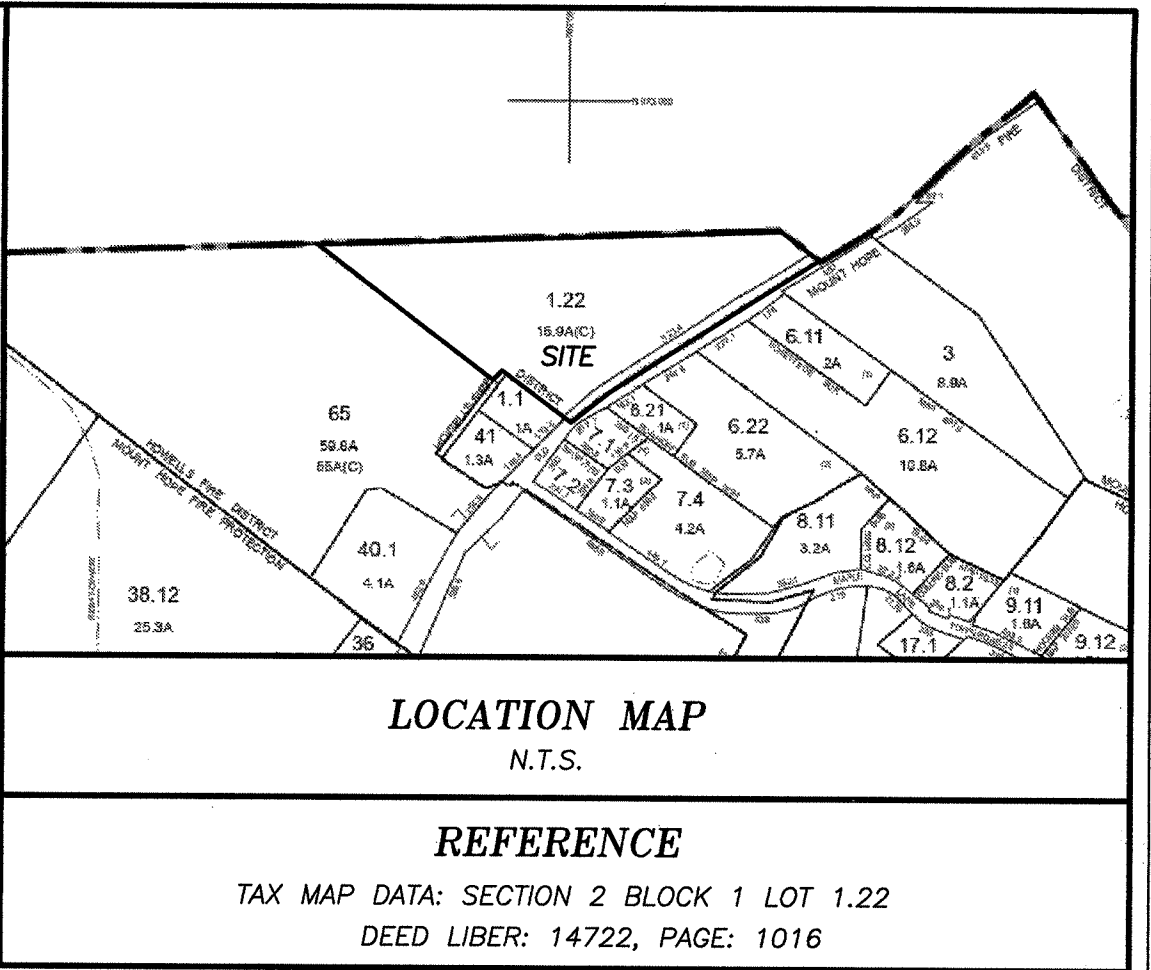
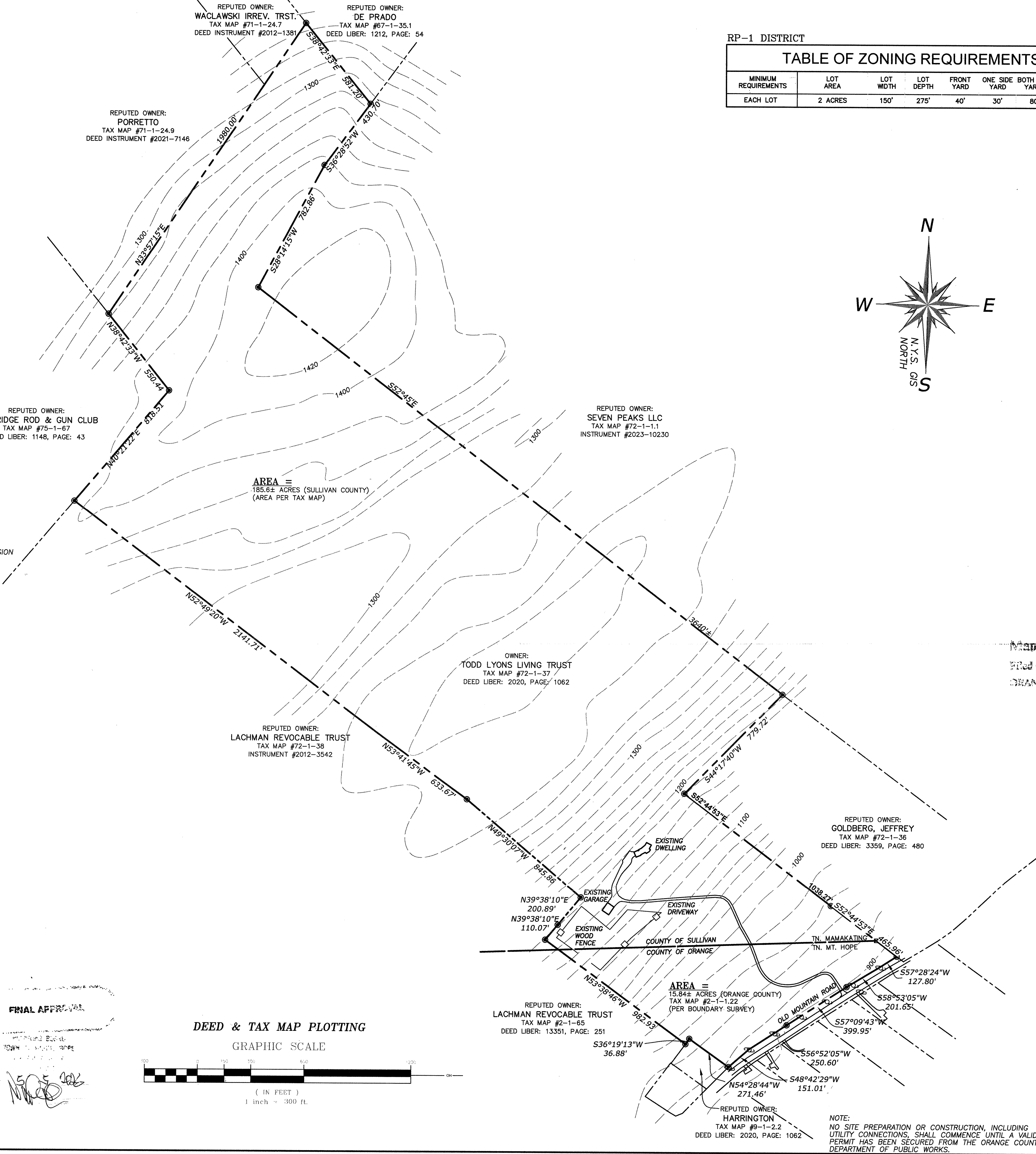


GENERAL NOTES:

- TOTAL AREA OF SUBJECT PARCEL: 201.4± ACRES
- OFFSETS OR DIMENSIONS FROM THE PROPERTY LINES TO STRUCTURES OR IMPROVEMENTS ARE SHOWN FOR THE SPECIFIC PURPOSE OF INTERPRETATION OF COMPLIANCE WITH ZONING AND ARE NOT INTENDED TO MONUMENT THE PROPERTY LINES OR TO GUIDE THE ERECTION OF FENCES OR ANY OTHER IMPROVEMENTS TO THE LAND.
- UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY MAP IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S SEAL SHALL NOT BE CONSIDERED TO BE A VALID AND TRUE COPY.
- CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF, TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
- ISSUING OF A NEW TITLE POLICY OR REDATING OF AN EXISTING POLICY REFERRING THIS SURVEY WITHOUT THE BENEFIT OF AN UPDATE OF THIS SURVEY BY THE DANIEL O'BRIEN LAND SURVEYOR SHALL TERMINATE ANY LIABILITY EXPRESSED OR IMPLIED HEREON.
- THE ALTERATION OF A SURVEY MAP BY ANYONE OTHER THAN THE ORIGINAL LAND SURVEYOR IS MISLEADING, CONFUSING AND NOT IN THE GENERAL WELFARE AND BENEFIT OF THE PUBLIC.
- UNAUTHORIZED COPIES MAY CONTAIN FRAUDULENT, INCORRECT, ERRONEOUS, OR MISLEADING INFORMATION OR OMIT IMPORTANT AND RELEVANT INFORMATION. DO NOT RELY ON UNAUTHORIZED COPIES. THE SEAL, SIGNATURE, AND CERTIFICATION ARE HEREBY REVOKED OR OTHERWISE VOID ON ALL UNAUTHORIZED COPIES.
- ANY UNDERGROUND UTILITIES AND/OR IMPROVEMENTS NOT VISIBLE AT TIME OF SURVEY HAVE NOT BEEN LOCATED IN THE FIELD AND ARE NOT SHOWN HEREON.
- A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SHALL INSPECT THE SANITARY FACILITIES (WATER SUPPLY AND WATER TREATMENT, AND SEWAGE DISPOSAL FACILITIES) AT THE TIME OF CONSTRUCTION. PRIOR TO OCCUPANCY OF THE HOUSE, THE ENGINEER SHALL CERTIFY TO THE LOCAL CODE ENFORCEMENT OFFICER THAT THE FACILITIES ARE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT ALL SEPTIC TANK JOINTS ARE SEALED AND TESTED FOR WATER TIGHTNESS.
- INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED FOR HOUSEHOLD DOMESTIC PURPOSES WHEN PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO THE PUBLIC SEWAGE SYSTEM IS REQUIRED WITHIN ONE YEAR OF THE SYSTEM BECOMING AVAILABLE.
- NO LOT IS TO BE FURTHER SUBDIVIDED WITHOUT TOWN OF MOUNT HOPE PLANNING BOARD REVIEW AND APPROVAL.
- THE APPROVED PLANS MUST BE FILED WITH THE ORANGE COUNTY CLERK'S OFFICE PRIOR TO OFFERING LOTS FOR SALE AND WITHIN 90 DAYS OF THE LAST APPROVAL OF FINAL PLANS.
- ALL TREES AND NATURAL FEATURES OUTSIDE OF THE LIMITS OF DISTURBANCE ARE TO BE PRESERVED.
- IF THE LOCATION OF ANY OF ANY PROPOSED DWELLINGS IS ALTERED UPON APPLICATION FOR A BUILDING PERMIT, AT LEAST 30% OF THE PROPOSED FOOTPRINT SHALL FALL WITHIN THE FOOTPRINT REPRESENTED ON THE SUBDIVISION PLAN OR THE APPLICANT SHALL APPEAR BEFORE THE PLANNING FOR ALTERED LOCATION.
- LIMITS OF DISTURBANCE SHALL BE DELINEATED IN THE FIELD PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.
- SUBJECT PROPERTY IS WITHIN THE RP-1 ZONING DISTRICT.
- RECORD OWNER OF THE PROPERTY: TODD LYONS LIVING TRUST.
- ALL NEW UTILITIES SHALL BE UNDERGROUND.



TREE CLEARING:

NOTES:

TREE CUTTING RESTRICTION FROM NOVEMBER 1 AND MARCH 31 OF ANY GIVEN YEAR TO PROTECT THE NORTHERN LONG-EARED BAT AND ALL NEW GROUND DISTURBANCE IS ALSO RESTRICTED TO THIS TIME PERIOD TO PROTECT THE INDIANA BAT.

NO CUTTING OF ANY TREES MAY OCCUR WITHIN THE ¼ MILE BUFFER AROUND A HIBERNATION SITE. NO ACTIVITIES THAT MAY RESULT IN DISTURBANCE TO A HIBERNATION SITE, INCLUDING, BUT NOT LIMITED TO, ACTIONS THAT WOULD ALTER THE HYDROLOGY, INCREASE NOISE OR INTRODUCE FILL MAY OCCUR.

PLEASE NOTE THAT IF YOU PLAN ANY DEVELOPMENT OR TREE CLEARING ACTIVITIES WITHIN ¼ MILE OF A HIBERNATION AREA FOR NLEB, YOU MAY BE REQUIRED TO OBTAIN A PERMIT FROM THE US FISH AND WILDLIFE SERVICE AND THE DEC. FOR CUTTING OF TREES OUTSIDE OF THE ¼ MILE BUFFER AROUND HIBERNACULA.

NO RESTRICTIONS, WITH THE FOLLOWING VOLUNTARY MEASURES RECOMMENDED:

LEAVE UN CUT ALL KNOWN AND DOCUMENTED ROOST TREES, AND ANY TREES WITHIN A 150 FOOT RADIUS OF A DOCUMENTED SUMMER OCCURRENCE.

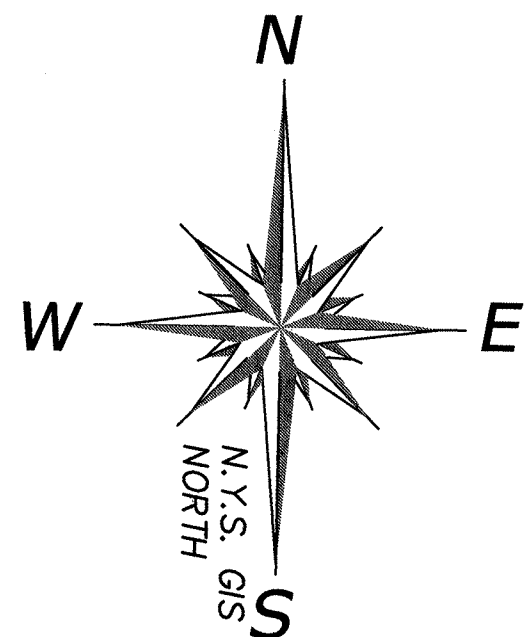
LEAVE UN CUT ALL SNAG AND CAVITY TREES UNLESS THEIR REMOVAL IS NECESSARY FOR PROTECTION OF HUMAN LIFE AND PROPERTY. FOR THE PURPOSES OF THIS GUIDANCE, PROTECTION OF HUMAN LIFE AND PROPERTY INCLUDES REMOVAL OF TREES THAT, IF NOT REMOVED, COULD RESULT IN THE LOSS OF ELECTRIC SERVICE. SNAG AND CAVITY TREES ARE DEFINED UNDER:

DEC PROGRAM POLICY ONR-DLF-2 RETENTION ON STATE FORESTS

FINAL APPROVAL

1505 2025

ERNEST JOHNSON P.L.S.
NEW YORK LICENSE, NO. 50041



LEGEND

---	INDEX CONTOUR
---	PROPERTY LINE
---	ADJOINING PROPERTY LINE
---	EXIST PAVEMENT
---	SETBACK LINE
---	STONEWALL
---	EDGE OF WOODED AREA
---	EXIST UTILITY POLE
---	WELL
---	IRON ROD SET
---	CONCRETE MON. SET

RP-1 DISTRICT

TABLE OF ZONING REQUIREMENTS

MINIMUM REQUIREMENTS	LOT AREA	LOT WIDTH	LOT DEPTH	FRONT YARD	ONE SIDE YARD	BOTH SIDE YARDS	REAR YARD
EACH LOT	2 ACRES	150'	275'	40'	30'	80'	50'

LOTS AND BUILDINGS AS SHOWN

LOT NO. (AS SHOWN)	LOT AREA	LOT WIDTH	LOT DEPTH	FRONT YARD	ONE SIDE YARD	BOTH SIDE YARDS	REAR YARD
1	3.58 ACRES	154'	910'	156'	31'	87'	705'
2	3.14 ACRES	162'	831'	152'	33'	91'	603'
3	2.62 ACRES	161'	564'	208'	34'	92'	405'
4	188.32 ACRES						EXISTING DWELLING
5	3.08 ACRES	324'	275'	132'	74'	217'	130'

LOT SOIL CALCULATIONS

LOT NUMBER	SOILS GROUP	SOILS NAME	SOIL AREA	ENVIRO. FACTOR	LOT COUNT PER GROUP
LOT 1	IV	MdB	1.54 AC.	0.71	1.09
	XII	MdD	1.61 AC.	0.33	0.53
	VI	BnC	0.21 AC.	0.67	0.14
	IV	MdC	0.22 AC.	0.71	0.16
LOT COUNT					1.92

LOT NUMBER	SOILS GROUP	SOILS NAME	SOIL AREA	ENVIRO. FACTOR	LOT COUNT PER GROUP
LOT 2	IV	MdB	1.45 AC.	0.71	1.03
	XII	MdD	1.21 AC.	0.33	0.44
	VI	BnC	0.29 AC.	0.67	0.19
	IV	MdC	0.19 AC.	0.71	0.14
LOT COUNT					1.80

LOT NUMBER	SOILS GROUP	SOILS NAME	SOIL AREA	ENVIRO. FACTOR	LOT COUNT PER GROUP
LOT 3	IV	MdB	1.59 AC.	0.71	1.13
	XII	MdD	0.49 AC.	0.33	0.16
	VI	SXC	0.23 AC.	0.67	0.15
	VI	BnC	0.28 AC.	0.67	0.19
LOT 4	IV	MdC	0.03 AC.	0.71	0.02
LOT COUNT					1.65

LOT NUMBER	VACANT LOT NOT FOR RESIDENTIAL PURPOSES
LOT 4	

LOT NUMBER	SOILS GROUP	SOILS NAME	SOIL AREA	ENVIRO. FACTOR	LOT COUNT PER GROUP
LOT 5	IV	MdB	0.97 AC.	0.71	0.69
	VI	SXC	2.75 AC.	0.67	1.84
LOT COUNT					2.53

TREE CLEARING:

NOTES:
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NO CUTTING OF ANY TREES MAY OCCUR WITHIN THE 1/4 MILE BUFFER AROUND A HIBERNATION SITE. NO ACTIVITIES THAT MAY RESULT IN DISTURBANCE TO A HIBERNATION SITE INCLUDING, BUT NOT LIMITED TO, ACTIONS THAT WOULD ALTER THE HYDROLOGY, INCREASE NOISE OR INTRODUCE FILL MAY OCCUR.

PLEASE NOTE THAT IF YOU PLAN ANY DEVELOPMENT OR TREE CLEARING ACTIVITIES WITHIN 1/4 MILE OF A HIBERNATION AREA FOR NLEB, YOU MAY BE REQUIRED TO OBTAIN A PERMIT FROM THE US FISH AND WILDLIFE SERVICE AND THE DEC. FOR CUTTING OF TREES OUTSIDE OF THE 1/4 MILE BUFFER AROUND HIBERNACULA.

NO RESTRICTIONS, WITH THE FOLLOWING VOLUNTARY MEASURES RECOMMENDED:

LEAVE UNCUT ALL KNOWN AND DOCUMENTED ROOST TREES, AND ANY TREES WITHIN A 150 FOOT RADIUS OF A DOCUMENTED SUMMER OCCURRENCE.

LEAVE UNCUT ALL SNAG AND CAVITY TREES UNLESS THEIR REMOVAL IS NECESSARY FOR PROTECTION OF HUMAN LIFE AND PROPERTY. FOR THE PURPOSES OF THIS GUIDANCE, PROTECTION OF HUMAN LIFE AND PROPERTY INCLUDES REMOVAL OF TREES THAT, IF NOT REMOVED, COULD RESULT IN THE LOSS OF ELECTRIC SERVICE. SNAG AND CAVITY TREES ARE DEFINED UNDER:

DEC PROGRAM POLICY ONR-DLE-2 RETENTION ON STATE FORESTS

GENERAL NOTES:

SUB-SURFACE STRUCTURES WHERE NOT VISIBLE OR READILY APPARENT, WILL NOT BE SHOWN AND THEIR EXTENT WILL NOT BE CERTIFIED.

THE OFFSETS FROM PROPERTY LINES SHOWN HEREON ARE NOT INTENDED TO GUIDE IN THE ERECTION OF POLES, FENCES, RETAINING WALLS, BUILDING ADDITIONS, OR ANY OTHER STRUCTURES OR PLANTINGS AND SHOULD NOT BE USED FOR SUCH PURPOSES.

SUBJECT TO ANY UNWRITTEN AND/OR WRITTEN LICENSES, EASEMENTS, RESTRICTIONS, AND/OR AGREEMENTS.

ISSUING OF A NEW TITLE POLICY OR REDATING OF AN EXISTING POLICY REFERENCING THIS SURVEY WITHOUT THE BENEFIT OF AN UPDATE OF THIS SURVEY BY FUSCO ENGINEERING AND LAND SURVEYING, P.C. SHALL TERMINATE ANY LIABILITY EXPRESSED OR IMPLIED HEREON.

I HEREBY CERTIFY TO:
TODD LYONS LIVING TRUST;

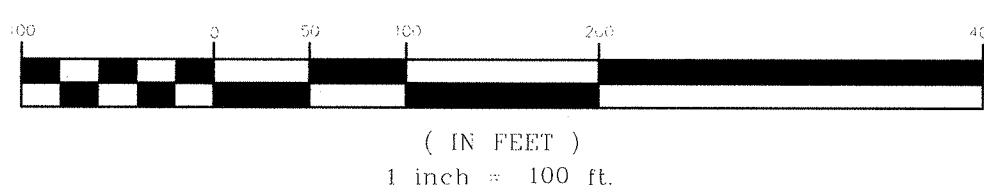
THIS IS AN ACTUAL SURVEY THAT WAS COMPLETED IN THE FIELD OF LOTS 1-3, P/O 4, LOT 5 ON JULY 18, 2025.

ERNEST JOHNSON P.L.C.
NEW YORK LICENSE, NO. 50041

FINAL APPROVAL

08/18/25
N.Y.S. GIS

GRAPHIC SCALE



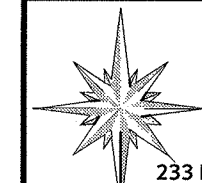
NOTE:

NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS.

