

GENERAL NOTES

1. PROPERTY OWNER INFORMATION TAKEN FROM THE TOWN OF MONTVILLE ASSESSORS OFFICE GIS.
2. PROPERTY LINES TAKEN FROM THE TOWN OF MONTVILLE GIS.
3. ZONING DISTRICT LINES TAKEN FROM THE TOWN OF MONTVILLE GIS.

LEGEND

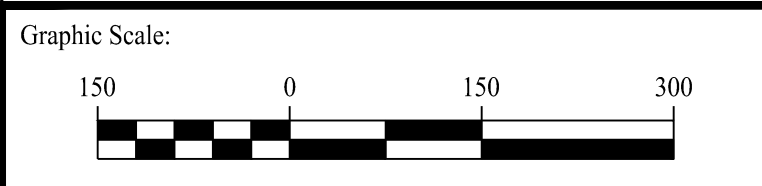
	PROPERTY LINE
	LIMIT OF 100' RADIUS FROM PROPERTY
	ZONE LINE
	ADJOINING LOT LINE
	100' BUFFER

ZONING LEGEND

R120	RESIDENTIAL R-120 DISTRICT
R80	RESIDENTIAL R-80 DISTRICT
R40	RESIDENTIAL R-40 DISTRICT
OS	OPEN SPACE (OS) DISTRICT
WRP-160	WATER RESOURCE PROTECTION R-160 DISTRICT

PROPERTY LINE (TYP.)
 100' PROPERTY RADIUS (TYP.)

Rev. #:	Date	Description



SOLLI ENGINEERING
 501 Main Street, Montpelier, VT 05602 T: (802) 880-5455 F: (802) 880-9695
 11 Vanderbilt Ave, Norwood, MA 02062 T: (781) 352-8491 F: (203) 880-9695

Drawn By:	CJS
Checked By:	CJB
Approved By:	KMS
Project #:	22109401
Plan Date:	07/17/23
Scale:	1" = 150'



Project:
**PROPOSED 2-LOT
 SUBDIVISION OF
 958 ROUTE 163
 MONTVILLE, CONNECTICUT**

Sheet Title:	Sheet #:
100' RADIUS MAP	1.40

GENERAL & SITE PLAN NOTES

- THESE PLANS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT FOR CONSTRUCTION. NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS IS GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.
- ALL PROPOSED SITE WORK IS TO BE COMPLETED IN ACCORDANCE WITH ALL PERMITS, APPROVALS, AND CONDITIONS OF APPROVALS ISSUED BY LOCAL, STATE, AND/OR FEDERAL REVIEWING AGENCIES.
- EXISTING BOUNDARY, TOPOGRAPHY AND SITE CONDITIONS INFORMATION TAKEN FROM A PLAN ENTITLED "PROPERTY & TOPOGRAPHIC SURVEY OF 88 GARDNER ROAD, MONTVILLE, CONNECTICUT", SCALE 1"=40', DATED 03/2022, BY "DTG ASSOCIATES".
- ALL CONSTRUCTION SHALL COMPLY WITH TOWN OF MONTVILLE STANDARDS, AND THE CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS IN THE ABOVE REFERENCED INCREASING HIERARCHY. IF SPECIFICATIONS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL APPLY. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
- THE OWNER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING PERMITS REQUIRED BY GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL COUNTY AND TOWN CONSTRUCTION PERMITS, INCLUDING SEWER AND WATER CONNECTION PERMITS. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
- THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE ENGINEER OF RECORD IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION REQUIREMENTS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING. ANY CONFLICT BETWEEN THE DRAWINGS SHALL BE CONFIRMED WITH THE OWNER'S CONSTRUCTION MANAGER PRIOR TO BIDDING.
- SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED, EXISTING PIPING, OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE ENGINEER OF RECORD IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
- DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
- THE CONTRACTOR SHALL RESTORE ANY DRAINAGE STRUCTURE, PIPE, UTILITY, PAVEMENT, CURBS, SIDEWALKS, LANDSCAPED AREAS OR SIGNAGE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AS APPROVED BY THE ENGINEER OF RECORD.
- THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ENGINEER OF RECORD HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFETY METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OR TO SUPERVISE SAFETY AND DOES NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
- ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER.
- ENGINEER OF RECORD, AND APPROPRIATE REGULATORY AGENCY PRIOR TO INSTALLATION DURING THE BIDDING PROCESS.
- INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR IDENTIFYING AND VERIFYING THE LOCATION, DEPTH, AND HORIZONTAL DISTANCES OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT 7800 922-4455 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.

DRAINAGE & UTILITY NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS REQUIRED BY GOVERNMENT AND LOCAL AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY CONSTRUCTION PERMITS FROM LOCAL GOVERNING AUTHORITIES AND STATE REQUIRED TO PERFORM ALL REQUIRED WORK, INCLUDING FOR STREET CUTS AND CONNECTIONS TO EXISTING UTILITIES. THE CONTRACTOR SHALL POST ALL BONDS, EXCEPT CONNECTICUT DOT ENCROACHMENT PERMIT BOND, PAY ALL FEES, PROVIDE PROOF OF INSURANCE, AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
- PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT 7800 922-4455 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR IDENTIFYING AND VERIFYING THE LOCATION, DEPTH, AND HORIZONTAL DISTANCES OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT 7800 922-4455 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
- SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED, EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE ENGINEER OF RECORD IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
- ALL DISTURBANCE INCURRED TO TOWN, COUNTY, OR STATE PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS PREVIOUS CONDITION OR BETTER.
- IF IMPACTED OR CONTAMINATED SOIL IS ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL SUSPEND EXCAVATION WORK OF IMPACTED SOIL AND NOTIFY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT.
- PROPER CONSTRUCTION PROCEDURES SHALL BE FOLLOWED ON ALL IMPROVEMENTS WITHIN THIS PARCEL SO AS TO PREVENT THE SILING OF ANY WATERCOURSE OR WETLANDS IN ACCORDANCE WITH THE REGULATIONS OF THE CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- ALL PILE LENGTHS AND HORIZONTAL DISTANCES ARE APPROXIMATE.
- GRAVING CONTRACTOR SHALL RESTORE TO GRADE AND COMPACTION ALL AREAS DISTURBED BY BUILDING CONSTRUCTION PRIOR TO PAVING OPERATIONS COMMENCING.

PRIMARY SEPTIC SYSTEM DESIGN

ALL PRIMARY AND RESERVE LEACHING AREAS WERE DESIGNED IN ACCORDANCE WITH CONNECTICUT PUBLIC HEALTH CODE, ON-SITE SEWAGE DISPOSAL REGULATIONS, AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS.

PRIMARY SYSTEM
 4-BEDROOM BUILDING
 PERCOLATION RATE = 10.1-20.0
 REQUIRED EFFECTIVE LEACHING AREA (ELA):
 4-BEDROOM BUILDING: 787.5 SF
 PROPOSED LEACHING SYSTEM: MANTIS 536-8
 GALLERY DEPTH = 18 IN
 GALLERY WIDTH = 36 IN
 LEACHING SYSTEM ELA = 11.0 SF/LF
 CENTER TO CENTER SPACING = 12 FT
 SYSTEM LENGTH = 787.5 SF ÷ 11.0 SF/LF = 71.6 LF
 USE 75 LF OF MANTIS 536-8 LEACHING SYSTEM

RESERVE SEPTIC SYSTEM DESIGN

ALL PRIMARY AND RESERVE LEACHING AREAS WERE DESIGNED IN ACCORDANCE WITH CONNECTICUT PUBLIC HEALTH CODE, ON-SITE SEWAGE DISPOSAL REGULATIONS, AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS.

RESERVE SYSTEM
 4-BEDROOM BUILDING
 PERCOLATION RATE = 10.1-20.0
 REQUIRED EFFECTIVE LEACHING AREA (ELA):
 4-BEDROOM BUILDING: 787.5 SF
 PROPOSED LEACHING SYSTEM: MANTIS 536-8
 GALLERY DEPTH = 18 IN
 GALLERY WIDTH = 36 IN
 LEACHING SYSTEM ELA = 11.0 SF/LF
 CENTER TO CENTER SPACING = 12 FT
 SYSTEM LENGTH = 787.5 SF ÷ 11.0 SF/LF = 71.6 LF
 USE 75 LF OF MANTIS 536-8 LEACHING SYSTEM

LEGEND

- PROPERTY LINE
- ADJOINING LOT LINE
- BUILDING SETBACK
- EDGE OF PAVEMENT
- SAWCUT PAVEMENT LINE
- LIMIT OF WETLANDS
- LIMIT OF UPLAND REVIEW AREA
- EXISTING TREE LINE
- PROPOSED TREE LINE
- MAJOR CONTOURS
- MINOR CONTOURS
- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- UNDERGROUND ELECTRIC, TELEPHONE AND CABLE LINES
- SANITARY SEWER PIPE
- PRIMARY LEACHING TRENCH
- RESERVE LEACHING TRENCH
- TP-103 TEST PIT LOCATION
- PT-103 PERCOLATION TEST HOLE
- ⊙ EXISTING WELL
- ⊙ PROPOSED WELL
- ⊙ 75' WELL BUFFER

