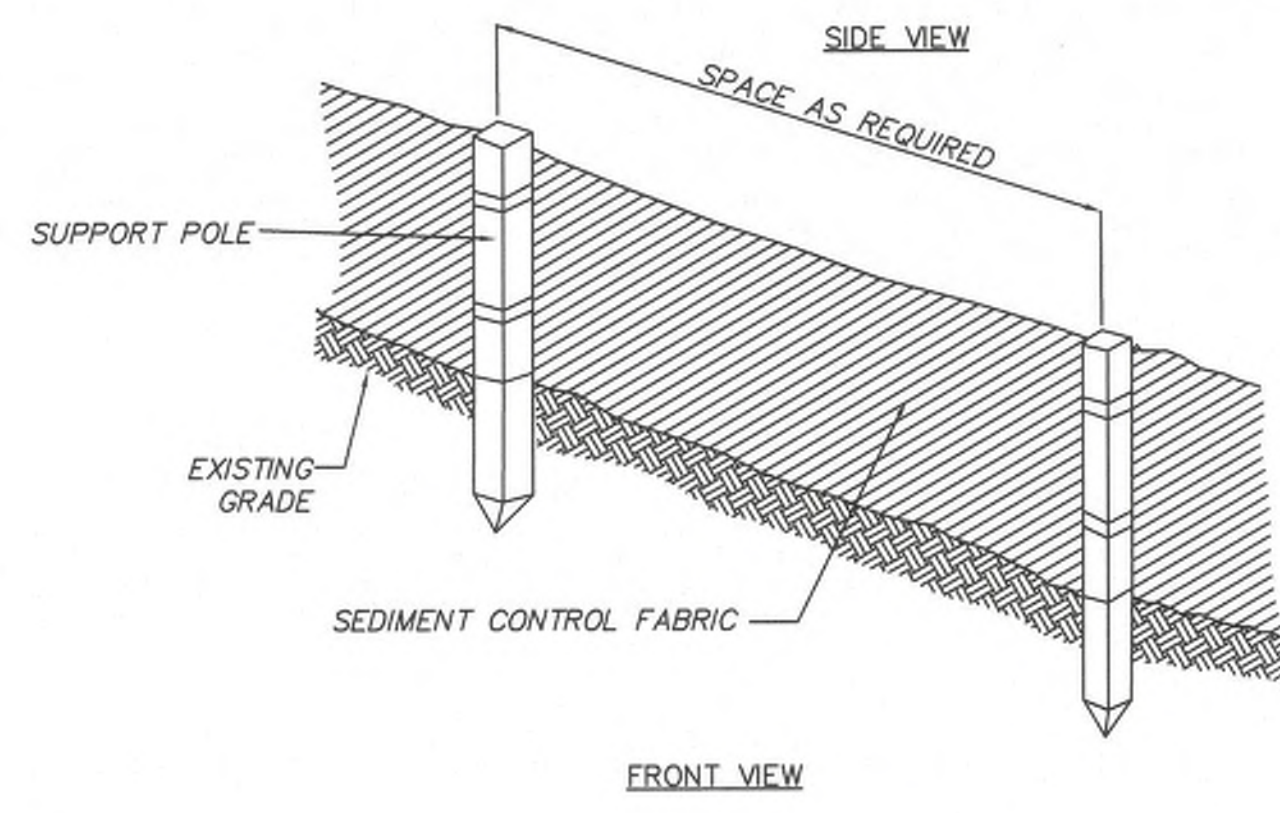
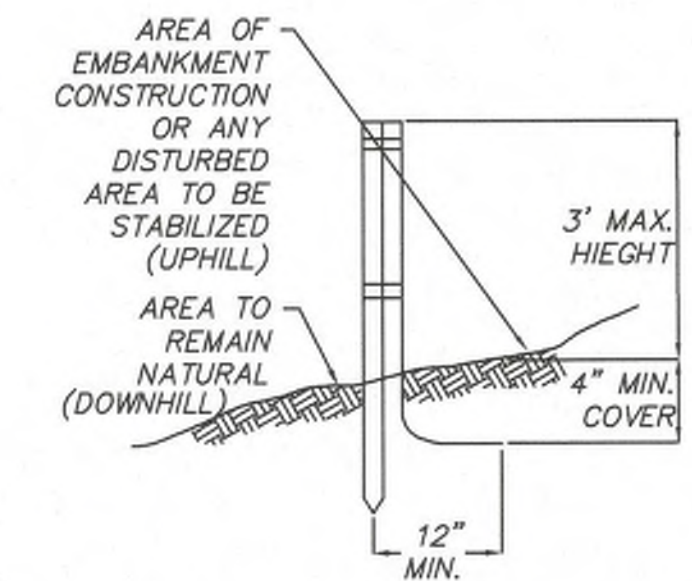
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SLOPE INSTALLATION
NORTH AMERICAN GREEN - SC150BN

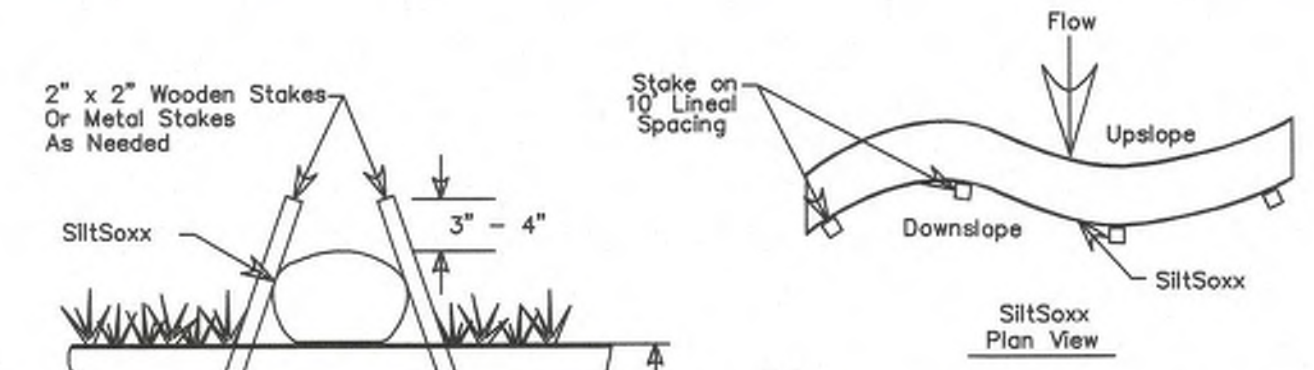


- PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
 - BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30CM) OF RECP'S EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECP'S.
 - ROLL THE RECP'S (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECP'S WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM™, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
 - THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2" - 5" (5 CM - 12.5 CM) OVERLAP DEPENDING ON RECP'S TYPE.
 - CONSECUTIVE RECP'S SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP'S WIDTH.
NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECP'S.
- NOTE: THE USE OF WELDED PLASTIC OR BIODEGRADABLE PLASTIC NETTING OR THREAD IN EROSION CONTROL MATTING IS PROHIBITED. THE USE OF WILDLIFE FRIENDLY ORGANIC MATERIALS IS RECOMMENDED.

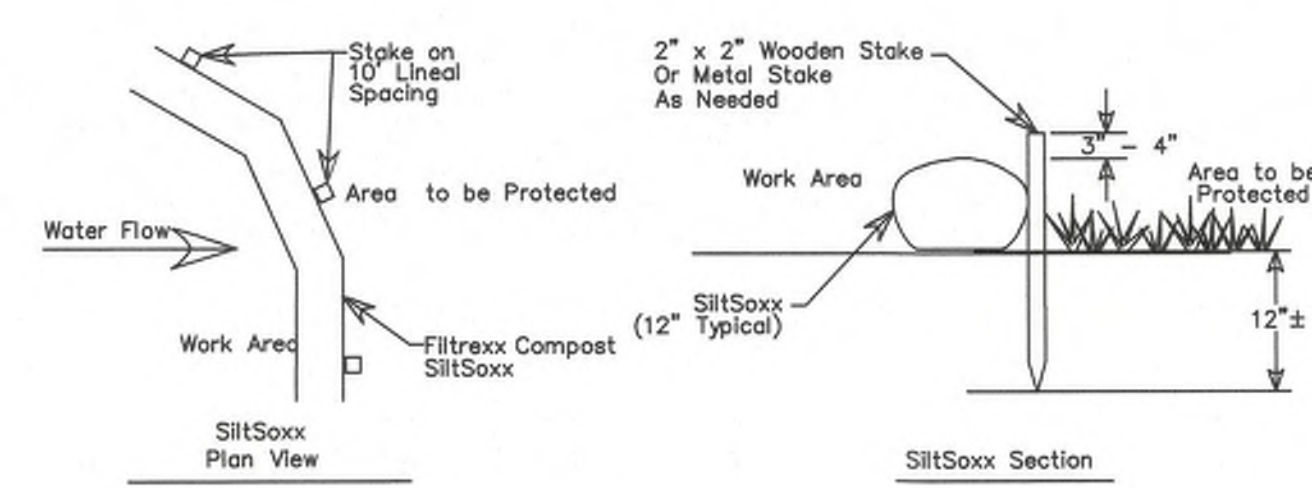


- NOTES:**
1. SEE EROSION CONTROL NOTES FOR MATERIAL, INSTALLATION AND MAINTENANCE REQUIREMENTS.

SILT FENCE
NOT TO SCALE

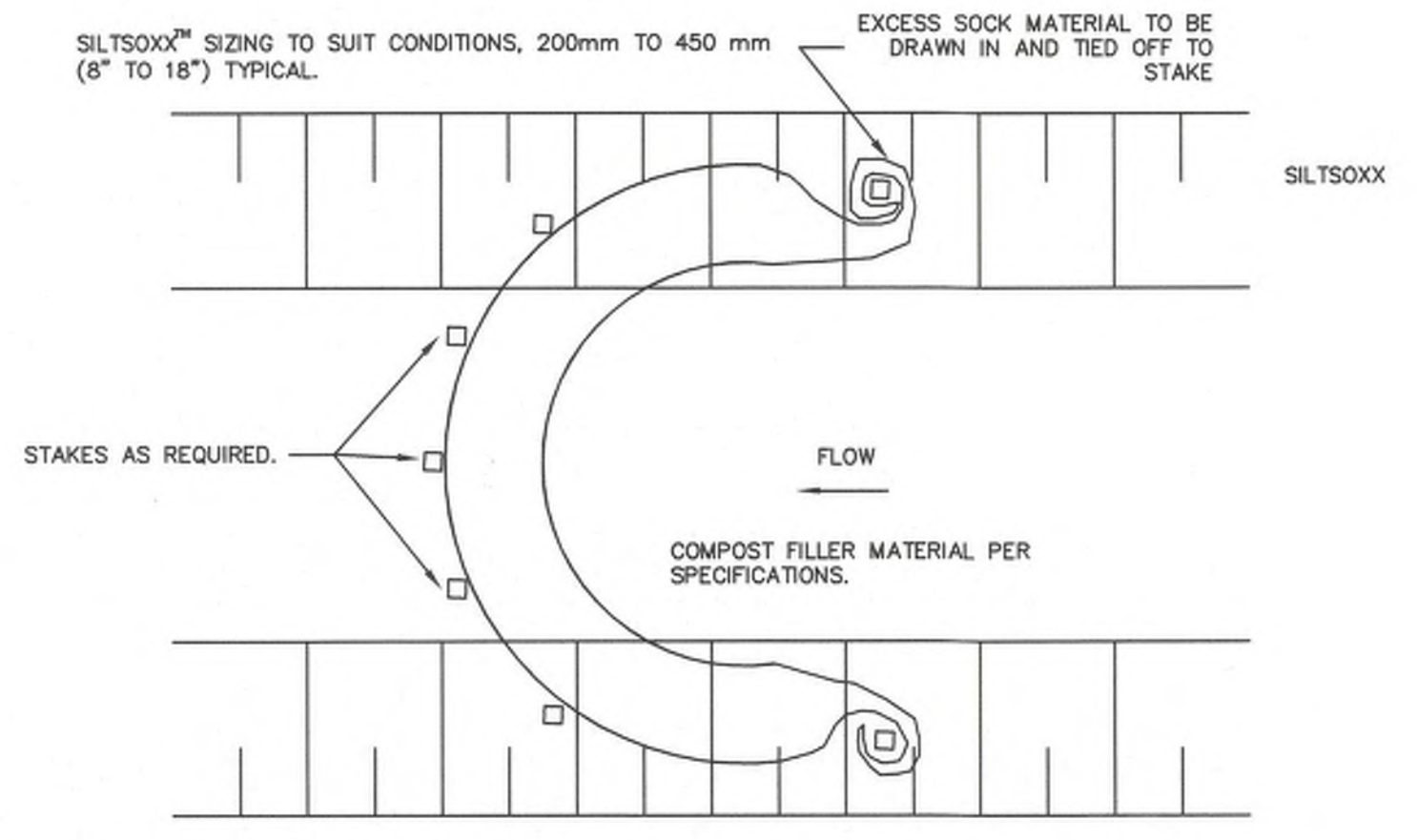


- NOTES:**
1. All material to meet FilterSox specifications.
2. FilterSox compost/soil/rock/seed fill to meet application requirements.
3. Compost material to be dispersed on site, as determined by Engineer.
4. Use Siltsoxx or approved equal.