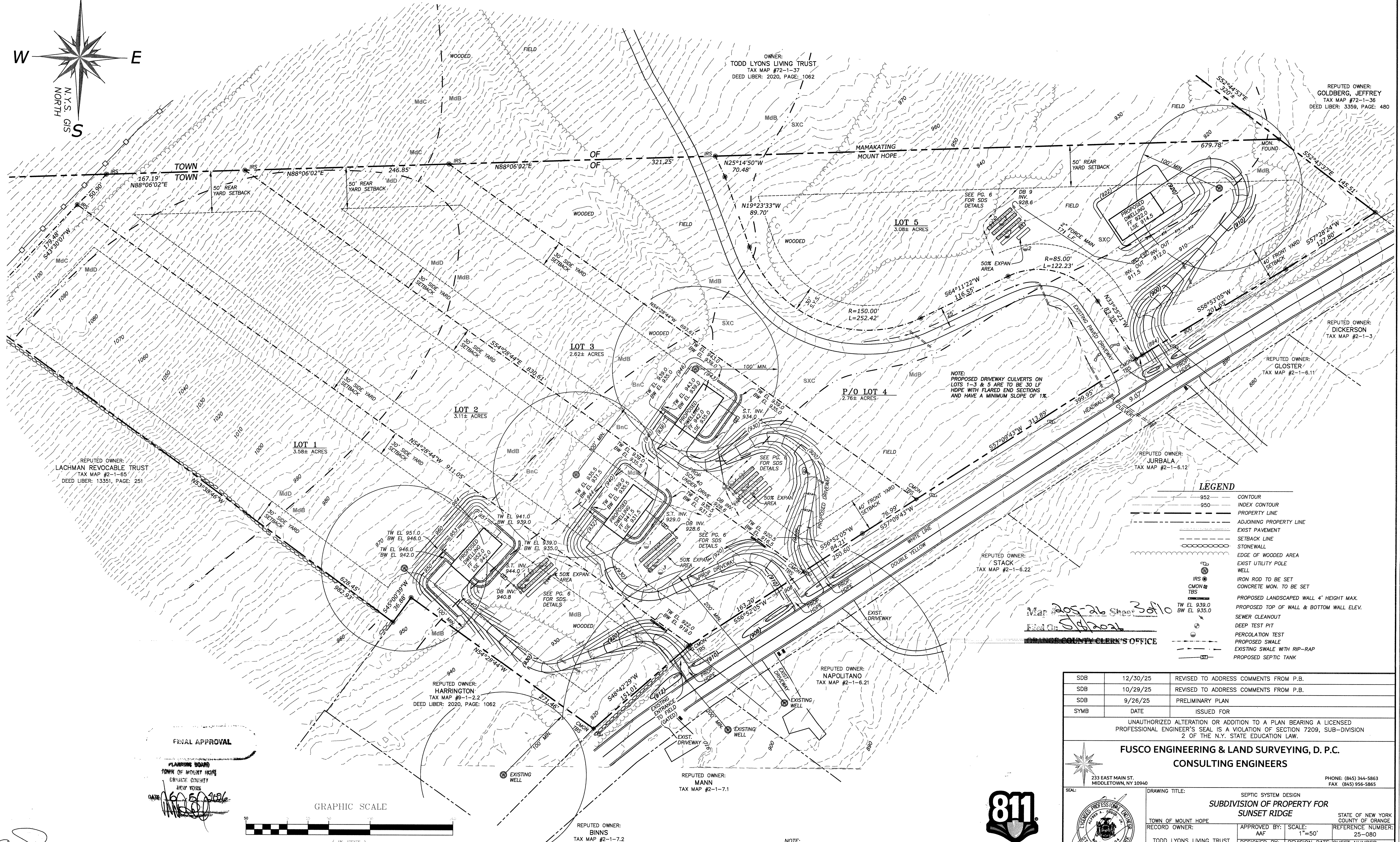
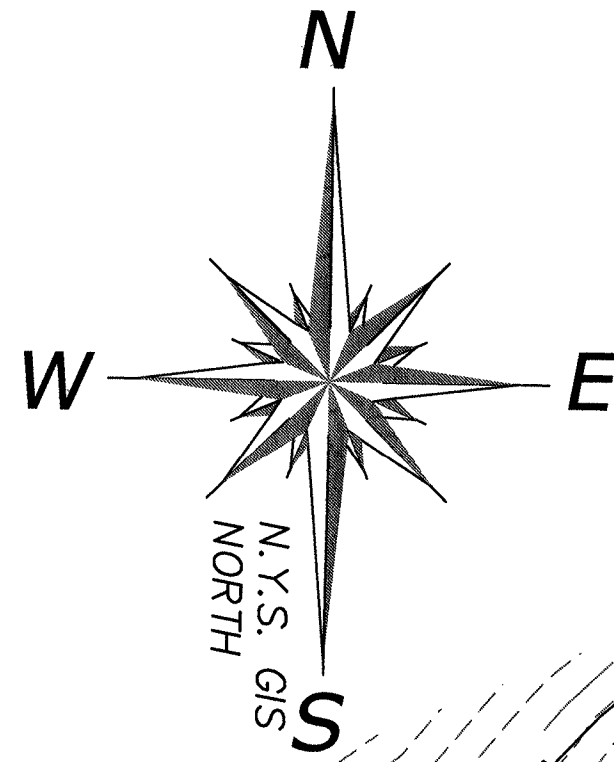
THESE PLANS ARE INCOMPLETE/INVALID UNLESS THEY CONTAIN THE ENGINEER'S SIGNATURE AND SEAL WHERE APPLICABLE AND SHEETS 1 THROUGH 10 OF 10.

SDB	12/30/25	REVISED TO ADDRESS COMMENTS FROM P.B.
SDB	10/29/25	REVISED TO ADDRESS COMMENTS FROM P.B.
SDB	9/26/25	PRELIMINARY PLAN
SYMB	DATE	ISSUED FOR

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.



233 EAST MAIN ST. MIDDLETOWN, NY 10940	PHONE: (845) 344-5863 FAX: (845) 956-5865
DRAWING TITLE: BOUNDARY SURVEY & SITE PLAN SUBDIVISION OF PROPERTY FOR SUNSET RIDGE	STATE OF NEW YORK COUNTY OF ORANGE TOWN OF MOUNT HOPE RECORD OWNER: TODD LYONS LIVING TRUST 523 OLD MOUNTAIN RD OTISVILLE, N.Y. 10963
APPROVED BY: AAF	SCALE: 1"=100'
DESIGNED BY: AAF	REVISION DATE: 12/30/25
DRAWN BY: SDB	DATE: 7/18/25
SHEET NUMBER: 25-080 2 PAGE 2 OF 10	



REPUTED OWNER:
LACHMAN REVOCABLE TRUST
TAX MAP #2-1-65
DEED LIBER: 13351, PAGE: 251

OWNER:
TODD LYONS LIVING TRUST
TAX MAP #72-1-37
DEED LIBER: 2020, PAGE: 1062

REPUTED OWNER:
GOLDBERG, JEFFREY
TAX MAP #72-1-36
DEED LIBER: 3359, PAGE: 480

REPUTED OWNER:
DICKERSON
TAX MAP #2-1-3

REPUTED OWNER:
GLOSTER
TAX MAP #2-1-6.11

REPUTED OWNER:
JURBALA
TAX MAP #2-1-6.12

REPUTED OWNER:
STACK
TAX MAP #2-1-6.22

REPUTED OWNER:
NAPOLITANO
TAX MAP #2-1-6.21

REPUTED OWNER:
MANN
TAX MAP #2-1-7.1

REPUTED OWNER:
BINNS
TAX MAP #2-1-7.2

- LEGEND**
- 952 CONTOUR
 - 950 INDEX CONTOUR
 - PROPERTY LINE
 - ADJOINING PROPERTY LINE
 - EXIST PAVEMENT
 - SETBACK LINE
 - STONEWALL
 - EDGE OF WOODED AREA
 - EXIST UTILITY POLE
 - WELL
 - IRON ROD TO BE SET
 - CONCRETE MON. TO BE SET
 - PROPOSED LANDSCAPED WALL 4' HEIGHT MAX.
 - PROPOSED TOP OF WALL & BOTTOM WALL ELEV.
 - SEWER CLEANOUT
 - DEEP TEST PIT
 - PERCOLATION TEST
 - PROPOSED SWALE
 - EXISTING SWALE WITH RIP-RAP
 - PROPOSED SEPTIC TANK

Map 205-26 Shes 3 of 10
Date: 9/2/2024

Orange County Clerk's Office

FINAL APPROVAL

PLANNING BOARD
TOWN OF MOUNT HOPE
ORANGE COUNTY
NEW YORK

DATE: 9/2/2024

GRAPHIC SCALE



(IN FEET)
1 inch = 50 ft.

NOTE:
NO SITE PREPARATION OR CONSTRUCTION, INCLUDING
UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID
PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY
DEPARTMENT OF PUBLIC WORKS.



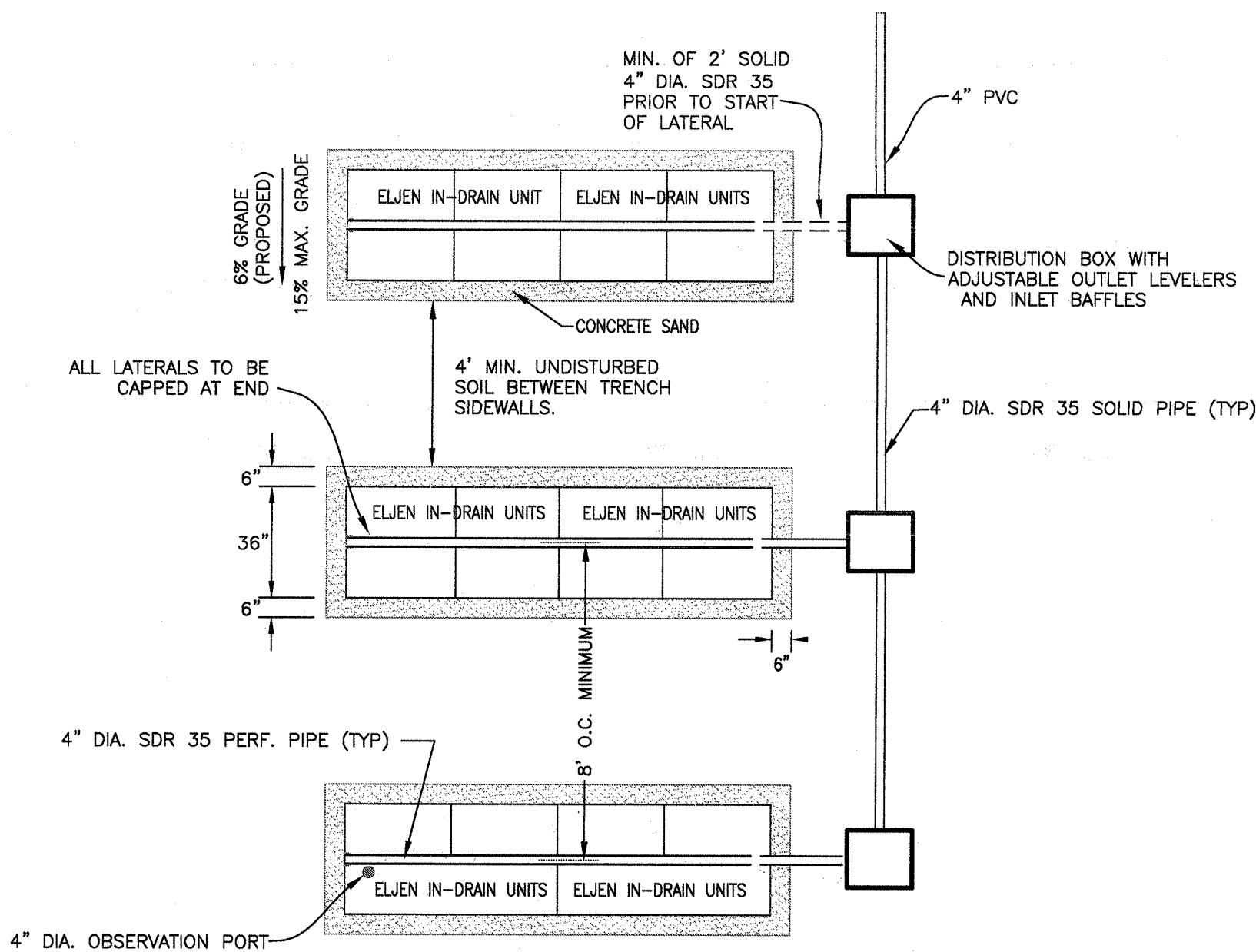
SDB	12/30/25	REVISED TO ADDRESS COMMENTS FROM P.B.
SDB	10/29/25	REVISED TO ADDRESS COMMENTS FROM P.B.
SDB	9/26/25	PRELIMINARY PLAN
SYMB	DATE	ISSUED FOR
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.		
FUSCO ENGINEERING & LAND SURVEYING, D. P.C. CONSULTING ENGINEERS		
233 EAST MAIN ST. MIDDLETOWN, NY 10940 PHONE: (845) 344-5863 FAX: (845) 956-5865		
DRAWING TITLE: SEPTIC SYSTEM DESIGN SUBDIVISION OF PROPERTY FOR SUNSET RIDGE		
TOWN OF MOUNT HOPE RECORD OWNER:		
TODD LYONS LIVING TRUST 523 OLD MOUNTAIN RD OTISVILLE, N.Y. 10963		
APPROVED BY: AF	SCALE: 1"=50'	REFERENCE NUMBER: 25-080
DESIGNED BY: AF	REVISION DATE: 12/30/25	SHEET NUMBER: 3
DRAWN BY: SDB	DATE: 7/18/25	PAGE 3 OF 10

ERNEST JOHNSON, P.L.S.
NEW YORK LICENSE, NO. 50041

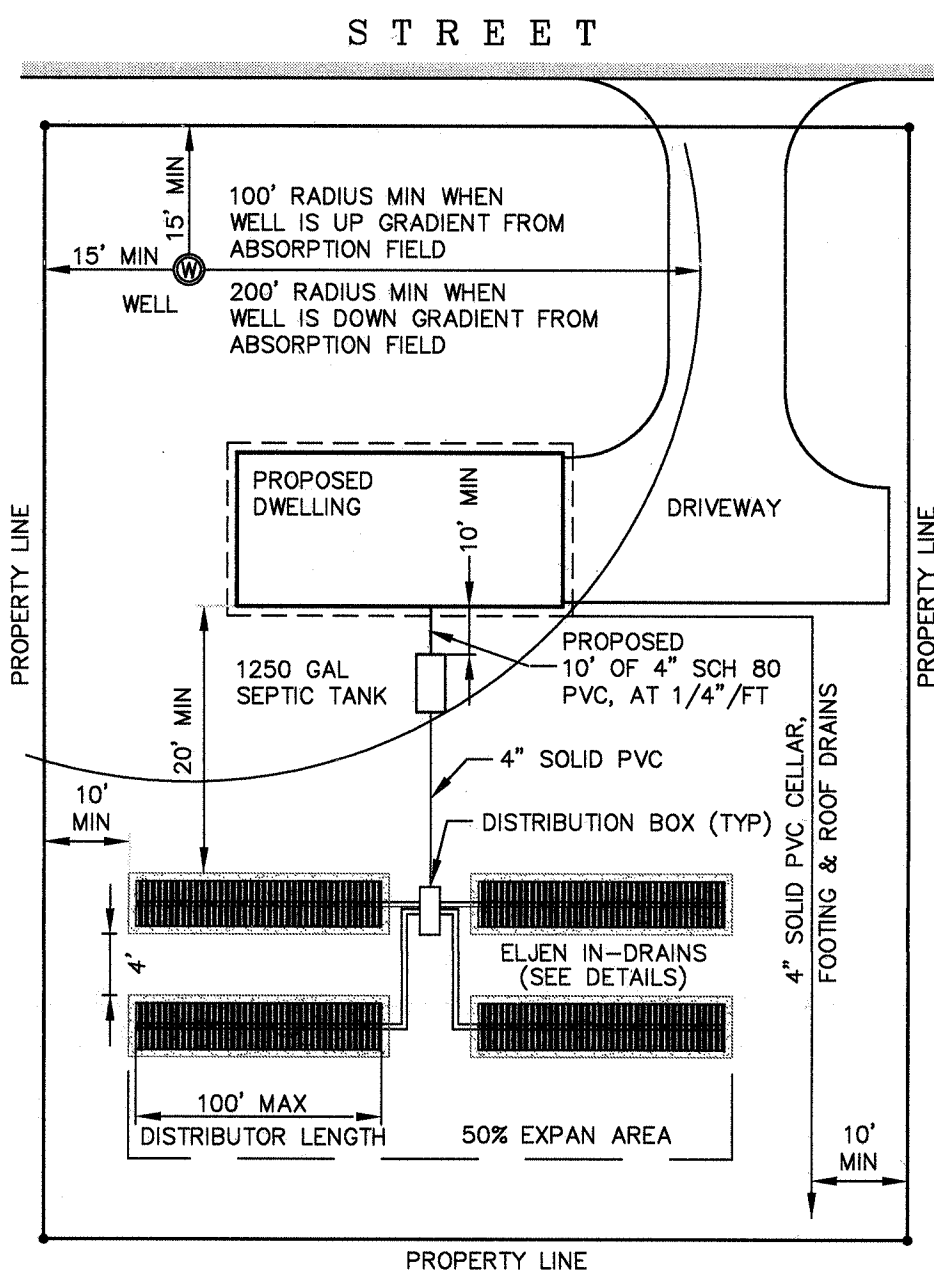
TABLE 2
SEPARATION DISTANCES FROM WASTEWATER SOURCES

SYSTEM COMPONENTS	WELL OR SUCTION LINE(a)	TO STREAM, LAKE OR WATER COURSE (c) (b) OR WETLAND	DWELLING	PROPERTY LINE	DRAINAGE DITCH OR RAIN GARDENS (H)
HOUSE SEWER (WATERTIGHT JOINTS)	25' IF CAST IRON PIPE 50' OTHERWISE	25'	3'	10'	10'
SEPTIC TANK, DOSING TANK OR WATERTIGHT ETU	50'	50'	10'	10'	10'
EFFLUENT LINE TO DISTRIBUTION/DROP BOX	50'	50'	10'	10'	10'
DISTRIBUTION/DROP BOX	100'	100'	20'	10'	20'
ABSORPTION FIELD (C)(D)	100' (A)	100'	20'	10'	50'
SEEPAGE PIT (D)	150' (A)	100'	20'	10'	20'
RAISED SYSTEM OR MOUND (C)(D)	100' (a)	100'	20'	10'	20'
INTERMITTENT SAND FILTER (D)	100' (A)(F)	100' (F)	20'	10'	20'
NON-WATERBORNE SYSTEMS WITH OFFSITE RESIDUAL DISPOSAL	50'	50'	20'	10'	10'
NON-WATERBORNE SYSTEMS WITH OFFSITE DISCHARGE	100'	50'	20'	10'	20'

- A) WHEN WASTEWATER TREATMENT SYSTEMS ARE LOCATED UPGRADE AND IN DIRECT PATH OF SURFACE WATER DRAINAGE TO A WELL, THE CLOSEST PART OF THE TREATMENT SYSTEM SHALL BE AT LEAST 200 FEET AWAY FROM THE WELL.
- B) MEAN HIGH WATER MARK, WETLAND OR WATERCOURSE DETERMINATIONS SHOULD BE ADDRESSED WITH THE LHD OR OTHER AGENCY HAVING JURISDICTION AND THE APPLICABLE NYSDEC REGIONAL OFFICE.
- C) FOR ALL SYSTEMS INVOLVING THE PLACEMENT OF FILL MATERIAL, SEPARATION DISTANCES ARE MEASURED FROM THE TOE OF THE SLOPE OF FILL, EXCEPT FOR SOME SHALLOW ABSORPTION TRENCH SYSTEMS AS DESCRIBED IN SECTION 8.12.2 OF THIS HANDBOOK.
- D) SEPARATION DISTANCES SHALL ALSO BE MEASURED FROM THE EDGE OF THE DESIGNATED ADDITIONAL USABLE AREA (I.E., RESERVE AREA), WHEN AVAILABLE.
- E) THE CLOSEST PART OF THE WASTEWATER TREATMENT SYSTEM SHALL BE LOCATED AT LEAST TEN (10) FEET FROM ANY WATER SERVICE LINE (E.G., PUBLIC WATER SUPPLY MAIN, PUBLIC WATER SERVICE LINE OR RESIDENTIAL WELL SERVICE LINE).
- F) WHEN INTERMITTENT SAND FILTERS ARE DESIGNED TO BE WATERTIGHT AND COLLECT ALL EFFLUENT, THE SEPARATION DISTANCE CAN BE REDUCED TO 50 FEET.
- G) THE LISTED WELL SEPARATION DISTANCES FROM CONTAMINANT SOURCES SHALL BE INCREASED BY 50% WHENEVER AQUIFER WATER ENTERS THE WELL AT LESS THAN 50 FEET BELOW GRADE. IF A 50% INCREASE CANNOT BE ACHIEVED, THEN THE GREATEST POSSIBLE INCREASE IN SEPARATION DISTANCE SHALL BE PROVIDED WITH SUCH ADDITIONAL MEASURES AS NEEDED TO PREVENT CONTAMINATION.
- H) RECOMMENDED: USE SITE EVALUATION TO AVOID OWTS SHORT-CIRCUITING TO THE SURFACE OR GROUNDWATER AND TO MINIMIZE IMPACTS ON OWTS FUNCTIONALITY.
- I) SEPARATION OF ABSORPTION FIELD TO INTERMITTENT STREAM, STORMWATER INFILTRATION MANAGEMENT PRACTICE, CULVERT OR STORM SEWER (NON-GASKET PIPE), OR CATCH BASIN 50'.
- J) SEPARATION OF ABSORPTION FIELD TO CULVERT OR STORM SEWER (GASKET, TIGHT PIPE) 35'.
- K) SEPARATION OF ABSORPTION FIELD TO SNOW STORAGE EASEMENT 10'.
- L) DRAINAGE PIPES WITHIN 25' OF ANY WELL TO BE WATERTIGHT.
- M) SEPARATION WELL TO SUBDIVISION BOUNDARY 50'.
- N) SEPARATION ABSORPTION FIELD TO SUBDIVISION BOUNDARY 50'.
- O) ABSORPTION FIELD TO HIGH-WATER LINE OF A WET POND 100'.
- P) ABSORPTION FIELD TO STREAM, LAKE, WATERCOURSE (B), OR WETLAND 100' OR WATERCOURSE DETERMINATIONS SHOULD BE ADDRESSED WITH LHD OR OTHER AGENCY HAVING JURISDICTION AND APPLICABLE NYSDEC REGIONAL OFFICE.
- EMBANKMENT OR VERY STEEP SLOPE: IT IS RECOMMENDED THAT SYSTEM COMPONENTS BE LOCATED 25 FEET AND THE ABSORPTION FIELD BE LOCATED A MINIMUM OF 50 FEET FROM AN EMBANKMENT OR STEEP SLOPE. MAXIMIZE SEP(separation) DISTANCES AND USE SITE EVALUATION TO AVOID SHORT-CIRCUITING TO SURFACE (BREAKOUT OR SEEPAGE).
- SWIMMING POOLS (ABOVE OR BELOW GROUND): IT IS RECOMMENDED THAT SYSTEM COMPONENTS BE LOCATED A MINIMUM OF 20 FEET AND THE ABSORPTION FIELD BE LOCATED A MINIMUM OF 35 FEET FROM SWIMMING POOLS. MAXIMIZE SEPARATION DISTANCES AND USE SITE EVALUATION TO MINIMIZE IMPACTS ON THE OWTS ACCESSIBILITY AND FUNCTIONALITY.



ELJEN IN-DRAIN ABSORPTION TRENCH CONFIGURATION
N.T.S. (USE FOR ALL LOTS)



- NOTES:
- SEPTIC TANK IS TO BE 50' MIN FROM WELL AND 10' MIN. FROM DWELLING.
 - PIPE FROM DISTRIBUTOR BOX TO DISTRIBUTOR BOX TO BE TIGHT JOINT 4" NON-PERFORATED PVC- SLOPE 1/8" PER FOOT MIN.
 - THE ELJEN MATS ARE TO BE LAID OUT LEVEL.
 - PROVIDE 2' OF SOLID PIPE FROM THE DROP BOX TO TIE INTO THE ELJEN LATERAL.

