

PROPOSED 2 LOT SUBDIVISION

52 MT AIRY RD., CROTON-ON-HUDSON, NEW YORK

SEC. 68.17 BLOCK 1 LOT 3

MASTROGIACOMO
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GENERAL NOTES

GENERAL

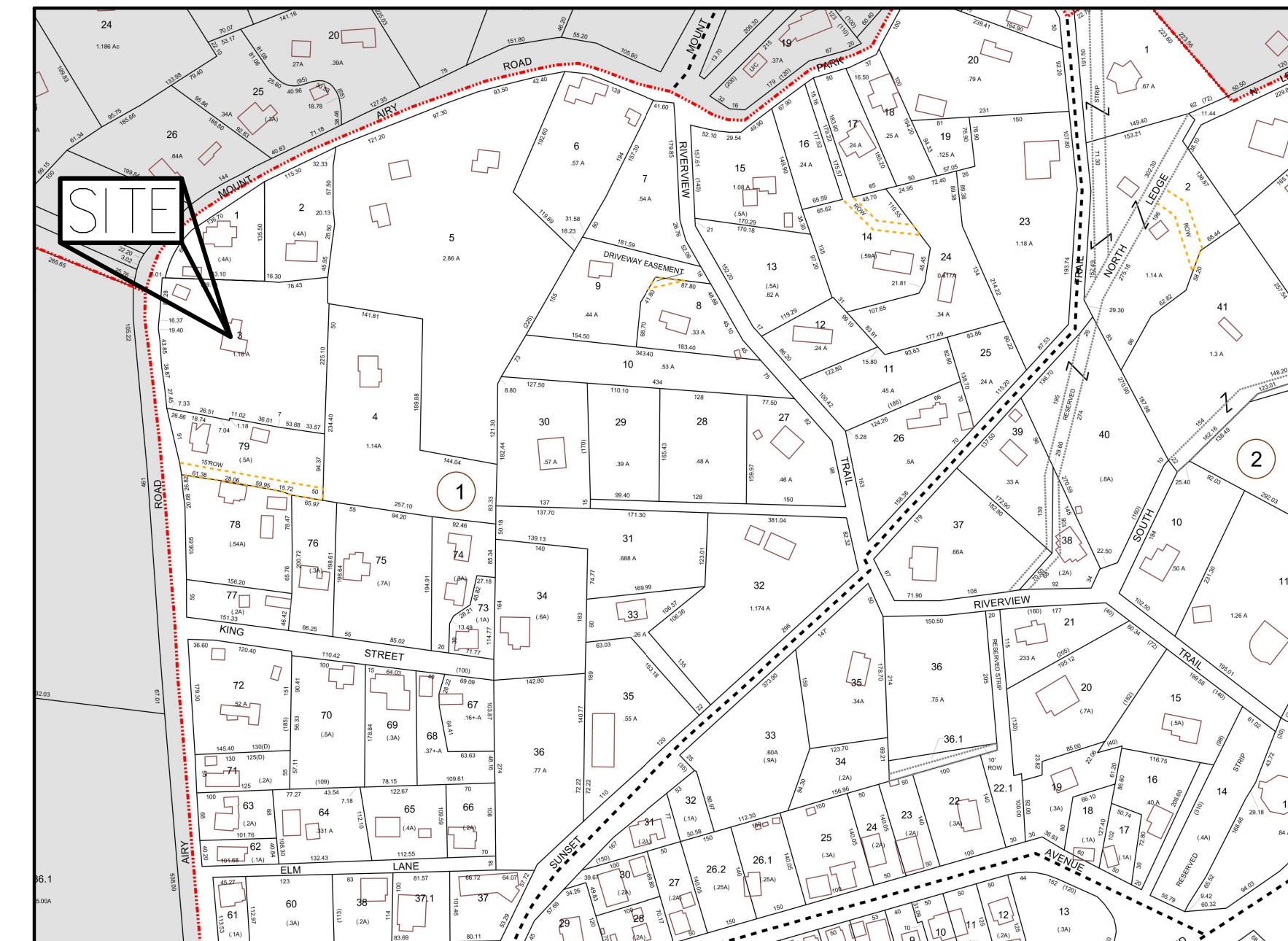
- STANDARDS OF CONSTRUCTION: ALL CONSTRUCTION SHALL CONFORM TO THE LOCAL MUNICIPAL STANDARDS, RULES AND REGULATIONS REGARDLESS OF WHAT MAY BE INDICATED ON THE PLANS.
- IMPORTED FILL: IF THE SITE REQUIRES IMPORTED FILL IN THE PROPOSED MUNICIPAL RIGHT OF WAY OR MUNICIPAL OWNED PROPERTY, ALL FILL MUST BE TESTED FOR COMPOSITION AND CHEMICALS IN ACCORDANCE WITH DPW DIRECTIONS AND AT THE FULL EXPENSE OF THE OWNER. THESE TEST RESULTS MUST BE RECEIVED PRIOR TO DEPOSITING MATERIAL ON MUNICIPAL PROPERTY. A LICENSED PROFESSIONAL ENGINEER MUST BE ON SITE TO APPROVE THE FILL, KEEP RECORDS, AND REVIEW THE CHAIN OF CUSTODY DOCUMENTATION OF EACH TRUCK BROUGHT TO THE SITE. THE REQUIRED NUMBER OF SAMPLES MUST BE TAKEN AND TESTED BY A NEW YORK STATE CERTIFIED LABORATORY. IN ADDITION, POLLUTION INSURANCE MUST BE PROVIDED PRIOR TO CONSTRUCTION, IN THE AMOUNT TO BE DETERMINED BY THE COMMISSIONER OF PUBLIC WORKS.
- EROSION, DUST & SEDIMENT CONTROL: THE DEVELOPER SHALL BE RESPONSIBLE FOR PROVIDING PROPER EROSION, SEDIMENT AND DUST CONTROL. ALL EROSION AND SEDIMENT CONTROL MUST BE SIZED AND DESIGNED IN ACCORDANCE WITH THE STANDARDS AND GUIDELINES PRESENTED IN THE LATEST NYSDEC REGULATIONS. THE DEVELOPER SHALL SUBMIT TO THE COMMISSIONER FOR APPROVAL, A PLAN WITH DETAILS DELINEATING THE METHODS HE INTENDS TO USE FOR EROSION, SEDIMENTATION AND DUST CONTROL DURING THE CONSTRUCTION OF THIS PROJECT. SILT PROTECTION AND ANY WATER RETENTION BASINS WILL BE THE FIRST ITEMS OF CONSTRUCTION. THE EROSION, SEDIMENTATION AND DUST CONTROLS MUST BE MAINTAINED THROUGHOUT CONSTRUCTION OR A STOP WORK ORDER WILL BE ISSUED BY DPW.
- INDUSTRIAL CODE RULE 753: THE DEVELOPER SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS PRIOR TO THE START OF HIS OPERATIONS AND SHALL COMPLY WITH ALL THE LATEST INDUSTRIAL CODE RULE 753 REGULATIONS.
- VERIFICATION AND PROTECTION OF EXISTING UTILITIES: THE DEVELOPER SHALL VERIFY THE SIZE, LOCATION, DEPTH AND INVERTS OF ALL EXISTING UTILITIES PRIOR TO COMMENCING HIS OPERATIONS. THE DEVELOPER SHALL PRESERVE AND PROTECT EXISTING PRIVATE AND MUNICIPAL UNDERGROUND AND OVERHEAD UTILITIES AND STRUCTURES, WHETHER OR NOT THEY ARE SHOWN ON THE APPROVED PLANS OR LOCATED UNDER INDUSTRIAL CODE RULE 753. THE COST OF REPAIRING DAMAGED UTILITIES OR STRUCTURES SHALL BE BORNE BY THE DEVELOPER. IF TEMPORARY UTILITIES ARE REQUIRED IT IS THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE AND MAINTAIN SAID UTILITIES.
- PIPE LAYOUT: THE DEVELOPER SHALL PERFORM ALL PROPOSED PIPE LAYOUT REQUIRED BY MEANS OF A LASER FOR EXACT VERTICAL AND HORIZONTAL ALIGNMENT. THE USE OF BATTER BOARDS, AS SPECIFIED IN THE MUNICIPAL STANDARD CONSTRUCTION SPECIFICATIONS ARTICLE 33.132 - "LAYOUT", SHALL NOT BE ALLOWED. THE DEVELOPER'S EQUIPMENT MUST HAVE BEEN CALIBRATED WITHIN THE PREVIOUS SIX (6) MONTHS PRIOR TO CONSTRUCTION. WRITTEN PROOF OF CALIBRATION MUST BE PROVIDED IF REQUIRED BY THE COMMISSIONER OF PUBLIC WORKS.
- INSPECTION & BACKFILL: NO BACKFILL SHALL BE PLACED OVER NEW CONSTRUCTION PRIOR TO INSPECTION AND APPROVAL BY DPW. THE DEVELOPER MUST HAVE A SUFFICIENT STOCKPILE OF CLEAN FILL IF EXCAVATED MATERIAL IS UNSUITABLE FOR BACKFILL (IE., ROCK, ORGANIC MATERIAL). THE USE OF CONTROLLED BACKFILL MATERIAL MAY BE REQUIRED IN TRENCHES IF DETERMINED BY THE COMMISSIONER OF PUBLIC WORKS.