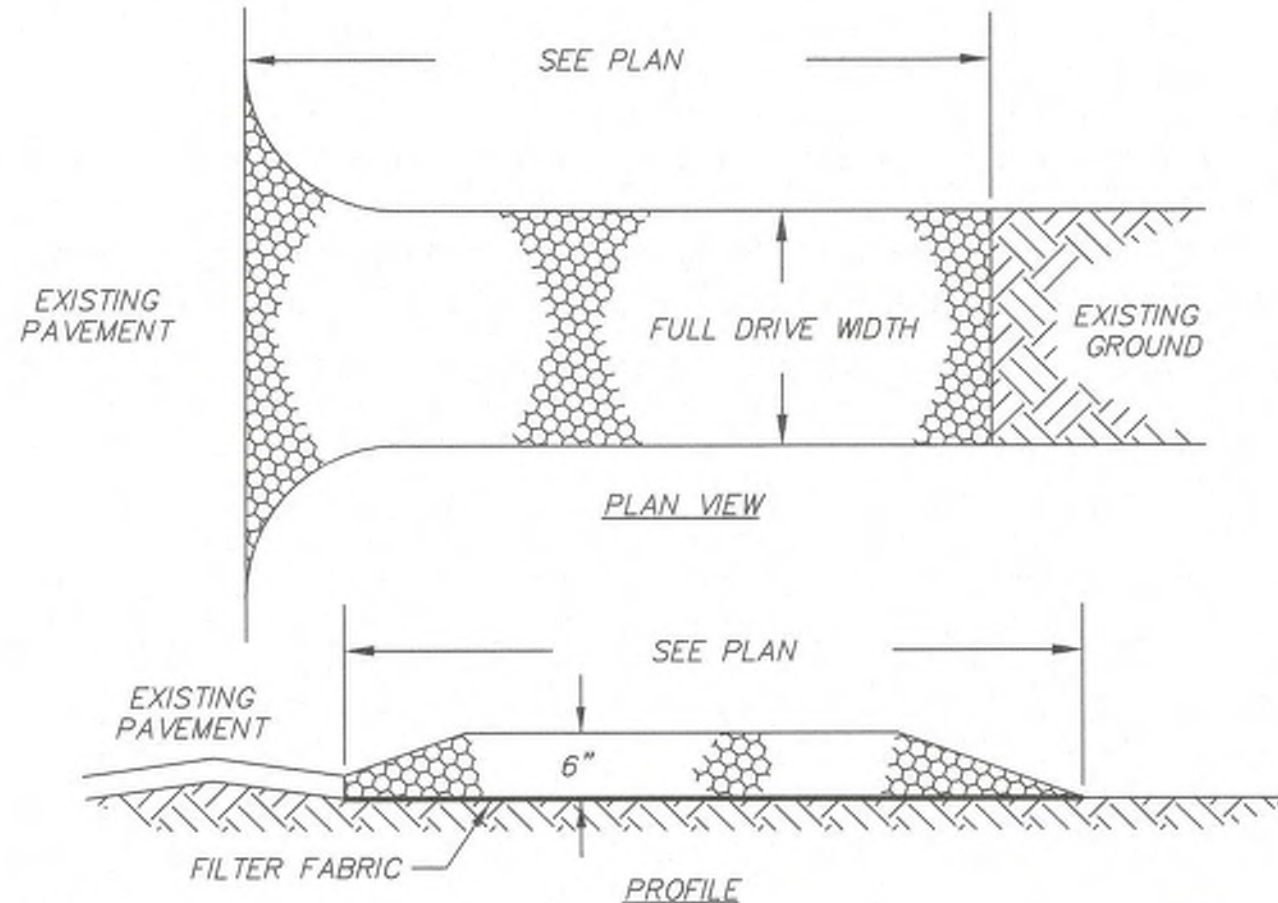
- NOTES:**
1. All material to meet FilterSox specifications, use FilterSox Siltsoxx or approved equal.
2. Siltsoxx compost/soil/rock/seed fill to meet application requirements.
3. Siltsoxx depicted is for minimum slopes. Greater slopes may require larger socks per the Engineer.
4. Compost material to be dispersed on site, as determined by Engineer.

SILTSOXX DETAILS
NOT TO SCALE



- NOTES:**
1. ALL MATERIAL TO MEET SILTSOXX SPECIFICATIONS.
2. COMPOST MATERIAL WILL BE DISPERSED ON SITE WHEN NO LONGER REQUIRED, AS DETERMINED BY THE ENGINEER.
3. USE SILTSOXX OR APPROVED EQUIVALENT.