Rev. #:	Date	Description

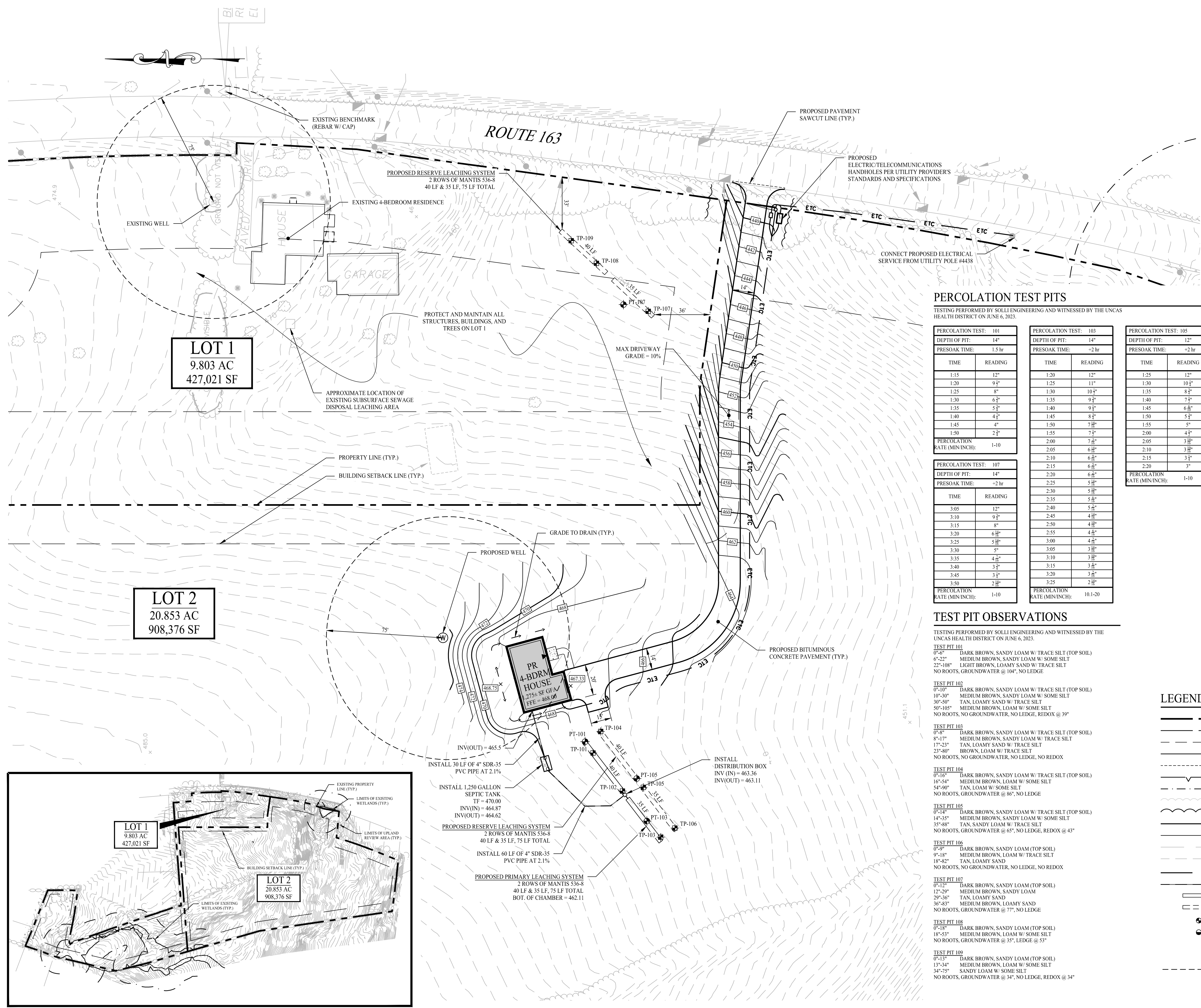


Drawn By: AWC
 Checked By: CJB
 Approved By: KMS
 Project #: 22109401
 Plan Date: 07/17/23
 Scale: 1" = 30'



Project:
PROPOSED 2-LOT SUBDIVISION OF 958 ROUTE 163 MONTVILLE, CONNECTICUT

Sheet Title: **POTENTIAL DEVELOPMENT PLAN** Sheet #: **2.11**



PERCOLATION TEST PITS

TESTING PERFORMED BY SOLLI ENGINEERING AND WITNESSED BY THE LUNAS HEALTH DISTRICT ON JUNE 6, 2023.

PERCOLATION TEST: 101			PERCOLATION TEST: 103			PERCOLATION TEST: 105		
DEPTH OF PIT:	14"		DEPTH OF PIT:	14"		DEPTH OF PIT:	12"	
PRESOAK TIME:	1.5 hr		PRESOAK TIME:	~2 hr		PRESOAK TIME:	~2 hr	
TIME	READING		TIME	READING		TIME	READING	
1:15	12"		1:20	12"		1:25	12"	
1:20	9 1/2"		1:25	11"		1:30	10 1/2"	
1:25	8"		1:30	10 1/2"		1:35	8"	
1:30	6 1/2"		1:35	9 1/2"		1:40	7 1/2"	
1:35	5 1/2"		1:40	9 1/2"		1:45	6 1/2"	
1:40	4 1/2"		1:45	8 1/2"		1:50	5 1/2"	
1:45	4"		1:50	7 1/2"		1:55	5"	
1:50	2 1/2"		1:55	7 1/2"		2:00	4 1/2"	
PERCOLATION RATE (MIN/INCH):	1-10		2:00	7 1/2"		2:05	3 1/2"	
			2:05	6 1/2"		2:10	3 1/2"	
			2:10	6 1/2"		2:15	3 1/2"	
			2:15	6 1/2"		2:20	3"	
			2:20	6 1/2"		PERCOLATION RATE (MIN/INCH):	1-10	
			2:25	5 1/2"				
			2:30	5 1/2"				
			2:35	5 1/2"				
			2:40	5 1/2"				
			2:45	4 1/2"				
			2:50	4 1/2"				
			2:55	4 1/2"				
			3:00	4 1/2"				
			3:05	3 1/2"				
			3:10	3 1/2"				
			3:15	3 1/2"				
			3:20	3 1/2"				
			3:25	2 1/2"				
PERCOLATION RATE (MIN/INCH):	1-10		PERCOLATION RATE (MIN/INCH):	10.1-20				

TEST PIT OBSERVATIONS

TESTING PERFORMED BY SOLLI ENGINEERING AND WITNESSED BY THE LUNAS HEALTH DISTRICT ON JUNE 6, 2023.

