

GENERAL NOTES:

1. a) THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES — "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPT. 26, 1996. IT IS A ZONING LOCATION SURVEY BASED ON A DEPENDENT SURVEY AND CONFORMING TO HORIZONTAL ACCURACY TYPE A-2. IT IS INTENDED TO BE USED FOR THE PURPOSE OF DEPICTING THE EXISTING CONDITION OF THE PROPERTY.

2. REFERENCE IS HEREBY MADE TO THE FOLLOWING MAPS:

a) "ESTATE OF RUTH SEDGWICK", NEW HAVEN & WOODBRIDGE CONN., SCALE 1"=50', DATED AUG. 1988, BY WILLIAM J. MALONEY L.S.

b) "SCHEMATIC PROPERTY SURVEY PLAN SHOWING PROPOSED DIVISION OF PROPERTY OF BENITA GREELEY SHERWOOD, TRUSTEE, WOODBRIDGE ROAD & FOUNTAIN STREET, WOODBRIDGE, CONNECTICUT", SCALE 1"=50', DATED SEPTEMBER 2, 2003.

c) "CONNECTICUT STATE HIGHWAY DEPARTMENT, RIGHT OF WAY MAP, TOWNS OF NEW HAVEN & WOODBRIDGE, WILBUR CROSS PARKWAY FROM THE WOODBRIDGE TOWN LINE NORTHEASTERLY TO FOUNTAIN ST.", SCALE 1"=100', SHEET NO. 167-185, SHEET 2 OF 2, DATED JUNE 18, 1941.

3. PROPERTY INFORMATION:
a) THE PARCEL IS SHOWN ON WOODBRIDGE TAX ASSESSORS MAP 2604, BLOCK 690, AS LOT 604.
b) THE PARCEL IS RECORDED IN THE WOODBRIDGE TOWN CLERKS OFFICE IN VOLUME 370, PAGE 201.
c) THE PARCEL IS LOCATED WITHIN THE R ZONE.
d) THE PARCEL HAS A TOTAL AREA OF 5.713 ACRES.
e) THE CURRENT OWNER OF THE PROPERTY IS:
FOUNTAIN WOODBRIDGE LLC
680 BOSTON POST ROAD
MILFORD, CT 06460-2686

4. THE PROPERTY IS LOCATED IN FLOOD HAZARD ZONE X, AREA OF MINIMAL FLOOD HAZARD, AS SHOWN ON F.I.R.M. PANEL 09009C0428H, EFF. DATE 12/17/2010.

5. THE PROPERTY MAY BE SUBJECT TO A RIGHT TO DISCHARGE SURFACE WATER BY THE STATE OF CONNECTICUT AS DESCRIBED IN VOLUME 47, PAGE 250.

6. THERE ARE NO ONSITE WETLANDS PER REPORT BY WILLIAM KENNY ASSOCIATES DATED DECEMBER 23, 2021.

7. THE OFFSITE WETLANDS WERE FLAGGED BY WILLIAM KENNEDY ASSOCIATES ON JANUARY 24TH, 2025 AND FEBRUARY 26TH, 2025. ROSE TISO & CO, LLC THEN COLLECTED THESE POINTS FOR THIS DEVELOPMENT.

8. THIS PLAN IS FOR PERMITTING ONLY AND IS NOT TO BE USED FOR CONSTRUCTION.

9. ALL PAVEMENT CURBING IS TO BE BITUMINOUS CONCRETE UNLESS OTHERWISE NOTED.

10. DO NOT SCALE DRAWING. DIMENSIONS GOVERN OVER SCALED DIMENSIONS.

11. ALL NOTES AND DIMENSIONS LABELED "TYP." APPLY TO ALL LIKE OR SIMILAR CONDITIONS THROUGHOUT THE PLAN SET.

12. CONTRACTOR MUST CALL "CALL BEFORE YOU DIG" PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE WOODBRIDGE PUBLIC WORKS DEPARTMENT 24 HOURS PRIOR TO BEGINNING ANY STORM DRAINAGE, SANITARY SEWER INSTALLATION, ROADWAY PREPARATION, PAVING, SIDEWALK, CURBING, OR ANY EXCAVATION WITHIN THE TOWN RIGHT-OF-WAY. TO SCHEDULE INSPECTIONS, THE WOODBRIDGE PUBLIC WORKS DEPARTMENT CAN BE REACHED BETWEEN 7:00 AM-3:30 PM MONDAY THRU FRIDAY AT 203-389-3420.

13. NO CONSTRUCTION DISTURBANCES OR ACTIVITIES WILL OCCUR WITHIN THE CITY OF NEW HAVEN AND THE EXISTING WETLANDS. ALL CONSTRUCTION DISTURBANCES AND ACTIVITIES WILL BE MORE THAN 100 FEET AWAY FROM THE EXISTING OFFSITE WETLANDS AS SHOWN ON THIS PLAN.

14. A TRASH CHUTE IS PROPOSED. 2 SOLID WASTE CONTAINERS WILL BE ROLLED OUTSIDE TO THE TRASH AREA FOR PICK UP ONCE A WEEK. A 10 CY RECYCLING CONTAINER WILL REMAIN AT THE OUTSIDE TRASH AREA AT ALL TIMES.