SILTSOXX DITCH CHECK
NOT TO SCALE



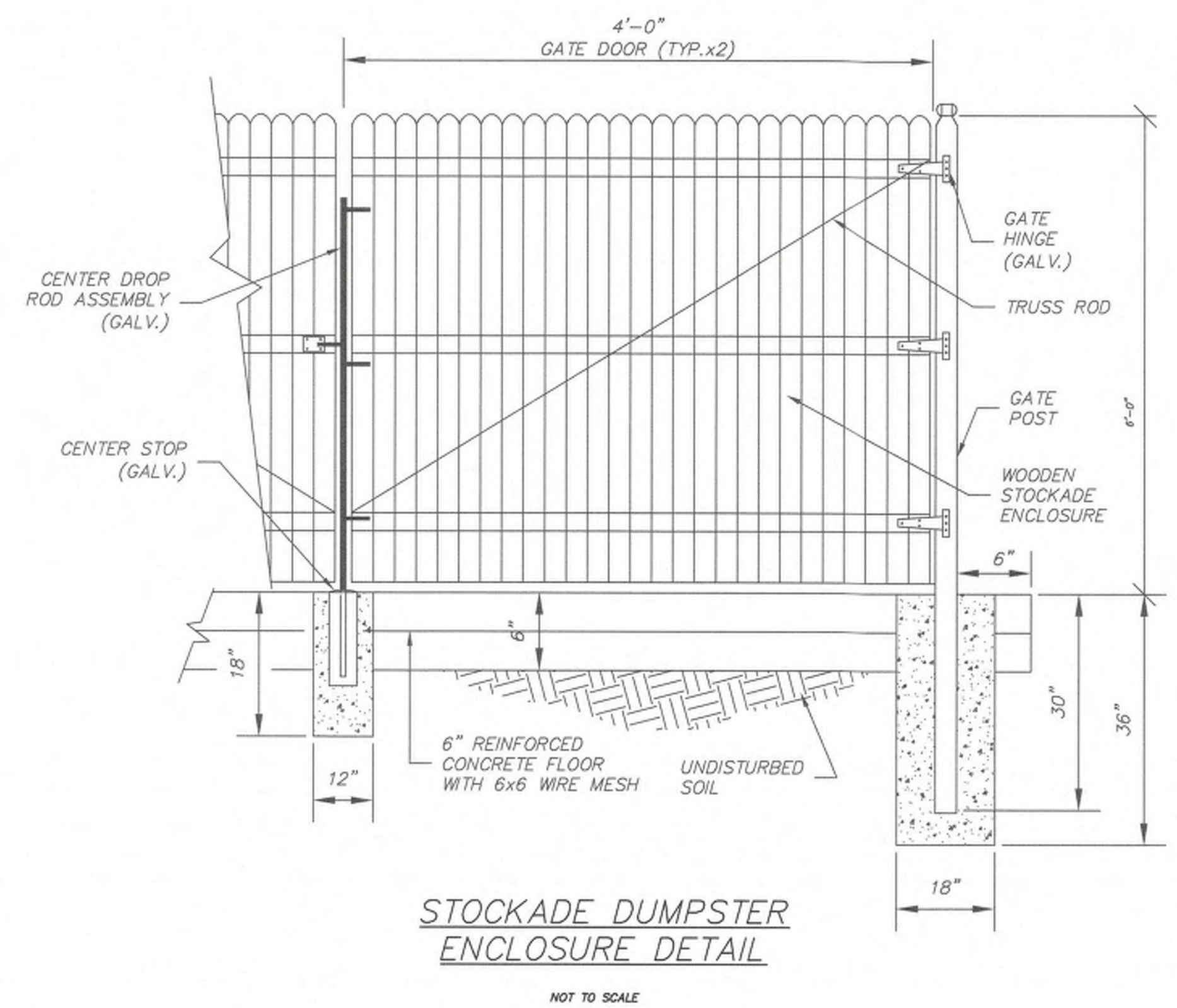
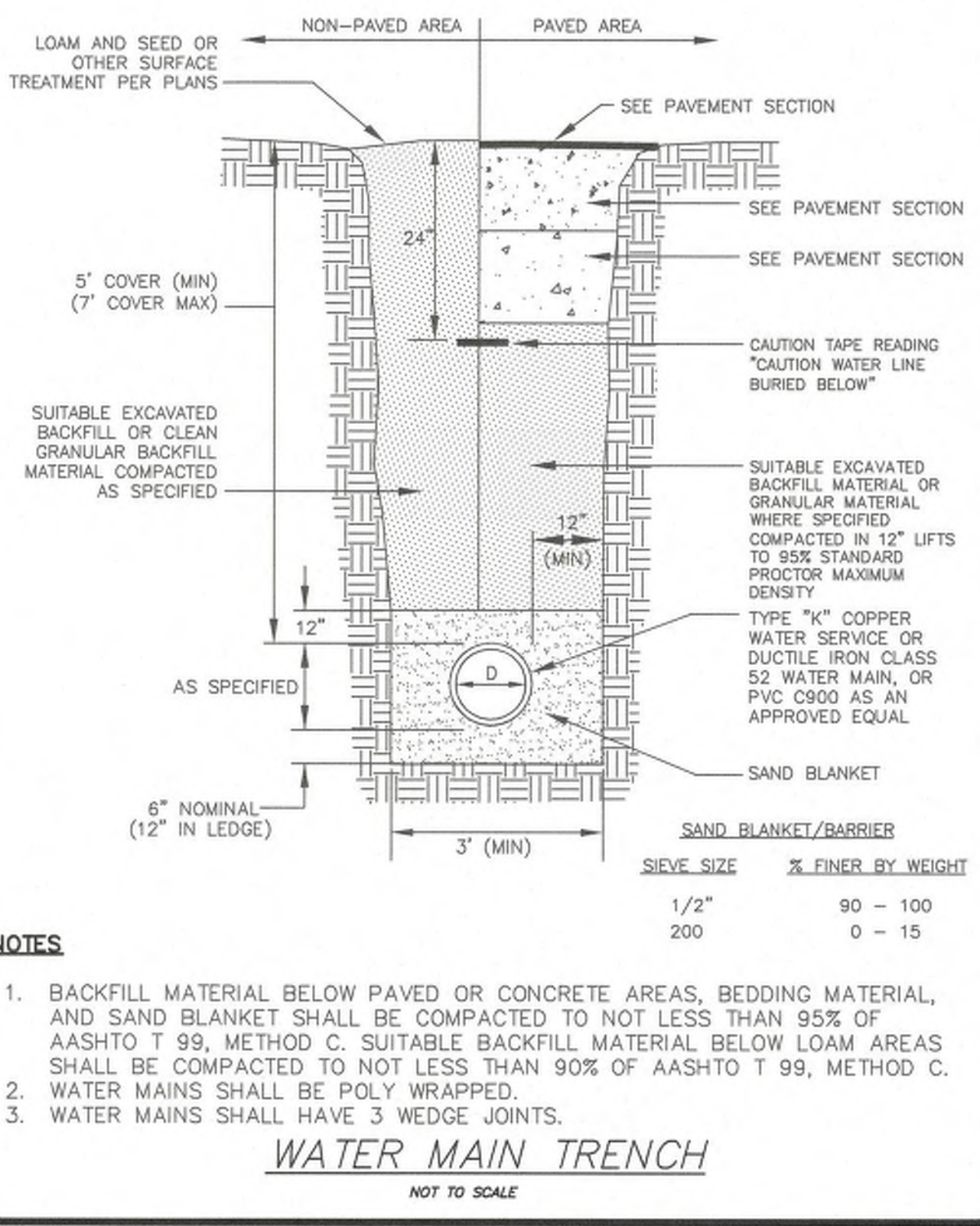
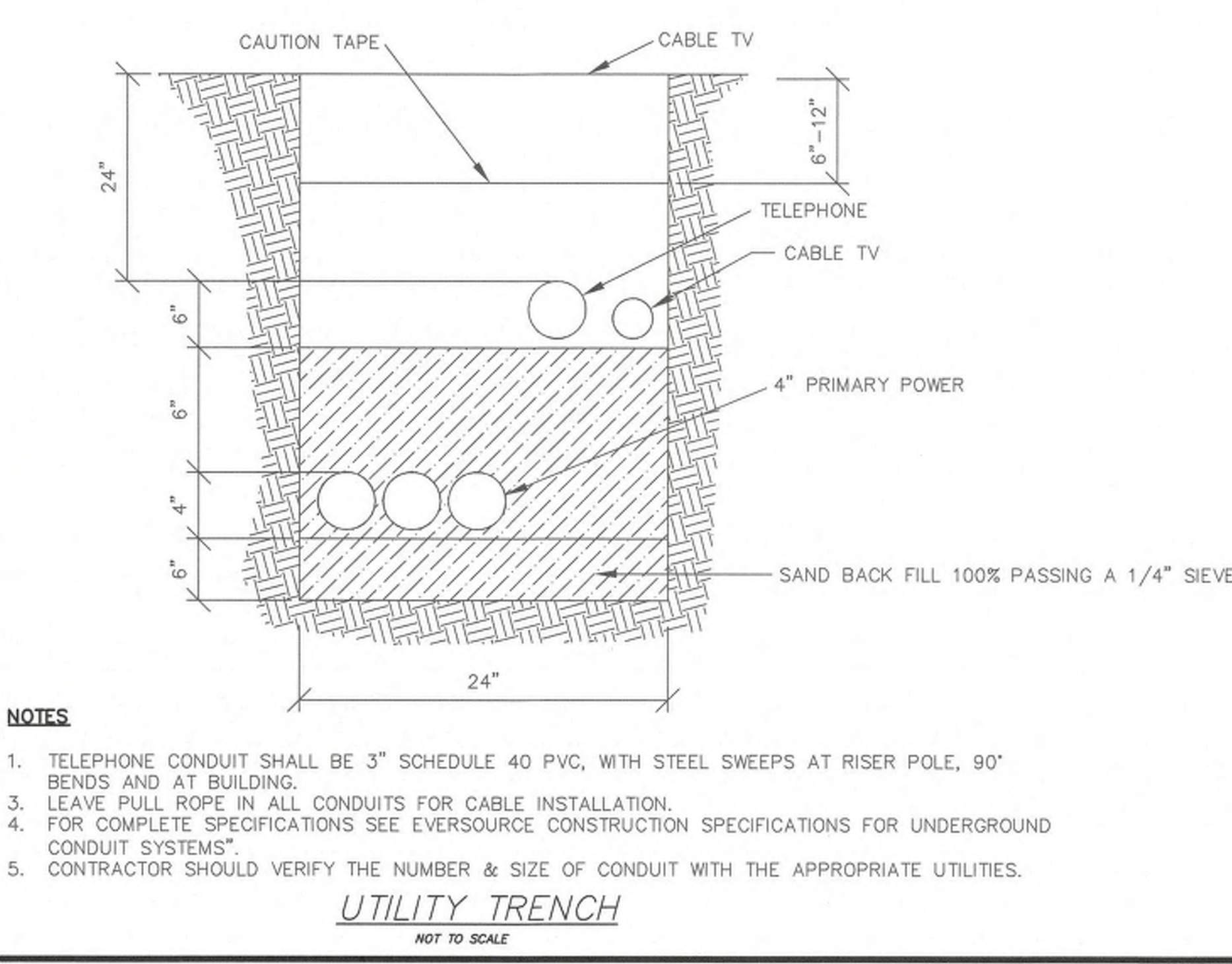
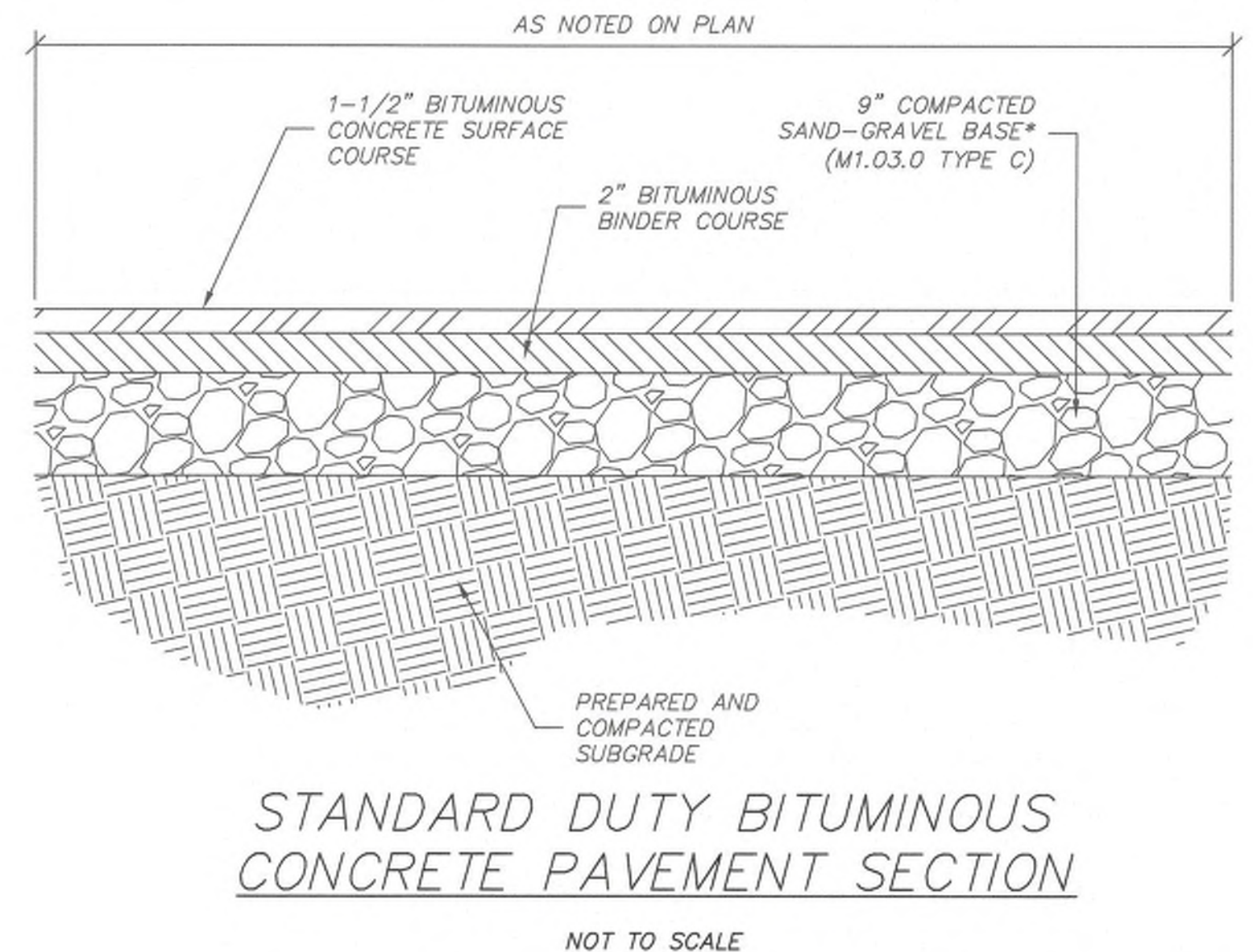
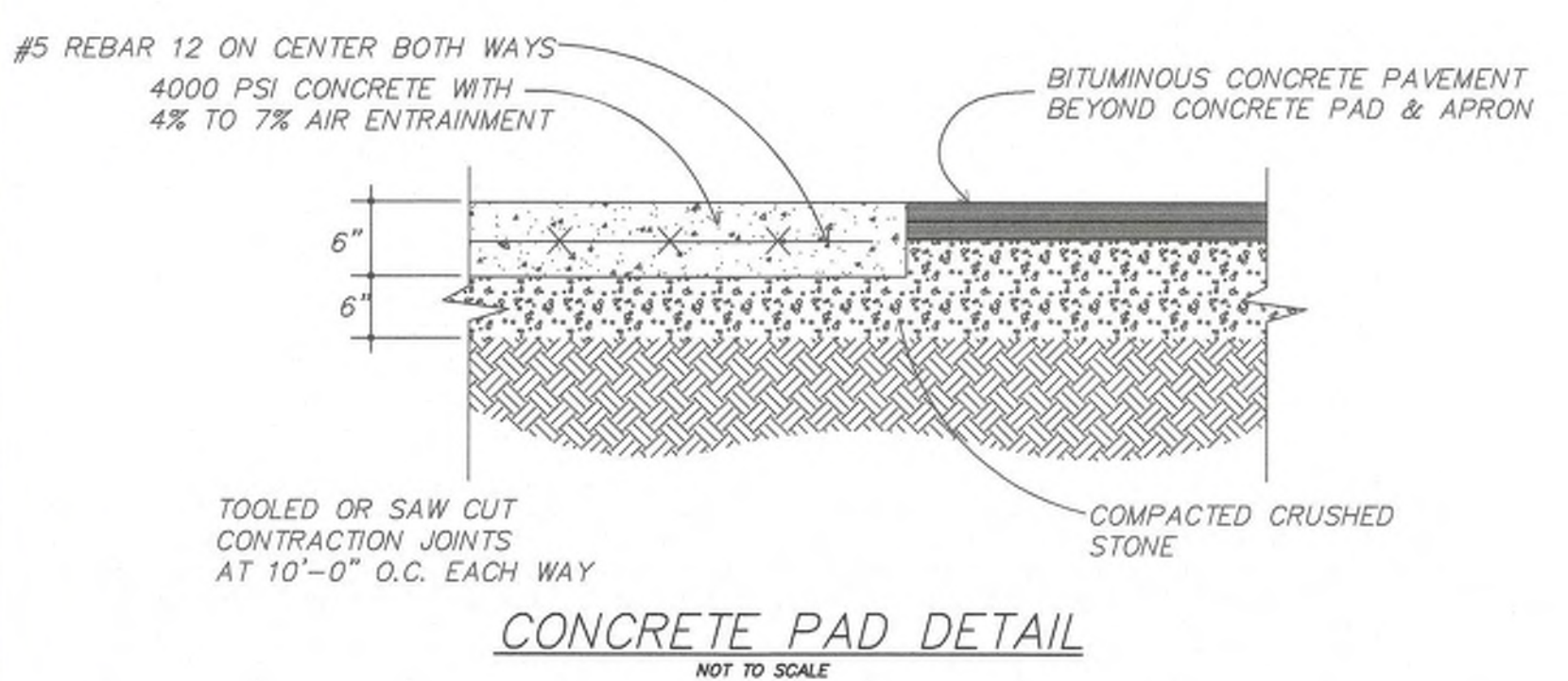
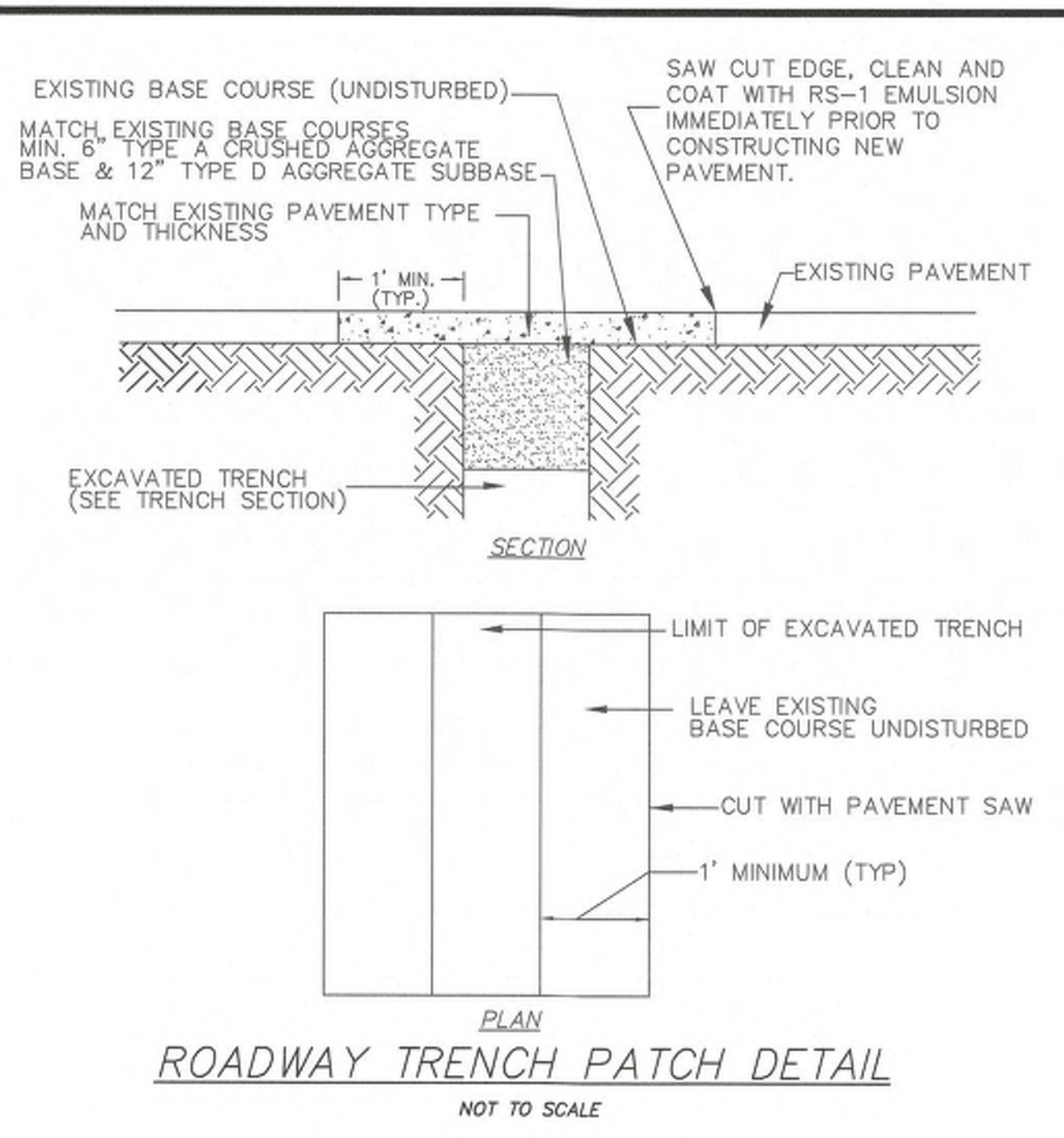
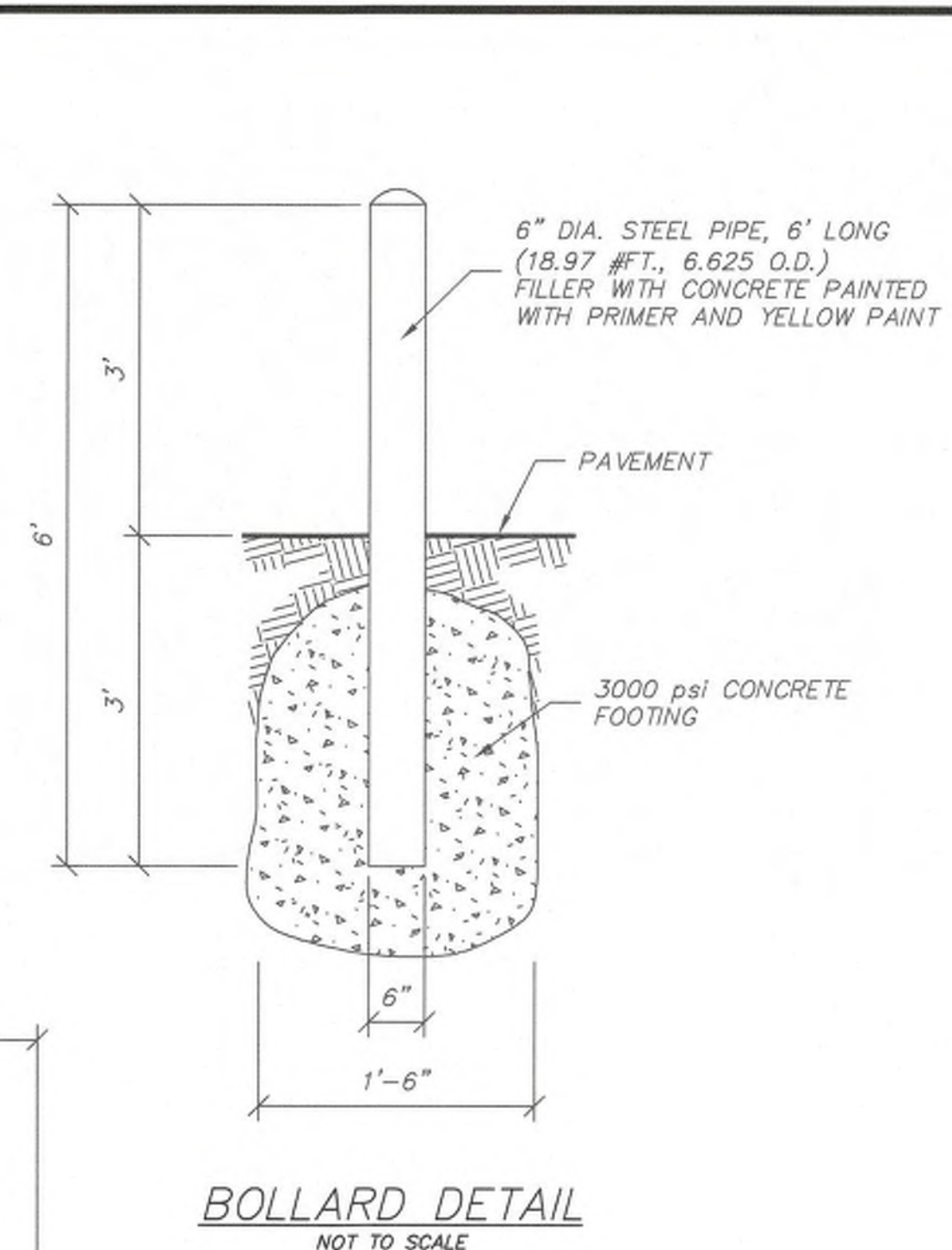
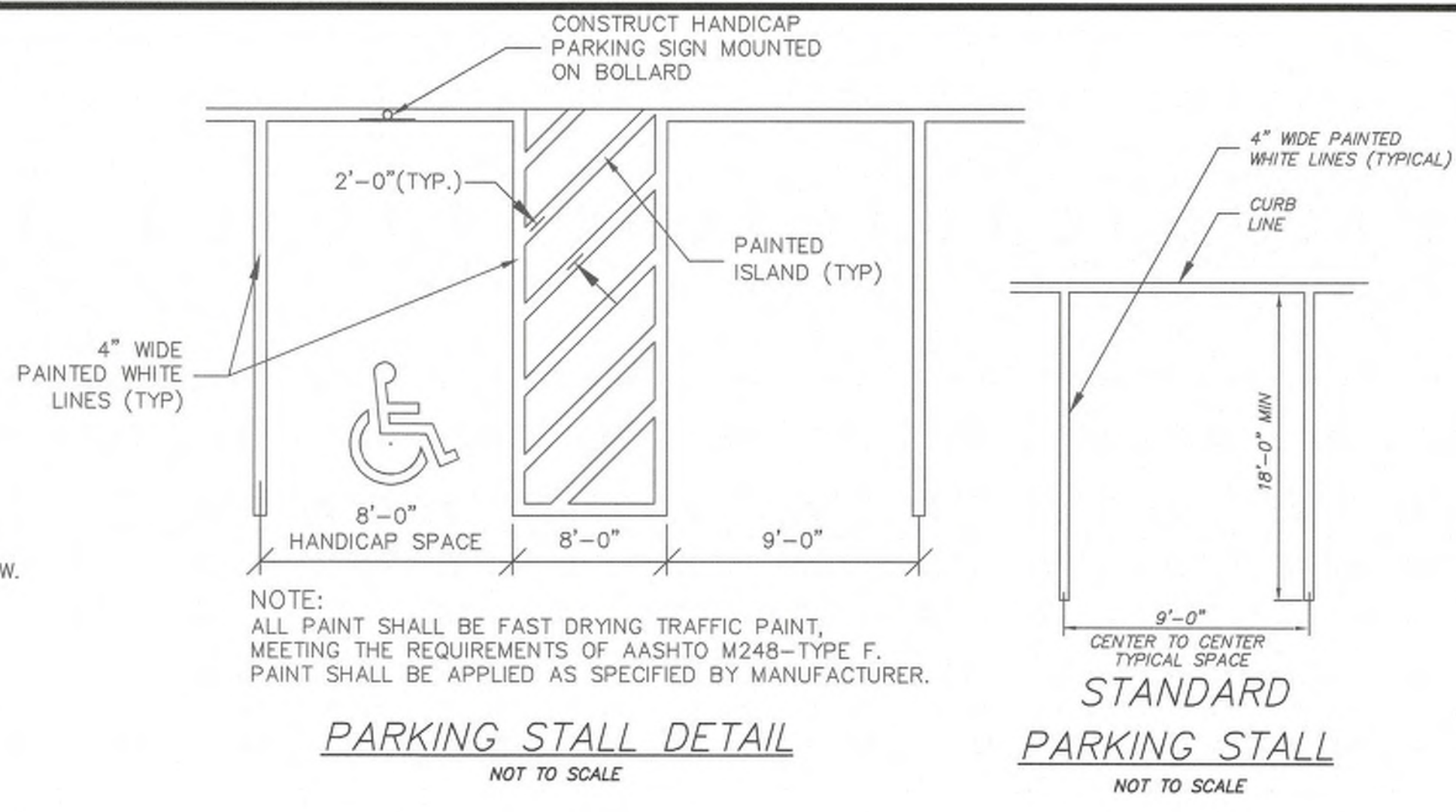
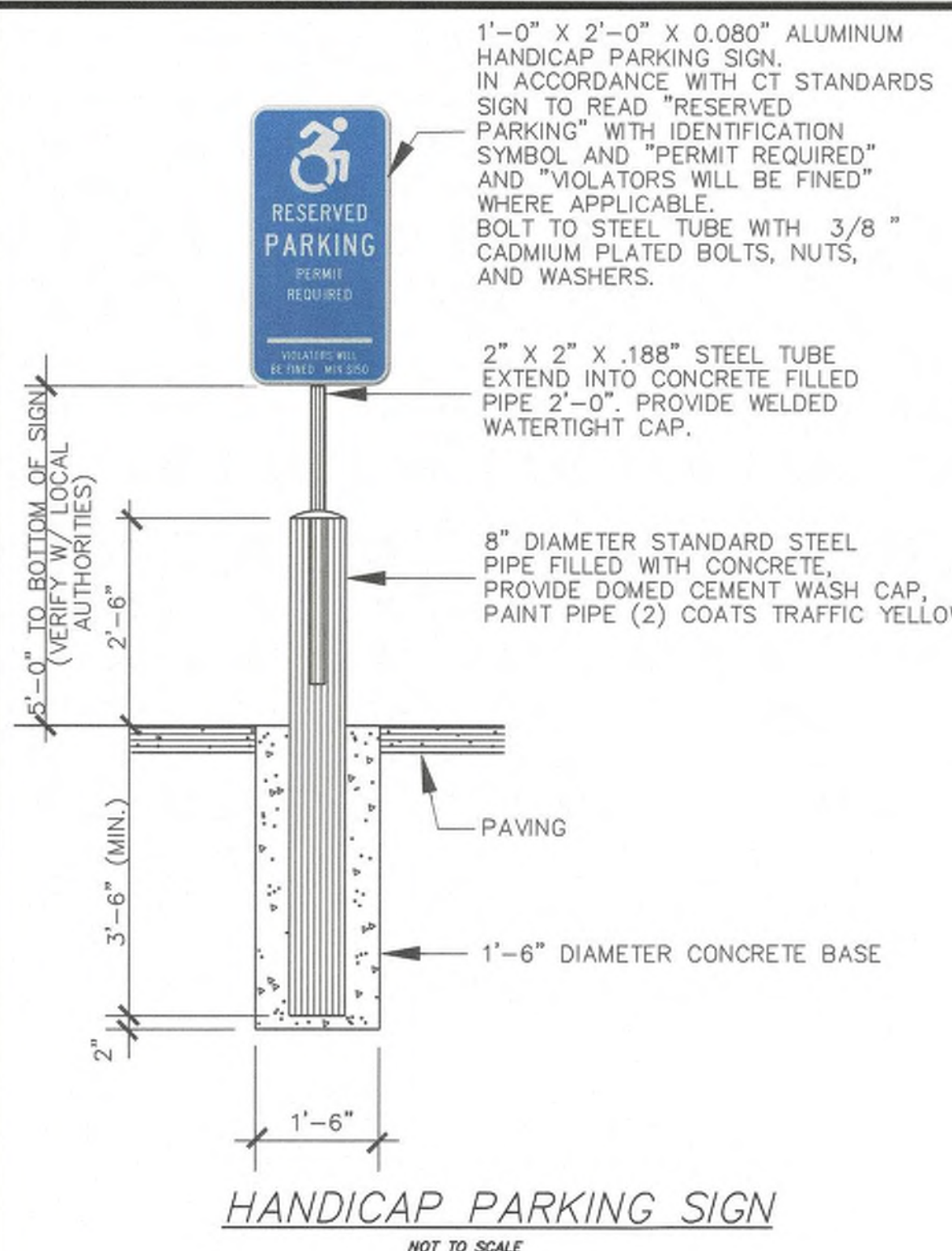
- NOTES:**
1. SEE EROSION CONTROL NOTES BELOW FOR MATERIAL, INSTALLATION AND MAINTENANCE REQUIREMENTS.
2. TO BE INSTALLED AT EACH POINT OF EGRESS FROM THE WORK AREA.