EROSION CONTROL:

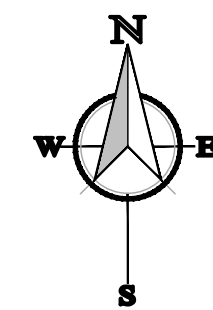
- INSTALL ALL EROSION CONTROL DEVICES AS INDICATED ON DRAWINGS AND IN ACCORDANCE WITH THE NEW YORK STATE STANDARDS & SPECIFICATIONS FOR EROSION & SEDIMENT CONTROL, LATEST REVISION.
- CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES DURING COURSE OF CONSTRUCTION.
- EROSION CONTROL DEVICES SHALL NOT BE REMOVED UNTIL FULL VEGETATION GROWTH HAS OCCURRED AND AS APPROVED BY THE VILLAGE INSPECTOR.
- SEEDING AND MULCHING SHALL BE AS FOLLOWS:
TEMPORARY SEEDING & MULCHING
 - LIME : 90LBS./1,000 SQ.FT. GROUND LIMESTONE, FERTILIZER : 4LBS./1,000 SQ.FT., 10-20-10 OR EQUIVALENT WORKED INTO SOIL A MINIMUM OF 4 INCHES.
 - SEED : ANNUAL RYEGRASS 40 LBS./ACRE OR OTHER APPROVED SEED, PLANT BETWEEN MARCH 1 AND MAY 15 OR BETWEEN AUGUST 15 AND OCTOBER 1.
 - MULCH : SALT HAY OR SMALL GRAIN STRAW AT A RATE OF 70 TO 90 LBS./1,000 SQ.FT. TO BE APPLIED ACCORDING TO STANDARD PRACTICES. MULCH SHALL BE SECURED BY APPROVED METHODS.
- THE APPLICANT SHALL BE REQUIRED TO CLEAN ROADWAYS FROM ALL SILTATION AND CONSTRUCTION DEBRIS AS REQUIRED, AND UPON COMPLETION OF THE WORK, WITHIN THE VICINITY OF THE PROJECT SITE
- ALL PLANS SHOULD FULLY INCORPORATE THE APPROPRIATE RECOMMENDATIONS FROM NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL DATED AUGUST 2001, OR THE MOST CURRENT VERSION OR ITS SUCCESSOR. THE PLAN AND ITS IMPLEMENTATION SHALL BE SUBJECT TO THE APPROVAL OF THE VILLAGE ENGINEER.

SITE WORK:

- THE SITE SHALL BE GRADED AS INDICATED ON THE DRAWINGS. ALL PROPOSED CONTOURS SHALL BE GRADED TO BLEND EVENLY WITH THE EXISTING CONTOURS.
- ALL DISTURBED AREAS WHICH WILL BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECTED TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE TEMPORARY SEEDING. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREA WILL BE MULCHED WITH SALT HAY, OR APPROVED EQUAL, AND BOUND AS PER THE NEW YORK STATE STANDARDS & SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- FILL MATERIAL SHALL BE CLEAN FILL AND SHALL BE INSTALLED IN 12 INCH LIFTS AND COMPACTED TO 95% OPTIMUM DENSITY.
- ALL PIPES SHALL BE SCHEDULE 40 P.V.C. PIPES UNLESS OTHERWISE NOTED.
- ALL GRAVEL SHALL BE 3/4" CRUSHED STONE OR RECYCLED MATERIAL IF ALLOWED BY THE MUNICIPALITY.
- MAINTAIN POSITIVE PITCHES ON ALL DRAIN PIPES TO EXISTING & PROPOSED DRAINAGE STRUCTURES UNLESS OTHERWISE NOTED HEREON.



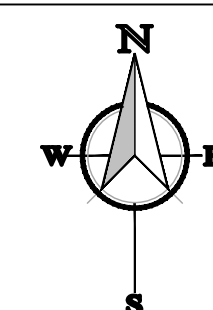
PROJECT MAP



Map Unit Legend

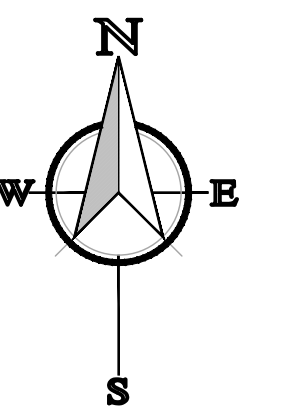
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CsD	Chertfield-Charlton complex, 15 to 35 percent slopes, very rocky	0.9	100.0%
Totals for Area of Interest		0.9	100.0%

USDA WEB SOIL SURVEY MAP



Revisions	
12.17.2024	LaBella Comments emailed 12.16.2024
01.03.2025	FINAL

Drawing North



Client Name and Address

BROADWAY
311 LLC
78 MAIN STREET
DOBBS FERRY, NY
10522

Project Information

PROPOSED
2 LOT
REALTY
SUBDIVISION
Sited At
52 MT. AIRY ROAD
VILLAGE OF
CROTON-ON-HUDSON
TOWN OF CORTLANDT
WESTCHESTER CO., N.Y.

ZONE: RA-25

TAX INFO:

SECTION: 68.17

BLOCK: 1

TAX LOT: 3

Job No. 25-006

Scale AS NOTED

Date 24 NOV 2025

Drawn By M.M.

Checked By M.M.

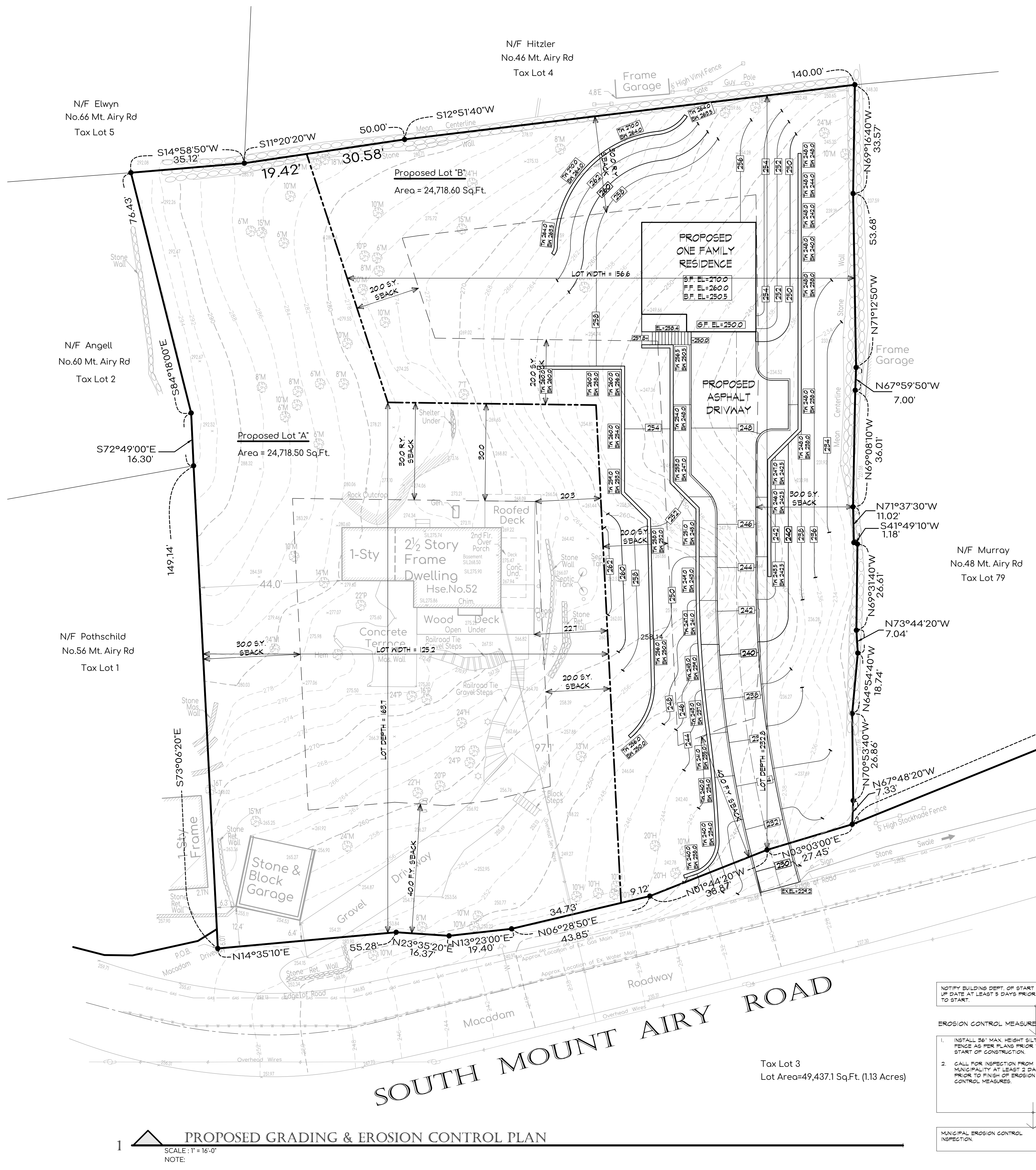
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Seal & Signature



