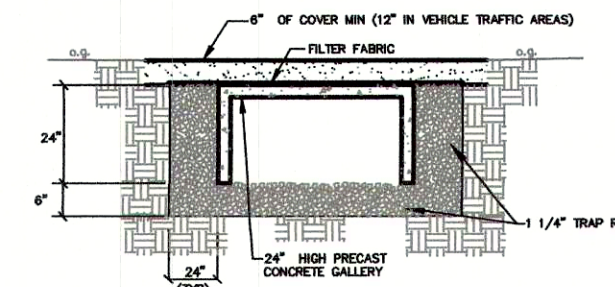
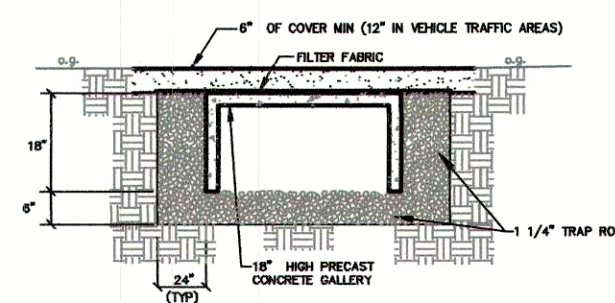


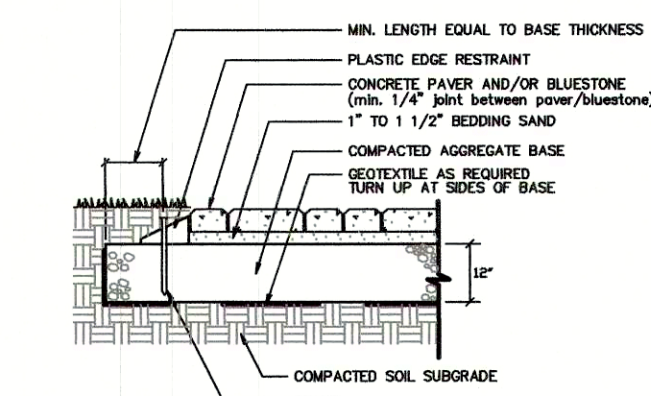
TYPICAL SEPTIC TANK
NO SCALE



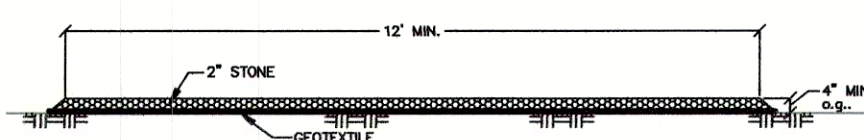
TYPICAL 24" HIGH PRECAST CONCRETE FOOTING DRAIN GALLERY
NO SCALE