- SPECIFICATIONS**
A. AGGREGATE SIZE: USE THREE (3) INCHES STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
B. AGGREGATE THICKNESS: NOT LESS THAN SIX (6) INCHES.
C. WIDTH TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH OF POINTS WHERE INGRESS OR EGRESS OCCURS.
D. LENGTH: AS REQUIRED, BUT NOT LESS THAN SEVENTY-FIVE (75) FEET. PIPING OF SURFACE WATER UNDER ENTRANCE SHALL BE PROVIDED AS REQUIRED.
E. GEOTEXTILE: TO BE PLACED OVER THE ENTIRE AREA TO BE COVERED WITH AGGREGATE.
F. CRITERIA FOR GEOTEXTILE: THE FABRICS SHALL BE TREVA SPUNBOND 1135, MIRAFI 800X OR EQUAL.

- MAINTENANCE**
THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH AGGREGATE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES, OR WATERWAYS.

STABILIZED CONSTRUCTION ENTRANCE
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DATE: 1-10-22	SCALE: DETAILS	REV PER RESPONSE TO COMMENTS	DATE
DRAWN BY: MAM	DESIGN BY: MEB	1	2-13-23
APPROVED BY: JPC	PROJECT NO: 22102	1	
FILE: 22102-SITE			
EROSION & SEDIMENT CONTROL DETAILS		ATLANTIC BROADBAND (CT) LLC 689 OLD COLCHESTER ROAD UNCASVILLE, CT	
BREEZELINE UNCASVILLE CT 689 OLD COLCHESTER ROAD UNCASVILLE, CT		9	



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Dover, New Hampshire 03821
603.749.0443

DATE	SCALE	DRAWN BY	DESIGN BY	APPROVED BY	PROJECT NO.	SITE NO.	NO.	REVISION	DATE
1-10-22	DETAILS	MJM	MEB	JPC	22102	1	1	REV PER RESPONSE TO COMMENTS	2-13-23

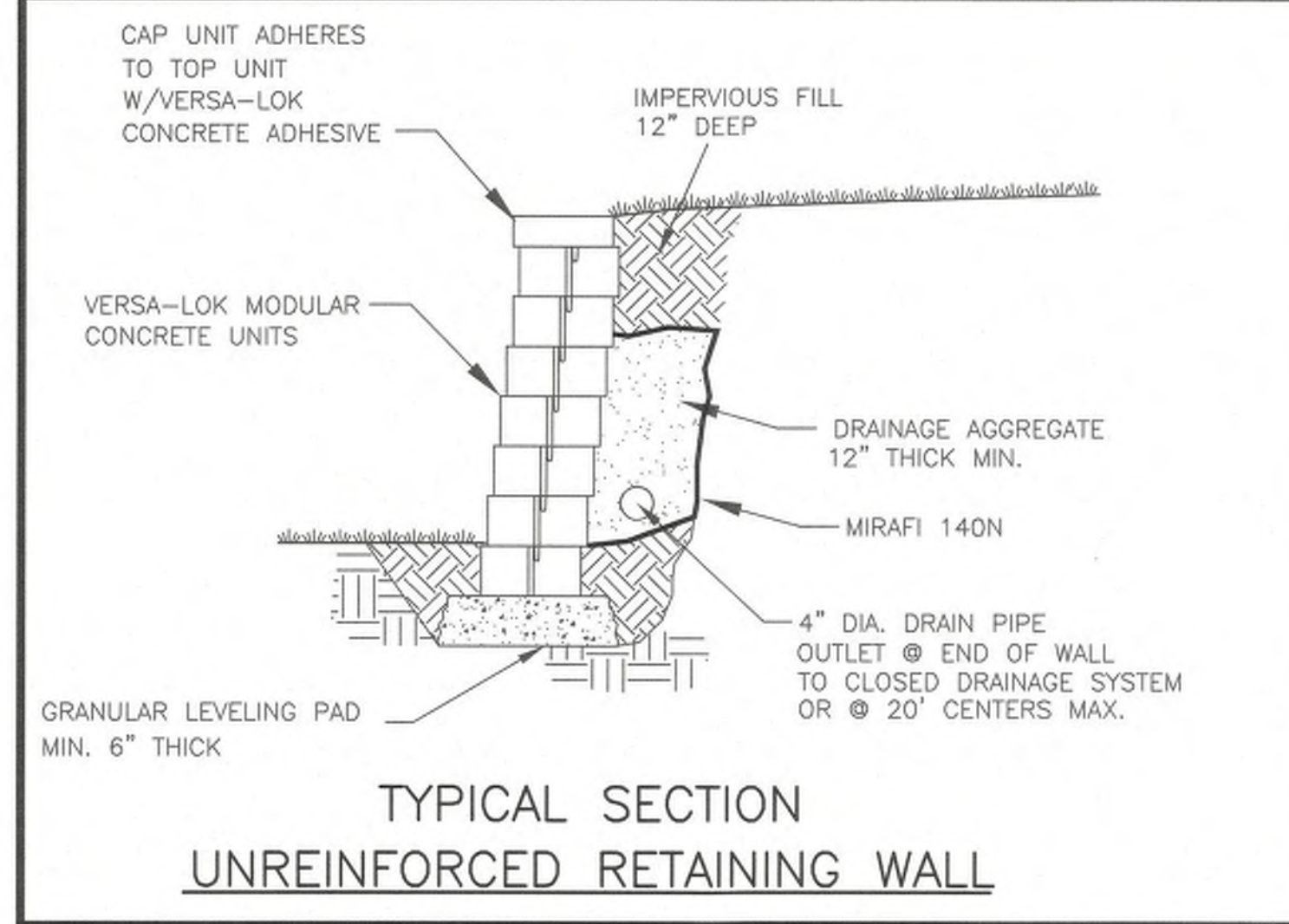
DATE: 1-10-22
SCALE: DETAILS
DRAWN BY: MJM
DESIGN BY: MEB
APPROVED BY: JPC
PROJECT NO: 22102
FILE: 22102-SITE

ATLANTIC BROADBAND (CT) LLC
689 OLD COLCHESTER ROAD
UNCASVILLE, CT

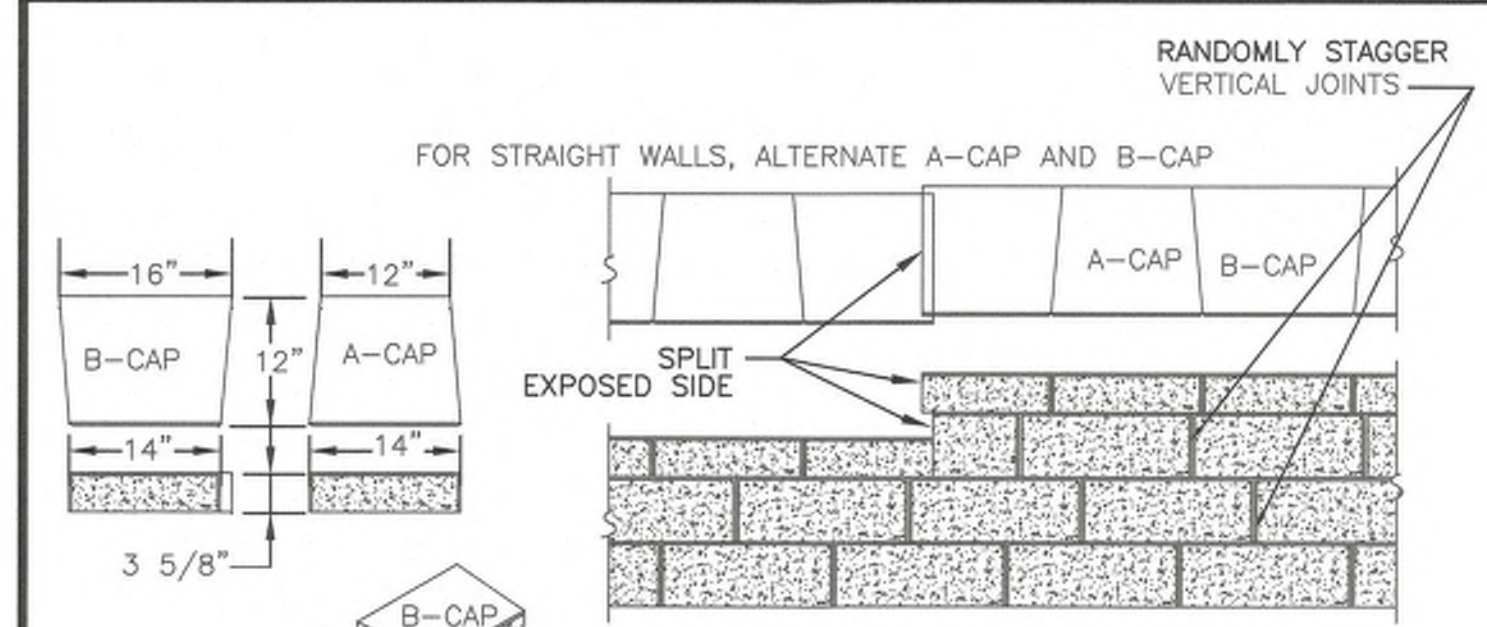
BREEZELINE UNCASVILLE CT
689 OLD COLCHESTER ROAD
UNCASVILLE, CT

