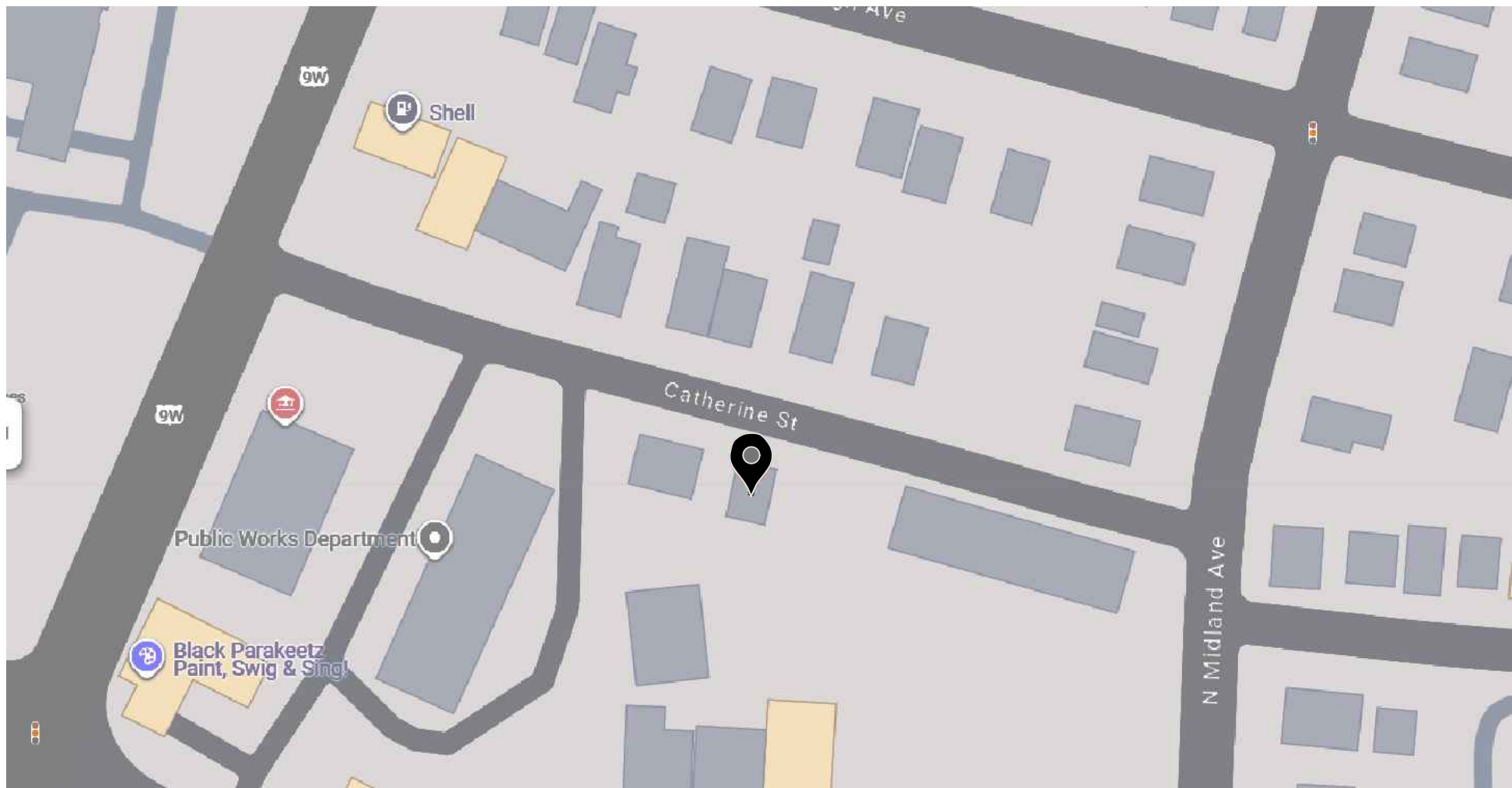


55 W CATHERINE STREET
NYACK, NY

STORMWATER MANAGEMENT PLAN



LOCATION MAP

SCALE: NTS

- SECTION: 65.36
- BLOCK: 2
- LOT: 18.1, 18.2

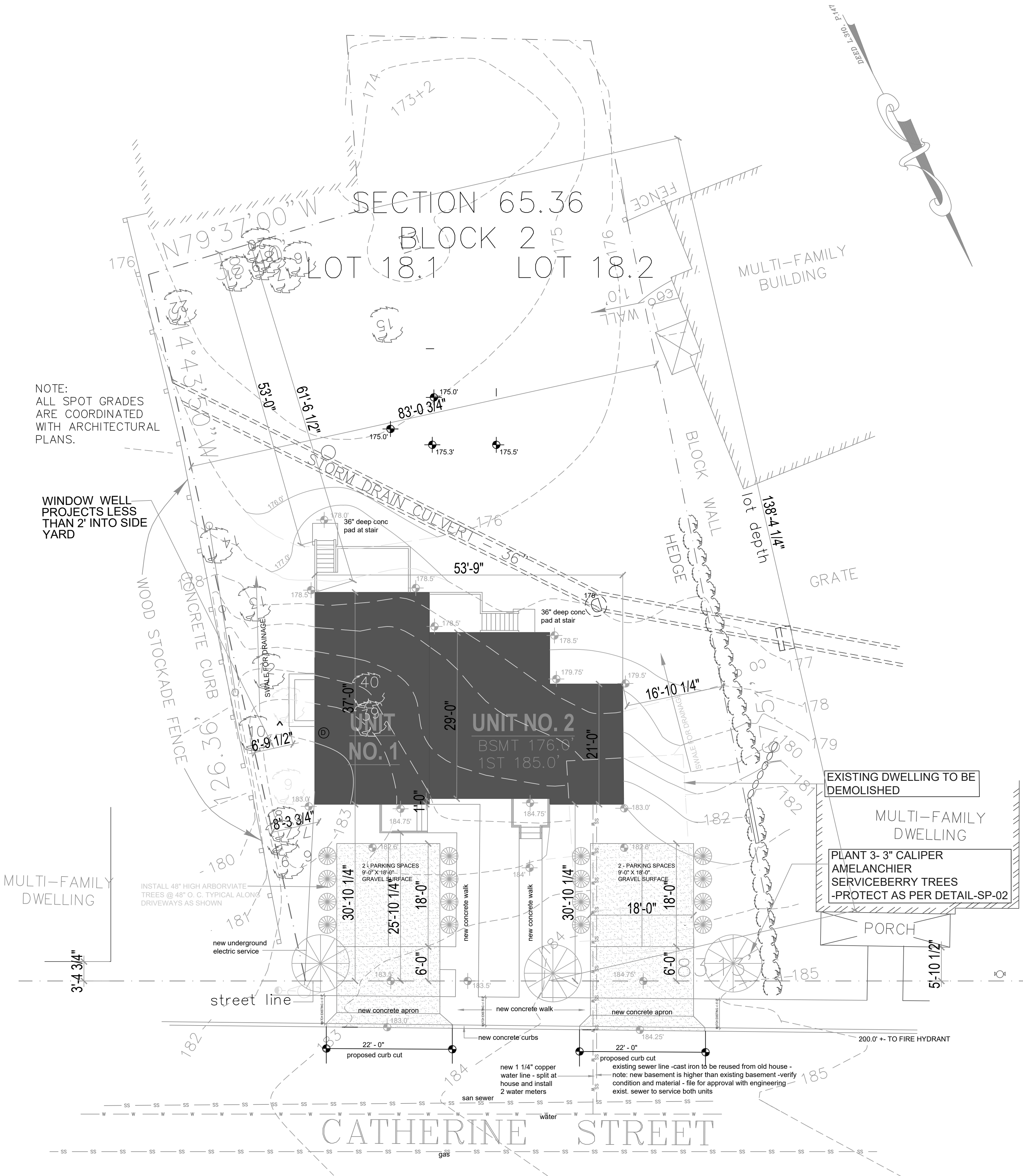
NOTES:

1. A SCOPE OF WORK SHALL BE LIMITED TO THE INSTALLATION OF A NEW CULTEC SYSTEM FOR ONE TWO-FAMILY DWELLING UNITS UNDER THIS APPLICATION.
2. NO OTHER WORK SHALL PLACE UNDER THIS APPLICATION.
3. CONTRACTOR TO CALL 811 AND HAVE ALL UNDERGROUND UTILITY LINES LOCATED AND MARKED PRIOR TO DIGGING.
4. DEEP TEST HOLE WAS DUG 3 FEET DEEPER THAN THE BOTTOM OF THE DRY WELL SYSTEM ESTIMATED DEPTH.
5. STORM DRAIN CULVERT IS APPROXIMATELY 10.5’ BELOW GRADE. AT LEAST 5’ OF CLEARANCE WILL BE PROVIDED BETWEEN STORM CULVERT AND UNDERGROUND ROOF AND LEADER DRAINS CONNECTED TO CULTEC SYSTEM.
6. ARCHITECT TO CONSULT WATER ENGINEER FOR EROSION CONTROL.
7. MAINTENANCE AGREEMENT SHALL BE EXECUTED WITH THE OWNER AND THE TOWN.

EXISTING IMPERVIOUS AREA FOR EXIST. HOUSE	450 SF
NEW AREAS	
UNIT NO. 1	740 SF
UNIT NO. 2	877 SF
TOTAL	1617 SF

NEW IMPERVIOUS AREAS	
UNIT NO. 1 WALKWAY	90 SF
UNIT NO. 1 DRIVEWAY	344 SF
UNIT NO. 2 WALKWAY	95 SF
UNIT NO. 2 DRIVEWAY	327 SF
TOTAL	856 SF

TOTAL IMPERVIOUS AREA	2473 SF
-----------------------	---------



PROPOSED PLOT PLAN

SCALE: 3/32" = 1' - 0"

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ISSUE DATES:

No.	DATE	DESCRIPTION
1	06.08.24	ISSUED
2	10.12.24	BD REVISION
3	02.15.25	BROOKER REVISION
4	04.19.25	BROOKER REVISION
5	06.07.25	REVISION
6	06.16.25	PB REVISION

PROJECT:

55 W
CATHERINE STREET
NYACK
NEW YORK

DRAWING TITLE:

EXIST. LOCATION
& PROP. SITE
PLAN

SCALE: AS SHOWN

DATE: 06.08.2024

PROJECT No: 2017-64

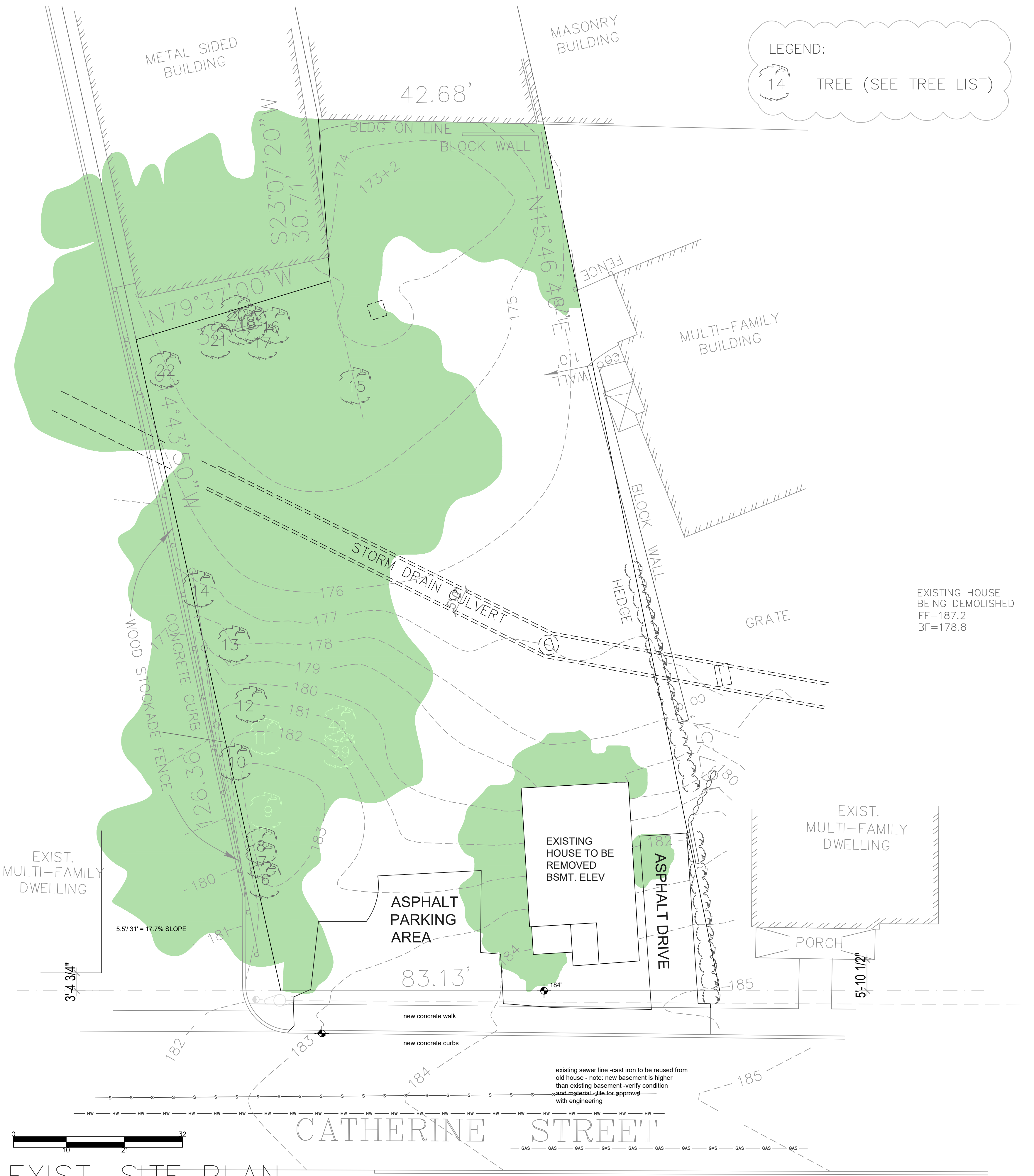
DRAWING BY: ME

CHK BY: JG

SHEET No.:

S1

24X36



LEGEND:

14 TREE (SEE TREE LIST)

TREE SCHEDULE	
6.	ASH, 12"
7.	MAPLE, 10"
8.	MAPLE, 24"
9.	MAPLE, 8" (REMOVED)
10.	MAPLE, 10"
11.	MAPLE, 10" (REMOVED)
12.	MAPLE, 10"
13.	MAPLE, 10"
14.	MAPLE, 8"
15.	MAPLE, 38"
16.	ASH, 12"
17.	ASH, 12"
18.	ASH, 16"
19.	ASH, 18"
20.	MAPLE, 10"
21.	MAPLE, 16"
22.	MAPLE, 22"
39.	MAPLE, 12" (REMOVED)
40.	MAPLE, 14" (REMOVED)

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PROJECT:

55 W
CATHERINE STREET
NYACK
NEW YORK

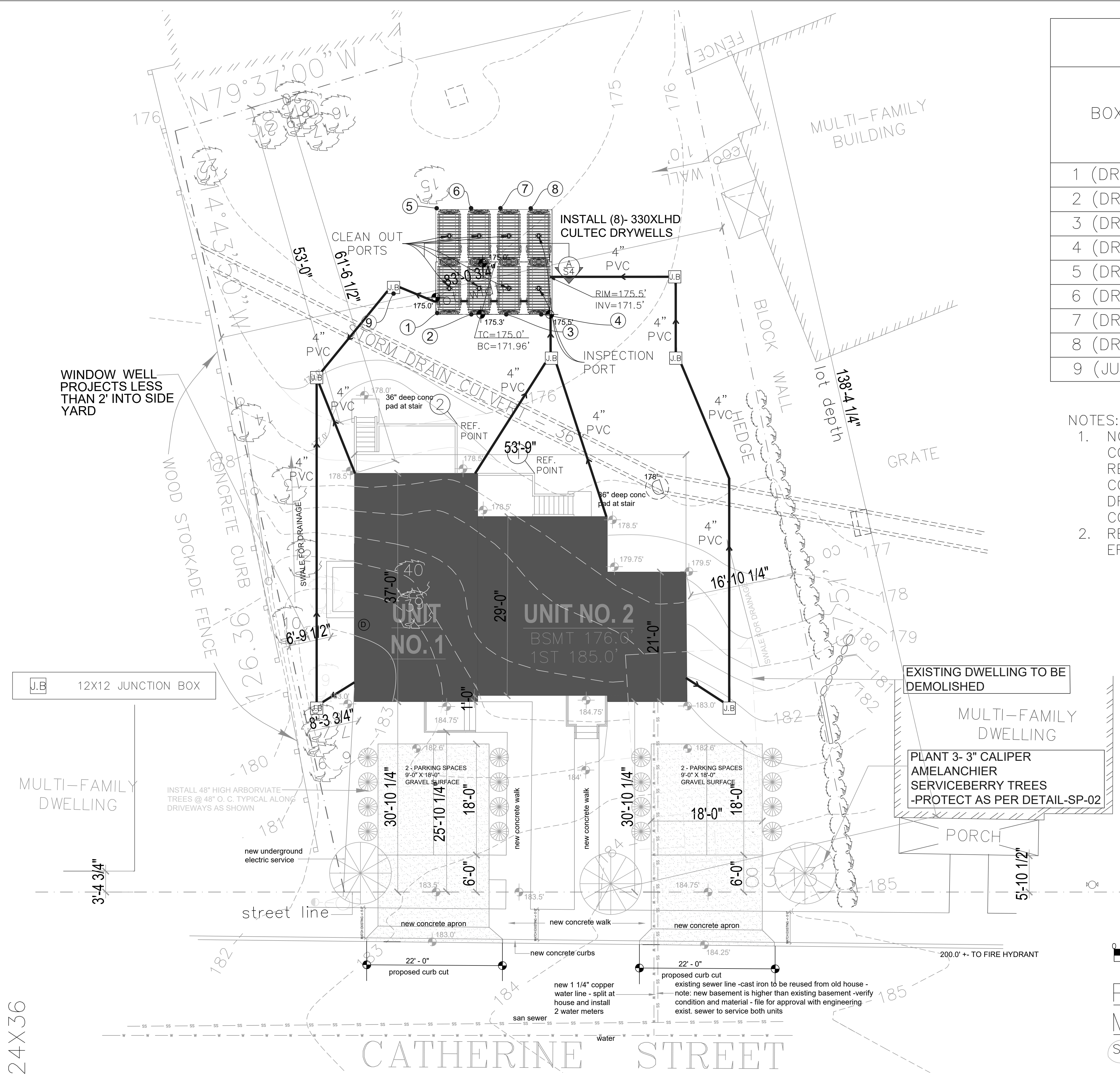
DRAWING TITLE:

EXIST.
SITE PLAN

SCALE:	AS SHOWN
DATE:	06.08.2024
PROJECT No:	2017-64
DRAWING BY:	ME
CHK BY:	JG

SHEET No.:

S2



CULTEC DRYWELLS COORDINATES		
BOX ID#	DISTANCE FROM REFERENCE POINT #1	DISTANCE FROM REFERENCE POINT #2
1 (DRYWELL)	30.3	18.0
2 (DRYWELL)	27.8	17.10
3 (DRYWELL)	26.2	19.5
4 (DRYWELL)	25.9	22.4
5 (DRYWELL)	45.7	34.11
6 (DRYWELL)	43.11	34.9
7 (DRYWELL)	43.1	35.5
8 (DRYWELL)	42.9	36.8
9 (JUNCT.)	37.0	23.6

- NOTES:
- NO TREES SHALL BE DISTURBED DURING CONSTRUCTION. EXISTING TREES TO REMAIN ARE TO BE PROTECTED WITH CONSTRUCTION FENCE PLACED AT THE DRIP LINE BEFORE CONSTRUCTION COMMENCES.
 - REFERENCE ARCHITECTURAL PLAN FOR EROSION CONTROL NOTES AND DETAILS.

PROP. STORMWATER MANAGEMENT PLAN

SCALE: 1/8" = 1'- 0"

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PROJECT:
55 W
CATHERINE STREET
NYACK
NEW YORK