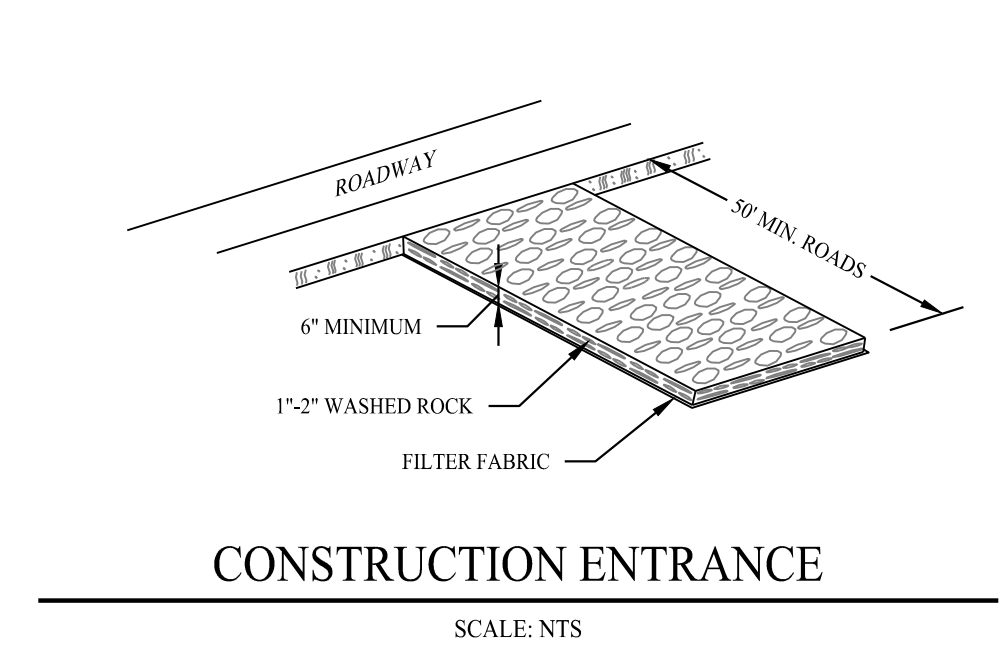
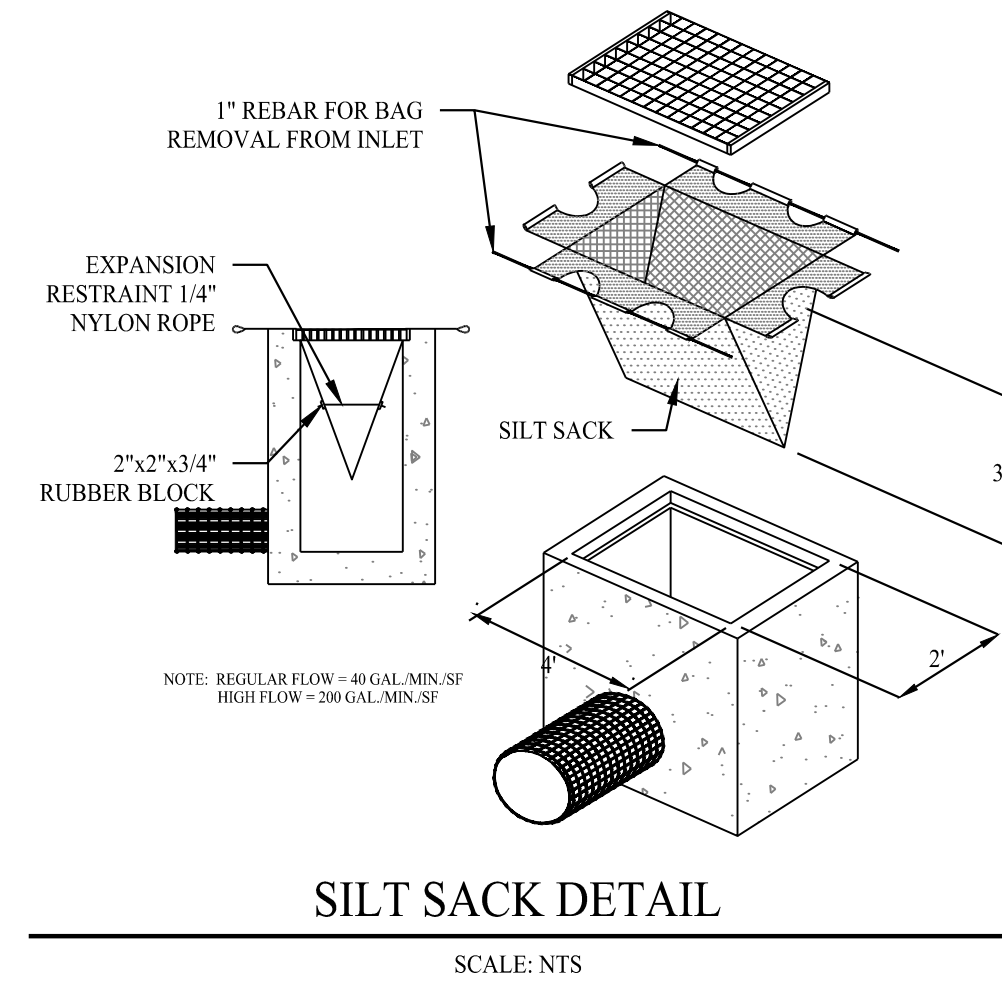
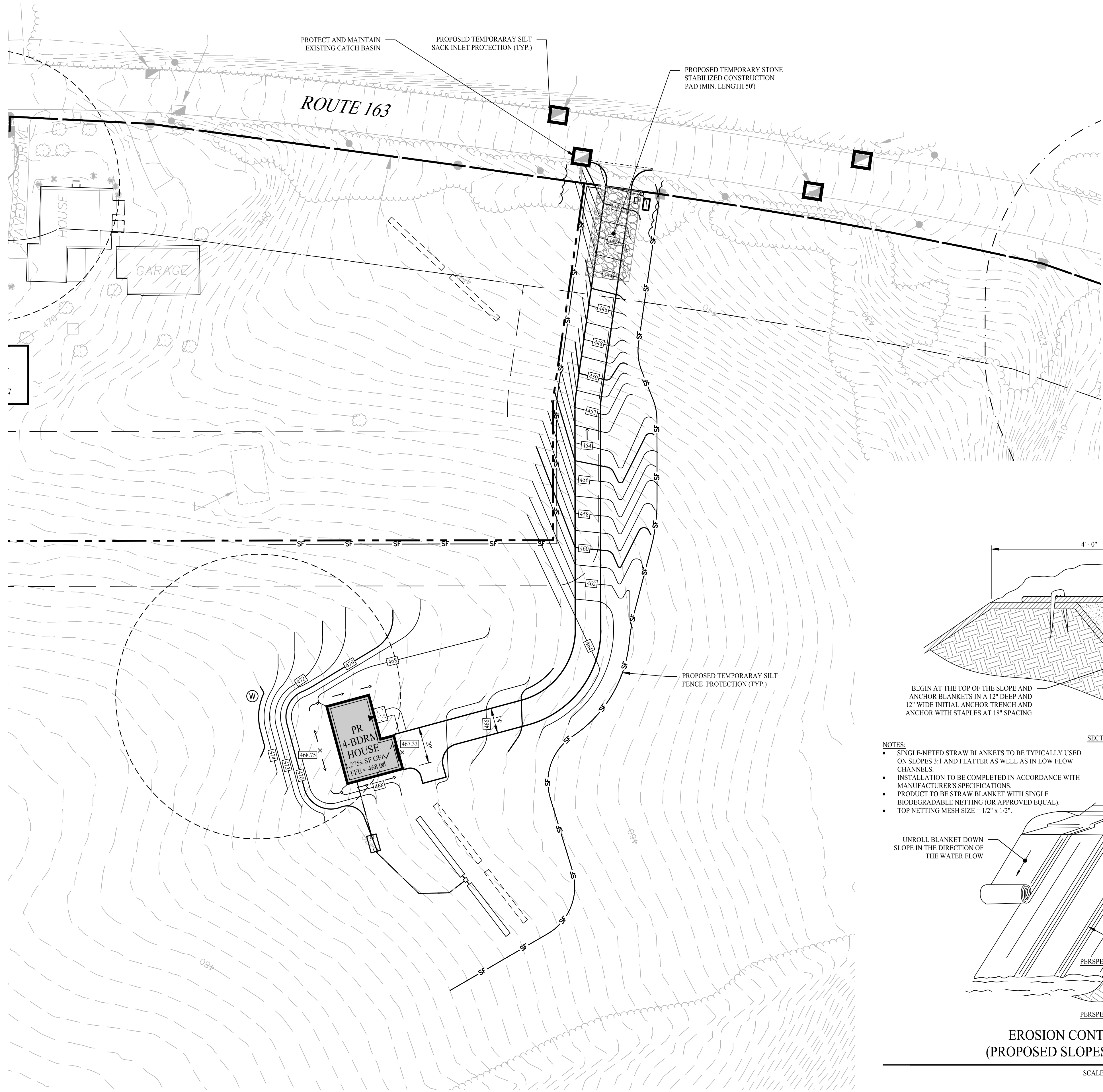
- TEST PIT 101**
 05'-00" DARK BROWN, SANDY LOAM W/ TRACE SILT (TOP SOIL)
 6'-22" MEDIUM BROWN, SANDY LOAM W/ SOME SILT
 22'-08" LIGHT LOAMY SAND W/ TRACE SILT
 NO ROOTS, GROUNDWATER @ 104", NO LEDGE.
- TEST PIT 102**
 05'-10" DARK BROWN, SANDY LOAM W/ TRACE SILT (TOP SOIL)
 10'-30" MEDIUM BROWN, SANDY LOAM W/ SOME SILT
 30'-50" TAN, LOAMY SAND W/ TRACE SILT
 50'-105" MEDIUM BROWN, LOAM W/ SOME SILT
 NO ROOTS, NO GROUNDWATER, NO LEDGE, REDOX @ 39"
- TEST PIT 103**
 05'-00" DARK BROWN, SANDY LOAM W/ TRACE SILT (TOP SOIL)
 8'-17" MEDIUM BROWN, SANDY LOAM W/ TRACE SILT
 17'-23" TAN, LOAMY SAND W/ TRACE SILT
 23'-80" BROWN, LOAM W/ TRACE SILT
 NO ROOTS, NO GROUNDWATER, NO LEDGE, NO REDOX
- TEST PIT 104**
 05'-10" DARK BROWN, SANDY LOAM W/ TRACE SILT (TOP SOIL)
 16'-54" MEDIUM BROWN, LOAM W/ SOME SILT
 54'-80" TAN, LOAM W/ SOME SILT
 NO ROOTS, GROUNDWATER @ 86", NO LEDGE
- TEST PIT 105**
 05'-14" DARK BROWN, SANDY LOAM W/ TRACE SILT (TOP SOIL)
 14'-35" MEDIUM BROWN, SANDY LOAM W/ SOME SILT
 35'-88" TAN, SANDY LOAM W/ TRACE SILT
 NO ROOTS, GROUNDWATER @ 65", NO LEDGE, REDOX @ 43"
- TEST PIT 106**
 05'-00" DARK BROWN, SANDY LOAM (TOP SOIL)
 9'-18" MEDIUM BROWN, LOAM W/ TRACE SILT
 18'-82" TAN, LOAMY SAND
 NO ROOTS, NO GROUNDWATER, NO LEDGE, NO REDOX
- TEST PIT 107**
 05'-12" DARK BROWN, SANDY LOAM (TOP SOIL)
 12'-29" MEDIUM BROWN, SANDY LOAM
 29'-36" TAN, LOAMY SAND
 36'-83" MEDIUM BROWN, LOAMY SAND
 NO ROOTS, GROUNDWATER @ 77", NO LEDGE
- TEST PIT 108**
 05'-18" DARK BROWN, SANDY LOAM (TOP SOIL)
 18'-53" MEDIUM BROWN, LOAM W/ SOME SILT
 NO ROOTS, GROUNDWATER @ 35", LEDGE @ 53"
- TEST PIT 109**
 05'-13" DARK BROWN, SANDY LOAM (TOP SOIL)
 13'-34" MEDIUM BROWN, LOAM W/ SOME SILT
 34'-55" SANDY LOAM W/ SOME SILT
 NO ROOTS, GROUNDWATER @ 34", NO LEDGE, REDOX @ 34"