DETAIL SHEET

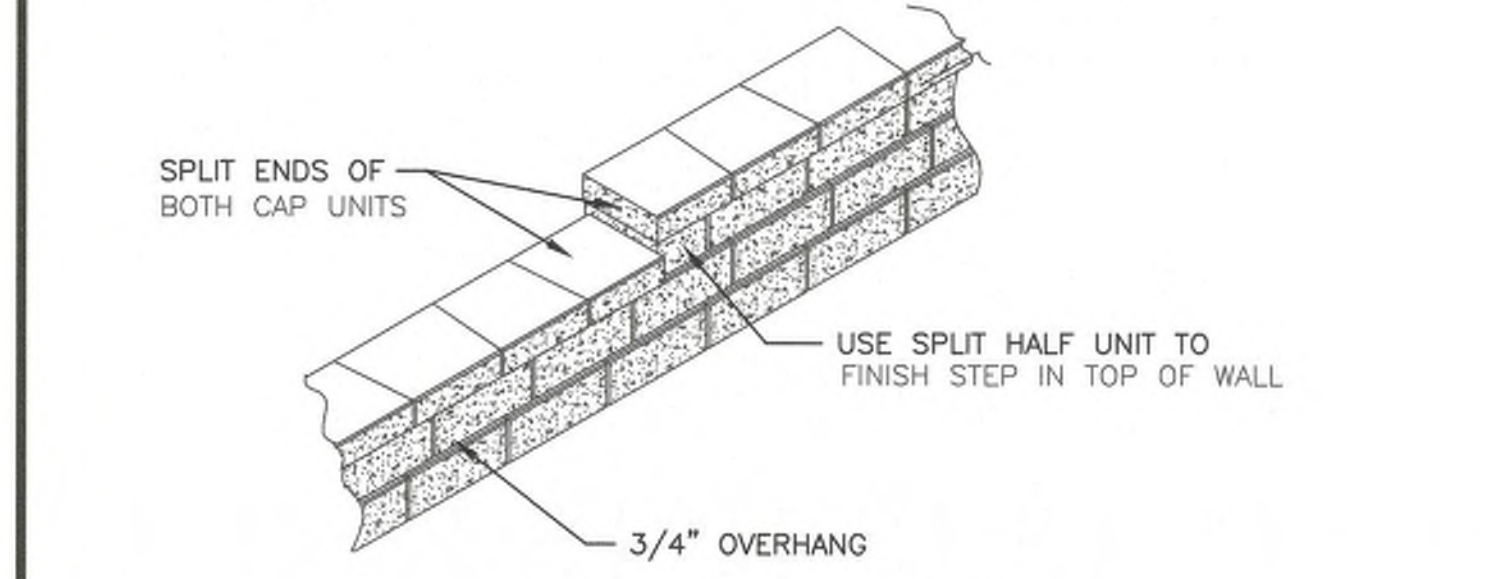
10



TYPICAL SECTION UNREINFORCED RETAINING WALL



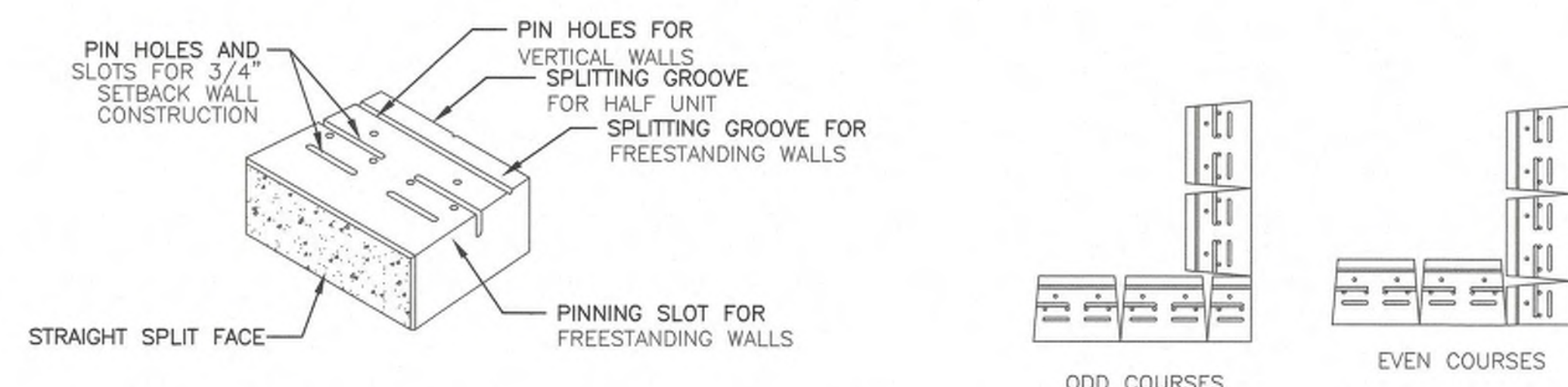
CAPPING DETAIL—PROFILE STEP AT TOP OF WALL



CAPPING DETAIL—PLAN VIEW

- GENERAL NOTES FOR CAPPING:
1. CAPS SHALL BE ADHERED TO WALL USING VERSA-LOK CONCRETE ADHESIVE
 2. CAPS MAY BE PLACED WITH A 1/2" TO 3/4" OVERHANG OF TOP COURSE
 3. WHEN SPLITTING CAP UNIT FOR WALL END DO NOT USE A CAP SECTION LESS THAN 6" WIDE
 4. DO NOT OVERHANG CAP AT END OF COURSE MORE THAN 1"

CAPPING DETAILS



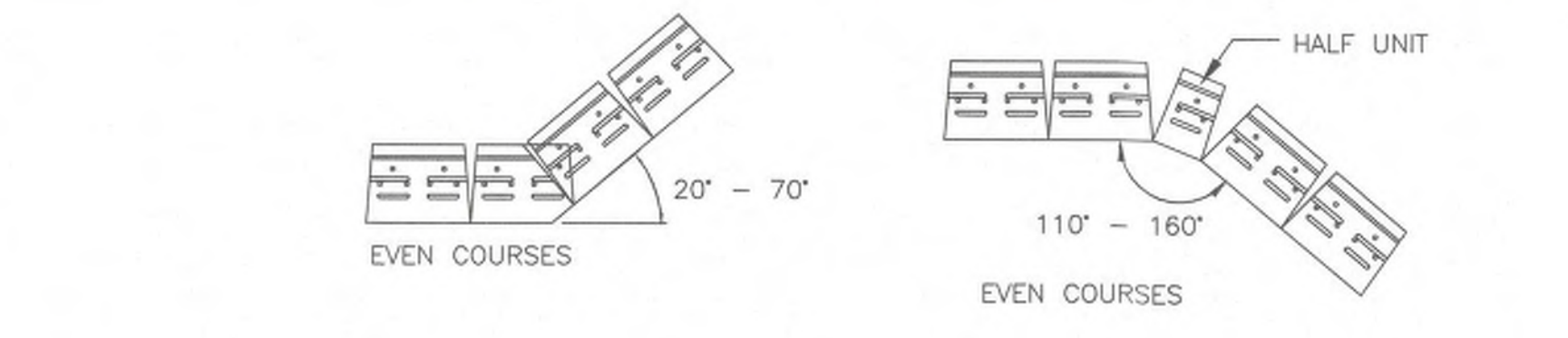
VERSALOK UNIT NOT TO SCALE



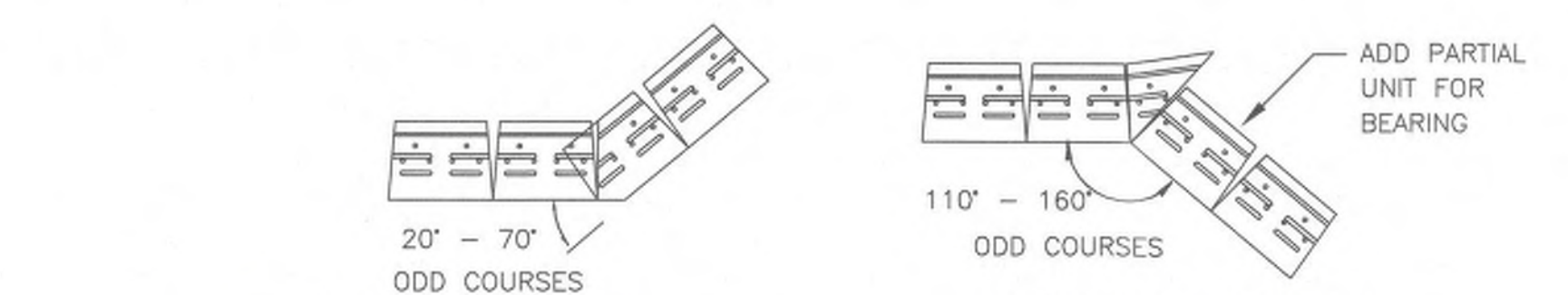
CORNER DETAIL 90°—OUTSIDE SCALE: NONE



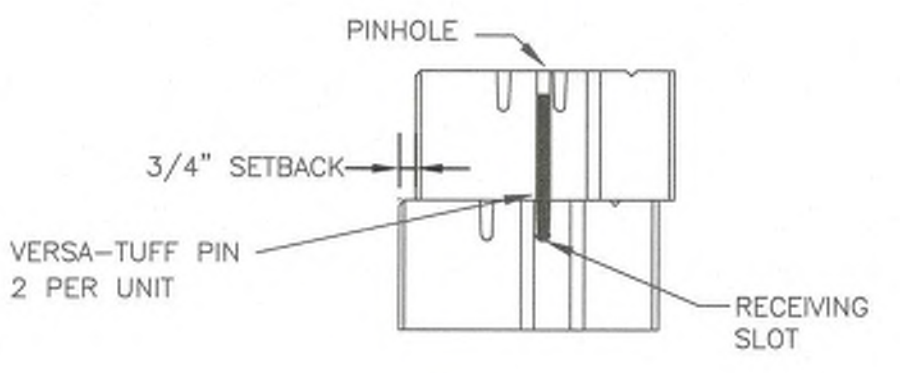
CORNER DETAIL 90°—INSIDE SCALE: NONE



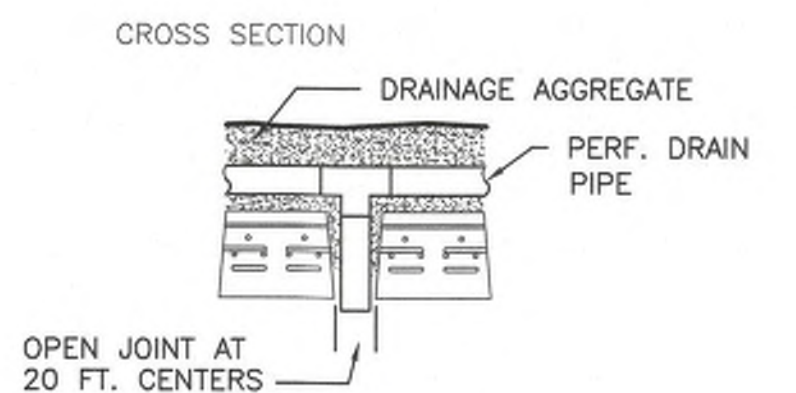
CORNER DETAIL OBLIQUE ANGLE—OUTSIDE SCALE: NONE



CORNER DETAIL OBLIQUE ANGLE—INSIDE SCALE: NONE



PINNING DETAIL



DRAIN DETAIL

RETAINING WALL SYSTEM

PART 1.0 - GENERAL

- 1.1 This work shall consist of furnishing all components and erecting a retaining wall system in accordance with these specifications and in close conformity with the lines, grades, design and dimensions shown on the plans or as ordered.
- 1.2 This following type of retaining wall systems are acceptable to be used on this project:
Versa-Lock, Nashua, NH - (603) 883-3042

1.3 STRUCTURAL AND GEOTECHNICAL DESIGN REQUIREMENTS

- A. The design of the wall system shall be by the Manufacturer.
- B. Minimum safety factors shall be as follows:
 1. Overturning: 2.0
 2. Base Sliding: 1.5
 3. Global Stability: 1.3
 4. Grid Pullout: 1.5
- C. Allowable Net Bearing Pressure = 6 kips per square foot
Moist Soil Unit Weight = 125 pounds per cubic foot
Friction Angle = 32 degrees
- D. Design loading shall consider seismic loads in accordance with the Connecticut State Building Code.

1.4 REQUIREMENTS FOR CONTRACTOR PREPARED DESIGN AND PLANS

- A. The final design to be submitted prior to award of contract and shall include detailed design computations and all details, dimensions, quantities and cross sections necessary to construct the wall. The design shall conform to all of the requirements outlined in section 1.3 above. The fully detailed plans shall be on permanent, archival quality, 24" x 36" double matte mylar with Project Name, Number and Design Firm. The plans to be submitted shall include, but not be limited to, the following items:
 1. A plan and elevation sheet or sheets for each wall, containing the following:
 - a. An elevation view of the wall which shall indicate the elevation at the top of the wall, at all horizontal and vertical break points and at least every fifty (50) feet along the wall, elevations at the top of leveling pads, the designation as to the type of unit, and the location of the original and final ground line.
 - b. A plan view of the wall which shall indicate the offset from the construction centerline or baseline to the face of the wall at all changes in horizontal alignment and the limit of the widest unit.
 - c. Any general notes required for design and construction of the wall.
 - d. All horizontal and vertical curve data affecting wall construction.
 2. All details for leveling pads, as well as allowable and calculated maximum bearing pressures.
 3. Detailed design computations.

GENERAL NOTES

1. SEGMENTAL CONCRETE UNIT RETAINING WALL SHALL BE PROVIDED BY VERSA-LOK OR APPROVED EQUAL
2. RETAINING WALL DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S STANDARDS.
3. STRIP VEGETATION AND ORGANIC SOIL FROM WALL AND GEOSYNTHETIC ALIGNMENT.
4. BENCH CUT ALL EXCAVATED SLOPES.
5. DO NOT OVER EXCAVATE UNLESS DIRECTED BY SITE SOIL ENGINEER TO REMOVE UNSUITABLE SOIL.
6. SITE SOILS ENGINEER SHALL VERIFY FOUNDATION SOILS AS BEING COMPETENT PER THE DESIGN STANDARDS AND PARAMETERS.
7. LEVELING PAD SHALL CONSIST OF COMPACTED COARSE SAND OR CRUSHED GRAVEL, 6" THICK MIN.
8. CONTRACTOR MAY OPT FOR A LEAN CONCRETE PAD. CONCRETE PAD SHALL BE UNREINFORCED, 3" THICK MAXIMUM.
9. MINIMUM EMBEDMENT OF WALL BELOW FINISH GRADE SHALL BE 6" FOR WALL HEIGHTS UNDER 4 FT. AND 12" FOR WALLS OVER 4 FT. UNLESS SHOWN DIFFERENTLY.
10. FOR UNITS TO BE EMBEDDED, COMPACT FILL IN FRONT OF UNITS AT THE SAME TIME FILL BEHIND UNITS IS COMPACTED.
11. DRAINAGE AGGREGATE SHALL BE INSTALLED DIRECTLY BEHIND THE WALL WITHIN 12" OF THE TOP OF THE WALL. DRAINAGE AGGREGATE SHALL NOT EXTEND BELOW FINAL GRADE IN FRONT OF WALL.
12. COMPACTION SHALL BE TO 95% OF MAXIMUM STANDARD PROCTOR DENSITY.(ASTM D-698)
13. COMPACTION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE DETERMINED BY THE SITE SOILS ENGINEER.
14. COMPACTION WITHIN 3 FT. OF WALL SHALL BE LIMITED TO HAND OPERATED EQUIPMENT.
15. SEE ELEVATION DRAWINGS FOR GEOSYNTHETIC TYPE, LENGTH AND LOCATION REQUIRED.
16. GEOSYNTHETIC SHALL BE PLACED WITH STRONGEST DIRECTION PERPENDICULAR TO WALL. FOLLOW GEOSYNTHETIC MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.
17. CONTRACTOR SHALL DIRECT SURFACE RUNOFF TO AVOID DAMAGING WALL WHILE UNDER CONSTRUCTION.
18. ANY SURFACE DRAINAGE FEATURES, FINISH GRADING, PAVEMENT, OR TURF SHALL BE INSTALLED IMMEDIATELY AFTER WALL IS COMPLETED.
19. FOLLOW APPLICABLE PROVISIONS OF THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.