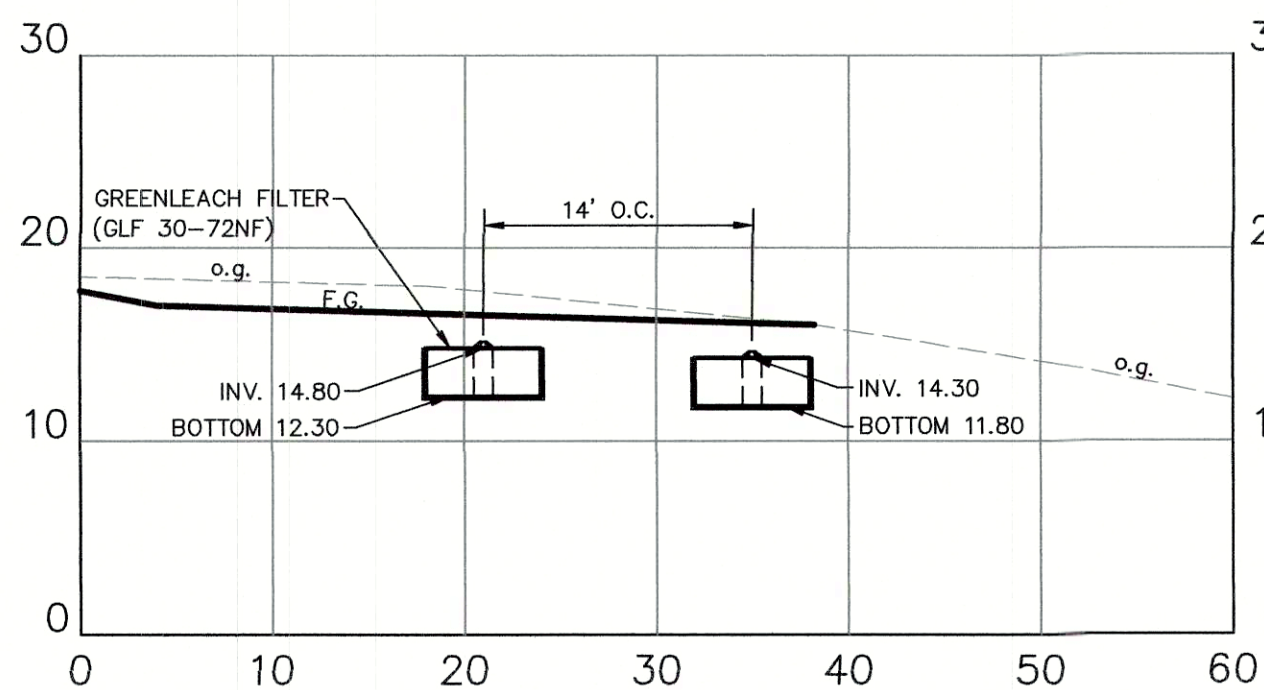
TYPICAL 18" HIGH PRECAST CONCRETE STORMWATER GALLERY
NO SCALE



TYPICAL PERVIOUS PAVER/BLUESTONE DETAIL
NOT TO SCALE

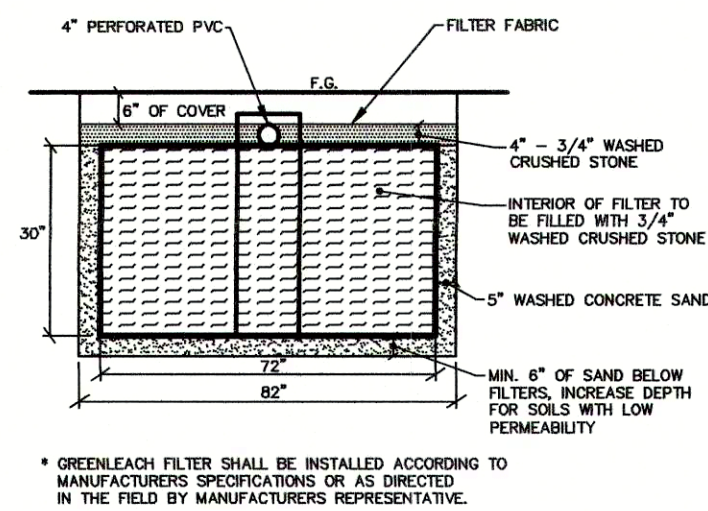


TYPICAL MUD TRACKING BED
NO SCALE

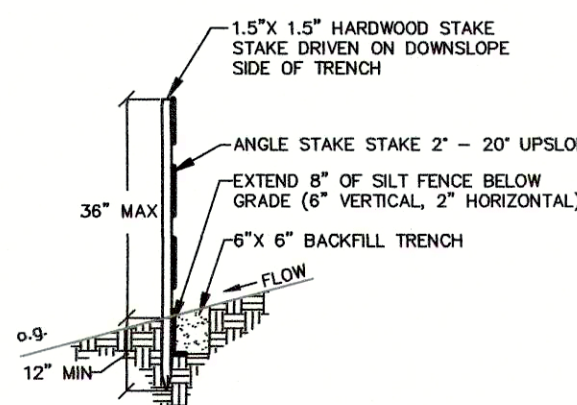


CROSS SECTION X-X
SCALE: 1" = 10'

