INTERIM MINING PLAN

HAYNES AGGREGATES TORRINGTON, LLC - 3217 WINSTED RD

&

O & G INDUSTRIES INC. - 3345 WINSTED RD

TORRINGTON, CONNECTICUT

LIST OF DRAWINGS

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C5	SITE PLAN - QUARRY AREA #2
C6	SITE PLAN - RETAIL AREA
C7	NOTES AND DETAILS
C8	WINSTED ROAD RESTORATION PLAN

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Engineers *Surveyors*

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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: 01/17/2023

ZONING REGULATION 6.4.8.c.

HAYNES AGGREGATES - TORRINGTON LLC

AREA PROPOSED FOR EARTH EXCAVATION:

OPEN EXCAVATION = 19.8 ACRES
OPERATIONS AREA = 7.1 ACRES

TOTAL AREA = 26.9 ACRES

AREA APPROVED FOR RETAIL USE = 1.0 ACRES
(3.7% OF EARTH EXCAVATION AREA)

O & G INDUSTRIES, INC.

AREA PROPOSED FOR EARTH EXCAVATION:

OPEN EXCAVATION = 23.4 ACRES
OPERATIONS AREA = 7.1 ACRES

TOTAL AREA = 30.5 ACRES

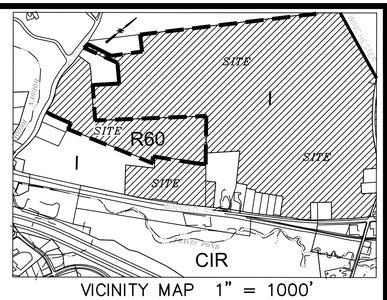
SUMMARY OF ZONING CODE REQUIREMENTS
ZONE: I (INDUSTRIAL)

CODE ITEM	REQUIRED	EXISTING
AREA/DIMENSION:		
MIN. LOT AREA (SQ.FT.)	10,000	2,114,556
MIN. LOT WIDTH (FEET)	80	1317.57
MIN. FRONT YARD (FEET)	10	10
MIN. SIDE YARD (FEET)	25*	25
MIN. REAR YARD (FEET)	25*	25
BUILDING HEIGHT (FEET)	60 MAX.	32.23
USAGE	--	RETAIL + EXCAVATION

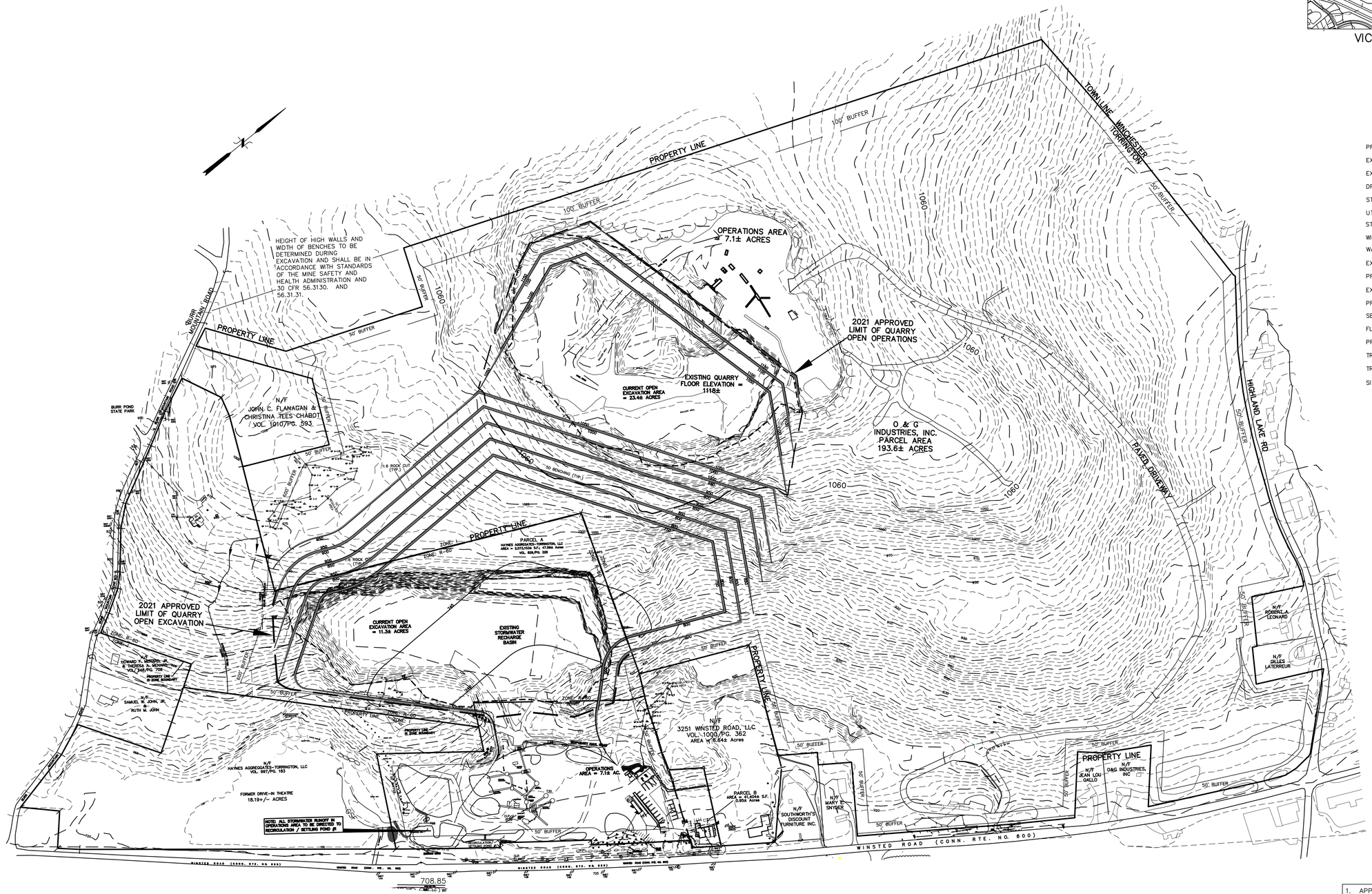
* = ONLY IF ADJACENT TO A RESIDENTIAL ZONE

SUMMARY OF PARKING REQUIREMENTS

	REQUIRED	EXISTING
QUARRY		
PARKING SPACES	12	12
RETAIL		
PARKING SPACES	6	6
HANDICAP SPACES	1	1



VICINITY MAP 1" = 1000'



LEGEND

PROPERTY LINE	
EXISTING MONUMENT	
EXISTING IRON PIN OR PIPE	
DRILL HOLE	
STONE BOUND	
UTILITY POLE	
STONE WALL	
WIRE FENCE	x
WATERCOURSE	
EXISTING CONTOUR	310
PROPOSED CONTOUR	310
EXISTING SPOT ELEVATION	311.5
PROPOSED SPOT ELEVATION	311+5
SEDIMENT FENCE	GSF
FLAGGED WETLANDS	WF 101
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: PER SECTION 6.4.2 OF THE CITY OF TORRINGTON ZONING REGULATIONS, THERE SHALL BE NO EXCAVATION WITHIN THE BUFFER AREAS SHOWN ON THESE PLANS.