DATE PLOTTED: 11/19/2025 10:58:11 AM
TITLE SHEET



CONSTRUCTION SEQUENCE

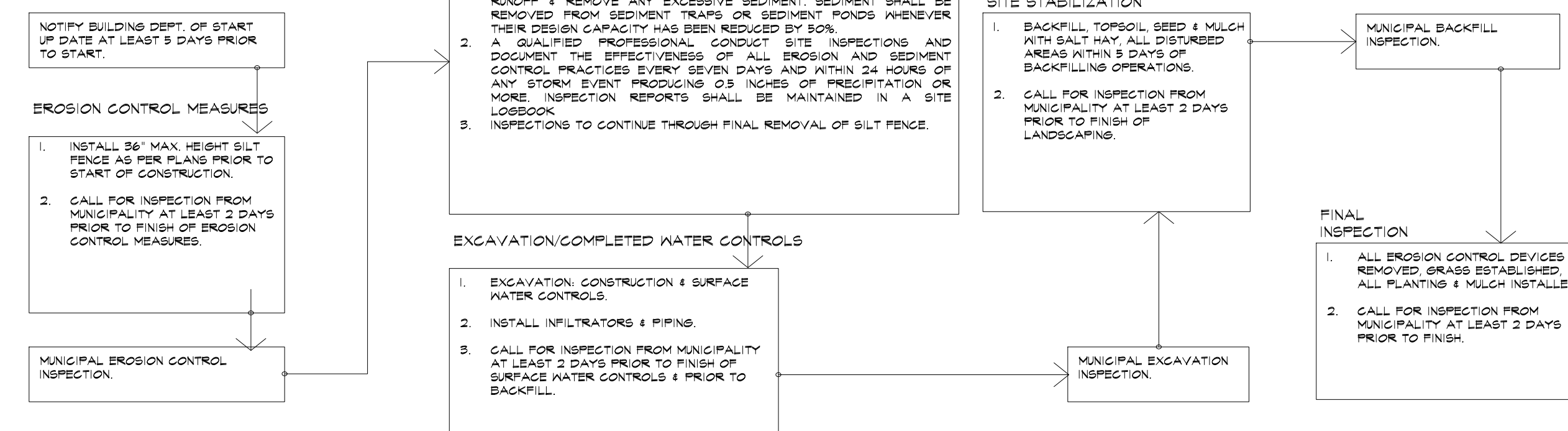
1. INSTALL SILT FENCE IN GENERAL LOCATIONS INDICATED ON THE PLAN.
2. INSTALL DRAINAGE STRUCTURES AND PIPES.
3. INSTALL CONSTRUCTION OF NEW WALLS & DRIVEWAY.
4. FINAL GRADING OF PROPERTY & INSTALLATION OF ASPHALT PAVEMENT.
5. TOPSOIL, SEED AND MULCH ALL DISTURBED AREAS AS SOON AS PRACTICAL IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL NOTES CONTAINED ON THIS PAGE.

NOTE: TEMPORARY EROSION & SEDIMENT CONTROL MEASURES CANNOT BE REMOVED UNTIL SITE STABILIZATION (80% UNIFORM DENSITY OR PERMANENT VEGETATION OR PERMANENT MULCH/STONE) HAS BEEN ACHIEVED.

- NOTE:
1. ALL IMPORTED SOIL SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS FOR QUALITY AND USE.
 2. OFF-SITE DISPOSAL OF EXCESS CUT SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.
 3. ALL EROSION & SEDIMENT CONTROL MEASURES SHALL CONFORM TO NEW YORK STATE STANDARDS & SPECIFICATIONS FOR EROSION & SEDIMENT CONTROL DATED NOVEMBER 2016.
 4. SEEDING AND MULCHING SHALL BE AS FOLLOWS:
 - 4.1. LIME: 90 LBS./1,000 SQ.FT. GROUND LIMESTONE, FERTILIZER: 4 LBS./1,000 SQ.FT., 10-20-10 OR EQUIVALENT WORKED INTO SOIL A MINIMUM OF 4 INCHES.
 - 4.2. SEED: ANNUAL RYEGRASS 40 LBS./ACRE OR OTHER APPROVED SEED, PLANT BETWEEN MARCH 1 AND MAY 15 OR BETWEEN AUGUST 15 AND OCTOBER 1.
 - 4.3. MULCH: SALT HAY OR SMALL GRAIN STRAW AT A RATE OF 70 TO 90 LBS./1,000 SQ.FT. TO BE APPLIED ACCORDING TO STANDARD PRACTICES. MULCH SHALL BE SECURED BY APPROVED METHODS.

POST-CONSTRUCTION MAINTENANCE SCHEDULE

1. MAINTENANCE OF CONTROLS AFTER CONSTRUCTION: CONTROLS (INCLUDING RESPECTIVE OUTLET STRUCTURES) SHOULD BE INSPECTED PERIODICALLY FOR THE FIRST FEW MONTHS AFTER CONSTRUCTION AND ON AN ANNUAL BASIS THEREAFTER. THEY SHOULD ALSO BE INSPECTED AFTER MAJOR STORM EVENTS.
2. DEBRIS AND LITTER REMOVAL: TWICE A YEAR, INSPECT OUTLET STRUCTURE AND DRAIN INLETS FOR ACCUMULATED DEBRIS. ALSO, REMOVE ANY ACCUMULATIONS DURING EACH MOWING OPERATION.
3. STRUCTURAL REPAIR/REPLACEMENT: OUTLET STRUCTURE MUST BE INSPECTED TWICE A YEAR FOR EVIDENCE OF STRUCTURAL DAMAGE AND REPAIRED IMMEDIATELY.
4. EROSION CONTROL: UNSTABLE AREAS SHALL IMMEDIATELY BE STABILIZED WITH VEGETATION OR OTHER APPROPRIATE EROSION CONTROL MEASURES.
5. SEDIMENT REMOVAL: SEDIMENT SHOULD BE REMOVED AFTER IT HAS REACHED A MAXIMUM DEPTH OF FIVE INCHES ABOVE THE STORMWATER MANAGEMENT SYSTEM FLOOR.



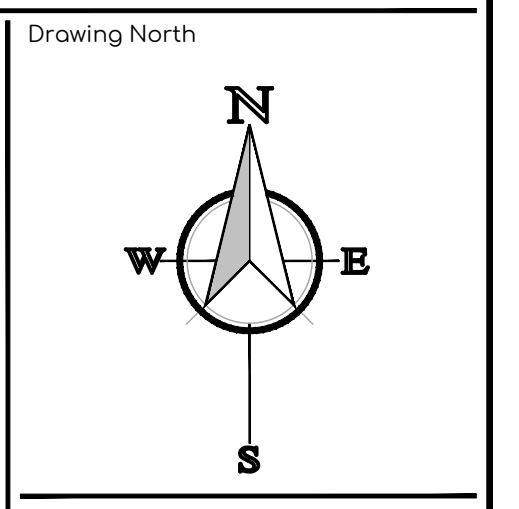
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Revisions

