

THE CONTRACTOR SHALL NOTIFY THE TOWN OF GLASTONBURY ENGINEERING DIVISION 24 HOURS PRIOR TO BEGINNING ANY STORM DRAINAGE, SANITARY SEWER INSTALLATION, ROADWAY PREPARATION, PAVING, SIDEWALK, CURBING, OR ANY EXCAVATION IN THE TOWN RIGHT-OF-WAY TO SCHEDULE INSPECTIONS. THE DIVISION CAN BE REACHED BETWEEN 8:00 AM-4:30 PM MONDAY THRU FRIDAY AT (860) 652-7735.

LEGEND

- PROPERTY LINE
- WETLANDS
- ⊗ EX. SITE ITEM TO BE REMOVED
- ⊗ UTILITY STRUCTURE TO BE RESET
- ⊗ PROTECT EXISTING TREE
- ⊗ RELOCATE AND PROTECT EXISTING UTILITY
- ⊗ TREE TO BE REMOVED
- FENCE WALL TO BE REMOVED
- PIPING TO BE REMOVED
- CURB TO BE REMOVED
- CONSTRUCTION FENCE
- BIT. PAVEMENT TO BE REMOVED
- CONC. PAVEMENT TO BE REMOVED
- GRAVEL TO BE REMOVED
- BITUMINOUS PAVEMENT MILL AREA
- VEGETATION TO BE REMOVED

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**MAIN STREET
MIXED USE DEVELOPMENT**

GLASTONBURY, CT
2277-2389 MAIN STREET

DATE:	REVISION:
08-23-2024	RESPONSE TO COMMENTS
09-06-2024	RESPONSE TO ENGINEERING COMMENTS



PROJECT NO.: 70607.00
 SCALE: 1" = 30'
 DATE: 07/28/2024

DRAWN BY: RLC
 CHECKED BY: WDW

DEMOLITION & PREPARATION PLAN

DRAWING NO.: **C1.0**




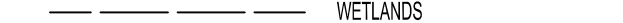




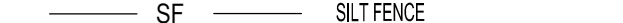


NOTE: THE CONTRACTOR SHALL PROVIDE A STAGING PLAN AND A PHASING PLAN, FOR REVIEW AND APPROVAL BY THE ENGINEER AND THE TOWN, PRIOR TO SITE MOBILIZATION.

