

- 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


Rev. #:	Date	Description
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**SOLLI ENGINEERING**

501 Main Street, Montrose, 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:	1" = 150'

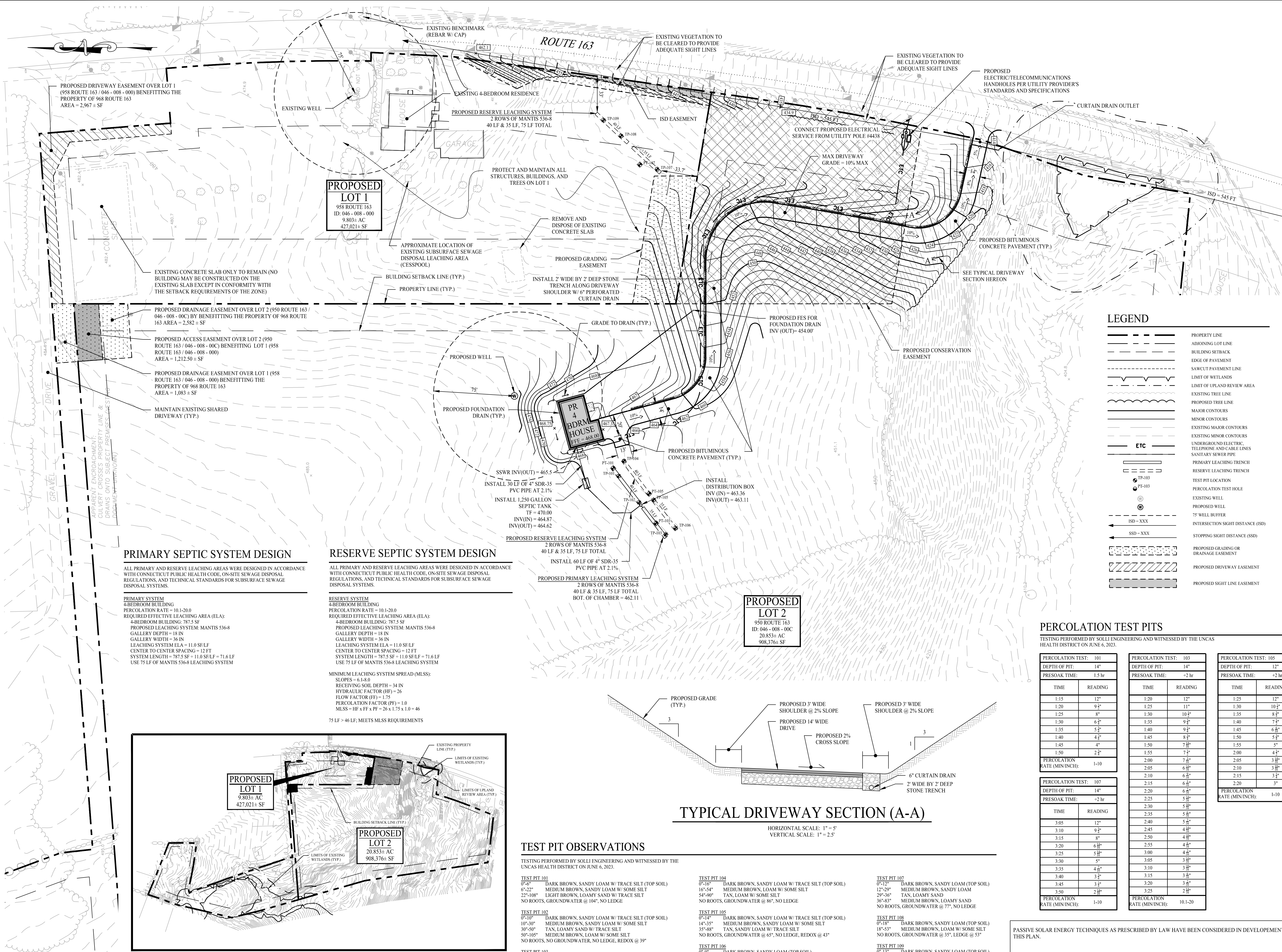


Project:

**PROPOSED 1-LOT  
RESUBDIVISION OF  
958 ROUTE 163  
(PARCEL ID : 046-008-000)  
OAKDALE, CONNECTICUT  
JULY 17, 2023**

Sheet Title:	Sheet #:
<b>100' RADIUS MAP</b>	<b>1.40</b>





### 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.

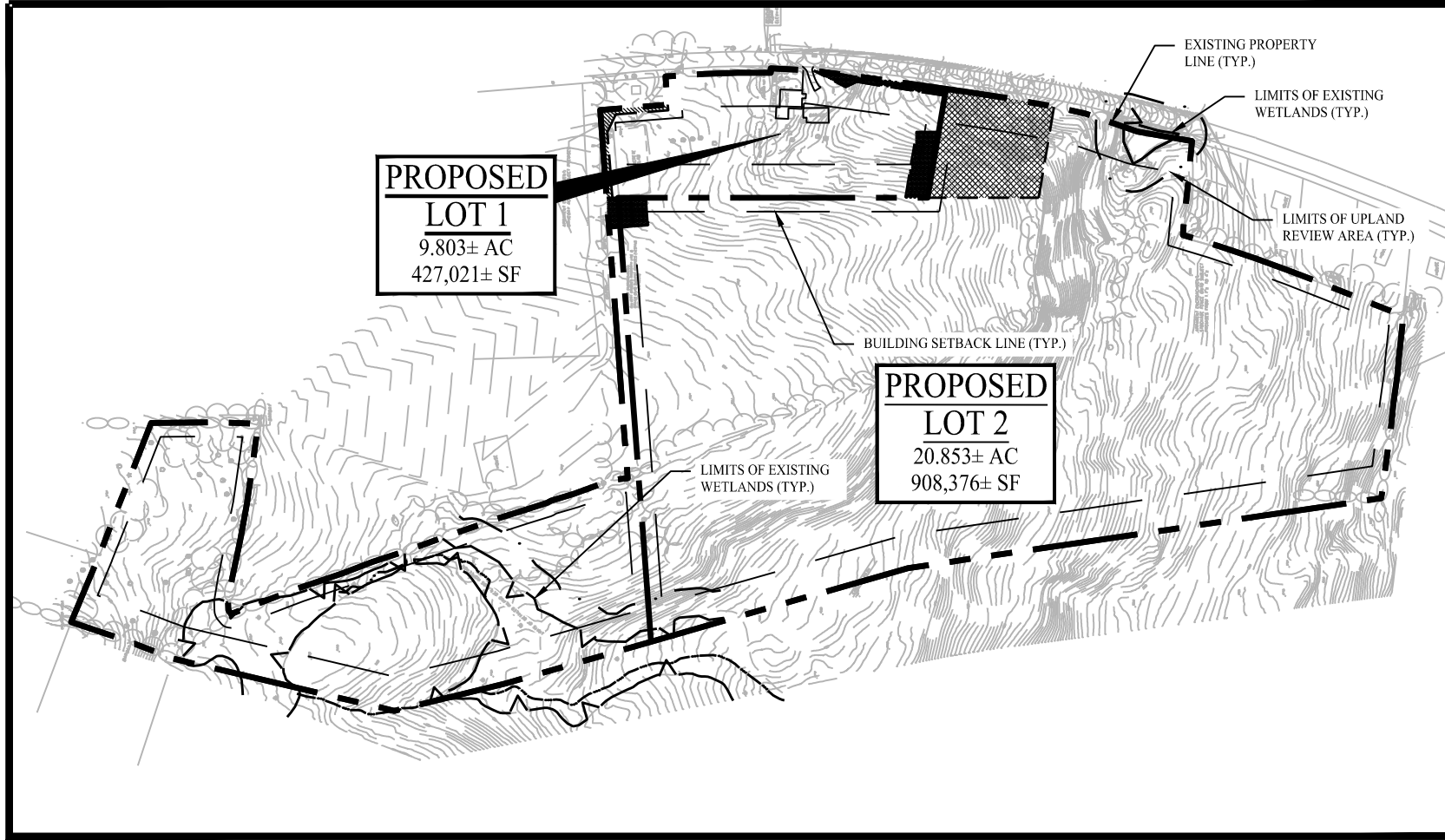
**PRIMARY SYSTEM**  
4-BEDROOM BUILDING  
PERCOLATION RATE = 10.1-20.0  
REQUIRED EFFECTIVE LEACHING AREA (ELA):  
4-BEDROOM BUILDING: 787.5 SF  
PROPOSED LEACHING SYSTEM: MANTIS 536-8  
GALLERY DEPTH = 18 IN  
GALLERY WIDTH = 36 IN  
LEACHING SYSTEM ELA = 11.0 SF/FT  
CENTER TO CENTER SPACING = 12 FT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

**MINIMUM LEACHING SYSTEM SPREAD (MLSS):**  
SLOPES = 6.1-8.0  
RECEIVING SOIL DEPTH = 34 IN  
HYDRAULIC FACTOR (HF) = 26  
FLOW FACTOR (FF) = 1.75  
PERCOLATION FACTOR (PF) = 1.0  
MLSS = HF x FF x PF = 26 x 1.75 x 1.0 = 46  
75 LF > 46 LF; MEETS MLSS REQUIREMENTS