TYPICAL ELJEN LOT LAYOUT

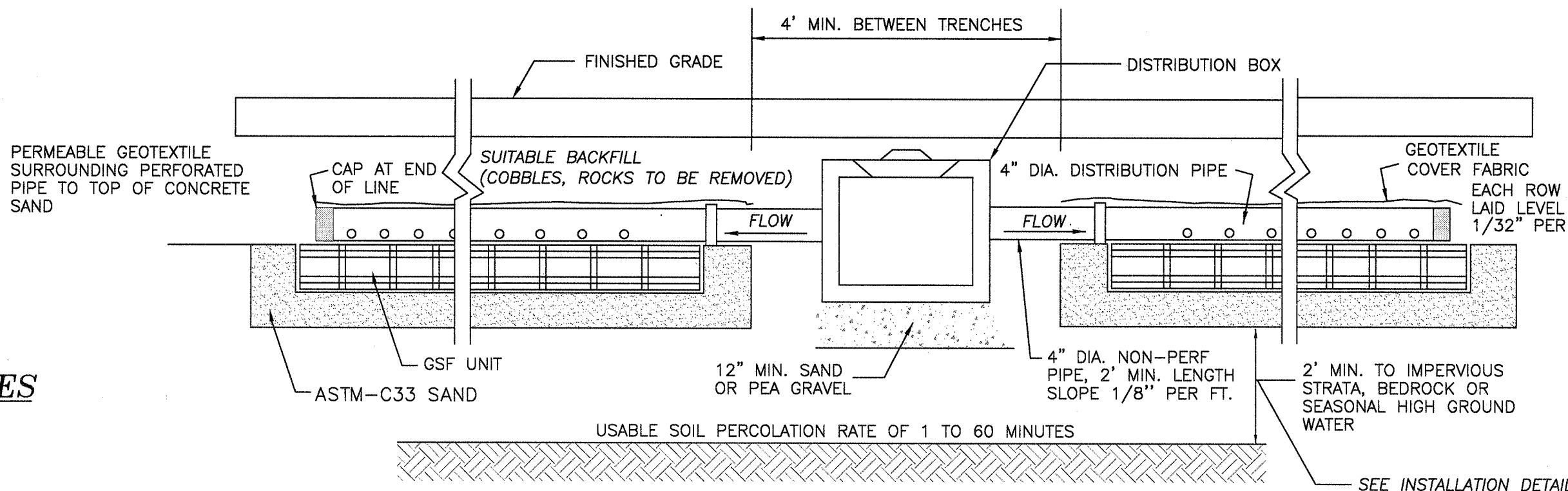
(NOT TO SCALE)

TRENCH INSTALLATION SIZING AND GUIDELINES

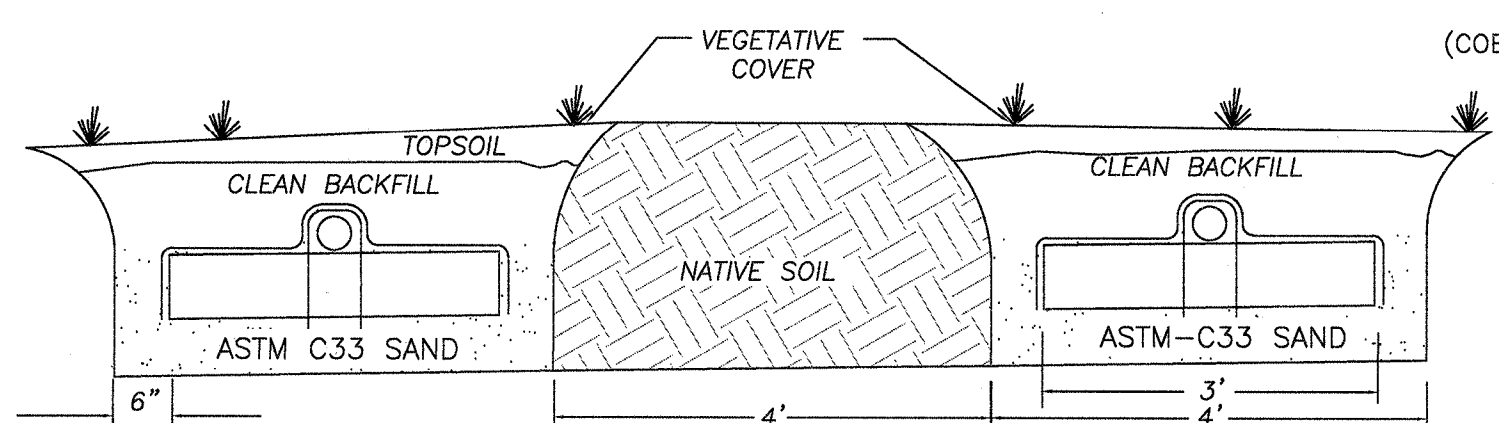
- ENSURE ALL COMPONENTS LEADING TO THE GSF SYSTEM ARE INSTALLED PROPERLY. SEPTIC TANK EFFLUENT FILTERS ARE REQUIRED WITH THE GSF SYSTEM.
- DETERMINE THE NUMBER OF GSF MODULES REQUIRED USING THE TRENCH SIZING EXAMPLE.
- PREPARE THE SITE. DO NOT INSTALL SYSTEM ON SATURATED GROUND OR WET SOILS THAT ARE SMEARED DURING EXCAVATION. KEEP MACHINERY OFF INFILTRATIVE AREAS.
- PLAN ALL DRAINAGE REQUIREMENTS ABOVE (UP-SLOPE) OF THE SYSTEM. SET SOIL GRADES TO ENSURE THAT STORM WATER DRAINAGE AND GROUND WATER IS DIVERTED AWAY FROM THE ABSORPTION AREA ONCE THE SYSTEM IS COMPLETE.
- EXCAVATE THE TRENCH; PREPARE THE RECEIVING LAYER TO MAXIMIZE THE INTERFACE BETWEEN THE NATIVE SOIL AND SPECIFIED SAND.
- MINIMIZE WALKING IN THE TRENCH PRIOR TO PLACEMENT OF THE SPECIFIED SAND TO AVOID SOIL COMPACTION.
- PLACE SPECIFIED SAND IN 6" LIFT AND STABILIZE BY FOOT, A HANDHELD TAMPING TOOL OR A PORTABLE VIBRATING COMPACTOR. THE MINIMUM HEIGHT BELOW THE GSF MODULE MUST BE LEVEL AT 6".
- PLACE GSF MODULES WITH PAINTED STRIPE FACING UP, END TO END ON TOP OF THE SPECIFIED SAND ALONG THEIR 4-FOOT LENGTH.
- A STANDARD 4-INCH PERFORATED PIPE, SDR 35 OR EQUIVALENT, IS CENTERED ALONG THE MODULES 4-FOOT LENGTH. ORIFICES ARE SET AT 4 & 8 O'CLOCK POSITION.
- ALL 4-INCH PIPES ARE SECURED WITH MANUFACTURERS SUPPLIED WIRE CLAMPS, ON PER MODULE.
- (PRESSURE DISTRIBUTION SYSTEMS) INSERT A PRESSURE PIPE (SIZE PER DESIGN AND CODE) INTO THE STANDARD 4-INCH PERFORATED PIPE. THE PRESSURE ORIFICES ARE SET AT THE 12 O'CLOCK POSITION AS SHOWN IN FIGURE 14. EACH PRESSURE LATERAL WILL HAVE A DRAIN HOLE AT THE 6 O'CLOCK POSITION. EACH PRESSURE LATERAL SHALL INCLUDE SWEEPING CLEANOUTS AT THE TERMINAL ENDS AND BE ACCESSIBLE FROM GRADE.
- COVER FABRIC SUBSTITUTION IS NOT ALLOWED. THE INSTALLER SHOULD LAY THE ELJEN PROVIDED GEOTEXTILE COVER FABRIC LENGTHWISE DOWN THE TRENCH, WITH THE FABRIC FITTED TO THE PERFORATED PIPE ON TOP OF THE GSF MODULES. FABRIC SHOULD BE NEITHER TOO LOOSE, NOR TOO TIGHT. THE CORRECT TENSION OF THE COVER FABRIC IS SET BY:
A. SPREADING THE COVER FABRIC OVER THE TOP OF THE MODULE AND DOWN BOTH SIDES OF THE MODULE WITH THE COVER FABRIC TENTED OVER THE TOP OF THE PERFORATED DISTRIBUTION PIPE.
B. PLACE SHOVELFULS OF SPECIFIED SAND DIRECTLY OVER THE PIPE AREA ALLOWING THE COVER FABRIC TO FORM A MOSTLY VERTICAL ORIENTATION ALONG THE SIDES OF THE PIPE. REPEAT THIS STEP MOVING DOWN THE PIPE.
- PLACE SAND EXTENSIONS ALONG THE SIDES OF THE MODULES EDGE. A MINIMUM OF 6 INCHES OF SPECIFIED SAND IS PLACED AT THE BEGINNING AND END OF EACH TRENCH.
- COMPLETE BACKFILL WITH A MINIMUM OF 12 INCHES OF CLEAN POROUS FILL MEASURED FROM THE TOP OF THE MODULE. BACKFILL EXCEEDING 18 INCHES REQUIRES VENTING AT THE FAR END OF THE TRENCH. USE WELL GRADED NATIVE SOIL THAT IS CLEAN, POROUS AND DEVOID OF LARGE ROCKS. DO NOT USE WHEELED EQUIPMENT OVER THE SYSTEM. A LIGHT TRACK MACHINE MAY BE USED WITH CAUTION, AVOID CRUSHING OR SHIFTING OF THE PIPE ASSEMBLY.
- DIVERT SURFACE RUNOFF FROM THE SYSTEM. FINISH GRADE TO PREVENT SURFACE PONDING. TOPSOIL AND SEED SYSTEM AREA TO PROTECT FROM EROSION.

REQUIRED ELJEN NOTES ON DESIGN PLANS

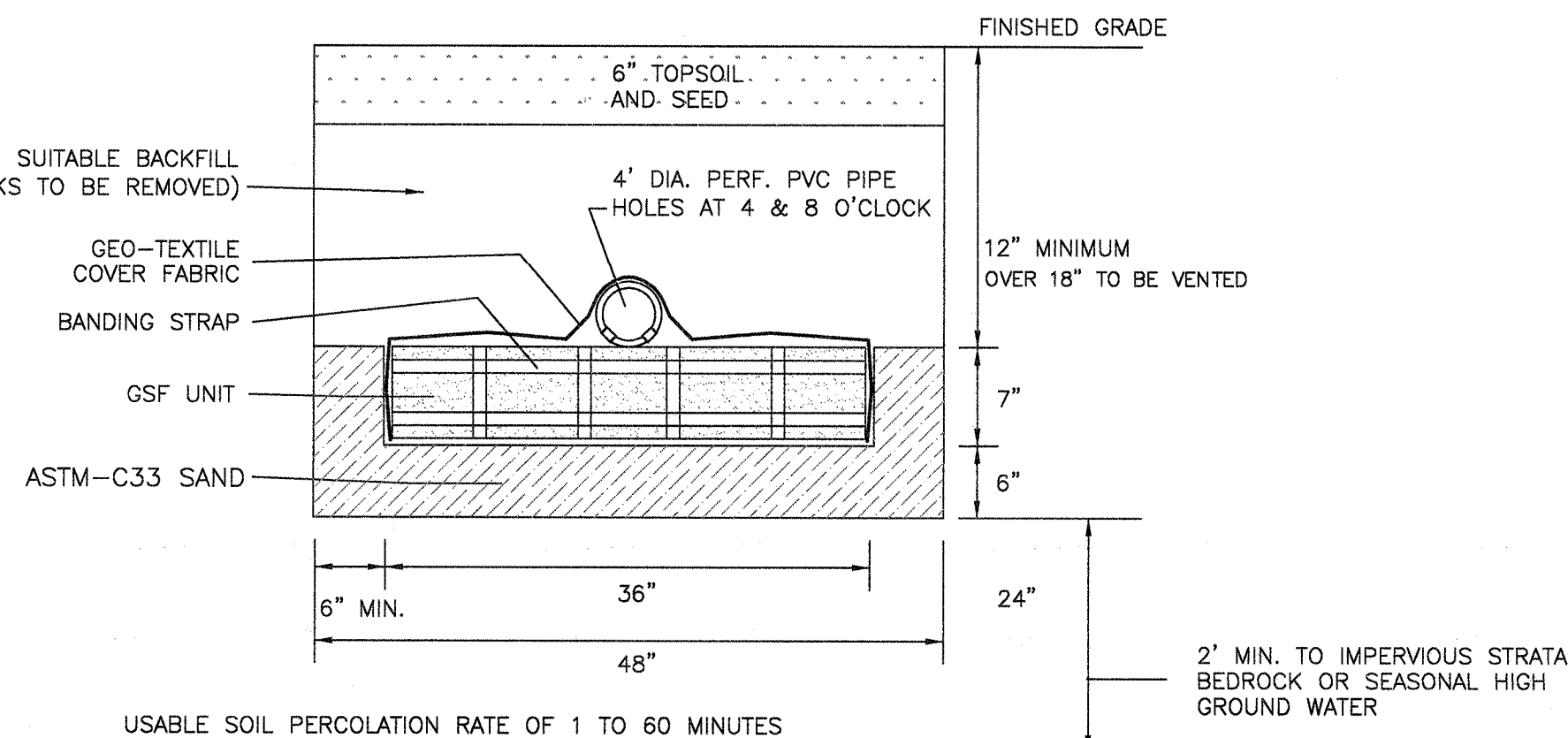
- THIS DESIGN AND CONSTRUCTION REQUIREMENT COMPLIES WITH APPENDIX 75-A AND LOCAL HEALTH DEPARTMENT
- THIS DESIGN COMPLIES WITH AND MUST BE INSTALLED IN ACCORDANCE WITH THE MOST CURRENT ELJEN NEW YORK DESIGN AND INSTALLATION MANUAL.
- THIS SYSTEM IS NOT DESIGNED FOR USE WITH A GARBAGE GRINDER.
- THIS SYSTEM IS NOT DESIGNED FOR BACKWASH FROM A WATER SOFTNER.
- ORGANIC MATERIAL CAN RESTRICT FLOW MUST BE REMOVED FOR RAISED BEDS. THE SOIL MUST BE SCARIFIED TO PROVIDE DEEP CHANNELS FOR THE SAND. A PLOWED INTERFACE ON CONTOUR IS RECOMMENDED TO PREPARE THE SOIL FOR FILL REPLACEMENT.
- SCARIFY ANY SMEARED SUBSOIL PRIOR TO FILL REPLACEMENT.
- FILL MATERIAL SHALL MEET OR EXCEED STATE OF NEW YORK CODE REQUIREMENTS. ALL FILL MATERIAL SHALL BE CLEAN BANK RUN SAND, FREE OF TOPSOIL, HUMUS, AND DREDGING DIRECTLY BENEATH THE GSF SYSTEM.
- ASTM C33 SPECIFIED SAND WITH LESS THAN 10% PASSING A #100 SIEVE AND LESS THAN 5% PASSING A #200 SIEVE SHALL BE PLACED BELOW AND AROUND GSF MODULES, WITH 6" MINIMUM UNDERNEATH AND 6" MINIMUM SURROUNDING THE GSF MODULES IN TRENCH CONFIGURATIONS. IN BED SYSTEMS, USE 6" MINIMUM UNDERNEATH THE MODULES WITH 12" MINIMUM AROUND THE PERIMETER OF THE MODULES.
- ELJEN PROVIDED GEOTEXTILE COVER FABRIC SHALL PROVIDE PROPER TENSION AND ORIENTATION OF THE FABRIC AROUND THE SIDES OF THE PERFORATED PIPE ON TOP OF THE GSF MODULES. FABRIC SHOULD NEITHER TOO LOOSE, NOR TOO TIGHT. THE CORRECT TENSION OF THE COVER FABRIC IS SET BY:
A) SPREADING THE COVER FABRIC OVER THE TOP OF THE MODULE AND DOWN BOTH SIDES OF THE MODULE WITH THE COVER FABRIC TENTED OVER THE TOP OF THE PERFORATED DISTRIBUTION PIPE.
B) PLACE SHOVELFULS OF SPECIFIED SAND DIRECTLY OVER THE PIPE AREA ALLOWING THE COVER FABRIC TO FORM A MOST VERTICAL ORIENTATION ALONG THE SIDES OF THE PIPE. REPEAT THE STEP MOVING DOWN THE PIPE.
- BACKFILL MATERIAL SHALL BE CLEAN WITH NO ROOTS OR STONES LARGER THAN 2" IN ANY DIMENSION TO A MINIMUM DEPTH OF 8" OVER THE GSF MODULES AND FINAL COVER FOR VEGETATION OF 4" TO 6" OF CLEAN LOAM.
- ANY SYSTEM WHICH IS MORE THAN 18" BELOW FINISH GRADE AS MEASURED FROM THE TOP OF THE MODULE SHALL BE VENTED.



ELJEN GSF UNIT INSTALLATION DETAIL
N.T.S.



ELJEN GSF MULTIPLE TRENCH CROSS SECTION
N.T.S.



ELJEN GSF UNIT INSTALLATION DETAIL
N.T.S.

Map #205-26 sheet 4 of 10
Filed On 5/10/2021
ORANGE COUNTY CLERK'S OFFICE

FINAL APPROVAL

PLANNING BOARD
TOWN OF MOUNT HOPE
ORANGE COUNTY
NEW YORK
DATE: 5/5/2021
[Signature]



NOTE:
NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS.

ASTM-C33 SAND SPEC.

SIEVE SIZE	SIZE	PERCENT PASSING WET SIEVE
0.375	9.5 mm	100.0-100.0
NO. 4	4.75 mm	95-100.0
NO. 8	2.36 mm	80.0-100.0
NO. 16	1.18 mm	50.0-85.0
NO. 30	600 µm	25.0-60.0
NO. 50	300 µm	5.0-30.0
NO. 100	150 µm	< 10
NO. 200 (WET)	75 µm	< 5.0

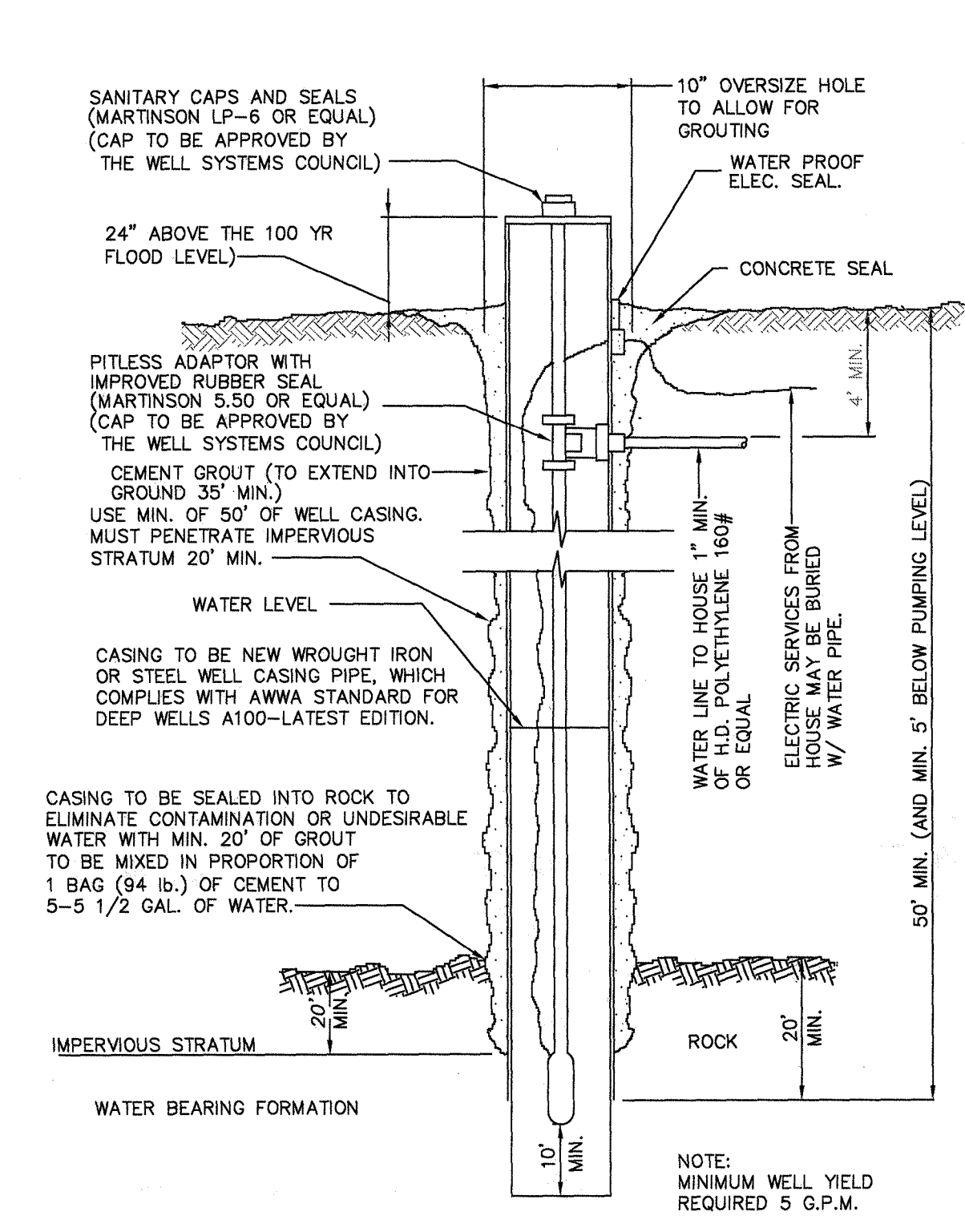
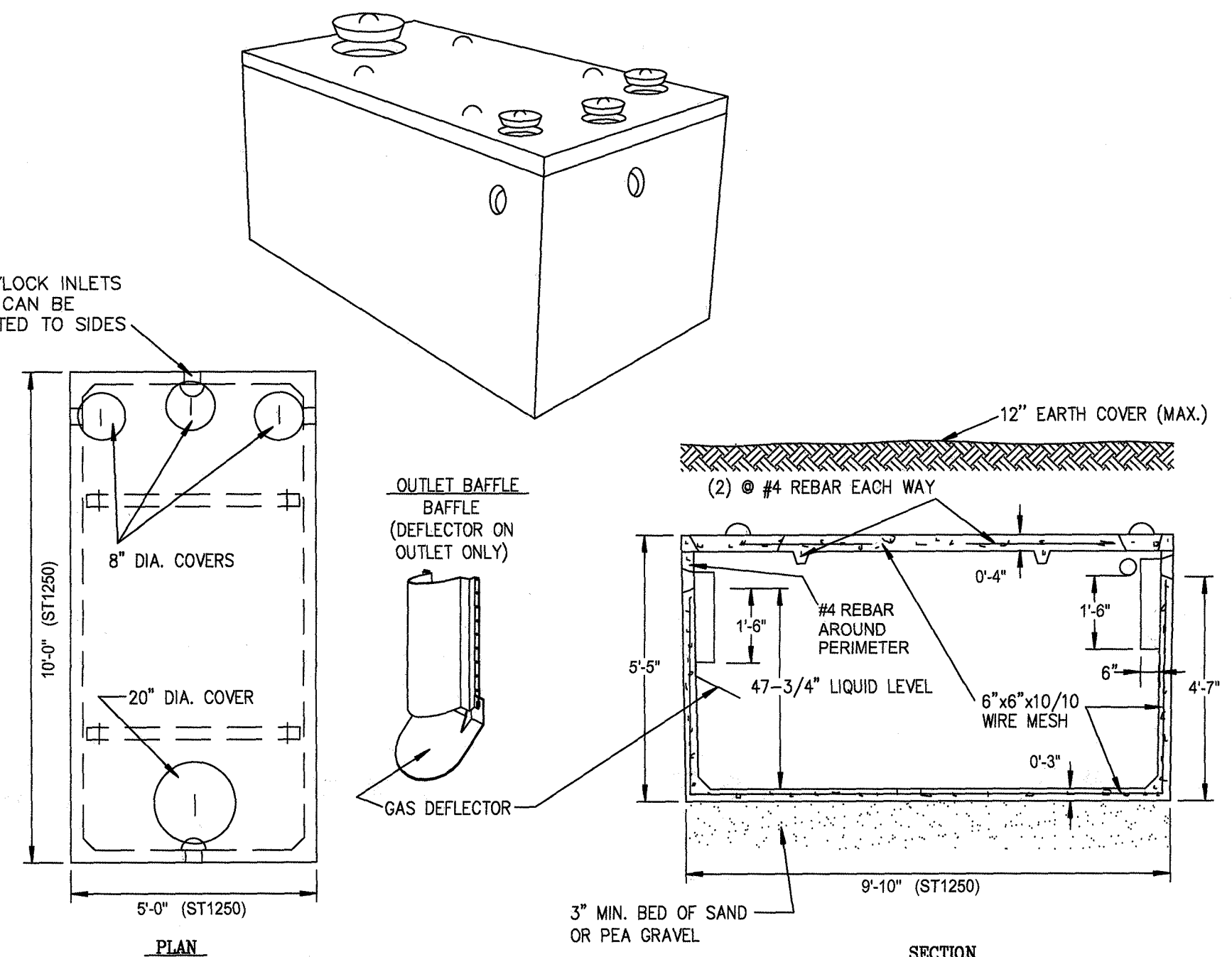
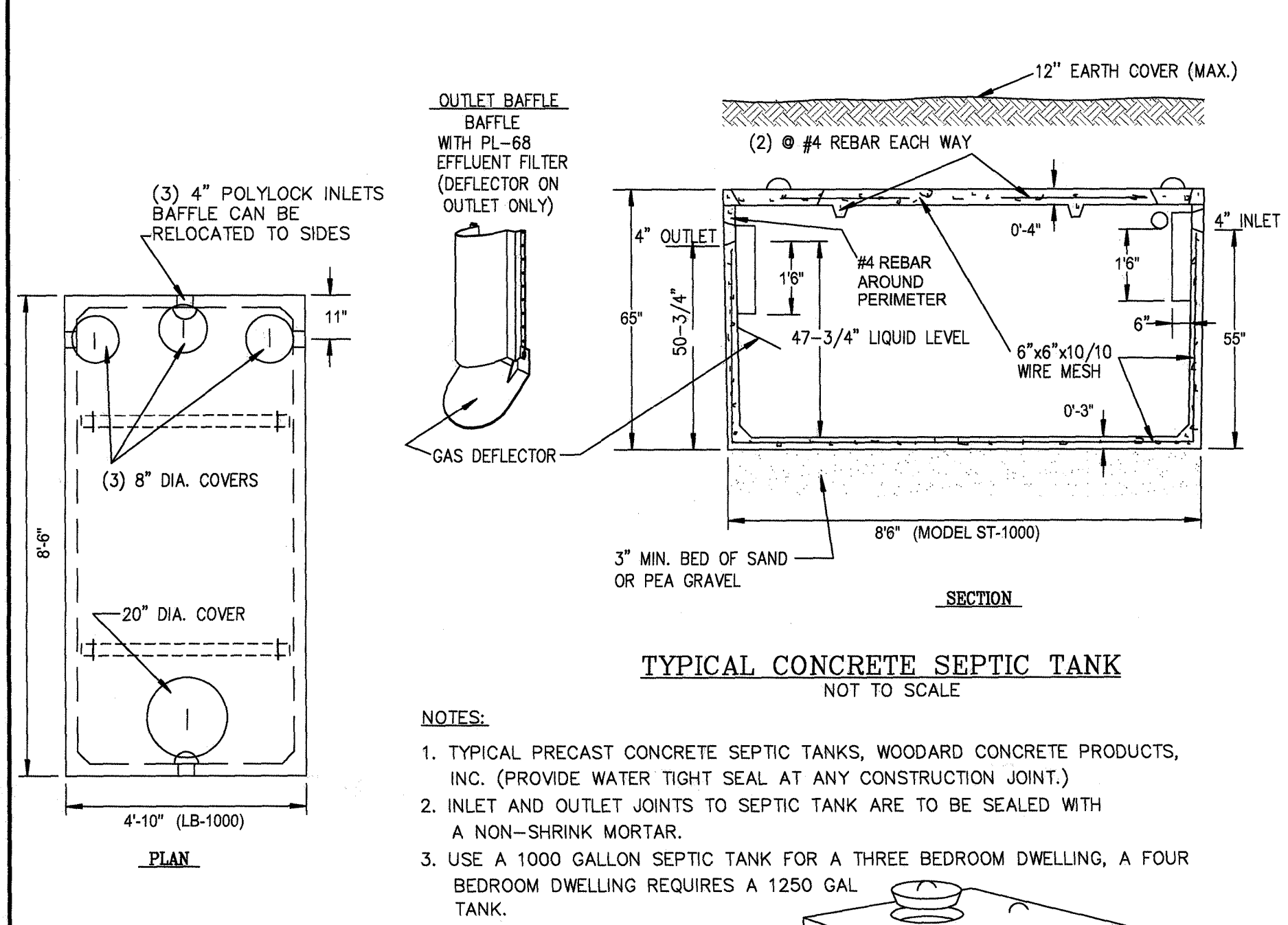
ELJEN GSF DIMENSION & SPECIFICATIONS