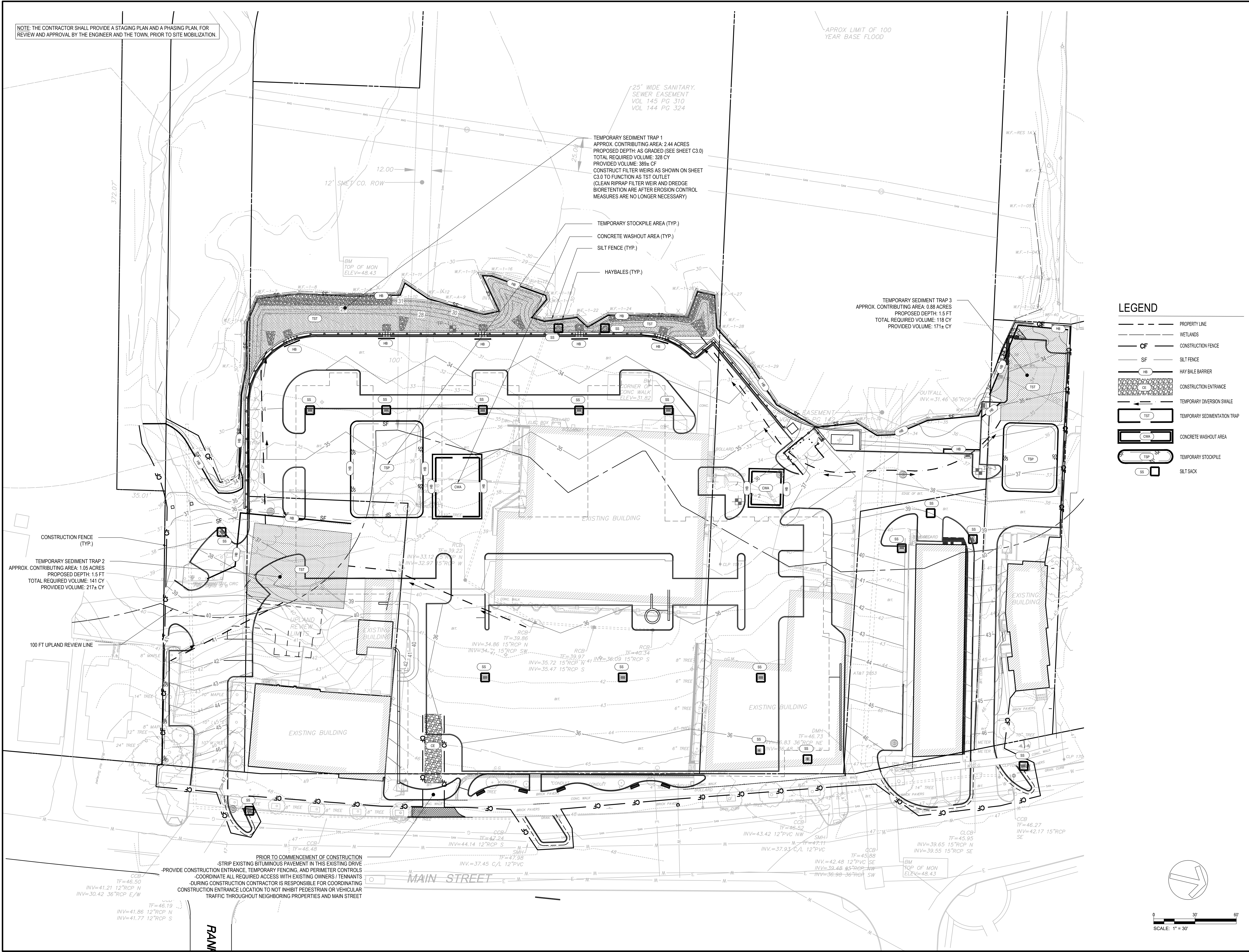
**MAIN STREET
 MIXED USE DEVELOPMENT**

GLASTONBURY, CT

2277-2389 MAIN STREET

LEGEND

-  PROPERTY LINE
-  WETLANDS
-  CONSTRUCTION FENCE
-  SILT FENCE
-  HAY BALE BARRIER
-  CONSTRUCTION ENTRANCE
-  TEMPORARY DIVERSION SWALE
-  TEMPORARY SEDIMENTATION TRAP
-  CONCRETE WASHOUT AREA
-  TEMPORARY STOCKPILE
-  SILT SACK



25' WIDE SANITARY SEWER EASEMENT VOL 145 PG 310 VOL 144 PG 324

TEMPORARY SEDIMENT TRAP 1
 APPROX. CONTRIBUTING AREA: 2.44 ACRES
 PROPOSED DEPTH: AS GRADE (SEE SHEET C3.0)
 TOTAL REQUIRED VOLUME: 328 CY
 PROVIDED VOLUME: 389± CF
 CONSTRUCT FILTER WEIRS AS SHOWN ON SHEET C3.0 TO FUNCTION AS TST OUTLET
 (CLEAN RIPRAP FILTER WEIR AND DREDGE BIORETENTION ARE AFTER EROSION CONTROL MEASURES ARE NO LONGER NECESSARY)

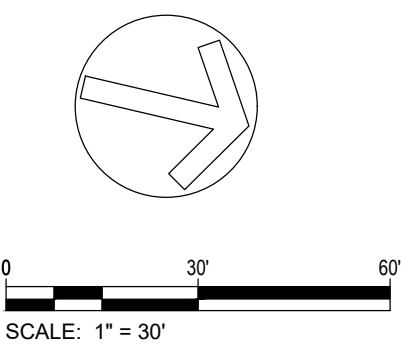
TEMPORARY STOCKPILE AREA (TYP.)
 CONCRETE WASHOUT AREA (TYP.)
 SILT FENCE (TYP.)

HAYBALES (TYP.)

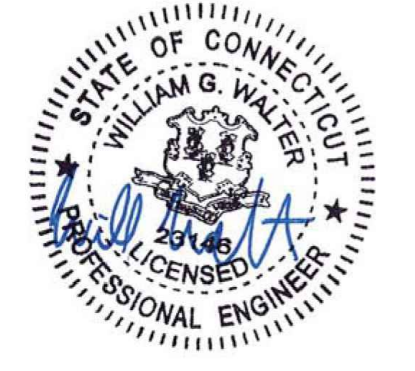
TEMPORARY SEDIMENT TRAP 3
 APPROX. CONTRIBUTING AREA: 0.88 ACRES
 PROPOSED DEPTH: 1.5 FT
 TOTAL REQUIRED VOLUME: 118 CY
 PROVIDED VOLUME: 171± CY

CONSTRUCTION FENCE (TYP.)
 TEMPORARY SEDIMENT TRAP 2
 APPROX. CONTRIBUTING AREA: 1.05 ACRES
 PROPOSED DEPTH: 1.5 FT
 TOTAL REQUIRED VOLUME: 141 CY
 PROVIDED VOLUME: 217± CY

PRIOR TO COMMENCEMENT OF CONSTRUCTION STRIP EXISTING BITUMINOUS PAVEMENT IN THIS EXISTING DRIVE
 PROVIDE CONSTRUCTION ENTRANCE, TEMPORARY FENCING, AND PERIMETER CONTROLS
 COORDINATE ALL REQUIRED ACCESS WITH EXISTING OWNERS / TENANTS
 DURING CONSTRUCTION CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONSTRUCTION ENTRANCE LOCATION TO NOT INHIBIT PEDESTRIAN OR VEHICULAR TRAFFIC THROUGHOUT NEIGHBORING PROPERTIES AND MAIN STREET



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**EROSION &
 SEDIMENTATION
 CONTROL PLAN**

DRAWING NO.:
C1.1

SITE PREPARATION NOTES:

- CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" (1-800-922-4455) AND VERIFY UTILITY MARK-OUT WITH THE OWNER PRIOR TO THE INITIATION OF ANY SITE DISTURBANCE.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFICATION OF THE LOCATION AND NATURE OF ALL SUBSURFACE UTILITIES AT THE PROJECT WHICH MAY BE AFFECTED BY THE WORK. COORDINATE WITH RESPECTIVE UTILITY OWNERS AND PERFORM VERIFICATION OF TYPE, LOCATION, AND INVERTS AS REQUIRED.
- PROTECT ALL IMPROVEMENTS NOT INCLUDED WITHIN THE LIMITS OF WORK. ANY IMPROVEMENT WHICH IS DAMAGED SHALL BE REPAIRED OR REPLACED IN-KIND TO THE OWNER'S SATISFACTION.
- DURING DEMOLITION, PROTECT ALL ADJACENT CURBING, SIDEWALKS, RAMPS, ABOVE-GRADE AND BELOW-GRADE UTILITIES, DRAINAGE STRUCTURES, LIGHT BASES, AND OTHER IMPROVEMENTS POTENTIALLY AFFECTED BY THE WORK. CLEARLY DELINEATE THE LIMITS OF WORK AND MARK BARRICADE, OR OTHERWISE IDENTIFY THOSE IMPROVEMENTS THAT ARE TO BE PROTECTED AND/OR AVOIDED. ANY IMPROVEMENT WHICH IS DAMAGED SHALL BE REPAIRED OR REPLACED IN-KIND TO THE OWNER'S SATISFACTION.
- THE LOCATIONS OF EXISTING SITE FEATURES AS SHOWN HAVE BEEN OBTAINED FROM MAPS, SURVEYS, FIELD INSPECTIONS, AND OTHER AVAILABLE INFORMATION. THEY MUST BE CONSIDERED APPROXIMATE BOTH TO LOCATION, SIZE, AND AS-BUILT CONDITION AND ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL FIELD CONDITIONS.
- THE DIMENSIONS SHOWN ON THE PLANS, INCLUDING THE INTENDED DIMENSIONS OF THE WORK, MAY VARY FROM ACTUAL EXISTING CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASUREMENTS TO VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS AS WELL AS OTHER DIMENSIONS HE MAY DEEM APPROPRIATE TO FACILITATE THE COMPLETION OF THE WORK. NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- IMPLEMENTING WORKER SAFETY AND/OR HEALTH PROTOCOLS THAT ADDRESS COMPLIANCE WITH RULES, LAWS, AND REGULATIONS PERTAINING TO CONSTRUCTION SAFETY AND/OR THE POTENTIAL AND/OR ACTUAL RISK OF EXPOSURE TO SITE-SPECIFIC PHYSICAL OR CHEMICAL HAZARDS IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
- PRIOR TO THE TERMINATION, ABANDONMENT, OR REMOVAL OF ANY UTILITY, VERIFY THAT APPLICABLE NOTIFICATIONS HAVE BEEN MADE TO THE UTILITY OWNER/OPERATOR AND THAT THE UTILITY HAS BEEN PROPERLY TERMINATED, CAPPED, OR PLUGGED AS REQUIRED.
- PROVIDE PAVEMENT SAWCUT AT THE EDGE OF EACH PAVEMENT REMOVAL AREA TO ESTABLISH A CLEAN EDGE WHERE NEW WORK WILL MEET EXISTING PAVEMENT. SAWCUT SHALL BE A MINIMUM OF 12 INCHES FROM EDGE OF PAVEMENT REMOVAL.
- UNLESS OTHERWISE INDICATED, ALL DISTURBED AREAS SHALL BE RESTORED WITH SIX (6) INCHES OF LOAM, SEEDED, FERTILIZED, AND MULCHED. PROVIDE ADDITIONAL EROSION CONTROLS AS REQUIRED.
- ALL SIDEWALK CLOSURES AND MEASURES FOR TEMPORARY PEDESTRIAN ACCESS, SIDEWALKS, CROSSINGS, AND BIKE LANES SHALL MEET THE APPROVAL OF THE TOWN OF GLASTONBURY.

EROSION AND SEDIMENTATION CONTROL NARRATIVE:

PER STATE OF CONNECTICUT

ALL APPLICABLE PRACTICES RECOMMENDED BY THE 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL AS AMENDED.

DESCRIPTION

THE PROJECT CONSISTS OF REDEVELOPING AND IMPROVING THE COMMERCIAL PROPERTIES LOCATED AT 2283-2389 MAIN STREET. THE EXISTING SITE CONSISTS OF BUILDINGS, PARKING LOTS, ACCESS DRIVES, AND VEGETATION AREAS. THE PROPOSED REDEVELOPMENT CONSISTS OF PORTIONS OF BUILDINGS DEMOLITION TO REDUCE SIZE, NEW PARKING, STORM UTILITY UPGRADES, AND LANDSCAPING ENHANCEMENTS.