RETAINING WALL NOTES

NOT FOR CONSTRUCTION FOR PERMIT USE ONLY

DATE: 1-10-22 SCALE: DETAILS DRAWN BY: MJM DESIGN BY: MEB APPROVED BY: JPC PROJECT NO: 22102 SITE NO. 1

REVISION

NO.	REVISION	DATE
1	REV PER RESPONSE TO COMMENTS	2-13-23

APP'D

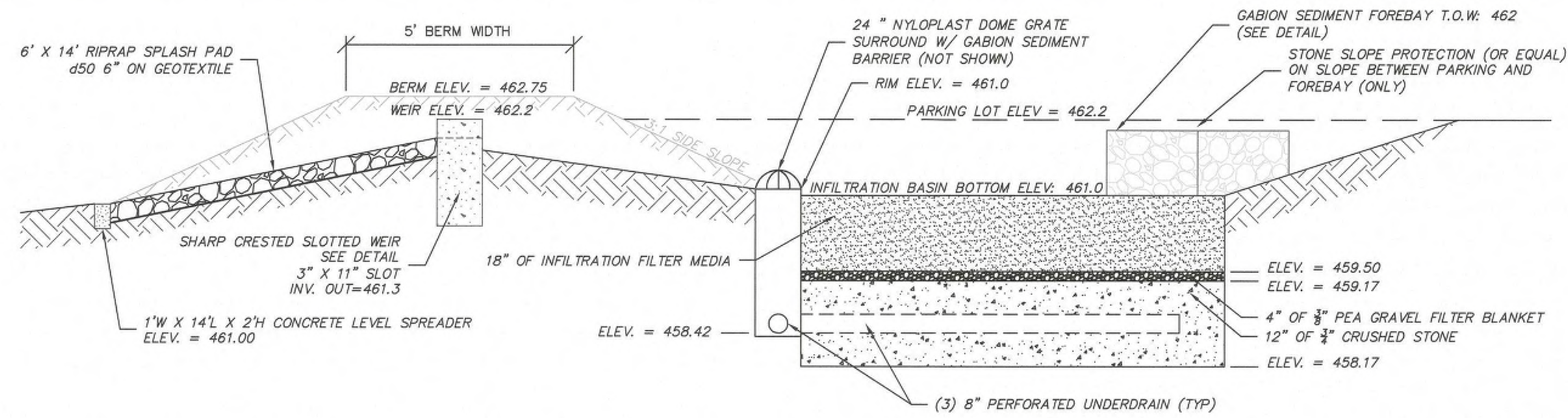
CIVILWORKS NEW ENGLAND
181 Wilson Road, PO Box 1166
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BREEZELINE UNCASVILLE CT
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UNCASVILLE, CT

DETAIL SHEET

11



INFILTRATION FILTER MEDIA SPECIFICATIONS			
COMPONENT MATERIAL	PERCENT OF MIXTURE BY VOLUME	GRADATION OF MATERIAL	
		SIEVE NO.	PERCENT BY WEIGHT PASSING STANDARD SIEVE
FILTER MEDIA OPTION A			
ASTM C-33 CONCRETE SAND	50 TO 55		
LOAMY SAND TOPSOIL, WITH FINES AS INDICATED	20 TO 30	200	15 TO 25
MODERATELY FINE SHREDDED BARK OR WOOD FIBER MULCH, WITH FINES AS INDICATED	20 TO 30	200	< 5
FILTER MEDIA OPTION B			
MODERATELY FINE SHREDDED BARK OR WOOD FIBER MULCH, WITH FINES AS INDICATED	20 TO 30	200	< 5
LOAMY COARSE SAND	70 TO 80	10	85 TO 100
		20	70 TO 100
		60	15 TO 40
		200	8 TO 15

NOTES:

- CONSTRUCT GRASSED OVERFLOW SPREADER EARLY DURING INITIAL CONSTRUCTION TO ESTABLISH TURF PRIOR TO CONSTRUCTION OF INFILTRATION SYSTEM.
- DO NOT BEGIN CONSTRUCTION OF THE INFILTRATION AREA UNTIL LAWN AREA ON THE ENTIRE SITE AREA ESTABLISHED WITH AT LEAST 80 PERCENT TURF. FILTER ALL DRAIN INLETS IN THE SEDIMENT FOREBAYS TO PREVENT SILTATION INTO THE INFILTRATION AREA.
- THE INFILTRATION BASIN SUBGRADE SHALL BE EXCAVATED TO THE DESIGN DEPTH PLUS TWO (2) INCHES. AT THAT DEPTH FOUR (4) INCHES OF COMPOST SHALL BE TILLED INTO THE EXISTING SOILS SUCH THAT THE SOILS ARE WELL MIXED.
- DO NOT DRIVE CONSTRUCTION EQUIPMENT ON FILTER SUBGRADE NOR ON THE FILTER MATERIAL. INSTALL FILTER MATERIAL BY MEANS OF AN EXCAVATOR LOCATED ADJACENT TO THE FILTER AREA.
- MATERIALS: STONE SHALL CONTAIN NO MORE THAN 5% FINES PASSING THE #200 SIEVE. TOPSOIL SHALL CONTAIN 15 TO 25% FINES PASSING THE #200 SIEVE. MULCH SHALL BE SHREDDED HARDWOOD, AGES IN A STOCKPILE OR STORED FOR AT LEAST 12 MONTHS. NON-WOVEN GEOTEXTILE BE 4 TO 6 OZ. PER SQUARE YARD WITH A.O.S. OF #70 SIEVE OR LOWER, AND A MINIMUM FLOW RATE OF 125 GAL PER SQUARE FEET.
- REFER TO LANDSCAPING DRAWINGS FOR GRASS SEED MIXES AND PLANTINGS. FERTILIZATION OF THE FILTER AREA SHALL BE AVOIDED UNLESS ABSOLUTELY NECESSARY TO ESTABLISH VEGETATION.
- INITIAL ESTABLISHMENT: DURING THE FIRST 2-3 MONTHS OF ESTABLISHMENT WATER THE INFILTRATION BASIN ON A WEEKLY BASIS (TO SUPPLEMENT RAINFALL FOR TOTAL OF 1 INCH PER WEEK).
- ANNUAL MAINTENANCE: IN THE SPRING OF EACH YEAR, ANY DEAD VEGETATION SHALL BE REMOVED TO ALLOW FOR NEW GROWTH, AND ANY ACCUMULATED SEDIMENT (NORMALLY AT THE ENTRANCE TO THE GARDEN) SHALL ALSO BE REMOVED. DURING THE GROWING SEASON THE INFILTRATION BASIN SHALL BE WEEDED TWO (2) TIMES AND ADDITIONAL HARDWOOD MULCH SHALL BE ADDED AS NEEDED TO ASSIST IN WEED SUPPRESSION. TURF AT FILTER SHALL BE MOWED NO MORE THAN 3 TIMES PER GROWING SEASON. IF WATER PONDS ON THE SURFACE FOR MORE THAN 24 HOURS DURING THE FIRST YEAR OR 72 HOURS THEREAFTER, THE FILTER SURFACE SHALL BE AERATED WITH DEEP TINES OR THE SURFACE REPLACED.

CONCRETE NOTES:

- CONCRETE SHALL BE 5000 PSI MINIMUM COMPRESSIVE STRENGTH, MAXIMUM WATER/CEMENT RATIO OF 0.400, USING HIGH RANGE WATER REDUCING ADMIXTURE AND CONTAINING FROM 5 TO 9 PERCENT ENTRAINED AIR.
- REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60; FUSION BONDED EPOXY COATED TO ASTM A775.
- CLEARANCES FOR REINFORCEMENT SHALL BE 3" OF CLEAR COVER AT ALL EXPOSED SURFACES OR OTHER FORMED SURFACES, UNLESS OTHERWISE NOTED.
- CONSTRUCTION JOINTS SHALL NOT BE USED, UNLESS APPROVED OTHERWISE.
- REINFORCING SHALL BE FULLY SUPPORTED AND BE AT THE CORRECT LOCATION, SPACING AND CLEARANCE AT THE TIME THE CONCRETE IS PLACED.
- ALL CONCRETE SHALL BE PLACED IN DEWATERED CONDITIONS UNLESS OTHERWISE APPROVED FOR TREMIE PLACEMENT.
- WET CURING OF CAST-IN-PLACE CONCRETE IS TO BEGIN WITHIN 90 MINUTES AFTER CONCRETE FINAL SET.
- ALL FORMWORK FOR CIP CONCRETE SHALL BE LEFT IN PLACE AND CONCRETE SURFACES SHALL BE COVERED AND KEPT WET FOR A PERIOD OF NOT LESS THAN THREE (3) FULL DAYS AFTER CONCRETE PLACEMENTS.
- ALL EXPOSED FERROUS METAL, SUCH AS FORM TIES, NO LONGER IN USE SHALL BE RECESSED OR REMOVED TO A DEPTH OF ONE INCH BELOW THE SURFACE OF THE CONCRETE AND PATCHED WITH AN APPROVED POLYMER-MODIFIED CEMENTITIOUS MORTAR.
- EXPOSED CONCRETE TOP SURFACES SHALL BE TROWEL FINISHED.
- ALL CONCRETE, MORTAR AND GROUT SHALL USE TYPE II PORTLAND CEMENT. LIME IS NOT PERMITTED.
- THE CONTRACTOR SHALL PROVIDE CONCRETE TESTING INCLUDING AIR CONTENT AND COMPRESSIVE STRENGTH FOR EACH TRUCK LOAD TO SHOW CONFORMANCE WITH NH DOT CLASS AAA REQUIREMENTS. AIR CONTENT TESTS SHALL BE COMPLETED AT THE BEGINNING OF EACH TRUCK LOAD TO SHOW CONFORMANCE PRIOR TO ANY CONCRETE PLACEMENT INTO FORMS AND WITHIN LESS THAN 90 MINUTES FROM BATCHING. SUBMIT FIELD AND LAB TEST RESULTS.

RIP-RAP

STONE SHALL BE MACHINE PLACED TO FORM A COMPACTED DENSE MASS. THE RIPRAP STONE LAYERS SHALL USE HARD DURABLE STONE WITHIN THE SPECIFIED SIZE RANGE WELL INTERLOCKED WITH MINIMAL VOIDS BETWEEN STONES.