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

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

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NOT VALID WITHOUT ORIGINAL SEAL

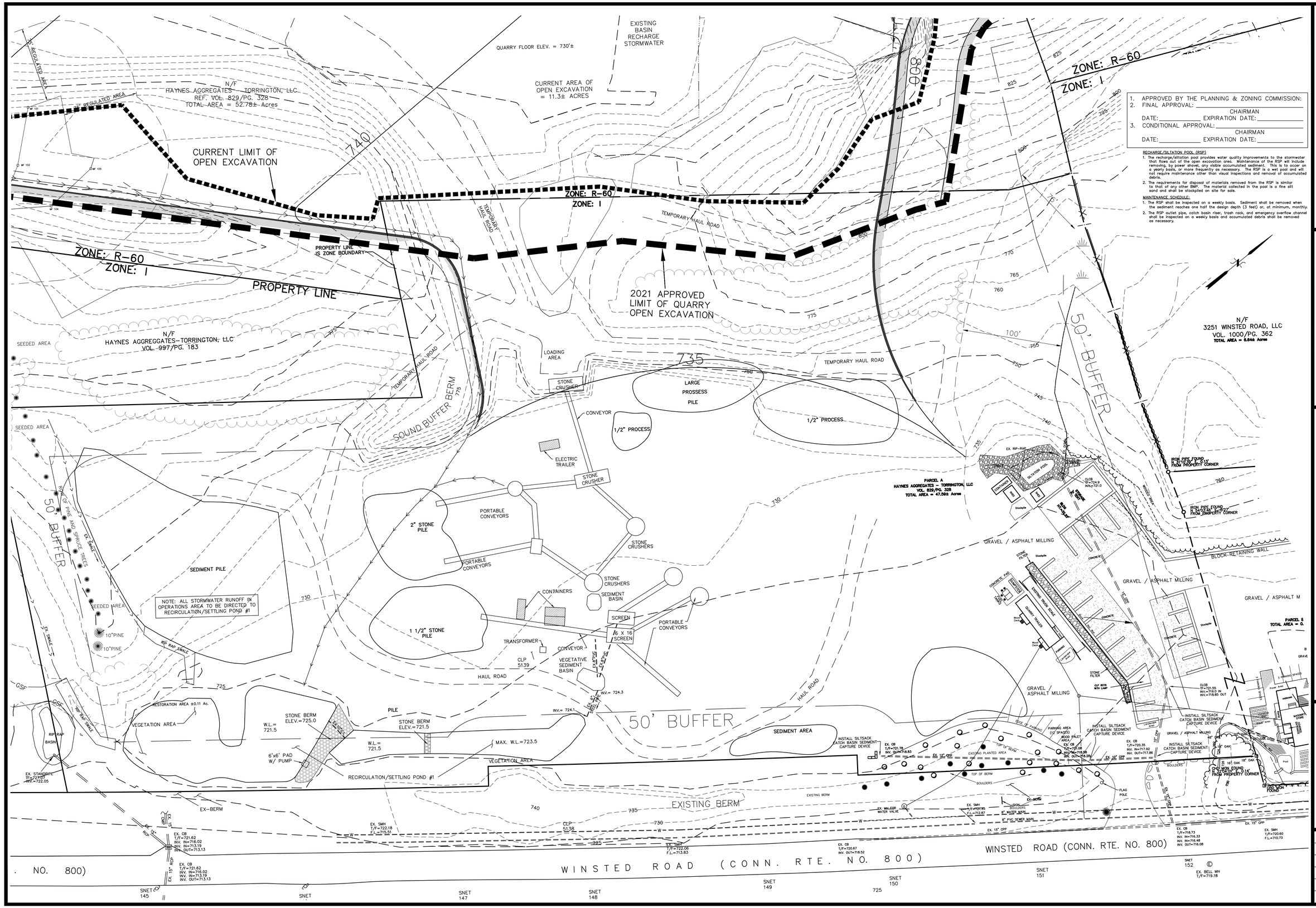
OVERALL MINING PLAN

3217 WINSTED ROAD & 3345 WINSTED ROAD TORRINGTON, CONNECTICUT

Date	Revision
03/01/21	STAFF REVIEW COMMENTS
03/11/21	600' BURR MTN. BUFFER ADDED
01/17/23	BIENNIAL PLAN UPDATE

0 GRAPHIC SCALE 1 2 INCHES

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



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   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 occer 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.

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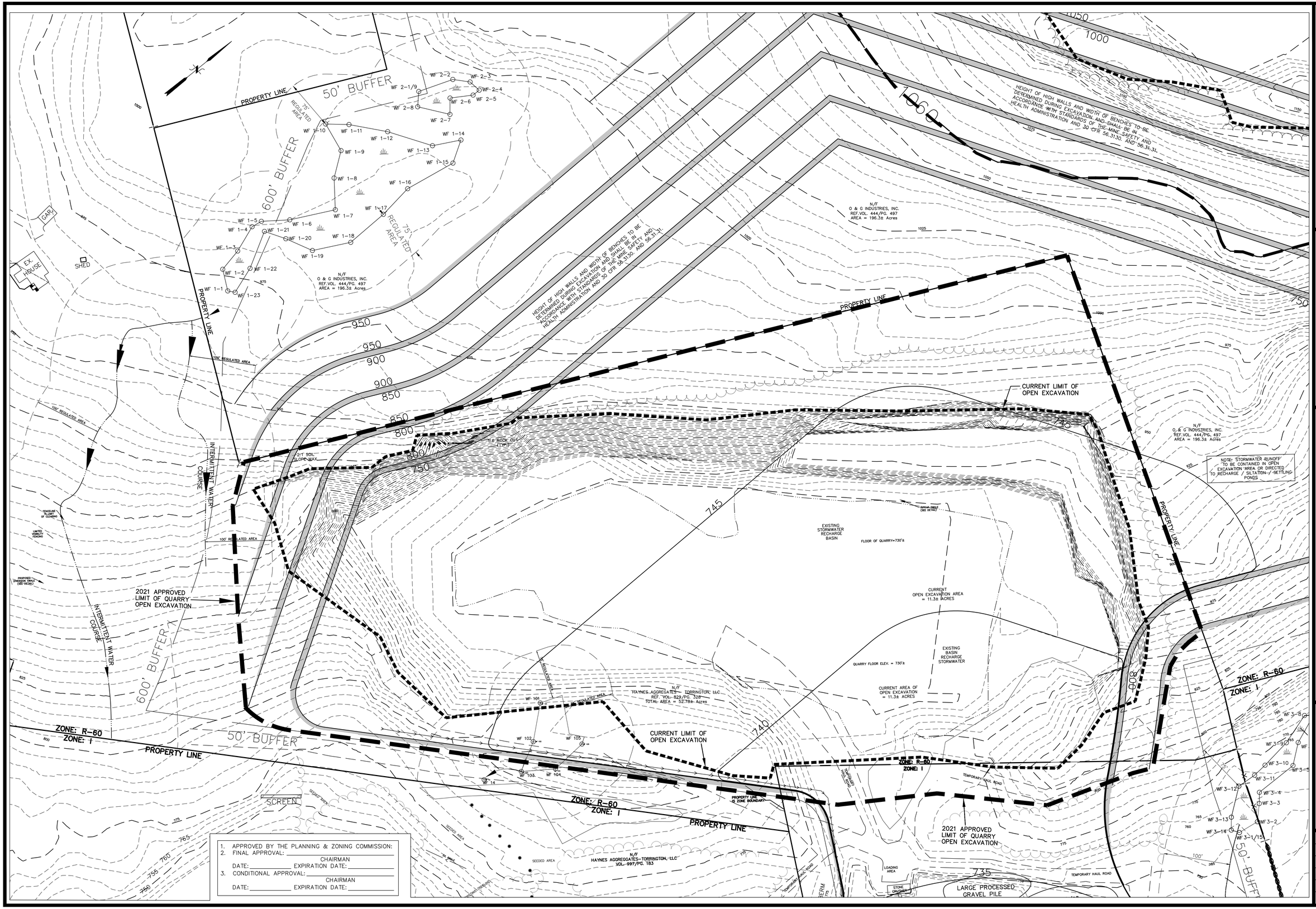
SITE PLAN
OPERATIONS AREA #1
3217 WINSTED ROAD
TORRINGTON, CONNECTICUT