### KEY MAP

SCALE: 1" = 300'

### TYPICAL DRIVEWAY SECTION (A-A)

HORIZONTAL SCALE: 1" = 5'  
VERTICAL SCALE: 1" = 2.5'

### TEST PIT OBSERVATIONS

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

**TEST PIT 101**  
0'-0" - DARK BROWN, SANDY LOAM W/ TRACE SILT (TOP SOIL)  
6"-22" - MEDIUM BROWN, SANDY LOAM W/ SOME SILT  
22"-108" - LIGHT BROWN, LOAMY SAND W/ TRACE SILT  
NO ROOTS, GROUNDWATER @ 104", NO LEDGE

**TEST PIT 102**  
0'-0" - 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**  
0'-0" - DARK BROWN, SANDY LOAM W/ TRACE SILT (TOP SOIL)  
13"-54" - MEDIUM BROWN, LOAM W/ SOME SILT  
54"-80" - BROWN, LOAM W/ TRACE SILT  
NO ROOTS, NO GROUNDWATER, NO LEDGE, NO REDOX

**TEST PIT 104**  
0'-0" - DARK BROWN, SANDY LOAM W/ TRACE SILT (TOP SOIL)  
16"-54" - MEDIUM BROWN, LOAM W/ SOME SILT  
54"-90" - TAN, LOAM W/ SOME SILT  
90"-83" - MEDIUM BROWN, LOAMY SAND  
NO ROOTS, GROUNDWATER @ 86", NO LEDGE

**TEST PIT 105**  
0'-0" - 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**  
0'-0" - 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**  
0'-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**  
0'-18" - DARK BROWN, SANDY LOAM (TOP SOIL)  
18"-53" - MEDIUM BROWN, LOAM W/ TRACE SILT  
53"-65" - MEDIUM BROWN, LOAM W/ TRACE SILT  
NO ROOTS, GROUNDWATER @ 35", LEDGE @ 33"

**TEST PIT 109**  
0'-13" - DARK BROWN, SANDY LOAM (TOP SOIL)  
13"-54" - MEDIUM BROWN, LOAM W/ SOME SILT  
54"-75" - SANDY LOAM W/ SOME SILT  
NO ROOTS, GROUNDWATER @ 34", NO LEDGE, REDOX @ 34"

### PERCOLATION TEST PITS

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

PERCOLATION TEST: 101	
DEPTH OF PIT: 14"	
PRESOAK TIME: 1.5 hr	
TIME	READING
1:15	12"
1:20	9 1/4"
1:25	8"
1:30	6 1/4"
1:35	5 1/2"
1:40	4 1/2"
1:45	4"
1:50	2 1/4"
PERCOLATION RATE (MIN/INCH): 1-10	

PERCOLATION TEST: 107	
DEPTH OF PIT: 14"	
PRESOAK TIME: ~2 hr	
TIME	READING
3:05	12"
3:10	9 1/4"
3:15	8"
3:20	6 1/4"
3:25	5 1/4"
3:30	5"
3:35	4 1/4"
3:40	3 1/2"
3:45	3 1/4"
3:50	2 1/4"
PERCOLATION RATE (MIN/INCH): 1-10	

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

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

### GENERAL NOTES

- THESE PLANS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT FOR CONSTRUCTION. NO CONSTRUCTION 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 958 OAKDALE ROAD (CONNECTICUT ROUTE 163), MONTVILLE, CONNECTICUT", SCALE 1"=60', DATED: 03/2023, BY "DGT 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 GOVERNING 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 DOCUMENTS 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 SERVING 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 SAFEST 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 DETERMINING ACTUAL LOCATIONS AND ELEVATIONS 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 "800-922-4455" 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 OR 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 SILTING OF ANY WATERCOURSE OR WATERWAY IN ACCORDANCE WITH THE REGULATIONS OF THE CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- ALL PIPE LENGTHS ARE HORIZONTAL DISTANCES AND ARE APPROXIMATE. GRADING CONTRACTOR SHALL RESTORE TO GRADE AND COMPACTION ALL AREAS DISTURBED BY BUILDING CONSTRUCTION PRIOR TO PAVING OPERATIONS COMMENCING.

Rev. #:	Date	Description
6	12/04/23	Revised Per Town/Butter Comments
5	11/06/23	Revised Per DOT Comments
4	09/25/23	Revised for Encroachment Permit
3	09/21/23	Revised Per Planner Comments
2	08/31/23	Revised Per Planner Comments
1	08/04/23	Revised Per IWC Comments



**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: AWC  
Checked By: CJB  
Approved By: KMS  
Project #: 22109401  
Plan Date: 07/17/23  
Scale: 1" = 40'  
Kevin Solli, P.E.  
CT 25759

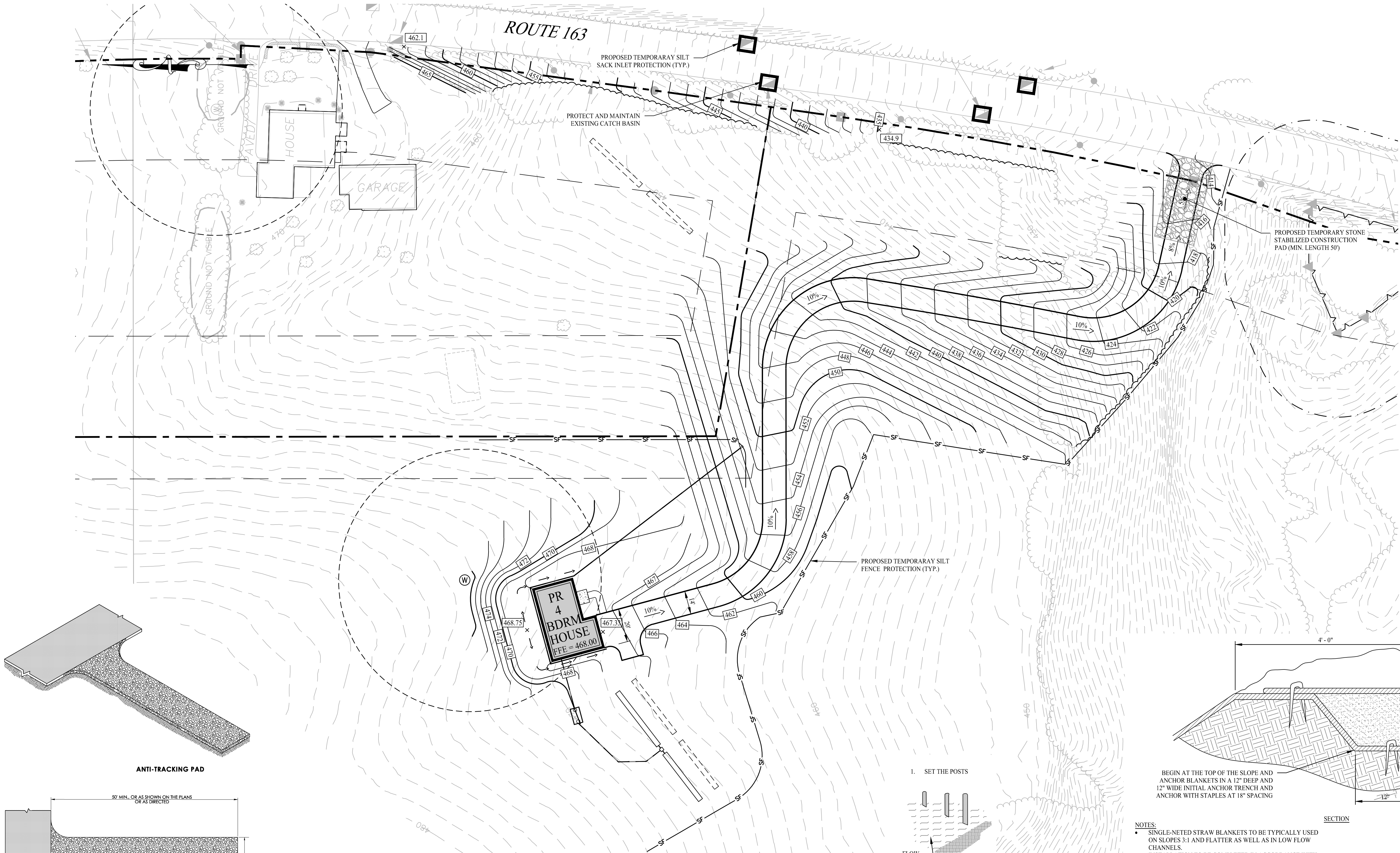
**PROPOSED 1-LOT RESUBDIVISION OF 958 ROUTE 163**  
(PARCEL ID : 046-008-000)  
OAKDALE, CONNECTICUT  
JULY 17, 2023

Sheet Title: POTENTIAL DEVELOPMENT PLAN  
Sheet #: 2.11

PASSIVE SOLAR ENERGY TECHNIQUES AS PRESCRIBED BY LAW HAVE BEEN CONSIDERED IN DEVELOPEMENT WITH THIS PLAN.