KEY MAP

SCALE: 1" = 300'

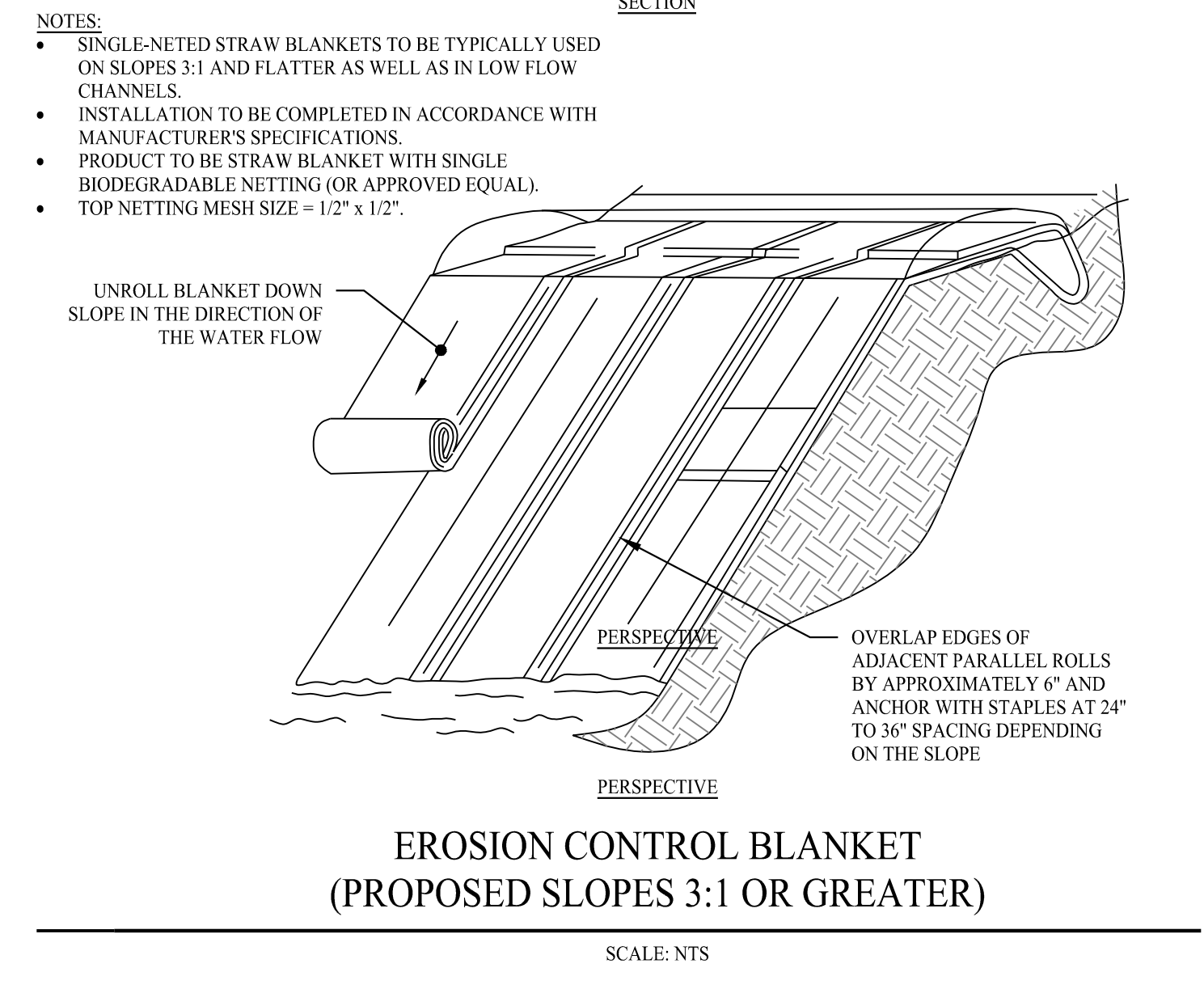
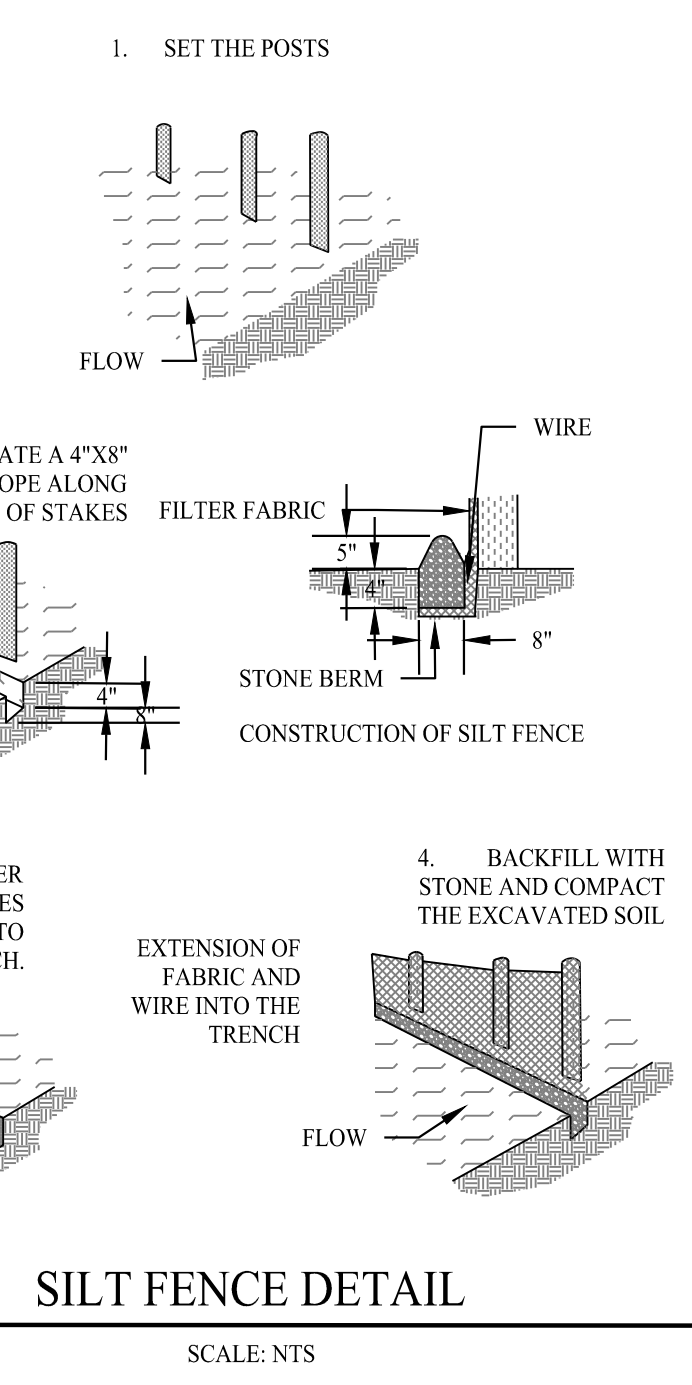
Jul 20, 2023 - 3:46pm Anthony B:\SE Firm\Project Data\2023\22109401 - 958 Route 163 - Montville, CT\Cadd Data\Subdivision\22109401 - PDP.dwg

REBAR WITH
ELEV=468.4'



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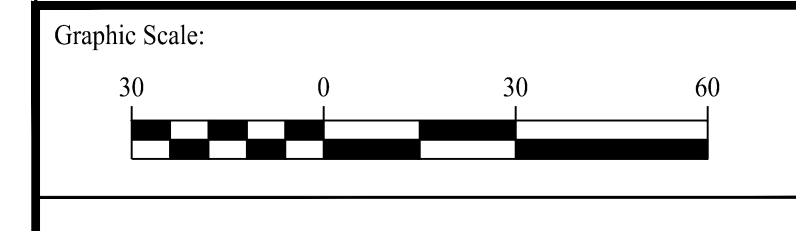
- ### CONSTRUCTION SEQUENCE
- INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT.
 - INSTALL SILT FENCE(S) ON THE SITE (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE).
 - HALE ALL ACTIVITIES AND CONTACT THE ENGINEER OF RECORD TO PERFORM INSPECTION AND CERTIFICATION OF BEST MANAGEMENT PRACTICES (BMPs).
 - BEGIN CLEARING AND GRUBBING THE SITE.
 - INSTALL ADDITIONAL EROSION CONTROLS AS WORK PROGRESSES. TOPSOIL AND SEED SLOPES WHICH HAVE ACHIEVED FINAL SITE GRADING.
 - IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
 - THROUGHOUT CONSTRUCTION, REMOVE SEDIMENT FROM BEHIND SILT FENCES AND OTHER EROSION CONTROL DEVICES AS REQUIRED. REMOVAL SHALL BE ON A PERIODIC BASIS (EVERY SIGNIFICANT RAINFALL OF 0.10 INCH OR GREATER). INSPECTION OF EROSION CONTROL MEASURES SHALL BE ON A WEEKLY BASIS AND AFTER EACH RAINFALL OF 0.50 INCHES OR GREATER. SEDIMENT COLLECTED SHALL BE DEPOSITED AND SPREAD EVENLY UPLAND ON SLOPES DURING CONSTRUCTION.
 - CONDUCT FINE GRADING.
 - FERTILIZE SEED AND MULCH SEED MIXTURE TO BE INSTALLED DURING THE SPRING OR FALL SEASON ONLY. USE EROSION CONTROL BLANKETS AS REQUIRED OR ORDERED FOR SLOPES GREATER THAN 3:1 AND AS SHOWN ON LANDSCAPE PLANS OR CONSTRUCTION PLANS. 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).
 - UPON DIRECTION OF THE TOWN OF MONTVILLE AGENT (AFTER THEIR FINAL INSPECTIONS HAVE BEEN PERFORMED AND CERTIFICATES OF COMPLETION HAVE BEEN ISSUED), EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED FOLLOWING STABILIZATION OF THE SITE.