DRAWING TITLE:
PROP.
STORMWATER
MANAGEMENT
PLAN

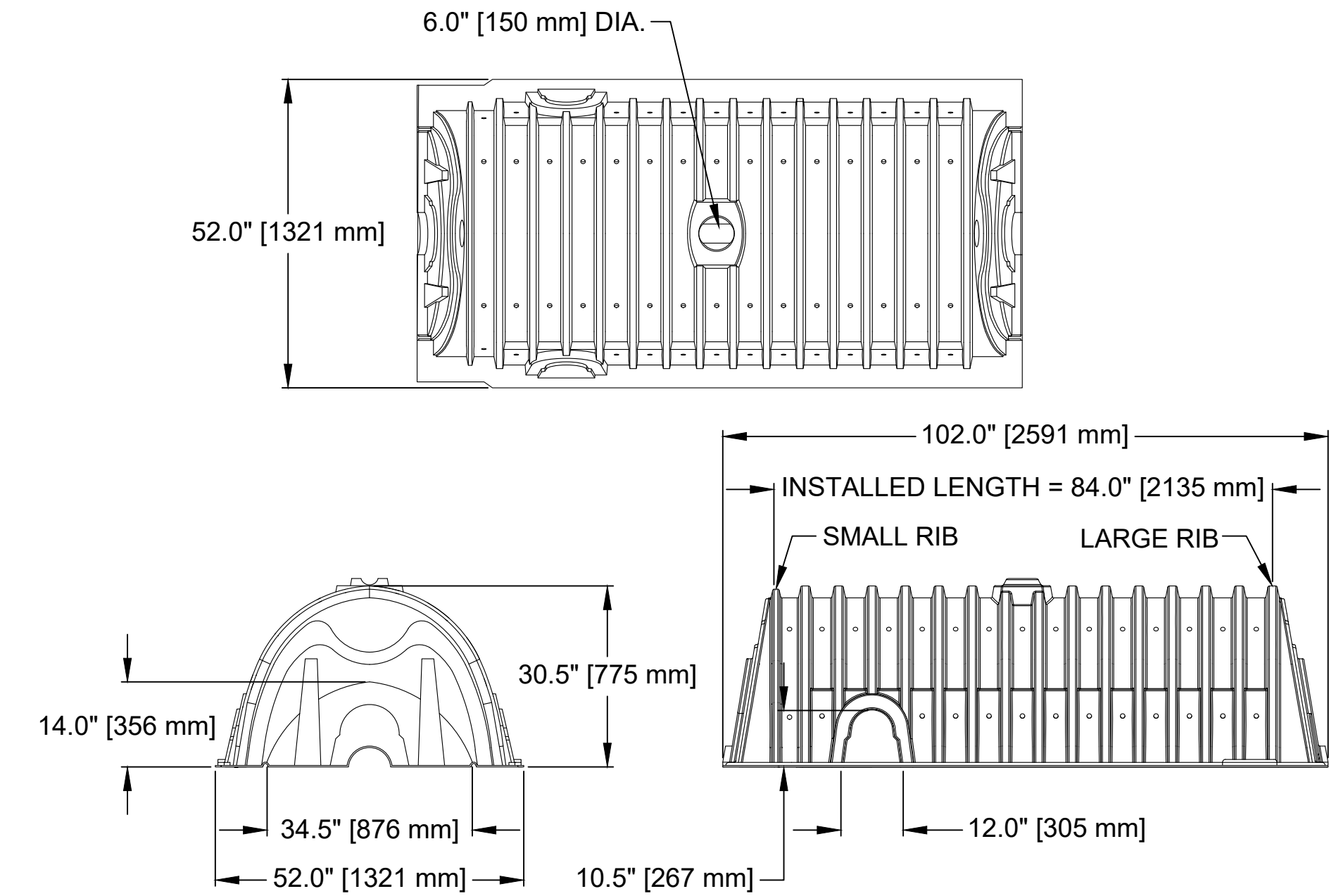
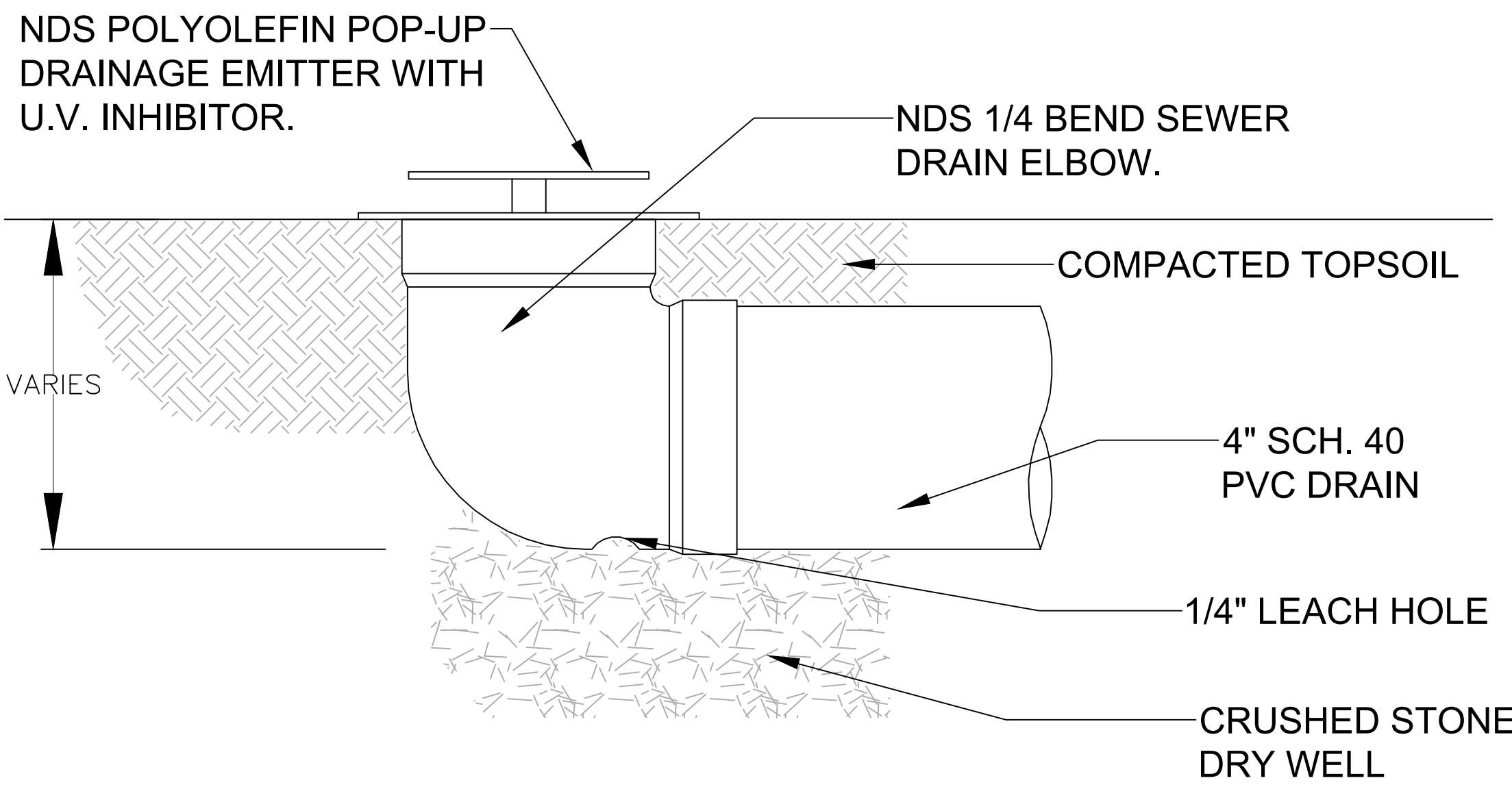
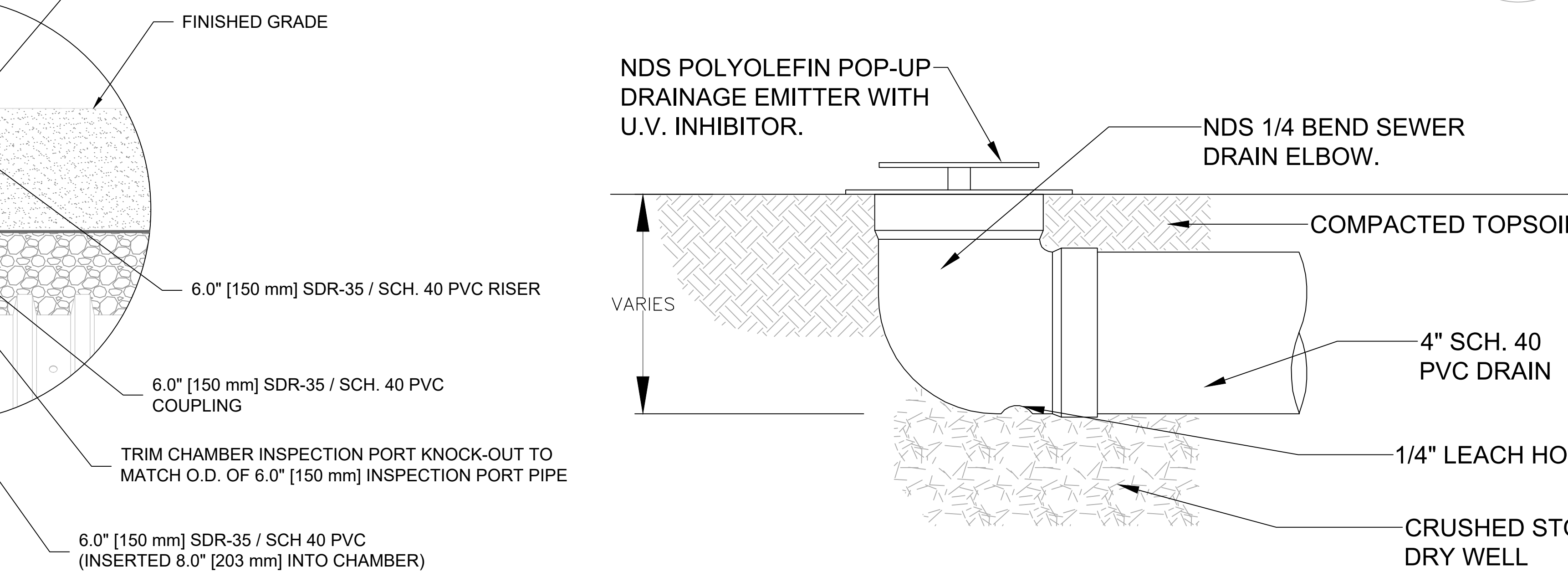
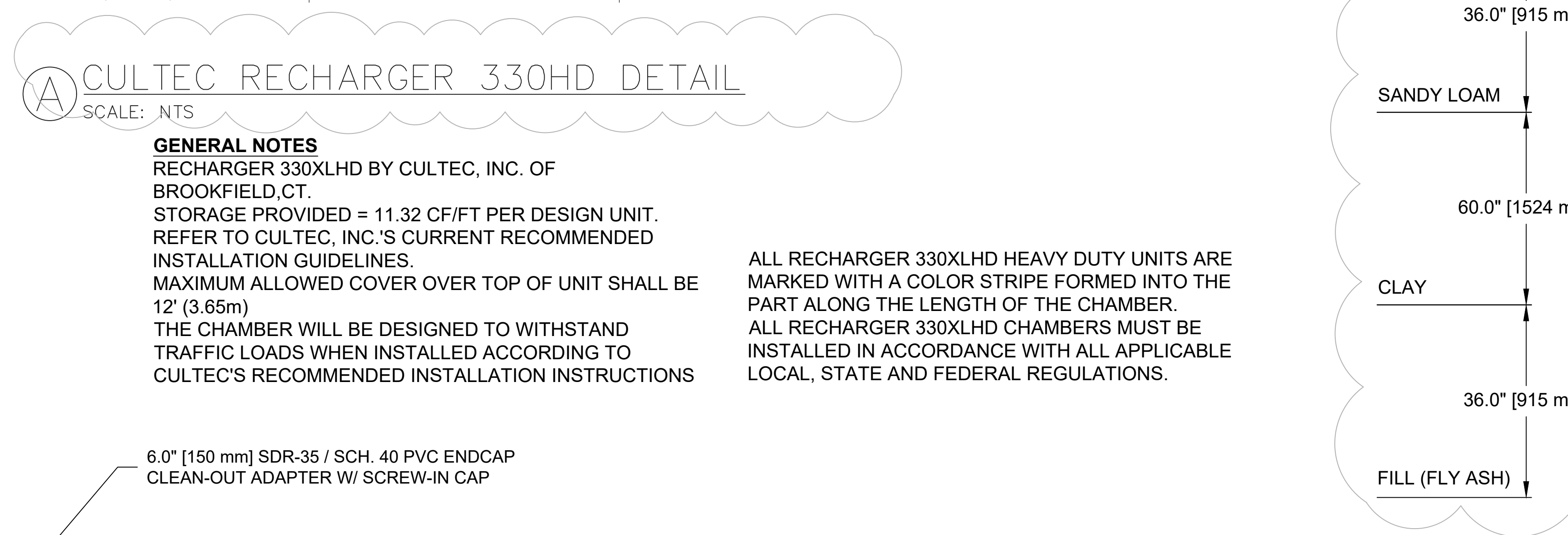
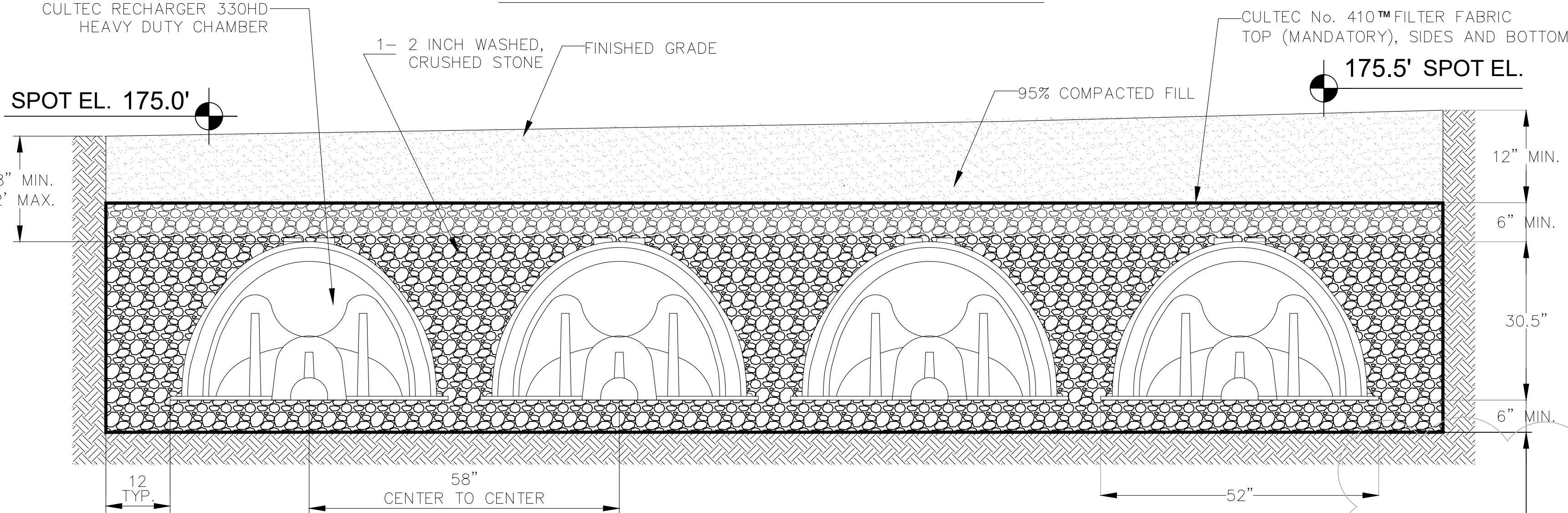
SCALE: AS SHOWN
DATE: 06.08.2024
PROJECT No: 2017-64
DRAWING BY: ME
CHK BY: JG

SHEET No.:

S3

CULTEC RECHARGER 330HD CHAMBER SYSTEM
UNPAVED TRAFFIC APPLICATION
CROSS SECTION DETAIL

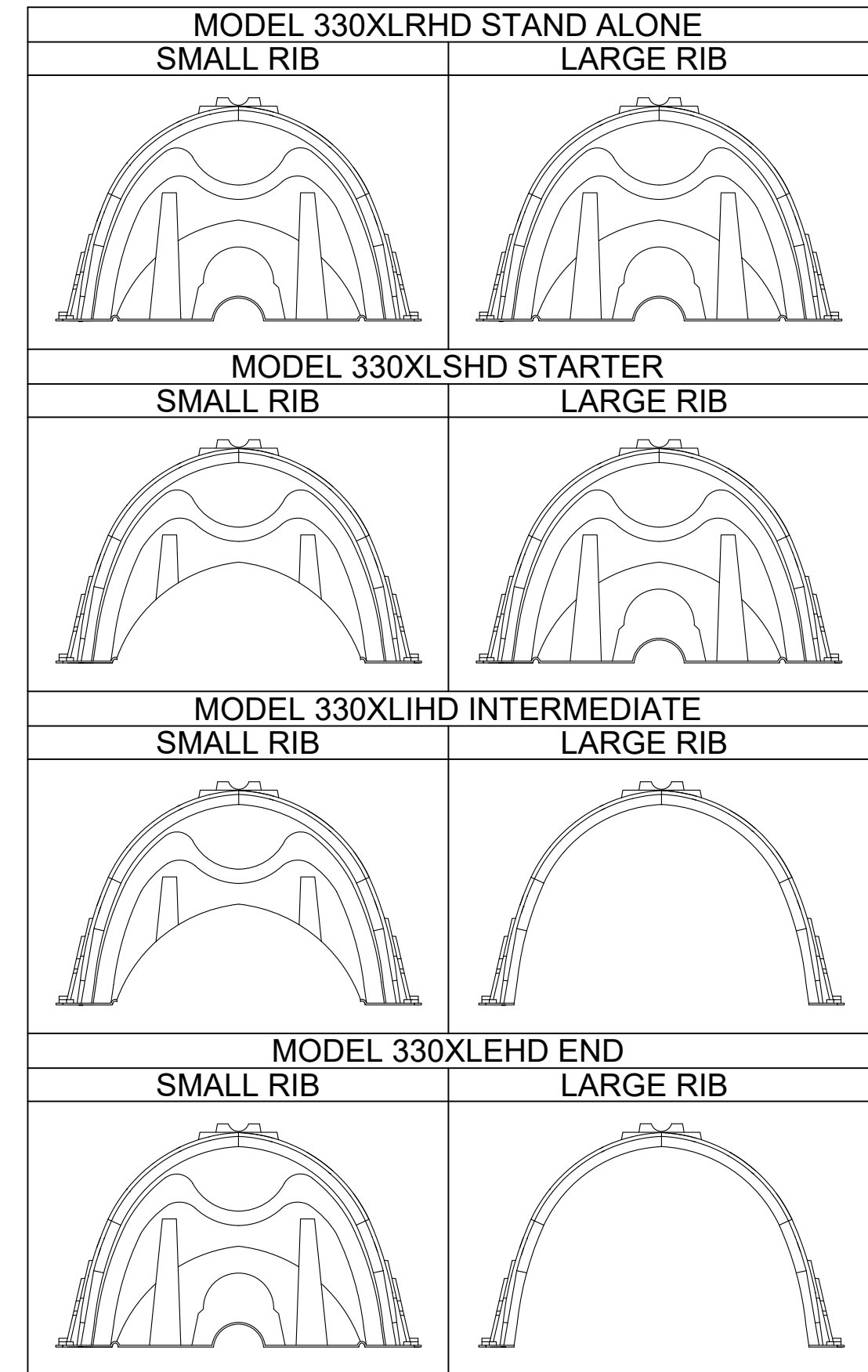
T.C = 175.0'
B.C = 171.96'



CULTEC RECHARGER 330XLHD CHAMBER STORAGE = 7.459 CF/FT [0.693 m3/m]
INSTALLED LENGTH ADJUSTMENT = 1.5' [0.46 m]
ALL RECHARGER 330XLHD HEAVY DUTY UNITS ARE MARKED WITH A COLORED STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER.
SIDE PORTAL ACCEPTS CULTEC HVLV FC-24 FEED CONNECTOR.

CULTEC DETAILS (TYP.)

SCALE: NTS



CULTEC SECTIONS (TYP.)

SCALE: NTS

CLEAN-OUT DETAIL (TYP.)

SCALE: NTS

POPUP EMITTER DETAIL (TYP.)

SCALE: NTS

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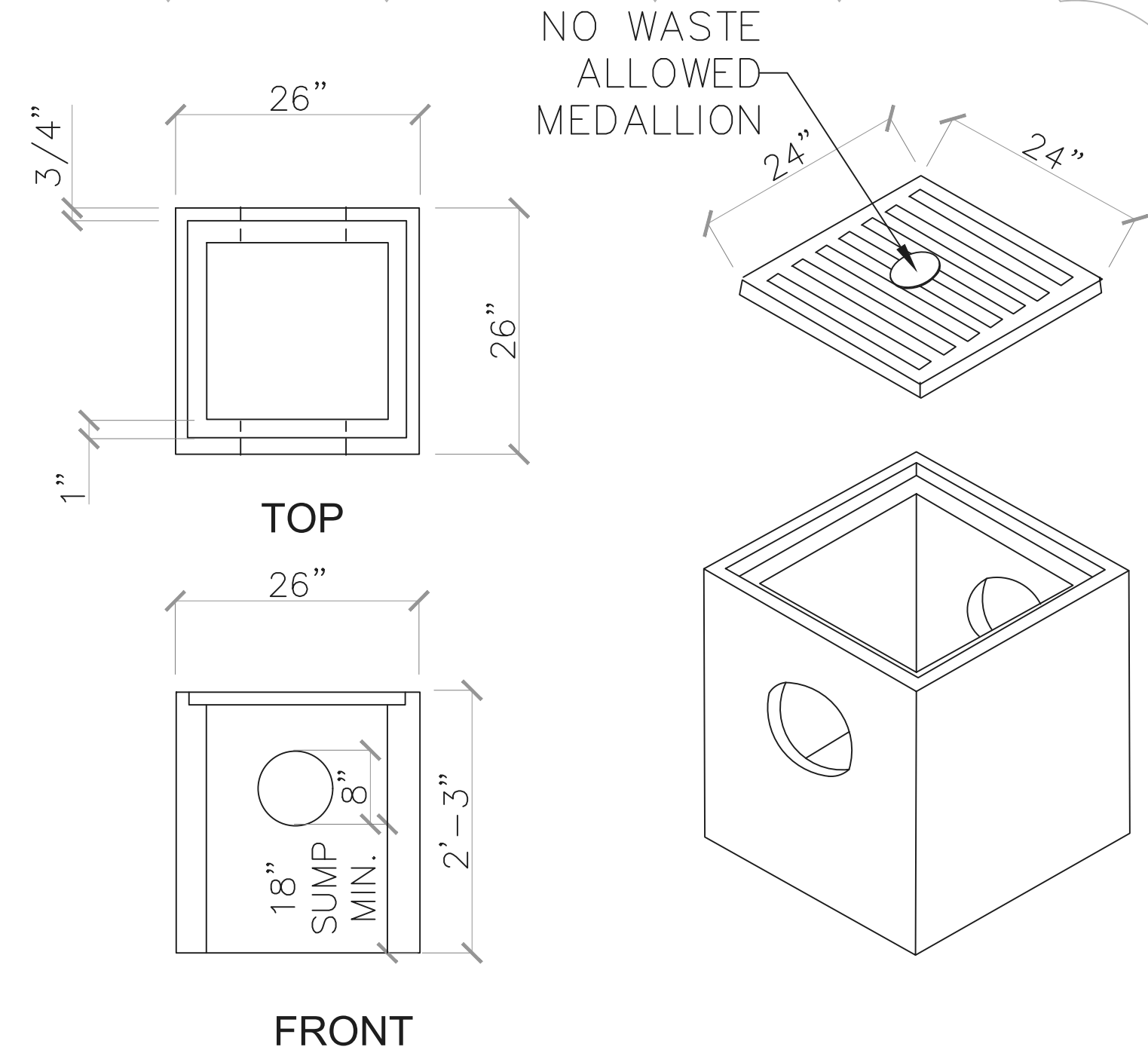
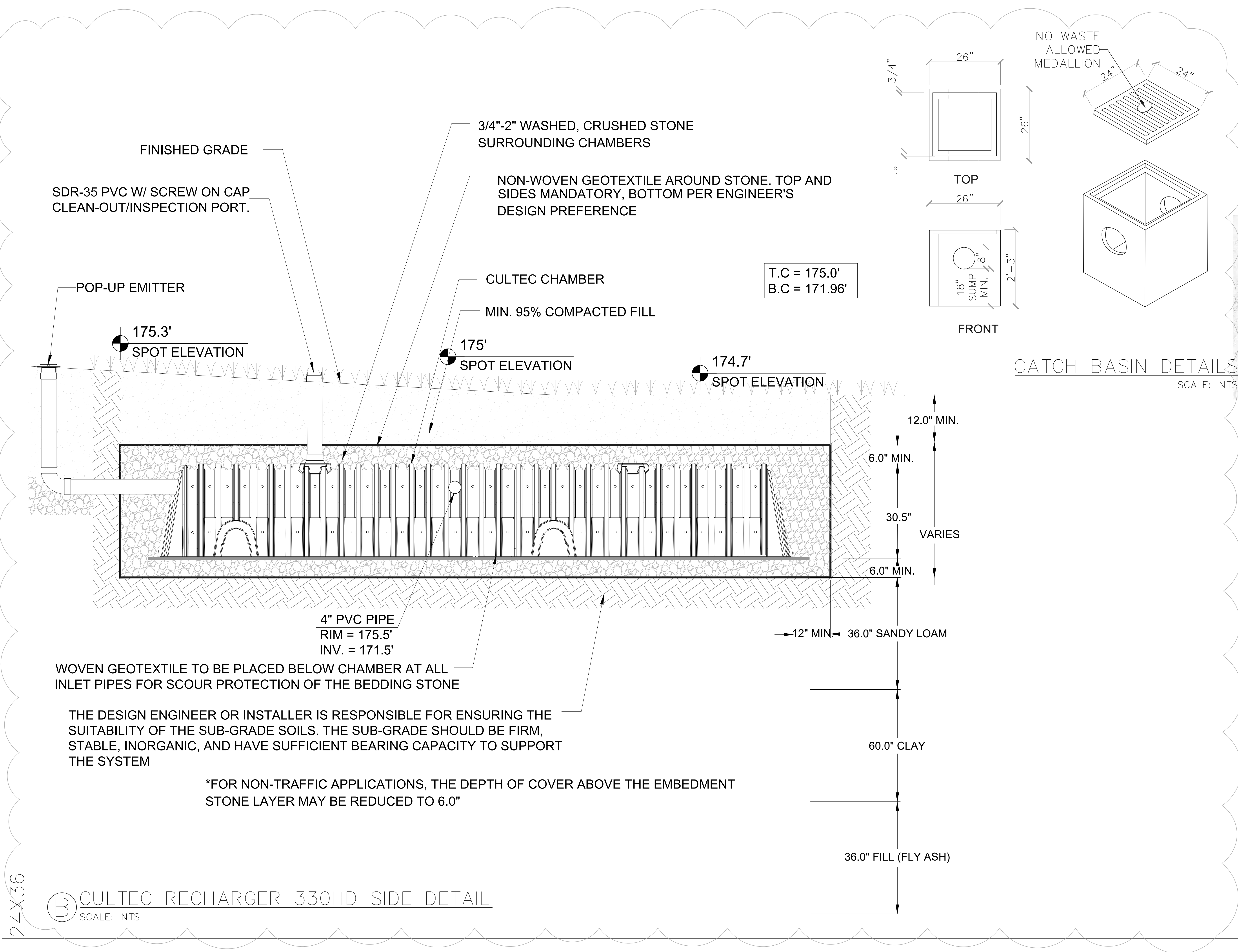
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55 W
CATHERINE STREET
NYACK
NEW YORK

DRAWING TITLE:
STORMWATER
DETAILS

SCALE:	AS SHOWN	SHEET No.:
DATE:	06.08.2024	
PROJECT No:	2017-64	
DRAWING BY:	ME	
CHK BY:	JG	

S4



CATCH BASIN DETAILS
SCALE: NTS

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PROJECT:
55 W
CATHERINE STREET
NYACK
NEW YORK

DRAWING TITLE:

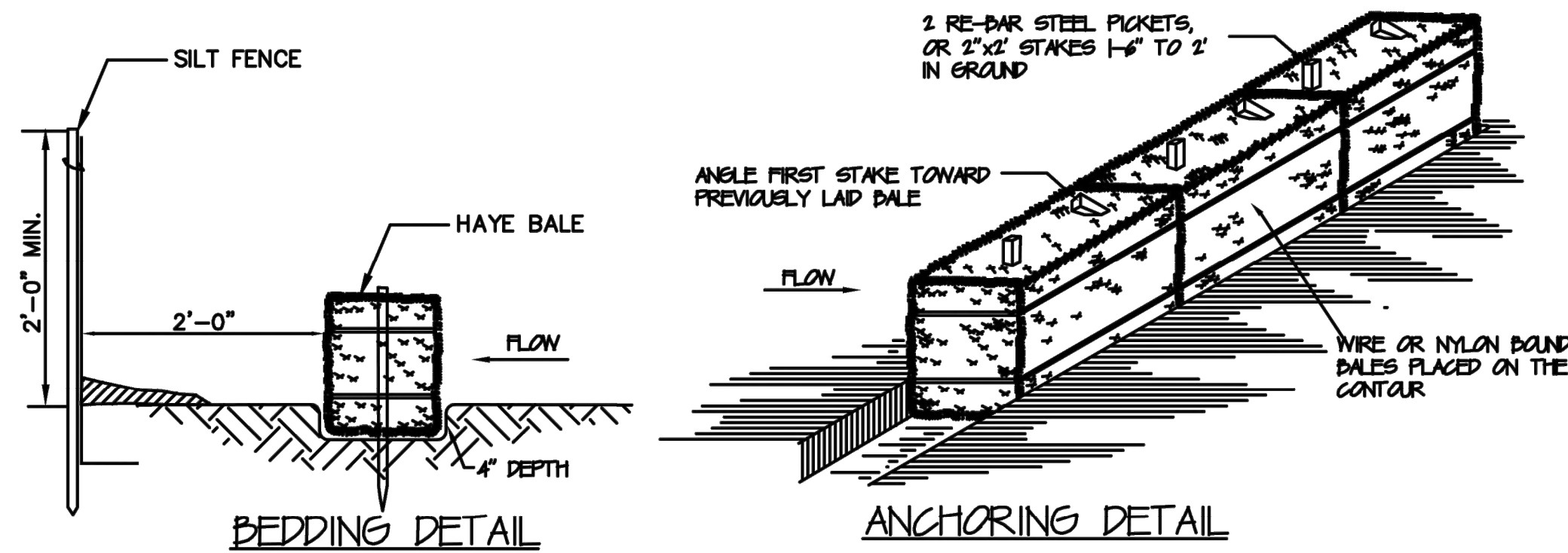
STORMWATER
DETAILS

SCALE: AS SHOWN	SHEET No.:
DATE: 06.08.2024	S5
PROJECT No: 2017-64	
DRAWING BY: ME	
CHK BY: JG	

24X36

CULTEC RECHARGER 330HD SIDE DETAIL
SCALE: NTS

*FOR NON-TRAFFIC APPLICATIONS, THE DEPTH OF COVER ABOVE THE EMBEDMENT STONE LAYER MAY BE REDUCED TO 6.0"