12.17.2024	LoBeta Comments emailed 12.16.2024
01.03.2025	FINAL



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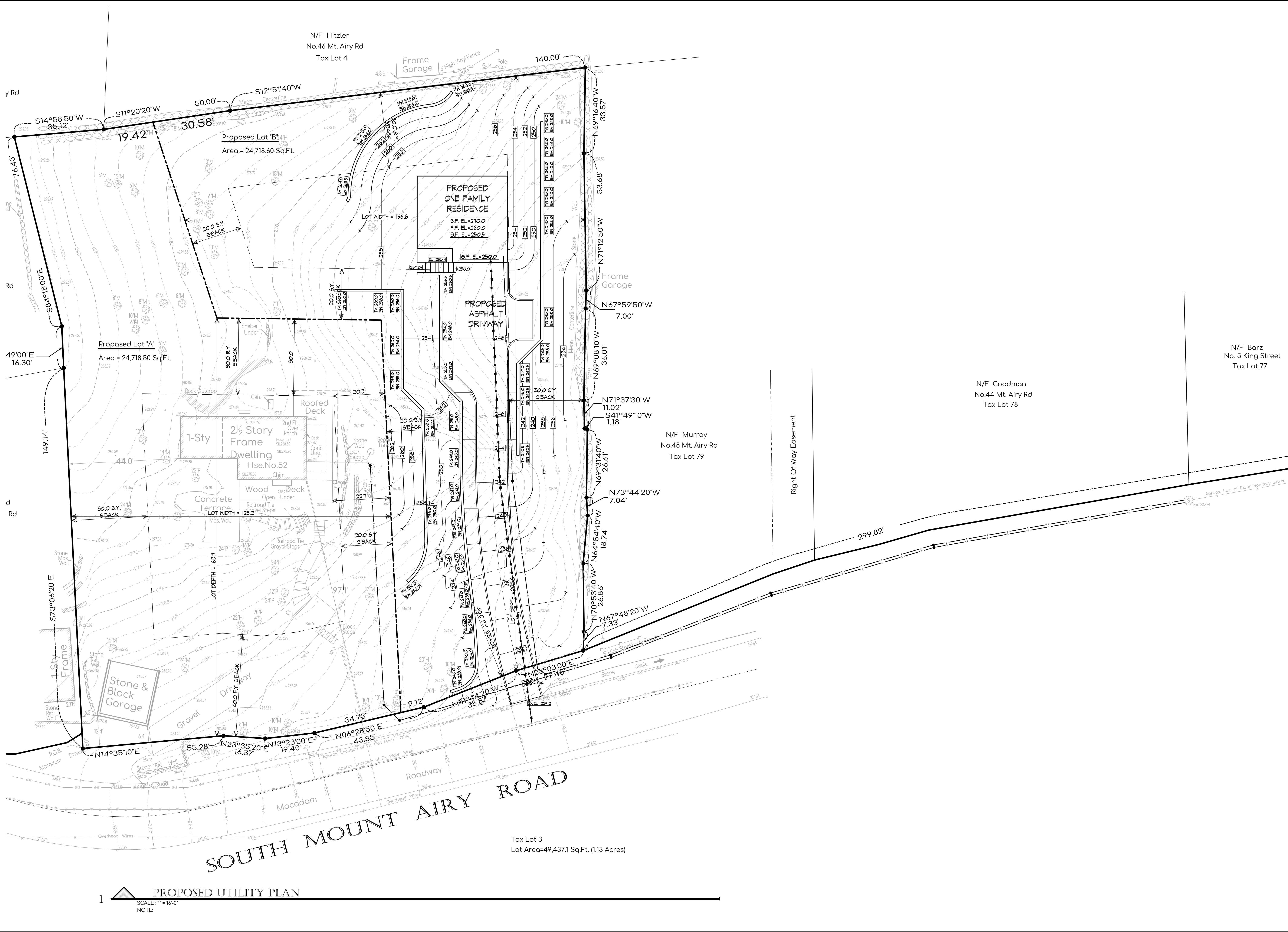
Project Information
PROPOSED 2 LOT REALTY SUBDIVISION
Sited at:
52 MT. AIRY ROAD
VILLAGE OF CROTON-ON-HUDSON
TOWN OF CORTLANDT
WESTCHESTER, CO., N.Y.

ZONE:	RA-25
TAX INFO:	
SECTION:	68.17
BLOCK:	1
TAX LOT:	3
Job No.:	25-006
Scale:	AS NOTED
Date:	24 NOV 2025
Drawn By:	M.M.
Checked By:	M.M.
Sheet:	

C102

Seal & Signature

1 PROPOSED GRADING & EROSION CONTROL PLAN
SCALE: 1" = 16'-0"
NOTE:



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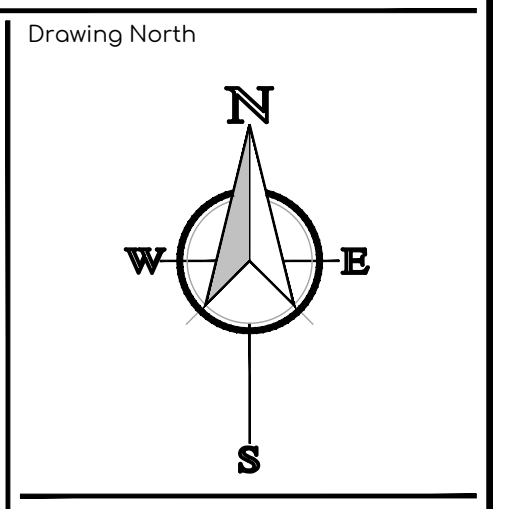
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TAX LOT : 3

Job No. : 25-006
Scale : AS NOTED
Date : 24 NOV 2025
Drawn By : M.M.
Checked By : M.M.
Sheet :

C103

Seal & Signature

1 **PROPOSED UTILITY PLAN**
SCALE: 1" = 16'-0"
NOTE:

Tax Lot 3
Lot Area=49,437.1 Sq.Ft. (1.13 Acres)

SOUTH MOUNT AIRY ROAD

CULTEC CONTACTOR® 100HD CHAMBER PRODUCT SPECIFICATIONS

GENERAL
CULTEC CONTACTOR 100HD CHAMBERS ARE DESIGNED FOR UNDERGROUND STORMWATER MANAGEMENT. THE CHAMBERS MAY BE USED FOR RETENTION, RECHARGING, DETENTION OR CONTROLLING THE FLOW OF ON-SITE STORMWATER RUNOFF.

CHAMBER PARAMETERS

- THE CHAMBERS SHALL BE MANUFACTURED BY CULTEC, INC. OF BROOKFIELD, CT. (203-775-4416 OR 1-800-428-5832)
- THE CHAMBER SHALL BE VACUUM THERMOFORMED OF HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHYLENE (HMWHDPE) WITH A BLACK INTERIOR AND BLUE EXTERIOR.
- THE CHAMBER SHALL BE ARCHED IN SHAPE.
- THE CHAMBER SHALL BE OPEN-BOTTOMED.
- THE CHAMBER SHALL BE JOINED USING AN INTERLOCKING OVERLAPPING RIB METHOD. CONNECTIONS MUST BE FULLY SHOULDERED OVERLAPPING RIBS, HAVING NO SEPARATE COUPLINGS OR SEPARATE END WALLS.
- THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC CONTACTOR 100HD SHALL BE 12.5 INCHES (318 mm) TALL, 36 INCHES (914 mm) WIDE AND 8 FEET (2.44 m) LONG. THE INSTALLED LENGTH OF A JOINED CONTACTOR 100HD SHALL BE 7.5 FEET (2.29 m).
- MAXIMUM INLET OPENING ON THE CHAMBER ENDWALL IS 10 INCHES (250 mm).
- THE CHAMBER SHALL HAVE TWO SIDE PORTALS TO ACCEPT CULTEC HVLV SFCx2 FEED CONNECTORS TO CREATE AN INTERNAL MANIFOLD. THE NOMINAL INSIDE DIMENSIONS OF EACH SIDE PORTAL SHALL BE 5.75 INCHES (146 mm) HIGH BY 7.5 INCHES (191 mm) WIDE. MAXIMUM ALLOWABLE OUTER DIAMETER (O.D.) PIPE SIZE IN THE SIDE PORTAL IS 6.9 INCHES (175 mm).
- THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC HVLV SFCx2 FEED CONNECTOR SHALL BE 7.8 INCHES (194 mm) TALL, 12 INCHES (305 mm) WIDE AND 19.7 INCHES (500 mm) LONG.
- THE NOMINAL STORAGE VOLUME OF THE CONTACTOR 100HD CHAMBER SHALL BE 1.866 FT³/FT (0.173 m³/m) - WITHOUT STONE. THE NOMINAL STORAGE VOLUME OF A JOINED CONTACTOR 100HD SHALL BE 13.995 FT³/UNIT (0.396 m³/UNIT) - WITHOUT STONE.
- THE NOMINAL STORAGE VOLUME OF THE HVLV SFCx2 FEED CONNECTOR SHALL BE 0.294 FT³/FT (0.027 m³/m) - WITHOUT STONE.
- THE CONTACTOR 100HD CHAMBER SHALL HAVE FORTY-FOUR DISCHARGE HOLES BORED INTO THE SIDEWALLS OF THE UNITS TO PROMOTE LATERAL CONVEYANCE OF WATER.
- THE CONTACTOR 100HD CHAMBER SHALL HAVE 16 CORRUGATIONS.
- THE ENDWALL OF THE CHAMBER, WHEN PRESENT, SHALL BE AN INTEGRAL PART OF THE CONTINUOUSLY FORMED UNIT. SEPARATE END PLATES CANNOT BE USED WITH THIS UNIT.
- THE CONTACTOR 100RHD STARTER UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO FULLY FORMED INTEGRAL ENDWALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS.
- THE CONTACTOR 100EH D MIDDLE/END UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY FORMED INTEGRAL ENDWALL AND ONE FULLY OPEN END WALL AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS.
- THE HVLV SFCx2 FEED CONNECTOR MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO OPEN END WALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS. THE UNIT SHALL FIT INTO THE SIDE PORTALS OF THE CONTACTOR 100HD AND ACT AS CROSS FEED CONNECTIONS.
- CHAMBERS MUST HAVE HORIZONTAL STIFFENING FLEX REDUCTION STEPS BETWEEN THE RIBS.
- THE CHAMBER SHALL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.
- HEAVY DUTY UNITS ARE DESIGNATED BY A COLORED STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER.
- THE CHAMBER SHALL HAVE A RAISED INTEGRAL CAP AT THE TOP OF THE ARCH IN THE CENTER OF EACH UNIT TO BE USED AS AN OPTIONAL INSPECTION PORT OR CLEAN-OUT.
- THE UNITS MAY BE TRIMMED TO CUSTOM LENGTHS BY CUTTING BACK TO ANY CORRUGATION.
- THE CHAMBER SHALL BE MANUFACTURED IN AN ISO 9001:2015 CERTIFIED FACILITY.
- THE CHAMBER SHALL BE DESIGNED AND MANUFACTURED TO MEET THE MATERIAL AND STRUCTURAL REQUIREMENTS OF ASTM F955-19, INCLUDING RESISTANCE TO AASH TO H-10 AND H-20 HIGHWAY LIVE LOADS, WHEN INSTALLED IN ACCORDANCE WITH CULTEC'S INSTALLATION INSTRUCTIONS.
- MAXIMUM ALLOWED COVER ON TOP OF UNIT SHALL BE 12.0 FEET [3.66 m]

