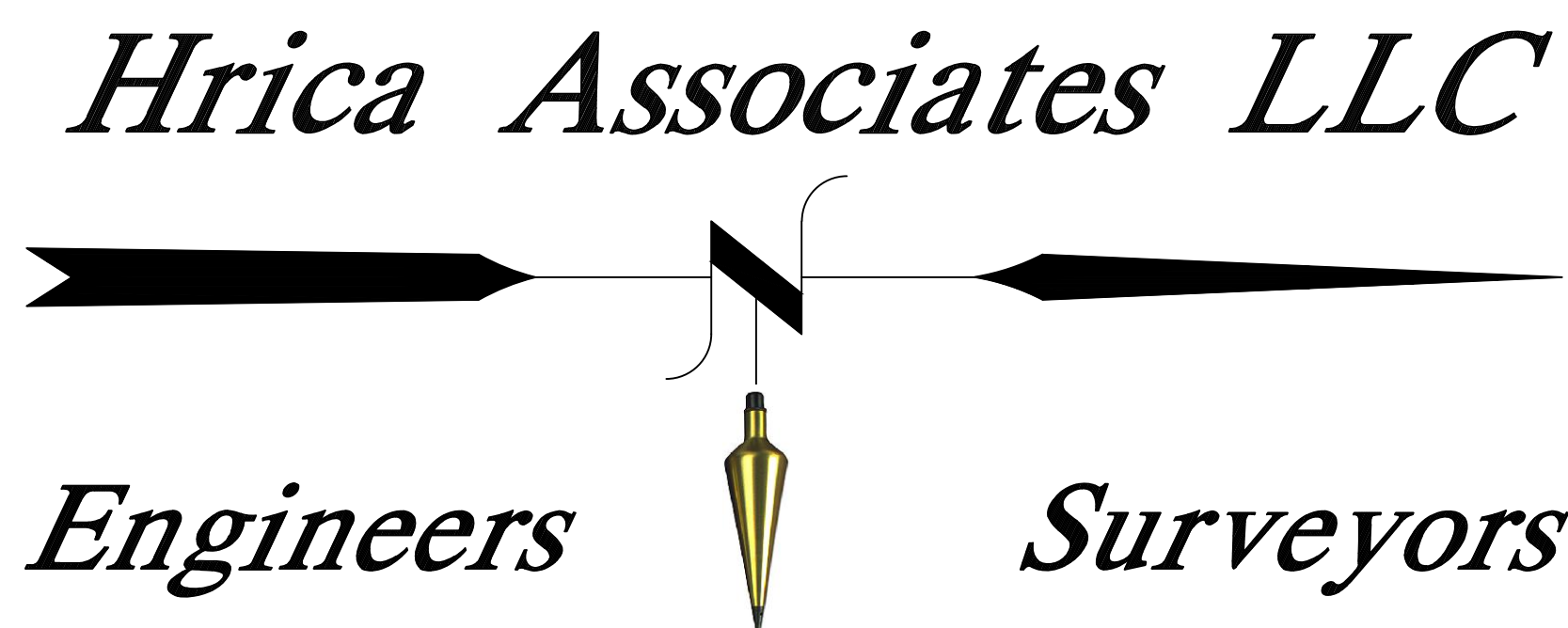


# INTERIM MINING PLAN

HAYNES AGGREGATES TORRINGTON, LLC - 3217 WINSTED RD  
&  
O & G INDUSTRIES INC. - 3345 WINSTED RD  
TORRINGTON, CONNECTICUT

## LIST OF DRAWINGS

SHEET	TITLE
C1	OVERALL MINING PLAN
C2	SITE PLAN - OPERATIONS AREA #1
C3	SITE PLAN - QUARRY AREA #1
C4	SITE PLAN - OPERATIONS AREA #2
C5	SITE PLAN - QUARRY AREA #2
C6	SITE PLAN - RETAIL AREA
C7	NOTES AND DETAILS
C8	WINSTED ROAD RESTORATION PLAN



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e-mail:  
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**INTERIM MINING PLAN**  
HAYNES AGGREGATES TORRINGTON, LLC - 3217 WINSTED RD  
&  
O & G INDUSTRIES INC. - 3345 WINSTED RD  
TORRINGTON, CONNECTICUT

PROJECT #: 06-0027  
MAP DATE: 01/01/2021  
REVISED:

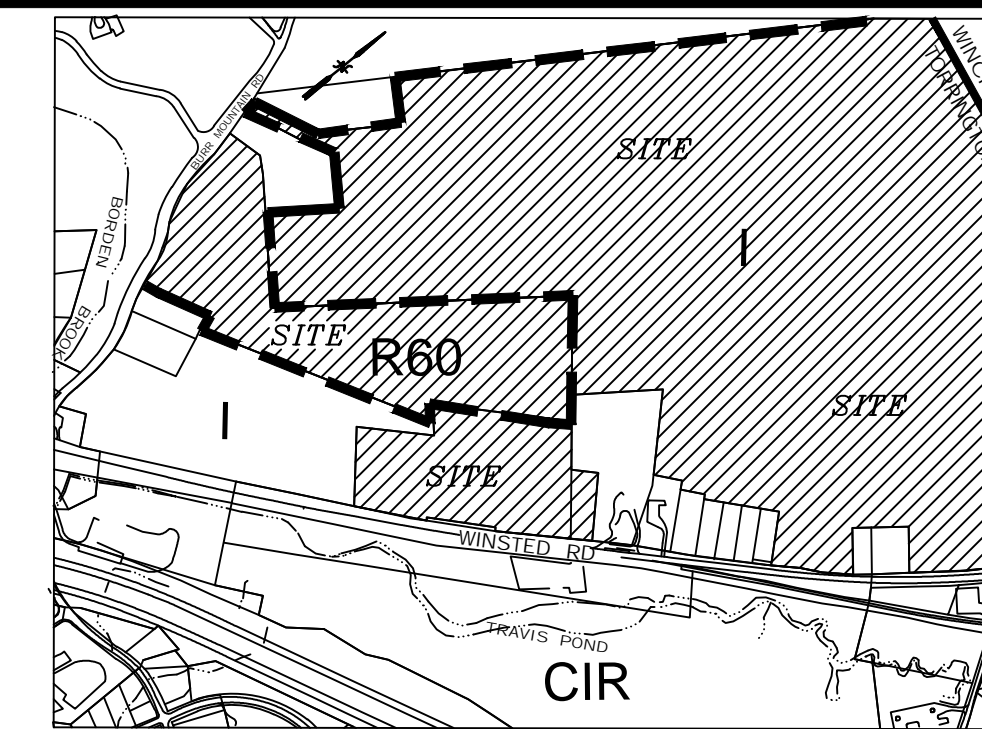
ZONING REGULATION 6.4.8.c.

AREA APPROVED FOR RETAIL USE: 1.0 ACRES  
(6.7% OF EARTH EXCAVATION AREA)

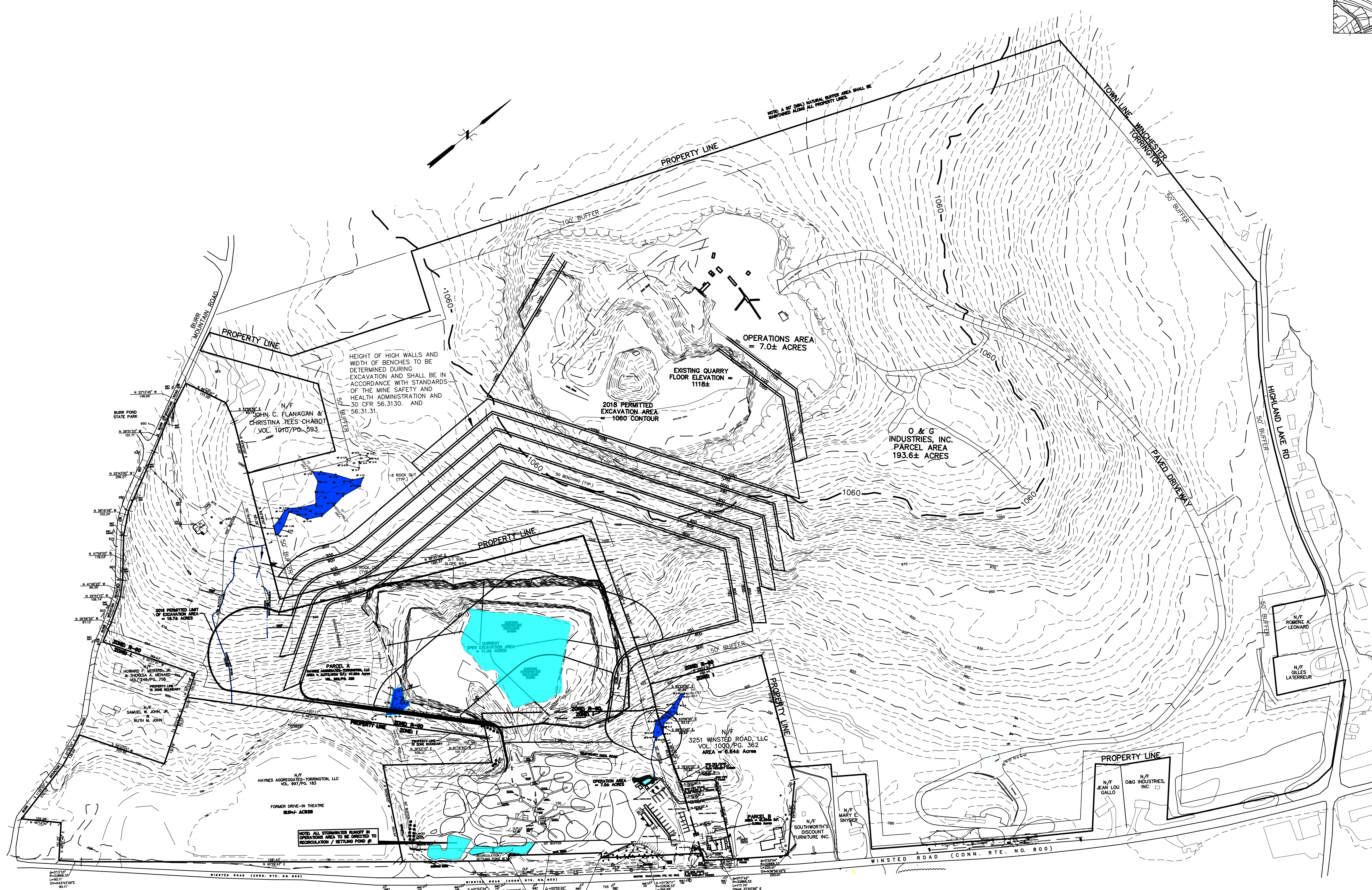
AREA APPROVED FOR EARTH EXCAVATION:  
OPEN EXCAVATION = 19.7 ACRES  
OPERATIONS AREA = 7.1 ACRES  
TOTAL AREA = 26.8 ACRES