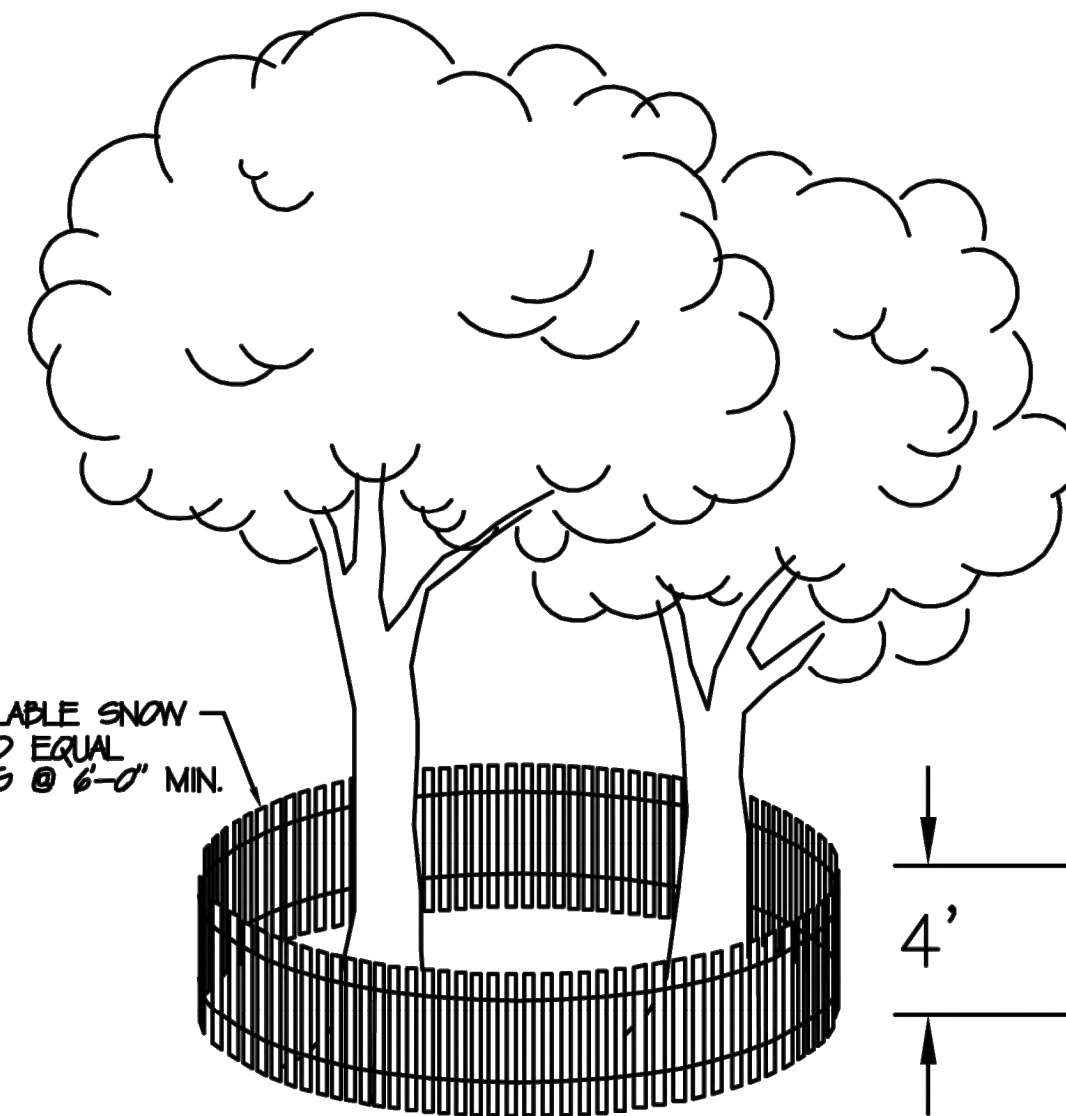
HAYBALE DETAIL (TYPICAL)

SCALE: N.T.S.

INSTALLATION NOTES:

1. DALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ADJUTING THE ADJACENT DALES.
2. EACH DALE SHALL BE EMBEDDED IN THE SOL A MINIMUM OF 4".
3. DALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR RE-BAR DRIVEN THROUGH THE DALES. THE FIRST STAKE IN EACH DALE SHALL BE ANGLED TOWARD PREVIOUSLY LAD DALE TO FORCE DALES TOGETHER.
4. DALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULLNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

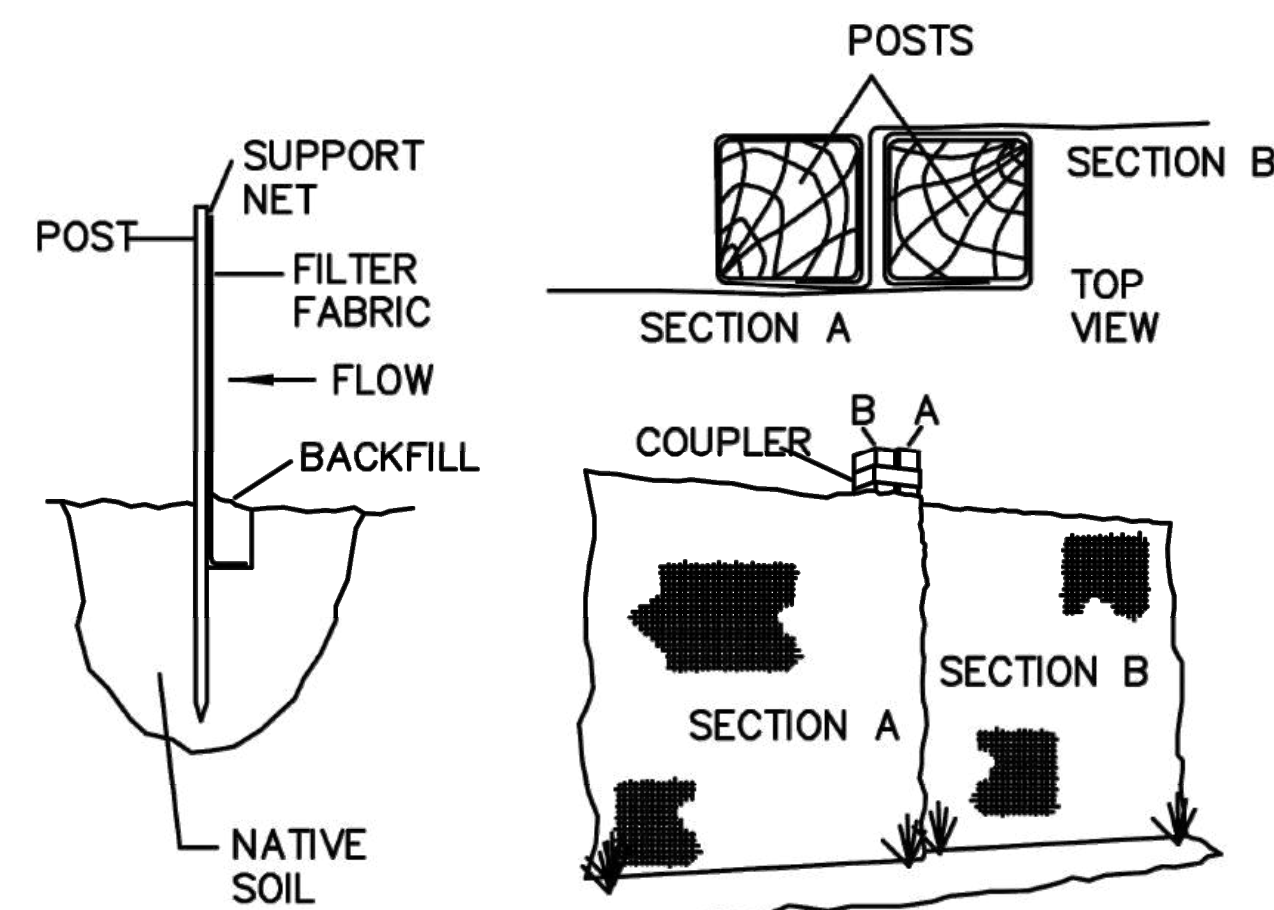
COMMERCIALY AVAILABLE SNOW FENCE OR APPROVED EQUAL PROTECTIVE FENCING @ 6'-0" MIN. FROM TREE TRUNK.



TREE PROTECTION FENCING DETAIL

SCALE: N.T.S.