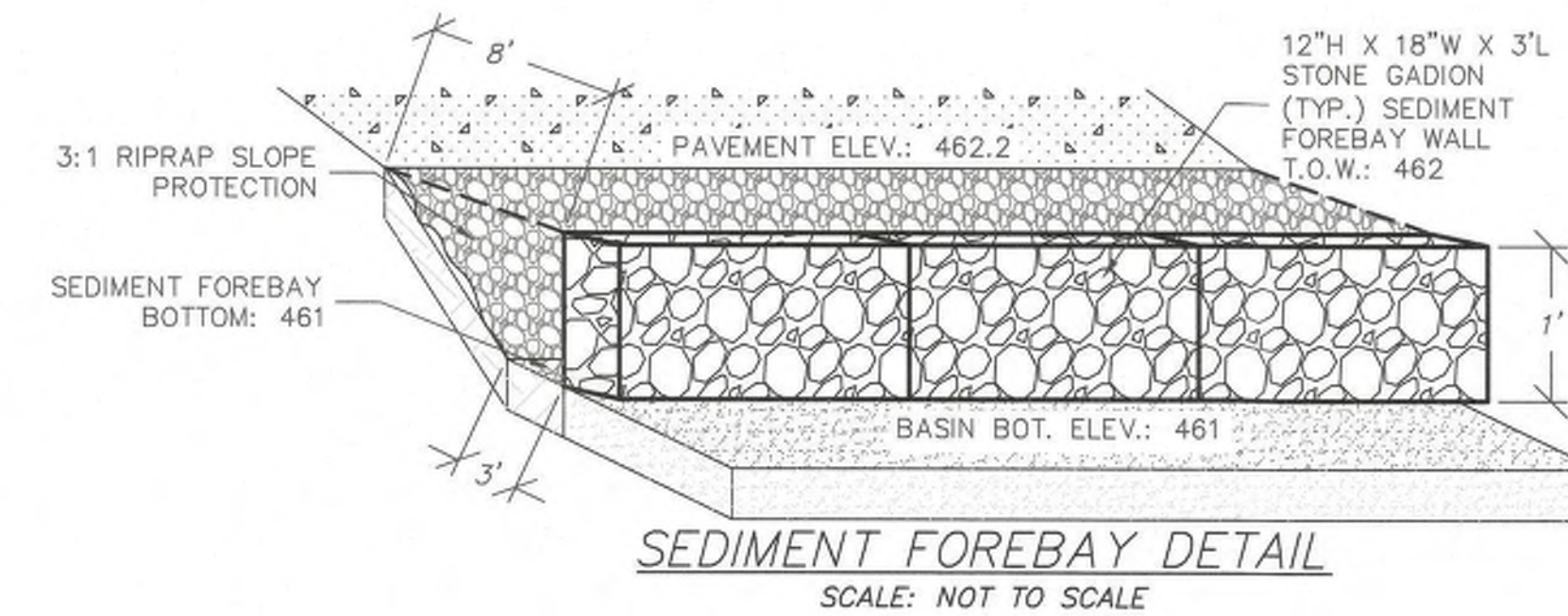
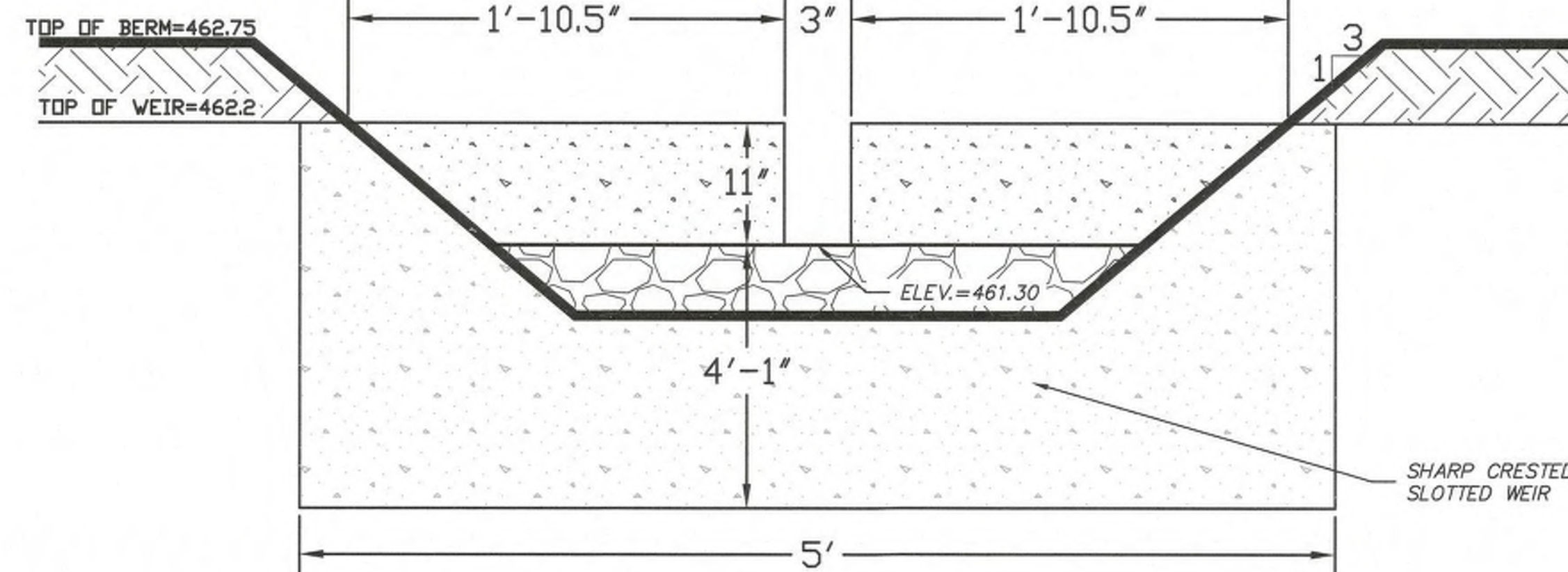
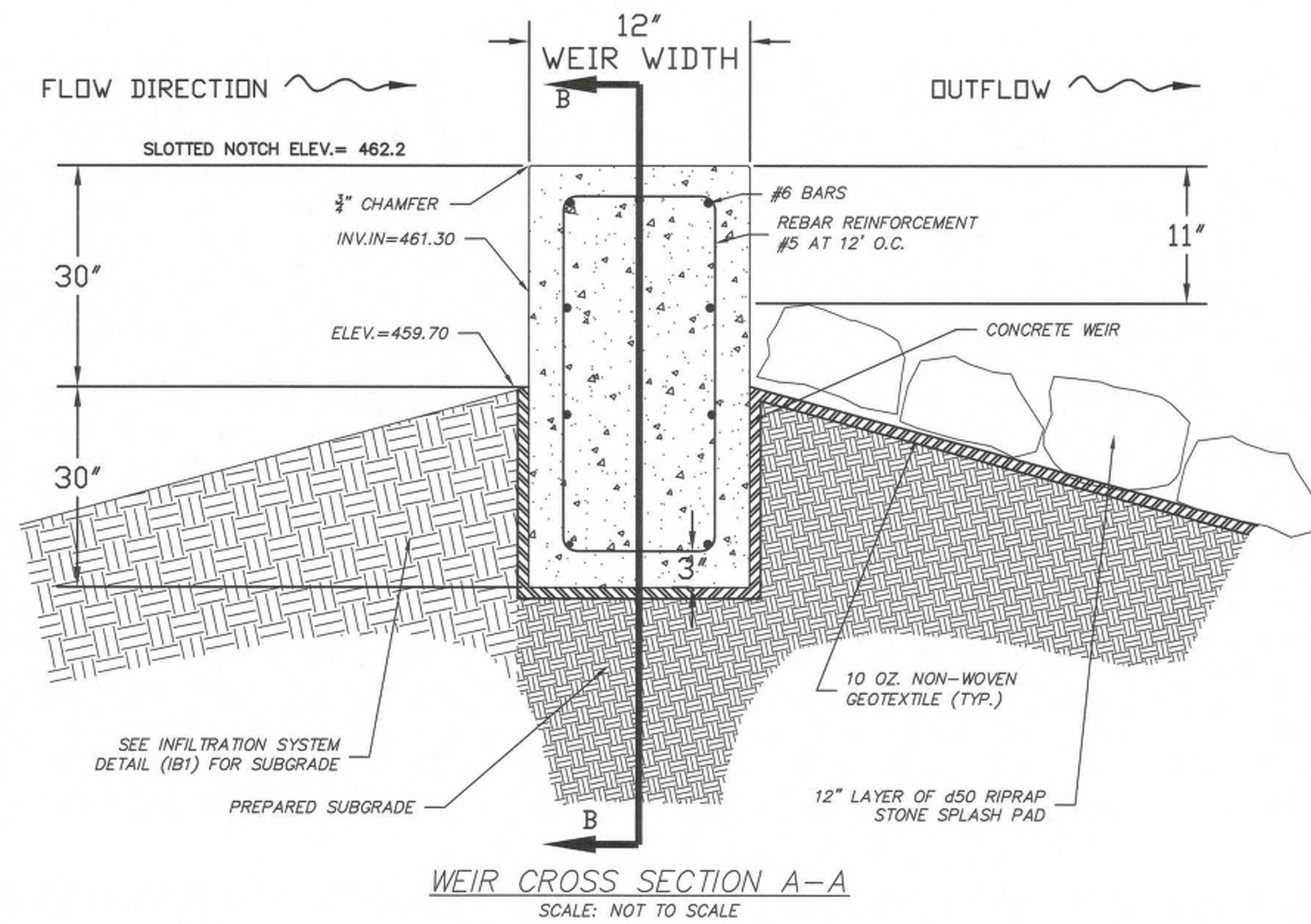
GEOTEXTILE SHALL BE A BLACK NON-WOVEN GEOTEXTILE MIN. 10 OZ/SY, SUCH AS PROPEX 4510 (GEOTEX 1071) OR EQUAL MEETING:

MINIMUM PHYSICAL REQUIREMENTS FOR GEOTEXTILE

PROPERTY	UNITS	ACCEPTABLE VALUES	TEST METHOD
GRAB STRENGTH	LBS	250	ASTM D 4632
SEAM STRENGTH	LBS	250	ASTM D 4632
PUNCTURE	LBS	150	ASTM D 4833
TRAPEZOIDAL TEAR	LBS	100	ASTM D 4533
APPARENT OPENING SIZE	U.S. SIEVE	100	ASTM D 4751

INFILTRATION BASIN DETAIL (IB1)

NOT TO SCALE



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CIVILWORKS NEW ENGLAND
181 Watson Road, PO Box 1166
Dover, New Hampshire 03821
603.749.0443

DATE: 1-10-22
SCALE: DETAILS
DRAWN BY: M.M.
DESIGN BY: MEB
APPROVED BY: JPC
PROJECT NO: 22102
FILE: 22102-SITE

DATE: 2-13-23
JPC
APPD

REVISION

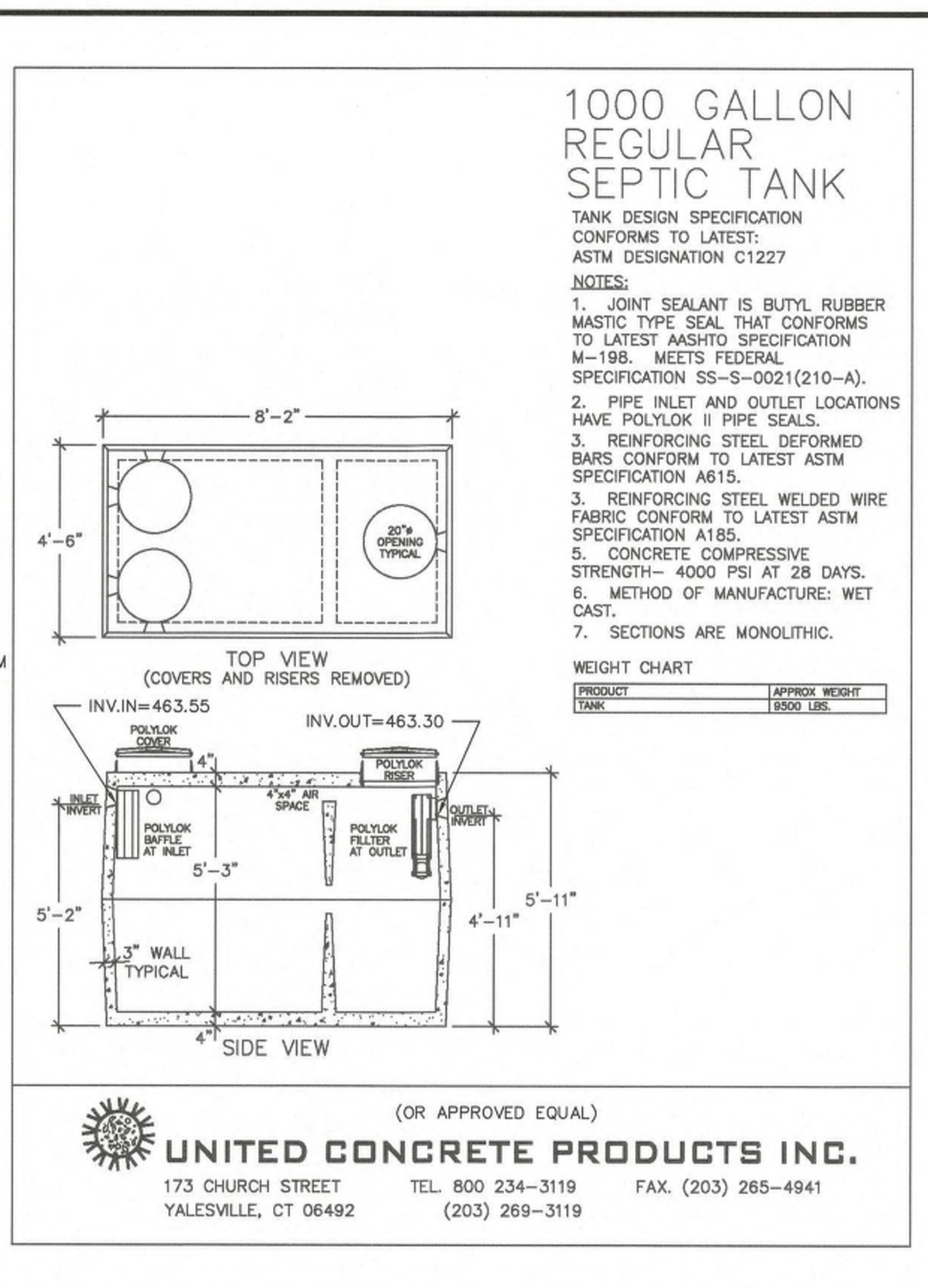
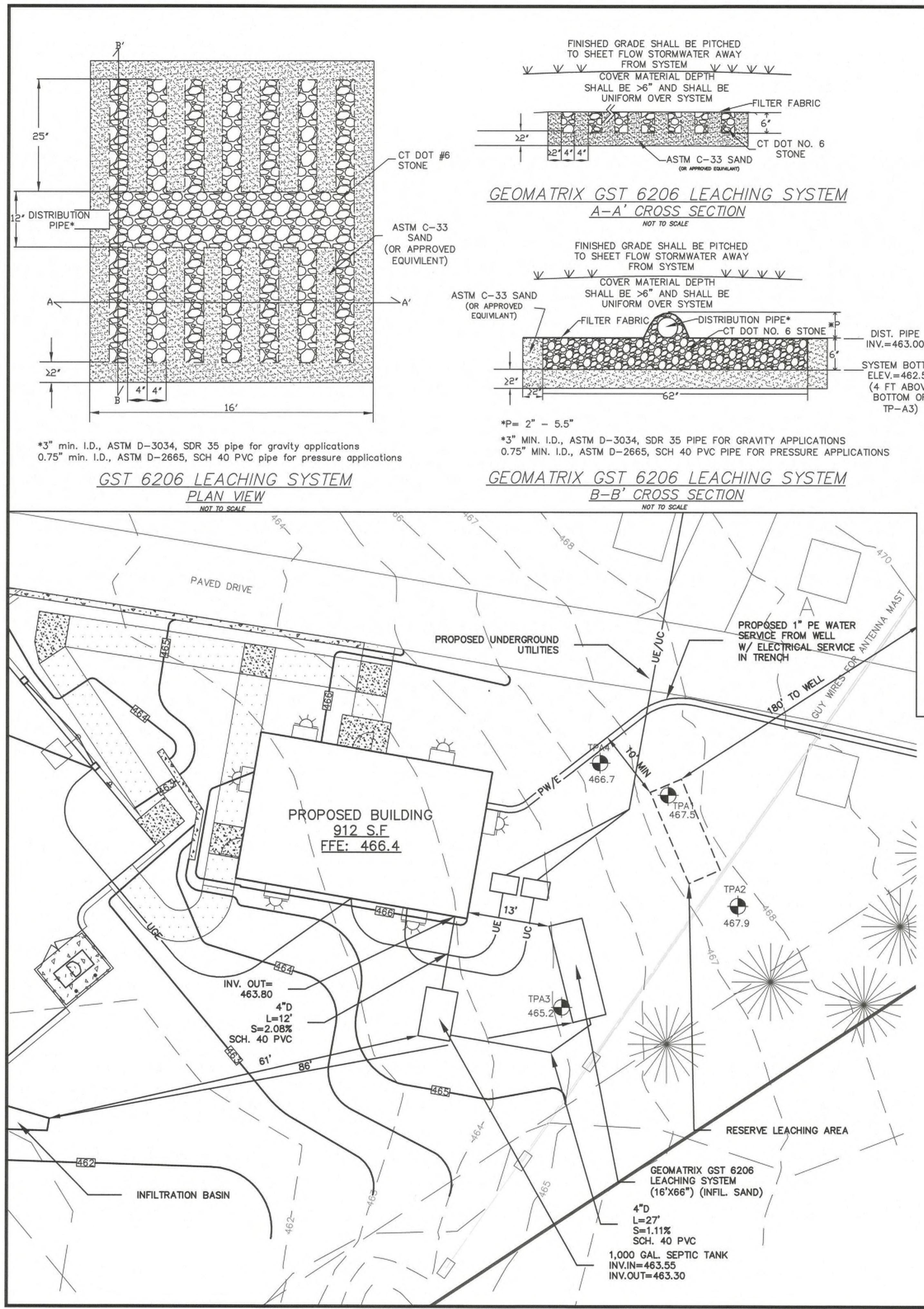
NO. 20965
LICENSED PROFESSIONAL ENGINEER
STATE OF CONNECTICUT