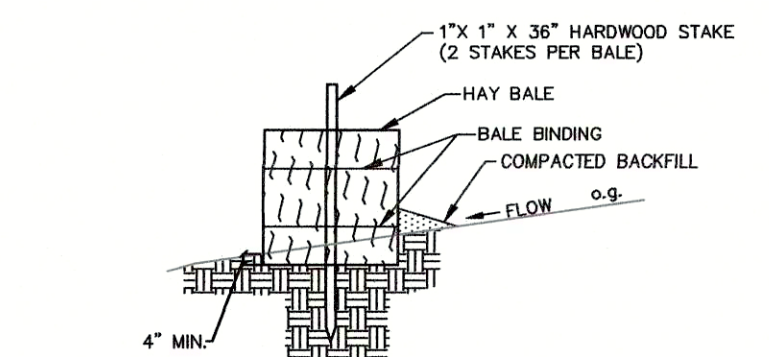
EXISTING UTILITY LOCATIONS ARE NOT GUARANTEED, CONTRACTOR SHALL NOTIFY CALL BEFORE YOU DIG PRIOR TO ANY EXCAVATION.



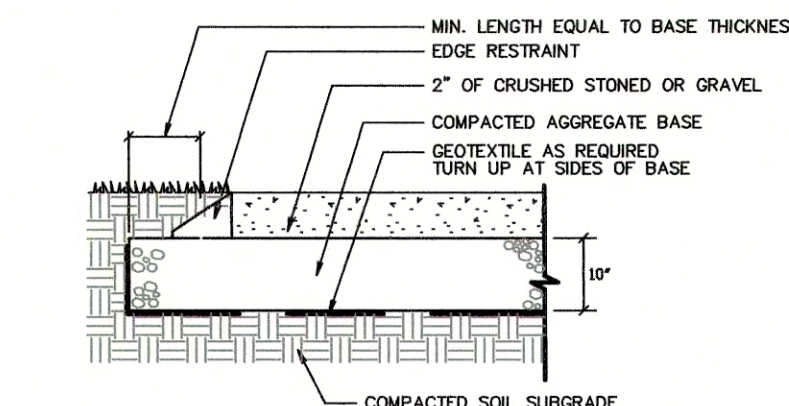
GREENLEACH FILTER (GLF 30-72NF) END VIEW
NO SCALE



TYPICAL SILT FENCE
NO SCALE

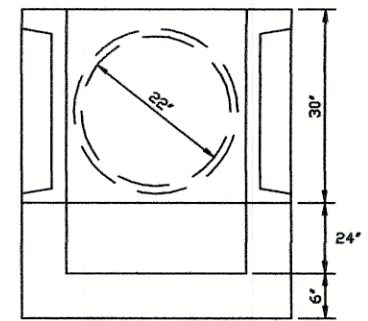
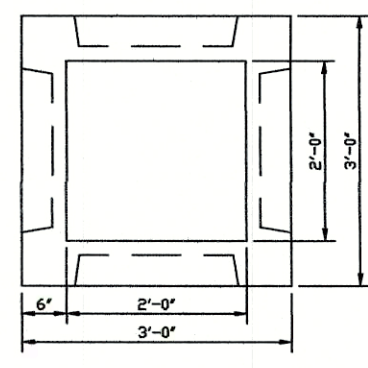