APPLICANT SIGNATURE	DATE
ENGINEER OF RECORD SIGNATURE	DATE



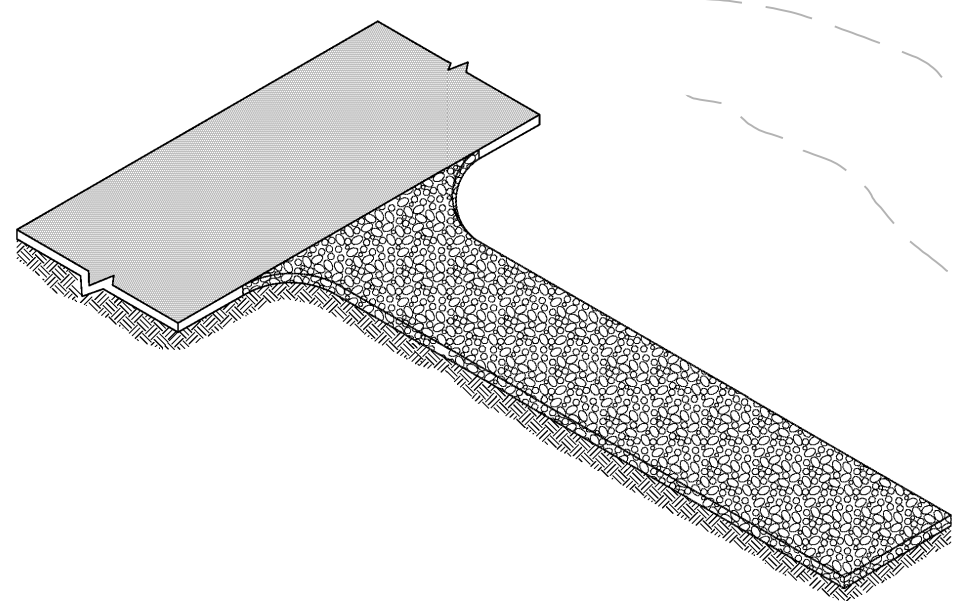


CONSTRUCTION SEQUENCE

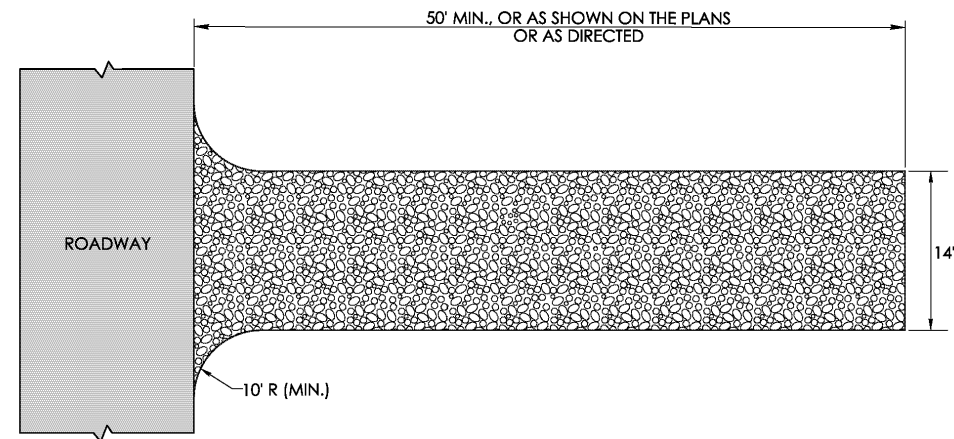
1. INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT.
2. INSTALL SILT FENCE(S) ON THE SITE (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE).
3. HALT ALL ACTIVITIES AND CONTACT THE ENGINEER OF RECORD TO PERFORM INSPECTION AND CERTIFICATION OF BEST MANAGEMENT PRACTICES (BMPs).
4. BEGIN CLEARING AND GRUBBING THE SITE.
5. INSTALL ADDITIONAL EROSION CONTROLS AS WORK PROGRESSES, TOPSOIL AND SEED SLOPES WHICH HAVE ACHIEVED FINAL SITE GRADING.
6. 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.
7. 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.
8. CONDUCT FINE GRADING.
9. 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 EROSION CONTROL 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.).
10. 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

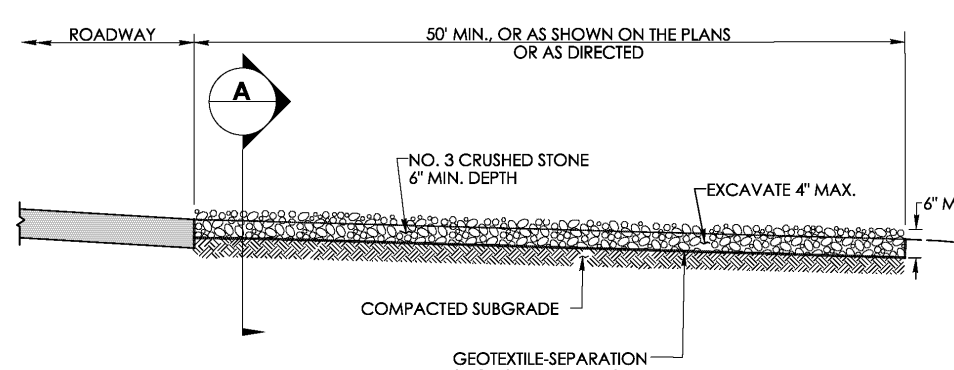
---	PROPERTY LINE
---	ADJOINING LOT LINE
---	BUILDING SETBACK
---	EDGE OF PAVEMENT
---	SAWCUT PAVEMENT LINE
---	LIMIT OF WETLANDS
---	LIMIT OF UPLAND REVIEW AREA
---	EXISTING TREE LINE
---	PROPOSED TREE LINE
---	MAJOR CONTOURS
---	MINOR CONTOURS
---	EXISTING MAJOR CONTOURS
---	EXISTING MINOR CONTOURS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