LEGEND

	PROPERTY LINE
	ADJOINING LOT LINE
	BUILDING SETBACK
	EDGE OF PAVEMENT
	SAWCUT PAVEMENT LINE
	LIMIT OF WETLANDS
	LIMIT OF UPLAND REVIEW AREA
	EXISTING TREE LINE
	PROPOSED TREE LINE
	MAJOR CONTOURS
	MINOR CONTOURS
	EXISTING MAJOR CONTOURS
	EXISTING MINOR CONTOURS
	SILT FENCE
	SILT SACK INLET PROTECTION
	EXISTING WELL
	PROPOSED WELL
	75' WELL BUFFER

Rev. #:	Date	Description



SOLLI ENGINEERING

501 Main Street, Monroe, CT 06468 T: (203) 880-5455 F: (203) 880-9695
11 Vanderbilt Ave., Norwood, MA 02062 T: (781) 352-8491 F: (203) 880-9695

Drawn By:	ARW
Checked By:	XXX
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Scale:	1" = 30'

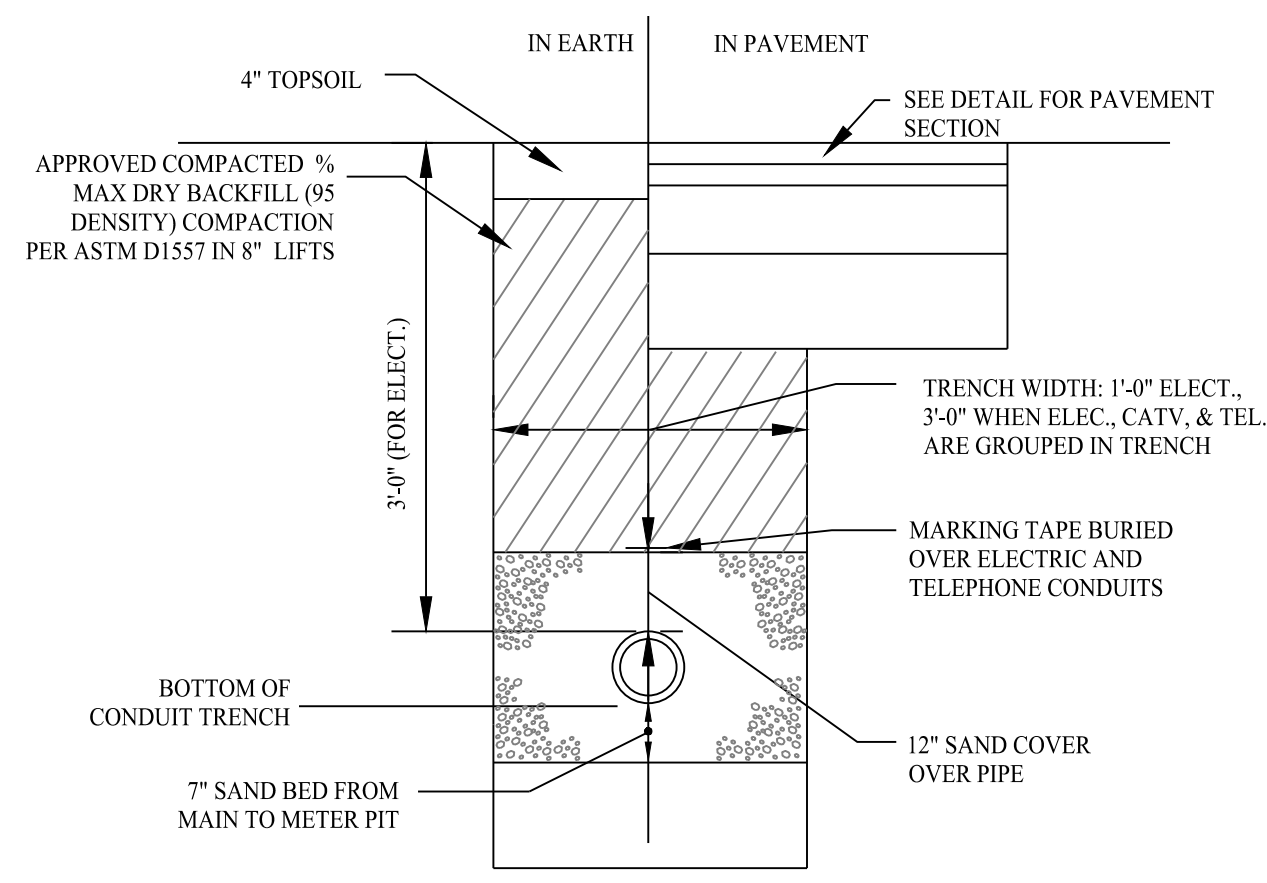


Project:

PROPOSED 2-LOT SUBDIVISION OF 958 ROUTE 163 MONTVILLE, CONNECTICUT

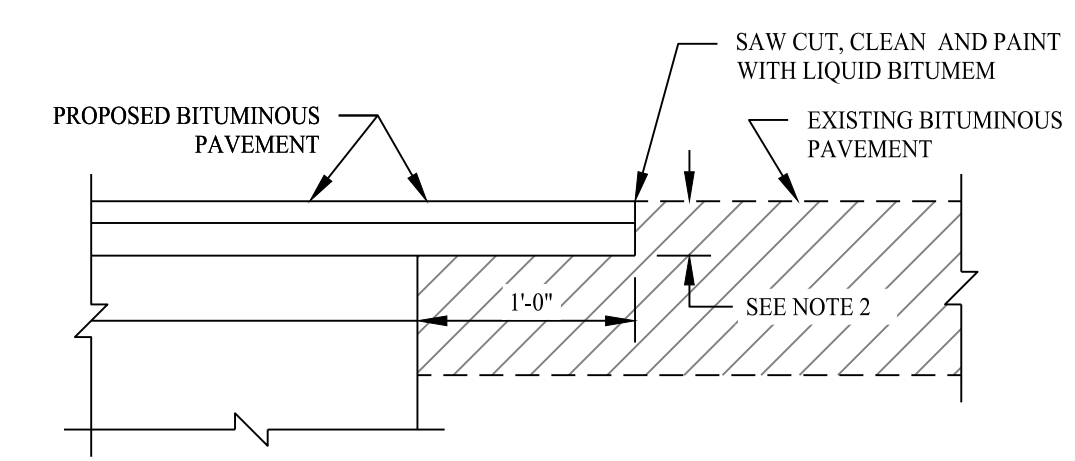
Sheet Title: **SOIL EROSION & SEDIMENT CONTROL PLAN** Sheet #: **2.31**

Jul 20, 2023 - 3:10pm Anthony B:\SE Firm\Project Data\2023\22109401 - 958 Route 163 - Montville, CT\Cadd Data\Subdivision\22109401-2.31.dwg