Date	Revision
03/01/21	STAFF REVIEW COMMENTS
01/17/23	BIENNIAL PLAN UPDATE

0 GRAPHIC SCALE 1 2 INCHES

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



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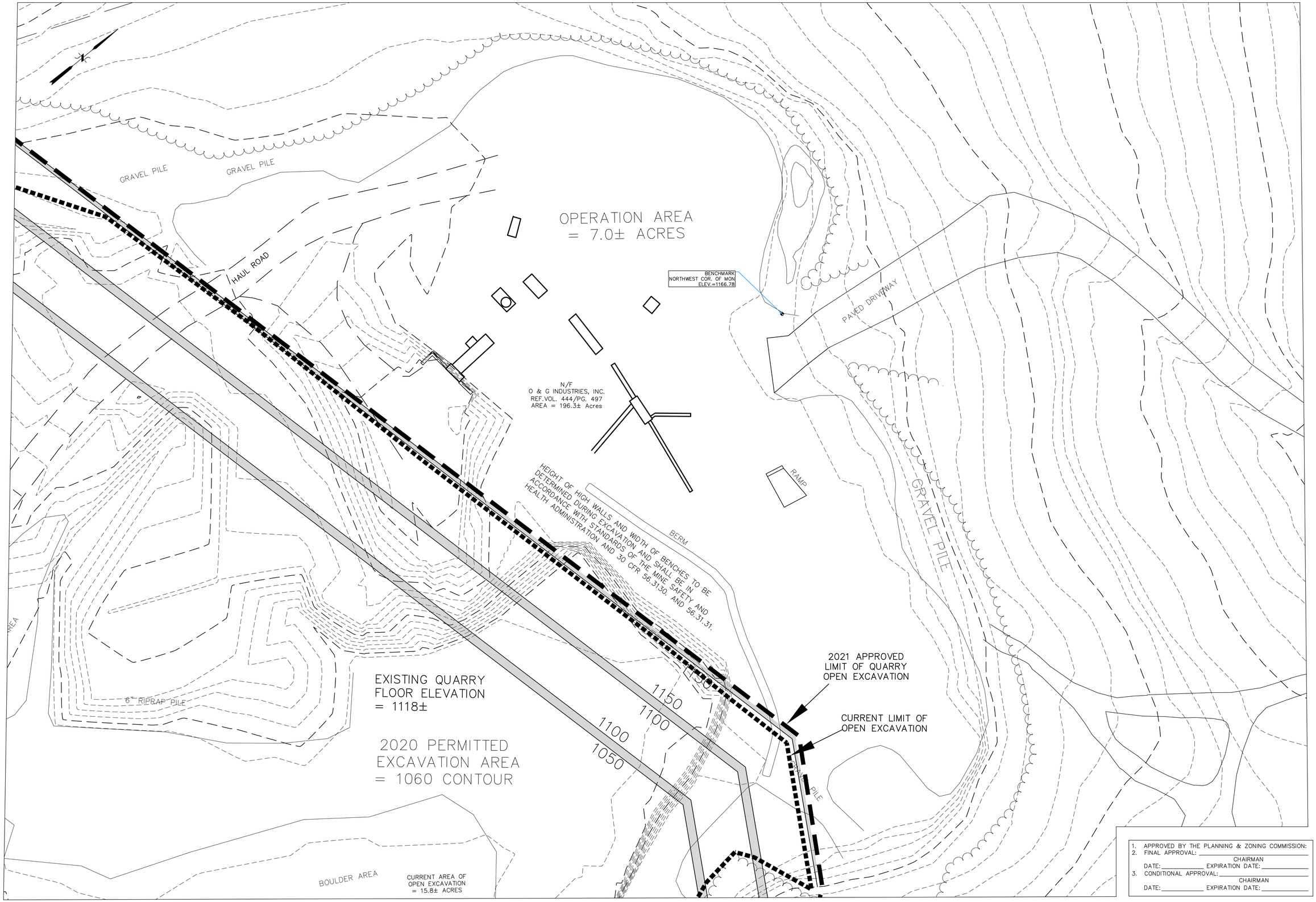
SITE PLAN
QUARRY AREA #1
3217 WINSTED ROAD
TORRINGTON, CONNECTICUT

Date	Revision
03/01/21	STAFF REVIEW COMMENTS
03/11/21	600' BURR MTN. BUFFER ADDED
01/17/23	BIENNIAL PLAN UPDATE

0 GRAPHIC SCALE 1 INCHES

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



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DATE: _____ EXPIRATION DATE: _____
3. CONDITIONAL APPROVAL: _____ CHAIRMAN
DATE: _____ EXPIRATION DATE: _____