CULTEC HVLV SFCx2 FEED CONNECTOR

GENERAL
CULTEC HVLV SFCx2 FEED CONNECTORS ARE DESIGNED TO CREATE AN INTERNAL MANIFOLD FOR CULTEC CONTACTOR 100HD STORMWATER CHAMBERS.

CHAMBER PARAMETERS

- THE CHAMBERS SHALL BE MANUFACTURED BY CULTEC, INC. OF BROOKFIELD, CT. (203-775-4416 OR 1-800-428-5832)
- THE CHAMBER SHALL BE VACUUM THERMOFORMED OF HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHYLENE (HMWHDPE) WITH A BLACK INTERIOR AND BLUE EXTERIOR.
- THE CHAMBER SHALL BE ARCHED IN SHAPE.
- THE CHAMBER SHALL BE OPEN-BOTTOMED.
- THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC HVLV SFCx2 FEED CONNECTOR SHALL BE 7.8 INCHES (194 mm) TALL, 12 INCHES (305 mm) WIDE AND 19.7 INCHES (500 mm) LONG.
- THE NOMINAL STORAGE VOLUME OF THE HVLV SFCx2 FEED CONNECTOR SHALL BE 0.294 FT³/FT (0.027 m³/m) - WITHOUT STONE.
- THE HVLV SFCx2 FEED CONNECTOR CHAMBER SHALL HAVE 3 CORRUGATIONS.
- THE HVLV SFCx2 FEED CONNECTOR MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO OPEN END WALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS. THE UNIT SHALL FIT INTO THE SIDE PORTALS OF THE CONTACTOR 100HD STORMWATER CHAMBER AND ACT AS CROSS FEED CONNECTIONS CREATING AN INTERNAL MANIFOLD.
- THE CHAMBER SHALL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.
- THE CHAMBER SHALL BE MANUFACTURED IN AN ISO 9001:2015 CERTIFIED FACILITY.

CULTEC NO. 410™ NON-WOVEN GEOTEXTILE
CULTEC NO. 410™ NON-WOVEN GEOTEXTILE MAY BE USED WITH CULTEC CONTACTOR® AND RECHARGER® STORMWATER INSTALLATIONS TO PROVIDE A BARRIER THAT PREVENTS SOIL INTRUSION INTO THE STONE.