TYPICAL STAKED HAY BALE
NO SCALE



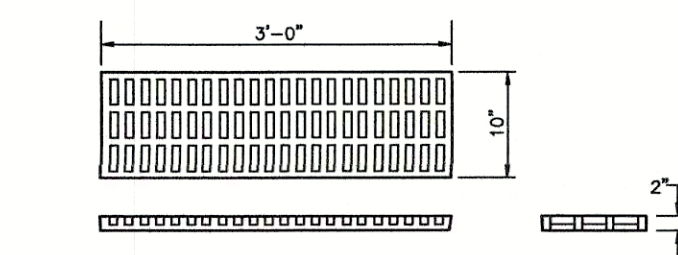
TYPICAL GRAVEL DRIVEWAY
NOT TO SCALE

2 x 2 AREA DRAIN SHALL BE AS MANUFACTURED BY CT PRECAST CORP. OR APPROVED EQUAL

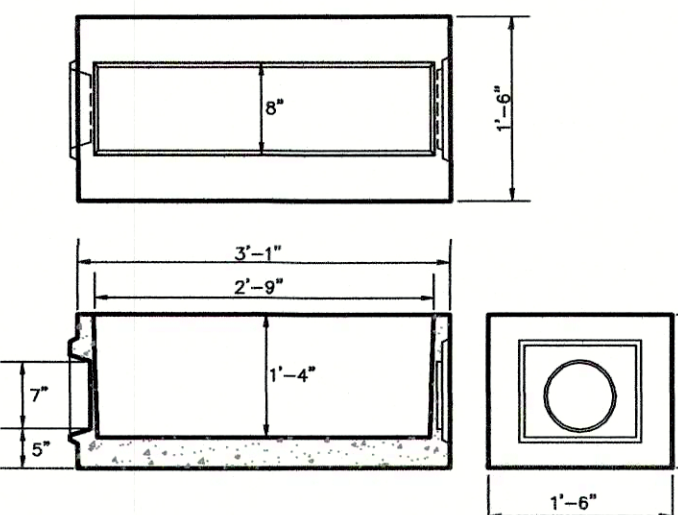


- NOTES:
1. Reinforced 6 x 6 x 10 gauge mesh or to specifications.
 2. Grate - Steel or Cast Iron.
 3. 4000 psi
 4. Design Loading AASHTO HS-20.

2 x 2 PRECAST CONC AREA DRAIN & CAST IRON GRATE DETAIL
NO SCALE



FRAME AND GRATE



8" WIDE PRECAST CONCRETE TRENCH DRAIN BOX DETAIL
NO SCALE

PERCOLATION TEST RESULTS

FEBRUARY 17, 2021

PERC HOLE A

DEPTH = 26.0"

TIME	READING	DROP IN INCHES	PERC. RATE
9:30	7.00"	REFILL	
9:40	13.00"	6.00"	
9:50	18.00"	5.00"	
10:00	21.00"	3.00"	
10:00	DRY		
10:10	7.00"	REFILL	
10:20	10.00"	3.00"	
10:30	13.00"	3.00"	
11:40	15.00"	2.00"	1" IN 5.0 MIN.

PERCOLATION TEST RESULTS

JULY 15, 2024

PERC HOLE B

DEPTH = 28.5"

TIME	READING	DROP IN INCHES	PERC. RATE
10:35	5.50"	REFILL	
12:42	11.00"	5.50"	
12:52	15.50"	4.50"	
1:02	19.25"	3.75"	
1:12	22.00"	2.75"	
1:22	24.00"	2.00"	
1:32	25.50"	1.50"	
1:42	26.75"	1.25"	1" IN 8.0 MIN.
1:42	28.00"	1.25"	1" IN 8.0 MIN.

Test Pits

February 17, 2021

Test Pit #202

00 - 08" TOPSOIL
08 - 38" RED/BROWN SANDY LOAM WITH GRAVEL
38 - 84" BROWN COARSE SAND & GRAVEL-MED. STONE

- * NO GROUND WATER
- * NO MOTILES
- * NO LEDGE

Test Pit #201

00 - 12" TOPSOIL
12 - 44" RED/BROWN SANDY LOAM WITH GRAVEL
44 - 88" BROWN COARSE SAND & GRAVEL-MED. STONE

- * NO GROUND WATER
- * NO MOTILES
- * NO LEDGE
- * ROOTS TO 44"

Test Pit #202

00 - 09" TOPSOIL
09 - 42" RED/BROWN SANDY SILT LOAM
42 - 78" BROWN MED. COARSE SAND & GRAVEL

- * GROUND WATER AT 70"
- * NO MOTILES
- * NO LEDGE
- * ROOTS TO 42"

Test Pit #203

00 - 11" TOPSOIL
11 - 25" RED/BROWN SANDY LOAM WITH GRAVEL
25 - 83" BROWN COARSE SAND & GRAVEL-MED. STONE

- * NO GROUND WATER
- * NO MOTILES
- * NO LEDGE
- * ROOTS TO 52"

Test Pit #204

00 - 10" TOPSOIL
00 - 32" RED/BROWN SANDY LOAM WITH GRAVEL, ROOTS
32 - 101" BROWN COARSE SAND & GRAVEL-MED. STONE

- * NO GROUND WATER
- * NO MOTILES
- * NO LEDGE
- * ROOTS TO 32"