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

Date	Revision
03/01/21	STAFF REVIEW COMMENTS
01/17/23	BIENNIAL PLAN UPDATE

0 GRAPHIC SCALE 1 2
INCHES

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

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

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

Date	Revision
03/01/21	STAFF REVIEW COMMENTS
01/17/23	BIENNIAL PLAN UPDATE

0 GRAPHIC SCALE 1 2 INCHES

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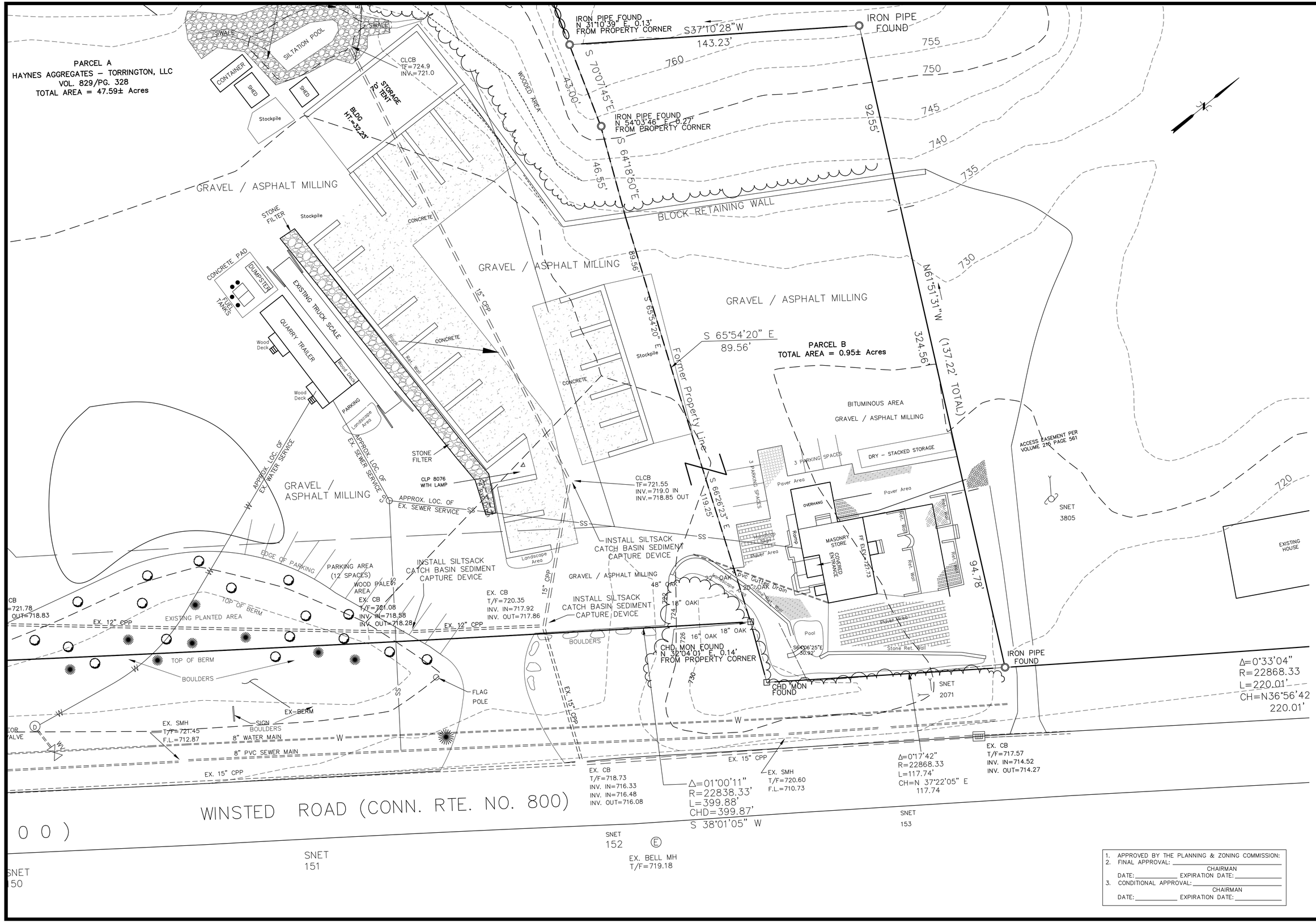

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   DATE: _____ EXPIRATION DATE: _____
3. CONDITIONAL APPROVAL: _____ CHAIRMAN
   DATE: _____ EXPIRATION DATE: _____

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SITE PLAN
RETAIL AREA
3217 WINSTED ROAD
TORRINGTON, CONNECTICUT

Date	Revision
01/17/23	BIENNIAL PLAN UPDATE

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

(PS) PERMANENT SEEDING

TIMING
SEED WITH A PERMANENT SEED MIXTURE WITHIN 7 DAYS AFTER ESTABLISHING FINAL GRADES OR WHEN GRADING WORK WITHIN A DISTURBED ARE 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.
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.

A. SITE PREPARATION
GRADE IN ACCORDANCE WITH THE SITE GRADING PLAN. INSTALL ALL SURFACE WATER CONTROLS. FOR AREAS TO BE MOWED REMOVE ALL STONES 2 INCHES OR LARGER. REMOVE ALL OTHER DEBRIS SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, 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 12lbs NITROGEN PER TON OF WOOD CHIPS AND/OR BARK MULCH.
DO NOT USE PERMANENT SEEDING ON SLOPES STEEPER THAN 2 TO 1.

B. SEEDBED PREPARATION
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:

SOIL TEXTURE	TONS/AC.	LBS./1000 SQ.FT.
CLAY, CLAY LOAM AND HIGH ORGANIC SOIL	3	135
SANDY LOAM, LOAM, SILT LOAM	2	90
LOAMY SAND, SAND	1	45

REFER TO COUNTY SOIL SURVEY REPORT FOR SOIL TEXTURES AT THE SITE.
WORK LIME AND FERTILIZE INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING 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 SANDY OR SILTY SOILS AND COURSE SANDS SHOULD BE ROLLED TO FIRM THE SEEDBED WHEREVER FEASIBLE.
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, CLODS, LUMPS OR OTHER UNSUITABLE MATERIAL.
INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED AND FIRMED AS ABOVE.

D. SEEDING
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, CULTIPACKER TYPE SEEDER OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). NORMAL SEEDING DEPTH IS FROM 1/4 TO 1/2 INCH. HYDROSEEDINGS WHICH ARE MULCHED MAY BE LEFT ON SOIL SURFACE.
WHERE FEASIBLE, EXCEPT WHERE EITHER A CULTIPACKER TYPE SEEDER OR HYDROSEEDER IS USED, THE SEEDBED SHOULD BE FIRMED 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 ARES. WHEN HYDROSEEDING, A SEEDBED IS PREPARED IN THE CONVENTIONAL WY OR BY HAND RAKING TO LOOSEN AND SMOOTH THE SOIL AND TO REMOVE 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 HAY). FIBER MULCH DOES NOT PROVIDE ADEQUATE SEEDBED PROTECTION. BETTER PROTECTION IS GAINED BY USING STRAW MULCH AND HOLDING IT WITH ADHESIVE 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 PERIOD.