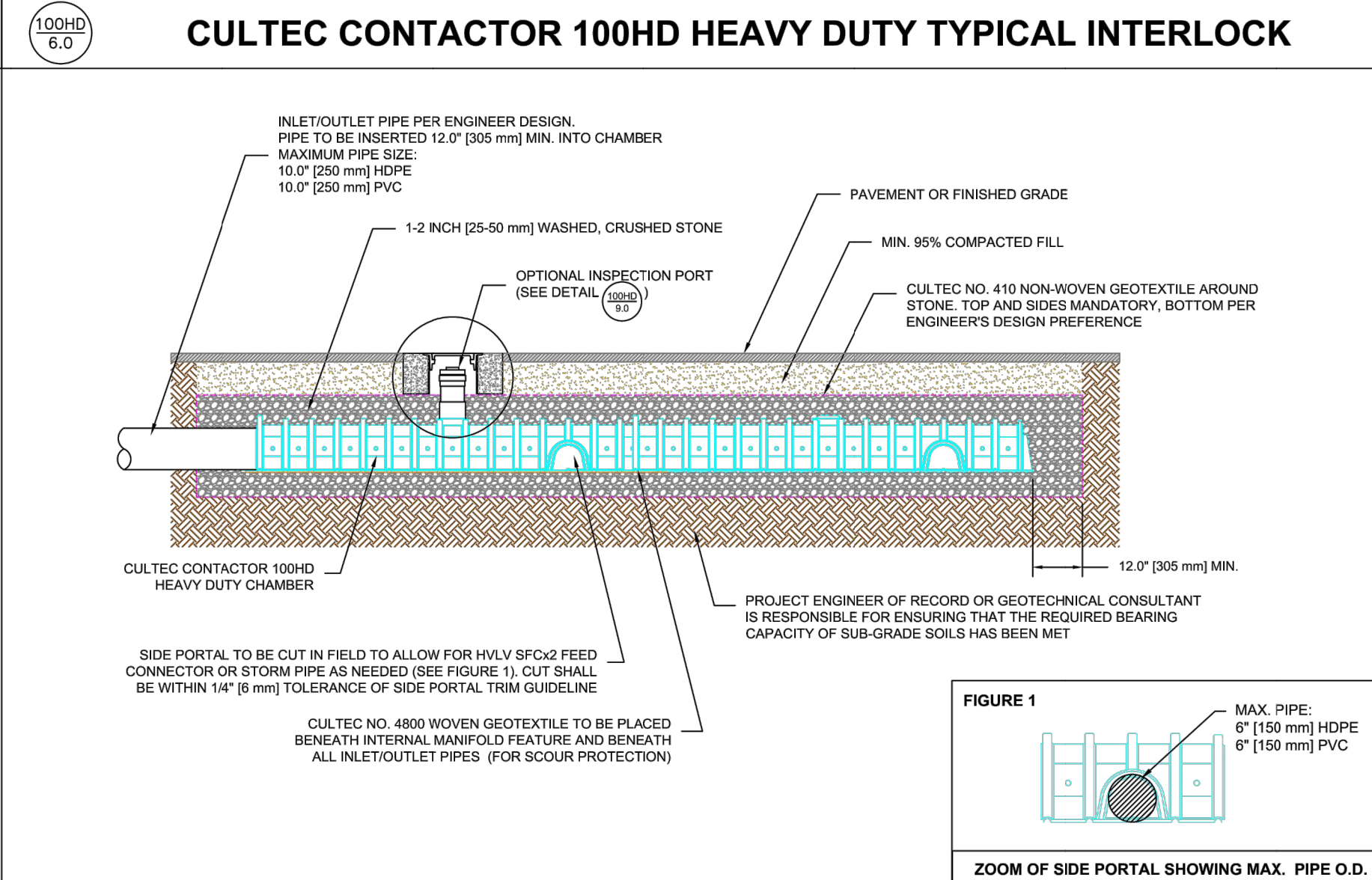
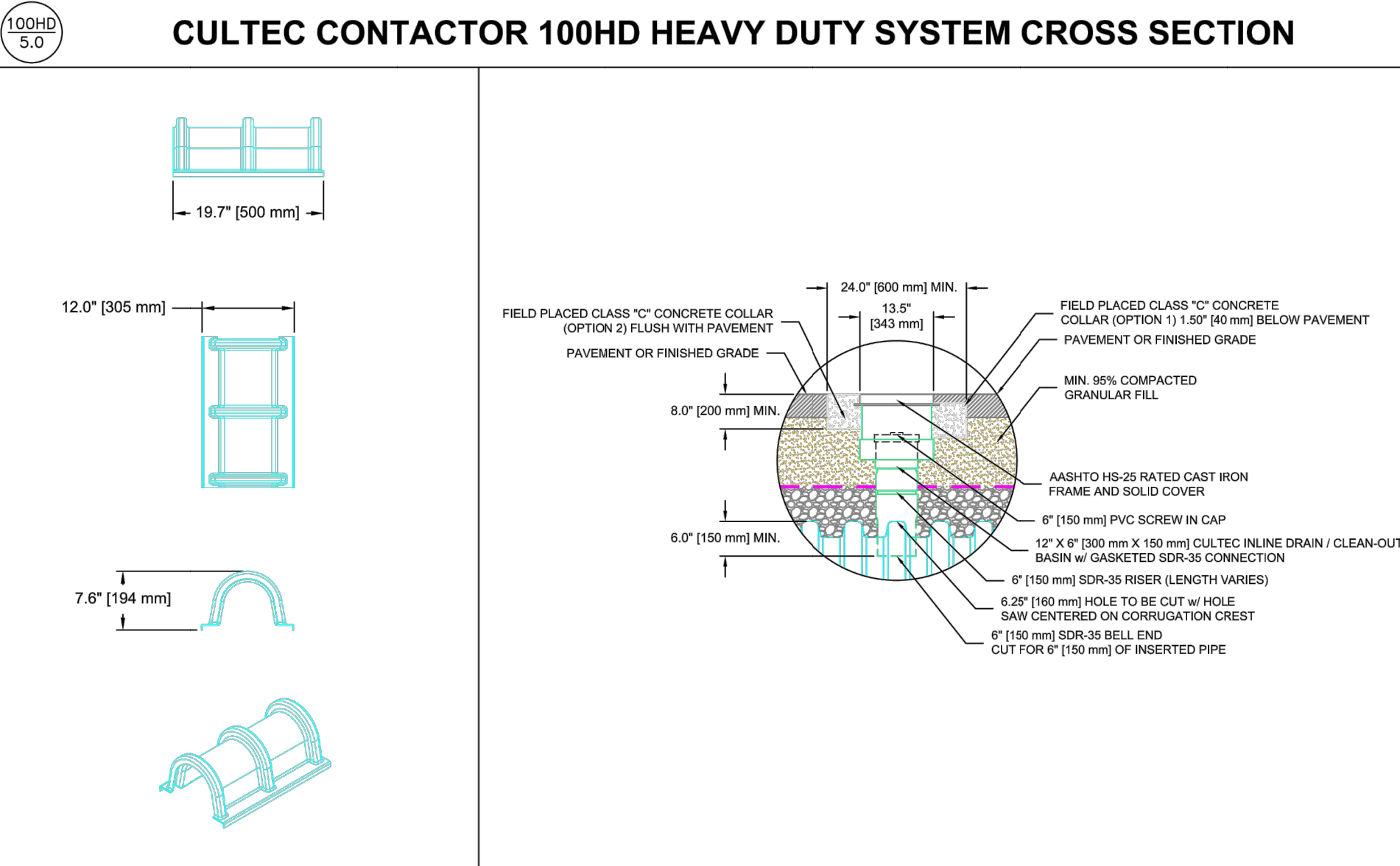
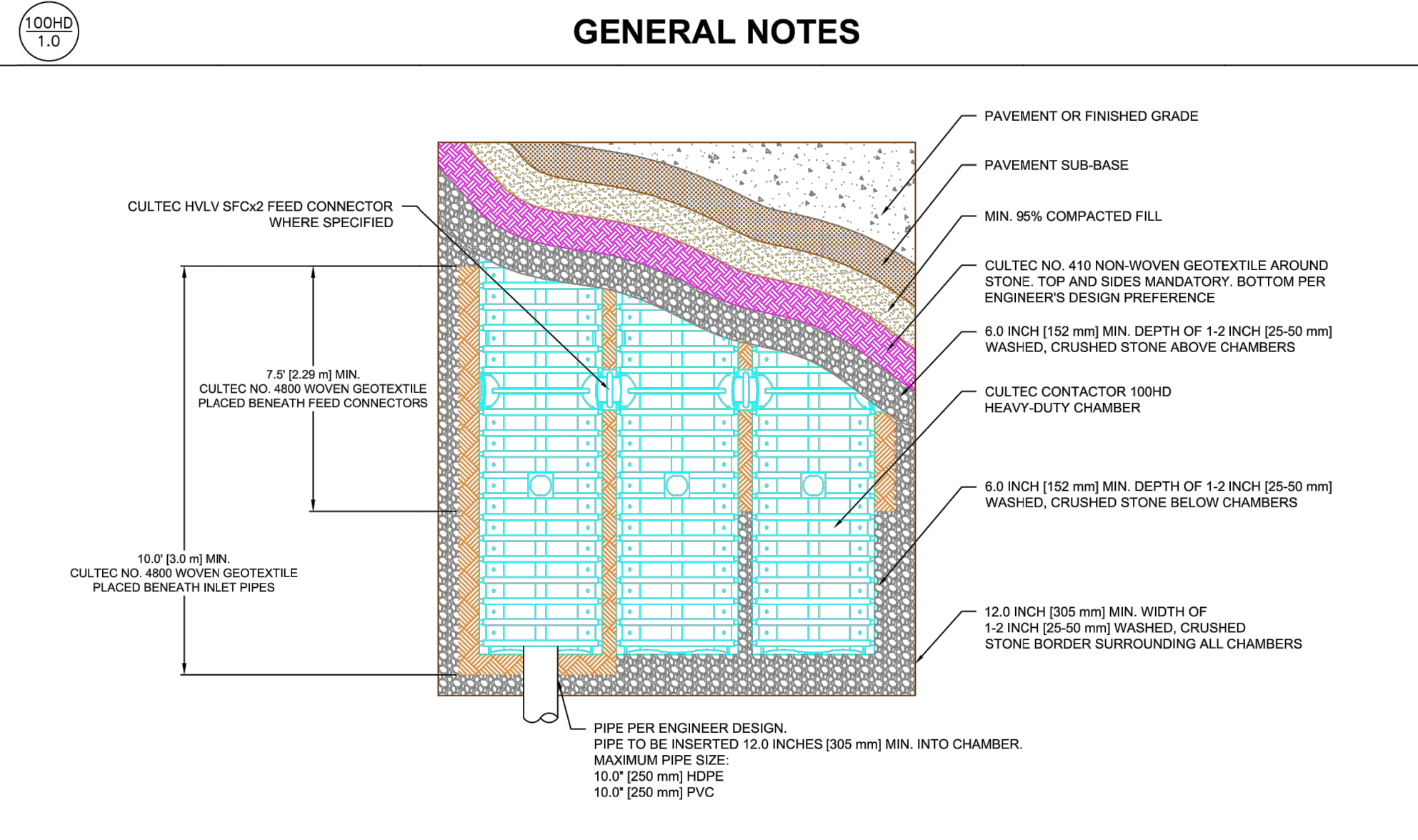
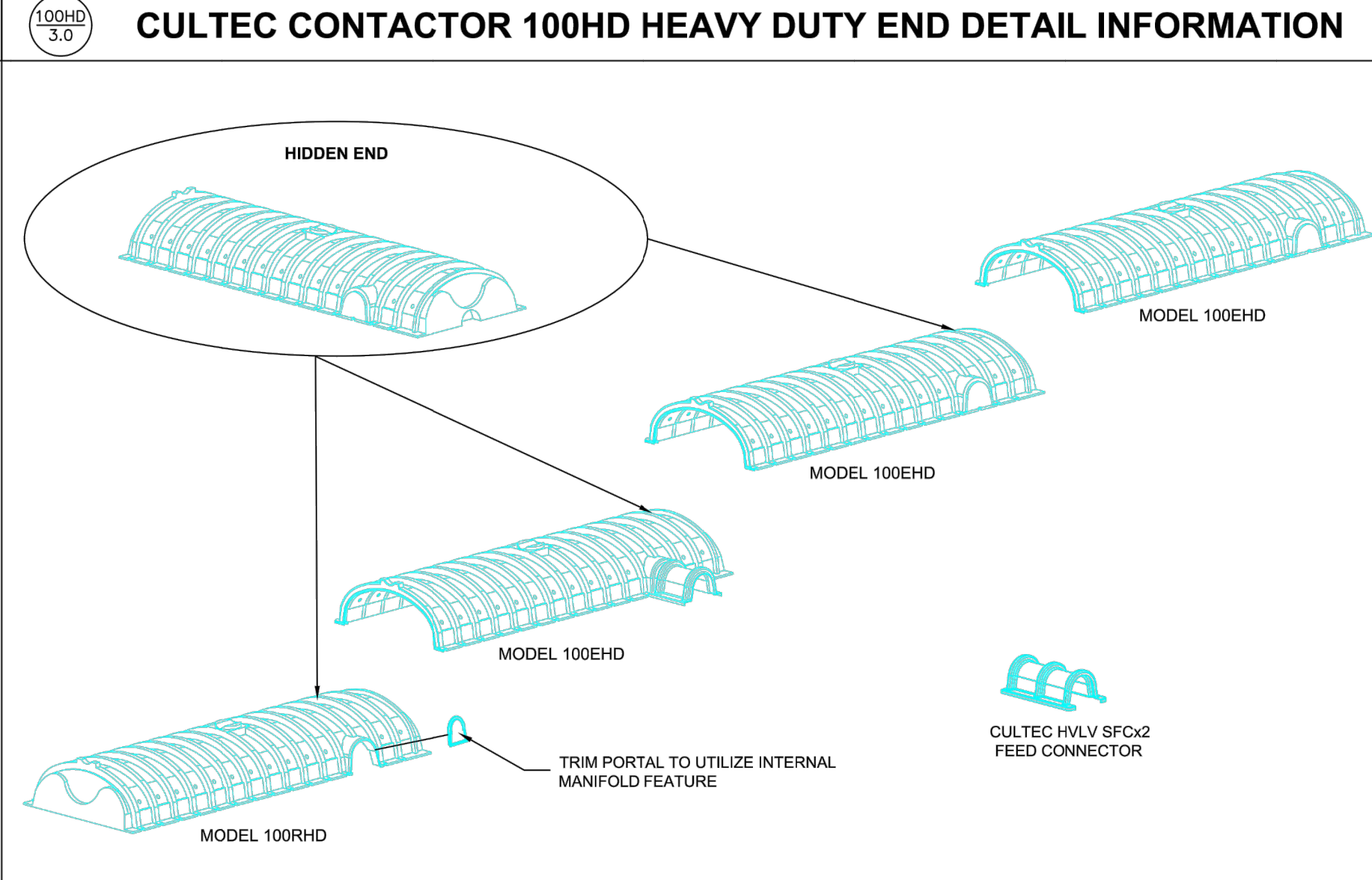
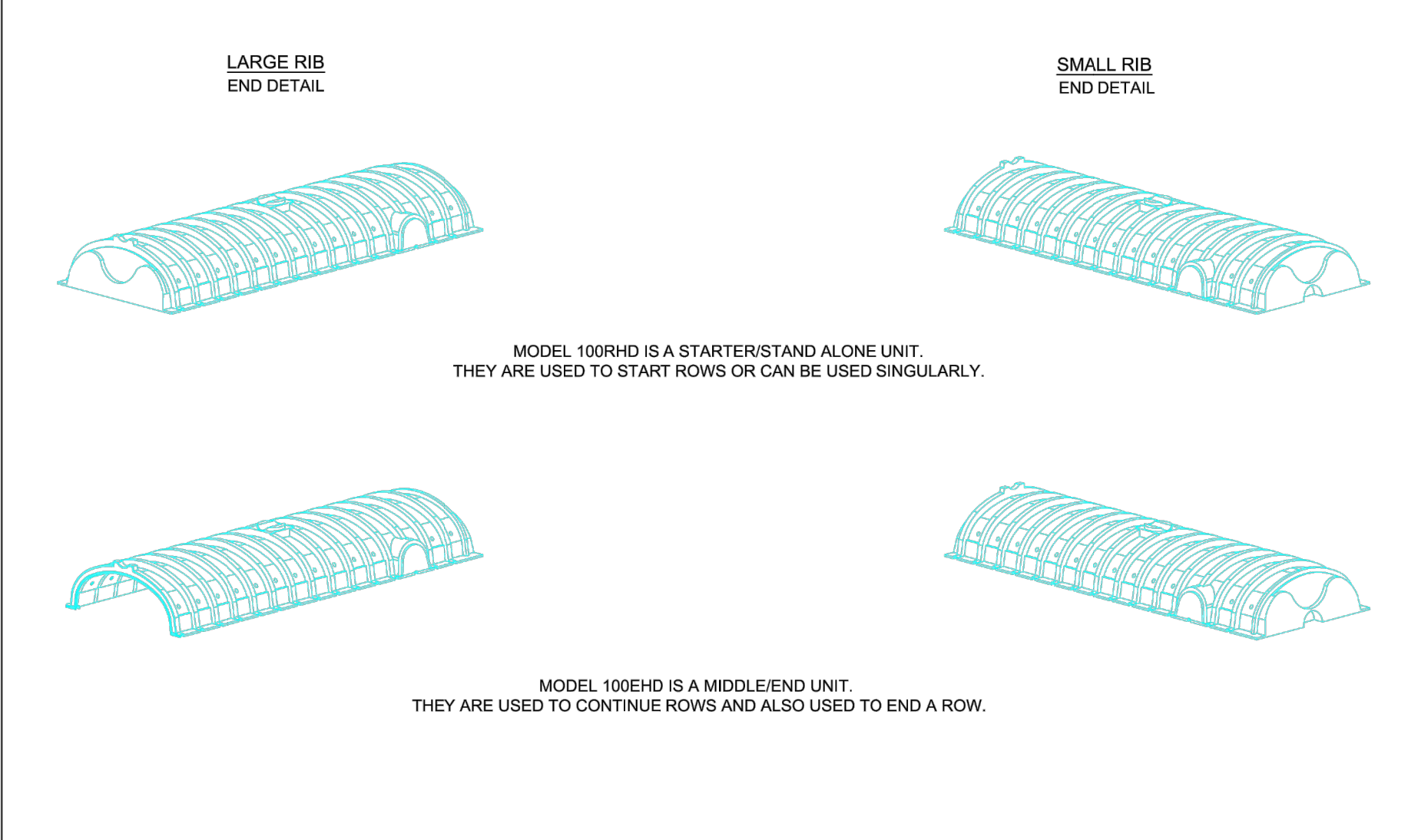
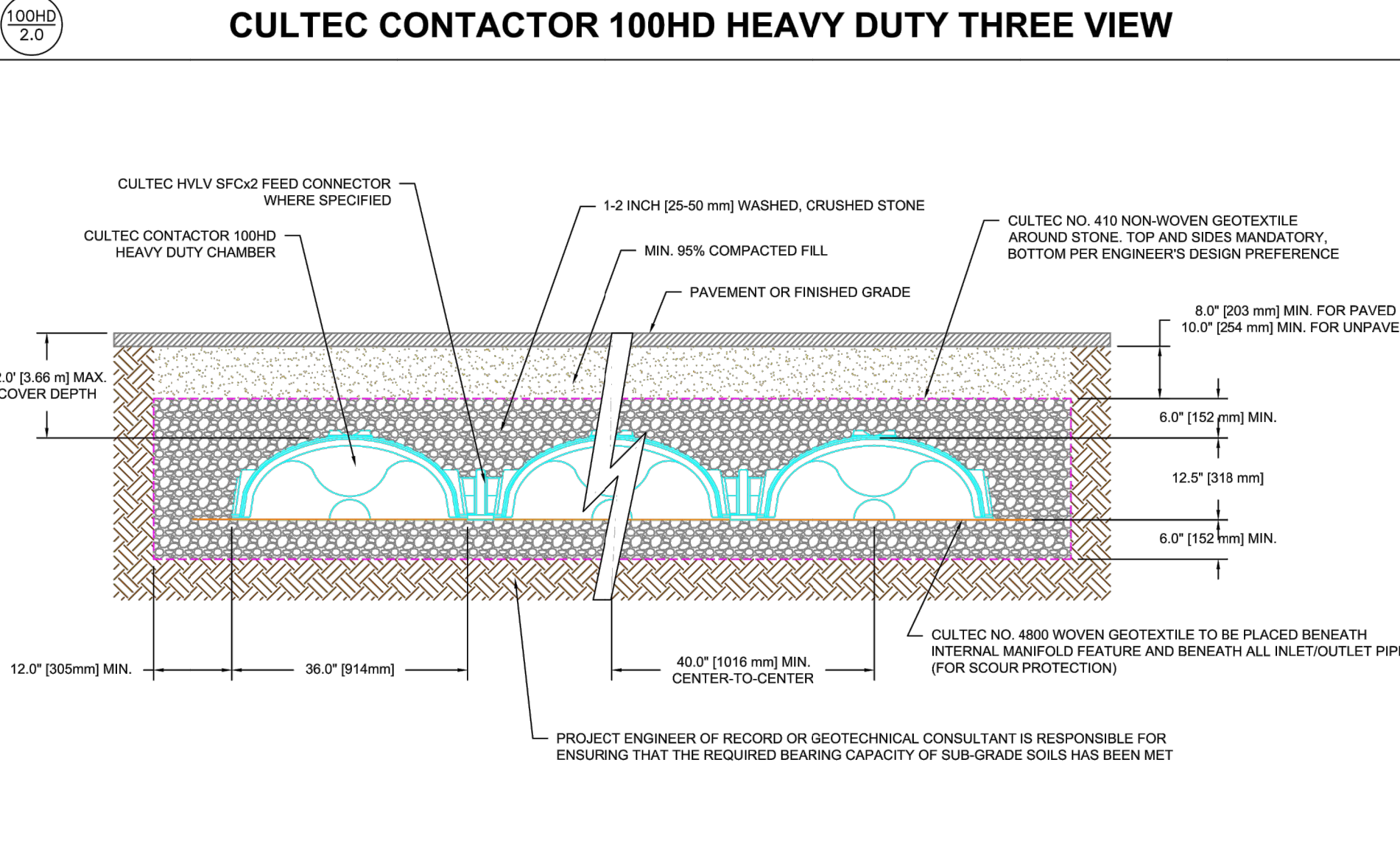
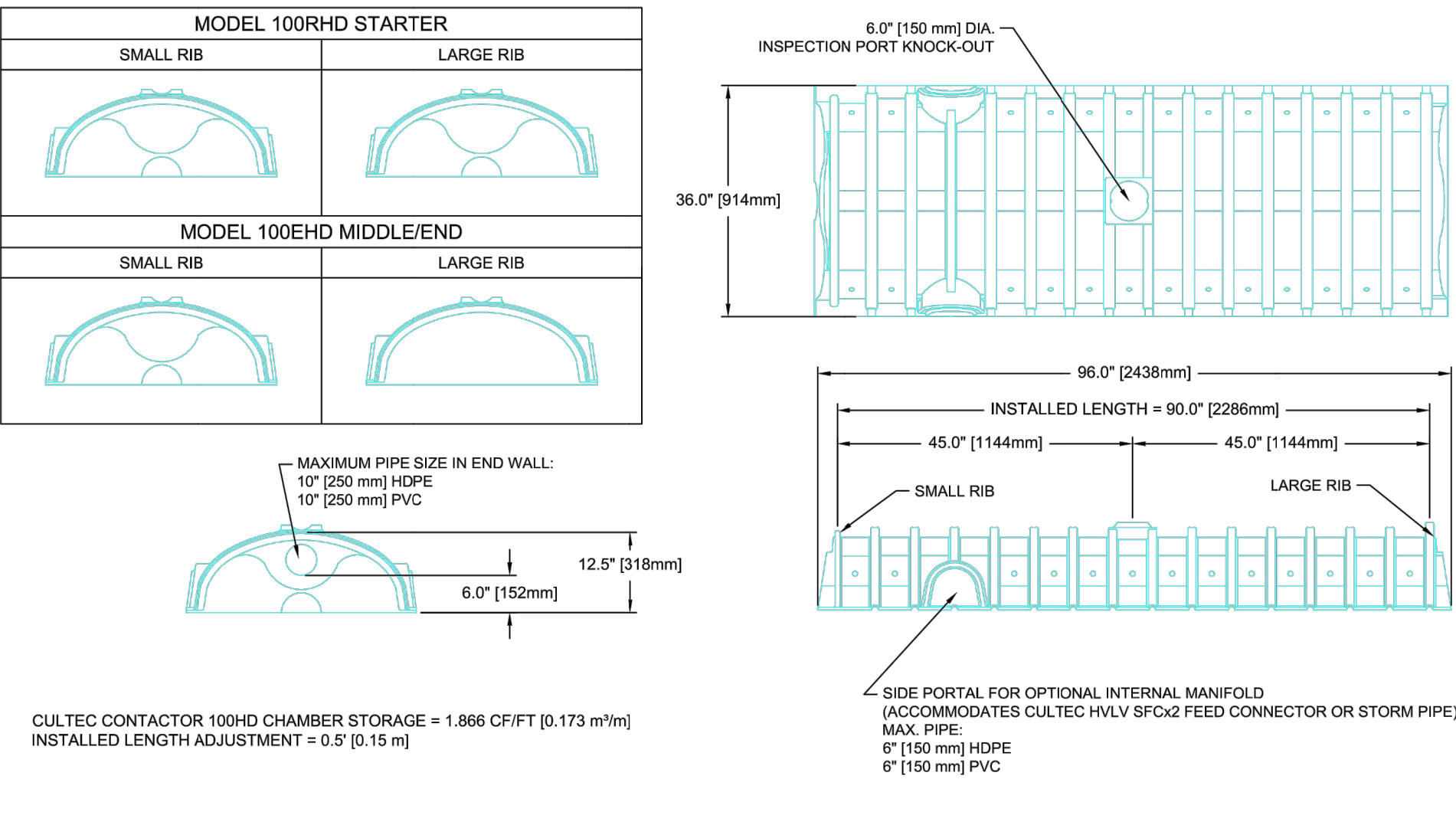
GEOTEXTILE PARAMETERS