Silt Fence Detail



TOE-IN METHOD

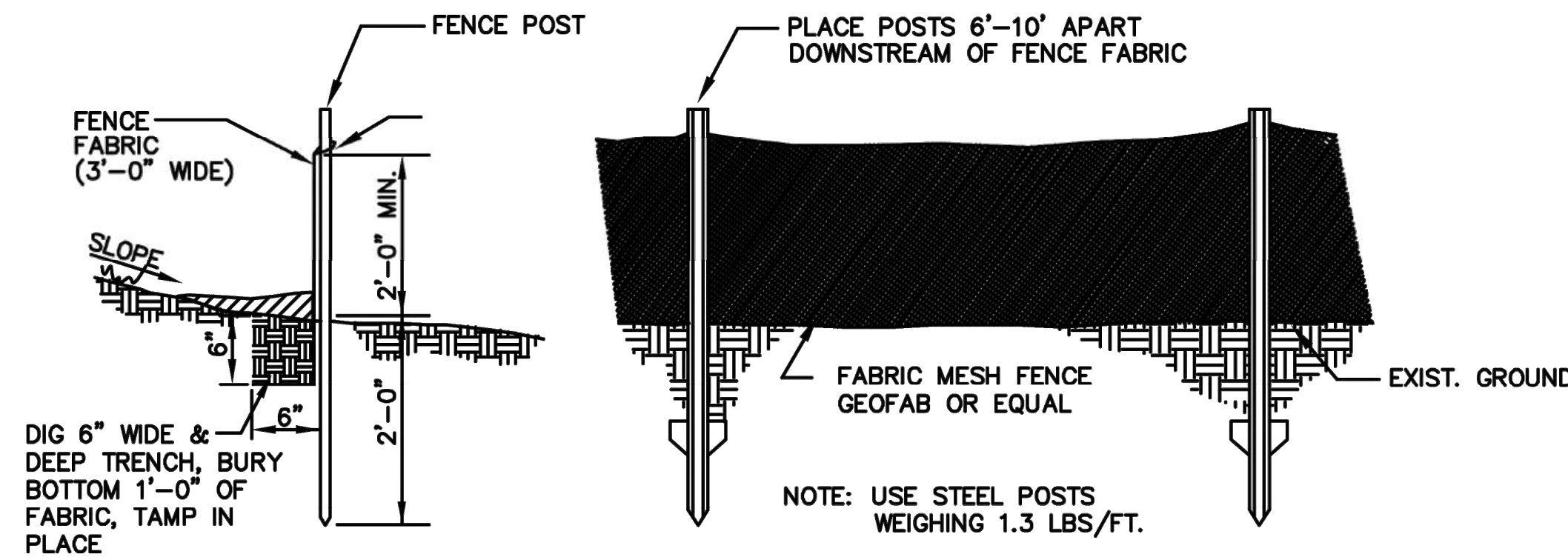
JOINING SECTIONS OF FENCING

SILT FENCE DETAIL

SCALE: NTS

INSTALLATION NOTES

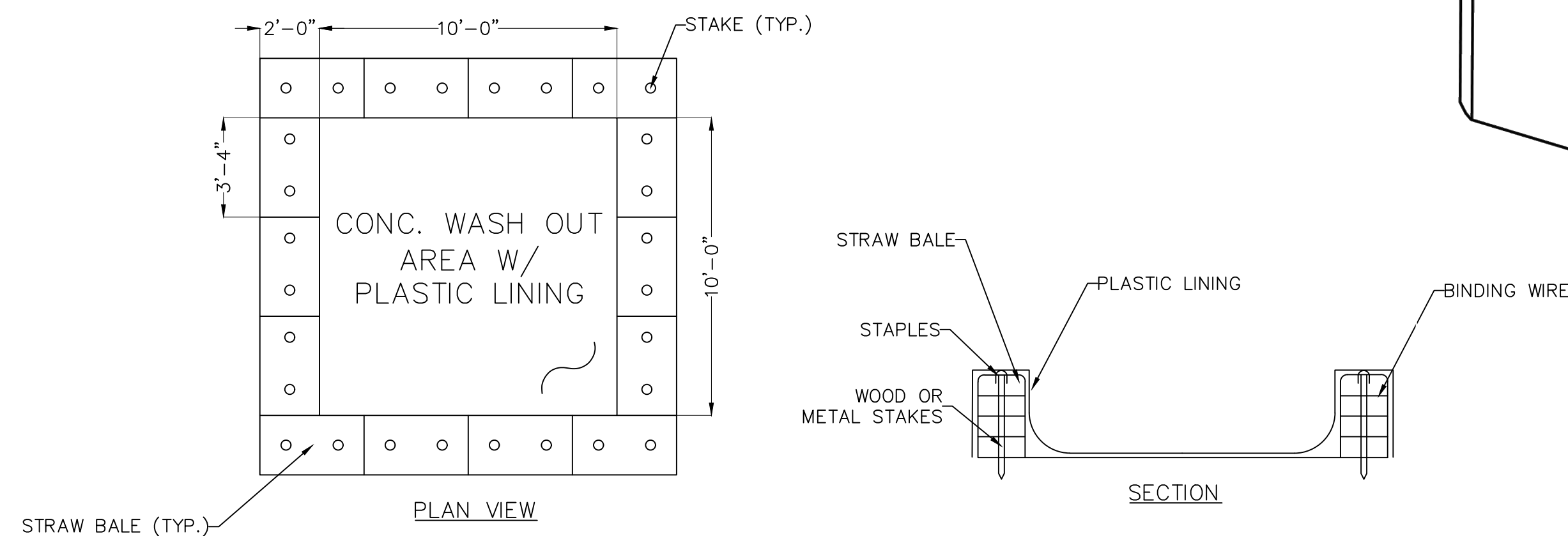
1. EXCAVATE A 4 INCH x 4 INCH TRENCH ALONG THE LOWER PERIMETER OF THE SITE.
2. UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH (NET SIDE AWAY FROM DIRECTION OF FLOW).
3. DRIVE THE POST INTO THE GROUND UNTIL THE NETTING IS APPROXIMATELY 2 INCHES FROM THE TRENCH BOTTOM.
4. LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH, BACKFILL THE TRENCH AND TAMP THE SOIL. STEEPER SLOPES REQUIRE AN INTERCEPT TRENCH.



NOTE: AT THE COMPLETION OF THE PROJECT AND AFTER SOIL STABILIZATION AND VEGETATIVE GROWTH HAVE BEEN ASSURED, THE SILT FENCE MUST BE COMPLETELY REMOVED AND THE EMBEDMENT TRENCH RESTORED TO A NATURAL CONDITION.

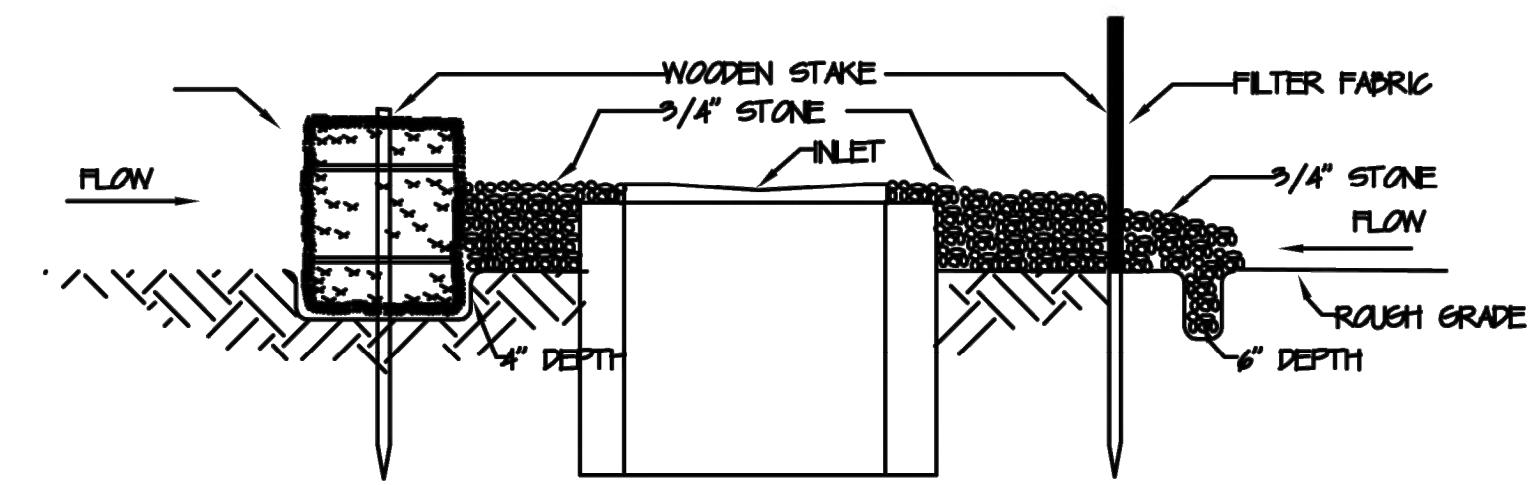
SILT FENCE DETAIL

SCALE: NTS



CONCRETE WASH OUT DETAIL

SCALE: NTS



INLET PROJECTION

SCALE: N.T.S.

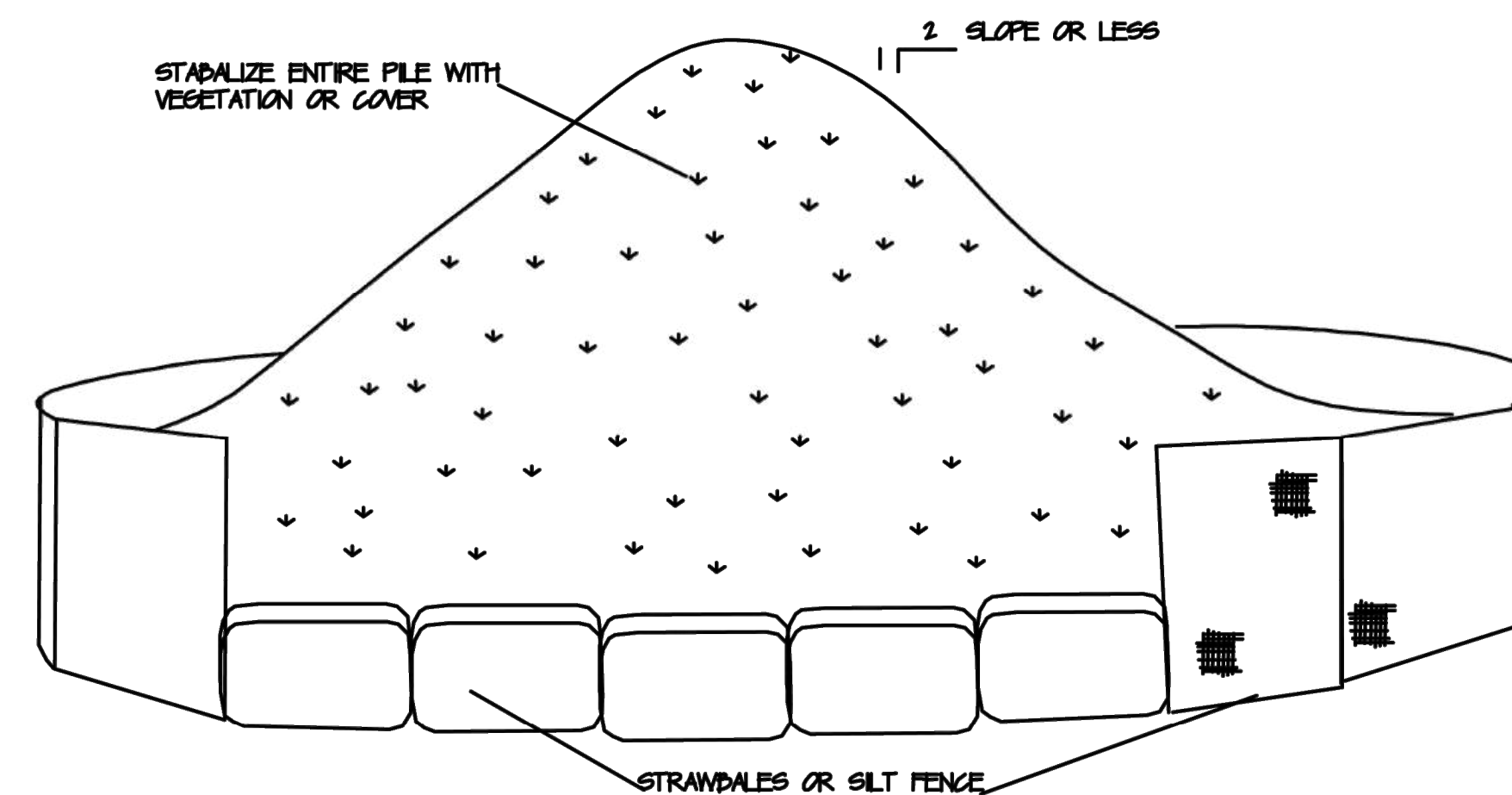
INSTALLATION NOTES:

STRANDDALES

1. PLACE DALES OF STRAW WITH ENDS TIGHTLY ADJUTING THE ADJACENT DALES TO SURROUND THE INLET. WHERE SLOPE AND SPACE PERMIT, ESTABLISH THE LINE OF DALES 2 TO 10 FEET AWAY FROM THE INLET. ANCHOR DALES IN PLACE BY DRIVING REDARS OR 2"x2" STAKES THROUGH THE DALES. SUPPLEMENT WITH GRAVEL, PLED AGAINST THE DALES.
2. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
3. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
5. THE SEDIMENT TRAP SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINS DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

SILT FENCE

1. EXCAVATE A 6 INCH x 6 INCH TRENCH, OFFSET APPROXIMATELY 2 FEET FROM THE INLET PERIMETER.
2. UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH (NET SIDE AWAY FROM DIRECTION OF FLOW).
3. DRIVE THE POST INTO THE GROUND UNTIL THE NETTING IS APPROXIMATELY 2 INCHES FROM THE TRENCH BOTTOM.
4. LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH, BACKFILL THE TRENCH AND TAMP THE SOIL. STEEPER SLOPES REQUIRE AN INTERCEPT TRENCH.
5. JOIN SECTIONS AS SHOWN ABOVE. SUPPLEMENT WITH GRAVEL, PLED AGAINST THE FENCE.



TOPSOIL STOCKPILE

SCALE: N.T.S.

INSTALLATION NOTES:

1. AREA CHOSEN FOR STOCKPLING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPLING, EACH PILE SHALL BE SURROUND WITH EITHER SILT FENCING OR STRANDDALES, THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILT FENCE.

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6	06.16.25	PB REVISION

PROJECT:

55 W
CATHERINE STREET
NYACK
NEW YORK

DRAWING TITLE:

EROSION
CONTROL

SCALE: AS SHOWN SHEET No.:

DATE: 06.08.2024

PROJECT No: 2017-64

DRAWING BY: ME

CHK BY: JG

S6

SOIL EROSION NOTES

1. SITE ANALYSIS AND PLANNING INITIAL SITE ASSESSMENT: EVALUATE SOIL TYPE, TOPOGRAPHY, DRAINAGE PATTERNS, AND PROXIMITY TO WATER BODIES.
2. RISK ASSESSMENT: IDENTIFY POTENTIAL EROSION HOTSPOTS AND AREAS REQUIRING SPECIAL ATTENTION.
3. DURING CONSTRUCTION EROSION CONTROL MEASURES: USE SILT FENCES, SEDIMENT BASINS, STRAW WATTLES, AND EROSION CONTROL BLANKETS.

REGULAR INSPECTIONS:
CONDUCT FREQUENT INSPECTIONS TO ENSURE EROSION CONTROL MEASURES ARE EFFECTIVE AND IN PLACE.