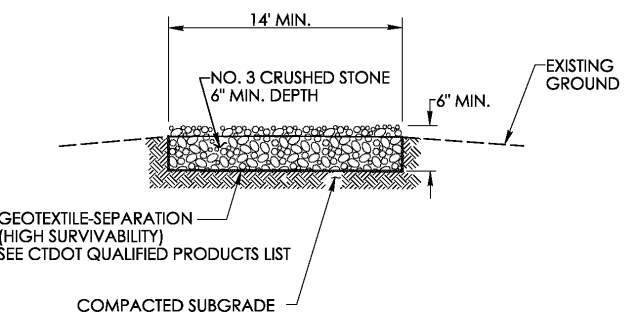
ANTI-TRACKING PAD



PLAN



ELEVATION

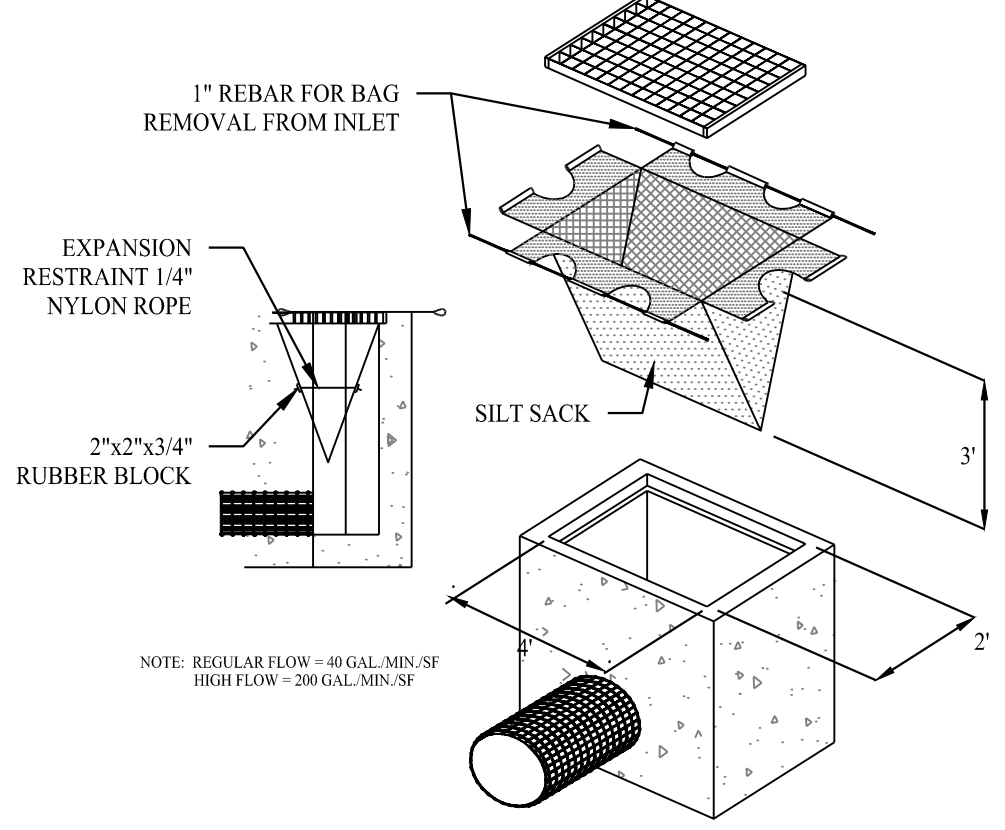


SECTION A

CONSTRUCTION ENTRANCE

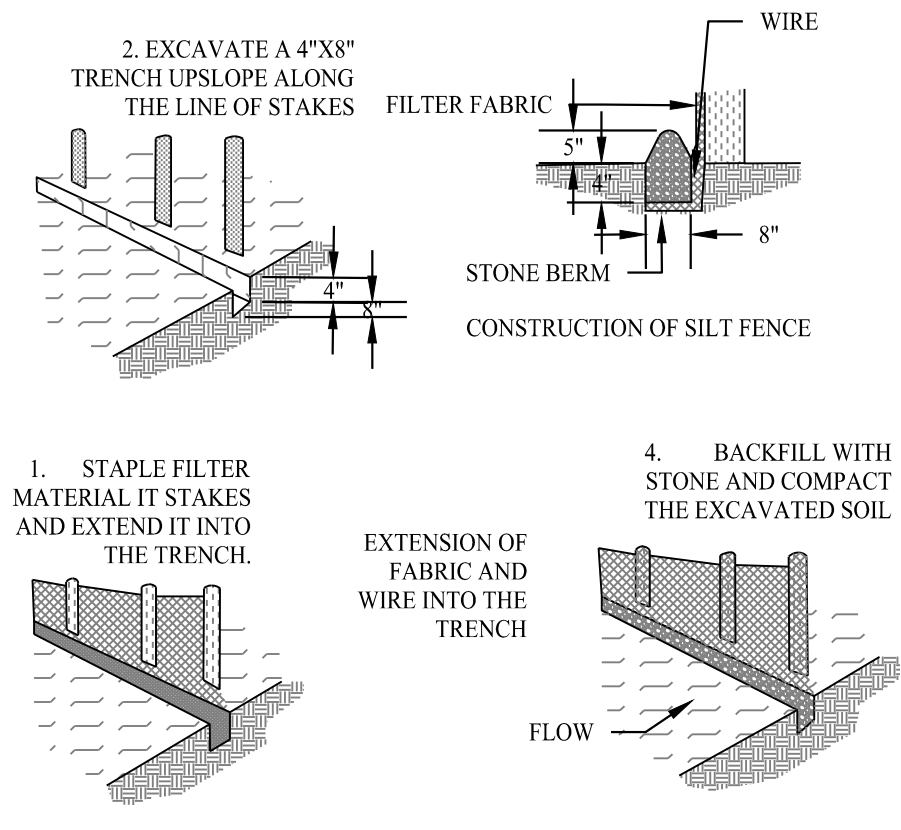
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DETAIL PROVIDED BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION



SILT SACK DETAIL

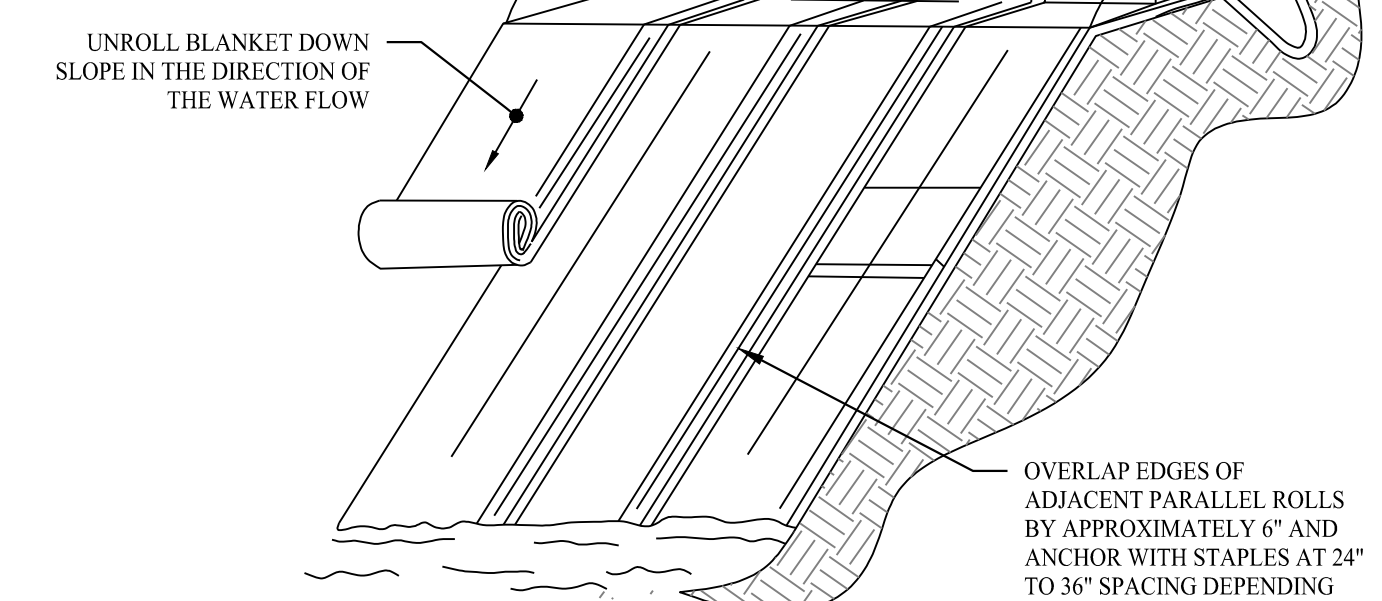
SCALE: NTS



SILT FENCE DETAIL

SCALE: NTS

- NOTES:
- SINGLE-NETTED STRAW BLANKETS TO BE TYPICALLY USED ON SLOPES 3:1 AND FLATTER AS WELL AS IN LOW FLOW CHANNELS.
  - INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
  - PRODUCT TO BE STRAW BLANKET WITH SINGLE BIODEGRADABLE NETTING (OR APPROVED EQUAL).
  - TOP NETTING MESH SIZE = 1/2" x 1/2".



EROSION CONTROL BLANKET  
(PROPOSED SLOPES 3:1 OR GREATER)

SCALE: NTS

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Rev. #:	Date	Description

Graphic Scale:



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



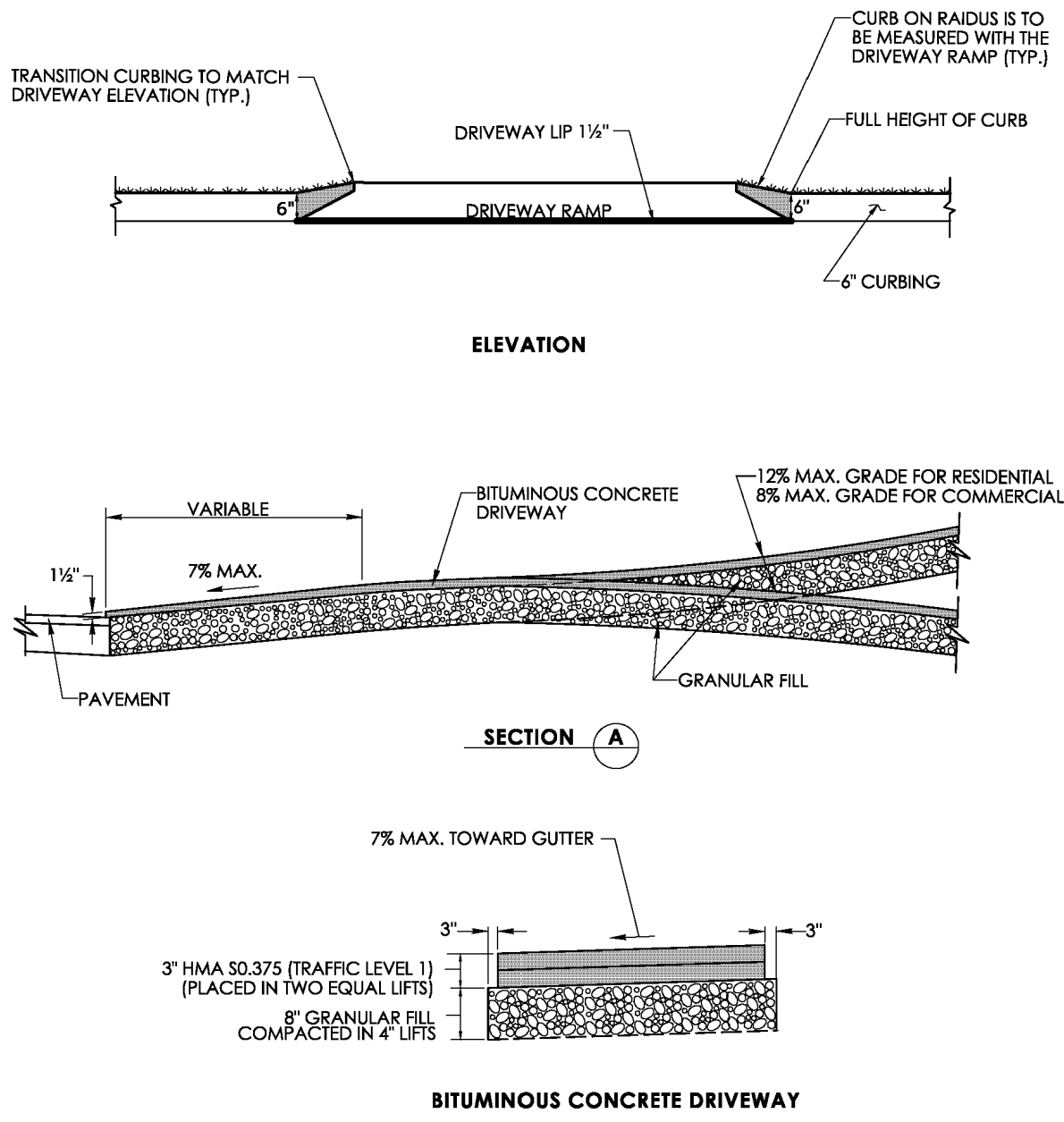
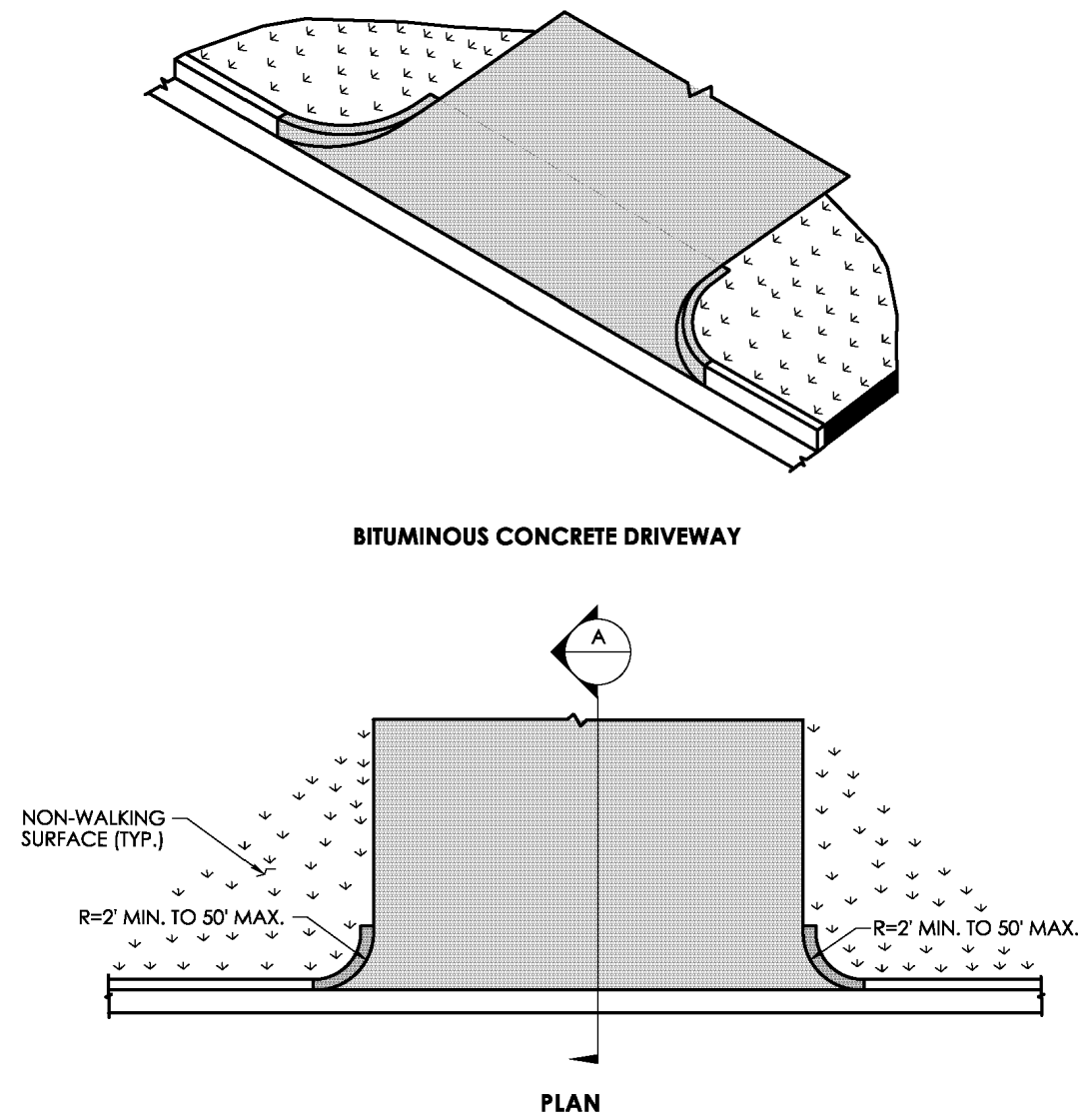
Project:  
**PROPOSED 1-LOT  
RESUBDIVISION OF  
958 ROUTE 163**  
(PARCEL ID : 046-008-000)  
OAKDALE, CONNECTICUT  
JULY 17, 2023

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

Sheet #:

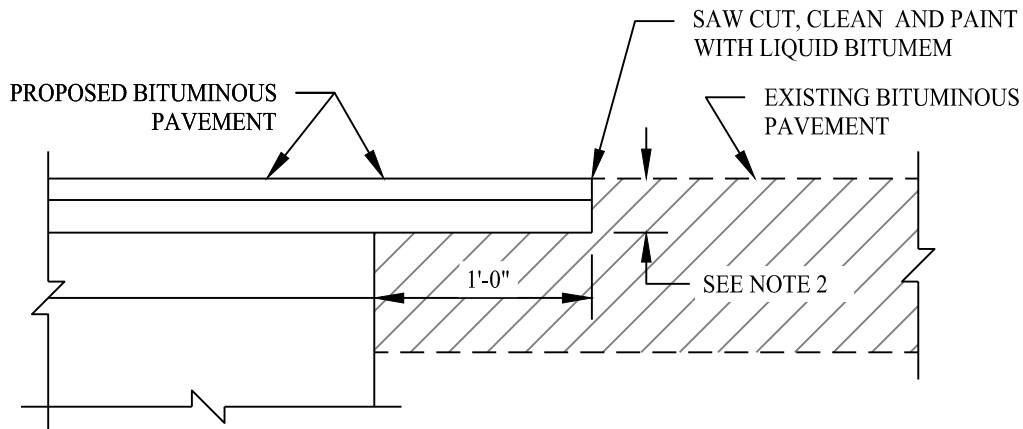
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BITUMINOUS CONCRETE DRIVEWAY

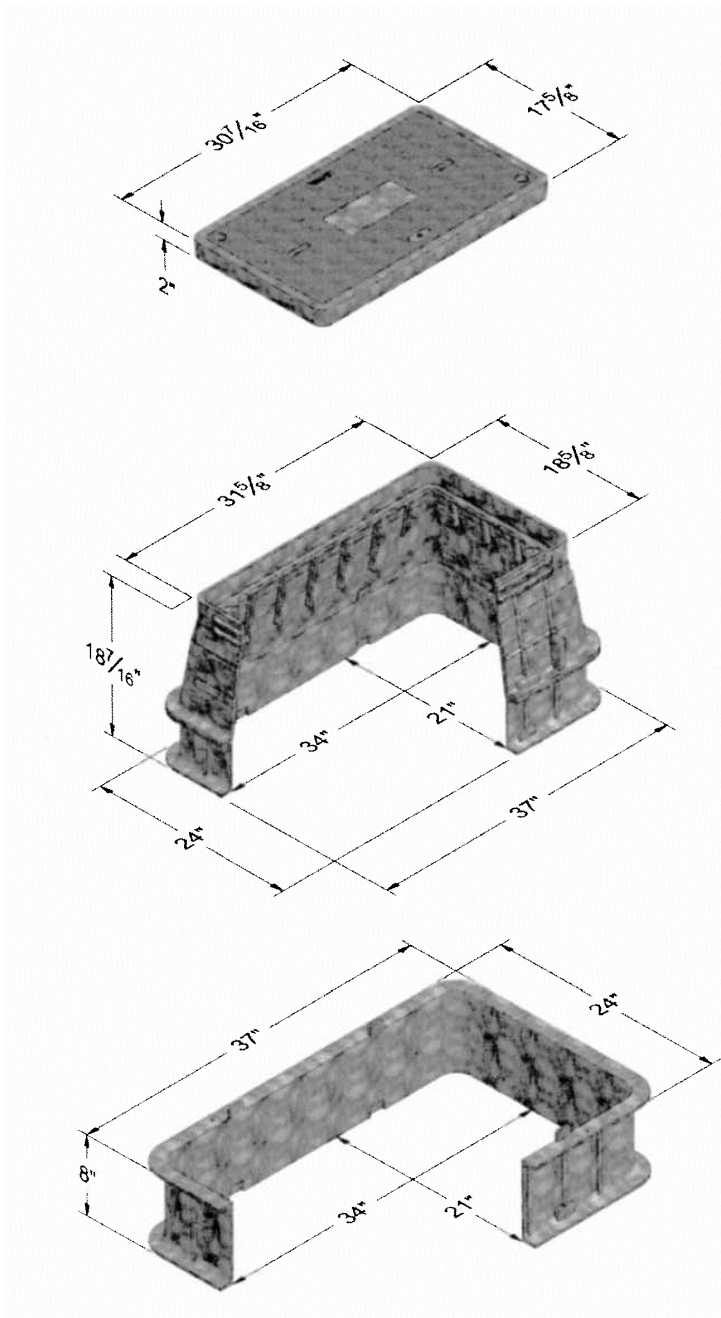
SCALE: NTS DETAIL PROVIDED BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION



- 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

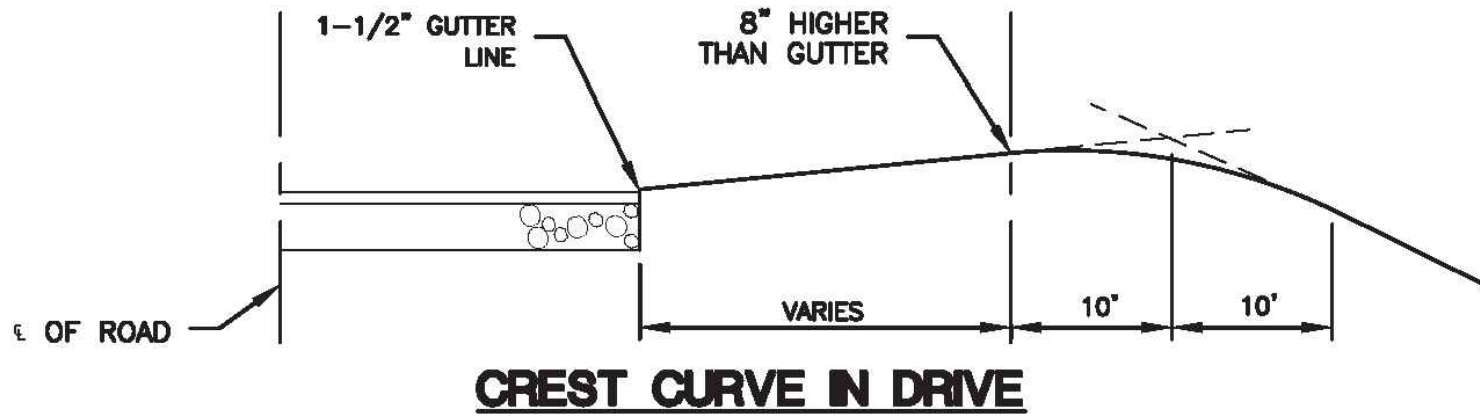
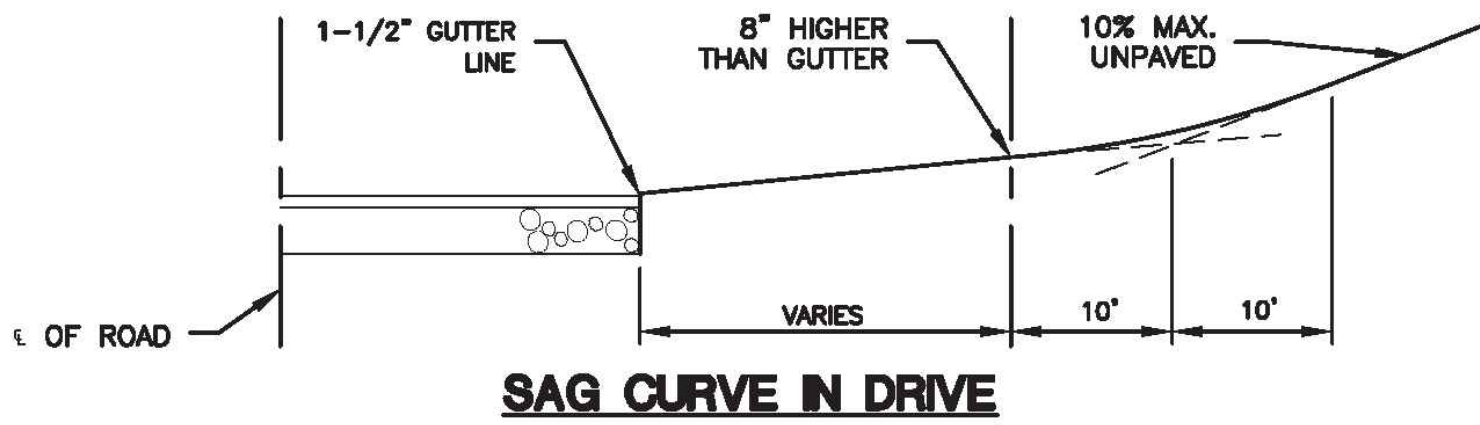
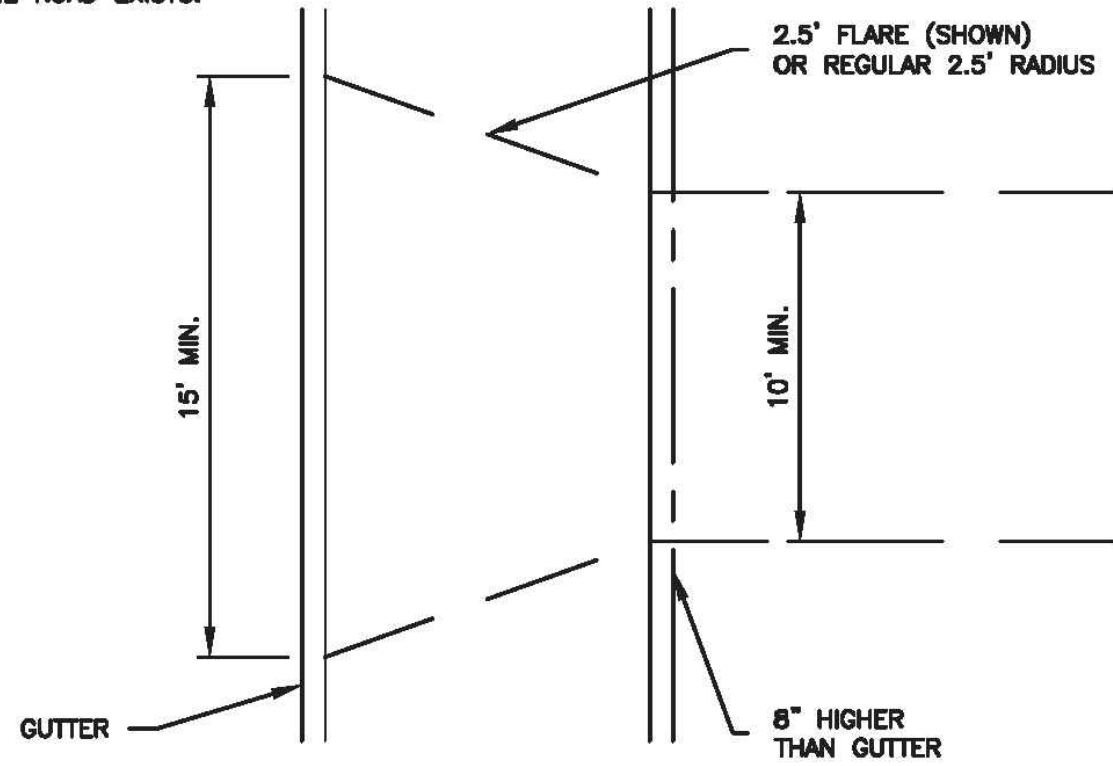


TYPICAL HANDHOLE

SCALE: NTS

NOTE:

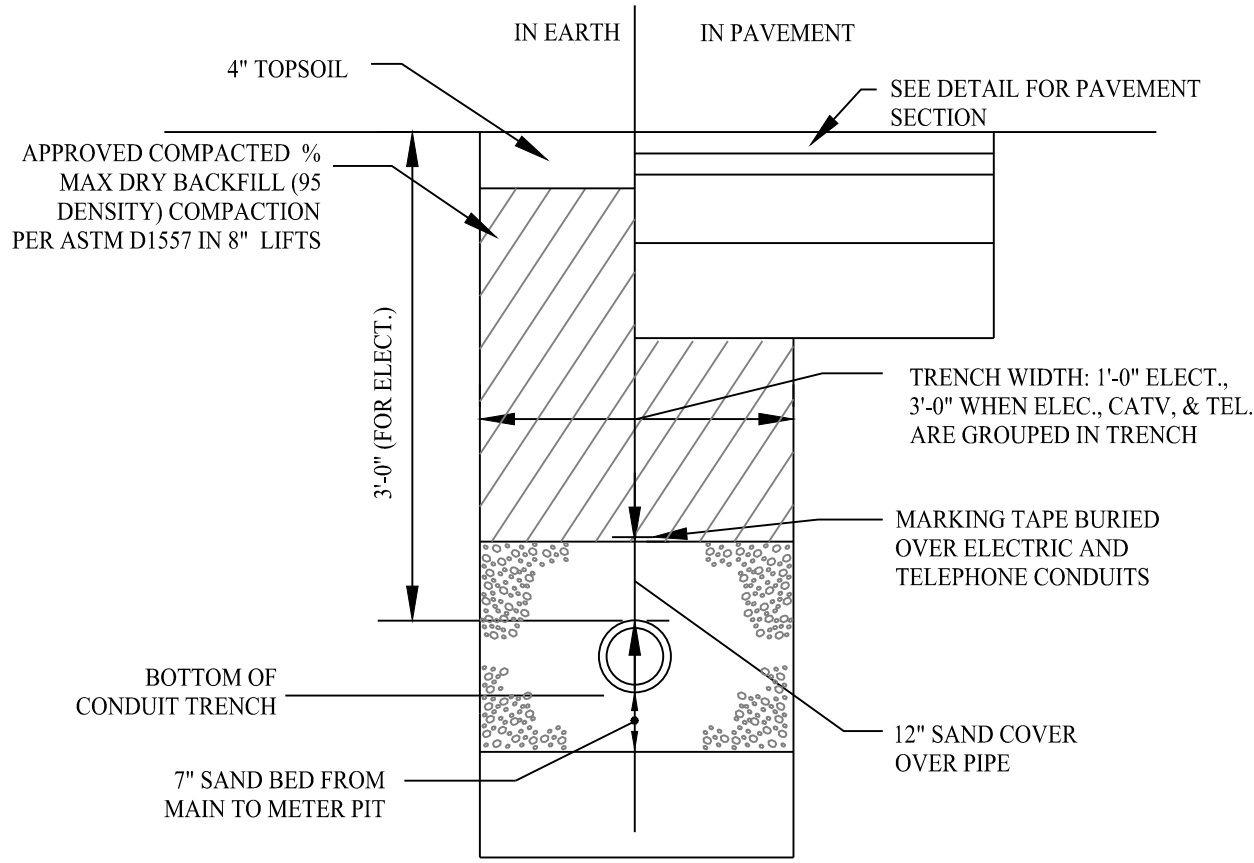
BELOW DETAILS SHALL BE USED WHERE A STORM DRAINAGE SYSTEM IN THE ROAD EXISTS.