TYPE B IN-DRAIN UNIT	36"W x 48" L x 7"H
LARGE CORE WIDTH	1.250"
SMALL CORE WIDTH	0.750"
DESIGN FLOW	LESS THAN 1,000 GAL/DAY
VOIDS/VOLUME PER IN-DRAIN	90% VOIDS/50 GAL
DISTANCE TO SEASONAL HIGH WATER TABLE, IMPERVIOUS STRATA OR BEDROCK	2' MINIMUM MEASURED FROM BOTTOM OF CONCRETE SAND
DEPTH OF COVER OVER DISTRIBUTION PIPE	16" MINIMUM
BACKFILL	SUITABLE, CLEAN WITH COBBLES AND ROCKS REMOVED
ASTM-C33 SAND	ASTM-C33 SAND
DISTRIBUTION PIPE PERFORATED	4" DIA. PVC SCH 40
DISTRIBUTION PIPE NON-PERFORATED	4" DIA. PVC SCH 40
GEOTEXTILE FILTER FABRIC COVER PROVIDED WITH IN-DRAIN UNITS	TYPAR 3401
SPACING BETWEEN IN-DRAIN UNITS	4' BETWEEN TRENCHES
ACCEPTABLE SOIL PERCOLATION RATE	1-60 MIN/IN ABSORPTION TRENCH
DISTRIBUTION METHODS	GRAVITY/PUMP/SIPHON

WATER SAVING FIXTURES NOTES:

- THE USE OF POST 1994 WATER SAVING FIXTURES ARE REQUIRED IN THE DWELLING.
- POST 1994 WATER SAVING FIXTURES SHALL BE AS DEFINED IN "RESIDENTIAL ONSITE WASTEWATER TREATMENT SYSTEM DESIGN HANDBOOK", NEW YORK STATE DEPARTMENT OF HEALTH, 2012 ED., TABLE 1-DAILY DESIGN FLOWS FOR VARIOUS HOUSEHOLD PLUMBING.
- A DESIGN FLOW OF 110 GALLONS PER BEDROOM PER DAY SHALL BE USED IN DETERMINING REQUIRED WATER SAVING PLUMBING FIXTURES.
- WATER SAVING PLUMBING FIXTURES SHALL BE DEFINED AS FOLLOWS:
A) 1.6 GALLONS PER FLUSH WATER CLOSETS.
B) 2.5 GALLONS PER MINUTE FAUCETS/SHOWERHEADS.

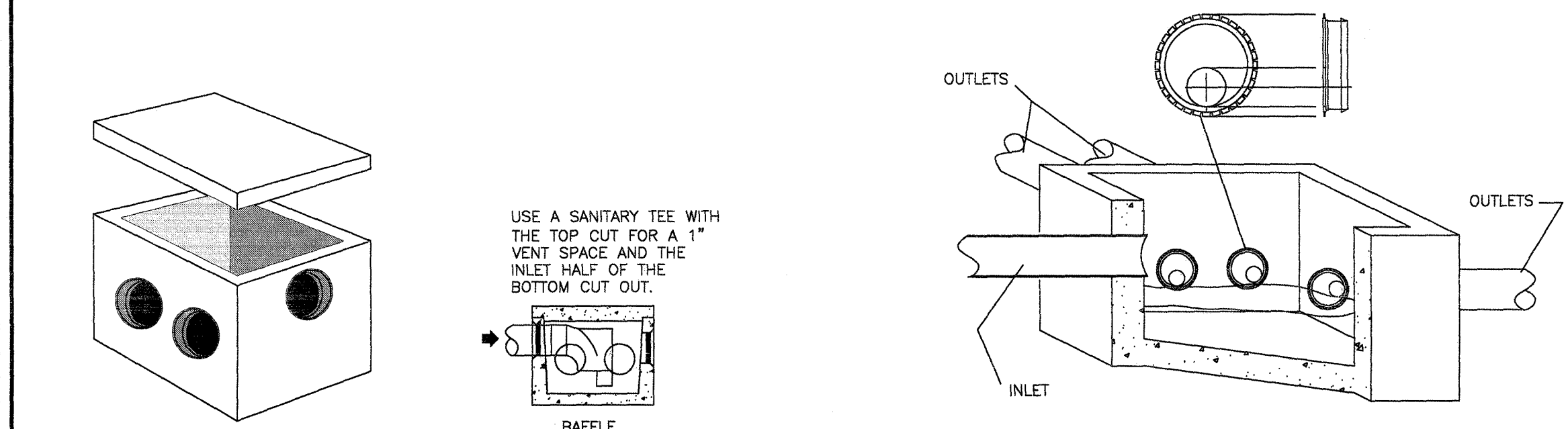
SDB	12/30/25	REVISED TO ADDRESS COMMENTS FROM P.B.
SDB	10/29/25	REVISED TO ADDRESS COMMENTS FROM P.B.
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FUSCO ENGINEERING & LAND SURVEYING, D. P.C. CONSULTING ENGINEERS		
233 EAST MAIN ST. MIDDLETOWN, NY 10940 PHONE: (845) 344-5863 FAX: (845) 956-5865		
SEAL:	DRAWING TITLE:	
SEPTIC DETAILS SUBDIVISION OF PROPERTY FOR SUNSET RIDGE		
TOWN OF MOUNT HOPE RECORD OWNER:	APPROVED BY: AAF	SCALE: N.T.S.
TODD LYONS LIVING TRUST 523 OLD MOUNTAIN RD OTISVILLE, N.Y. 10963	DESIGNED BY: AAF	REVISION DATE: 12/30/25
	DRAWN BY: SDB	DATE: 7/18/25
		REFERENCE NUMBER: 25-080
		SHEET NUMBER: 4
		PAGE 4 OF 10



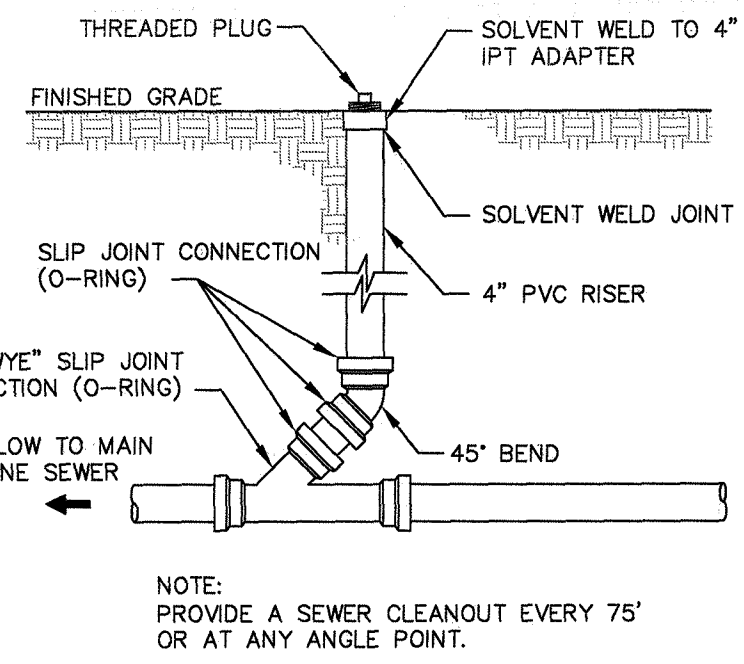
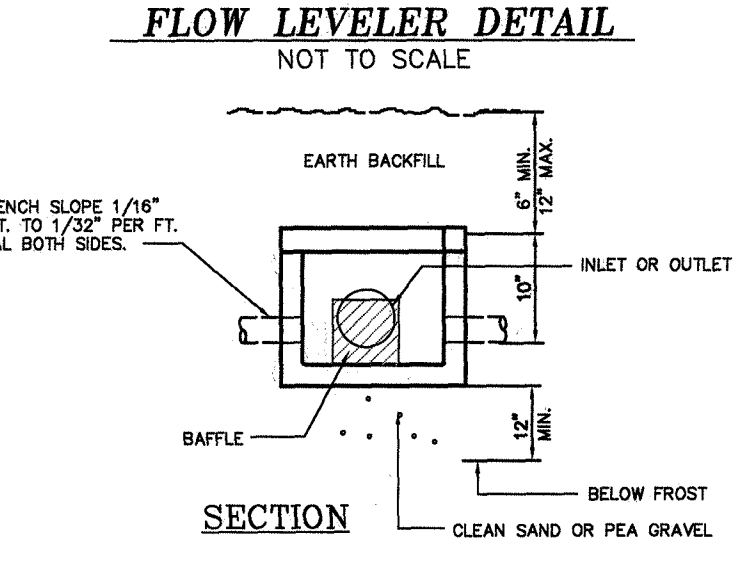
- SEPTIC SYSTEM NOTES:**
1. ALL SEWAGE DISPOSAL SYSTEMS ARE TO BE LOCATED AT LEAST 100 FEET FROM STREAMS AND AT LEAST 35 FEET FROM DRAINAGE EASEMENTS.
 2. NO MORE THAN ONE (1) SINGLE FAMILY DWELLING PER LOT.
 3. NO DRIVEWAYS OR PARKING AREAS ARE TO BE LOCATED OVER THE SEWAGE DISPOSAL SYSTEM.
 4. ALL TREES ARE TO BE CUT AND REMOVED FROM THE AREA OF THE SEWAGE DISPOSAL SYSTEM IN A MANNER THAT WILL NOT SIGNIFICANTLY DISTURB THE VIRGIN SOIL. NO REPLACEMENT TREES MAY BE INSTALLED WITHIN 10' OF THE SEPTIC DISPOSAL SYSTEM.
 5. NO ROOF, CELLAR, OR FOOTING DRAINS ARE TO BE DISCHARGED INTO THE AREA OF THE SEWAGE DISPOSAL SYSTEM, OR TOWARD THE WELL.
 6. WATER SAVING DEVICES ARE TO BE USED ON ALL WATER FIXTURES.
 7. SEPTIC TANKS SHALL BE PRECAST CONCRETE AND SHALL BE MANUFACTURED TO WOODARD'S CONCRETE PRODUCTS SPECIFICATIONS, OR AN APPROVED EQUAL.
 8. SEWAGE DISPOSAL SYSTEMS MUST BE DESIGNED BY, LAID OUT IN THE FIELD, SUPERVISED AND INSPECTED DURING CONSTRUCTION AND CERTIFIED AS COMPLETE IN ACCORDANCE WITH THE APPROVED PLANS AND NEW YORK STATE STANDARDS BY A PROFESSIONAL ENGINEER LICENSED IN NEW YORK STATE.
 9. THIS SEPTIC DISPOSAL SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, JACUZZI TYPE SPA TUBS (OVER 100 GAL.) OR WATER SOFTENERS. AS SUCH THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SEPTIC DISPOSAL SYSTEM IS REDESIGNED AND RE-APPROVED BY THE ORANGE COUNTY HEALTH DEPT. TO ACCOUNT FOR THEM.
 10. NO GRADING CUTS ARE TO BE MADE IN THE AREA OF THE SEWAGE DISPOSAL SYSTEM. NO FILL IS TO BE PLACED IN THE AREA OF THE SEWAGE DISPOSAL SYSTEM, UNLESS SO INDICATED ON THE PLANS.
 11. PROPOSED SEWER LATERALS ARE TO BE LAID OUT AND CONSTRUCTED PARALLEL WITH EXISTING GROUND CONTOURS.
 12. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELD EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF THE CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING, OR AFTER CONSTRUCTION SO AS TO AVOID ANY UNDUKE COMPACTION THAT COULD RESULT IN A CHANGE OF THE ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.
 13. THE DESIGN OF THE SANITARY FACILITIES (WELL AND SEPTIC SYSTEM) SHALL NOT BE CHANGED OR RELOCATED FROM THE APPROVED PLAN WITHOUT PRIOR APPROVAL FROM THE TOWN OF BUILDING DEPARTMENT BOARD AND A RE-DESIGN BY A N.Y.S. LICENSED ENGINEER.
 14. SEPTIC SYSTEMS SHALL NOT BE LOCATED IN AREAS THAT EXCEED 15% IN SLOPE.
 15. THE PURCHASER OF THE LOT SHALL BE SUPPLIED WITH A COPY OF THE APPROVED PLANS AND AN ACCURATE AS-BUILT PLAN OF ALL EXISTING SANITARY FACILITIES.
 16. NO SWIMMING POOLS, DRIVEWAYS, OR ANY OTHER STRUCTURE THAT CAN COMPACT THE SOIL SHALL NOT BE LOCATED OVER ANY PORTION OF ABSORPTION FIELD.
 17. THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE HOUSE, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
 18. A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SHALL INSPECT THE SANITARY FACILITIES (WATER SUPPLY AND WATER TREATMENT, AND SEWAGE DISPOSAL FACILITIES) AT THE TIME OF CONSTRUCTION. PRIOR TO OCCUPANCY OF THE HOUSE, THE ENGINEER SHALL CERTIFY TO THE ORANGE COUNTY HEALTH DEPARTMENT AND THE LOCAL CODE ENFORCEMENT OFFICER THAT THE FACILITIES ARE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT ALL SEPTIC TANK JOINTS ARE SEALED AND TESTED FOR WATER TIGHTNESS.
 19. INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED FOR HOUSEHOLD DOMESTIC PURPOSES WHEN PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO THE PUBLIC SEWAGE SYSTEM IS REQUIRED WITHIN ONE YEAR OF THE SYSTEM BECOMING AVAILABLE.
 20. THIS PROPERTY IS NOT LOCATED WITHIN A PUBLIC WATER SUPPLY WATERSHED.
 21. SEPTIC TANKS SHOULD BE INSPECTED ANNUALLY AND PUMPED EVERY 2-3 YEARS.
 22. DISTRIBUTION BOXES SHOULD BE INSPECTED ANNUALLY TO ENSURE THAT THEY ARE LEVEL AND OPERATING PROPERLY. ALL UNUSED OUTLETS WILL BE PLUGGED AND SEALED WITH NON-SHRINK GROUT.
 23. THIS SHEET IS INCOMPLETE AND INVALID UNLESS ACCOMPANIED BY EACH OTHER SHEET OF THIS SET.
 24. PLANS ARE INCOMPLETE/INVALID WITHOUT THE ENGINEER'S SEAL AND SIGNATURE.

SPECIFICATIONS	PRECAST SEPTIC TANKS
Concrete Minimum Strength: 4,000 psi at 28 days Reinforcement: #4 bar gr. 60, Forte Ferro 5 lb/cy Air Entrainment: 6% Construction Joint: Butyl Rubber Sealant Pipe Connection: Polylok Seal (patented) Weight = 8,700 lbs for Model ST-1000 Weight = 9,500 lbs for Model ST-1250 Load Rating: 300 psf	MODEL ST-1000 / 1000 GALLONS Woodard's Concrete Products, Inc. 629 Lybolt Road, Bullville, NY 10915 (845) 361-3471 Fax 361-1050

SPECIFICATIONS	PRECAST SEPTIC TANKS
Concrete Minimum Strength: 4,000 psi at 28 days Reinforcement: 6"x6"x10ga. Wire Mesh, #4 Rebar Air Entrainment: 5% Construction Joint: Butyl Rubber Sealant Pipe Connection: Polylok Seal (patented) Load Rating: 300 psf Weight = 8,700 lbs for Model ST-1000 Weight = 9,500 lbs for Model ST-1250	MODEL ST-1250 / 1250 GALLONS Woodard's Concrete Products, Inc. 629 Lybolt Road, Bullville, NY 10915 (845) 361-3471 Fax 361-1050

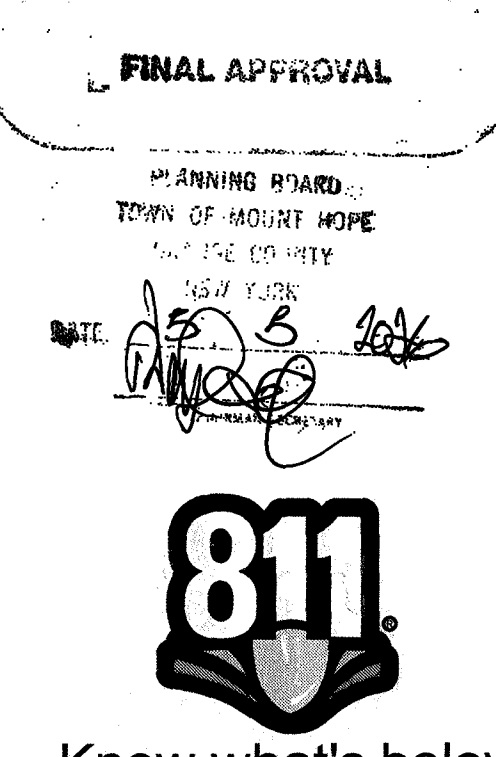


- NOTES:**
1. FLOW EQUALIZATION DEVICES ARE TO BE USED ON AT THE OUTLET PIPES OF THE DISTRIBUTION BOX, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 2. DISTRIBUTION BOXES SHOULD BE EXAMINED BETWEEN 6 TO 12 MONTHS AFTER THEY ARE INSTALLED TO DETERMINE IF THEY REMAIN LEVEL AND, IF NECESSARY, TO MAKE ADJUSTMENTS.
 3. FLOW LEVELERS SHALL NOT COMPENSATE FOR MORE THAN 1-1/4 INCH DIFFERENCE IN PIPE ELEVATIONS. IN THIS CASE, THE CAUSE OF ELEVATION DIFFERENCES IS TO BE CORRECTED AND THE FLOW LEVELERS AGAIN INSTALLED AND ADJUSTED.



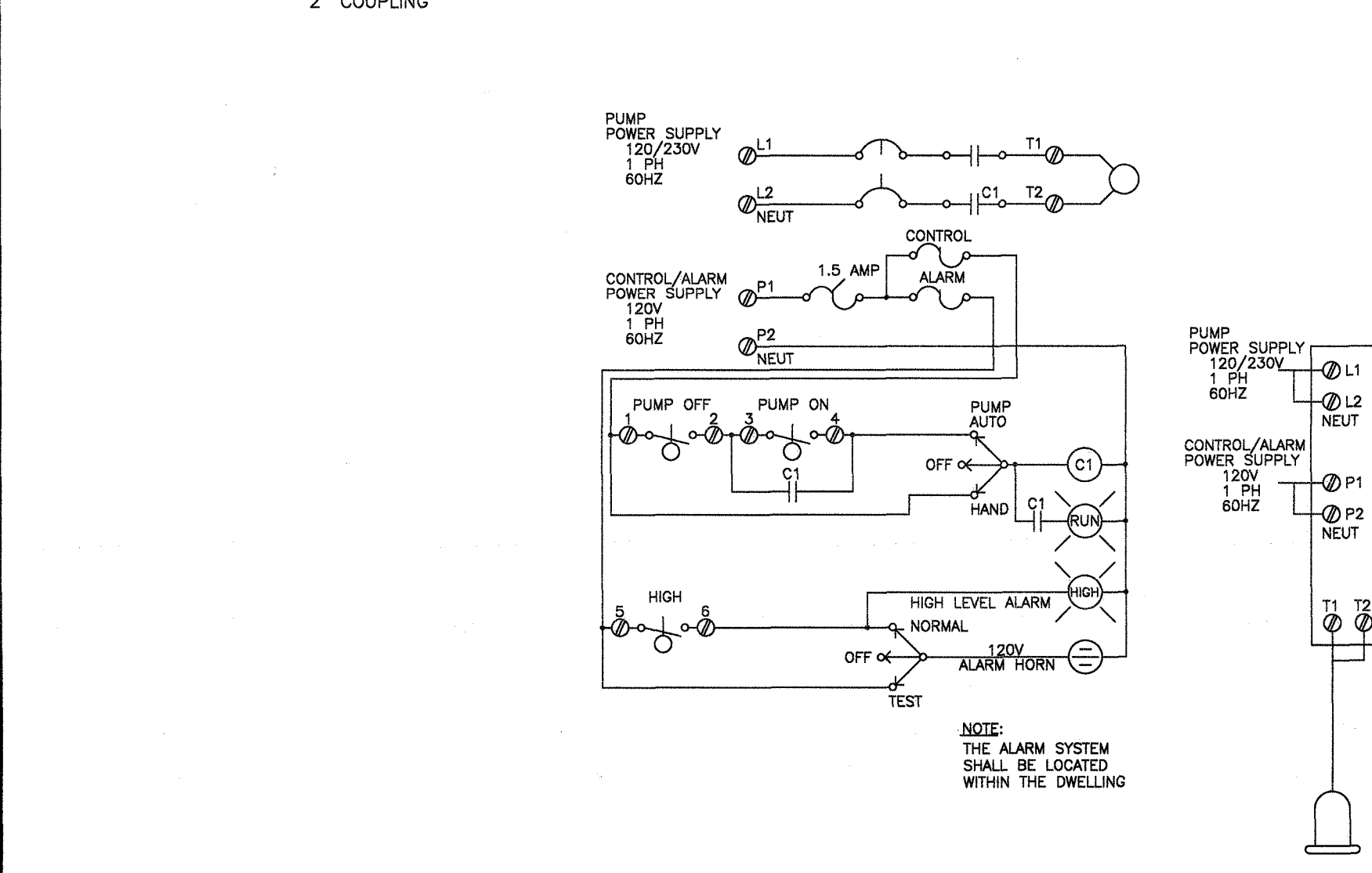
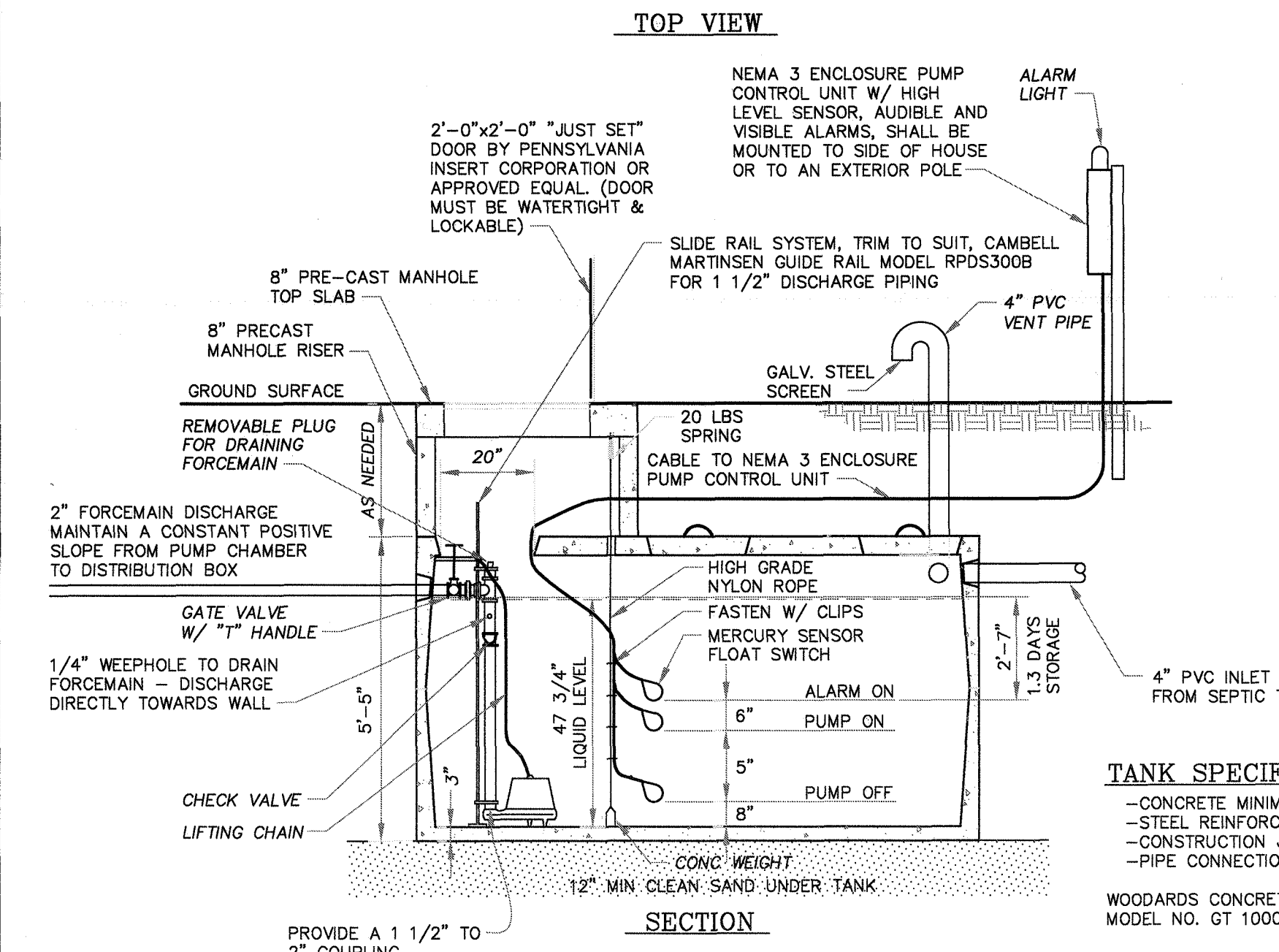
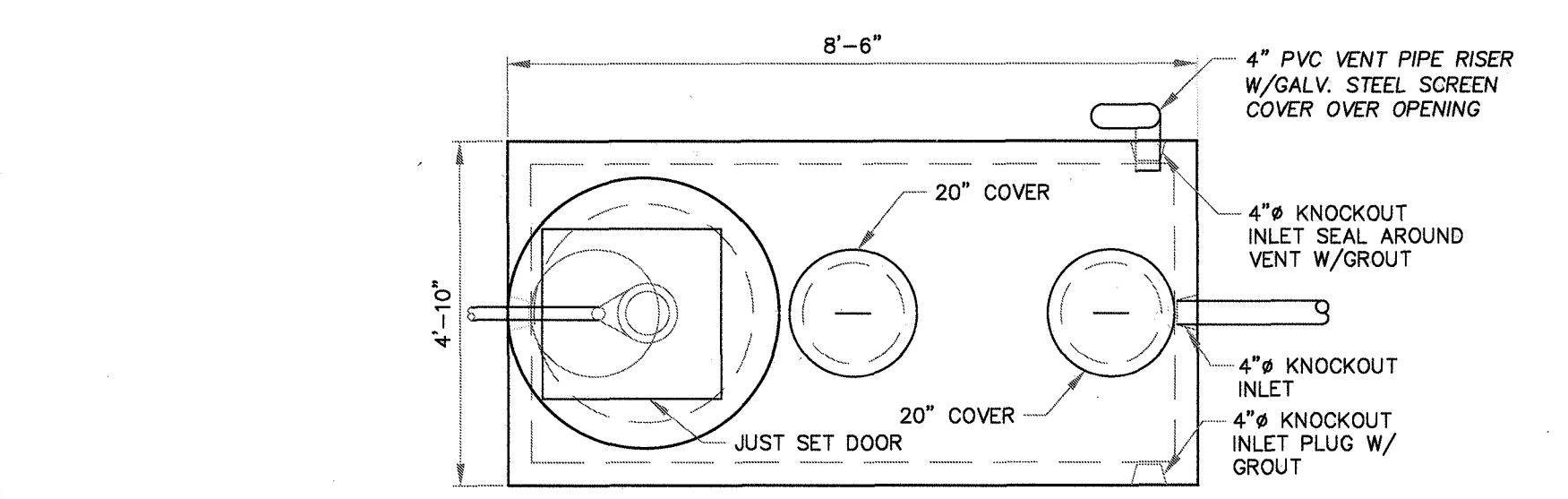
NOTE:
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Map Dec 21 Sheet 5010
Free On Site
ORANGE COUNTY CLERK'S OFFICE