TYPICAL ELECTRICAL/TELEPHONE/CABLE AND GAS TRENCH

SCALE: NTS



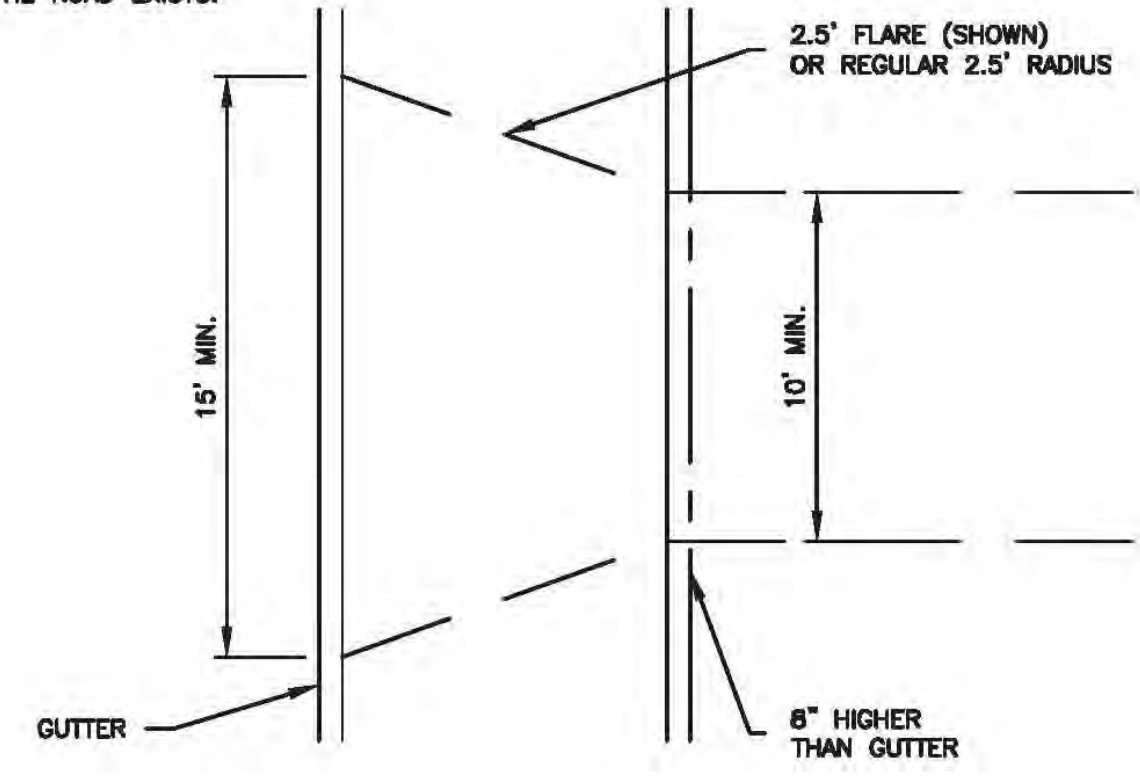
NOTES
 1. OVERLAP BOTH PROPOSED BITUMINOUS CONCRETE COURSES (CLASS 1 AND CLASS 2) OVER EXISTING SUBBASE.
 2. MINIMUM THICKNESS TO BE SAME AS PROPOSED BITUMINOUS OR MATCH THICKNESS OF EXISTING PAVEMENT, WHICH EVER IS GREATER.

PAVEMENT MATCH TREATMENT (SAWCUT) DETAIL

SCALE: NTS

NOTE:

BELOW DETAILS SHALL BE USED WHERE A STORM DRAINAGE SYSTEM IN THE ROAD EXISTS.



SAG CURVE IN DRIVE

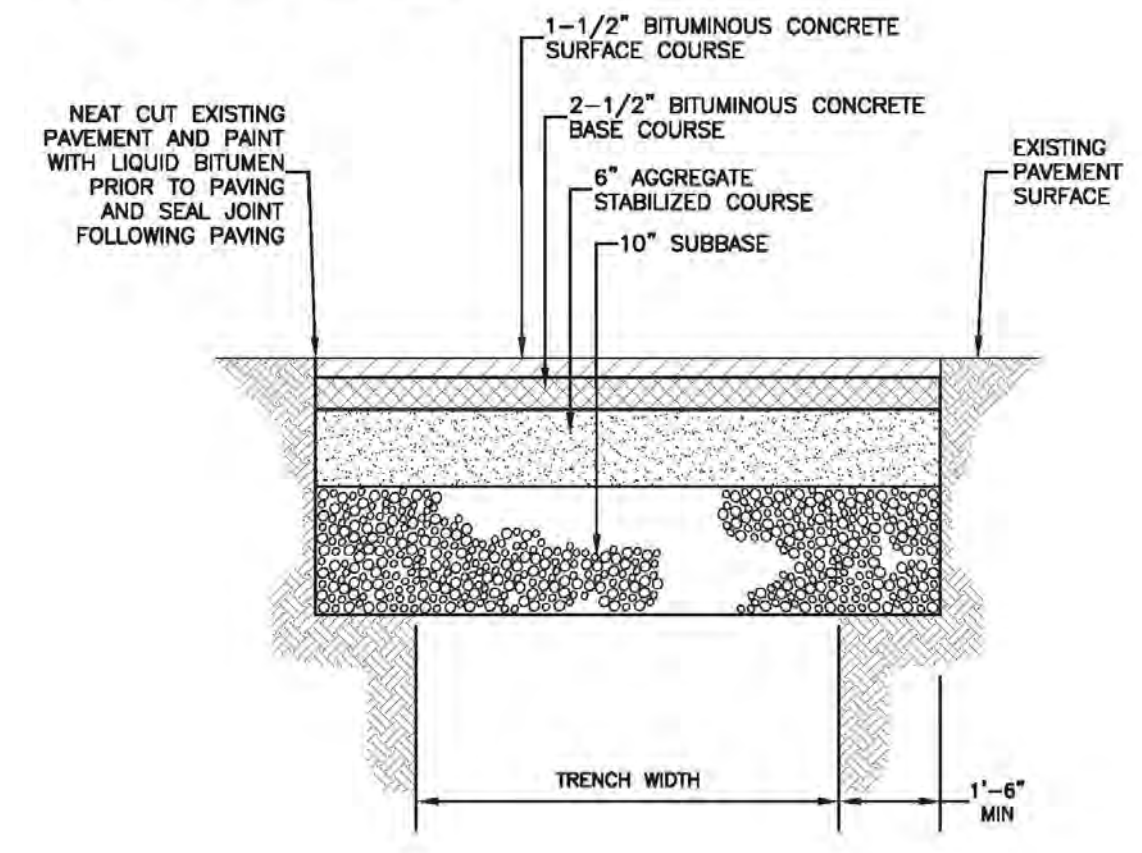
CREST CURVE IN DRIVE

RESIDENTIAL DRIVEWAY CURBING

SCALE: NTS

DETAIL PROVIDED BY TOWN OF MONTVILLE

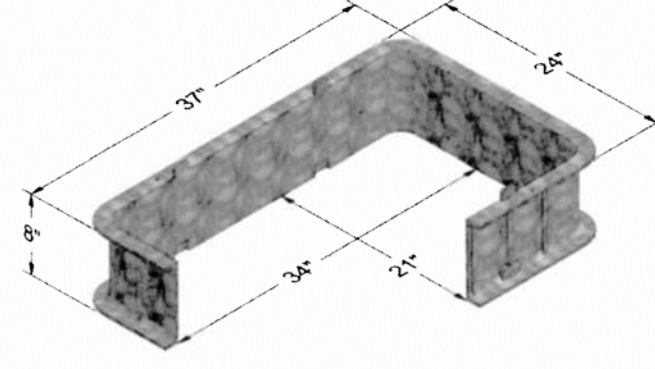
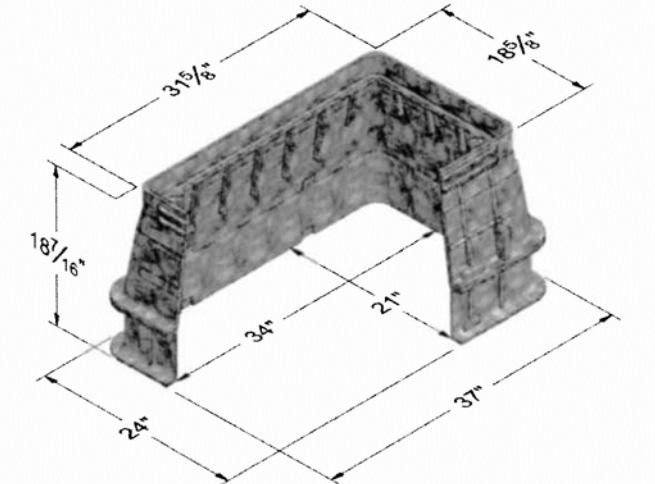
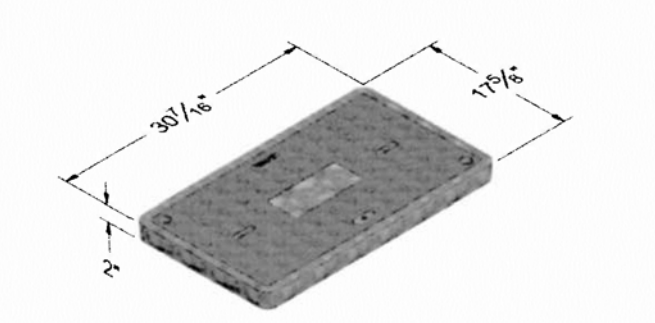
NOTE:
 THE CONTRACTOR SHALL MAINTAIN A MINIMUM 15' WIDE TRAVEL WAY AT ROAD CROSSINGS AT ALL TIMES DURING CONSTRUCTION.