MAINTENANCE
INITIAL ESTABLISHMENT
INSPECT SEEDED 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 SOIL SEED HAS BEEN REMOVED OR SOIL EROSION HAS OCCURRED DETERMINE THE CAUSE OF THE FAILURE. BIRD DAMAGE MAY BE PROBLEM IF MULCH WAS APPLIED TIMELY 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 USE "TEMPORARY EROSION CONTROL BLANKET AND/OR "PERMANENT TURF REINFORCEMENT MAT MEASURE.
CONTINUE INSPECTION UNTIL AT LEAST 100 PLANTS PER SQUARE FOOT HAVE GROWN AL LEAST 6 INCHES TALL OR UNTIL THE FIRST MOWING.

FIRST MOWING
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 SEEDLING FROM THE SOIL AND OFTEN LEAVES A SERIES OF UNNECESSARY RUTS. THE FIRST MOWING SHOULD REMOVE APPROXIMATELY ONE THIRD OF THE GROWTH, DEPENDING ON THE TYPE OF GRASS AND WHERE IT IS BEING USED. DO NOT MOW GRASS BELOW 3 INCHES.
IF THE SEEDING WAS MULCHED, DO NOT ATTEMPTED 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

LONG TERM MAINTENANCE
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 VIGOROUS STAND. SOD YET PREVENT EXCESSIVE LEACHING OF NUTRIENTS TO THE GROUND–WATER OR RUNOFF TO SURFACE WATER.
ALTHOUGH WEEDS MAY APPEAR TO BE 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.

SELECTING SEED MIX TO MATCH NEED

AREA TO BE SEEDED	MOWING DESIRED	MOWING NOT REQUIRED
BORROW AREAS, ROADSIDES, DIKES, LEVEES, POND BANKS AND OTHER SLOPES AND BANKS		
A) WELL OR EXCESSIVELY DRAINED SOILS2	1,2,3,4,5, OR 8	5,6,7,8,9,10,11,12,16,22
B) SOMEWHAT POORLY DRAINED SOILS2	2	5,6
C) VARIABLE DRAINAGE SOILS2	2	5,6,11
DRAINAGE DITCH AND CHANNEL BANKS		
A) WELL OR EXCESSIVELY DRAINED SOILS2	1,2,3, OR 4	
B) SOMEWHAT POORLY DRAINED SOILS2	2	9,10,11,12
C) VARIABLE DRAINAGE SOILS2	2	
DIVERSIONS		
A) WELL OR EXCESSIVELY DRAINED SOILS	2,3, OR 4	9,10,11
B) SOMEWHAT POORLY DRAINED SOILS	2	
C) VARIABLE DRAINAGE SOILS	2	
EFFLUENT DISPOSAL		5 OR 6
GRAVEL PITS3		26,27,28
GULLIED AND ERODED AREAS		3,4,5,8,10,11,12
MINESPOIL & WASTE AND OTHER SPOIL BANKS		15,16,17,18,26,27,28
(IF TOXIC SUBSTANCES AND PHYSICAL PROPERTIES NOT LIMITING)3		
SHORELINES (FLUCTUATING WATER LEVELS)		5 OR 6
SKI SLOPES		4,10
SOD WATERWAYS AND SPILLWAYS	1,2,3,4,6,7, OR 8	1,2,3,4,6,7, OR 8
SUNNY RECREATION AREAS	1,2, OR 23	