Know what's below.
Call before you dig.

SDB	12/30/25	REVISED TO ADDRESS COMMENTS FROM P.B.
SDB	10/29/25	REVISED TO ADDRESS COMMENTS FROM P.B.
SDB	9/26/25	PRELIMINARY PLAN
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FUSCO ENGINEERING & LAND SURVEYING, D. P.C. CONSULTING ENGINEERS		
233 EAST MAIN ST. MIDDLETOWN, NY 10940 PHONE: (845) 344-5863 FAX: (845) 956-5865		
SEAL:	DRAWING TITLE:	SEPTIC & WELL DETAILS
SUBDIVISION OF PROPERTY FOR SUNSET RIDGE		
TOWN OF MOUNT HOPE RECORD OWNER:	APPROVED BY: AAF DESIGNED BY: AAF DRAWN BY: SDB	SCALE: N.T.S. REVISION DATE: 12/30/25 DATE: 7/18/25
TODD LYONS LIVING TRUST 523 OLD MOUNTAIN RD OTISVILLE, N.Y. 10963	STATE OF NEW YORK COUNTY OF ORANGE REFERENCE NUMBER: 25-080 SHEET NUMBER: 5 PAGE 5 OF 10	



EJECTOR NOTES:

- SEWAGE EJECTORS SHALL BE A COMPLETE PACKAGED SYSTEM, INCLUDING SUBMERSIBLE SEWER PUMP, MERCURY LEVEL CONTROL SWITCHES AND CHECK VALVE.
- USE GOULDS WE 3885 SERIES, MODEL WE03L.
- PUMP SHALL HAVE ANTI CLOG, SEMI OPEN IMPELLER, A 1 1/2" DISCHARGE TO A 2" COUPLING, 30 GPM CAPACITY AND HANDLE 3/4" DIAMETER SOLIDS.
- POWER CABLE FROM HOUSE SHALL BE UNDERGROUND TYPE 12-2 ROMEX UF AND TERMINATE IN POST OR HOUSE MOUNTED WEATHER PROOF JUNCTION BOX.
- PUMP CALCULATION:
GOULDS 1/3 HP PUMP @ 13.2 TDH = 32 GPM
REQUIRED PUMP VOLUME:
24 ELIEN MATS x 4 GALLONS PER MAT = 96 GAL.
FORCE MAIN VOLUME FOR 115 L.F. 2" PVC = 28.2 GAL.
TOTAL = 124.2 GAL.
124.2 GAL (75-85% TILE FIELD) = 94-106 GALLONS/CYCLE
- STORAGE CALCULATION:
8'-0"(L)x4'-4"(W)x2'-7"(D) = 89.54 CF STORAGE
89.54 CF @ 7.48 GAL PER CF = 670 GAL STORAGE
670 GAL STORAGE/440 GPD = 1.52 DAYS STORAGE
ACTUAL PUMPING VOLUME:
8'-0"(L)x4'-4"(W)x0'-5"(D) = 14.5 CF x 7.48 CF/GALLON OR 108.46 GALLONS/CYCLE

GIVEN:
DB ELEVATION: 928.6
PUMP ELEVATION: 908.0
PUMPING DISTANCE: 165 L.F.
FRICTION LOSS 2" PVC: 6.6 L.F.
TDH: 27.2
USE GOULDS WE 3885 SERIES, MODEL WE03L

TANK SPECIFICATIONS:

- CONCRETE MINIMUM STRENGTH: 4,000 P.S.I. AT 28 DAYS.
- STEEL REINFORCEMENT: 6" X 6" X 10 GAUGE WIRE MESH.
- CONSTRUCTION JOINT: SEALED WITH BUTYL RUBBER BASE CEMENT.
- PIPE CONNECTION: "POLY - LOC SEAL", PATENT PENDING.

WOODARDS CONCRETE PRODUCTS - CONCRETE GREASE TRAP MODEL NO. GT 1000 (1000 GALLONS)

* INDICATES PERCOLATION TESTING WITNESSED BY THE TOWN ENGINEERS OFFICE ON SEPT. 10, 2025

SEWAGE DISPOSAL DESIGN CRITERIA														
LOT NUMBER	DATE	TEST NO.	RUN 1	RUN 2	RUN 3	RUN 4	RUN 5	DEPTH OF HOLE (IN.)	STABILIZED RATE (MIN.)	DESIGN RATE (MIN.)	DESIGN MINIMUM TRENCH LENGTH			
											3 BEDROOM HOUSE		4 BEDROOM HOUSE	
											MINIMUM	PROVIDED	MINIMUM	PROVIDED
1	5/1/25	1	10:27	12:04	13:23	13:31	N/A	24"	13:31	11-15	72 L.F.	72 L.F. (2 LINES AT 36 LF)	92 L.F.	96 L.F. (2 LINES AT 48 LF)
	5/16/25	2	1:02	1:51	2:10	3:05	N/A	24"	3:05					
	9/10/25	3*	2:41	3:18	3:32	N/A	N/A	24"	3:32					
2	5/1/25	1	3:05	7:29	8:20	N/A	N/A	24"	8:20	11-15	72 L.F.	72 L.F. (2 LINES AT 36 LF)	92 L.F.	96 L.F. (2 LINES AT 48 LF)
	5/16/25	2	0:31	0:42	0:51	1:03	N/A	24"	1:03					
	9/10/25	3*	3:16	4:02	4:57	5:59	6:49	24"	1:03					
3	5/1/25	1	4:32	6:38	6:53	N/A	N/A	24"	6:53	16-20	80 L.F.	80 L.F. (2 LINES AT 40 LF)	108 L.F.	108 L.F. (3 LINES AT 36 LF)
	5/1/25	2	6:42	8:12	13:27	14:14	N/A	24"	14:14					
	9/10/25	3*	8:24	9:50	13:42	16:02	16:57	24"	16:57					
4	EXISTING DWELLING													
5	5/1/25	1	5:53	6:03	6:25	N/A	N/A	24"	6:25	11-15	72 L.F.	72 L.F. (2 LINES AT 36 LF)	92 L.F.	96 L.F. (3 LINES AT 32 LF)
	5/1/25	2	28:31	30:51	33:31	35:07	NOT USED BELOW SYSTEM							
	9/10/25	3*	00:46	00:51	00:55	1:00	1:03	24"	1:03					

DEEP SOILS LOGS: LOT 1

TEST PIT 1	TEST PIT 2
0 - GRADE	0 - GRADE
1 - TOPSOIL	1 - TOPSOIL
2 - SILTY SANDY LOAM WITH COBBLES	2 - SILTY SANDY LOAM WITH COBBLES
3 -	3 -
4 -	4 -
5 - (54" BEDROCK) (NO GROUNDWATER) (NO MOTTLING)	5 - (54" BEDROCK) (NO GROUNDWATER) (NO MOTTLING)
6 -	6 -
7 -	7 -
8 -	8 -

DEEP SOILS LOGS: LOT 2

TEST PIT 1	TEST PIT 2
0 - GRADE	0 - GRADE
1 - TOPSOIL	1 - TOPSOIL
2 - SILTY LOAM	2 - SILTY LOAM WITH COBBLES
3 -	3 -
4 - CLAY LOAM	4 -
5 -	5 -
6 -	6 - SANDY GRAVELLY LOAM
7 - (NO BEDROCK) (NO GROUNDWATER)	7 - (NO BEDROCK) (NO GROUNDWATER)
8 - (MOTTLING AT 48")	8 - (NO BEDROCK) (NO GROUNDWATER) (NO MOTTLING)

DEEP SOILS LOGS: LOT 3

TEST PIT 1	TEST PIT 2
0 - GRADE	0 - GRADE
1 - TOPSOIL	1 - TOPSOIL
2 - SILTY LOAM WITH COBBLES	2 -
3 -	3 - SILTY LOAM WITH COBBLES
4 - CLAY LOAM WITH COBBLES	4 -
5 -	5 -
6 -	6 -
7 - (NO BEDROCK) (NO GROUNDWATER) (NO MOTTLING)	7 - (NO BEDROCK) (NO GROUNDWATER) (NO MOTTLING)
8 -	8 -

DEEP SOILS LOGS: LOT 4

TEST PIT 1	TEST PIT 2
0 - GRADE	0 - GRADE
1 - TOPSOIL	1 - TOPSOIL
2 - SILT LOAM	2 -
3 -	3 - SILT LOAM
4 - SANDY LOAM WITH COBBLES	4 -
5 -	5 -
6 -	6 - (NO BEDROCK) (NO GROUNDWATER)
7 - (NO BEDROCK) (NO GROUNDWATER)	7 - (NO BEDROCK) (NO GROUNDWATER) (NO MOTTLING)
8 -	8 -

ALL TESTS PERFORMED SEPT 10, 2025 & WITNESSED BY THE TOWN ENGINEERS OFFICE.

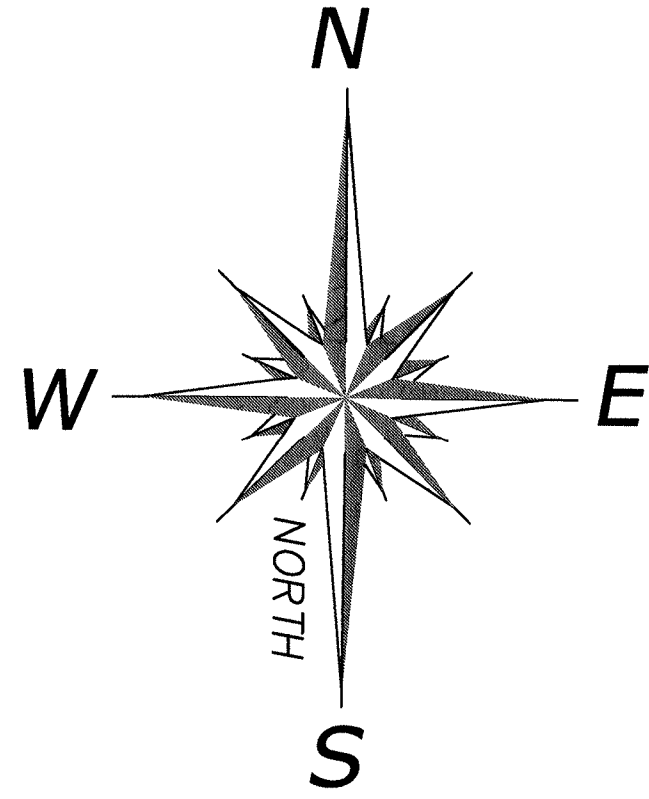
Map # 2025-010
Filed On 9/10/2025
ORANGE COUNTY CLERK'S OFFICE

FINAL APPROVAL
PLANNING BOARD
TOWN OF MOUNT HOPE
DATE: 9/10/2025

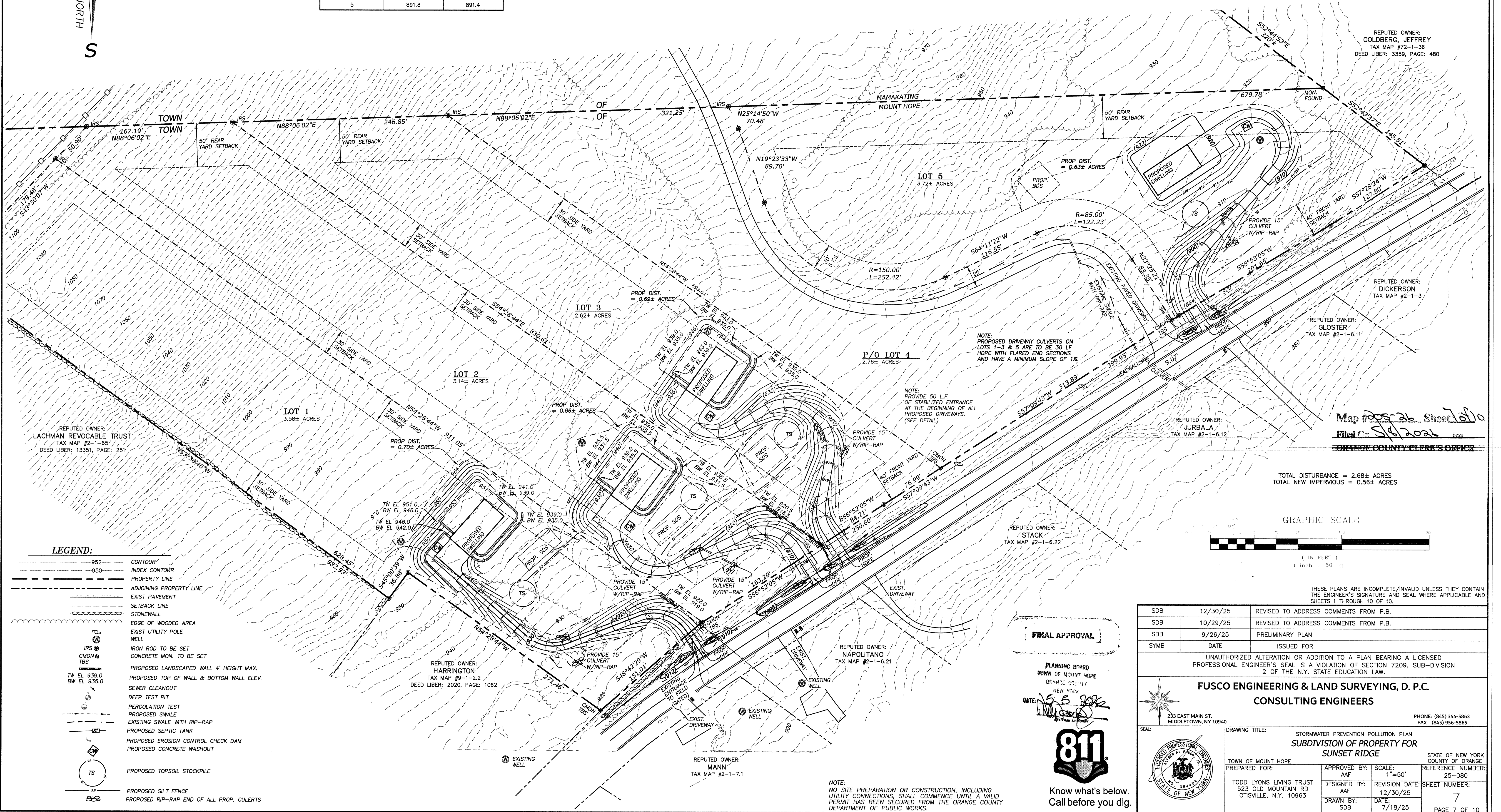
SDB	12/30/25	REVISED TO ADDRESS COMMENTS FROM P.B.
SDB	10/29/25	REVISED TO ADDRESS COMMENTS FROM P.B.
SDB	9/26/25	PRELIMINARY PLAN
SYMB	DATE	ISSUED FOR
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.		
FUSCO ENGINEERING & LAND SURVEYING, D. P.C. CONSULTING ENGINEERS 233 EAST MAIN ST. MIDDLETOWN, NY 10940 PHONE: (845) 344-5863 FAX: (845) 956-5865		
SEAL: 	DRAWING TITLE: SOILS TESTING AND PUMP DETAILS SUBDIVISION OF PROPERTY FOR SUNSET RIDGE TOWN OF MOUNT HOPE RECORD OWNER: TODD LYONS LIVING TRUST 523 OLD MOUNTAIN RD OTISVILLE, N.Y. 10963	
APPROVED BY: AAF DESIGNED BY: AAF DRAWN BY: SDB	SCALE: N.T.S. REVISION DATE: 12/30/25 DATE: 7/18/25	STATE OF NEW YORK COUNTY OF ORANGE REFERENCE NUMBER: 25-080 SHEET NUMBER: 6 PAGE 6 OF 10

811
Know what's below.
Call before you dig.

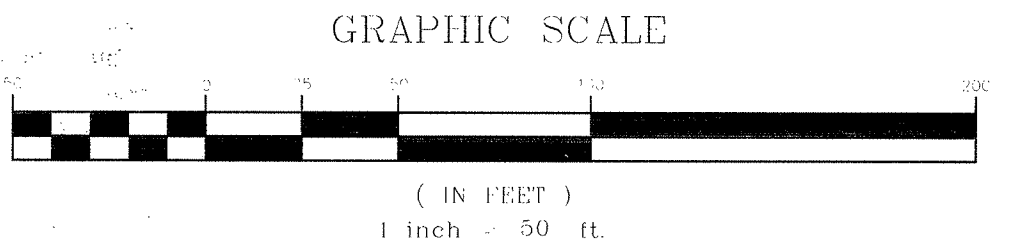
NOTE:
NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS.



CULVERTS IN COUNTY R-O-W		
LOT NO. (DRIVEWAY)	INLET INVERT	OUTLET INVERT
1	911.0	910.6
2	906.0	905.6
3	904.3	903.9
4	EXISTING	
5	891.8	891.4



- LEGEND:**
- 952 CONTOUR
 - 950 INDEX CONTOUR
 - PROPERTY LINE
 - ADJOINING PROPERTY LINE
 - EXIST PAVEMENT
 - SETBACK LINE
 - STONEWALL
 - EDGE OF WOODED AREA
 - EXIST UTILITY POLE
 - WELL
 - IRON ROD TO BE SET
 - CONCRETE MON. TO BE SET
 - PROPOSED LANDSCAPED WALL 4' HEIGHT MAX.
 - PROPOSED TOP OF WALL & BOTTOM WALL ELEV.
 - SEWER CLEANOUT
 - DEEP TEST PIT
 - PERCOLATION TEST
 - PROPOSED SWALE
 - EXISTING SWALE WITH RIP-RAP
 - PROPOSED SEPTIC TANK
 - PROPOSED EROSION CONTROL CHECK DAM
 - PROPOSED CONCRETE WASHOUT
 - PROPOSED TOPSOIL STOCKPILE
 - PROPOSED SILT FENCE
 - PROPOSED RIP-RAP END OF ALL PROP. CULVERTS



TOTAL DISTURBANCE = 2.68± ACRES
TOTAL NEW IMPERVIOUS = 0.56± ACRES

Map # 202-26 Sheet 1 of 10
Filed 12/30/25
ORANGE COUNTY CLERK'S OFFICE

THESE PLANS ARE INCOMPLETE/INVALID UNLESS THEY CONTAIN THE ENGINEER'S SIGNATURE AND SEAL WHERE APPLICABLE AND SHEETS 1 THROUGH 10 OF 10.