MAINTENANCE:
REPAIR OR REPLACE EROSION CONTROL MEASURES AS NEEDED.

4. POST-CONSTRUCTION PHASE REVEGETATION: PLANT NATIVE VEGETATION TO STABILIZE THE SOIL AND PROMOTE LONG-TERM EROSION CONTROL.

MONITORING:
CONTINUE TO MONITOR THE SITE FOR EROSION AND SEDIMENTATION ISSUES.

FINAL STABILIZATION:
ENSURE THE SITE IS FULLY STABILIZED WITH PERMANENT VEGETATION OR OTHER STABILIZATION METHODS.

5. DOCUMENTATION AND COMPLIANCE RECORD KEEPING: MAINTAIN DETAILED RECORDS OF ALL EROSION CONTROL MEASURES AND INSPECTIONS.

REGULATORY COMPLIANCE:
ENSURE THE PLAN MEETS LOCAL, STATE, AND FEDERAL REGULATIONS.

TREE NOTES:

1. ALL EXISTING TREES TO REMAIN SHALL BE PROTECTED WITH CONSTRUCTION FENCE PLACED AT THE DRIP LINE PRIOR TO THE START OF CONSTRUCTION.
2. TREES SHALL NOT BE REMOVED, ALTERED, OR DAMAGED AT ANY TIME DURING CONSTRUCTION UNLESS A PERMIT IS OBTAINED FROM THE TOWN/VILLAGE.

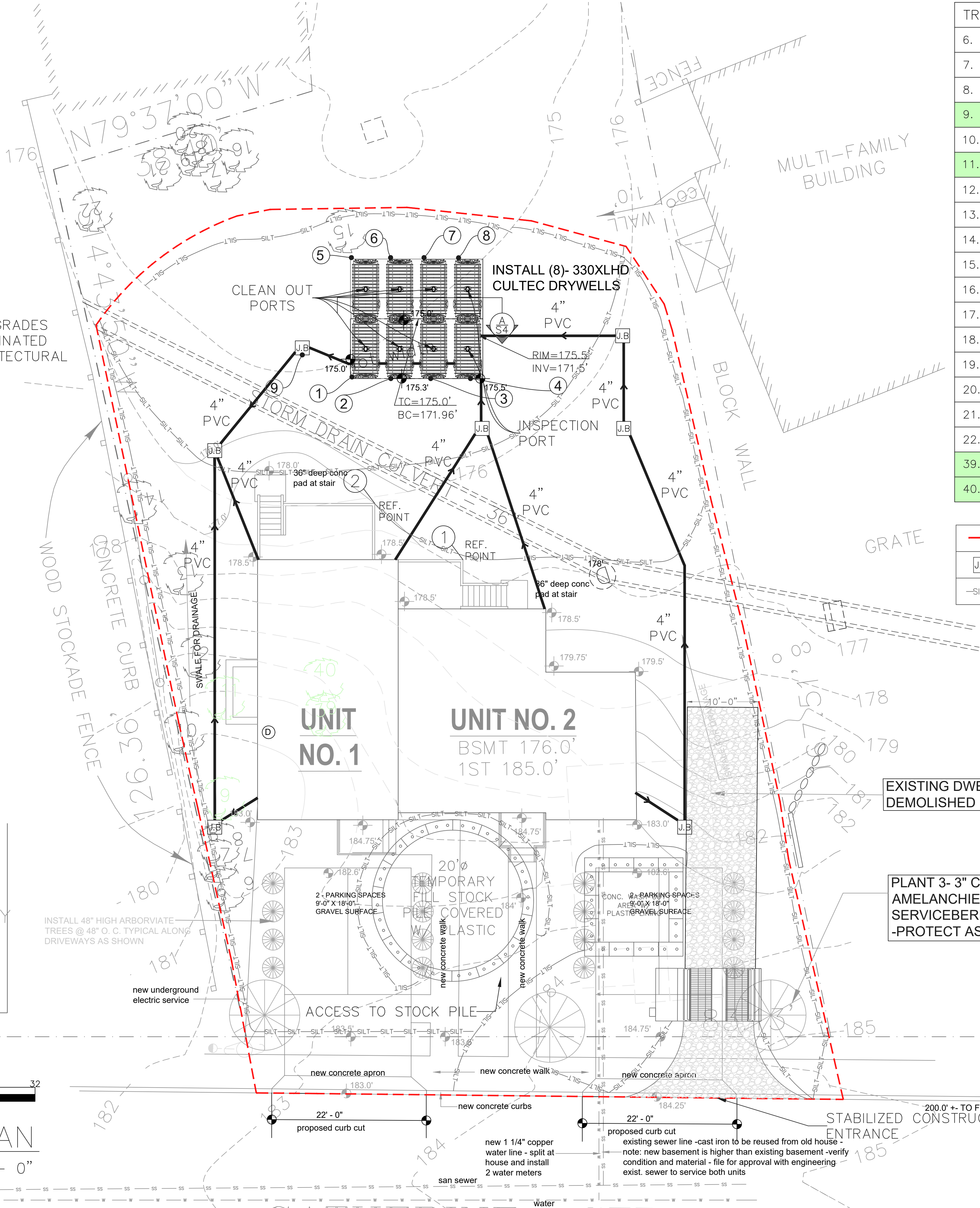
LIMIT OF DISTURBANCE NOTES:

1. INSTALL ORANGE SNOW FENCING WITH STEEL POSTS AT 6'MAX SPACING ALONG ENTIRE LOD BOUNDARY BEFORE ANY SITE WORK BEGINS.

SILT FENCE NOTES:

1. SILT FENCE TO BE INSTALLED PARALLEL TO CONTOURS AND DOWNSLOPE OF DISTURBED AREAS.
2. SILT FENCE PER NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (BLUE BOOK).
3. MAINTAIN SILT FENCE UNTIL PERMANENT STABILIZATION IS COMPLETE.
4. INSPECT AND REPAIR AFTER EACH RAINFALL OR WEEKLY.

NOTE:
ALL SPOT GRADES ARE COORDINATED WITH ARCHITECTURAL PLANS.



TREE SCHEDULE	
6.	ASH, 12"
7.	MAPLE, 10"
8.	MAPLE, 24"
9.	MAPLE, 8" (REMOVED)
10.	MAPLE, 10"
11.	MAPLE, 10" (REMOVED)
12.	MAPLE, 10"
13.	MAPLE, 10"
14.	MAPLE, 8"
15.	MAPLE, 38"
16.	ASH, 12"
17.	ASH, 12"
18.	ASH, 16"
19.	ASH, 18"
20.	MAPLE, 10"
21.	MAPLE, 16"
22.	MAPLE, 22"
39.	MAPLE, 12" (REMOVED)
40.	MAPLE, 14" (REMOVED)

---	LIMIT OF DISTURBANCE
J.B.	12x12 JUNCTION BOX
-SILT-	SILT FENCE

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6	06.16.25	PB REVISION

PROJECT:
55 W
CATHERINE STREET
NYACK
NEW YORK

DRAWING TITLE:
EROSION
CONTROL
PLAN

SCALE:	AS SHOWN	SHEET No.:
DATE:	06.08.2024	
PROJECT No:	2017-64	
DRAWING BY:	ME	
CHK BY.:	JG	

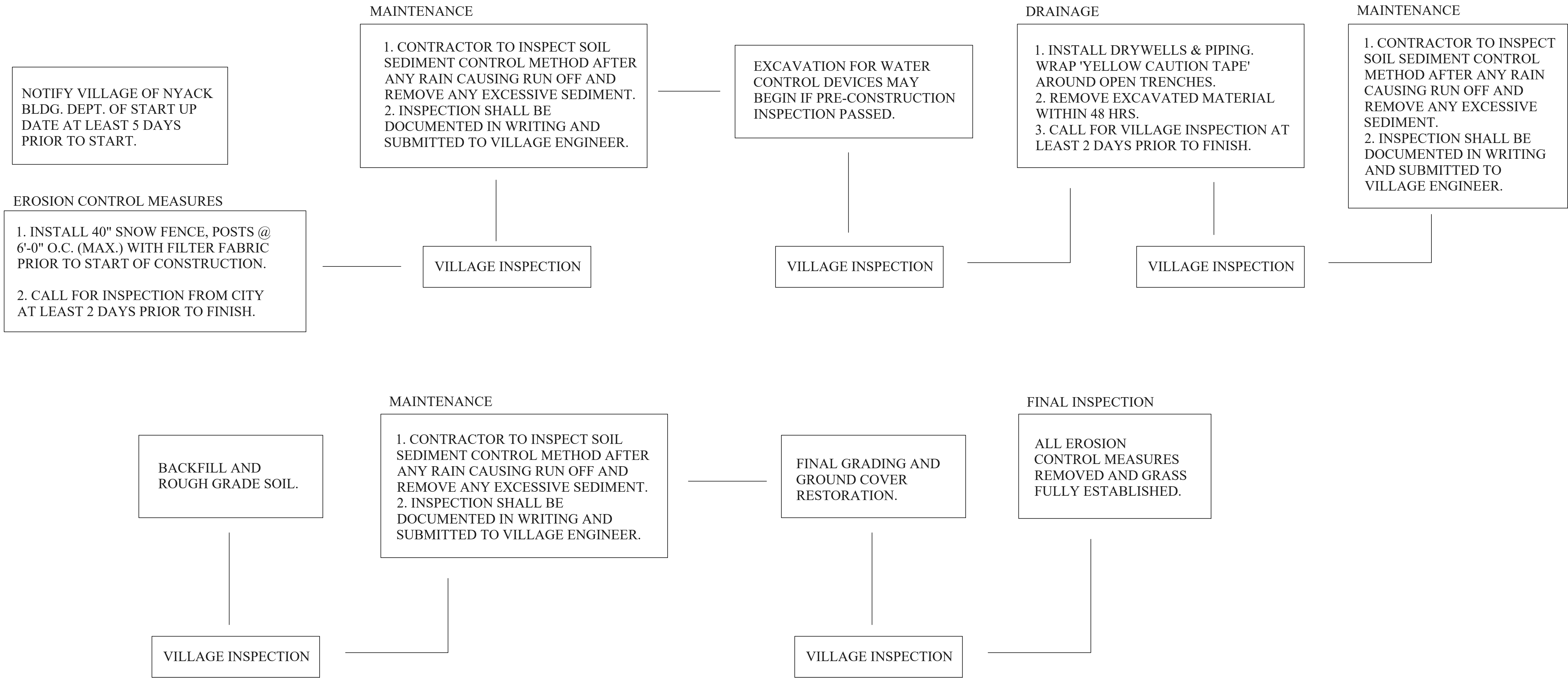
S7

24X36

EROSION CONTROL PLAN

SCALE: 1/8" = 1' - 0"

STORM WATER MANAGEMENT & EROSION CONTROL SCHEDULE



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PROJECT:

55 W
CATHERINE STREET
NYACK
NEW YORK

DRAWING TITLE:

EROSION
CONTROL
SCHEDULE

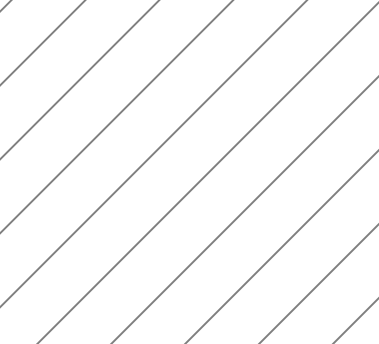
SCALE: AS SHOWN

DATE: 06.08.2024

PROJECT No: 2017-64

DRAWING BY: ME

CHK BY: JG



SHEET No.:

S8

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE IRC AND IEBC 2015 EDITION, AND ALL THE 2017 NEW YORK STATE SUPPLEMENT
2. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE VILLAGE OF NYACK BUILDING CODES, FIRE DEPARTMENT REGULATIONS, UTILITY COMPANY REQUIREMENTS, AND THE BEST TRADE PRACTICES.
3. THESE PLANS ARE IN ACCORDANCE WITH EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES MANUAL 1991 EDITION AND NYS DEC’S REDUCED IMPACTS OF STORM WATER RUNOFF FROM NEW DEVELOPMENT.
4. THE BUILDER SHALL VERIFY ALL DIMENSIONS IN THE FIELD. ”V.I.F.” DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND DRAWINGS AND/OR SPECIFICATIONS SHALL BE REPORTED TO THE ENGINEER IN WRITING FOR CLARIFICATION. WORK SHALL NOT PROCEED UNTIL SUCH CLARIFICATION HAS BEEN RECEIVED.
5. SHOULD UNFORESEEN CONDITIONS OR OTHER CAUSES NECESSITATE CONSTRUCTION DETAILS NOT IN ACCORDANCE WITH THESE PLANS, THE BUILDER SHALL NOTIFY THE ENGINEER AND SUBMIT HIS DETAILS SHOWING THE PROPOSED METHODS TO ACCOMPLISH THE REQUIRED RESULTS.
6. ALL PLUMBING WORK SHALL CONFORM TO THE VILLAGE OF HASTINGS ON HUDSON PLUMBING CODE. ALL ELECTRICAL WORK SHALL CONFORM TO NATIONAL ELECTRICAL CODE. ALL HEATING AND VENTILATING WORK SHALL COMPLY WITH AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS (ASHRAE) STANDARDS. CONTRACTOR/OWNER TO HIRE LICENSED PLUMBER AND ELECTRICIAN.
7. PLUMBING AND ELECTRICAL WORK SHALL BE PERFORMED BY PERSONS LICENSED IN THEIR TRADES, WHO SHALL ARRANGE FOR AND OBTAIN INSPECTIONS AND REQUIRED SIGN-OFFS.
8. DO NOT SCALE DRAWINGS FOR DIMENSIONS. REFER TO WRITTEN DIMENSIONS FOR ACCURACY OR CONTACT ENGINEER FOR ANY MISSING AND REQUIRED DIMENSIONS. DIMENSIONS CHANGED IN THE FIELD BY THE CONTRACTOR WITHOUT INFORMING THE ENGINEER SHALL RELEASE THE ENGINEER OF FURTHER RESPONSIBILITY FOR DIMENSIONS. LARGE SCALE DETAILS TAKE PRECEDENCE OVER SMALL SCALE DETAILS.
9. MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER CONSTRUCTION OR INSTALLATION OF ANY PART OF THE WORK SHALL BE INCLUDED AS IF THEY WERE INDICATED IN THE DRAWINGS
10. CONTRACTOR SHALL OBTAIN ALL REQUIRED APPROVALS, BUILDING PERMITS AND INSPECTIONS AND SHALL PAY ALL REQUIRED FEES. CONTRACTOR SHALL ARRANGE AND PERFORM TESTS OF ALL MECHANICAL OR OPERABLE COMPONENTS. THE COST OF SUCH TESTS SHALL BE INCLUDED IN THE CONSTRUCTION COST ESTIMATE.
11. NO SUBSTITUTIONS SHALL BE MADE FOR ANY ITEMS SPECIFIED ON THE DRAWINGS WITHOUT PRIOR WRITTEN APPROVAL BY THE ENGINEER OR OWNER.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS AND MIS–ALIGNMENT ACCORDING TO APPLICABLE CODES, STANDARDS AND GOOD PRACTICE.
13. ALL CORING AND DRILLING REQUIRED TO BE PERFORMED AT TIMES ONLY AS ALLOWED BY BUILDING RULES, REGULATIONS OR POLICIES. COORDINATE WORK WITH BUILDING MANAGER.
14. THE CONTRACTOR SHALL HAVE THE BUILDING LOCATION STAKED OUT IN THE FIELD BY A LICENSED LAND SURVEYOR BEFORE BEGINNING CONSTRUCTION. MARK PROPERTY LINES AS WELL AS SET BACKS & EASEMENT.
15. EXISTING UTILITIES: THE BUILDER SHALL TAKE EXTREME CARE DURING EXCAVATION AND SHALL VERIFY THE EXACT

- LOCATIONS OF ALL UTILITIES AND SERVICE LINES. THE BUILDER SHALL MAKE ALL NECESSARY PROVISIONS TO PROTECT ALL EXISTING UTILITIES WITHIN THE LIMITS OF CONSTRUCTION. BUILDER SHALL CONTACT THE LOCALITY AND UTILITY COMPANIES TO ASCERTAIN THE PRESENCE AND LOCATION OF UTILITY AND SERVICE LINE IN ACCORDANCE WITH LOCAL RULES AND REGULATIONS (”CALL BEFORE YOUR DIG”).
16. SMOKE DETECTORS SHALL BE MOUNTED AND PLACED IN ACCORDANCE WITH NFPA 74, STANDARD FOR INSTALLATION, MAINTENANCE AND USE OF HOUSEHOLD FIRE WARNING EQUIPMENT AND IN ACCORDANCE WITH NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE SECTION 717.5, 717.6b, AND 1060.10.
17. STAIRS: STAIRS SHALL CONFORM TO THE ”OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK”, VOLUME B, SUBCHAPTER B, ”BUILDING CONSTRUCTION”, ARTICLE 3, PART 713.
18. GLAZING IN DOORS, SHOWER STALLS, FIXED PANELS AND BATHTUB ENCLOSURES : GLAZING IN DOORS, SHOWER STALLS, FIXED PANELS AND BATHTUB ENCLOSURES SHALL CONFORM TO THE ”OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK”, VOLUME B, SUBCHAPTER B. ”BUILDING CONSTRUCTION”, ARTICLE 3, PART 715.
19. VENTILATION: PROVIDE VENTILATION IN CONFORMANCE WITH THE ”OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK”, VOLUME B, SUBCHAPTER B, ”BUILDING CONSTRUCTION”, ARTICLE 3, PART 712, SECTION 712.1b & 712.2b.
20. DESIGN LOADS

	BASEMENT	FLOORS	ROOF
LIVE LOAD	O.G.	40 PSF	20 PSF
DEAD LOAD	O.G.	10 PSF	20 PSF
TOTAL LOAD	O.G	50 PSF	40 PSF
21. SCOPE OF WORK SHALL INCLUDE ALL WORK AS SHOWN ON DRAWINGS, NOTES OR AS REVIEWED VERBALLY PRIOR TO BIDDING. (ANY WORK ADDED FOLLOWING FINAL BID SUBMITTAL SHALL BE INCLUDED AS A CHANGE ORDER.)
22. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE VILLAGE OF HASTINGS ON HUDSON BUILDING CODES, FIRE DEPARTMENT REGULATIONS, UTILITY COMPANY REQUIREMENTS, AND THE BEST TRADE PRACTICES.
23. PREMISES TO COMPLY WITH ALL ARTICLES OF THE HOUSING MAINTENANCE CODE, AS APPLICABLE.
24. CONTRACTOR TO COORDINATE VARIOUS ELEMENTS OF THE WORK AND ENTITIES ENGAGED TO PERFORM WORK AND COORDINATE WORK WITH EXISTING FACILITIES/CONDITIONS AND WITH ANY WORK BY SEPARATE CONTRACTORS AND BY OWNER.
25. MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER CONSTRUCTION OR INSTALLATION OF ANY PART OF THE WORK SHALL BE INCLUDED AS IF THEY WERE INDICATED IN THE DRAWINGS.
26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL CONDITIONS AND MATERIALS WITHIN THE PROPOSED CONSTRUCTION AREA. THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR ANY DAMAGE OR INJURIES CAUSED BY OR DURING THE EXECUTION OF THE WORK.
27. CLEAN EACH ELEMENT OF WORK AT TIME OF INSTALLATION. PROVIDE SUFFICIENT MAINTENANCE AND PROTECTION DURING CONSTRUCTION TO ENSURE FREEDOM FROM DAMAGE AND DETERIORATION AT TIME OF SUBSTANTIAL COMPLETION.
28. THE CONTRACTOR SHALL LAY OUT HIS OWN WORK, AND SHALL PROVIDE ALL DIMENSIONS REQUIRED FOR OTHER TRADES (PLUMBING, ELECTRICAL, ETC.)
29. THE CONTRACTOR SHALL DO ALL CUTTING, PATCHING AND REPAIRING AS REQUIRED TO PERFORM ALL OF THE WORK INDICATED ON THE DRAWINGS, AND ALL OTHER WORK THAT

- MAY BE REQUIRED TO COMPLETE THE JOB.
30. CONTRACTOR ACCESS TO OTHER SPACES WITHIN THE BUILDING AS REQUIRED FOR PLUMBING AND ELECTRICAL WORK SHALL BE COORDINATED WITH THE HOMEOWNER.
31. CONTRACTOR TO PROVIDE FIRE–STOPPING OF REQUIRED RATING WHERE NEW WORK PENETRATES FIRE–RATED PARTITIONS, WALLS, CEILINGS AND FLOORS.
32. CONTRACTOR TO REQUIRE INSTALLER OF EACH UNIT OF WORK TO INSPECT SUBSTRATE AND CONDITIONS FOR INSTALLATION PRIOR TO INSTALLATION. CONTRACTOR TO CORRECT UNSATISFACTORY CONDITIONS. INSPECT EACH PRODUCT IMMEDIATELY BEFORE INSTALLATION. DO NOT INSTALL DAMAGED OR DEFECTIVE PRODUCTS, MATERIALS OR EQUIPMENT.
33. COMPLY WITH MANUFACTURES’ INSTRUCTIONS AND RECOMMENDATIONS TO THE EXTENT THAT PRINTED INFORMATION IS MORE DETAILED OR STRINGENT THAN THE REQUIREMENTS CONTAINED DIRECTLY IN CONTRACT DRAWINGS.
34. ANCHOR WORK SECURELY IN PLACE, PROPERLY LOCATED BY MEASURED LINE AND LEVEL, ORGANIZED FOR BEST UNIFORMITY, VISUAL EFFECT, OPERATIONAL EFFICIENTLY, DURABILITY AND SIMILAR BENEFIT TO OWNER’S USE. WHEN ANY DOUBT EXISTS OF EXACT DIMENSIONS OR LOCATION OF EXACT DIMENSIONS OR LOCATION OF WORK, NOTIFY ENGINEER FOR CLARIFICATION.


2016 N.Y.S. ENERGY CONSERVATION CODE – ZONE 4 (R402.1.2)		
COMPONENT	REQUIRED VALUE	PROVIDED VALUE
FENESTRATION U–FACTOR ^b	0.32	0.31
SKYLIGHT U–FACTOR ^b	0.55	N/A
GLAZED FENESTRATION SHGC ^{b,e}	0.40	N/A
CEILING R–VALUE	49	R49
WOOD FRAME WALL R–VALUE	20 or 13+5	N/A
MASS WALL R–VALUE ⁱ	8/13 ^h	N/A
FLOOR R–VALUE	19	R19
BASEMENT WALL R–VALUE ^c	10/13	R13
SLAB R–VALUE & DEPTH ^d	10, 2 FT.	N/A
CRAWL SPACE WALL R–VALUE ^c	10/13	N/A
<div>a. R–values are minimums. U–factors and SHGC are maximums. When insulation is installed in a cavity which is less than the label or design thickness of the insulation, the installed R–value of the insulation shall not be less than the R–value specified in the table.</div> <div>b. The fenestration U–factor column excludes skylights. The SHGC column applies to all glazed fenestration. Exception: Skylights may be excluded from glazed fenestration SHGC requirements in climate zones 1 through 3 where the SHGC for such skylights does not exceed 0.30.</div> <div>c. ”15/19” means R–15 continuous insulation on the interior or exterior of the home or R–19 cavity insulation at the interior of the basement wall. ”15/19” shall be permitted to be met with R–13 cavity insulation on the interior of the basement wall plus R–5 continuous insulation on the interior or exterior of the home. ”10/13” means R–10 continuous insulation on the interior or exterior of the home or R–13 cavity insulation at the interior of the basement wall.</div> <div>d. R–5 shall be added to the required slab edge R–values for heated slabs. Insulation depth shall be the depth of the footing or 2 feet, whichever is less in Climate Zones 1 through 3 for heated slabs.</div> <div>e. There are no SHGC requirements in the Marine Zone.</div> <div>f. Basement wall insulation is not required in warm–humid locations as defined by Figure R301.1 and Table R301.1.</div> <div>g. Or insulation sufficient to fill the framing cavity, R–19 minimum.</div> <div>h. The first value is cavity insulation, the second value is continuous insulation, so ”13+5” means R–13 cavity insulation plus R–5 continuous insulation.</div> <div>i. The second R–value applies when more than half the insulation is on the interior of the mass wall.</div>		

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SEAL & SIGNATURE



IT IS A VIOLATION OF N.Y. STATE LAWS FOR ANY PERSON, UNLESS DIRECTED BY A REGISTERED ARCHITECT OR PROFESSIONAL ENGINEER TO ALTER ANY ITEM IN ANY WAY

ISSUE DATES:		
No.	DATE	DESCRIPTION
1	06.08.24	ISSUED
2	10.12.24	BD REVISION
3	02.15.25	BROOKER REVISION
4	04.19.25	BROOKER REVISION
5	06.07.25	REVISION
6	06.16.25	PB REVISION

PROJECT:

55 W
CATHERINE STREET
NYACK
NEW YORK

DRAWING TITLE:

NOTES

SCALE:	AS SHOWN	SHEET No.:
DATE:	06.08.2024	
PROJECT No:	2017–64	
DRAWING BY:	ME	
CHK BY.:	JG	