DESIGN AND CRITERIA

NOTE: THE CONTRACTOR SHALL NAME ONE INDIVIDUAL AS HIS SEDIMENT AND EROSION CONTROL SUPERVISOR WHOSE PRIMARY RESPONSIBILITY WILL BE THE MAINTENANCE OF ALL ON-SITE EROSION CONTROL MEASURES. HE WILL KEEP A DAILY LOG OF HIS ACTIVITIES AND AN UPDATED SCHEDULE OF PROPOSED CONSTRUCTION ACTIVITIES. THE LOG WILL BE MADE AVAILABLE TO INSPECTORS.

- GEOTEXTILE SILT FENCE (SF)** - SHALL BE NON-WOVEN MATERIAL, MINIMUM 36" HIGH AND FASTENED TO WOOD STAKES. SILT FENCE SHALL BE INSTALLED WITH END RUNS TURNED UP GRADE AT 45 DEGREES FOR A DISTANCE OF 10 FEET.
- TEMPORARY SEEDING (TS)**
 - CONTRACTOR SHALL SCARIFY THE SOIL TO A DEPTH OF 2" BEFORE APPLYING FERTILIZER, LIMESTONE AND SEED.
 - SEED MAY BE APPLIED BY HAND OR MECHANICALLY. SEED APPLICATION SHALL BE UNIFORM. SEED RATE SHALL BE IN ACCORDANCE WITH THE 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL AS AMENDED (INCREASE SEEDING RATES BY 10% WHEN HYDROSEEDING, LIMESTONE, FERTILIZER AND SEED MAY BE APPLIED IN SLURRY.)
 - CONTRACTOR SHALL MULCH AREA (MS) IMMEDIATELY FOLLOWING SEEDING. (NOTE: IN THE EVENT SEEDING OPERATIONS ARE NOT FEASIBLE DUE TO SEASONAL RESTRICTIONS OR EXTENDED INCLEMENT WEATHER PATTERNS, THE CONTRACTOR SHALL INSTALL AN EROSION CONTROL BLANKET OVER EXPOSED SOILS.)
- PERMANENT SEEDING (PS)**
 - CONTRACTOR SHALL APPLY TOPSOIL AND FINE GRADE ALL AREAS BEFORE THE APPLICATION OF PERMANENT SEED. APPLY LIMESTONE AND FERTILIZER AS NEEDED, IN ACCORDANCE WITH SOIL TESTS.
 - REMOVE ALL SURFACE STONES 1/2 INCH AND LARGER. REMOVE ALL OTHER DEBRIS AND RAKE SEED BED.
 - APPLY SEED WITHIN 7 DAYS AFTER ESTABLISHING FINAL GRADES. SEE PLANTING PLAN.
- STRAW BALE BARRIER (HB)** - SHALL BE MADE OF STRAW WITH 40 POUNDS MINIMUM WEIGHT AND 120 POUNDS MAXIMUM WEIGHT, HELD TOGETHER BY TWINE OR WIRE.
- CONSTRUCTION ENTRANCE (CE)** - SHALL BE AN ANGULAR STONE PAD, A MINIMUM OF 12' WIDE AND 50' LONG.

APPLICATION/GENERAL PROCEDURES

- SOIL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO ANY SITE DISTURBANCE, AND DEVELOPMENT WILL PROCEED ACCORDING TO A SPECIFIC CONSTRUCTION SEQUENCE. THE OBJECTIVE IS TO MAXIMIZE THE REDUCTION OF SEDIMENT-LADEN RUNOFF THROUGH IMPLEMENTATION OF CONVENTIONAL SOIL SEDIMENTATION AND EROSION CONTROL PRACTICES CURRENTLY RECOMMENDED BY THE 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- EARTHWORK WILL BE SCHEDULED FOR PERIODS WHEN SOIL SATURATION IS LOW AND SOIL LOSS HAZARD IS AT A MINIMUM.
 - SUSPEND EARTHWORK FOR MAJOR STORM EVENTS AND IMPLEMENT ADDITIONAL SEDIMENTATION AND EROSION CONTROL MEASURES AS NECESSARY.
 - THERE SHALL BE NO CUTS OR FILL LEFT EXPOSED FOR LONGER THAN 30 DAYS. THE ESTABLISHED PROCEDURE OF TEMPORARILY SEEDING AND/OR COVER WITH EROSION PROTECTION (MAT OR STRAW) SHALL BE FOLLOWED TO INSURE MINIMAL SOIL LOSS.
 - THE DISCHARGE OF UNTREATED STORMWATER TO ANY ADJACENT ROADWAYS, DRAINAGE INLETS, OR PROPERTIES IS NOT ALLOWED.