SUMMARY OF ZONING CODE REQUIREMENTS ZONE: LB (LOCAL BUSINESS)		
CODE ITEM	REQUIRED	EXISTING
AREA/DIMENSION:		
MIN. LOT AREA (SQ.FT.)	10,000	2,114,556
MIN. LOT WIDTH (FEET)	80	1,317.57
MIN. FRONT YARD (FEET)	50	50
MIN. SIDE YARD (FEET)	50	50
MIN. REAR YARD (FEET)	50	50
BUILDING HEIGHT (FEET)	60 MAX.	32.23
USAGE	--	RETAIL + EXCAVATION

SUMMARY OF PARKING REQUIREMENTS		
	REQUIRED	EXISTING
QUARRY		
PARKING SPACES	12	12
RETAIL		
PARKING SPACES	6	6
HANDICAP SPACES	1	1



**Hrica Associates LLC**  
**Engineers**  
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 Torrington, Connecticut 06759  
**Surveyors**  
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**LEGEND**

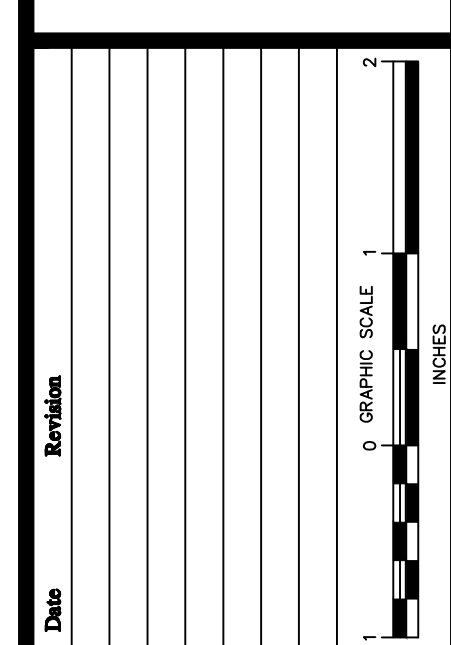
- PROPERTY LINE
- EXISTING MONUMENT
- EXISTING IRON PIN OR PIPE
- DRILL HOLE
- STONE BOUND
- UTILITY POLE
- STONE WALL
- WIRE FENCE
- WATERCOURSE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- SEDIMENT FENCE
- FLAGGED WETLANDS
- PROPOSED SWALE
- TREE LINE
- TRAFFIC FLOW PATTERN
- SITE LIGHTING

**NOTE: STORMWATER RUNOFF TO BE CONTAINED IN OPEN EXCAVATION AREA OR DIRECTED TO RECHARGE / SILTATION / SETTLING PONDS**

**NOTE: REFER TO SHEETS S1-S5 TO CLARIFY ILLEGIBLE ITEMS FOUND ON THIS PLAN**

CT Lic. #0896  
 Kenneth S. Hrica P.E.L.S.  
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**OVERALL MINING PLAN**  
**3217 WINSTED ROAD & 3345 WINSTED ROAD**  
**TORRINGTON, CONNECTICUT**



1. APPROVED BY THE PLANNING & ZONING COMMISSION:  
 DATE: \_\_\_\_\_ CHAIRMAN  
 2. FINAL APPROVAL: \_\_\_\_\_ CHAIRMAN  
 DATE: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_  
 3. CONDITIONAL APPROVAL: \_\_\_\_\_ CHAIRMAN  
 DATE: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_

Date: 01/01/21  
 Scale: 1" = 200'  
 Project No.: 06-0027  
 Drawing No.: 060027  
 Map No.: 0027  
 Sheet: C1

N/F  
HAYNES AGGREGATES - TORRINGTON, LLC  
REF. VOL. 829/PG. 328  
TOTAL AREA = 52.78± Acres

EXISTING  
BASIN  
RECHARGE  
STORMWATER

QUARRY FLOOR ELEV. = 730±

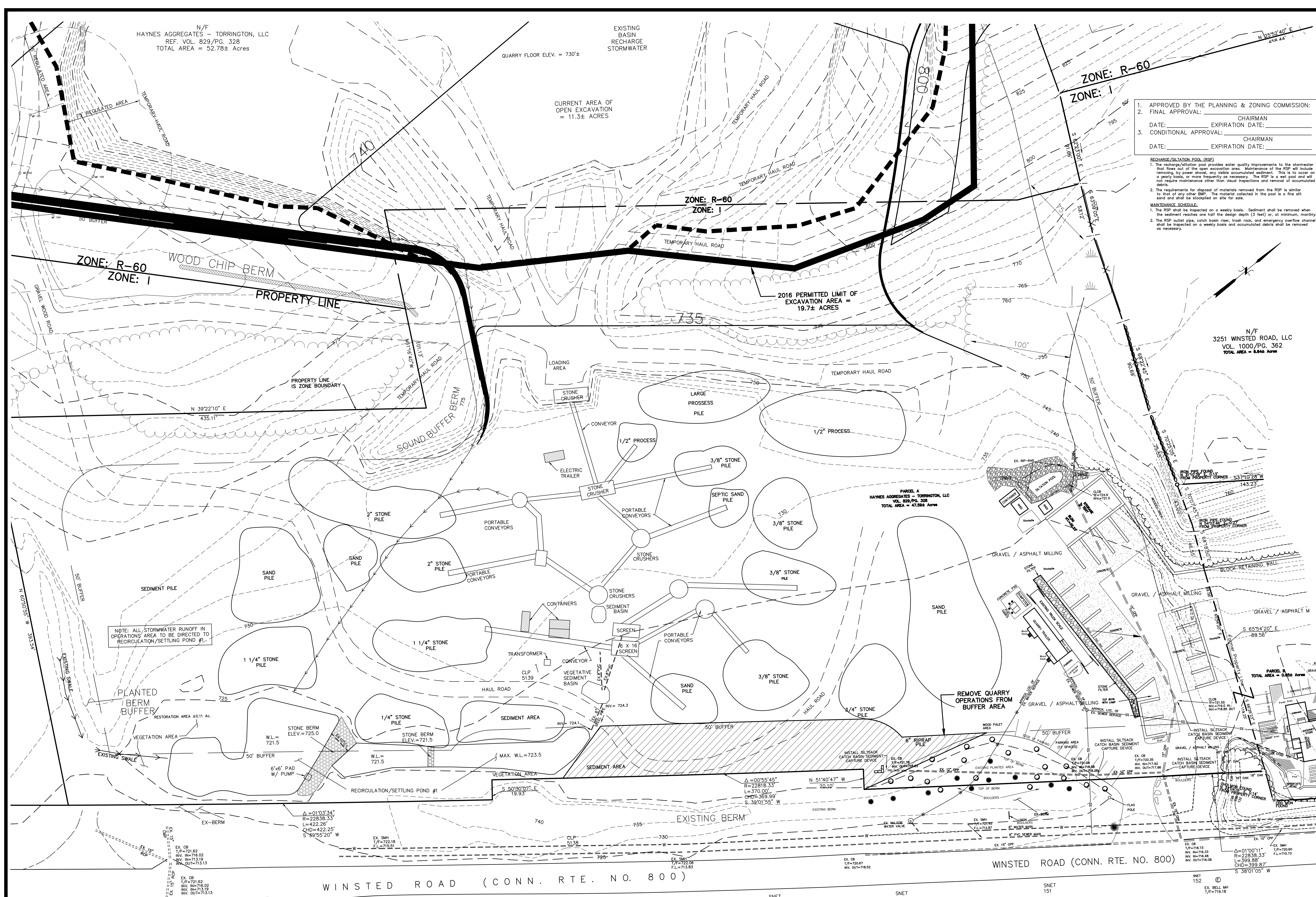
CURRENT AREA OF  
OPEN EXCAVATION  
= 11.3± ACRES

2016 PERMITTED LIMIT OF  
EXCAVATION AREA =  
19.7± ACRES

1. APPROVED BY THE PLANNING & ZONING COMMISSION:  
2. FINAL APPROVAL: \_\_\_\_\_ CHAIRMAN  
DATE: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_  
3. CONDITIONAL APPROVAL: \_\_\_\_\_ CHAIRMAN  
DATE: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_

RECHARGE/SILTATION POOL (RSP)  
1. The recharge/siltation pool provides water quality improvements to the stormwater that flows out of the open excavation area. Maintenance of the RSP will include removing by power shovel, any visible accumulated sediment. This is to occur on a yearly basis, or more frequently as necessary. The RSP is a wet pool and will not require maintenance other than visual inspections and removal of accumulated debris.  
2. The requirements for disposal of materials removed from the RSP is similar to that of any other BMP. The material collected in the pool is a fine silt sand and shall be stockpiled on site for sale.

MAINTENANCE SCHEDULE:  
1. The RSP shall be inspected on a weekly basis. Sediment shall be removed when the sediment reaches one-half the design depth (3 feet) or, at minimum, monthly.  
2. The RSP outlet pipe, catch basin riser, trash rack, and emergency overflow channel shall be inspected on a weekly basis and accumulated debris shall be removed as necessary.



NOTE: ALL STORMWATER RUNOFF IN OPERATIONS AREA TO BE DIRECTED TO RECIRCULATION/SETTLING POND #1

REMOVE QUARRY OPERATIONS FROM BUFFER AREA

WINSTED ROAD (CONN. RTE. NO. 800)

WINSTED ROAD (CONN. RTE. NO. 800)