RESIDENTIAL DRIVEWAY CURBING

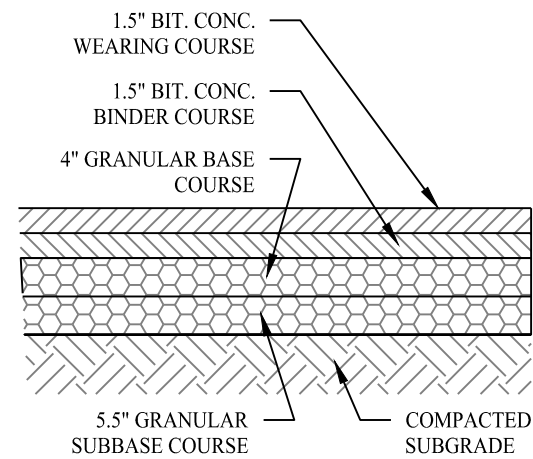
SCALE: NTS

DETAIL PROVIDED BY TOWN OF MONTVILLE



TYPICAL ELECTRICAL/TELEPHONE/CABLE AND GAS TRENCH

SCALE: NTS



STANDARD DUTY ASPHALT PAVING

PAVING DETAIL

SCALE: NTS

1	09/25/23	Revised for Encroachment Permit
Rev. #:	Date	Description

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

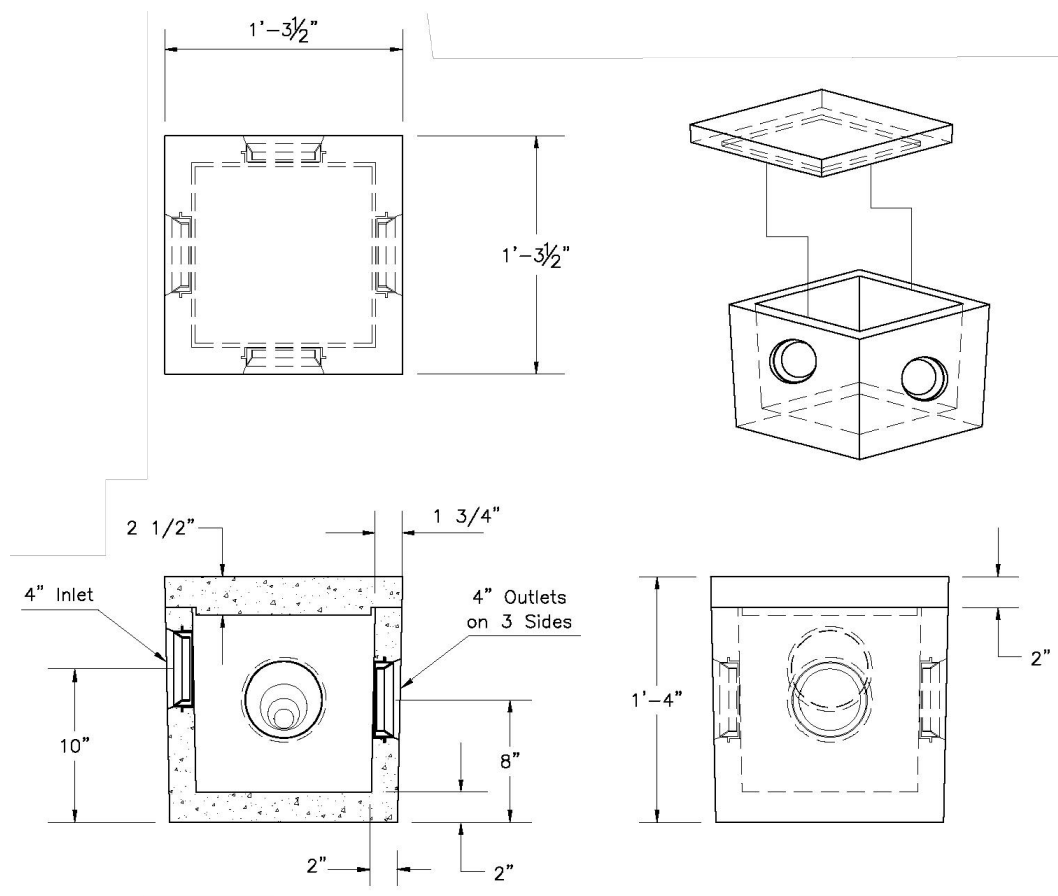
Drawn By:	CJS
Checked By:	CJB
Approved By:	KMS
Project #:	22109401
Plan Date:	07/17/23
Scale:	NTS



Project:  
**PROPOSED 1-LOT RESUBDIVISION OF 958 ROUTE 163**  
(PARCEL ID : 046-008-000)  
OAKDALE, CONNECTICUT  
JULY 17, 2023

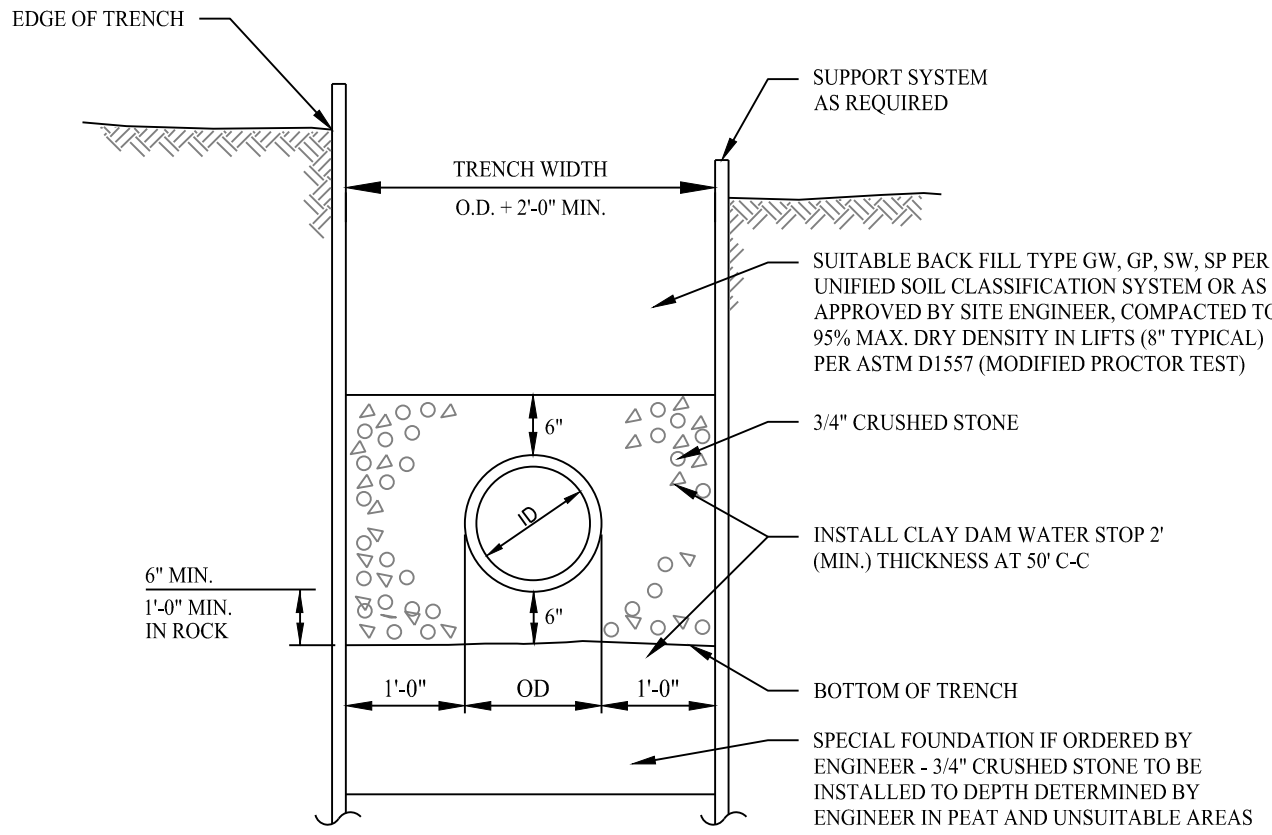
Sheet Title:	Sheet #:
CONSTRUCTION DETAIL	3.01