SDB	12/30/25	REVISED TO ADDRESS COMMENTS FROM P.B.
SDB	10/29/25	REVISED TO ADDRESS COMMENTS FROM P.B.
SDB	9/26/25	PRELIMINARY PLAN
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FUSCO ENGINEERING & LAND SURVEYING, D. P.C. CONSULTING ENGINEERS		
233 EAST MAIN ST. MIDDLETOWN, NY 10940		
PHONE: (845) 344-5863 FAX: (845) 956-5865		
DRAWING TITLE: STORMWATER PREVENTION POLLUTION PLAN SUBDIVISION OF PROPERTY FOR SUNSET RIDGE		
TOWN OF MOUNT HOPE	APPROVED BY: AAF	SCALE: 1"=50'
PREPARED FOR: TODD LYONS LIVING TRUST 523 OLD MOUNTAIN RD OTISVILLE, N.Y. 10963	DESIGNED BY: AAF	REVISION DATE: 12/30/25
	DRAWN BY: SDB	DATE: 7/18/25
		SHEET NUMBER: 7
		PAGE 7 OF 10

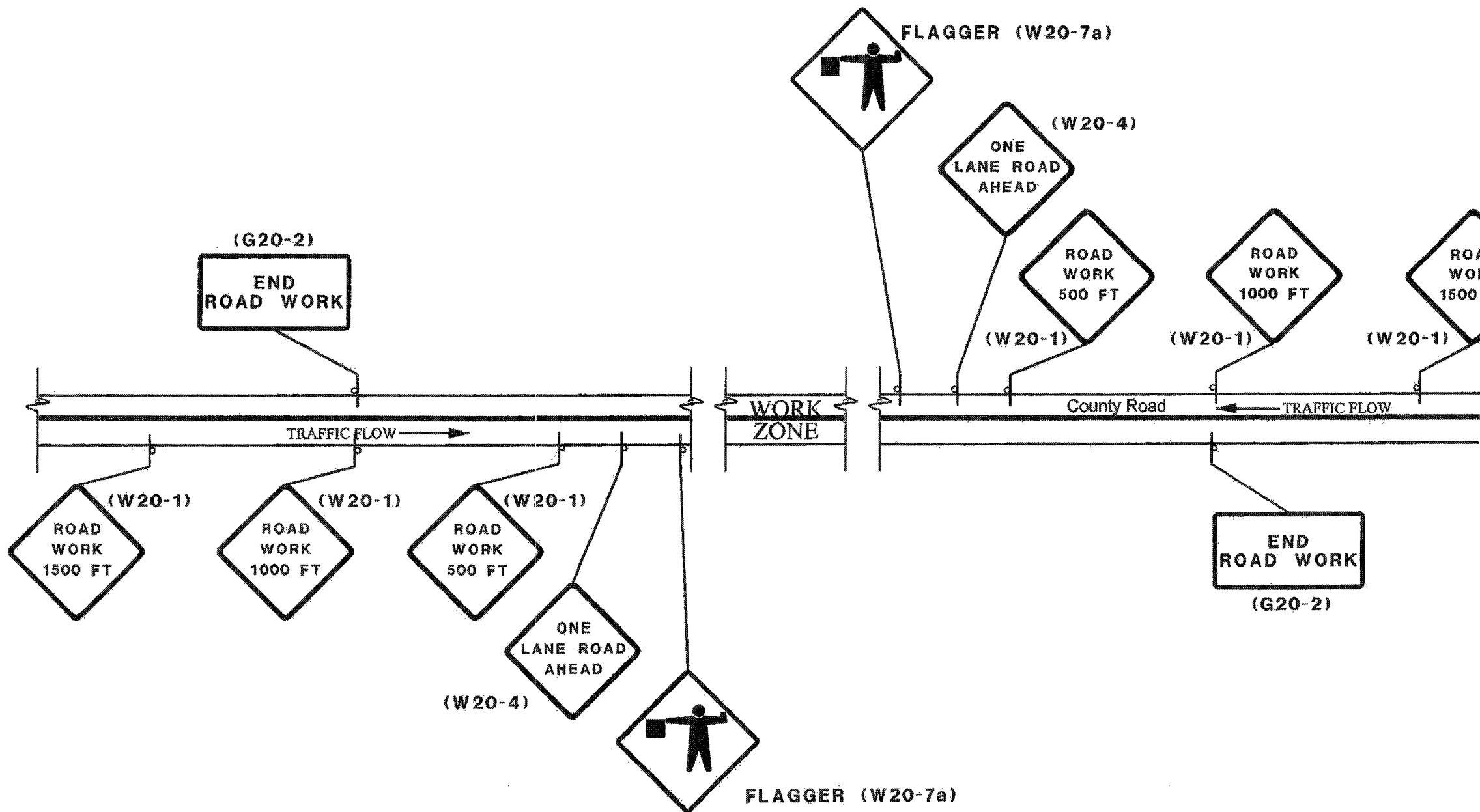
FINAL APPROVAL

PLANNING BOARD
TOWN OF MOUNT HOPE
ORANGE COUNTY
NEW YORK

DATE: 12/30/25
BY: [Signature]



NOTE:
NO SITE PREPARATION OR CONSTRUCTION, INCLUDING
UTILITY COIN COMMENCE UNTIL A VALID
PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY
DEPARTMENT OF PUBLIC WORKS.



- NOTES:**
- WORK ZONE PROTECTION IS REQUIRED AND SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.), NEW YORK STATE SUPPLEMENT, AND ANY OTHER COUNTY REQUIREMENTS.
 - 36" x 36" CLASS B "HIGH INTENSITY" SHEETING (OR BETTER) SIGNS.
 - 7 FT. SIGN HEIGHT.
 - IF FLAGGER & ONE LANE ROAD AHEAD SIGNS ARE NOT PORTABLE, SIGNS ARE TO BE COVERED AT THE END OF EACH WORK DAY.

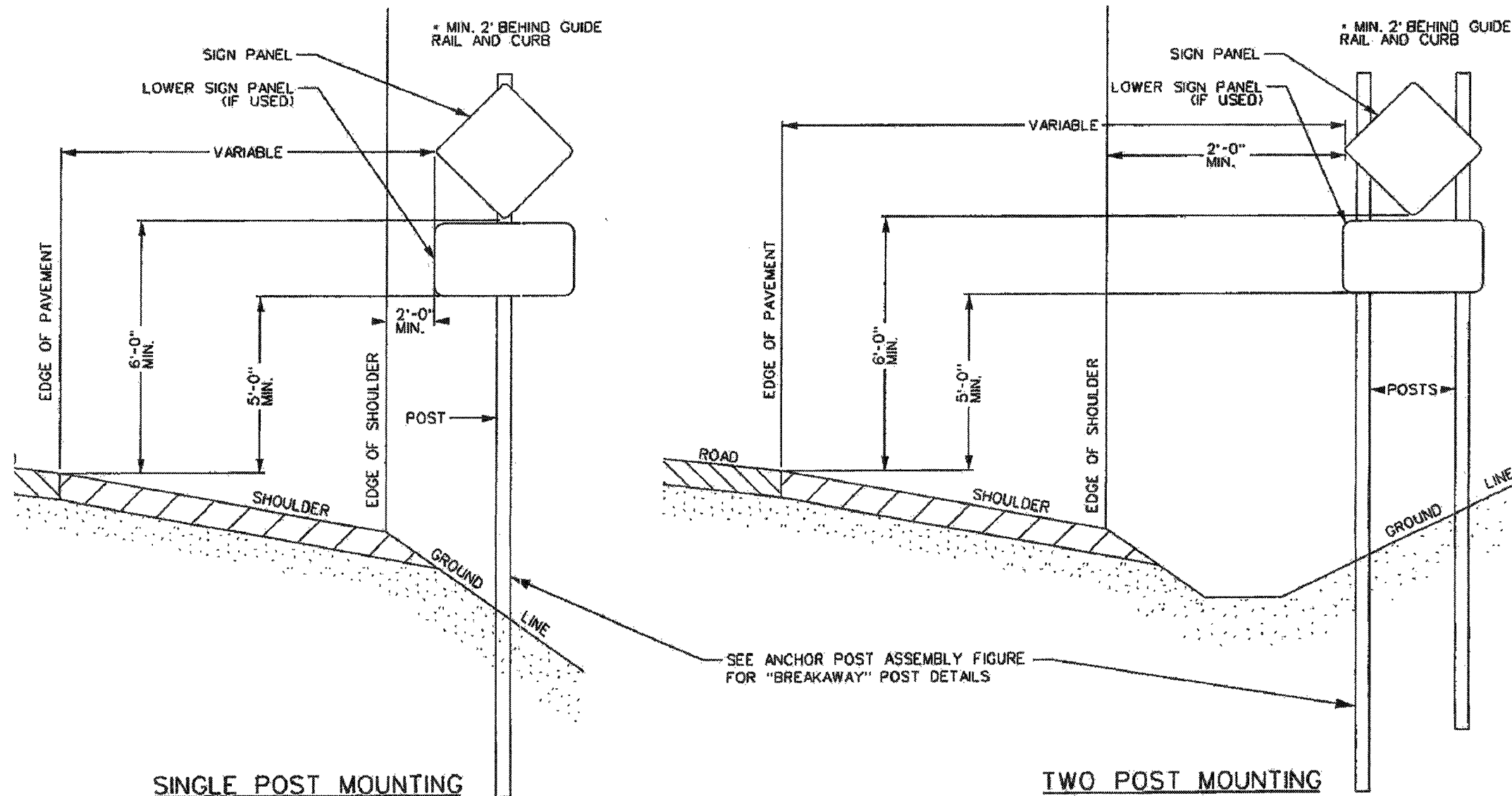
ORANGE COUNTY WORK ZONE

NOT TO SCALE

ORANGE COUNTY DPW NOTES:

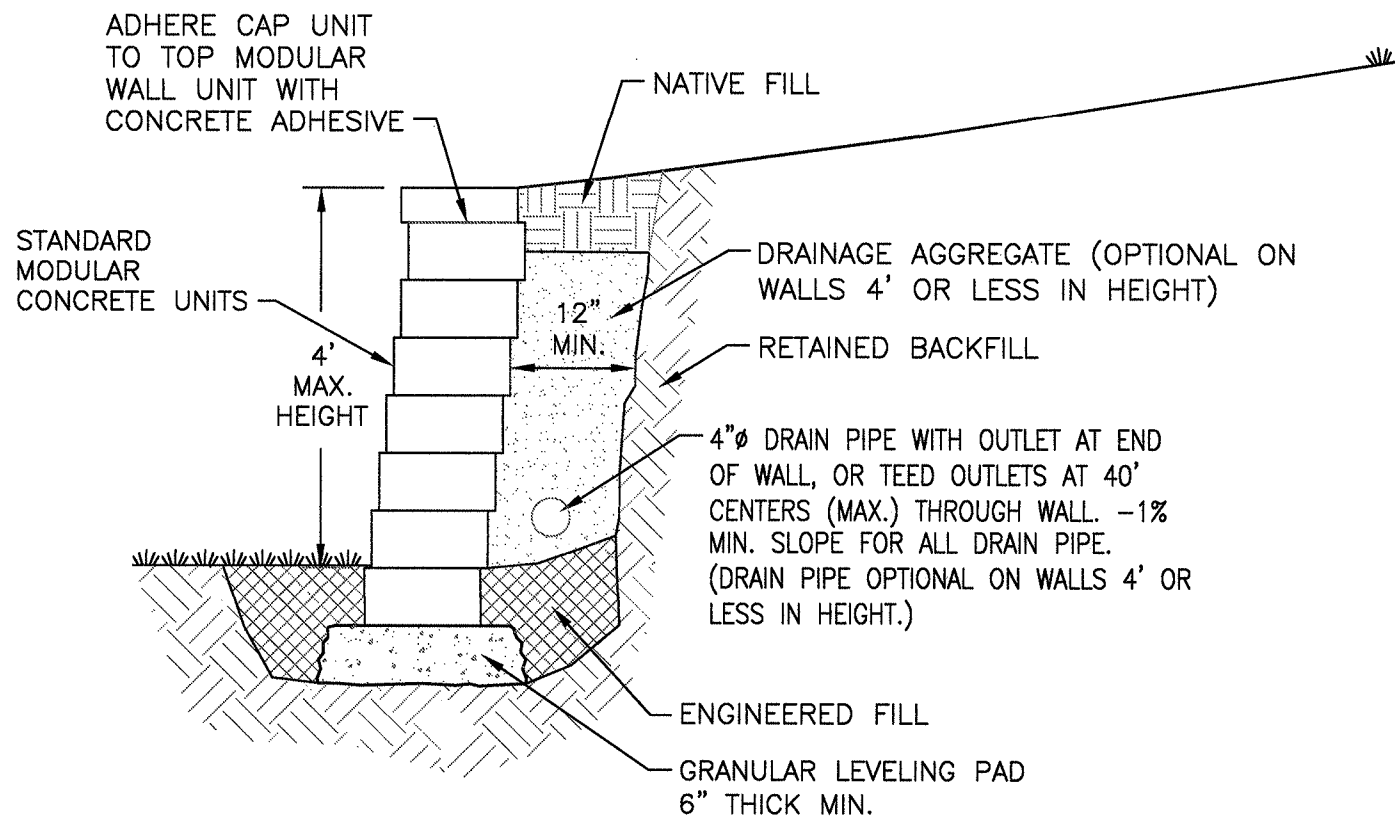
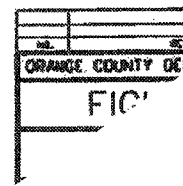
ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS STANDARD NOTES (FOR HIGHWAY WORK, SITE PLANS AND SUBDIVISIONS)

1. NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.
2. NO UTILITY WORK (WATER, SEWER, STORM DRAINAGE) IS ALLOWED TO BE PERFORMED WITHIN THE COUNTY RIGHT-OF-WAY BETWEEN NOVEMBER 15 AND MARCH 15.
3. NO LANE CLOSURES WILL BE PERMITTED BETWEEN 12:00 NOON ON THE DAY PRIOR TO A HOLIDAY AND 10:00 AM ON THE DAY AFTER A HOLIDAY. NO WORK IS PERMITTED ON HOLIDAYS AS PER ORANGE COUNTY'S APPROVED HOLIDAY SCHEDULE.
4. ORANGE COUNTY RESERVES THE RIGHT TO PRECLUDE ALL WORK AND LANE CLOSURES DURING ANY INCLEMENT WEATHER OR OTHER UNFORESEEN CIRCUMSTANCES (I.E. WET, ICY CONDITIONS, REDUCED VISIBILITY, TRAFFIC ACCIDENTS ON STATE, COUNTY, TOWN OR VILLAGE ROADS) OR DURING ANY OTHER EMERGENCIES.
5. NO TRACK EQUIPMENT IS ALLOWED ON THE COUNTY ROAD WITHOUT PLACING MATS, PLYWOOD, TIRES, ETC., TO PROTECT THE ASPHALT ROAD.
6. NO OPEN TRENCHES ARE ALLOWED TO REMAIN OPEN OVERNIGHT WITHIN THE COUNTY RIGHT-OF-WAY. ALL TRENCHES ARE REQUIRED TO BE BACKFILLED ON A DAILY BASIS.
7. NO ROAD PLATES ARE ALLOWED TO BE USED OVERNIGHT. ROAD PLATES ARE ONLY ALLOWED TO BE USED DURING DAILY OPERATIONS TO MAINTAIN TRAFFIC THROUGH THE WORK ZONE.
8. OSHA REQUIREMENTS (29 CFR 1926) MUST BE ADHERED TO AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING ANY TRENCH OR EXCAVATION THAT IS GREATER THAN FIVE (5) FEET OR WHICH, IN THE OPINION OF THE OCPDW INSPECTOR IN THE FIELD, POSES A DANGER TO THE CONTRACTOR'S PERSONNEL ON THE JOB. THE CONTRACTOR HAS THE OPTION OF USING A PREFABRICATED SHORING SYSTEM, INSTALLING A TIMBER-CONSTRUCTED SYSTEM AS PER OSHA SPECIFICATIONS, OR A TIMBER SYSTEM DESIGNED AND STAMPED BY A PROFESSIONAL ENGINEER. NO OTHER SHORING SYSTEM WILL BE APPROVED FOR USE.
9. ALL BACKFILL IS REQUIRED TO BE PLACED AND COMPACTED IN TWELVE (12) INCH LIFTS, MAXIMUM.
10. A MECHANICAL SWEEPER MUST BE AVAILABLE AT ALL TIMES TO SWEEP AND MAINTAIN SAFE ROAD CONDITIONS ON THE COUNTY ROAD. THE ROADWAY SHALL BE SWEEPED DAILY OR AS OTHERWISE REQUIRED BY THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS.
11. FOR EXCAVATION WORK, THE FOLLOWING EQUIPMENT IS REQUIRED TO BE ON-SITE AND FULLY OPERATIONAL:
 - a. VIBRATORY TRENCH ROLLER - PRIMARY COMPACTION EQUIPMENT.
 - b. JUMPING JACK COMPACTOR - SECONDARY COMPACTION EQUIPMENT FOR USE IN TIGHT AREAS WHERE THE VIBRATORY TRENCH ROLLER CANNOT BE USED.
 - c. MECHANICAL SWEEPER
 - d. SIDE DUMP LOADER OR SKID STEER (I.E. BOBCAT)
 - e. ASPHALT ROLLER
 IF ANY OF THE ABOVE EQUIPMENT IS NOT OPERATIONAL, NO EXCAVATION SHALL BE PERFORMED UNTIL ALL EQUIPMENT IS FUNCTIONING PROPERLY.
12. ALL ASPHALT SHALL BE SAW-CUT PRIOR TO REMOVAL. CUTS SHALL BE PARALLEL OR PERPENDICULAR TO THE TRENCH OR TO THE EXISTING ASPHALT. RAGGED EDGES ARE NOT ACCEPTABLE AND MUST BE CUT OR RE-CUT PRIOR TO ANY PAVING (TEMPORARY OR PERMANENT). MILLING OUT THE RAGGED PAVEMENT EDGES PRIOR TO PLACING THE TOP COURSE OR FINAL ASPHALT WILL NOT BE ACCEPTED.
13. ALL DISTURBED PAVEMENT IS REQUIRED TO BE RESTORED ON A DAILY BASIS. ALL TEMPORARY ASPHALT IS REQUIRED TO BE FIVE (5) INCHES THICK AND PLACED IN TWO (2) LIFTS OF TWO AND A HALF (2 1/2) INCHES.
14. THE PERMITTEE, OR THEIR CONTRACTOR, IS RESPONSIBLE FOR MAINTAINING THE TEMPORARY ASPHALT FLUSH WITH THE SURROUNDING EXISTING PAVEMENT SURFACE THROUGHOUT THE DURATION OF THE PROJECT. MAINTENANCE SHALL BE COMPLETED DAILY OR AS OTHERWISE NECESSARY. FINAL ASPHALT RESTORATION IS TO BE COMPLETED AT THE END OF THE PROJECT.
15. ALL EDGES OF EXISTING ASPHALT ARE REQUIRED TO BE SWEEPED AND TACK COATED PRIOR TO PAVING.
16. ALL ASPHALT JOINTS ARE REQUIRED TO BE CRACK SEALED UPON COMPLETING FINAL PAVING.
17. NO PLANTINGS, SIGNS, OR LANDSCAPING FEATURES (TREES, SHRUBS, GATES, FENCES, STONE WALLS, STONE PILLARS, SIGNS, ETC.) SHALL BE PLACED WITHIN ANY COUNTY RIGHT-OF-WAY. NO STONES OR BOULDERS SHALL BE PLACED OR INSTALLED WITHIN ANY COUNTY RIGHT-OF-WAY FOR ANY PURPOSE (I.E. LANDSCAPING FEATURES, RETAINING STRUCTURES, OR TO CREATE A FLARE AT THE END OF A CULVERT).
18. ALL PROPOSED SIGNS, EXCEPT FOR HIGHWAY TRAFFIC SIGNS, ARE REQUIRED TO BE OFFSET FROM THE RIGHT-OF-WAY/FRONT PROPERTY BOUNDARY BY FOUR (4) FEET AND MUST BE FULLY CONTAINED ON PRIVATE PROPERTY. ALL PROPOSED FENCES, WALLS, GATES, AND LANDSCAPING FEATURES ARE REQUIRED TO BE OFFSET BY FIVE (5) FEET FROM THE PROPERTY BOUNDARY AND MUST BE FULLY CONTAINED ON, AND MAINTAINABLE FROM, PRIVATE PROPERTY.
19. ALL REQUIRED RIGHT-OF-WAY MONUMENTATION SHALL BE INSTALLED BY A PROFESSIONAL LAND SURVEYOR LICENSED TO PRACTICE IN THE STATE OF NEW YORK.
20. THE PERMITTEE, OR THEIR CONTRACTOR, IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ALL SIGNS, GUIDE RAILS, GUIDE POSTS, CULVERT PIPES, MAILBOXES, HEADWALLS, ETC. WHICH MUST BE REMOVED TO FACILITATE CONSTRUCTION. ALL ITEMS REMOVED SHALL BE REINSTALLED ON A DAILY BASIS. ANY ITEMS DAMAGED BY REMOVAL OR REPLACEMENT SHALL BE REPLACED WITH NEW AND REINSTALLED BY THE PERMITTEE.
21. THE PERMITTEE, OR THEIR CONTRACTOR, IS RESPONSIBLE FOR COORDINATION OF THEIR WORK WITH ADJACENT PROPERTY OWNERS, RESIDENTS AND BUSINESSES TO ENSURE THAT THEY CAN SAFELY ENTER AND EXIT THEIR DRIVEWAYS DURING THE COURSE OF DAY TO DAY OPERATIONS.
22. MAINTENANCE AND PROTECTION OF TRAFFIC IS REQUIRED TO BE PERFORMED IN ACCORDANCE WITH ORANGE COUNTY REQUIREMENTS. THE MORE STRINGENT SIGN REQUIREMENTS OF ORANGE COUNTY ARE IN ADDITION TO THE REQUIREMENTS DESCRIBED IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THE NEW YORK STATE SUPPLEMENT, LATEST EDITIONS AND REVISIONS.
23. ALL CONSTRUCTION SIGNS FOR THE MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE IN PLACE AND INSTALLED PRIOR TO STARTING ANY WORK. SIGNS SHALL BE INSTALLED ON BREAKAWAY POSTS OR "WIND-MASTER" SUPPORTS AND SHALL BE COVERED AND UNCOVERED ON A DAILY BASIS. IF A LANE HAS TO BE CLOSED TO PERFORM WORK, ALL NECESSARY SIGNS (SUCH AS "ONE LANE ROAD AHEAD" AND "FLAGGER" SYMBOL) FOR THE LANE CLOSURE MUST BE INSTALLED IN ADDITION TO THOSE SHOWN ON THE APPROVED MPT PLAN.
24. ALL CONSTRUCTION SIGNS ARE REQUIRED TO BE FABRICATED WITH ASTM TYPE III (CLASS B), HIGH INTENSITY, REFLECTIVE SHEETING CONFORMING TO SECTION 730-5.02 OF THE NYS DOT STANDARD SPECIFICATIONS.
25. FLAGGERS SHALL NOT CONTROL MORE THAN ONE APPROACH TO OR THROUGH A WORK ZONE AT ANY TIME. ONE FLAGGER FOR EACH TRAFFIC APPROACH IS REQUIRED AT ALL TIMES.
26. EIGHTEEN (18) INCH STOP/SLOW PADDLES ARE REQUIRED TO DIRECT TRAFFIC.
27. TWO-WAY RADIOS ARE REQUIRED FOR FLAGGERS TO COMMUNICATE WITH EACH OTHER.



WORK ZONE SIGNING

NOTE: ALL SIGNAGE SHALL CONFORM TO N.Y.S.D.O.C. "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD).

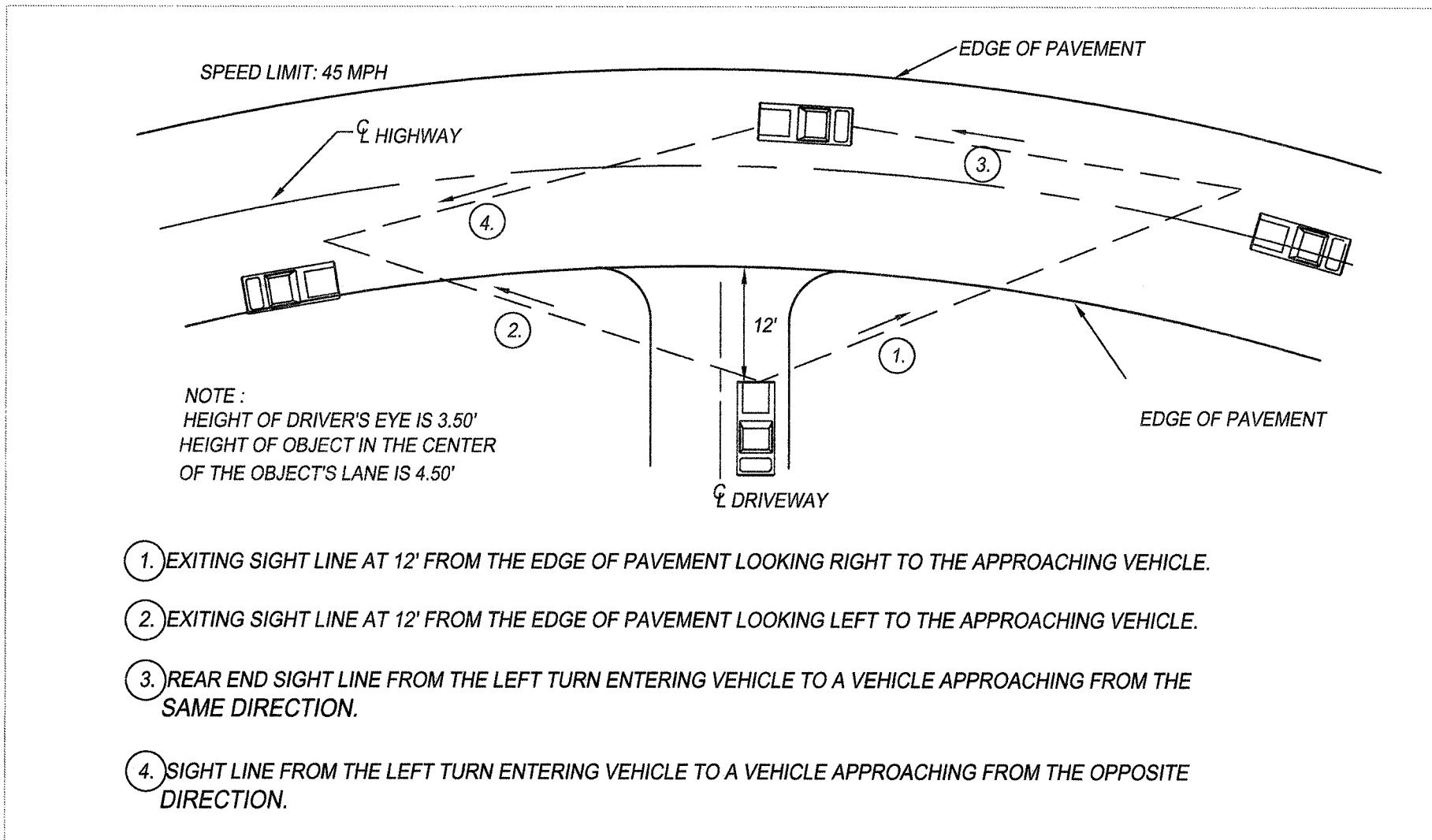


TYPICAL SECTION VIEW

MODULAR CONCRETE BLOCK RETAINING WALL

N.T.S.