**Hrica Associates LLC**  
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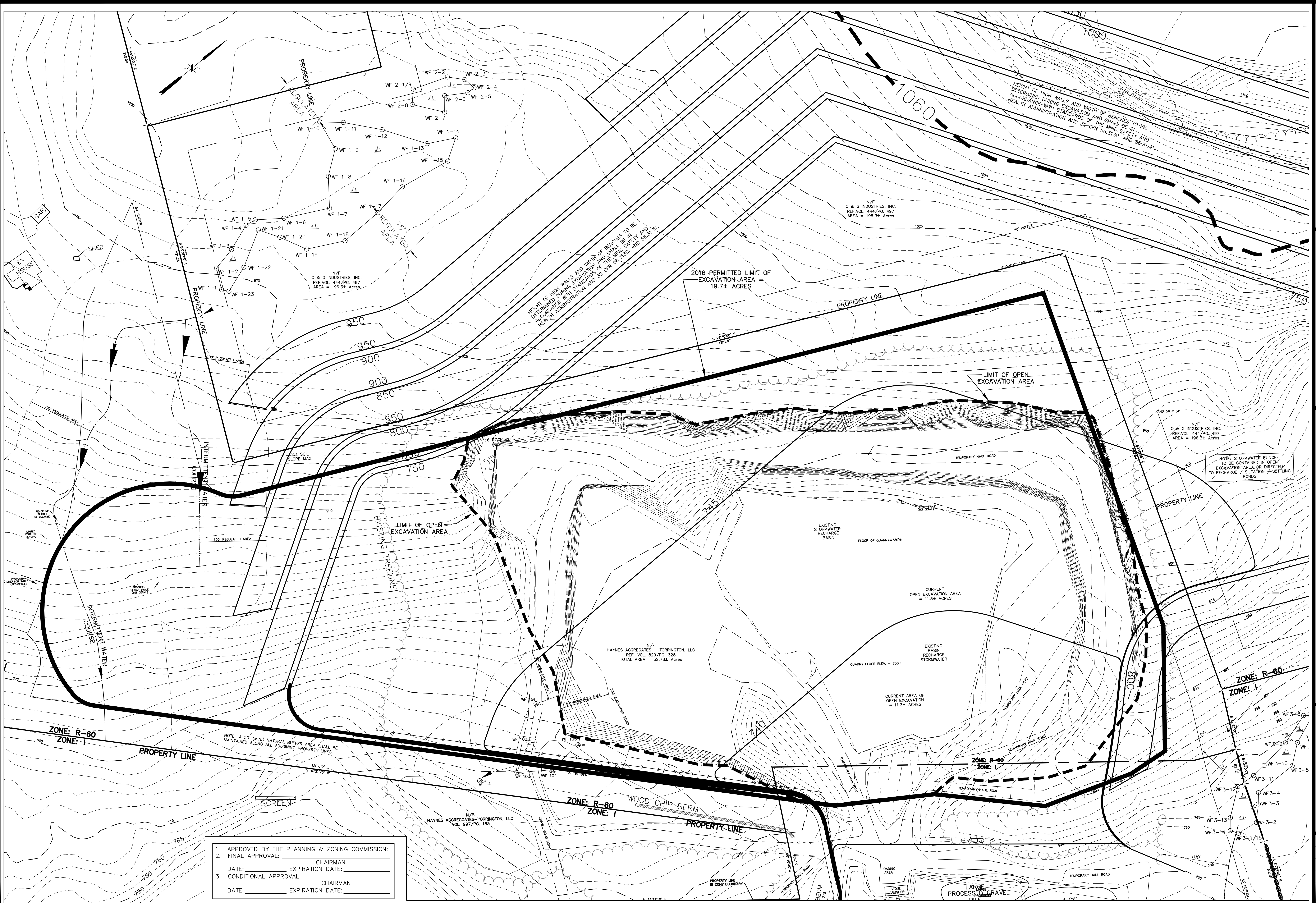
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P.O. Box 1861  
Litchfield, Connecticut 06759

Kenneth S. Hrica P.E., R.L.S. CT Lic. #0896

**SITE PLAN**  
**OPERATIONS AREA #1**  
**3217 WINSTED ROAD**  
**TORRINGTON, CONNECTICUT**

Date	01/01-21
Scale	1" = 40'
Project No.	06-0027
Drawing No.	060027
Map No.	0027
Sheet	C2

0 GRAPHIC SCALE  
INCHES



1. APPROVED BY THE PLANNING & ZONING COMMISSION:  
 2. FINAL APPROVAL: \_\_\_\_\_ CHAIRMAN  
 DATE: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_  
 3. CONDITIONAL APPROVAL: \_\_\_\_\_ CHAIRMAN  
 DATE: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_

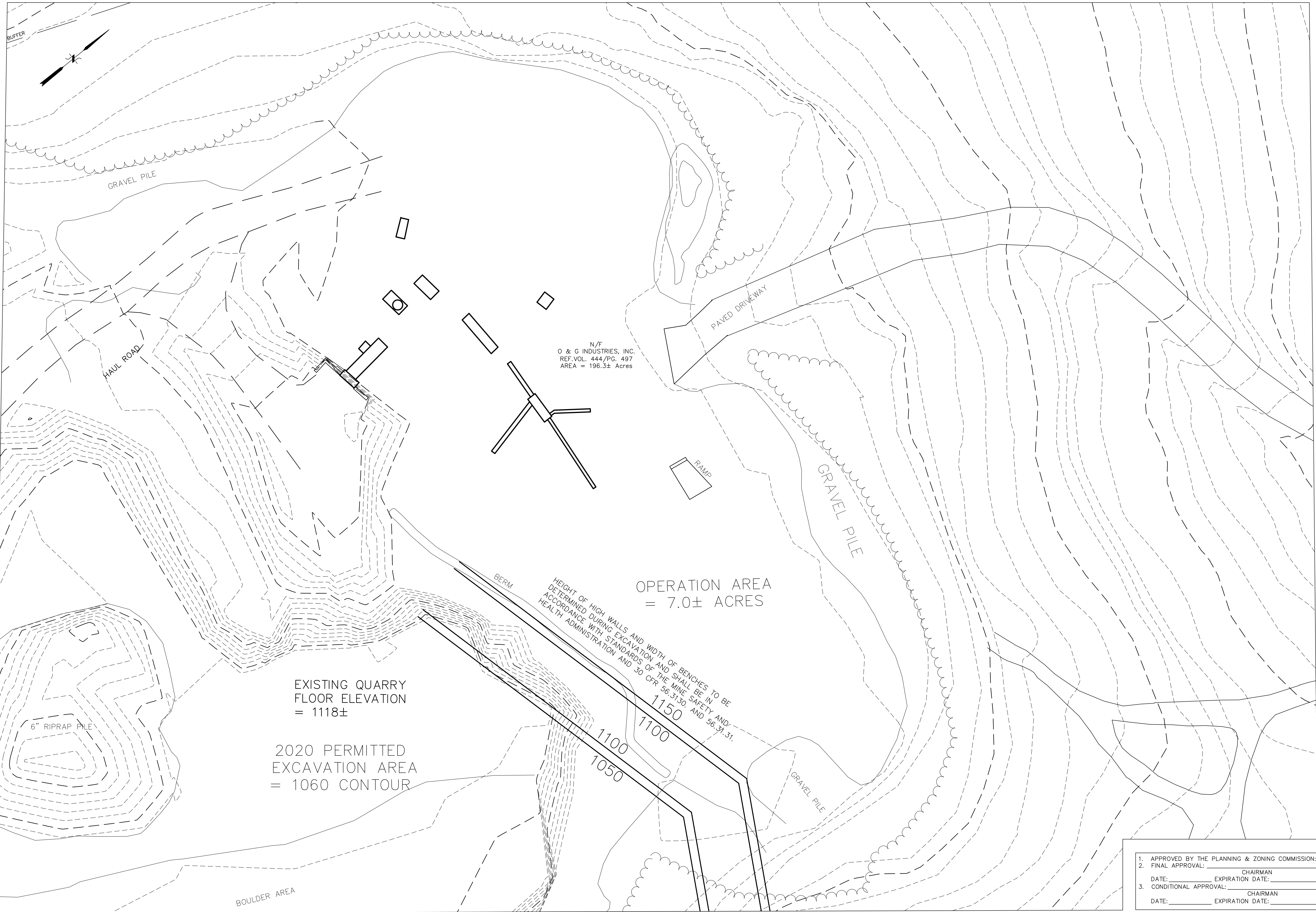
**Hrica Associates LLC**  
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**Surveyors**  
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**SITE PLAN**  
**OPERATIONS AREA #1**  
**3217 WINSTED ROAD**  
**TORRINGTON, CONNECTICUT**

Date: 01/01/21  
 Scale: 1" = 60'  
 Project No.: 06-0027  
 Drawing No.: 060027  
 Map No.: 0027  
 Sheet: C3

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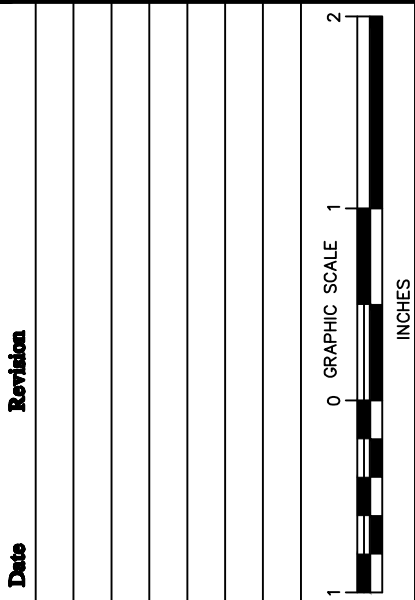


1. APPROVED BY THE PLANNING & ZONING COMMISSION:  
 2. FINAL APPROVAL: \_\_\_\_\_ CHAIRMAN  
 DATE: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_  
 3. CONDITIONAL APPROVAL: \_\_\_\_\_ CHAIRMAN  
 DATE: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_

**SITE PLAN**  
**OPERATIONS AREA #2**  
**3345 WINSTED ROAD**  
**TORRINGTON, CONNECTICUT**

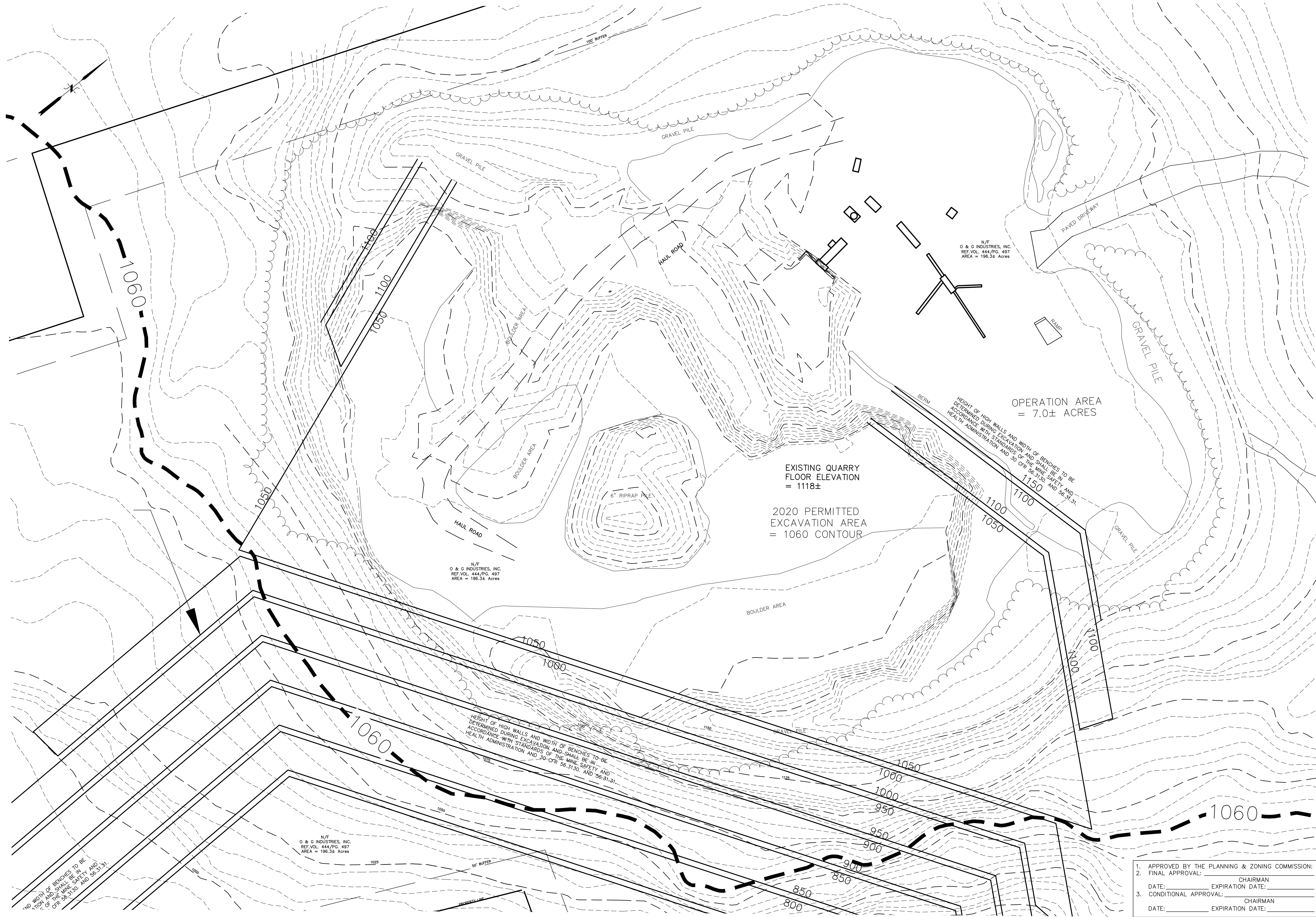
Kenneth S. Hrica P.E.L.S. CT Lic. #0896

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Date: 01/01/21  
 Scale: 1" = 40'  
 Project No.: 06-0027  
 Drawing No.: 060027  
 Map No.: 0027  
 Sheet: C4