EROSION AND SEDIMENT CONTROL NOTES:

- THIS PLAN IS FOR EROSION AND SEDIMENTATION (E&S) CONTROL ONLY. SEE OTHER PLANS FOR THE SCOPE OF CONSTRUCTION WORK.
- THE MEASURES SPECIFIED HEREON ARE THE MINIMUM REQUIREMENTS FOR E&S CONTROL AND ARE SHOWN IN GENERAL SIZE AND LOCATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL E&S CONTROL MEASURES ARE CONFIGURED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO ANY RESOURCE AREAS. ALL EROSION CONTROLS SHALL BE INSTALLED PRIOR TO ANY SITE WORK. CONTROLS SHOULD BE INSPECTED WEEKLY AND AFTER EACH RAINFALL. EXCAVATED MATERIAL SHOULD NOT BE DISPOSED OF IN THE WETLAND AREA. PROVIDE ADDITIONAL E&S MEASURES AS REQUIRED TO CONTROL EROSION AND SILTATION THROUGHOUT THE DURATION OF THE CONSTRUCTION AS CONDITIONS DICTATE AND/OR AS DIRECTED BY THE OWNER OR THE ENGINEER.
- MONITOR AND INSPECT ALL E&S MEASURES IN AN ONGOING MANNER THROUGHOUT THE WORK AND TAKE CORRECTIVE MEASURES, AS REQUIRED, TO MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO ANY RESOURCE AREAS.
- ANY EROSION AND SEDIMENTATION MEASURE IMPLEMENTED BEYOND THAT SHOWN HEREON SHALL CONFORM TO APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT'S 2024 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL."
- ANY STOCKPILED MATERIAL SHALL BE SUBJECT TO EROSION CONTROL MEASURES THAT INCLUDE A MINIMUM OF SILT FENCE OR HAY BALE BARRIER. COVER STOCKPILES IF SIGNIFICANT RAINFALL IS PREDICTED.
- PROVIDE TEMPORARY SEEDING WITH MULCH ON ALL EXPOSED SOIL AREAS WHERE WORK WILL BE SUSPENDED FOR LONGER THAN 30 DAYS. APPLY SEED AND MULCH WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK. WHEN SEEDING IS NOT POSSIBLE DUE TO SEASONAL WEATHER CONDITIONS OR OTHER FACTORS, PROVIDE TEMPORARY STRUCTURAL SOIL PROTECTION SUCH AS MULCH, WOODCHIPS, EROSION CONTROL MATTING, OR COMPOST.
- ALL TEMPORARY SLOPES IN EXCESS OF 3 (HORIZONTAL) TO 1 (VERTICAL) SHALL BE STABILIZED WITH EROSION CONTROL MATTING OR APPROVED EQUIVALENT.
- NO RUNOFF SHALL BE ALLOWED TO ENTER ANY STORMWATER SYSTEM OR EXIT THE SITE PRIOR TO TREATMENT FOR SEDIMENT REMOVAL.
- THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION SITE AND SHALL NOT ALLOW THE ACCUMULATION OF RUBBISH OR CONSTRUCTION DEBRIS. ALL TRASH SHALL BE CLEANED ON A DAILY BASIS AND THE SITE SHALL BE LEFT IN A NEAT CONDITION AT THE END OF EACH WORK DAY.
- TAKE ALL NECESSARY PRECAUTIONS TO AVOID THE SPILLAGE OF FUEL OR OTHER POLLUTANTS AND ADHERE TO ALL APPLICABLE POLICIES AND REGULATIONS RELATED TO SPILL PREVENTION, CONTROL, AND RESPONSE.
- FOR DUST CONTROL, PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER AND MAINTAIN ADEQUATE MOISTURE LEVELS.
- SWEEP ADJACENT ROADWAYS IF MUD OR SOIL IS TRACKED ON TO THEM, OR AS DIRECTED BY THE ENGINEER.
- ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED BY THE PERMITTEE AND INSPECTED BY THE TOWN ENGINEER AND/OR THE WETLANDS ENFORCEMENT OFFICER / DULY AUTHORIZED AGENT; ADDITIONAL OR SUPPLEMENTAL CONTROLS MAY BE REQUIRED. THE PERMITTEE SHALL MAINTAIN THE CONTROLS DURING AND AFTER CONSTRUCTION AND REMOVE THEM UPON SITE STABILIZATION OF THE AFFECTED AREA.
- AN ANTI-TRACKING APRON SHALL BE INSTALLED AT THE SITE ACCESS DRIVE AT A LOCATION APPROVED BY THE TOWN ENGINEER, WITH 6 INCHES OF CRUSHED STONE (SIZED 1 1/2" TO 3") UNDERLAIN WITH CONSTRUCTION FRAME SPREAD TO THE TRAVELED WIDTH AND 40 FEET IN LENGTH OR WITH APRON MATS. THE APRON SHALL BE MAINTAINED AT ALL TIMES.
- THE PERMITTEE AND THEIR CONTRACTOR SHALL MEET WITH AGENCY STAFF, INCLUDING BUT NOT LIMITED TO THE WETLANDS ENFORCEMENT OFFICER / DULY AUTHORIZED AGENT AND TOWN ENGINEER, TO REVIEW THE CONDITIONS OF THIS APPROVAL AND THE CONSTRUCTION PROGRAM TO BE UTILIZED TO IMPLEMENT THE APPROVED REGULATED ACTIVITY.
- THE WETLANDS ENFORCEMENT OFFICER / DULY AUTHORIZED AGENT SHALL BE NOTIFIED IN WRITING FORTY-EIGHT (48) HOURS PRIOR TO THE START OF CONSTRUCTION.
- DURING THE DURATION OF THIS APPROVAL, THE CHAIRMAN OF THE AGENCY OR THE WETLANDS ENFORCEMENT OFFICER / DULY AUTHORIZED AGENT SHALL HAVE PERMISSION TO ENTER UPON THE SUBJECT PROPERTY AT REASONABLE TIMES FOR THE PURPOSE OF VIEWING AND INSPECTING THE CONDUCT OF THE APPROVED REGULATED ACTIVITY.
- NO WORK OTHER THAN MAINTENANCE OF SEDIMENT AND EROSION CONTROL SHALL BE PERFORMED DURING SIGNIFICANT RAINFALL OF ONE (1) INCH OR MORE WITHIN A TWENTY-FOUR (24) HOUR PERIOD. ALL WORK SHALL BE PERFORMED BETWEEN 8:00 AM AND 5:00 PM, MONDAY THROUGH FRIDAY. NO WORK MAY BE CONDUCTED ON LEGAL HOLIDAYS OR WEEKENDS WITHOUT THE EXPRESSED APPROVAL OF THE AGENCY.
- UPON COMPLETION OF THE REGULATED ACTIVITY APPROVED HEREIN, THE PERMITTEE SHALL NOTIFY THE WETLANDS ENFORCEMENT OFFICER / DULY AUTHORIZED AGENT FOR A FINAL INSPECTION AND CONFIRMATION OF SATISFACTORY COMPLETION AND COMPLIANCE WITH THE APPROVED SITE PLANS AND ALL STANDARD AND SPECIAL SUPPLEMENTAL CONDITIONS, REQUIREMENTS AND MODIFICATIONS OF THIS APPROVAL.