Test Pit #205

00 - 12" TOPSOIL
12 - 21" RED/BROWN SANDY LOAM WITH GRAVEL
21 - 96" GREY/BROWN COARSE SAND & GRAVEL

- * NO GROUND WATER
- * NO MOTILES
- * NO LEDGE
- * ROOTS TO 21"

Test Pit #206

00 - 08" TOPSOIL
08 - 21" RED/BROWN SANDY LOAM WITH GRAVEL
21 - 48" GREY/BLACK MOTTLED BOG MATERIAL

- * GROUND WATER AT 21"
- * MOTILES AT 21"
- * NO LEDGE

SEWAGE DISPOSAL SYSTEM NOTES:

1. THE PROPOSED SEWAGE DISPOSAL SYSTEM SHALL CONFORM TO SECTIONS 19-13-8103A TO 19-13-8103F OF THE CONNECTICUT STATE HEALTH CODE.
2. THE PROPOSED STRUCTURE SHALL BE CONSIDERED A 5 BEDROOM DWELLING WITH AN OVERSIZED TUB LESS THAN 99 GALLONS.
3. THE DWELLING SHALL BE SERVICED BY PUBLIC WATER SUPPLY.
4. AN OBSERVED SOIL PERCOLATION RATE OF 1" IN 10 MINUTES HAS BEEN USED TO DETERMINE THE REQUIRED EFFECTIVE LEACHING AREA FOR THE PROPOSED SEWAGE DISPOSAL SYSTEM. THE REQUIRED EFFECTIVE LEACHING AREA IS 660.0 SQUARE FEET.
5. THE PROPOSED LEACHING AREA CONSISTS OF 32 LINEAL FEET OF GREENLEACH FILTER (GLF 30-72NF) WHICH PROVIDES 710.4 S.F. OF EFFECTIVE LEACHING AREA. AN EQUAL AREA UTILIZING THE SAME TYPE OF SYSTEM HAS BEEN PROVIDED FOR RESERVE.
6. THE PROPOSED 1500 GALLON SEPTIC TANK SHALL BE A TWO COMPARTMENT TANK. THE TANK SHALL BE WATER-TIGHT, AND BE SO CERTIFIED BY THE MANUFACTURER. THE SEPTIC TANK SHALL BE AS MANUFACTURED BY CONNECTICUT PRECAST CORP. (MODEL NO. T1500RS) OR APPROVED EQUAL.
7. THE PROPOSED SOIL LINE SHALL BE 4" SCHEDULE 40 PVC PIPE (ASTM D 1785) WITH RUBBER COMPRESSION GASKET JOINTS. SOIL LINE SHALL BE SET AT A MINIMUM SLOPE OF 1/4"/FT.
8. TO PREVENT LEAKAGE, THE CONTRACTOR SHALL MORTAR ALL INLET AND OUTLET PIPES FROM THE SEPTIC TANK AND DISTRIBUTION BOXES.
9. ALL SOLID EFFLUENT DISTRIBUTION PIPES SHALL BE 4" PVC PLASTIC PIPE (ASTM D3034) SDR-35 WITH RUBBER GASKET, BELL, AND SPIGOT.
10. ALL DISTRIBUTION BOXES SHALL BE AS MANUFACTURED BY CONNECTICUT PRECAST CORP. OR AN APPROVED EQUAL.
11. PRIOR TO CONSTRUCTION, LEONARD SURVEYORS SHALL STAKE THE AREA OF THE PROPOSED SEWAGE DISPOSAL SYSTEM AND THE ADJACENT PROPERTY LINES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ASPHECTIC HEALTH DISTRICT AND THE DESIGN ENGINEER WHEN STAKING HAS BEEN COMPLETED SO THAT AN INSPECTION OF THE STAKING CAN BE MADE.
12. ONCE THE SEWAGE DISPOSAL SYSTEM HAS BEEN INSTALLED ALL DISTURBED AREAS SHALL BE TOPSOILED, FINE RAKED AND SEED.
13. EXISTING CONDITIONS INFORMATION TAKEN FROM A SURVEY PREPARED BY ANDREW BENTLEY PREPARED BY LEONARD SURVEYORS, LLC; WESTPORT, CT.
14. THE GREENLEACH FILTER (GLF 30-72NF) SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. REFER TO GREENLEACH FILTER INSTALLATION GUIDELINES NOTES.
15. THIS DESIGN CONFORMS TO APPLICABLE CODES AND ACCEPTED PRACTICE. NO OTHER WARRANTY IS EXPRESSED OR IMPLIED.