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HEIGHT OF HIGH WALLS AND WIDTH OF BENCHES TO BE DETERMINED DURING EXCAVATION AND SHALL BE IN ACCORDANCE WITH STANDARDS OF THE MINE SAFETY AND HEALTH ADMINISTRATION AND 30 CFR 56.3130 AND 56.31-31.

HEIGHT OF HIGH WALLS AND WIDTH OF BENCHES TO BE DETERMINED DURING EXCAVATION AND SHALL BE IN ACCORDANCE WITH STANDARDS OF THE MINE SAFETY AND HEALTH ADMINISTRATION AND 30 CFR 56.3130 AND 56.31-31.

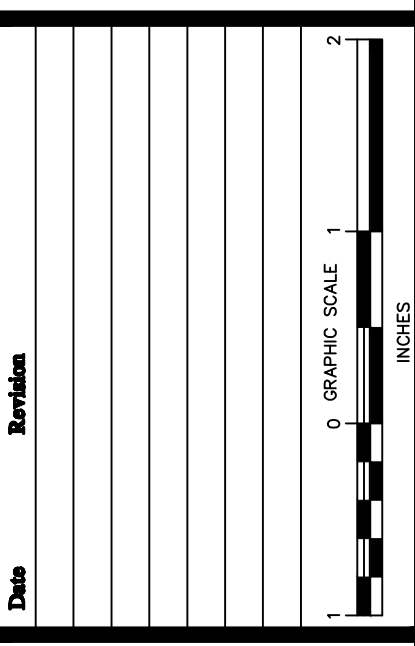
HEIGHT OF HIGH WALLS AND WIDTH OF BENCHES TO BE DETERMINED DURING EXCAVATION AND SHALL BE IN ACCORDANCE WITH STANDARDS OF THE MINE SAFETY AND HEALTH ADMINISTRATION AND 30 CFR 56.3130 AND 56.31-31.

N/T  
O & G INDUSTRIES, INC.  
REF. VOL. 444/PG. 497  
AREA = 196.3± Acres

N/T  
O & G INDUSTRIES, INC.  
REF. VOL. 444/PG. 497  
AREA = 196.3± Acres

N/T  
O & G INDUSTRIES, INC.  
REF. VOL. 444/PG. 497  
AREA = 196.3± Acres

1. APPROVED BY THE PLANNING & ZONING COMMISSION:	CHAIRMAN
2. FINAL APPROVAL:	CHAIRMAN
DATE:	EXPIRATION DATE:
3. CONDITIONAL APPROVAL:	CHAIRMAN
DATE:	EXPIRATION DATE:



Date: 01/01/21  
 Scale: 1" = 40'  
 Project No.: 06-0027  
 Drawing No.: 060027  
 Map No.: 0027  
 Sheet: C5

**SITE PLAN**  
**QUARRY AREA #2**  
**3345 WINSTED ROAD**  
**TORRINGTON, CONNECTICUT**

Kenneth S. Hrica P.E.L.S. CT Lic. #0896

**Hrica Associates LLC**  
**Engineers**

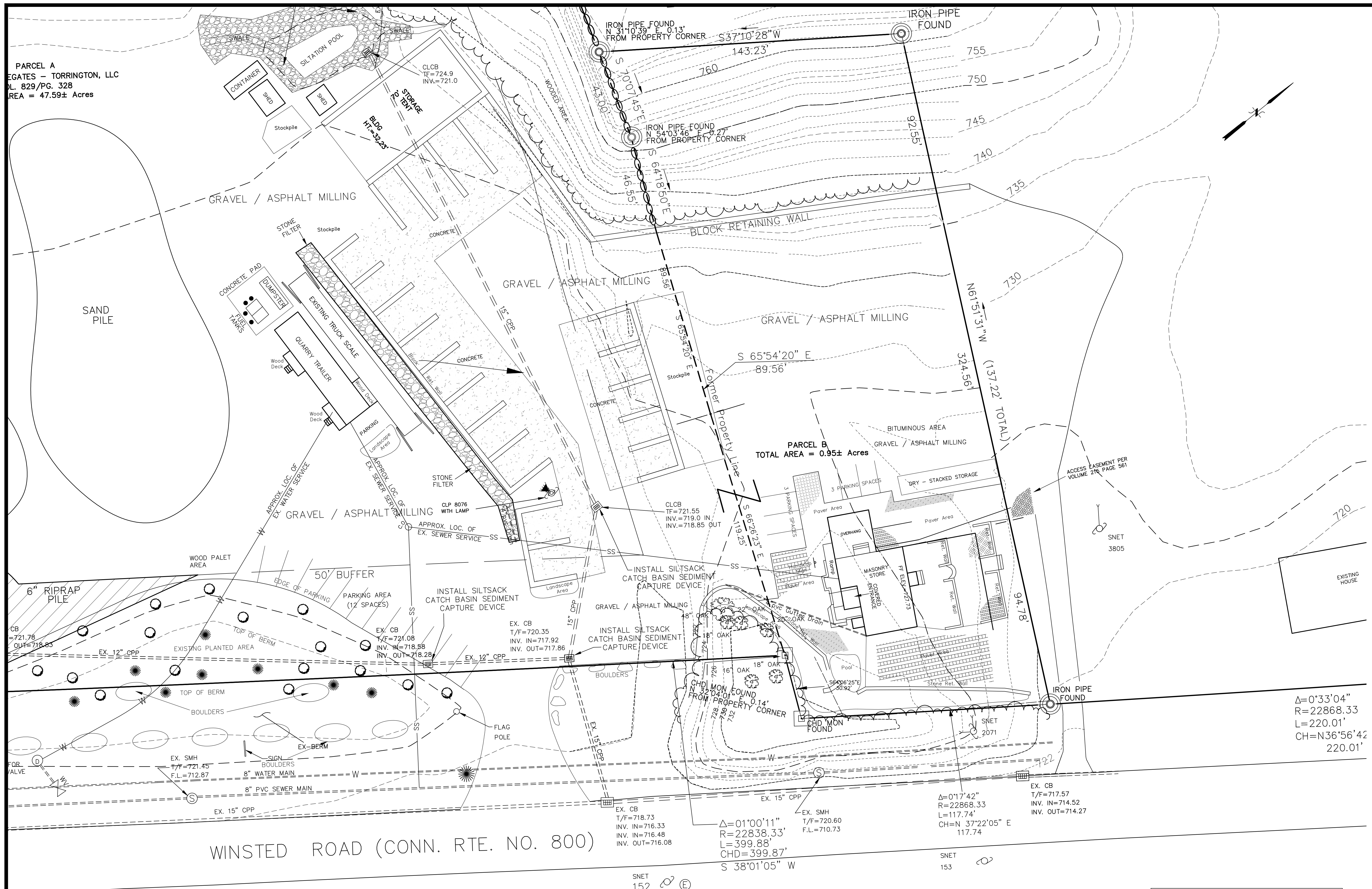
**Surveyors**

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 e-mail: hricassoc@optonline.net

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PARCEL A  
 REGATES - TORRINGTON, LLC  
 PL. 829/Pg. 328  
 AREA = 47.59± Acres

PARCEL B  
 TOTAL AREA = 0.95± Acres



WINSTED ROAD (CONN. RTE. NO. 800)

$\Delta=0^{\circ}33'04''$   
 $R=22868.33$   
 $L=220.01'$   
 $CH=N36^{\circ}56'42''$   
 $220.01'$

$\Delta=01^{\circ}00'11''$   
 $R=22838.33'$   
 $L=399.88'$   
 $CH=399.87'$   
 $S 38^{\circ}01'05'' W$

$\Delta=01^{\circ}17'42''$   
 $R=22868.33$   
 $L=117.74'$   
 $CH=N 37^{\circ}22'05'' E$   
 $117.74'$

EX. CB  
 T/F=717.57  
 INV. IN=714.52  
 INV. OUT=710.27

EX. CB  
 T/F=718.73  
 INV. IN=716.33  
 INV. IN=716.48  
 INV. OUT=716.08

EX. CB  
 T/F=720.35  
 INV. IN=717.92  
 INV. OUT=717.86

EX. CB  
 T/F=721.08  
 INV. IN=718.88  
 INV. OUT=718.28

EX. CB  
 T/F=721.78  
 INV. IN=718.85

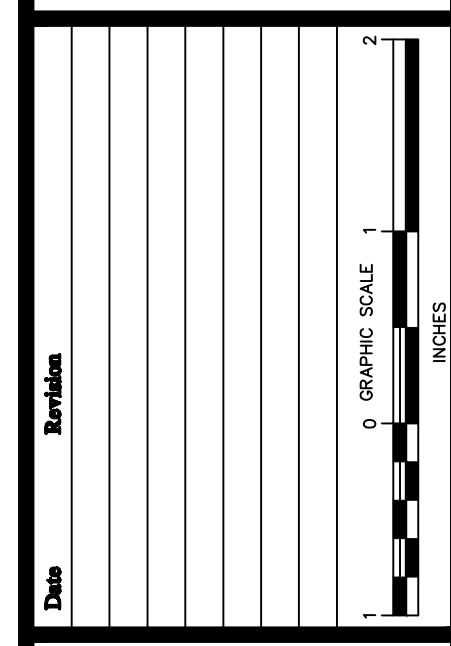
**Hrica Associates LLC**  
**Engineers**  
**Surveyors**

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CT Lic. #18866  
 Kenneth S. Hrica, P.E., P.S.