SUGGESTED CONSTRUCTION SEQUENCE:

- CONDUCT A PRE-CONSTRUCTION MEETING WITH THE OWNER, ENGINEER, AND TOWN STAFF PRIOR TO ANY CONSTRUCTION ACTIVITY.
- INSTALL CONSTRUCTION ENTRANCE(S) AND PLACE CATCH BASIN FILTER INSERTS IN EXISTING CATCH BASINS.
- INSTALL PERIMETER E&S CONTROLS AND REQUEST PRE-CONSTRUCTION INSPECTION FROM THE ENGINEER.
- REMOVE EXISTING PAVING, CURBING, PORTIONS OF BUILDING(S) TO BE REMOVED AND OTHER IMPROVEMENTS.
- PERFORM BULK EARTHWORK OPERATIONS.
- BEGIN RENOVATION OF BUILDINGS.
- CONSTRUCT UTILITIES.
- BOX OUT PARKING LOT WITH IMPORTED BASE MATERIALS.
- CONSTRUCT BOTTOM COURSE OF BITUMINOUS PAVEMENT.
- CONSTRUCT LANDSCAPING AND OTHER SITE AMENITIES.
- CONSTRUCT CURBING AND TOP COURSE OF BITUMINOUS PAVEMENT.
- AT THE CONCLUSION OF CONSTRUCTION, COMPLETE THE INSTALLATION OF POST-CONSTRUCTION SITE STABILIZATION MEASURES AS SHOWN ON THE DRAWINGS.

TEMPORARY E&S MEASURES MAINTENANCE SCHEDULE

E&S MEASURE	MAINTENANCE MEASURES	SCHEDULE
FILTER INSERTS IN DRAINAGE SYSTEM	CLEAN CATCH BASIN GRATE, REMOVE SEDIMENT/DEBRIS FROM FILTER INSERTS	WEEKLY & WITHIN 24 HOURS AFTER STORM GENERATING A DISCHARGE
HAY BALES/ SILT FENCE BARRIER	REPAIR/REPLACE WHEN FAILURE OBSERVED, REMOVE SILT WHEN ACCUMULATION REACHES APPROX. HALF HEIGHT OF BARRIER	WEEKLY & WITHIN 24 HOURS AFTER STORM GENERATING A DISCHARGE
CONSTRUCTION ENTRANCE	SWEEP PAVED ROADWAY ADJACENT TO SITE ENTRANCE AS NECESSARY, REFRESH STONE AS NECESSARY, REMOVE SILTED GRAVEL	WEEKLY
MOISTEN EXPOSED SOILS	PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER ON UNPAVED TRAVELWAYS AND KEEP TRAVELWAYS DAMP	DAILY
TEMPORARY SEDIMENT TRAP	CHECK AND REPAIR STONE OUTLET, CLEAN WHEN HALF FULL OF SEDIMENT (DEWATER IF NECESSARY), RESTORE TRAP TO ORIGINAL DIMENSIONS	WEEKLY & WITHIN 24 HOURS AFTER STORM GENERATING A DISCHARGE

- THE PROJECT PROPOSES TO DISTURB APPROXIMATELY 4.90 ACRES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF PHASING DURING CONSTRUCTION TO ENSURE ACCESSIBILITY TO ALL EXISTING NEIGHBORING AND ON-SITE TENANTS / OWNERS TO REMAIN DURING AND AFTER CONSTRUCTION.
- PHASING REQUIREMENTS DURING CONSTRUCTION ARE SUBJECT TO CHANGE FOR SPECIFIC OWNER / TENANT USE OF NEIGHBORING AND EXISTING TO REMAIN BUSINESSES / RESIDENCES AS REQUESTED BY THE TOWN, DIRECTED BY ENGINEER, OR AS DETERMINED NECESSARY BY THE CONTRACTOR TO ENSURE SAFETY AND ACCESSIBILITY.