(FOR RETAINING WALLS WITH MAXIMUM HEIGHT OF 4'-0" OR LESS ONLY)



SIGHT LINE CRITERIA DETAIL

NOT TO SCALE

POSTED SPEED LIMIT: 55 MPH

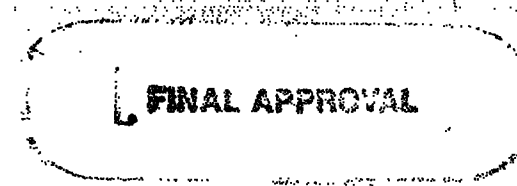
SIGHT LINE CRITERIA DISTANCE CHART				
LOT NO. (DRIVEWAY)	①	②	③	④
1	570'	600'	600'	635'
2	510'	515'	535'	525'
3	560'	505'	575'	525'
4	880'	625'	1005'	895'
5	575'	830'	600'	845'

NOTE: NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS.

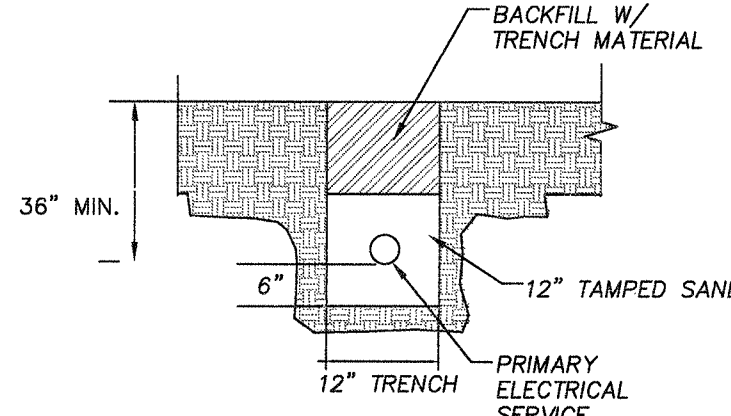


Know what's below.
Call before you dig.

Map 205-21 Sheet 1 of 10
Filed On 5/1/2006
ORANGE COUNTY CLERK'S OFFICE



PLANNING BOARD
TOWN OF MOUNT HOPE
ORANGE COUNTY
NEW YORK
DATE: 5/5/2006
[Signature]



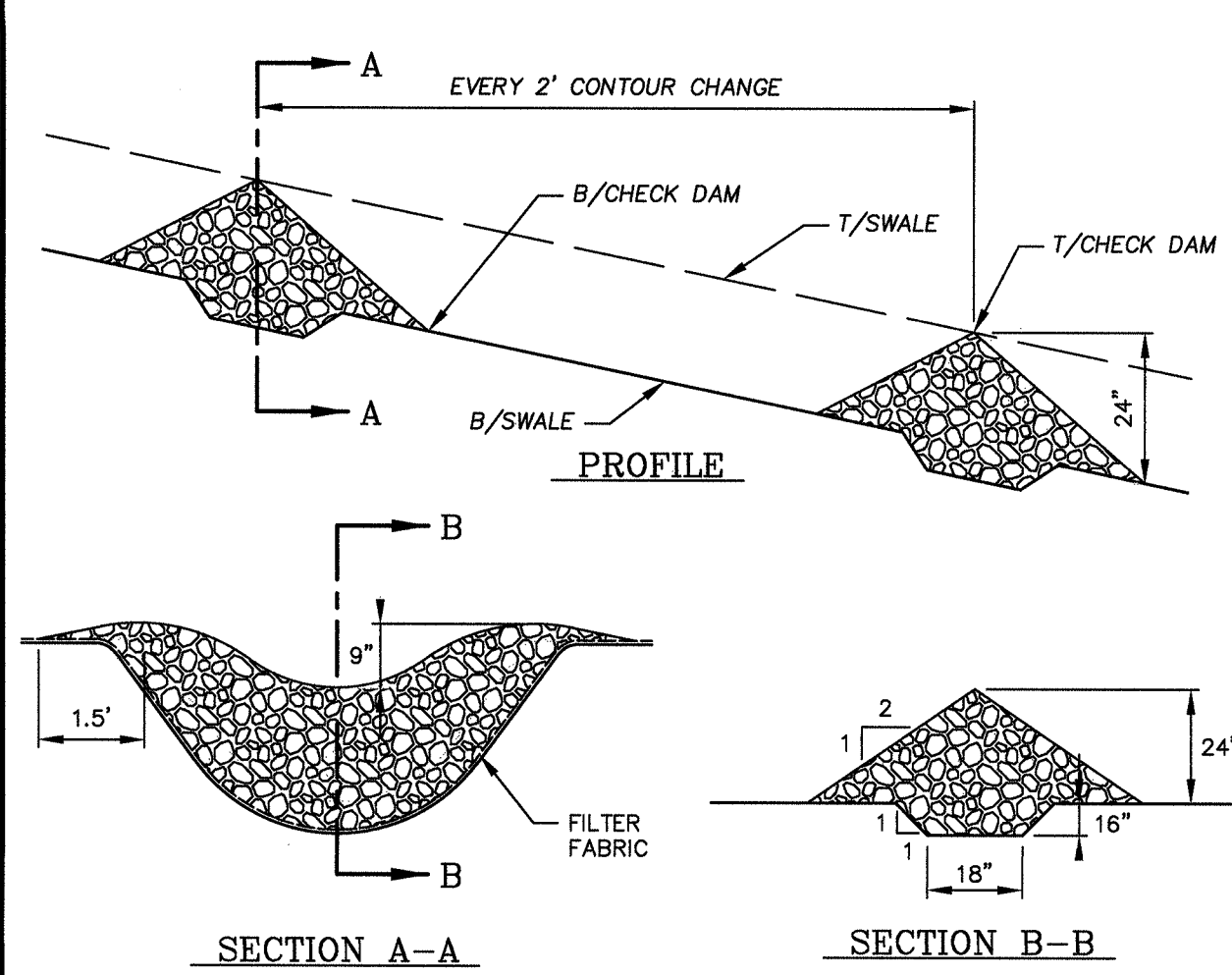
ELECTRICAL TRENCH DETAIL

NOT TO SCALE

NOTE: THE UTILITY COMPANY SHALL INSPECT TRENCH DEPTH AND ELECTRICAL LINE DURING AND PRIOR TO BACKFILL.

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SDB	12/30/25	REVISED TO ADDRESS COMMENTS FROM P.B.
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FUSCO ENGINEERING & LAND SURVEYING, D. P.C. CONSULTING ENGINEERS		
233 EAST MAIN ST. MIDDLETOWN, NY 10940 PHONE: (845) 344-5863 FAX: (845) 956-5865		
SEAL: [Professional Engineer Seal]		
DRAWING TITLE: EROSION CONTROL AND WELL DETAILS SUBDIVISION OF PROPERTY FOR SUNSET RIDGE		
TOWN OF MOUNT HOPE PREPARED FOR: TODD LYONS LIVING TRUST 523 OLD MOUNTAIN RD OTISVILLE, N.Y. 10963		STATE OF NEW YORK COUNTY OF ORANGE REFERENCE NUMBER: 25-080 DESIGNED BY: AAF REVISION DATE: 12/30/25 SHEET NUMBER: 9 DRAWN BY: SDB DATE: 7/18/25 PAGE 9 OF 10

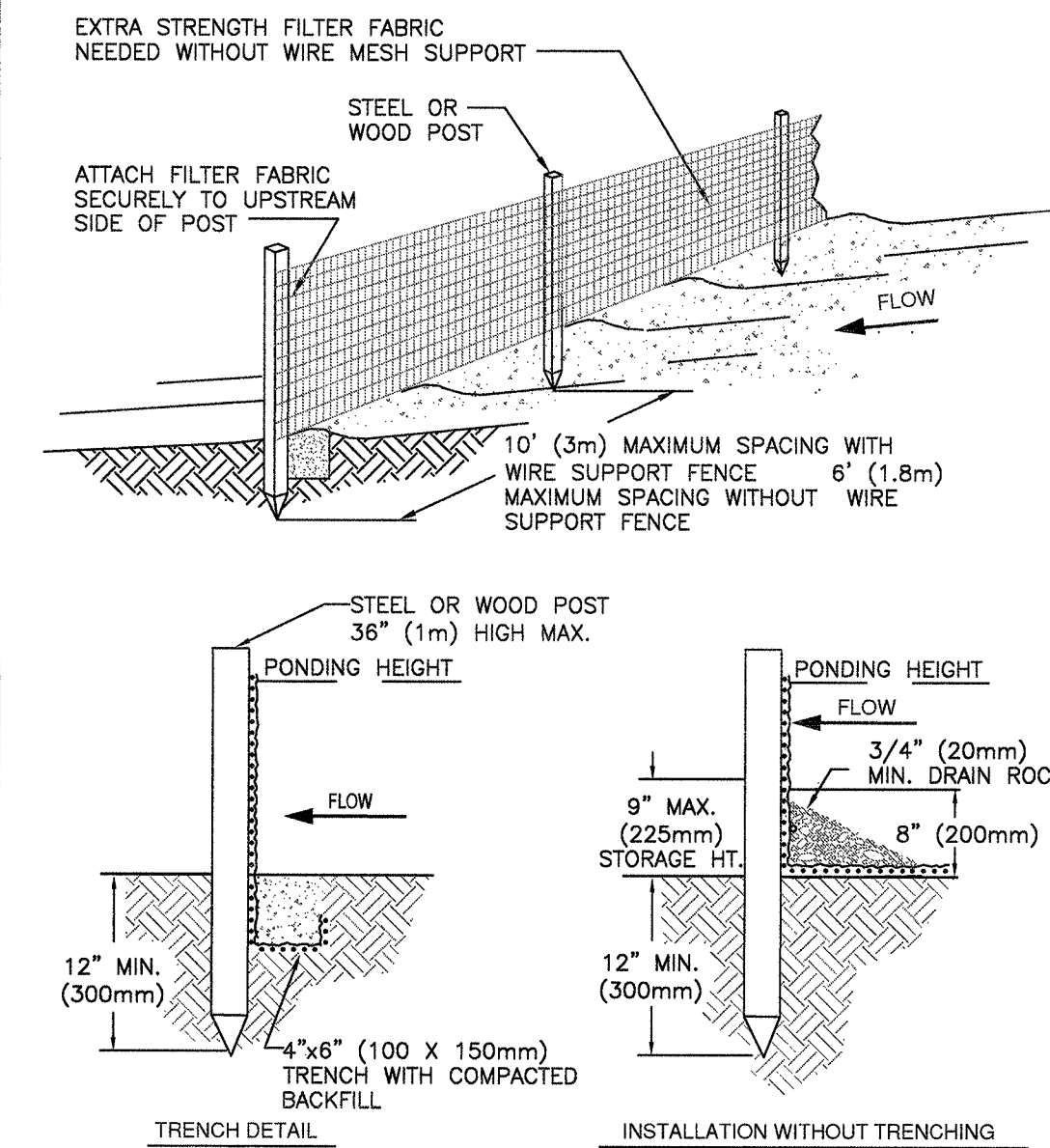


CONSTRUCTION SPECIFICATION NOTES:

- THIS CHECK DAM SHALL BE USED AS A TEMPORARY MEASURE TO LIMIT EROSION BY RESTRICTING THE VELOCITY OF FLOW OF THE CHANNEL.
- STONE SHALL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS AS SHOWN ON THE PLAN.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT THE WATER FROM CUTTING AROUND THE DAM.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT THE CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.
- THE CHECK DAMS SHOULD BE INSPECTED AFTER EACH RUNOFF EVENT. ALL DAMAGE SHALL BE CORRECTED IMMEDIATELY. IF SIGNIFICANT EROSION HAS OCCURRED BETWEEN CHECK DAMS, A LINER OF STONE OR OTHER SUITABLE MATERIAL SHALL BE INSTALLED IN THAT PORTION OF THE CHANNEL.
- REMOVED SEDIMENT ACCUMULATED BEHIND THE DAMS AS NEEDED TO ALLOW THE CHANNEL TO DRAIN THROUGH THE STONE CHECK DAM AND PREVENT LARGE FLOWS FROM CARRYING SEDIMENT OVERT THE DAMS. REPLACE STONES AS NEEDED TO MAINTAIN THE DESIGN CROSS SECTION PROPERTIES OF THE STRUCTURE.
- STONE SHALL BE 3" - 6" DIAMETER.

STONE CHECK DAM

(NOT TO SCALE)



NOTES:

- SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
- INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" (225mm) MAXIMUM RECOMMENDED STORAGE HEIGHT.
- REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

SILT FENCE DETAILS

(NOT TO SCALE)

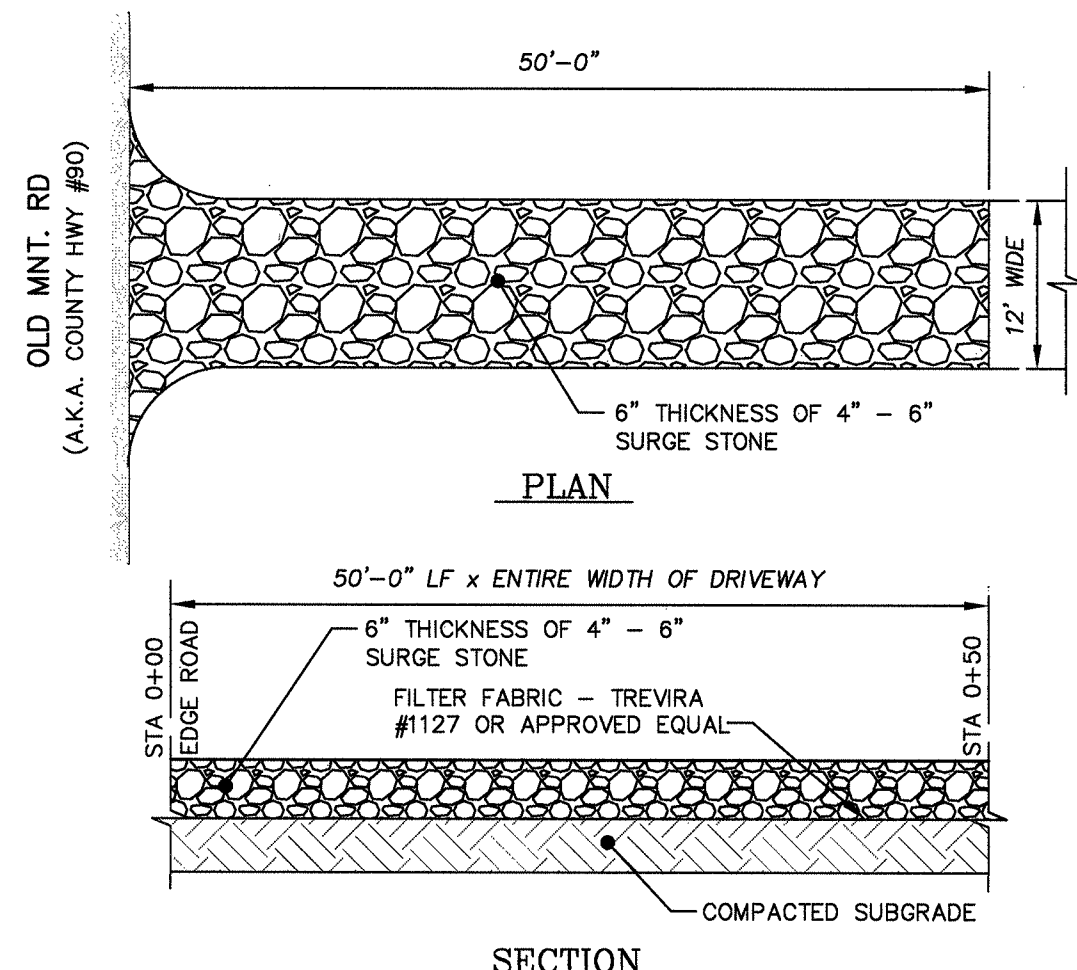
EROSION CONTROL NOTES

SITE DISTURBANCE TO BE LIMITED ONLY TO NECESSARY GRADING ON ROADS, BUILDING LOCATIONS, PARKING AREAS, DRIVEWAYS AND AREAS AS CALLED FOR ON THE PLAN.

TEMPORARY SEEDING WITH ANNUAL RYE GRASS AT 1/2 LB. PER 1,000 S.F. AND MULCHING 100-140 LB. HAY OR STRAW PER 1,000 S.F. TO BE PERFORMED ON DISTURBED SOIL REMAINING VACANT FOR MORE THAN ONE MONTH.

AFTER GRADING, BERMS AND SWALES WILL BE CREATED TO DIVERT RUNOFF FROM NEWLY GRADED AREAS TO PREVENT EROSION UNTIL GROUND COVER HAS DEVELOPED.

HAY BALES SHALL BE PLACED AS SHOWN BELOW, AT BOTTOM EDGE OF CUT AND FILL SLOPES TO PREVENT EROSION ON LANDS OF OTHERS AND IN DRAINAGEWAYS, AND SHALL BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED.



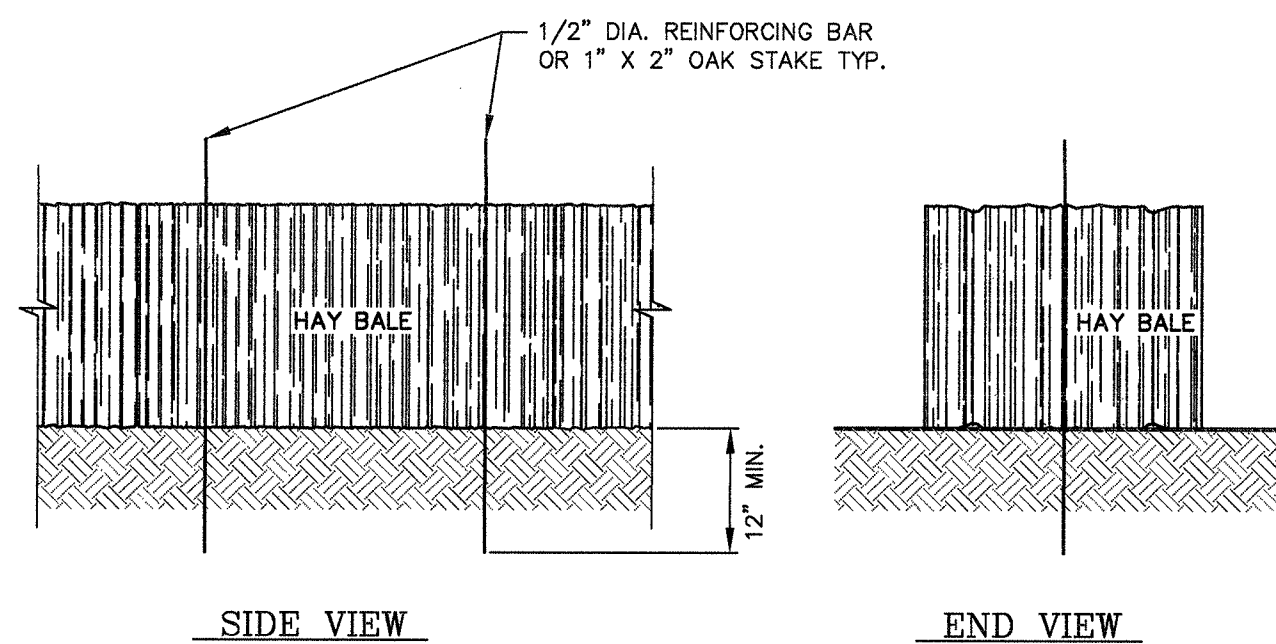
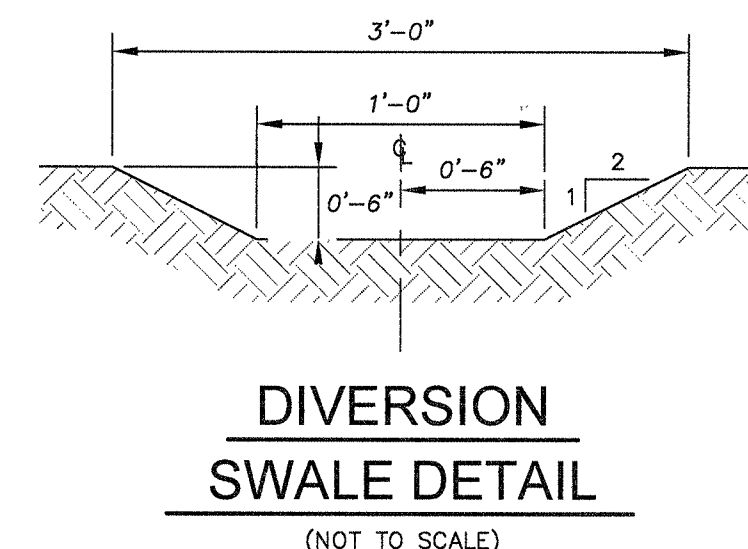
NOTES:

- ENTRANCE SHALL BE MAINTAINED AS CONDITIONS DEMAND TO PREVENT TRACKING OF SEDIMENT INTO PUBLIC RIGHTS OF WAY.
- ALL SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS.
- A CRUSHED STONE, VEHICLE WHEEL CLEANING BLANKET WILL BE INSTALLED WHENEVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY. SAID BLANKET WILL BE COMPOSED OF 6" DEPTH OF 4"-6" SURGE STONE, WILL BE AT LEAST 12' X 50' AND SHOULD BE PLACED ON COMPACTED SUBGRADE.
- ALL DRIVEWAYS MUST BE STABILIZED WITH 1"-1 1/2" CRUSHED STONE OR SUBBASE DURING CONSTRUCTION.
- PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
- ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE DISCHARGE POINTS BECOME OPERATIONAL.
- ALL CATCH BASIN INLETS WILL BE PROTECTED WITH CRUSHED STONE OR HAYBALE FILTER.

STABILIZED CONSTRUCTION

ENTRANCE DETAIL

(NOT TO SCALE)



EROSION CONTROL NOTES:

- TEMPORARY DIVERSION AND SEDIMENT BASINS SHALL BE CONSTRUCTED DOWN SLOPE FROM THE PROPOSED CONSTRUCTION IN THE STEEPER SECTIONS. THESE SEDIMENT BASINS SHALL BE MAINTAINED AS REQUIRED.
- TEMPORARY COVER OF RYE GRASS OR MULCH TO BE PROVIDED FOR ALL DISTURBED AREAS WHEN LEFT BARE FOR MORE THAN 30 DAYS.
- CONTRACTOR SHALL SEED AND MULCH AS FOLLOWS:
RATE OF MULCHING- 100 POUNDS OF HAY OR STRAW PER 1000 S.F.
RATE OF SEEDING- 1 POUND OF RYE GRASS PER 1000 S.F.
- TOPSOIL TO BE REPLACED TO ORIGINAL DEPTH OF NO LESS THAN 4".
- TOPSOIL OBTAINED DURING STRIPPING WHILE REGRADING WILL BE STOCKPILED SO THAT IT MAY BE USED IN LATER SEEDING.
- TRANSITIONAL GRADING FROM CUT TO FILL, FLATTENING SLOPES WHEREVER POSSIBLE AND ADEQUATE ROUNDING AT TOP OF CUT AND TOE OF FILL WILL REDUCE SURFACE EROSION AND PROMOTE THE ESTABLISHMENT OF AN EROSION-PROOF VEGETATIVE CROP.
- HAY BALES SHALL BE PLACED AT THE BOTTOM OF CUT AND FILL SLOPES TO PREVENT SITUATION ON LANDS OF OTHERS AND IN DRAINAGE WAYS, AND SHALL BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED.