**SITE PLAN**  
**RETAIL AREA**  
**3217 WINSTED ROAD**  
**TORRINGTON, CONNECTICUT**



- APPROVED BY THE PLANNING & ZONING COMMISSION:
- FINAL APPROVAL: \_\_\_\_\_ CHAIRMAN  
 DATE: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_
- CONDITIONAL APPROVAL: \_\_\_\_\_ CHAIRMAN  
 DATE: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_

Date: 01/01/21  
 Scale: 1" = 20'  
 Project No.: 06-0027  
 Drawing No.: 060027  
 Map No.: 0027  
 Sheet: C6

SNET  
 150

SNET  
 151

SNET  
 152

EX. BELL MH  
 T/F=719.18

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## (PS) PERMANENT SEEDING

SEED MIXTURES FOR PERMANENT SEEDING			
No.	SEED MIXTURE (VARIETY)	LBS./ACRE	LBS./1,000 SQ. FT.
<b>SEEDING WITH A PERMANENT SEED MIXTURE WITHIN 7 DAYS AFTER ESTABLISHING FINAL GRADES OR WHEN GRADING WORK WITHIN A DISTURBED AREA IS TO BE SUSPENDED FOR A PERIOD OF MORE THAN 1 YEAR. SEEDING IS RECOMMENDED FROM APRIL 1 THROUGH JUNE 15 AND AUGUST 15 THROUGH OCTOBER 1.</b>			
FOR THE COASTAL TOWNS AND IN THE CONNECTICUT RIVER VALLEY FINAL FALL SEEDING DATES CAN BE EXTENDED AN ADDITIONAL 15 DAYS, AND DORMANT OR FROST CRACK SEEDING IS DONE AFTER THE GROUND IS FROZEN.			
<b>A. SITE PREPARATION</b>			
GRADE IN ACCORDANCE WITH THE SITE GRADING PLAN. INSTALL ALL SURFACE WATER CONTROLS. FOR AREAS TO BE MOVED REMOVE ALL STONES 2 INCHES OR LARGER. REMOVE ALL OTHER DEBRIS SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLOCKS, LUMPS OR OTHER UNSUITABLE MATERIAL.			
NOTE: ON AREAS WHERE WOOD CHIPS AND/OR BARK MULCH WAS PREVIOUSLY APPLIED, EITHER REMOVE THE MULCH OR INCORPORATE IT INTO THE SOIL WITH A NITROGEN FERTILIZER. ADDED NITROGEN APPLICATION RATE IS DETERMINED BY SOIL TEST AT TIME OF SEEDING. ANTICIPATE 12lb NITROGEN PER TON OF WOOD CHIPS AND/OR BARK MULCH.			
DO NOT USE PERMANENT SEEDING ON SLOPES STEEPER THAN 2 TO 1.			
<b>B. SEEDING PREPARATION</b>			
APPLY TOPSOIL IF NECESSARY.			
APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TESTS SUCH AS THOSE OFFERED BY THE UNIVERSITY OF CONNECTICUT SOIL TESTING LABORATORY. SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL COOPERATIVE EXTENSION SERVICE OFFICE. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIOUS SITES OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 300 POUNDS PER ACRE OR 7.5 POUNDS PER 1,000 SQUARE FEET USING 10-10-10 OR EQUIVALENT. IN ADDITION, 300 POUNDS OF 38-0-0 PER ACRE OR EQUIVALENT OF SLOW RELEASE NITROGEN MAY BE USED FOR TOPDRESSING. APPLY GROUND LIMESTONE (EQUIVALENT TO 50 PERCENT CALCIUM PLUS MAGNESIUM OXIDE) AS FOLLOWS:			
<b>SOIL TEXTURE</b>			
	TONS/AC.	LBS./1,000 SQ. FT.	
CLAY, CLAY LOAM AND	3	135	
HIGH ORGANIC SOIL	2	90	
SANDY LOAM, LOAM,	1	45	
SILT LOAM	2	90	
LOAMY SAND, SAND	1	45	
REFER TO COUNTY SOIL SURVEY REPORT FOR SOIL TEXTURES AT THE SITE.			
WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGS, TOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE SEEDBED IS PREPARED. ALL BUT CLAY OR SILTY SOILS WHEREVER FEASIBLE SHOULD BE ROLLED TO FIRM THE SEEDBED. REMOVE FROM THE SURFACE ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION. REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLOCKS, LUMPS OR OTHER UNSUITABLE MATERIAL. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED AND FIRMED AS ABOVE.			
<b>D. SEEDING</b>			
SELECT A MIXTURE FROM BELOW OR USE MIXTURE RECOMMENDED BY THE SOIL CONSERVATION SERVICE. INOCULATE ALL LEGUME SEED WITH THE CORRECT TYPE AND AMOUNT OF INOCULANT.			
APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTEPACKEER TYPE SEEDER OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). NORMAL SEEDING DEPTH IS FROM 1/4 TO 1/2 INCH. HYDROSEEDING WHICH ARE MULCHED MAY BE LEFT ON SOIL SURFACE.			
WHERE FEASIBLE, EXCEPT WHERE EITHER A CULTEPACKEER TYPE SEEDER OR HYDROSEEDER IS USED, THE SEEDBED SHOULD BE FIRMS FOLLOWING SEEDING OPERATIONS WITH A ROLLER, OR LIGHT DRAG. SEEDING OPERATIONS SHOULD BE ON THE CONTOUR.			
HYDRAULIC APPLICATION (HYDROSEEDING) IS A SUITABLE METHOD FOR USE IN CRITICAL AREAS. WHEN HYDROSEEDING, A SEEDBED IS PREPARED IN THE CONVENTIONAL WAY OR BY HAND RAKING TO LOOSEN AND SMOOTH THE SOIL. SURFACE STONES LARGER THAN SIX INCHES IN DIAMETER. SLOPES MUST BE NO STEEPER THAN 2 TO 1 (2 FEET HORIZONTALLY TO 1 FOOT VERTICALLY). LIME AND FERTILIZER MAY BE APPLIED SIMULTANEOUSLY WITH THE SEED. THE USE OF FIBER MULCH ON CRITICAL AREAS IS NOT RECOMMENDED UNLESS IT IS USED TO HOLD STRAW OR HAY. FIBER MULCH DOES NOT PROVIDE ADEQUATE SEEDBED PROTECTION. BETTER PROTECTION IS GAINED BY USING STRAW MULCH AND HOLDING IT WITH OVERLAPPING MATERIALS OR 500 POUNDS PER ACRE OF WOOD FIBER MULCH. SEEDING RATES MUST BE INCREASED 10 PERCENT WHEN HYDROSEEDING.			
SEED WARM SEASON GRASSES DURING THE SPRING PERIOD ONLY.			
APPLY MULCH ACCORDING TO THE TEMPORARY MULCHING MEASURE OF THE GUIDELINES.			
IF SEEDING CANNOT BE DONE WITHIN THE SEEDING DATES, USE THE TEMPORARY MULCHING MEASURE IN THE GUIDELINES TO PROTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT RECOMMENDED SEEDING DATE.			
<b>MAINTENANCE</b>			
<b>INITIAL ESTABLISHMENT</b>			
INSPECT SEEDING AREA AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCH OR GREATER DURING THE GROWING SEASON.			
WHERE SEED HAS BEEN REMOVED OR WHERE SOIL EROSION HAS OCCURRED DETERMINE THE CAUSE OF THE DAMAGE. BIRD DAMAGE MAY BE PROBLEM IF MULCH WAS APPLIED TO THINLY TO PROTECT SEED. RE-SEED AND RE-MULCH. IF MOVEMENT WAS THE RESULT OF WIND REPAIR EROSION DAMAGE ANY, RE-APPLY SEED AND MULCH, AND APPLY MULCH ANCHORING FAILURE WAS CAUSED BY CONCENTRATED WATER. (1) INSTALL ADDITIONAL MEASURES TO CONTROL WATER AND SEDIMENT MOVEMENT, (2) REPAIR EROSION DAMAGE, (3) RE-SEED AND (4) RE-APPLY MULCH WITH ANCHORING OR USE "TEMPORARY EROSION CONTROL BLANKET AND/OR PERMANENT".			
TURF REINFORCEMENT MAT MEASURE.			
CONTINUE INSPECTION UNTIL AT LEAST 100 PLANTS PER SQUARE FOOT HAVE GERMINATED 6 INCHES TALL OR UNTIL THE FIRST MOWING.			
<b>FIRST MOWING</b>			
ALLOW THE MAJORITY OF PLANTS TO ACHIEVE A HEIGHT OF AT LEAST 6 INCHES BEFORE MOWING THE FIRST TIME. DO NOT MOW WHILE THE SURFACE IS WET. MOWING WHILE THE SURFACE IS WET MAY PULL MANY SEEDLINGS FROM THE SOIL AND OFTEN LEAVES A SERIES OF UNNECESSARY RUTS. THE FIRST MOWING SHOULD REMOVE APPROXIMATELY ONE THIRD OF THE GRASS, DEPENDING ON THE TYPE OF GRASS. AND WHERE IT IS BEING USED, DO NOT MOW GRASS BELOW 3 INCHES.			
SEEDING WAS MULCHED, DO NOT ATTEMPT TO RAKE OUT THE MULCHING MATERIAL. NORMAL MOWING WILL GRADUALLY REMOVE ALL UNWANTED DEBRIS.			
ONE THIRD OF THE GROWTH, DEPENDING ON THE TYPE OF GRASS.			
<b>LONG TERM MAINTENANCE</b>			
MOW AND FERTILIZE AT A RATE THAT SUSTAINS AN AREA CONDITION THAT SUPPORTS THE INTENDED USE. IF APPROPRIATE THE HEIGHT OF THE CUT MAY BE ADJUSTED DOWNWARD, BY DEGREES, AS NEW PLANTS BECOME ESTABLISHED. CARRY OUT ANY FERTILIZATION PROGRAM ACCORDANCE WITH APPROVED SOIL TEST THAT DETERMINE THE PROPER AMOUNT OF LIME AND FERTILIZER NEED TO MAINTAIN A PRODUCE SOD YET PREVENT EXCESSIVE LEACHING OF NUTRIENTS TO THE GROUND-WATER OR RUNOFF TO SURFACE WATER.			
ALTHOUGH WEEDS MAY APPEAR TO A PROBLEM, THEY SHADE THE NEW SEEDLINGS AND HELP CONSERVE SURFACE MOISTURE. DO NOT APPLY WEED CONTROL UNTIL THE NEW SEEDLING HAVE BEEN MOWED AT LEAST FOUR TIMES.			
<b>SELECTING SEED MIX TO MATCH NEED</b>			
AREA TO BE SEED MIXTURE NUMBER			
	MOWING DESIRED	MOWING NOT REQUIRED	
<b>BORROW AREAS, ROADSIDES.</b>			
DRIVEN LEAVES, POND BANKS AND OTHER SLOPES AND BANKS			
A) WELL OR EXCESSIVELY DRAINED SOILS	1,2,3,4,5, OR 8	5,6,7,8,9,10,11,12,16,22	
B) SOMEWHAT POORLY DRAINED SOILS	2	5,6	
C) VARIABLE DRAINAGE SOILS	2	5,6,11	
DRAINAGE DITCH AND CHANNEL BANKS			
A) WELL OR EXCESSIVELY DRAINED SOILS 1,2,3, OR 4			
B) SOMEWHAT POORLY DRAINED SOILS	2	9,10,11,12	
C) VARIABLE DRAINAGE SOILS	2		
<b>DIVERSIONS</b>			
A) WELL OR EXCESSIVELY DRAINED SOILS 2,3, OR 4		9,10,11	
B) SOMEWHAT POORLY DRAINED SOILS	2		
C) VARIABLE DRAINAGE SOILS	2	5 OR 6	
<b>EFFLUENT DISPOSAL</b>			
GULLED AND ERODED AREAS		26,27,28	
MINERAL & WASTE		3,4,5,8,10,11,12	
AND OTHER SPILL BANKS		15,16,17,18,26,27,28	
(IF TOXIC SUBSTANCES AND PHYSICAL PROPERTIES NOT LISTED)			
SHORELINES (FLUCTUATING WATER LEVELS)		5 OR 6	
SUNNY RECREATION AREAS	1,2,3,4,6,7, OR 8	1,2,3,4,6,7, OR 8	
SHADY RECREATION AREAS	1,2, OR 2,3		