PERMANENT PAVEMENT REPAIR

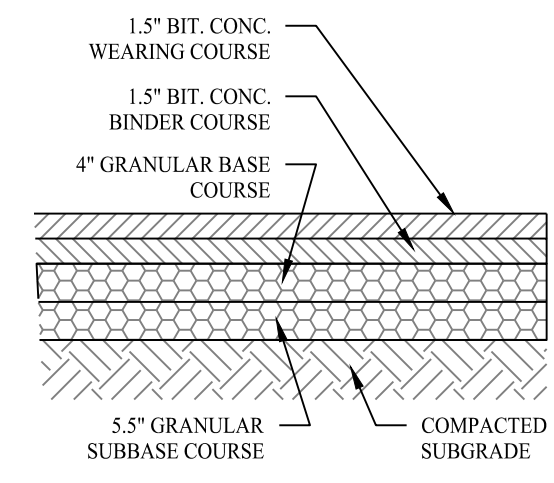
SCALE: NTS

DETAIL PROVIDED BY TOWN OF MONTVILLE



TYPICAL HANDHOLE

SCALE: NTS



STANDARD DUTY ASPHALT PAVING

PAVING DETAIL

SCALE: NTS

Rev. #:	Date	Description

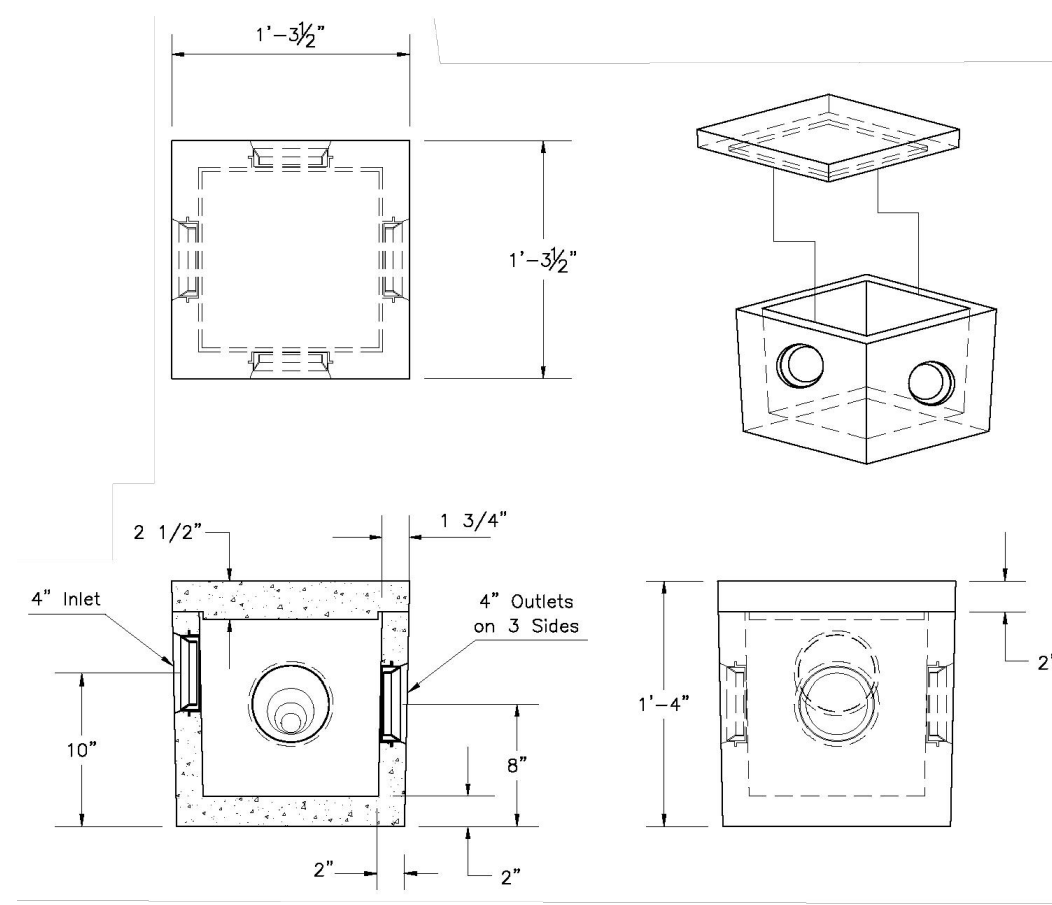
SOLLI ENGINEERING
 501 Main Street, Monro, CT 06468 T: (203) 880-5455 F: (203) 880-9695
 11 Vanderbilt Ave, Norwood, MA 02062 T: (781) 352-8491 F: (203) 880-9695

Drawn By:	CJS
Checked By:	CJB
Approved By:	KMS
Project #:	22109401
Plan Date:	07/17/23
Scale:	NTS



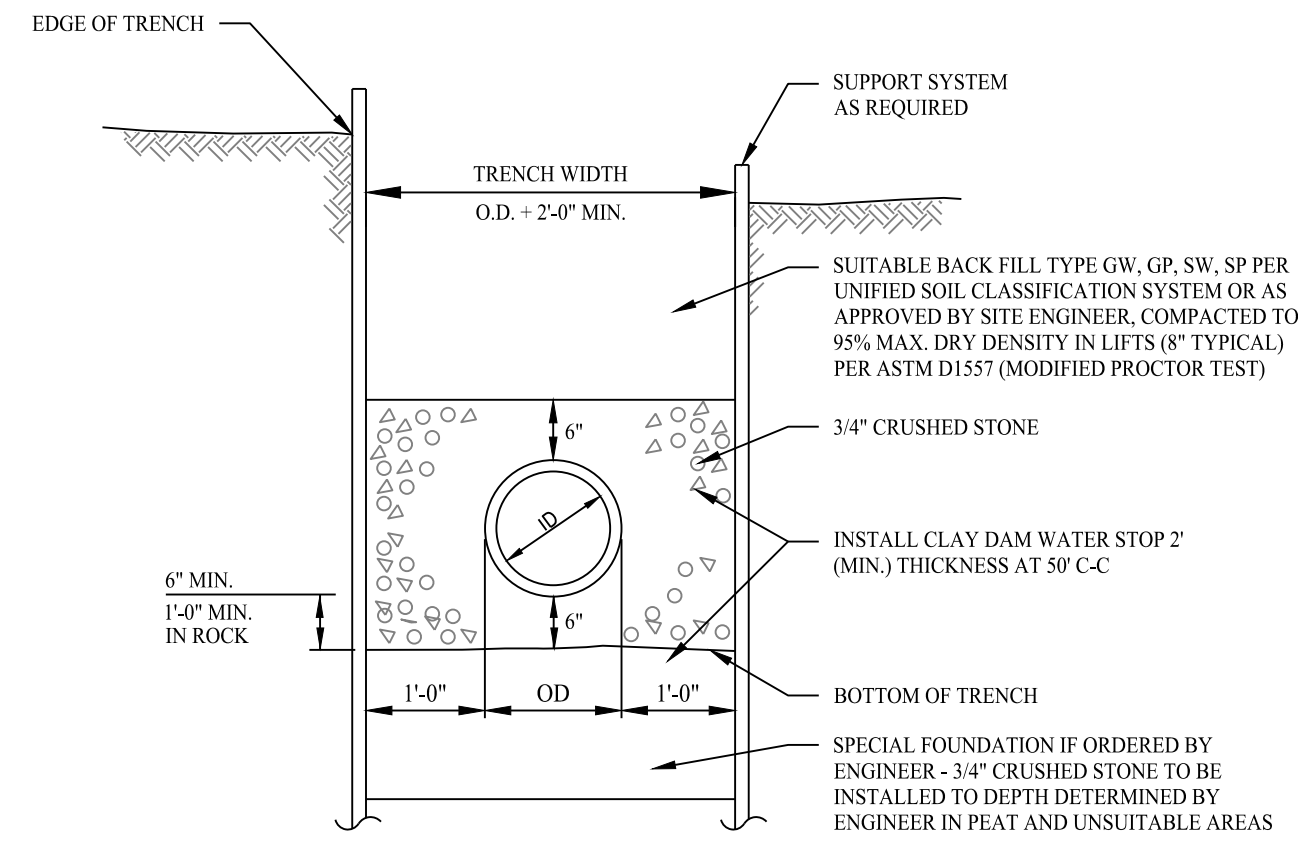
PROPOSED 2-LOT SUBDIVISION OF 958 ROUTE 163 MONTVILLE, CONNECTICUT