SEED MIXTURES FOR PERMANENT SEEDING

No.	SEED MIXTURE (VARIETY)4	LBS/ACRE	LBS/1,000 SF
15	KENTUCKY BLUEGRASS	20	.45
	CREEPING RED FESCUE (PENNLAWN, WINTERGREEN)	20	.45
	PERENNIAL RYEGRASS (NORLEA, MANHATTEN)	5	.10
		TOTAL 45	1.00
25	CREEPING RED FESCUE (PENNLAWN, WINTERGREEN)	20	.45
	REDTOP (STREEKER, COMMON)	2	.05
	TALL FESCUE (KENTUCKY 31) OR SMOOTH BROMEGRASS (SARATOGA, LINCOLN)	20	.45
		TOTAL 42	.95
35	CREEPING RED FESCUE (PENNLAWN, WINTERGREEN)	20	.45
	BIRDS FOOT TREFOIL (EMPIRE, VIKING) WITH INOCULANT1	8	.20
	TALL FESCUE (KENTUCKY 31) OR SMOOTH BROMEGRASS (SARATOGA, LINCOLN)	20	.45
		TOTAL 48	1.10
45	CREEPING RED FESCUE (PENNLAWN, WINTERGREEN)	20	.45
	OR TALL FESCUE (KENTUCKY 31)	2	.05
	REDTOP (STEEKER, COMMON)	8	.20
	BIRDS FOOT TREFOIL (EMPIRE, VIKING) W/INOCULANT1	TOTAL 30	.70
55	WHITE CLOVER	10	.25
	PERENNIAL RYE GRASS	2	.05
		TOTAL 12	.30
65	CREEPING RED FESCUE	20	.50
	REDTOP (STREEKER, COMMON)	2	.05
	PERENNIAL RYE GRASS	20	.50
		TOTAL 42	1.05
75	SMOOTH BROMEGRASS (SARATOGA, LINCOLN)	15	.35
	PERENNIAL RYEGRASS (NORLEA, MANHATTEN)	5	.10
	BIRDS FOOT TREFOIL (EMPIRE, VIKING) W/INOCULANT1	10	.25
		TOTAL 30	.79
85	SWITCHGRASS (BLACKWELL, SHELTER, CAVE–IN–ROCK)	10ı	.25
	WEEPING LOVEGRASS	3	.07
	LITTLE BLUESTEM (BLAZE, ALDOUS, CAMPER)	10ı	.25
		TOTAL 23	.57
95	CREEPING RED FESCUE (PENNLAWN, WINTERGREEN)	10	.25
	CROWN VETCH (CHEMUING, PENNGIFT) WITH INNOCULANT1	15	.35
	OR (FLATPEA (LATHCO) WITH INOCULANT1)	(30)	(.75)
	TALL FESCUE (KENTUCKY 31) OR SMOOTH BROMEGRASS	15	.35
	(SARATOGA, LINCOLN) REDTOP (STREEKER, COMMON)	2	.05
		TOTAL 42 (OR 57)	1.00 (OR 1.25)
105	CREEPING RED FESCUE (PENNLAWN, WINTERGREEN)	20	.45
	REDTOP (STREEKER, COMMON)	2	.05
	CROWN VETCH (CHEMUING, PENNGIFT) WITH INNOCULANT1	15	.35
	OR (FLATPEA (LATHCO) WITH INOCULANT1)	(30)	(.75)
		TOTAL 37 (OR 52)	.85 (OR 1.25)
115	BIRDS FOOT TREFOIL (EMPIRE, VIKING) WITH INOCULANT1	8	.20
	CROWN VETCH (CHEMUING, PENNGIFT) WITH INNOCULANT1	15	.35
	CREEPING RED FESCUE (PENNLAWN, WINTERGREEN)		
126	SWITCHGRASS (BLACKWELL, SHELTER, CAVE–IN–ROCK)	10ı	.25
	PERENNIAL RYEGRASS (NORLEA, MANHATTEN)	5	.10
	CROWN VETCH (CHEMUING, PENNGIFT) WITH INNOCULANT1	15	.35
		TOTAL 45	1.05
136	CROWN VETCH (CHEMUING, PENNGIFT) WITH INNOCULANT1	10	.25
	OR (FLATPEA (LATHCO) WITH INOCULANT1)	(30)	(.75)
	SWITCHGRASS (BLACKWELL, SHELTER, CAVE–IN–ROCK)	51	.10
	PERENNIAL RYEGRASS (NORLEA, MANHATTEN)	5	.10
		TOTAL 20 (OR40)	.45 (OR .95)
146	CROWN VETCH (CHEMUING, PENNGIFT) WITH INNOCULANT1	15	.35
	OR (FLATPEA (LATHCO) WITH INOCULANT1)	(30)	(.75)
	PERENNIAL RYEGRASS (NORLEA, MANHATTEN)	10	.25
		TOTAL 25 (OR40)	.60 (OR 1.00)
156	SWITCHGRASS (BLACKWELL, SHELTER, CAVE–IN–ROCK)	5	.10
	BIG BLUESTEM (NIAGRA, KAW) OR LITTLE BLUESTEM (BLAZE, ALSOUS,CAMPER)	5	.10
	PERENNIAL RYEGRASS (NORLEA, MANHATTEN)	5	.10
	BIRDS FOOT TREFOIL (EMPIRE, VIKING) WITH INOCULANT1	5	.10
		TOTAL 20	.40
166	TALL FESCUE (KENTUCKY 31)	20	.45
	FLATPEA (LATHCO) WITH INOCULANT1	30	.75
		TOTAL 50	1.20
176	DEER TONGUE (TIOGA) WITH INOCULANT1	10	.25
	BIRDS FOOT TREFOIL (EMPIRE, VIKING) WITH INOCULANT1	8	.20
	PERENNIAL RYEGRASS (NORLEA, MANHATTEN)	3	.07
		TOTAL 21	.52
186	DEER TONGUE (TIOGA) WITH INOCULANT1	10	.25
	CROWN VETCH (CHEMUING, PENNGIFT) WITH INNOCULANT1	15	.35
	PERENNIAL RYEGRASS (NORLEA, MANHATTAN)	3	.07
		TOTAL 28	.67
195	CHEWINGS FESCUE	35	.80
	HARD FESCUE	30	.70
	COLONIAL BENTGRASS	5	.10
	BIRDS FOOT TREFOIL (EMPIRE, VIKING) WITH INOCULANT1	10	.20
	PERENNIAL RYEGRASS	20	.50
		TOTAL 100	2.30
205	DELETED DUE TO INVASIVE SPECIES		
215	CREEPING RED FESCUE (PENNLAWN, WINTERGREEN)	TOTAL 60	1.35
225	CREEPING RED FESCUE (PENNLAWN, WINTERGREEN)	40	.90
	TALL FESCUE (KENTUCKY 31)	20	.45
		TOTAL 60	3.60
235	CREEPING RED FESCUE (PENNLAWN, WINTERGREEN)	15	.35
	FLATPEA (LATHCO) WITH INOCULANT1	30	.75
		TOTAL 45	3.60
245	TALL FESCUE (KENTUCKY 31)	TOTAL 150	3.60
255	AMERICAN BEACHGRASS (CAPE)	58,500 CULMS/ACRE	1,345 CULMS/100 SF
266	SWITCHGRASS (BLACKWELL, SHELTER, CAVE–IN–ROCK)	4.0	.10
	BIG BLUESTEM (NIAGRA, KAW)	4.0	.10
	LITTLE BLUESTEM (BLAZE, ALDOUS, CAMPER)	2.0	.05
	SAND LOVEGRASS (NE–27, BEND)	1.5	.03
	BIRD'S–FOOT TREFOIL (EMPIRE VIKING)	2.0	.05
		TOTAL 13.5	.33
275	FLATPEA (LATHCO)	10	.20
	PERENNIAL PEA (LANCER)	2	.05
	CROWN VETCH (CHEMUING, PENNGIFT)	10	.20
	TALL FESCUE (KENTUCKY 31)	2	.05
		TOTAL 24	.65
285	ORCHARDGRASS (PENNLATE, KAY,POTOMAC)	5	.10
	TALL FESCUE (KENTUCKY 31)	10	.20
	REDTOP (STREEKER, COMMON)	2	.05
	BIRD'S–FOOT TREFOIL (EMPIRE VIKING)	5	.10
		TOTAL 22	.45
29	TURF TYPE TALL FESCUE (BONANZA, MUSTANG, REBEL II, SPARTAN, JAGUAR) OR PERENNIAL RYE ("FUTURE 200" MIX: FIESTA II, BLAZER II, AND DASHER II)	175 – 250	6 TO 8

FOOTNOTES:
1 USE PROPER INOCULANT FOR LEGUME SEEDS, USE FOUR TIMES RECOMMENDED RATE WHEN HYDROSEEDING.
2 USE PURE LIVE SEED (PLS) = (% GERMINATION X % PURITY) / 100
EXAMPLE: COMMON BERMUDA SEED WITH 70% GERMINATION AND 80% PURITY= 70X80 / 100 OR 56
10LBS PLS/ACRE/56% = 17.9 LBS/ACRE OF BAGGED SEED
3 D.O.T. ALL PURPOSE MIX
4 WILD FLOWER MIX CONTAINING NEW ENGLAND ASTER, BABYS BREATH, BLACK EYE SUSAN, CATCHFLY, DWARF COLUMBINE, PURPLE CONEFLOWER, LANCED–LEAVED COREOPSIS, CORNFLOWER, OX–EYE DAISY, SCARLET FLAX, FOXGLOVE, GAYFEATHER, ROCKY LARKSPUR, SPANISH LARKSPUR, CORN POPPY, SPURRED SNAPDRAGON, WALLFLOWER AND/OR YARROW MAY
BE ADDED TO ANY SEED MIX GIVEN. MOST SEED SUPPLIERS CARRY A WILD FLOWER MIXTURE THAT IS SUITABLE FOR THE NORTHEAST AND CONTAINS A VARIETY OF BOTH ANNUAL AND PERENNIAL FLOWERS. SEEDING RATES FOR THE SPECIFIC MIXTURES SHOULD BE FOLLOWED.
5 CONSIDERED TO BE A COOL SEASON MIX.
6 CONSIDERED TO BE A WARM SEASON MIX.