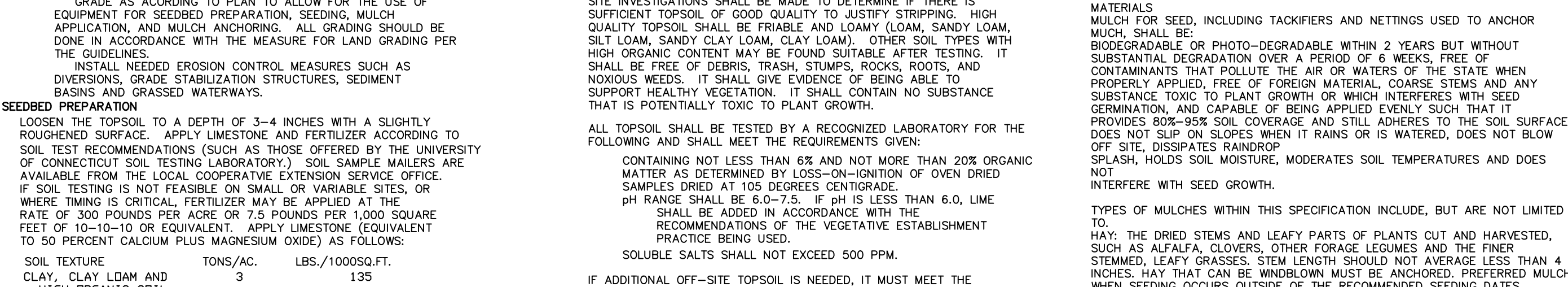
## (GSF) GEOSYNTHETIC SILT FENCE

SEDIMENT BARRIERS SPECIFICATIONS			
PHYSICAL PROPERTY	TEST METHOD	MINIMUM REQUIREMENT	75% (MIN)
<b>FILTERING EFFICIENCY</b>			
ASTM 5141			
GRAB TENSILE STRENGTH (LBS.)	ASTM D4632	100 LBS.	
ELONGATION @ FAILURE	ASTM D4632	15%	
BROMOGRASS (SARATOGA, LINCOLN)	ASTM D3789	250 PSF	
PUNCTURE STRENGTH	ASTM 4833	50 LBS.	
APPARENT OPENING SIZE	ASTM D4751	NO LESS THAN 0.90MM	
		AND NO GREATER THAN	
0.60 MM			
FLOW RATE	ASTM D4491	0.2 GAL/FT <sup>2</sup> /MIN	
PERMEABILITY	ASTM D4491	0.05 SEC. -1 (MIN)	
ULTRAVIOLET RADIATION STABILITY %	ASTM-D4355	70% AFTER 500 HOURS OF EXPOSURE (MIN)	
<b>GEOTEXTILE SILT FENCE SLOPE/LENGTH LIMITATIONS</b>			
SLOPE STEEPNESS 1		SLOPE LENGTH AND WING SPACING	
5:1 OR FLATTER			
3:1 TO 5:1		75 FEET	
2:1 TO 3:1		50 FEET	
<b>MATERIALS</b>			
GEOTEXTILE FABRIC SHALL BE A PERVIOUS SHEET OF POLYPROPYLENE, NYLON, POLYESTER, ETHYLENE OR SIMILAR FILAMENTS AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE REQUIREMENTS SHOWN. THE GEOTEXTILE SHALL BE NON-TORRIBLE, ACID AND ALKALI RESISTANT AND HAVE SUFFICIENT STRENGTH AND PERMEABILITY FOR THE PURPOSE INTENDED, INCLUDING FASTENING THE BACKFILL OPERATIONS. FILAMENTS IN THE GEOTEXTILE SHALL BE RESISTANT TO ABSORPTION. THE FILAMENT NETWORK MUST BE DIMENSIONALLY STABLE AND RESISTANT TO DE-LAMINATION. THE GEOTEXTILE SHALL BE FREE OF ANY CHEMICAL TREATMENT OR COATING THAT WILL REDUCE ITS PERMEABILITY. THE PHYSICAL SHALL ALSO BE FREE OF ANY FLAWS OR DEFECTS WHICH WILL ALTER ITS PHYSICAL PROPERTIES. TORN OR PUNCTURED GEOTEXTILES SHALL NOT BE USED.			
SUPPORTING POSTS SHALL BE AT LEAST 42 INCHES LONG MADE OF EITHER 1.5 INCH SQUARE HARDWOOD STAKES OR STEEL POSTS WITH PROJECTIONS FOR FASTENING THE GEOTEXTILE POSSESSING A MINIMUM STRENGTH OF 0.5 POUND PER LINEAR FOOT.			
<b>PLACEMENT ON THE LANDSCAPE</b>			
LOCATE 5-10 FEET DOWN GRADIENT FROM THE TOE OF THE SLOPE. GENERALLY ON THE CONTOUR WITH MAINTENANCE AND SEDIMENT REMOVAL REQUIREMENTS IN MIND. WHEN THE CONTOUR CANNOT BE FOLLOWED INSTALL THE FENCE SUCH THAT PERPENDICULAR WINGS ARE CREATED TO BREAK THE VELOCITY OF WATER FLOWING DOWN THE FENCE.			
<b>SWALE SLOPING</b>			
SWALE SLOPING: LOCATE "U" SHAPE ACROSS SWALE SUCH THAT THE BOTTOM OF BOTH ENDS OF THE FENCE ARE HIGHER THAN THE TOP OF THE LOWEST SECTION OF THE FENCE.			
<b>CATCH BASINS IN SWALE ON SLOPES</b>			
LOCATE 2 "U" SHAPES ACROSS SWALE AS ABOVE. ONE IMMEDIATELY UP SLOPE FROM THE CATCH BASIN AND THE OTHER IMMEDIATELY DOWN SLOPE FROM THE CATCH BASIN.			
<b>CATCH BASINS IN DEPRESSIONS</b>			
ENCIRCLE ENTIRE CATCH BASIN.			
<b>CULVERT INLETS</b>			
LOCATE IN "U" SHAPES APPROXIMATELY 6 FEET FROM THE CULVERT IN THE DIRECTION OF THE INCOMING FLOW.			
<b>CULVERT OUTLETS</b>			
LOCATE ACROSS THE SWALE AT LEAST 6 FEET FROM THE CULVERT OUTLET.			
<b>INSTALLATION</b>			
TRENCH EXCAVATION: EXCAVATE A TRENCH A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE ON THE UP SLOPE SIDE OF THE FENCE LOCATION. FOR SLOPE AND SWALE INSTALLATIONS, EXTEND THE ENDS OF THE TRENCH SUFFICIENTLY UP SLOPE SUCH THAT BOTTOM END OF THE FENCE WILL BE HIGHER THAN THE TOP OF THE LOWEST PORTION OF THE FENCE. WHEN THE FENCE IS NOT TO BE INSTALLED ON VOLUMES OF SEDIMENT, FOR CATCH BASINS IN HOLLOWES, DRIVE POSTS AT EACH CORNER OF THE CATCH BASIN.			
GEOTEXTILE FILTER FABRIC: STAPLE OR SECURE THE GEOTEXTILE TO THE SUPPORT POSTS PER MANUFACTURER'S INSTRUCTION SUCH THAT AT LEAST 6 INCHES OF GEOTEXTILE LIES WITHIN THE TRENCH. THE HEIGHT OF THE FENCE DOES NOT EXCEED 30 INCHES AND THE GEOTEXTILE IS TIGHT BETWEEN THE POSTS. WHEN TRENCH IS OBSTRUCTED BY STONES, TREE ROOTS, ETC. ALLOW THE GEOTEXTILE TO LAY OVER THE OBSTRUCTION SUCH THAT THE BOTTOM OF THE GEOTEXTILE POINTS UP SLOPE.			
IN THE ABSENCE OF MANUFACTURER'S INSTRUCTIONS, SPACE WIRE STAPLES ON WOODEN STAKES AT A MAXIMUM OF 4 INCHES APART AND ALTERNATE THEIR POSITION FROM PARALLEL TO THE AXIS OF THE STAKE TO PERPENDICULAR. DO NOT STAPLE THE GEOTEXTILE TO LIVING TREES.			
PROVIDE REINFORCEMENT FOR THE FENCE WHEN IT CAN BE EXPOSED TO HIGH WINDS. WHEN JOINTS ARE OBTAINED BY FABRIC ARE NECESSARY, SPRUCE TOGETHER ONLY AT A SUPPORT POSTS, AND SECURELY SEAL (SEE MANUFACTURER'S RECOMMENDATIONS).			
<b>BACKFILL &amp; COMPACTION:</b> BACKFILL THE TRENCH WITH TAMPED SOIL OR AGGREGATE OVER THE GEOTEXTILE. WHEN THE TRENCH IS OBSTRUCTED BY A STONE, TREE ROOT, ETC. MAKE SURE THE BOTTOM OF THE GEOTEXTILE LIES HORIZONTAL ON THE GROUND WITH THE RESULTING FLAP ON THE UP SLOPE SIDE OF THE GEOTEXTILE AND BURY THE FLAP 6 INCHES OF TAMPED SOIL, OR AGGREGATE.			
<b>MAINTENANCE</b>			
INSPECT THE SILT FENCE AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCH OR GREATER TO DETERMINE MAINTENANCE NEEDS. WHEN USED FOR DRAINING OPERATIONS, INSPECT WATER, SOIL AND SEDIMENT DEPOSITIONS TO CONTROL WATER AND SEDIMENT MOVEMENT. IF ROOM ALLOWS, INSTALL A SECONDARY SILT FENCE UP SLOPE OF THE EXISTING FENCE WHEN SEDIMENT DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE EXISTING FENCE. REPLACE OR REPAIR THE FENCE WITHIN 24 HOURS OF OBSERVED FAILURE. FAILURE OF THE FENCE HAS OCCURRED WHEN SEDIMENT FILL IS RETAINED BY THE FENCE BECAUSE (A) THE BARRIER HAS BEEN OVER TOPPED, UNDERCUT OR BYPASSED BY RUNOFF WATER; (B) THE BARRIER HAS BEEN MOVED OUT OF POSITION, OR (C) WHEN REPETITIVE FAILURES OCCUR AT THE SAME LOCATION, REVIEW CONDITIONS AND CONDITIONS FOR USE AND DETERMINE IF ADDITIONAL CONTROLS (E.G. TEMPORARY STABILIZATION OF CONTRIBUTING AREA, DIVERSIONS, STONE BARRIERS OR HAY BALE BACKING) ARE NEEDED TO REDUCE FAILURE RATE. MAINTAIN THE SILT FENCE UNTIL THE CONTRIBUTING AREA IS STABILIZED BY THE UP SLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE THE SILT FENCE.			
APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTEPACKEER TYPE SEEDER OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). HYDROSEEDING, WHICH INCLUDE MULCH, MAY BE LEFT ON SOIL SURFACE. SEEDING RATES MUST BE INCREASED 10 PERCENT WHEN HYDROSEEDING.			
-MULCHING-			
TEMPORARY SEEDING MADE FROM OPTIMUM SEEDING DATES SHALL BE MULCHED ACCORDING TO THE "MULCH FOR SEED" MEASURE. NOTE WHEN SEEDING OUTSIDE OF THE OPTIMUM SEEDING DATES, INCREASE THE APPLICATION OF MULCH TO PROVIDE 95%-100% COVERAGE.			