EROSION CONTROL DETAIL

(NOT TO SCALE)

EROSION CONTROL NOTES:

- ALL AREAS DISTURBED BY SITE GRADING THAT WILL NOT BE CONSTRUCTED UPON FOR 30 DAYS SHALL BE ESTABLISHED WITH TEMPORARY VEGETATION.
- ALL UNVEGETATED OR DISTURBED AREAS, ON SLOPES OF 5% OR GREATER, SHALL BE PROTECTED FROM EROSION BY PLACING TEMPORARY SEEDING OF FAST GERMINATING RYE AT A RATE OF 10 TO 15 POUNDS PER 1,000 S.F.
- PRIOR TO COMMENCEMENT OF GRADING FOR BUILDING CONSTRUCTION, THE "LIMIT OF DISTURBANCE" SHALL BE DELINEATED IN ACCORDANCE WITH THE APPROVED PLAN UTILIZING TEMPORARY SILT FENCING. FENCING SHALL BE MAINTAINED IN GOOD ORDER UNTIL ALL EXPOSED SOILS ARE STABILIZED THROUGH ESTABLISHMENT OF HEAVY VEGETATIVE COVER.
- GRADED AREAS ARE TO BE PROTECTED BY PROVIDING TEMPORARY INTERCEPTING DRAINAGE SWALES AT 1% MINIMUM SLOPE AND AS REQUIRED TO DIRECT RUNOFF AWAY FROM DOWNSTREAM CONSTRUCTION. DISCHARGE AREA SHALL BE PROTECTED WITH SEDIMENTATION CONTROL BARRIERS.
- ALL AREAS OF SOIL DISTURBANCE RESULTING FROM THIS PROJECT SHALL BE SEED WITH AN APPROPRIATE PERENNIAL GRASS SEED AND MULCHED WITH HAY OR STRAW WITHIN ONE WEEK OF FINAL GRADING. MULCH SHALL BE MAINTAINED UNTIL A SUITABLE VEGETATIVE COVER IS ESTABLISHED.
- IF SEEDING IS IMPRACTICABLE DUE TO THE TIME OF YEAR, A TEMPORARY MULCH SHALL BE APPLIED AND FINAL SEEDING SHALL BE PERFORMED AT THE EARLIEST OPPORTUNITY WHEN WEATHER CONDITIONS, GERMINATION AND GROWTH ALLOW BUT NOT MORE THAN SIX MONTHS AFTER PROJECT COMPLETION.
- ALL SILT FENCES WILL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. REQUIRED REPAIRS WILL BE PERFORMED IMMEDIATELY. SHOULD THE SILT FENCE BECOME INEFFECTIVE PRIOR TO THE END OF ITS EXPECTED USABLE LIFE, IT WILL BE REPLACED PROMPTLY. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT BUT UNDER NO CIRCUMSTANCES SHOULD THE SEDIMENT DEPOSITS EXCEED ONE HALF THE HEIGHT OF THE BARRIERS. ALL SILT FENCES WILL BE MAINTAINED UNTIL ALL UPSLOPE SOILS ARE PERMANENTLY STABILIZED BY VEGETATION.
- PERMANENT SEEDING REQUIREMENTS: MIXTURE OF PERENNIAL RYE, KENTUCKY BLUE AND

* RED FESCUE GRASSES (EQUAL PORTIONS) AT 20 TO 25 POUNDS PER 1,000 SQUARE FEET. STRAW MULCHING AT 5 POUNDS PER 1,000 SQ. FT.

* FERTILIZER (5-10-5) AT 5 POUNDS PER 1,000 SQ. FT.

* INSTALL EROSION CONTROL NETTING ON ALL GRADES 10% OR GREATER.

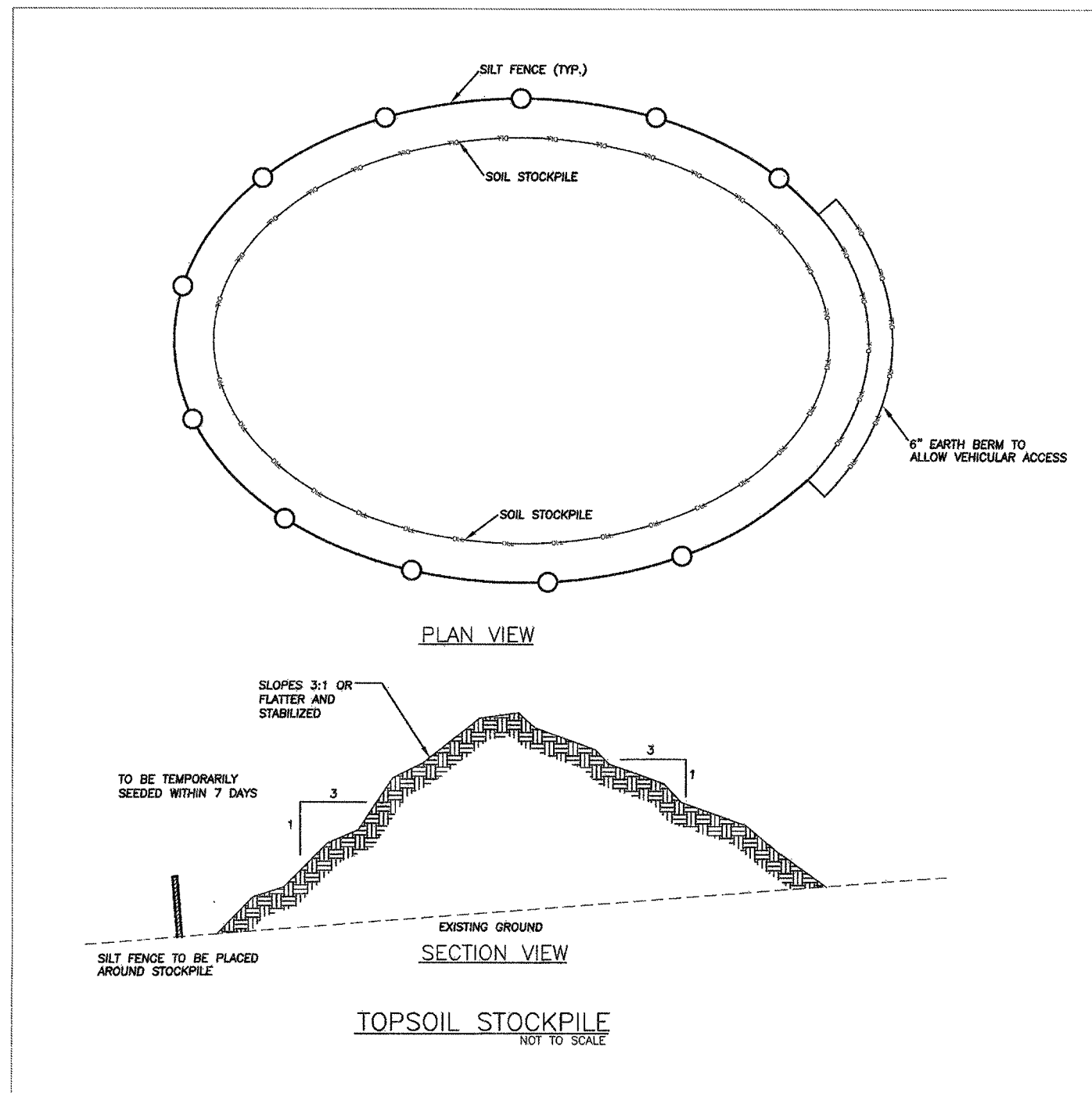
* PROVIDE PERIODIC WATERING OF THE NEWLY SEEDER AREAS UNTIL GRASS IS MOWABLE.

* RESEED ANY WASHED OUT AREAS AS REQUIRED AND UNTIL ALL DISTURBED AREAS HAVE A SATISFACTORY STAND OF GRASS.

CONSTRUCTION SEQUENCE:

- A PRE-CONSTRUCTION MEETING WITH TOWN REPRESENTATIVES, OWNER, ARCHITECT, ENGINEER (IF CONSTRUCTION OBSERVATION AND/OR AS-BUILTS ARE TO BE PREPARED BY ENGINEER) AND CONTRACTOR PRESENT WILL BE HELD A MINIMUM OF ONE WEEK PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL SECURE ALL APPROVALS AND PERMITS.
- DELINEATE THE LIMITS OF DISTURBANCE. TREES TO BE SAVED SHALL BE PROTECTED WITH PERIMETER SNOW FENCE.
- INSTALL SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE.
- STABILIZE DISTURBED AREAS WITH TEMPORARY SEEDING PROTECTION MEASURES PER EROSION CONTROL PLAN. INSTALL TEMPORARY DIVERSION SWALES AND STONE CHECK DAMS PER EROSION CONTROL PLAN. STABILIZE DIVERSION SWALES AS SPECIFIED.
- PERFORM CLEARING AND GRUBBING ACTIVITIES AS REQUIRED FOR CONSTRUCTION OF DRIVEWAYS, SEPTIC AREAS AND HOME SITES. SITE DISTURBANCE SHALL NOT EXCEED BEYOND THE DISTURBANCE LIMIT LINE DEPICTED ON THE SUBDIVISION PLAN.
- STRIP AND STOCKPILE TOPSOIL, STABILIZE WITH RYEGRASS SEED AND ADD PERIMETER SILT FENCING.
- COMPLETE ROUGH GRADING OF DRIVEWAYS ENTRANCE AND PROVIDE STABILIZED CONSTRUCTION ENTRANCES.
- COMPLETE PROPOSED STORMWATER CONVEYANCE SYSTEMS, CONSISTING OF SWALES AND CULVERT CROSSINGS. INSTALL RIPRAP AND CHANNEL PROTECTION AS APPROPRIATE.
- COMPLETE FINE GRADING OF DISTURBED AREAS AND RIGHT-OF-WAY EMBANKMENTS; AMEND SOILS AS REQUIRED AND SEED, STABILIZE WITH MULCH, JUTE NETTING OR HYDROSEED.
- FINE GRADE AND STABILIZE DRIVEWAYS.
- ALL FINALLY GRADED HOME SITES AND SEPTIC DISPOSAL AND ESTABLISHMENT OF VEGETATIVE SLOPE STABILIZATION, REMOVE EROSION CONTROL MEASURES BEGINNING AT THE MOST UPSTREAM POINTS THEN WORKING DOWNSTREAM.
- PERFORM ANY FINE GRADING AND SEEDING AS REQUIRED, MAINTAIN AND REPAIR WASHOUTS AS REQUIRED AND AFTER EACH STORM EVENT UNTIL ALL EROSION CONTROL AND WATER QUALITY MEASURES ARE FULLY ESTABLISHED.
- ALL EROSION AND SEDIMENT CONTROLS ARE TO BE FLUSHED CLEAN OF ALL SILT AND SEDIMENT AFTER THE SITE IS COMPLETE AND ALL CONSTRUCTION DISTURBANCE HAS BEEN STABILIZED. REMOVE ALL SILT FROM PERMANENT STORMWATER CONTROL STRUCTURES.
- REMOVE ALL ACCUMULATED SEDIMENT AND DISPOSE OF IN A MANNER CONSISTENT WITH ALL APPLICABLE LAWS AND REGULATIONS.
- AFTER ALL DISTURBED AREAS ARE STABILIZED, SILT FENCE MAY BE REMOVED.
- ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED AS MAY BE REQUIRED AND REQUESTED BY AUTHORITIES, THE OWNER, OR THE ENGINEER TO REDUCE THE POTENTIAL FOR DISCHARGE OF SILT LADEN RUNOFF FROM THE PROJECT SITE.
- CONTRACTOR SHALL PROVIDE SURPLUS HAY MULCH ON-SITE AND APPLY AS NEEDED TO TEMPORARILY STABILIZE DISTURBED AREAS.
- THE GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES STATES THAT IT IS UNLAWFUL FOR ANY PERSON TO CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS.
- ALL NON-ACTIVE DISTURBED AREAS SHALL RECEIVE TEMPORARY OR PERMANENT STABILIZATION. NON-ACTIVE DISTURBED AREAS SHALL NOT REMAIN FALLOW FOR LONGER THAN 14 DAYS WITHOUT BEING STABILIZED.
- ANY BORROW OR WASTE PITS LOCATED ON SITE OR OFF-SITE MUST BE STABILIZED AND MAINTAINED PER THE REQUIREMENT OF THE GENERAL CONSTRUCTION PERMIT AND THE SWPPP FOR THIS PROJECT.

NOTE:
NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS.



STANDARD AND SPECIFICATIONS FOR CONCRETE TRUCK WASHOUT



leaching of liquids into the ground. The liner shall be plastic sheeting with a minimum thickness of 10 mils with no holes or tears, and anchored beyond the top of the pit with an earthen berm, sand bags, stone, or other structural appurtenance except at the access point.

If pre-fabricated washouts are used they must ensure the capture and containment of the concrete wash and be sized based on the expected frequency of concrete pours. They shall be sited as noted in the location criteria.

Maintenance

- All concrete washout facilities shall be inspected daily. Damaged or leaking facilities shall be decontaminated and repaired or replaced immediately. Excess rainwater that has accumulated over hardened concrete should be pumped to a stabilized area, such as a grass filter strip.
- Accumulated hardened material shall be removed when 75% of the storage capacity of the structure is filled. Any excess wash water shall be pumped into a containment vessel and properly disposed of off site.
- Dispose of the hardened material off-site in a construction or demolition landfill. On-site disposal may be allowed if this has been approved and accepted as part of the projects SWPPP. In that case, the material should be recycled as specified, or burned and covered with a minimum of 2 feet of clean compacted earfill that is permanently stabilized to prevent erosion.
- The plastic liner shall be replaced with each cleaning of the washout facility.
- Inspect the project site frequently to ensure that no concrete discharges are taking place in non-designated areas.

Definition & Scope

A temporary excavated or above ground lined constructed pit where concrete truck mixers and equipment can be washed after their loads have been discharged, to prevent highly alkaline runoff from entering storm drainage systems or leaching into soil.

Conditions Where Practice Applies

Washout facilities shall be provided for every project where concrete will be poured or otherwise formed on the site. This facility will receive highly alkaline wash water from the cleaning of chutes, mixers, hoppers, vibrators, piling equipment, trowels, and screeds. Under no circumstances will wash water from these operations be allowed to infiltrate into the soil or enter surface waters.

Design Criteria

Capacity: The washout facility should be sized to contain solids, wash water, and rainfall and sized to allow for the evaporation of the wash water and rainfall. Wash water shall be estimated at 7 gallons per chute and 50 gallons per hopper of the concrete pump truck and/or discharging drum. The minimum size shall be 8 feet by 8 feet at the bottom and 2 feet deep. If excavated, the side slopes shall be 2 horizontal to 1 vertical.

Location: Locate the facility a minimum of 100 feet from drainage swales, storm drain inlets, wetlands, streams and other surface waters. Prevent surface water from entering the structure except for the access road. Provide appropriate access with a gravel access road sloped down to the structure. Signs shall be placed to direct drivers to the facility after their load is discharged.

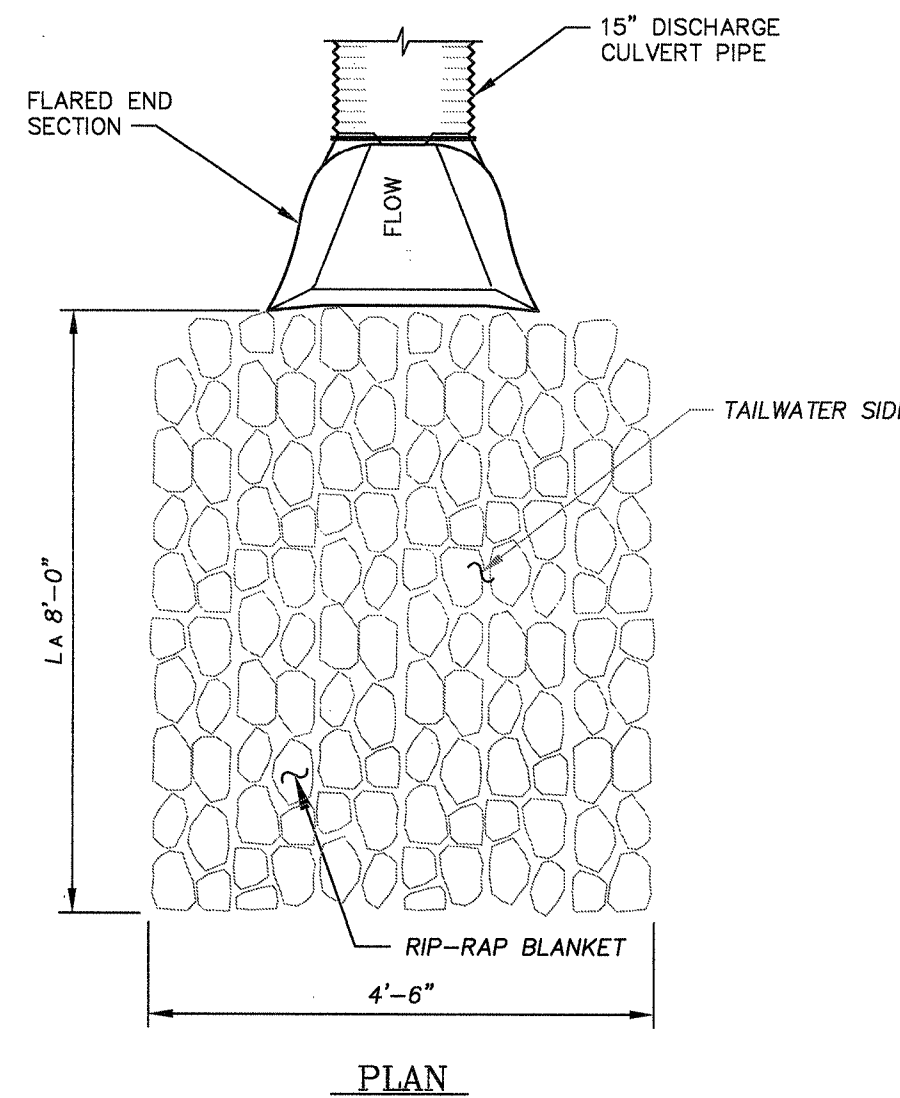
Liner: All washout facilities will be lined to prevent

November 2016

Page 2.24

New York State Standards and Specifications For Erosion and Sediment Control

Map # ~~2021-001~~ Sheet ~~1 of 1~~
Filed On ~~5/16/2021~~
ORANGE COUNTY

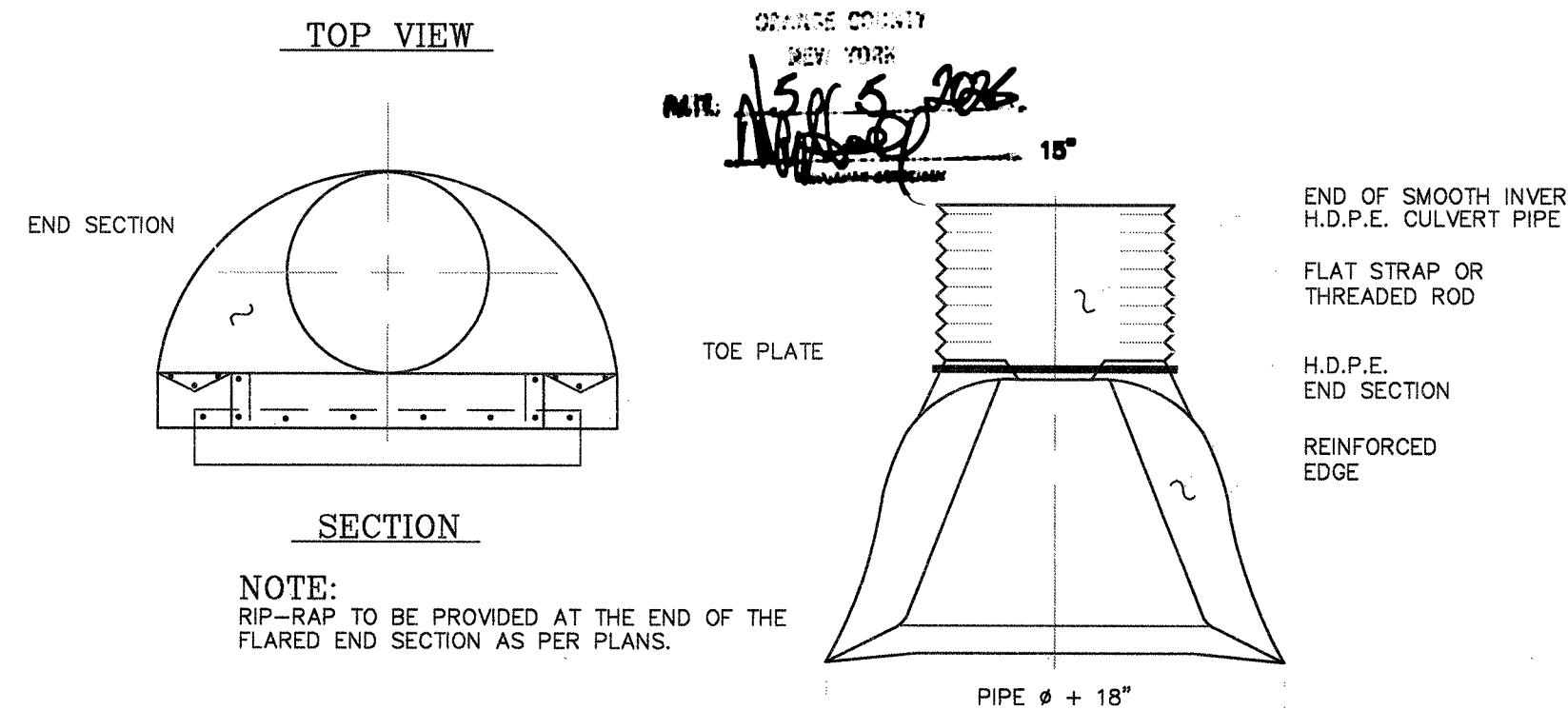


NOTES:

- A RIP-RAP DISSIPATER APRON SHALL BE PLACED AT PIPE DISCHARGE AREAS TO PROTECT AGAINST EROSION.
- TAILWATER SIDE TO BE RIP RAP 4"Ø STONE D₉₀ PLUS 50% SMALLER STONE TO FILL VOIDS. STONE TO EXTEND 8' AND A WIDTH OF 4'-6" AT THE END. STONE THICKNESS TO BE 15" MINIMUM.

RIE-RAP DISSIPATER DETAIL

DESIGN BASED ON 15" CULVERT (NOT TO SCALE)



FLARED END SECTION

(NOT TO SCALE)

NOTE: BACKFILL UNDER ALL PAVED AREAS OR DRIVEWAYS TO BE FULL DEPTH RUN-OF-BANK GRAVEL COMPACTED TO 95%

THESE PLANS ARE INCOMPLETE/INVALID UNLESS THEY CONTAIN THE ENGINEER'S SIGNATURE AND SEAL WHERE APPLICABLE AND SHEETS 1 THROUGH 10 OF 10.

SDB	12/30/25	REVISED TO ADDRESS COMMENTS FROM P.B.
SDB	10/29/25	REVISED TO ADDRESS COMMENTS FROM P.B.
SDB	9/26/25	PRELIMINARY PLAN
SYMB	DATE	ISSUED FOR

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

 FUSCO ENGINEERING & LAND SURVEYING, D. P.C. CONSULTING ENGINEERS				
233 EAST MAIN ST. MIDDLETOWN, NY 10940		PHONE: (845) 344-5863 FAX: (845) 956-5865		
SEAL:	DRAWING TITLE: EROSION CONTROL AND WELL DETAILS			
	SUBDIVISION OF PROPERTY FOR SUNSET RIDGE		STATE OF NEW YORK COUNTY OF ORANGE	
	TOWN OF MOUNT HOPE	APPROVED BY:	SCALE:	REFERENCE NUMBER:
	PREPARED FOR:	AAF	N.T.S.	25-080
	TODD LYONS LIVING TRUST 523 OLD MOUNTAIN RD OTISVILLE, N.Y. 10963	DESIGNED BY:	REVISION DATE:	SHEET NUMBER:
	AAF	12/30/25	10	
	DRAWN BY:	DATE:	PAGE 10 OF 10	
	SDB	7/18/25		

Know what's below.
Call before you dig.