FOOTNOTES:
1 THE NUMBERS FOLLOWING IN THESE COLUMNS REFER TO SEED MIXTURES IN FOLLOWING TABLE. MIXES FOR SHADY AREAS ARE IN BOLD ITALICS PRINT (INCLUDING MIXES 20 THROUGH 24).
2 SEE COUNTY SOIL SURVEY FOR DRAINAGE CLASS. SOIL SURVEYS ARE AVAILABLE FROM THE COUNTY SOIL AND WATER CONSERVATION DISTRICT OFFICE.
3 USE MIX 26 WHEN SOIL PASSING A 200 MESH SIEVE IS LESS THAN 15% OF TOTAL WEIGHT. USE MIX 26 & 27 WHEN SOIL PASSING A 200 MESH SIEVE IS BETWEEN 15 AND 20% OF TOTAL WEIGHT . USE MIX 26,27 & 28 WHEN SOIL PASSING A 200 MESH SIEVE IS ABOVE 20% OF TOTAL WEIGHT.

(GSF) GEOSYNTHETIC SILT FENCE

SEDIMENT BARRIERS
SPECIFICATIONS

GEOTEXTILE SILT FENCING MINIMUM REQUIREMENTS

PHYSICAL PROPERTY	TEST METHOD	MINIMUM REQUIREMENT
FILTERING EFFICIENCY	ASTM 5141	75% (MIN)
GRAB TENSILE STRENGTH (LBS.)	ASTM D4632	100 LBS.
ELONGATION @ FAILURE	ASTM D4632	15%
MULLEN BURST STRENGTH	ASTM D3786	250 PSI
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/FT2/MIN.
PERMATIVITY	ASTM D4491	0.05 SEC. –1 (MIN)
ULTRAVIOLET RADIATION STABILITY %	ASTM–D4355	70% AFTER 500 HOURS OF EXPOSURE (MIN)

GEOTEXTILE SILT FENCE SLOPE/ LENGTH LIMITATIONS

SLOPE STEEPNESS 1	SLOPE LENGTH AND WING SPACING
5:1 OR FLATTER	100 FEET
3:1 TO 5:1	75 FEET
2:1 TO 3:1	50 FEET

MATERIALS

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–ROTTING, ACID AND ALKALI RESISTANT AND HAVE SUFFICIENT STRENGTH AND PERMEABILITY FOR THE PURPOSE INTENDED, INCLUDING HANDLING AND BACKFILLING 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 GEOTEXTILE 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.

PLACEMENT ON THE LANDSCAPE

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 ALONG THE FENCE.

SWALES: 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.

CATCH BASINS IN SWALE ON SLOPES: 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.

CATCH BASINS IN DEPRESSIONS: ENCIRCLE ENTIRE CATCH BASIN.

CULVERT INLETS: LOCATE IN "U" SHAPES APPROXIMATELY 6 FEET FROM THE CULVERT IN THE DIRECTION OF THE INCOMING FLOW.

CULVERT OUTLETS: LOCATE ACROSS THE SWALE AT LEAST 6 FEET FROM THE CULVERT OUTLET.

INSTALLATION

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 THE CONTOUR, EXCAVATE WING TRENCHES SPACED AT THE INTERVALS GIVEN IN TABLE ABOVE.

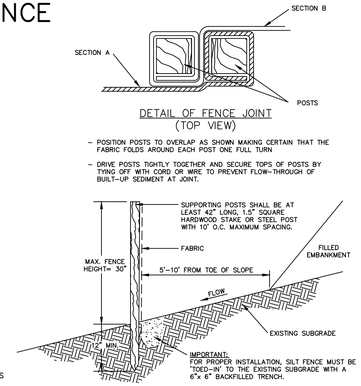
SUPPORT POSTS: DRIVE SUPPORT POSTS ON THE DOWN SLOPE OF THE TRENCH TO A DEPTH OF AT LEAST 12 INCHES INTO ORIGINAL GROUND. INSTALL SUPPORT POSTS CLOSER THAN 10 FEET APART WHEN CONCENTRATED FLOWS ARE ANTICIPATED OR WHEN STEEP CONTRIBUTING SLOPES AND SOIL CONDITIONS ARE EXPECTED TO GENERATE LARGER VOLUMES OF SEDIMENT. FOR CATCH BASINS IN HOLLOWS, 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 TAUT BETWEEN THE POSTS. WHEN THE 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 IN THE GEOTEXTILE FABRIC ARE NECESSARY, SPLICE TOGETHER ONLY AT A SUPPORT POSTS, AND SECURELY SEAL (SEE MANUFACTURER'S RECOMMENDATIONS).

BACKFILL & COMPACTION: 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.

MAINTENANCE
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 DEWATERING OPERATIONS, INSPECT FREQUENTLY BEFORE, DURING AND AFTER PUMPING OPERATIONS.
REMOVE THE SEDIMENT DEPOSITS OR, 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 FAILS TO BE 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

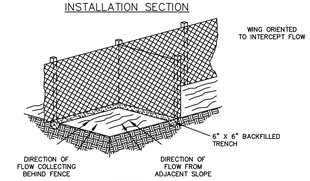
WHEN REPETITIVE FAILURES OCCUR AT THE SAME LOCATION, REVIEW CONDITIONS AND LIMITATIONS FOR USE AND DETERMINE IF ADDITIONAL CONTROLS (E.G. TEMPORARY STABILIZATION OF CONTRIBUTING AREA, DIVERSIONS, STONE BARRIERS OR HAY BALE BACKING) ARE NEEDED TO REDUCE FAILURE RATE.MAINTAIN THE SILT FENCE UNTIL THE CONTRIBUTING AREA IS STABILIZED.AFTER THE UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE THE SILT FENCE.



DETAIL OF FENCE JOINT
(TOP VIEW)

– POSITION POSTS TO OVERLAP AS SHOWN MAKING CERTAIN THAT THE FABRIC FOLDS AROUND EACH POST ONE FULL TURN
– DRIVE POSTS TIGHTLY TOGETHER AND SECURE TOPS OF POSTS BY TYING OFF WITH CORD OR WIRE TO PREVENT FLOW–THROUGH OF BUILT–UP SEDIMENT AT JOINT.

INSTALLATION SECTION

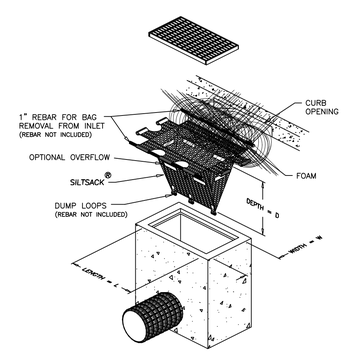


WING DETAIL
(IF REQUIRED BY ENGINEER)

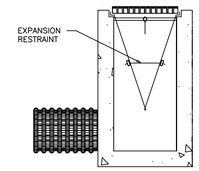
(GSF) SEDIMENT FENCE DETAIL

N.T.S.