SEDIMENT BARRIERS SPECIFICATIONS			
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## (GSF) SEDIMENT FENCE DETAIL

N.T.S. REFERENCE: 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL HANDBOOK.



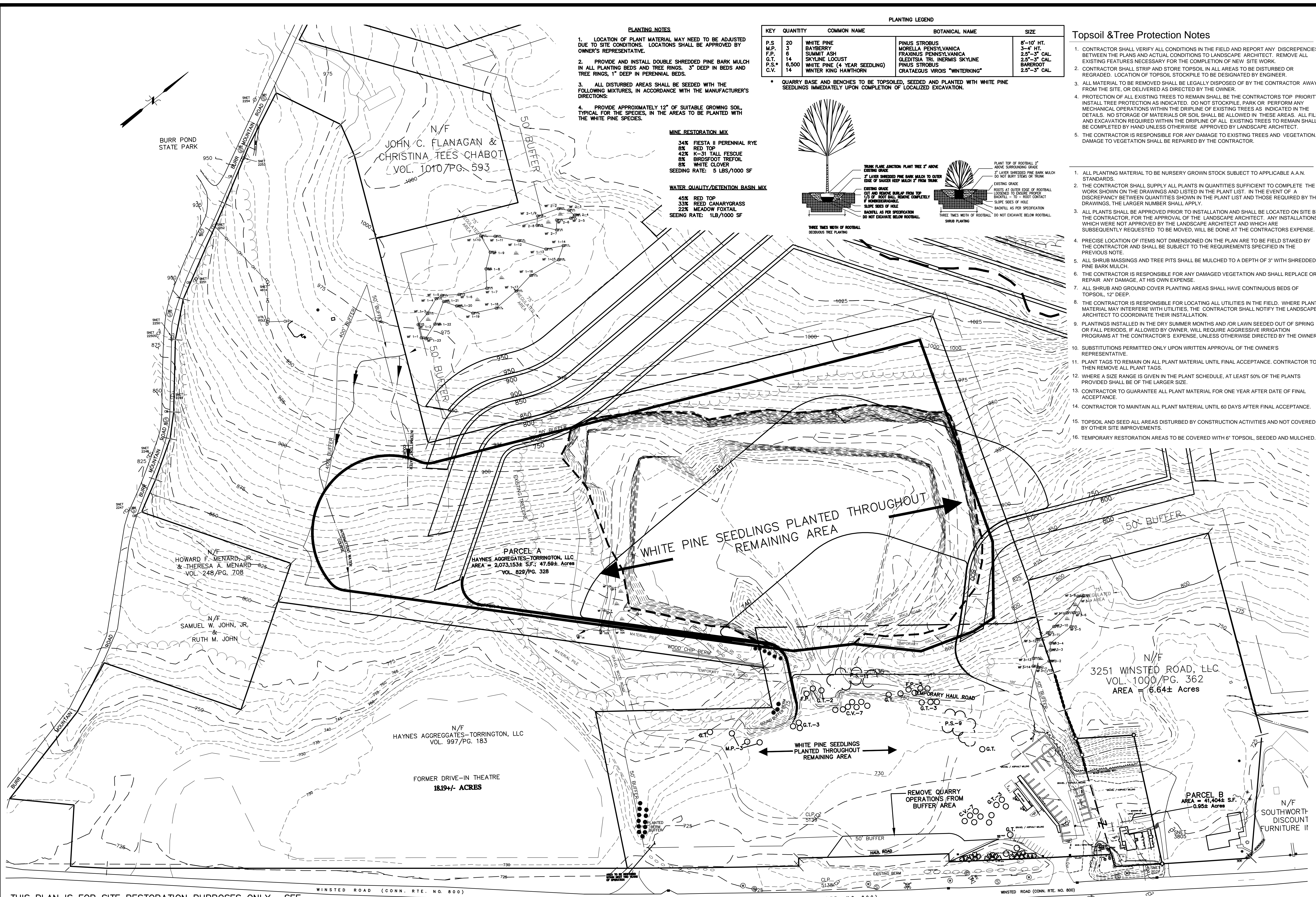
(GSF) SEDIMENT FENCE DETAIL

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## (TS) TEMPORARY SEEDING

SEED MIXTURES FOR PERMANENT SEEDING			
No.	SEED MIXTURE (VARIETY)	LBS./ACRE	LBS./1,000 SQ. FT.
<b>SEEDING WITH A PERMANENT SEED MIXTURE WITHIN 7 DAYS AFTER ESTABLISHING FINAL GRADES OR WHEN GRADING WORK WITHIN A DISTURBED AREA IS TO BE SUSPENDED FOR A PERIOD OF MORE THAN 1 YEAR. SEEDING IS RECOMMENDED FROM APRIL 1 THROUGH JUNE 15 AND AUGUST 15 THROUGH OCTOBER 1.</b>			
FOR THE COASTAL TOWNS AND IN THE CONNECTICUT RIVER VALLEY FINAL FALL SEEDING DATES CAN BE EXTENDED AN ADDITIONAL 15 DAYS, AND DORMANT OR FROST CRACK SEEDING IS DONE AFTER THE GROUND IS FROZEN.			
<b>A. SITE PREPARATION</b>			
GRADE IN ACCORDANCE WITH THE SITE GRADING PLAN. INSTALL ALL SURFACE WATER CONTROLS. FOR AREAS TO BE MOVED REMOVE ALL STONES 2 INCHES OR LARGER. REMOVE ALL OTHER DEBRIS SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLOCKS, LUMPS OR OTHER UNSUITABLE MATERIAL.			
NOTE: ON AREAS WHERE WOOD CHIPS AND/OR BARK MULCH WAS PREVIOUSLY APPLIED, EITHER REMOVE THE MULCH OR INCORPORATE IT INTO THE SOIL WITH A NITROGEN FERTILIZER. ADDED NITROGEN APPLICATION RATE IS DETERMINED BY SOIL TEST AT TIME OF SEEDING. ANTICIPATE 12lb NITROGEN PER TON OF WOOD CHIPS AND/OR BARK MULCH.			
DO NOT USE PERMANENT SEEDING ON SLOPES STEEPER THAN 2 TO 1.			
<b>B. SEEDING PREPARATION</b>			
APPLY TOPSOIL IF NECESSARY.			
APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TESTS SUCH AS THOSE OFFERED BY THE UNIVERSITY OF CONNECTICUT SOIL TESTING LABORATORY. SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL COOPERATIVE EXTENSION SERVICE OFFICE. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIOUS SITES OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 300 POUNDS PER ACRE OR 7.5 POUNDS PER 1,000 SQUARE FEET USING 10-10-10 OR EQUIVALENT. IN ADDITION, 300 POUNDS OF 38-0-0 PER ACRE OR EQUIVALENT OF SLOW RELEASE NITROGEN MAY BE USED FOR TOPDRESSING. APPLY GROUND LIMESTONE (EQUIVALENT TO 50 PERCENT CALCIUM PLUS MAGNESIUM OXIDE) AS FOLLOWS:			
<b>SOIL TEXTURE</b>			
	TONS/AC.	LBS./1,000SQ.FT.	
CLAY, CLAY LOAM AND	3	135	
HIGH ORGANIC SOIL	2	90	
SANDY LOAM, LOAM,	1	45	
SILT LOAM	2	90	
LOAMY SAND, SAND	1	45	
REFER TO COUNTY SOIL SURVEY REPORT FOR SOIL TEXTURES AT THE SITE.			
WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGS, TOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE SEEDBED IS PREPARED. ALL BUT CLAY OR SILTY SOILS WHEREVER FEASIBLE SHOULD BE ROLLED TO FIRM THE SEEDBED. REMOVE FROM THE SURFACE ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION. REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLOCKS, LUMPS OR OTHER UNSUITABLE MATERIAL. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED AND FIRMED AS ABOVE.			
<b>D. SEEDING</b>			
SELECT A MIXTURE FROM BELOW OR USE MIXTURE RECOMMENDED BY THE SOIL CONSERVATION SERVICE. INOCULATE ALL LEGUME SEED WITH THE CORRECT TYPE AND AMOUNT OF INOCULANT.			
APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTEPACKEER TYPE SEEDER OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). NORMAL SEEDING DEPTH IS FROM 1/4 TO 1/2 INCH. HYDROSEEDING WHICH ARE MULCHED MAY BE LEFT ON SOIL SURFACE.			
WHERE FEASIBLE, EXCEPT WHERE EITHER A CULTEPACKEER TYPE SEEDER OR HYDROSEEDER IS USED, THE SEEDBED SHOULD BE FIRMS FOLLOWING SEEDING OPERATIONS WITH A ROLLER, OR LIGHT DRAG. SEEDING OPERATIONS SHOULD BE ON THE CONTOUR.			
HYDRAULIC APPLICATION (HYDROSEEDING) IS A SUITABLE METHOD FOR USE IN CRITICAL AREAS. WHEN HYDROSEEDING, A SEEDBED IS PREPARED IN THE CONVENTIONAL WAY OR BY HAND RAKING TO LOOSEN AND SMOOTH THE SOIL. SURFACE STONES LARGER THAN SIX INCHES IN DIAMETER. SLOPES MUST BE NO STEEPER THAN 2 TO 1 (2 FEET HORIZONTALLY TO 1 FOOT VERTICALLY). LIME AND FERTILIZER MAY BE APPLIED SIMULTANEOUSLY WITH THE SEED. THE USE OF FIBER MULCH ON CRITICAL AREAS IS NOT RECOMMENDED UNLESS IT IS USED TO HOLD STRAW OR HAY. FIBER MULCH DOES NOT PROVIDE ADEQUATE SEEDBED PROTECTION. BETTER PROTECTION IS GAINED BY USING STRAW MULCH AND HOLDING IT WITH OVERLAPPING MATERIALS OR 500 POUNDS PER ACRE OF WOOD FIBER MULCH. SEEDING RATES MUST BE INCREASED 10 PERCENT WHEN HYDROSEEDING.			
SEED WARM SEASON GRASSES DURING THE SPRING PERIOD ONLY.			
APPLY MULCH ACCORDING TO THE TEMPORARY MULCHING MEASURE OF THE GUIDELINES.			