GENERAL CONSTRUCTION NOTES:

1. ALL SITE CONSTRUCTION SHALL CONFORM TO THE TOWN OF WESTPORT STANDARDS SPECIFICATION. IN THE ABSENCE OF THE TOWN OF WESTPORT STANDARDS, REFER TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM 814A, 1995.
2. SUBSURFACE STRUCTURES AND UTILITIES HAVE BEEN DETERMINED FROM EXISTING RECORDS AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. INITIAL DETERMINATION OF UTILITY LOCATIONS SHALL INCLUDE BUT IS NOT LIMITED TO CONTACTING "CALL BEFORE YOU DIG". TO AVOID CONFLICT OF THE PROPOSED WORK AND EXISTING UTILITIES, THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES BY EXCAVATING TEST HOLES. SHOULD THE CONTRACTOR DETERMINE THAT A CONFLICT EXISTS, HE SHALL PROMPTLY NOTIFY THE ENGINEER WHO WILL MAKE THE NECESSARY DESIGN ADJUSTMENTS.
3. ALL UTILITIES SHALL BE PLACED UNDERGROUND AND SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE APPROPRIATE UTILITY COMPANY STANDARDS.
4. ALL PRECAST STORM-WATER GALLERIES AND YARD DRAIN BASINS SHALL SUPPORT H20 LOADING.
5. THERE ARE NO STORM WATER DRAINAGE SYSTEMS WITHIN 25' (50' DOW GRADIENT) OF THE PROPOSED SEWAGE DISPOSAL SYSTEM ON ANY OF THE ADJACENT PROPERTIES.
6. THE CONTRACTOR/BUILDER SHALL BE RESPONSIBLE FOR DIRECTING THE PROPER VOLUME OF STORM WATER RUNOFF TO THE APPROPRIATE DRAINAGE DETENTION SYSTEM - SEE DRAINAGE COMPUTATIONS PREPARED BY CHAPPA SITE CONSULTING, LLC.
7. THERE ARE NO WELLS WITHIN 75' OF THE PROPOSED SEWAGE DISPOSAL SYSTEM ON ANY OF THE ADJACENT PROPERTIES.
8. THERE ARE NO SEWAGE DISPOSAL SYSTEMS WITH 25' OF THE PROPOSED SEWAGE DISPOSAL SYSTEM ON ANY OF THE ADJACENT PROPERTIES.
9. THERE ARE NO GEOTHERMAL SYSTEMS WITH 50' OF THE PROPOSED SEWAGE DISPOSAL SYSTEM ON ANY OF THE ADJACENT PROPERTIES.
10. SOIL TEST RESULTS INDICATE NO RESTRICTIVE LAYER. THEREFORE, THE MINIMUM LEACHING SYSTEM SPREAD CALCULATION IS NOT REQUIRED.

SEDIMENTATION AND EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL".
2. ALL LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM. RESTABILIZATION SHALL BE SCHEDULED AS SOON AS PRACTICAL.
3. EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO CONSTRUCTION WHENEVER POSSIBLE.
4. ALL CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
5. ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF NECESSARY OR REQUIRED.
6. THE OWNER IS ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE WESTPORT CONSERVATION COMMISSION OF ANY TRANSFER OF THIS RESPONSIBILITY, AND FOR CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.
7. ALL SEDIMENT REMOVED FROM CONTROL STRUCTURES WILL BE DISPOSED OF IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THE PLAN.
8. FOR EROSION AND SILTATION CONTROL, FILTER FABRIC FENCE WILL BE INSTALLED AROUND ALL STOCKPILES OF FILL MATERIALS; OR AS DIRECTED BY THE WESTPORT CONSERVATION COMMISSION.
9. ONCE STOCKPILES ARE IN PLACE THEY SHALL BE SEED TO PREVENT EROSION.
10. THE CONTRACTOR SHALL KEEP ALL PUBLIC ROADWAYS CLEAN AND CLEAR OF ALL MUD DURING CONSTRUCTION AND SHALL IMPLEMENT WHATEVER MEASURES DIRECTED BY THE TOWN OF WESTPORT. SUCH MEASURES SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE CONSTRUCTION OF MUD TRACKING BEDS 4" DEEP WHERE SHOWN ON PLAN OR DIRECTED BY THE TOWN OF WESTPORT.