DISTRIBUTION BOX

SCALE: NTS



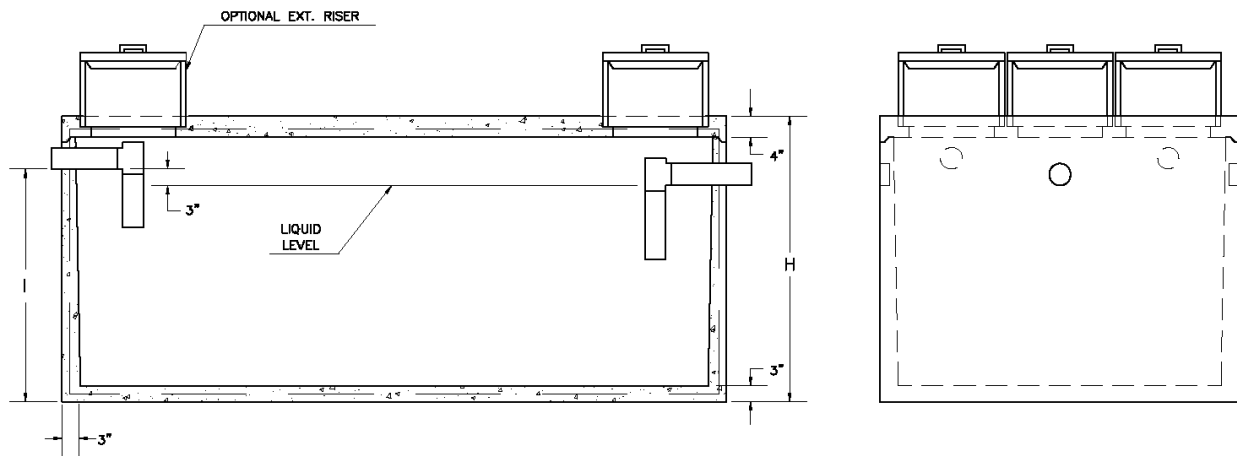
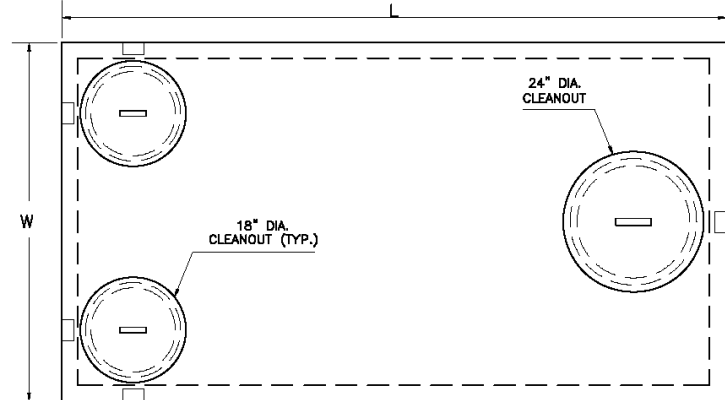
TYPICAL SANITARY SEWER TRENCH SECTION

SCALE: NTS

PRECAST CONCRETE  
1250 Gallon Capacity  
Residential

MODEL NO.	LIQUID CAPACITY	LENGTH L	WIDTH W	INVERT H	HEIGHT H	WEIGHT (LBS.)
P1250RES	1250	10'-0"	5'-0"	3'-0"	4'-8"	9650

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



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

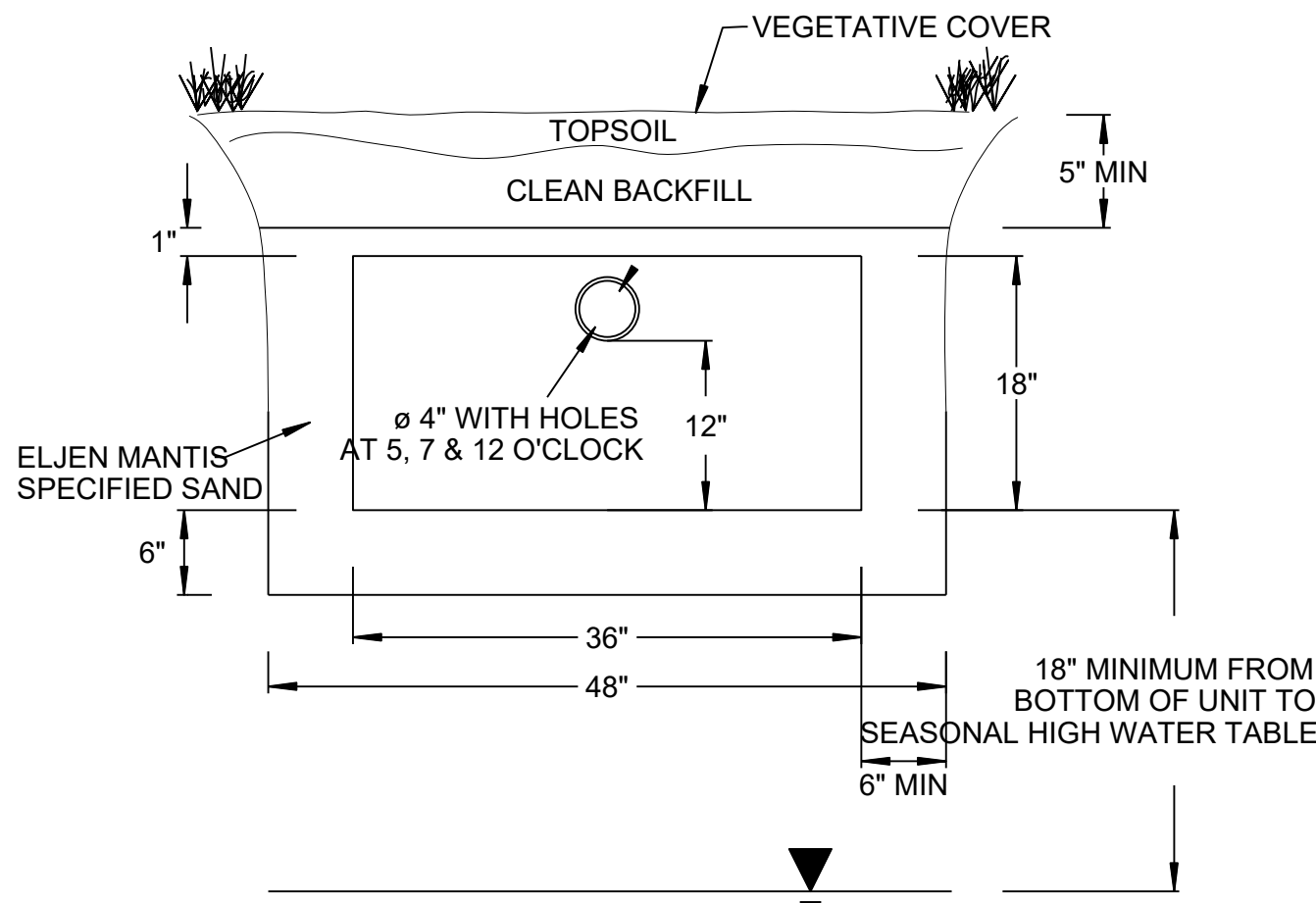
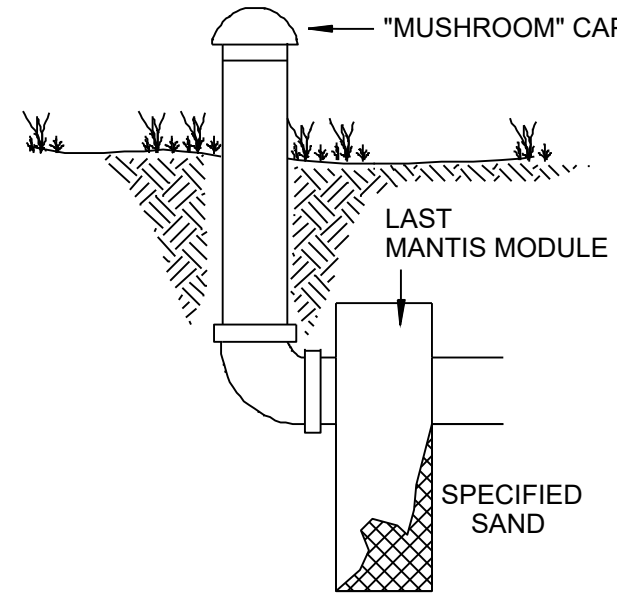
PRECAST CONCRETE 1,250 GALLON SEPTIC TANK

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



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

SCALE: NTS

DETAIL PROVIDED BY ELJEN CORPORATION

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



Project:  
**PROPOSED 1-LOT  
RESUBDIVISION OF  
958 ROUTE 163  
(PARCEL ID : 046-008-000)  
OAKDALE, CONNECTICUT  
JULY 17, 2023**

Sheet Title:	Sheet #:
<b>DETAIL SHEET</b>	<b>3.02</b>