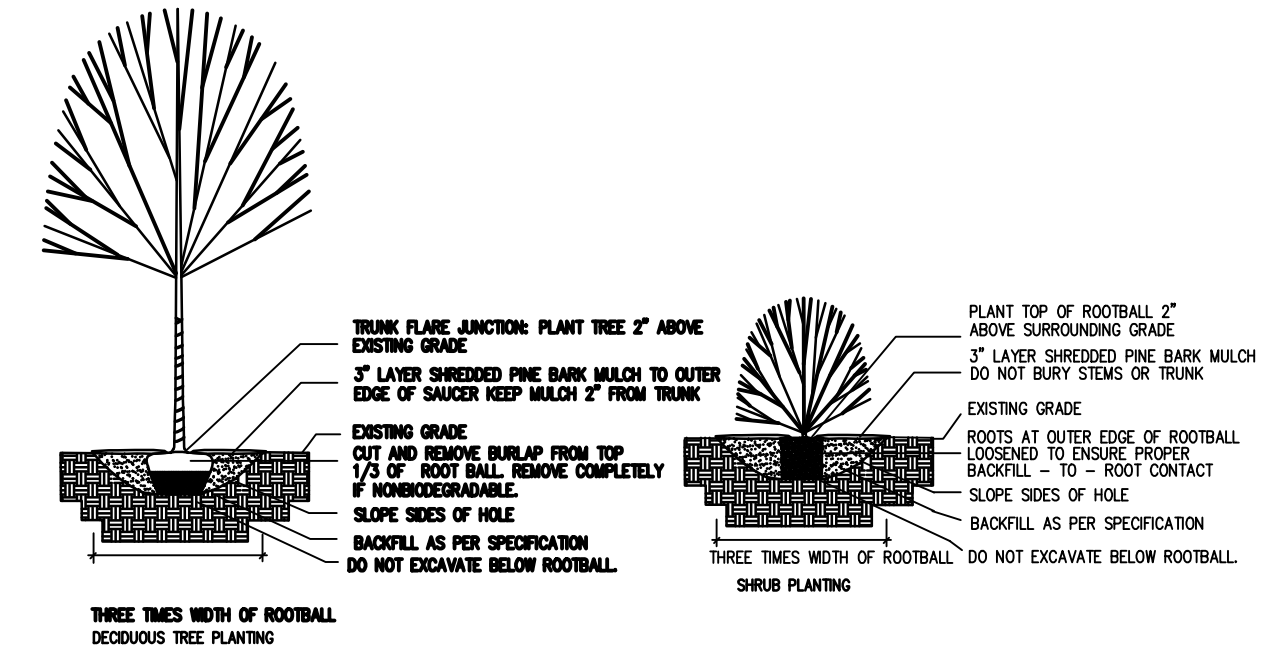
**PLANTING NOTES**

1. LOCATION OF PLANT MATERIAL MAY NEED TO BE ADJUSTED DUE TO SITE CONDITIONS. LOCATIONS SHALL BE APPROVED BY OWNER'S REPRESENTATIVE.
2. PROVIDE AND INSTALL DOUBLE SHREDED PINE BARK MULCH IN ALL PLANTING BEDS AND TREE RINGS. 3" DEEP IN BEDS AND TREE RINGS, 1" DEEP IN PERENNIAL BEDS.
3. ALL DISTURBED AREAS SHALL BE SEEDDED WITH THE FOLLOWING MIXTURES, IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS:
  - MINE RESTORATION MIX**
    - 34% FIESTA II PERENNIAL RYE
    - 8% RED TOP
    - 42% K-31 TALL FESCUE
    - 8% BIRDFOOT TREFLOIL
    - 8% WHITE CLOVER
    - SEEDING RATE: 5 LBS/1000 SF
  - WATER QUALITY/DETENTION BASIN MIX**
    - 45% RED TOP
    - 33% REED CANARYGRASS
    - 22% MEADOW FOXTAIL
    - SEEDING RATE: 1LB/1000 SF
4. PROVIDE APPROXIMATELY 12" OF SUITABLE GROWING SOIL, TYPICAL FOR THE SPECIES, IN THE AREAS TO BE PLANTED WITH THE WHITE PINE SPECIES.

**PLANTING LEGEND**

KEY	QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE
P.S.	20	WHITE PINE	PINUS STROBUS	8'-10' HT.
M.P.	3	BAYBERRY	MORELIA PENNSYLVANICA	3'-4' HT.
F.P.	6	SUMMIT ASH	FRAXINUS PENNSYLVANICA	2.5"-3" CAL.
G.T.	14	SKYLINE LOCUST	GLEDTISIA TRI-INERMISS SKYLINE	2.5"-3" CAL.
P.S.*	6,500	WHITE PINE (4 YEAR SEEDLING)	PINUS STROBUS	BAREROOT
C.V.	14	WINTER KING HAWTHORN	CRATAEGUS VIROIS "WINTERKING"	2.5"-3" CAL.

\* QUARRY BASE AND BENCHES TO BE TOPSOILED, SEEDDED AND PLANTED WITH WHITE PINE SEEDLINGS IMMEDIATELY UPON COMPLETION OF LOCALIZED EXCAVATION.



**Topsoil & Tree Protection Notes**

1. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL CONDITIONS TO LANDSCAPE ARCHITECT. REMOVE ALL EXISTING FEATURES NECESSARY FOR THE COMPLETION OF NEW SITE WORK.
  2. CONTRACTOR SHALL STRIP AND STORE TOPSOIL IN ALL AREAS TO BE DISTURBED OR REGRADED. LOCATION OF TOPSOIL STOCKPILE TO BE DESIGNATED BY ENGINEER.
  3. ALL MATERIAL TO BE REMOVED SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR AWAY FROM THE SITE, OR DELIVERED AS DIRECTED BY THE OWNER.
  4. PROTECTION OF ALL EXISTING TREES TO REMAIN SHALL BE THE CONTRACTOR'S TOP PRIORITY. INSTALL TREE PROTECTION AS INDICATED. DO NOT STOCKPILE, PARK OR PERFORM ANY MECHANICAL OPERATIONS WITHIN THE DRILLPIE OF EXISTING TREES AS INDICATED IN THE DETAILS. NO STORAGE OF MATERIALS OR SOIL SHALL BE ALLOWED IN THESE AREAS. ALL FILL AND EXCAVATION REQUIRED WITHIN THE DRILLPIE OF ALL EXISTING TREES TO REMAIN SHALL BE COMPLETED BY HAND UNLESS OTHERWISE APPROVED BY LANDSCAPE ARCHITECT.
  5. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING TREES AND VEGETATION. DAMAGE TO VEGETATION SHALL BE REPAIRED BY THE CONTRACTOR.
1. ALL PLANTING MATERIAL TO BE NURSERY GROWN STOCK SUBJECT TO APPLICABLE A.A.N. STANDARDS.
  2. THE CONTRACTOR SHALL SUPPLY ALL PLANTS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWINGS AND LISTED IN THE PLANT LIST. IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT LIST AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER NUMBER SHALL APPLY.
  3. ALL PLANTS SHALL BE APPROVED PRIOR TO INSTALLATION AND SHALL BE LOCATED ON SITE BY THE CONTRACTOR, FOR THE APPROVAL OF THE LANDSCAPE ARCHITECT. ANY INSTALLATIONS WHICH WERE NOT APPROVED BY THE LANDSCAPE ARCHITECT AND WHICH ARE SUBSEQUENTLY REQUESTED TO BE MOVED, WILL BE DONE AT THE CONTRACTOR'S EXPENSE.
  4. PRECISE LOCATION OF ITEMS NOT DIMENSIONED ON THE PLAN ARE TO BE FIELD STAKED BY THE CONTRACTOR AND SHALL BE SUBJECT TO THE REQUIREMENTS SPECIFIED IN THE PREVIOUS NOTE.
  5. ALL SHRUB MASSINGS AND TREE PITS SHALL BE MULCHED TO A DEPTH OF 3" WITH SHREDED PINE BARK MULCH.
  6. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGED VEGETATION AND SHALL REPLACE OR REPAIR ANY DAMAGE AT HIS OWN EXPENSE.
  7. ALL SHRUB AND GROUND COVER PLANTING AREAS SHALL HAVE CONTINUOUS BEDS OF TOPSOIL, 12" DEEP.
  8. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD. WHERE PLANT MATERIAL MAY INTERFERE WITH UTILITIES, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT TO COORDINATE THEIR INSTALLATION.
  9. PLANTINGS INSTALLED IN THE DRY SUMMER MONTHS AND/OR LAWN SEEDDED OUT OF SPRING OR FALL PERIODS, IF ALLOWED BY OWNER, WILL REQUIRE AGGRESSIVE IRRIGATION PROGRAMS AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE DIRECTED BY THE OWNER.
  10. SUBSTITUTIONS PERMITTED ONLY UPON WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
  11. PLANT TAGS TO REMAIN ON ALL PLANT MATERIAL UNTIL FINAL ACCEPTANCE. CONTRACTOR TO THEN REMOVE ALL PLANT TAGS.
  12. WHERE A SIZE RANGE IS GIVEN IN THE PLANT SCHEDULE, AT LEAST 50% OF THE PLANTS PROVIDED SHALL BE OF THE LARGER SIZE.
  13. CONTRACTOR TO GUARANTEE ALL PLANT MATERIAL FOR ONE YEAR AFTER DATE OF FINAL ACCEPTANCE.
  14. CONTRACTOR TO MAINTAIN ALL PLANT MATERIAL UNTIL 60 DAYS AFTER FINAL ACCEPTANCE.
  15. TOPSOIL AND SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND NOT COVERED BY OTHER SITE IMPROVEMENTS.
  16. TEMPORARY RESTORATION AREAS TO BE COVERED WITH 6" TOPSOIL, SEEDDED AND MULCHED.

THIS PLAN IS FOR SITE RESTORATION PURPOSES ONLY. SEE OVERALL GRADING PLAN AND SITE PLANS FOR SPECIFIC SITE DETAILS.

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**WINSTED ROAD RESTORATION PLAN**  
**3217 WINSTED ROAD**  
**TORRINGTON, CONNECTICUT**

Date: 01/01/21  
 Scale: 1" = 100'  
 Project No.: 06-0027  
 Drawing No.: 060027  
 Map No.: 0027  
 Sheet: C8