GENERAL CONSTRUCTION SEQUENCE:

1. ROUGH STAKE LOT, INCLUDING PROPERTY LINES, DRIVEWAY, HOUSE LOCATION, AND SEWAGE DISPOSAL SYSTEM AND FLAG AREAS TO BE CLEARED FOR SITE DEVELOPMENT, DELINEATE TREES TO BE SAVED.
2. CLEAR AREA TO BE DEVELOPED OF TREES, SHRUBS AND VEGETATION.
3. CUT AND REMOVE TREE TRUNKS, CHIP OR REMOVE BRANCHES AND TWIGS.
4. INSTALL CONSTRUCTION PROTECTION FENCING, FILTER FABRIC FENCE AND STAKED HAY BALES AT LOCATIONS SHOWN ON PLAN.
5. ROUGH GRADE DRIVE WHERE APPLICABLE TO ALLOW INSTALLATION OF MUD TRACKING BED.
6. STRIP AND STOCKPILE TOPSOIL, SURROUND WITH FILTER FABRIC FENCE AND SEED STOCKPILE.
7. BEGIN DWELLING FOUNDATION AND POOL EXCAVATION.
8. ROUGH GRADE PROPOSED SPORTS COURT AREA.
9. CONSTRUCT IN-GROUND SWIMMING POOL FOUNDATION/WALLS.
10. ONCE POOL FOUNDATION/WALLS HAVE BEEN CONSTRUCTED THE PROPOSED DWELLING FOUNDATION SHALL BE CONSTRUCTED.
11. CONSTRUCT PROPOSED SPORTS COURT AND INSTALL ASSOCIATED DRAINAGE.
12. ROUGH GRADE DRIVE AND SHOULDERS, EXCAVATE TRENCH AND INSTALL UTILITIES, ELECTRIC, TELEPHONE AND CABLE TELEVISION.
13. CONSTRUCT LANDSCAPING WALLS ADJACENT TO PROPOSED DRIVE.
14. INSTALL SEWAGE DISPOSAL SYSTEM, STORMWATER DRAINAGE SYSTEM AND UTILITIES TO DWELLING. PLACE EROSION AND SEDIMENT CONTROLS WHERE APPLICABLE.
15. FINE GRADE DRIVE SUBGRADE, PLACE AND COMPACT GRAVEL SUBBASE, INSTALL PAVEMENT AND CURBING, TOPSOIL AND SEED SHOULDERS.
16. SPREAD TOPSOIL AND FINE GRADE SITE.
17. SEED AND PLANT PROPOSED SITE LANDSCAPING.
18. REMOVE EROSION AND SEDIMENTATION CONTROLS AND DISPOSE OF SEDIMENTS IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THE PLAN.
19. FINAL SITE CLEAN-UP.

NOT FOR CONSTRUCTION
FOR REVIEW AND APPROVAL BY PUBLIC AGENCIES ONLY

SOUND BUILDING, LLC 28 BEACHSIDE AVENUE, WESTPORT, CT		DATE 7/30/24
PROPOSED SITE IMPROVEMENTS PLAN FOR A SINGLE FAMILY DWELLING		SCALE AS NOTED
CROSS SECTION DETAILS & NOTES		PROJECT NO. 30463
		SHEET NO. 2 of 2
CSITE CHAPPA SITE CONSULTING, LLC 55 Ridgeview Avenue - Trumbull, CT 06611 phone: (203) 576-1755		