Prepared by:



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Prepared for:



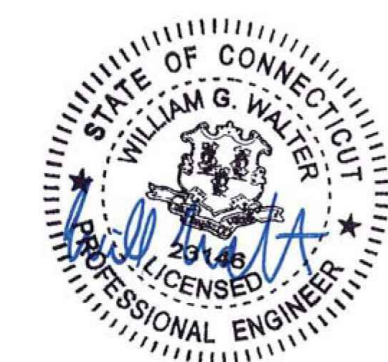
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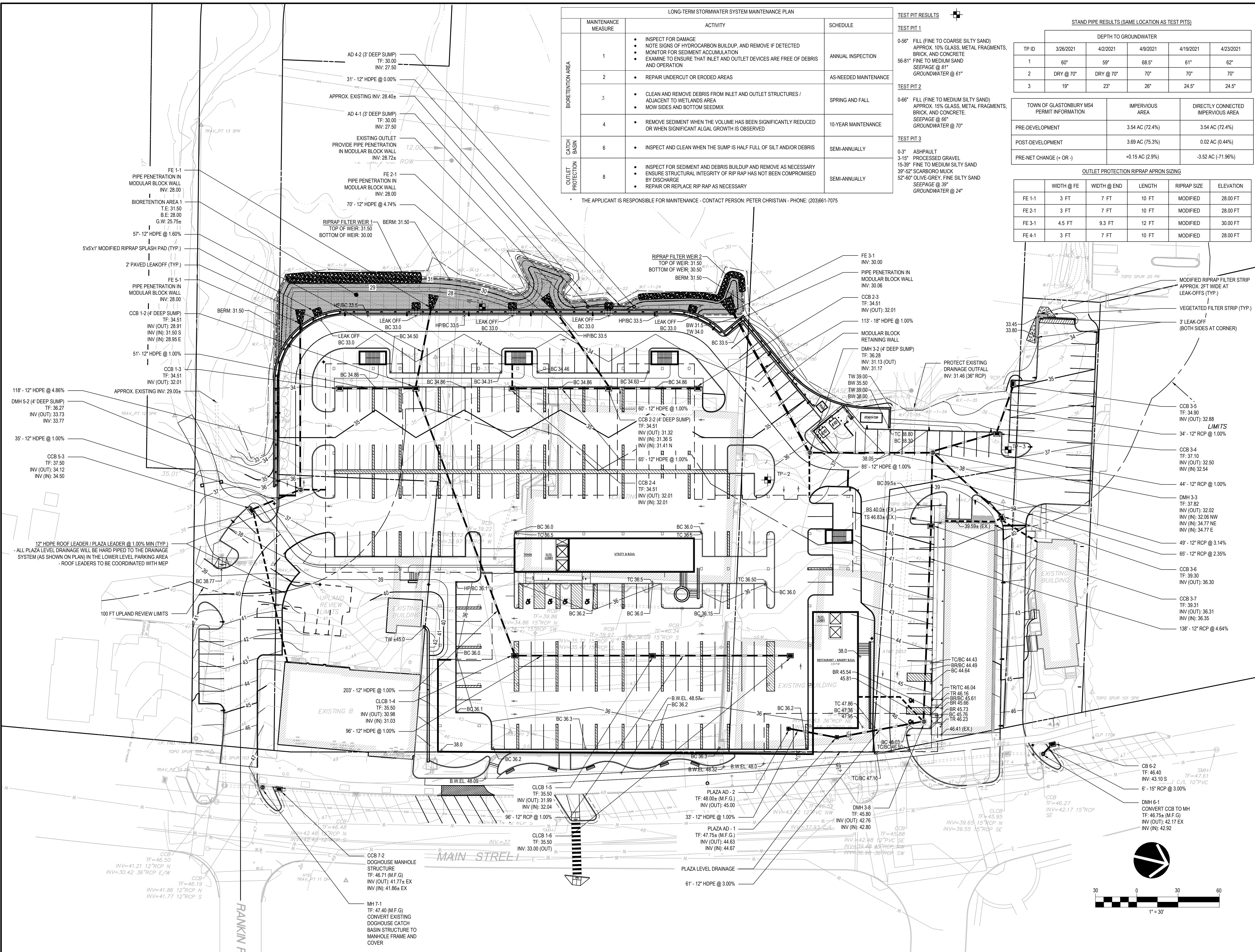
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**SITE PREPARATION
& EROSION CONTROL
NOTES**