- THE GEOTEXTILE SHALL BE PROVIDED BY CULTEC, INC. OF BROOKFIELD, CT. (203-775-4416 OR 1-800-428-5832)
- THE GEOTEXTILE SHALL BE BLACK IN APPEARANCE.
- THE GEOTEXTILE SHALL HAVE A TENSILE STRENGTH VALUE OF 4.5 OZ/SY (142 G/M).
- THE GEOTEXTILE SHALL HAVE A TENSILE STRENGTH VALUE OF 320 LBS (533 N) PER ASTM D4632 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE AN ELONGATION @ BREAK VALUE OF 50% PER ASTM D4632 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A MULLEN BURST VALUE OF 225 PSI (1551 KPA) PER ASTM D3786 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A PUNCTURE STRENGTH VALUE OF 65 LBS (289 N) PER ASTM D4833 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A CBR PUNCTURE VALUE OF 340 LBS (1513 N) PER ASTM D6241 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A TRAPEZOIDAL TEAR VALUE OF 50 LBS (222 N) PER ASTM D4533 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A AOS VALUE OF 70 U.S. SIEVE (0.212 MM) PER ASTM D4751 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A PERMITTIVITY VALUE OF 1.7 SEC-1 PER ASTM D4491 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A WATER FLOW RATE VALUE OF 135 GAL/MIN/SF (5500 L/MIN/SQ) PER ASTM D4491 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A UV STABILITY @ 500 HOURS VALUE OF 70% PER ASTM D4355 TESTING METHOD.