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



–HANGING FRAME UNDER–THE–GRATE INSTALLATION
–MODIFY CATCH BASIN FRAME AS NECESSARY



INSTALLATION DETAIL

SILTSACK CATCH BASIN SEDIMENT CAPTURE DEVICE

SOIL EROSION AND SEDIMENT CONTROL MEASURES

(GSF) GEOSYNTHETIC SILT FENCE
(TO) TOP SOILING
(TS) TEMPORARY SEED

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 SHREDDED 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 SEEDED WITH THE FOLLOWING MIXTURES, IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS:

4. PROVIDE APPROXIMATELY 12" OF SUITABLE GROWING SOIL, TYPICAL FOR THE SPECIES, IN THE AREAS TO BE PLANTED WITH THE WHITE PINE SPECIES.

MINE RESTORATION MIX

34% FIESTA II PERENNIAL RYE
8% RED TOP
42% K-31 TALL FESCUE
8% BIRDSFOOT TREFOIL
8% WHITE CLOVER
SEEDING RATE: 5 LBS/1000 SF

WATER QUALITY/DETENTION BASIN MIX

45% RED TOP
33% REED CANARYGRASS
22% MEADOW FOXTAIL
SEEING RATE: 1LB/1000 SF

PLANTING LEGEND

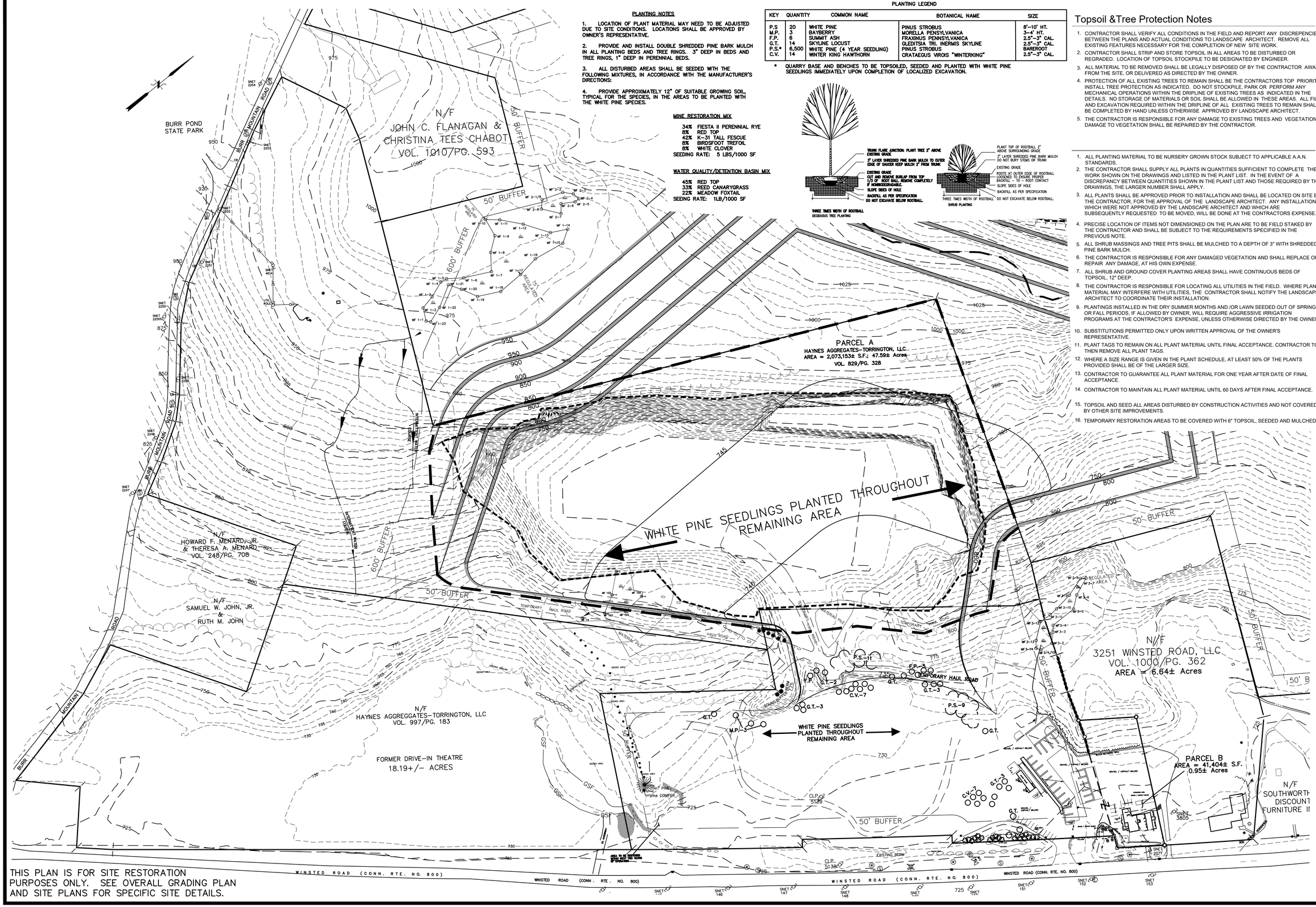
KEY	QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE
P.S	20	WHITE PINE	PINUS STROBUS	8'-10' HT.
M.P.	3	BAYBERRY	MORELLA PENSYLVANICA	3-4' HT.
F.P.	6	SUMMIT ASH	FRAXINUS PENNSYLVANICA	2.5"-3" CAL.
G.T.	14	SKYLINE LOCUST	GLEDITSIA TRI. INERMIS SKYLINE	2.5"-3" CAL.
P.S.*	6,500	WHITE PINE (4 YEAR SEEDLING)	PINUS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

* QUARRY BASE AND BENCHES TO BE TOPSOILED, SEEDED 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 DISCREPENCIES 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 CONTRACTORS TOP PRIORITY. INSTALL TREE PROTECTION AS INDICATED. DO NOT STOCKPILE, PARK OR PERFORM ANY MECHANICAL OPERATIONS WITHIN THE DRIPLINE 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 DRIPLINE 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 CONTRACTORS 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 SHREDDED 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 SEEDED 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, SEEDED 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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DESIGN BY: J. LAPLACA

WINSTED ROAD RESTORATION PLAN
3217 WINSTED ROAD
TORRINGTON, CONNECTICUT

Date	Revision
01/17/23	BIENNIAL PLAN UPDATE

0 GRAPHIC SCALE 1 INCHES

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