DRAWING NO.:
C1.3



LONG-TERM STORMWATER SYSTEM MAINTENANCE PLAN

MAINTENANCE MEASURE	ACTIVITY	SCHEDULE	
BIORETENTION AREA	1	<ul style="list-style-type: none"> INSPECT FOR DAMAGE NOTE SIGNS OF HYDROCARBON BUILDUP, AND REMOVE IF DETECTED MONITOR FOR SEDIMENT ACCUMULATION EXAMINE TO ENSURE THAT INLET AND OUTLET DEVICES ARE FREE OF DEBRIS AND OPERATION 	ANNUAL INSPECTION
	2	<ul style="list-style-type: none"> REPAIR UNDERCUT OR ERODED AREAS 	AS-NEEDED MAINTENANCE
	3	<ul style="list-style-type: none"> CLEAN AND REMOVE DEBRIS FROM INLET AND OUTLET STRUCTURES / ADJACENT TO WETLANDS AREA MOW SIDES AND BOTTOM SEEDMIX 	SPRING AND FALL
	4	<ul style="list-style-type: none"> REMOVE SEDIMENT WHEN THE VOLUME HAS BEEN SIGNIFICANTLY REDUCED OR WHEN SIGNIFICANT ALGAL GROWTH IS OBSERVED 	10-YEAR MAINTENANCE
CATCH BASIN	6	<ul style="list-style-type: none"> INSPECT AND CLEAN WHEN THE SUMP IS HALF FULL OF SILT AND/OR DEBRIS 	SEMI-ANNUALLY
OUTLET PROTECTION	8	<ul style="list-style-type: none"> INSPECT FOR SEDIMENT AND DEBRIS BUILDUP AND REMOVE AS NECESSARY ENSURE STRUCTURAL INTEGRITY OF RIP RAP HAS NOT BEEN COMPROMISED BY DISCHARGE REPAIR OR REPLACE RIP RAP AS NECESSARY 	SEMI-ANNUALLY

* THE APPLICANT IS RESPONSIBLE FOR MAINTENANCE - CONTACT PERSON: PETER CHRISTIAN - PHONE: (203)661-7075

TEST PIT RESULTS

TEST PIT 1

0-56" FILL (FINE TO COARSE SILTY SAND)
APPROX. 10% GLASS, METAL FRAGMENTS,
BRICK, AND CONCRETE
56-61" FINE TO MEDIUM SAND
SEEPAGE @ 61"
GROUNDWATER @ 61"

TEST PIT 2

0-66" FILL (FINE TO MEDIUM SILTY SAND)
APPROX. 15% GLASS, METAL FRAGMENTS,
BRICK, AND CONCRETE
SEEPAGE @ 66"
GROUNDWATER @ 70"

TEST PIT 3

0-3" ASPHALT
3-15" PROCESSED GRAVEL
15-39" FINE TO MEDIUM SILTY SAND
39"-52" SCARBORO MUCK
52"-60" OLIVE-GREY, FINE SILTY SAND
SEEPAGE @ 39"
GROUNDWATER @ 24"

STAND PIPE RESULTS (SAME LOCATION AS TEST PITS)

TP ID	DEPTH TO GROUNDWATER				
	3/26/2021	4/2/2021	4/9/2021	4/19/2021	4/23/2021
1	60"	59"	68.5"	61"	62"
2	DRY @ 70"	DRY @ 70"	70"	70"	70"
3	19"	23"	26"	24.5"	24.5"

TOWN OF GLASTONBURY MS4 PERMIT INFORMATION	IMPERVIOUS AREA	DIRECTLY CONNECTED IMPERVIOUS AREA
PRE-DEVELOPMENT	3.54 AC (72.4%)	3.54 AC (72.4%)
POST-DEVELOPMENT	3.69 AC (75.3%)	0.02 AC (0.44%)
PRE-NET CHANGE (+ OR -)	+0.15 AC (2.9%)	-3.52 AC (-71.96%)

OUTLET PROTECTION RIPRAP APRON SIZING

	WIDTH @ FE	WIDTH @ END	LENGTH	RIPRAP SIZE	ELEVATION
FE 1-1	3 FT	7 FT	10 FT	MODIFIED	28.00 FT
FE 2-1	3 FT	7 FT	10 FT	MODIFIED	28.00 FT
FE 3-1	4.5 FT	9.3 FT	12 FT	MODIFIED	30.00 FT
FE 4-1	3 FT	7 FT	10 FT	MODIFIED	28.00 FT

Prepared by:

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**MAIN STREET
MIXED USE DEVELOPMENT**

GLASTONBURY, CT
2277-2389 MAIN STREET

DATE:	REVISION:
08-23-2024	RESPONSE TO COMMENTS
09-06-2024	RESPONSE TO ENGINEERING COMMENTS

PROJECT NO: 70607.00
SCALE: AS NOTED
DATE: 07/28/2024

DRAWN BY: GSL
CHECKED BY: WGW

**GRADING & DRAINAGE PLAN
(LOWER/GRADE LEVEL)**

DRAWING NO.:
C3.0