Sheet Title:	Sheet #:
CONSTRUCTION DETAIL	3.01



DISTRIBUTION BOX

SCALE: NTS



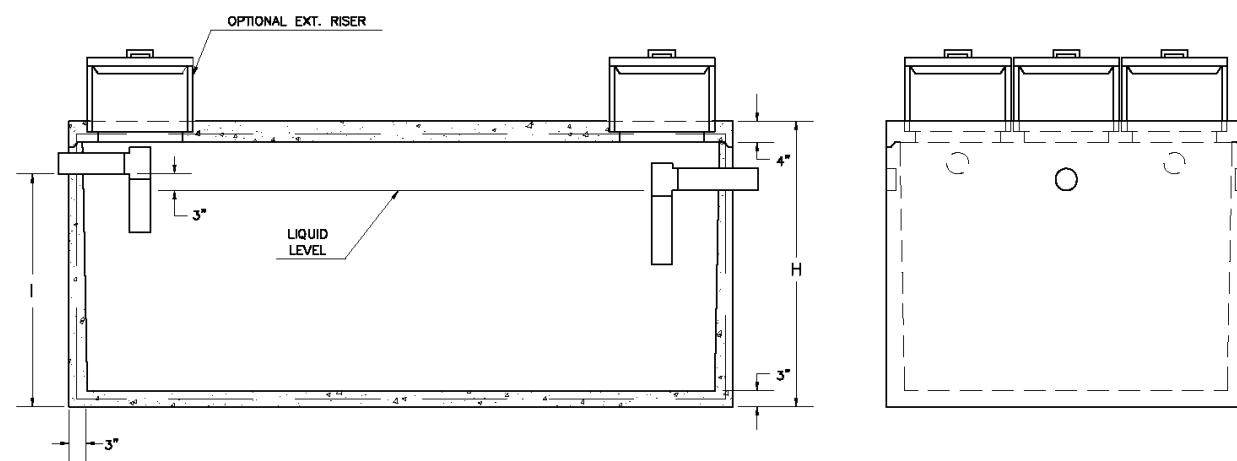
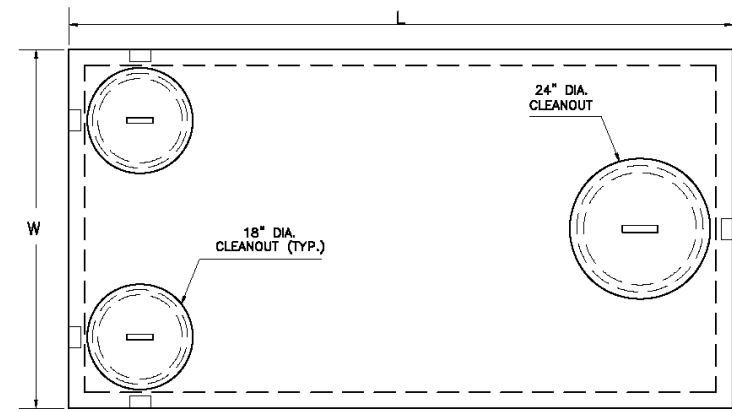
TYPICAL SANITARY SEWER TRENCH SECTION

SCALE: NTS

**PRECAST CONCRETE
1250 Gallon Capacity
Residential**

MODEL NO.	LIQUID CAPACITY	LENGTH	WIDTH	INVERT	HEIGHT	WEIGHT (LBS.)
P1250RES	1250	10'-6"	5'-6"	3'-0"	4'-8"	8650

- NOTES:
- Concrete - 4,000 PSI @ 28 DAYS.
 - Meets or exceeds state and local requirements.
 - All shipping joints sealed with Butyl Rubber.
 - Non-toxic loading use only.
 - Single compartment chamber. Monolithic Design.
 - Side inlet pipes shall extend to cleanout cover thru rest in pipe support.
 - Maximum fill over top of tank - 3 feet.
 - Chamber shall be supplied with tees.
 - Chamber shall be marked with manufacturer name, phone no., tank capacity, date of manufacture, and ASTM C1227 conformance.



*Nominal Dimension. Slight variation in dimension may occur due to tolerances for manufacturing purposes.

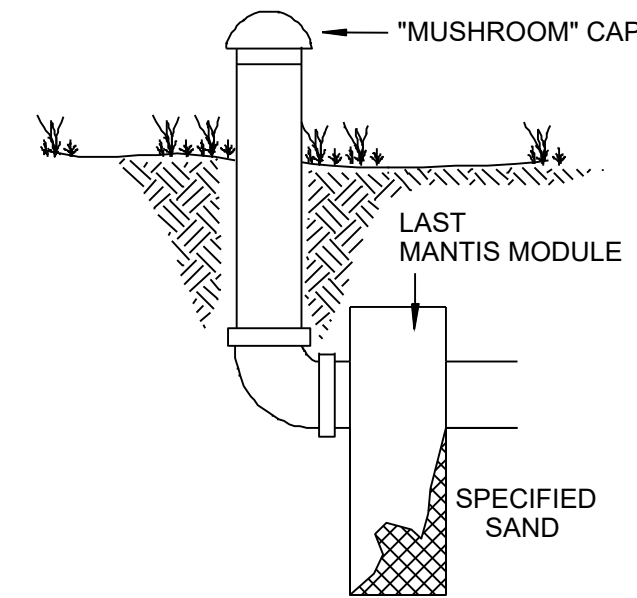
PRECAST CONCRETE 1,250 GALLON SEPTIC TANK

SCALE: NTS

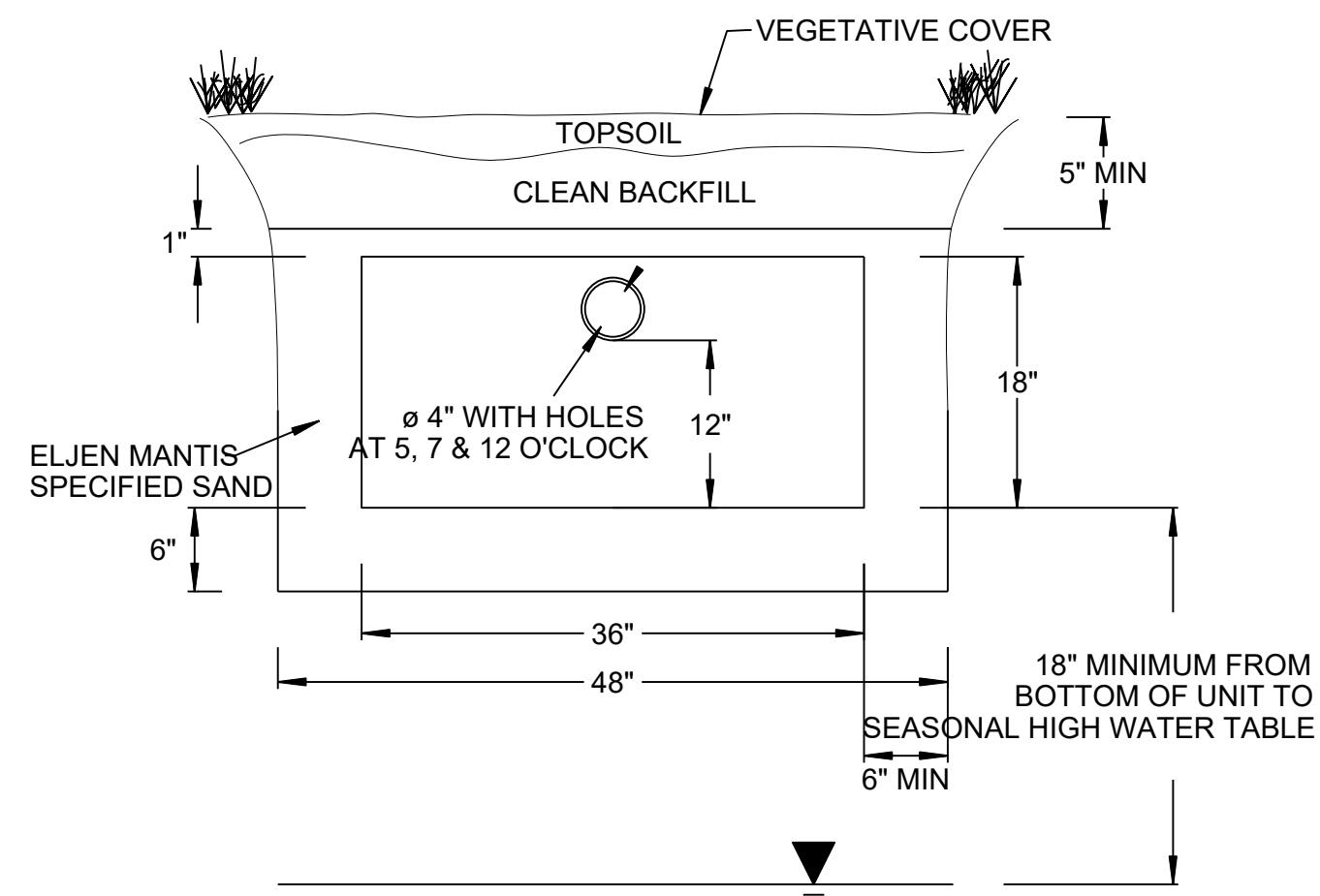
DETAIL PROVIDED BY CT PRECAST CORPORATION

SYSTEM VENTING INFORMATION

NOTE: VENTING REQUIRED WHEN MORE THAN 18" OF COVER AS MEASURED FROM THE TOP OF THE UNIT TO FINISHED GRADE



SCALE: NTS



NOTE: VENTING REQUIRED WHEN MORE THAN 18" OF COVER AS MEASURED FROM THE TOP OF THE UNIT TO FINISHED GRADE

MANTIS 536-8 LEACHING SYSTEM CROSS SECTION W/ VENTING DETAIL

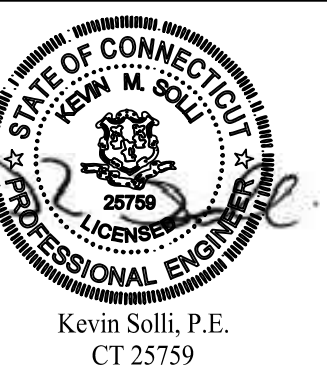
DETAIL PROVIDED BY ELJEN CORPORATION

Rev. #:	Date	Description



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11 Vanderbilt Ave, Norwood, MA 02062 T: (781) 352-8491 F: (203) 880-9695

Drawn By: CJS
Checked By: CJB
Approved By: KMS
Project #: 22109401
Plan Date: 07/17/23
Scale: NTS



Project:
**PROPOSED 2-LOT
SUBDIVISION OF
958 ROUTE 163
MONTVILLE, CONNECTICUT**

Sheet Title: **DETAIL SHEET** Sheet #: **3.02**