ATLANTIC BROADBAND (CT) LLC
689 OLD COLCHESTER ROAD
UNCASVILLE, CT

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DETAIL SHEET

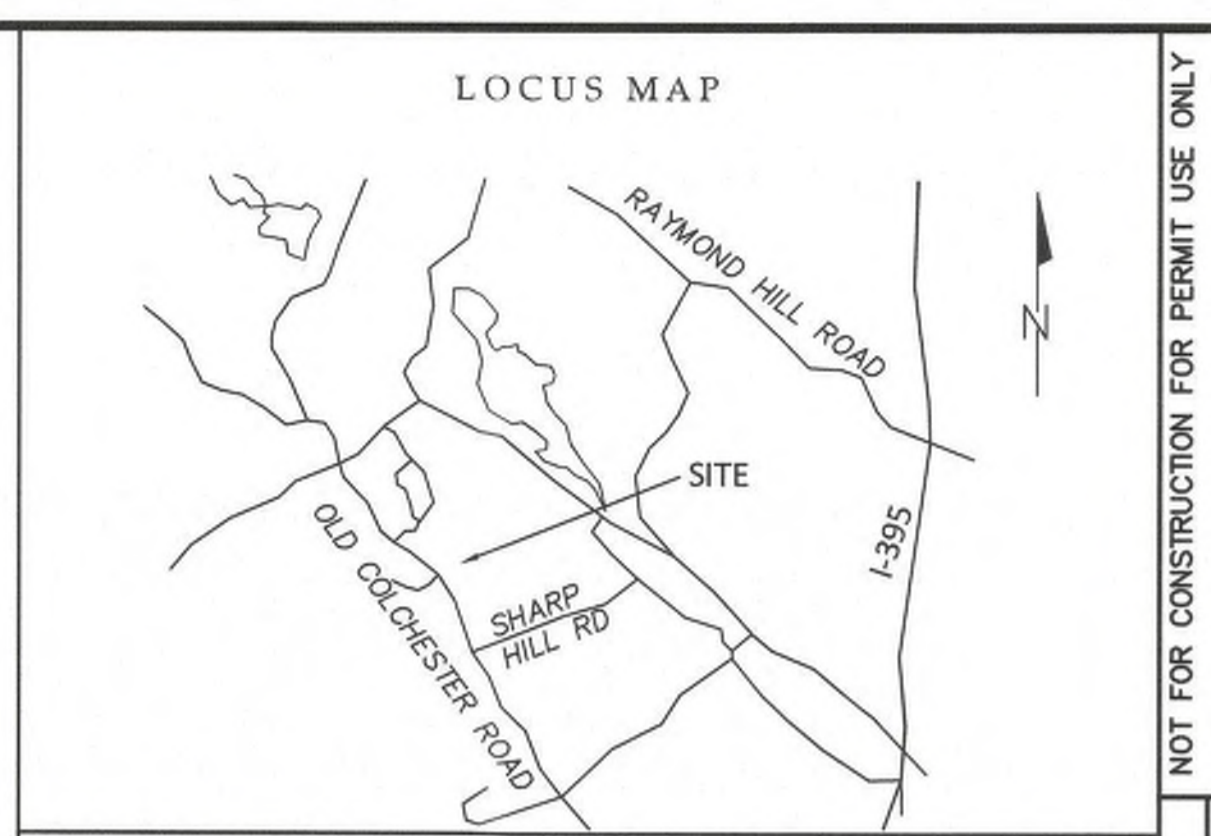
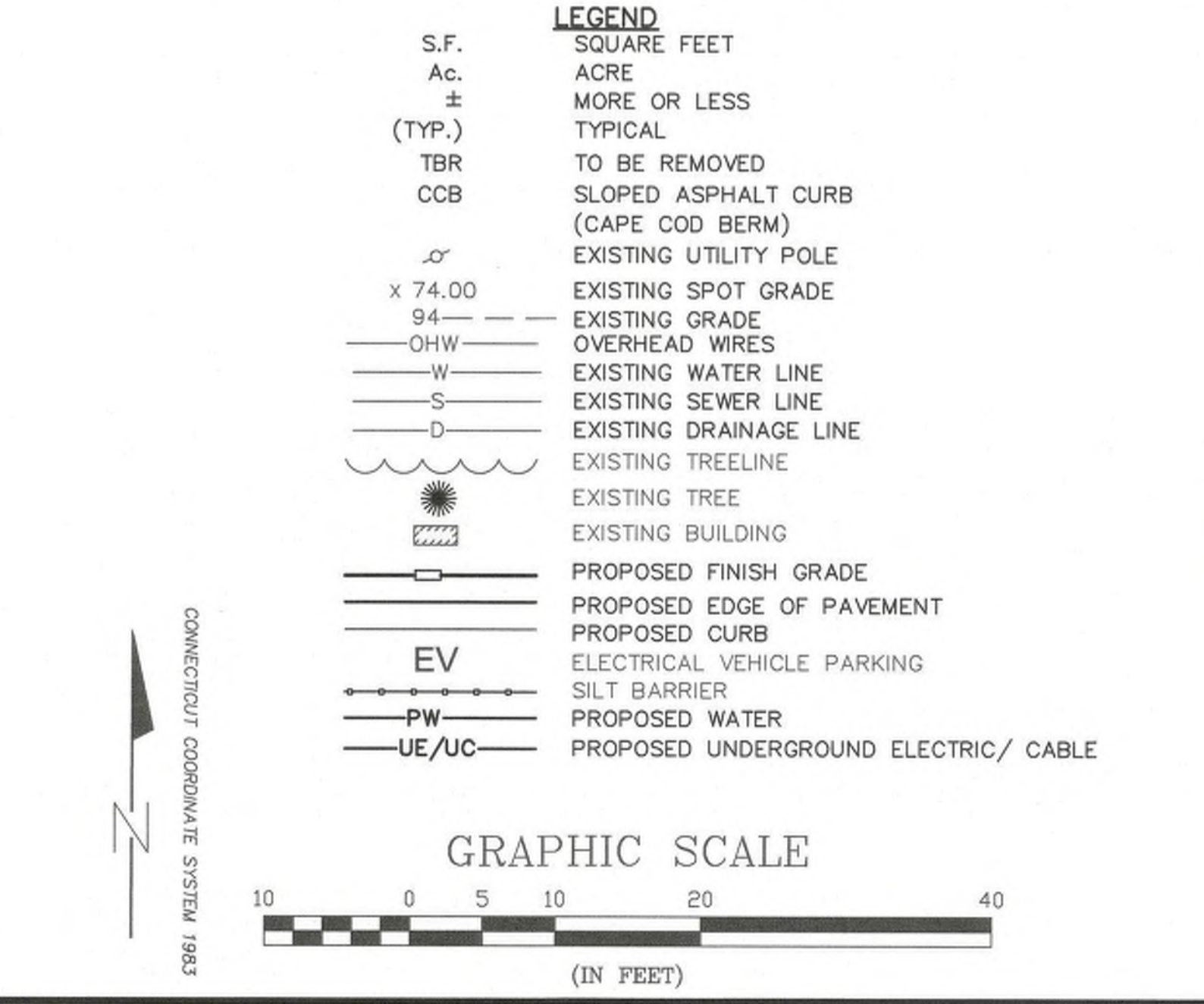
12



PERCOLATION TEST RESULTS DATED: 12-21-22
 LOGGED BY: MARK BEAUDRY, PE, SOIL EVALUATOR
 DEPTH/LOCATION - 50" TO 63" AT TP-A3
 PRESOAK - START AT 1:30 PM, HOLE DRY AT 2:21 PM

TIME	WATER DEPTH IN HOLE
2:16	12"
2:21	11.5"
2:26	11" MINUS
2:33	10"
2:39	9.25"
2:45	8.5"
2:50	8"
2:55	7.5"
3:00	7"

PERC RATE = 10 MPI



SEPTIC SYSTEM NOTES:

- THE SEPTIC SYSTEM SHOWN ON THIS PLAN HAS BEEN DESIGNED FOR A NON-RESIDENTIAL OFFICE USE WITH NO FOUNDATION DRAINS.
- PROVIDE A NEW REINFORCED CONCRETE SEPTIC TANK WITH A MINIMUM CAPACITY OF 1,000 GALLONS.
- THE PIPE FROM THE BUILDING TO THE SEPTIC TANK SHALL BE A PVC SCHEDULE 40, ASTM D 1785 WITH RUBBER COMPRESSION GASKETS OR SOLVENT WELD COUPLINGS & FITTINGS OR APPROVED EQUIVALENT. PIPE SHALL BE SET AT A MINIMUM GRADE OF 1/8" PER FOOT.
- THE DISCHARGE PIPE FROM THE SEPTIC TANK AND THE OVERFLOW PIPES SHALL BE 4" SOLID SCHEDULE 40 P.V.C. AND TO SET AT A MINIMUM GRADE OF 1/8" PER FOOT.
- THE SURFACE AREA SHALL BE LOAMED, LIMED, FERTILIZED AND SEED AS SOON AS IT IS PRACTICAL AFTER THE SYSTEM HAS BEEN INSTALLED.
- TEST PITS AND PERCOLATION TESTS WERE PERFORMED ON THIS SITE AND THE RESULTS AND LOCATIONS ARE AS SHOWN ON THIS PLAN.
- THE PROPOSED BUILDING ON THIS PROPERTY WILL NOT HAVE FOOTING DRAINS.
- A LICENSED ENGINEER OR SURVEYOR SHALL BE REQUIRED TO STAKE OUT THE SYSTEM PRIOR TO CONSTRUCTION.
- NO KNOWN WELLS (ABUTTING OR PROPOSED) WITHIN 75' OF PROPOSED LEACHING SYSTEM, NOR WITH WITHDRAWAL RATES OF 10 GPM OR GREATER.
- BACKFILL WATER LINE WITHIN 25' OF LEACHING SYSTEM (PRIMARY AND RESERVE) WITH NON-FREE DRAINING MATERIAL.
- 7 PERSON MAX. OCCUPANCY PER BUILDING CODE.

SEPTIC SYSTEM DESIGN
 PROPOSED TOTAL FLOW BASED ON CT PUBLIC HEALTH STANDARDS:
 912 S.F./200 S.F. PER PERSON = 4.5 EMPLOYEES USE 7 EMPLOYEES (SEE NOTE 11)
 7 EMPLOYEES x 20 GPD/PERSON = 140 GPD
 TOTAL DESIGN FLOW = 140 GPD

EFFECTIVE LEACHING AREA REQUIRED (ELA) (PRIMARY & RESERVE LEACHING SYSTEM)
 DESIGN PERCOLATION RATE = 10 MIN./INCH

APPLICATION RATE=1.5 GPD/SF OF ELA
 REQ'D LEACHING AREA=140 GPD/1.5 GPD/SF = 93.3 SF
 USING GEOMATRIX GST 6206; ELA=5.9 SF/LF
 LENGTH=93.3 SF/5.9 SF/LF = 15.8 FT > USE 16 FT
 LEACHING AREA PROVIDED=16 FT (5.9 SF/LF) = 94.4 SF (OK)

SELECT FILL SPECIFICATIONS
 SELECT FILL MATERIAL AND "SELECT BACKFILL MATERIAL", PLACED WITHIN AND ADJACENT TO PROPOSED LEACHING AREAS SHALL BE COMPRISED OF CLEAN SAND AND GRAVEL, FREE FROM ORGANIC MATTER AND FOREIGN SUBSTANCES. THE FILL MATERIAL SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS OTHERWISE APPROVED BY A PROFESSIONAL ENGINEER FOR USE WITHIN THE LEACHING AREA.

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

SIEVE SIZE	PERCENT PASSING (WET)	PERCENT PASSING (DRY)
#4	100%	100%
#10	70%-100%	70%-100%
#40	10%-50% (SEE NOTE)	10%-75%
#100	0%-5%	0%-5%
#200	0%-5%	0%-2.5%

NOTE: PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10% AND THE #200 DOES NOT EXCEED 5%.

THE RESPONSIBILITY FOR THE PREPARATION OF A LEACHING AREA UTILIZING "SELECT MATERIAL" IS THAT OF THE LICENSED INSTALLER. THE INSTALLER SHALL TAKE THE NECESSARY STEP AS TO PROTECT THE UNDERLYING NATURALLY OCCURRING SOILS FROM OVER COMPACTION AND SILTATION ONCE EXPOSED.

TEST PIT DATA
 LOGGED BY: MARK BEAUDRY, PE, SOIL EVALUATOR
 WITNESSED BY: DAVID COUGHLIN, ENV. SANITARIAN, UNCAS HEALTH DISTRICT
 DATE: 12/21/22 WITH DEEPER EXCAVATION AT A1 AND A2 ON 1/6/23.

TEST PIT NO. A1

DEPTH (IN)	HORIZON	TEXTURE
0-8	B	LOAM
8-30	B	FINE SANDY LOAM (FSL)
30-40	C1	FINE SANDY LOAM (FSL)
40-121	C2	LOAMY SAND (LS)

ESHWT = NONE SURFACE ELEV.=467.5
 OBSERVED WATER = NONE BOTTOM OF TP=457.4
 RESTRICTIVE LAYER = NONE
 REFUSAL = NONE

PERCOLATION TEST: 50"-63" (IN C2) RATE: 10 MIN/IN

TEST PIT NO. A2

DEPTH (IN)	HORIZON	TEXTURE
0-8	A	LOAM
8-20	B	FINE SANDY LOAM (FSL)
20-36	C1	FINE SANDY LOAM (FSL)
36-114	C2	LOAMY SAND (LS)

ESHWT = NONE SURFACE ELEV.=467.9
 OBSERVED WATER = NONE BOTTOM OF TP=458.4
 RESTRICTIVE LAYER = NONE
 REFUSAL = NONE

TEST PIT NO. A3

DEPTH (IN)	HORIZON	TEXTURE
0-8	A	LOAM
8-24	B	FINE SANDY LOAM (FSL)
24-40	C1	FINE SANDY LOAM (FSL)
40-80	C2	LOAMY SAND (LS)

ESHWT = NONE SURFACE ELEV.=465.2
 OBSERVED WATER = NONE BOTTOM OF TP=458.5
 RESTRICTIVE LAYER = NONE
 REFUSAL = NONE

TEST PIT NO. A4

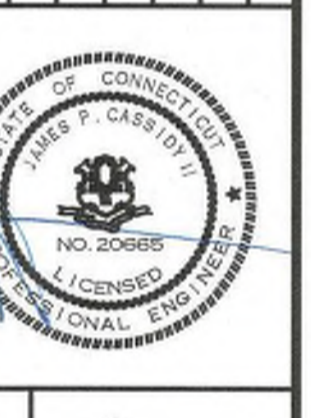
DEPTH (IN)	HORIZON	TEXTURE
0-8	A	LOAM
8-24	B	FINE SANDY LOAM (FSL)
24-76	C1	FINE SANDY LOAM (FSL)

ESHWT = NONE SURFACE ELEV.=466.7
 OBSERVED WATER = NONE BOTTOM OF TP=460.4
 RESTRICTIVE LAYER = NONE
 REFUSAL = NONE

NOTE:
 1. PERC RATE AT A4 ANTICIPATED TO BE SLOWER THAN PITS WITH LS (C2) AVOID THIS TEST PIT AREA WITH SYSTEM.
 2. PER GEOTECHNICAL REPORT, NO ROCK/REFUSAL TO A DEPTH OF 10 FT AT SOUTHEAST AND NORTHEAST BUILDING CORNERS.

NOT FOR CONSTRUCTION FOR PERMIT USE ONLY

DATE	REVISION	APPROVED
2-13-23	JFC	
2-13-23	JFC	



SEPTIC SYSTEM PLAN

ATLANTIC BROADBAND (CT) LLC
 689 OLD COLCHESTER ROAD
 UNCASVILLE, CT

BREEZELINE UNCASVILLE CT
 689 OLD COLCHESTER ROAD
 UNCASVILLE, CT

SS-2