CULTEC NO. 4800™ WOVEN GEOTEXTILE
CULTEC NO. 4800™ WOVEN GEOTEXTILE IS DESIGNED AS AN UNDERLAYMENT TO PREVENT SCOURING CAUSED BY WATER MOVEMENT WITHIN THE CULTEC CHAMBERS AND FEED CONNECTORS UTILIZING THE CULTEC MANIFOLD FEATURE. IT MAY ALSO BE USED AS A COMPONENT OF THE CULTEC SEPARATOR ROW TO ACT AS A BARRIER TO PREVENT SOIL/CONTAMINANT INTRUSION INTO THE STONE WHILE ALLOWING FOR MAINTENANCE.

GEOTEXTILE PARAMETERS

- THE GEOTEXTILE SHALL BE PROVIDED BY CULTEC, INC. OF BROOKFIELD, CT. (203-775-4416 OR 1-800-428-5832)
- THE GEOTEXTILE SHALL BE BLACK IN APPEARANCE.
- THE GEOTEXTILE SHALL HAVE A TENSILE STRENGTH OF 550 X 550 LBS (2,448 X 2,448 N) PER ASTM D4632 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE AN ELONGATION @ BREAK RESISTANCE OF 20 X 20% PER ASTM D4632 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE OF 5,070 X 5,070 LBS/FT (74 X 74 KN/M) PER ASTM D4595 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE @ 2% STRAIN OF 960 X 1,096 LBS/FT (14 X 16 KN/M) PER ASTM D4595 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE @ 5% STRAIN OF 2,740 X 2,740 LBS/FT (40 X 40 KN/M) PER ASTM D4595 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE @ 10% STRAIN OF 4,800 X 4,800 LBS/FT (70 X 70 KN/M) PER ASTM D4595 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A CBR PUNCTURE RESISTANCE OF 1,700 LBS (7,550 N) PER ASTM D6241 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A TRAPEZOIDAL TEAR RESISTANCE OF 180 X 180 LBS (801 X 801 N) PER ASTM D4533 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE AN APPARENT OPENING SIZE OF 40 US STD. SIEVE (0.425 MM) PER ASTM D4751 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A PERMITTIVITY RATING OF 0.15 SEC-1 PER ASTM D4491 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A WATER FLOW RATING OF 11.5 GPM/FT2 (470 LPM/M2) PER ASTM D4491 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A UV RESISTANCE OF 80% @ 500 HRS. PER ASTM D4355 TESTING METHOD.



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tech@cultec.com

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CULTEC STORMWATER CHAMBER

PROJECT NO:	DATE:	2019
DRAWN BY: CULTEC, INC	CHECKED BY: TECH	
SCALE: N.T.S.	SHEET NO:	1 OF 1

MASTROGIACOMO ENGINEERING, P.C.
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Revisions

12.17.2024	LoBeta Comments emailed 12.16.2024
01.03.2025	FINAL

Drawing North

Client Name and Address
BROADWAY 311 LLC
78 MAIN STREET
DOBBS FERRY, NY
10522

Project Information
PROPOSED 2 LOT REALTY SUBDIVISION
Sited at
52 MT. AIRY ROAD
VILLAGE OF CROTON-ON-HUDSON
TOWN OF CORTLANDT
WESTCHESTER CO., N.Y.

ZONE: RA-25
TAX INFO:
SECTION: 68.17
BLOCK: 1
TAX LOT: 3

Job No. 25-006
Scale AS NOTED
Date 24 NOV 2025
Drawn By M.M.
Checked By M.M.
Sheet

C200

Seal & Signature

CONSTRUCTION DETAILS

NOTE
1. PROVIDE FILTER FABRIC ALONG BOTTOM OF INFILTRATOR