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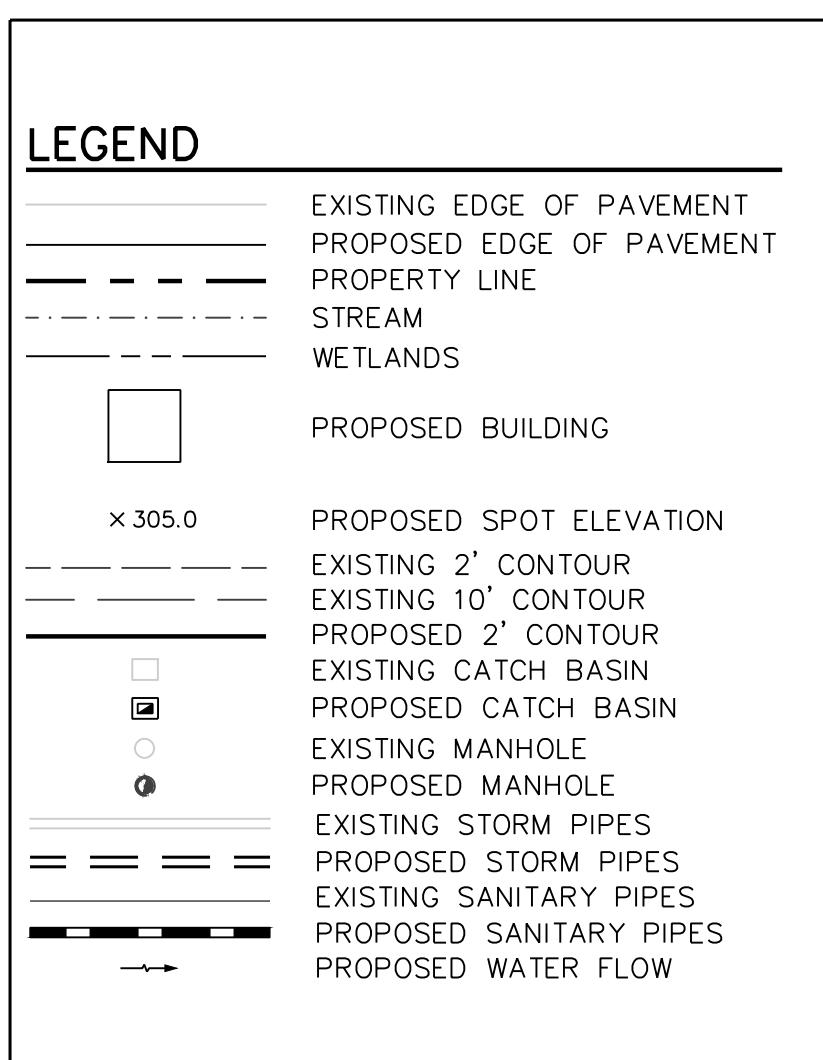
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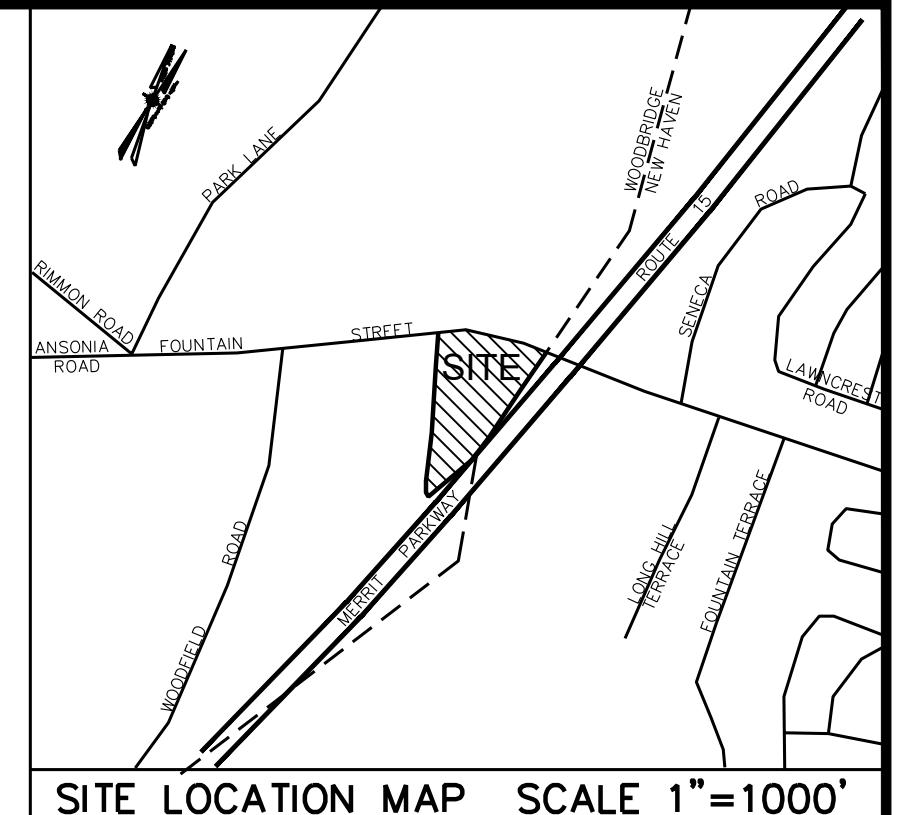
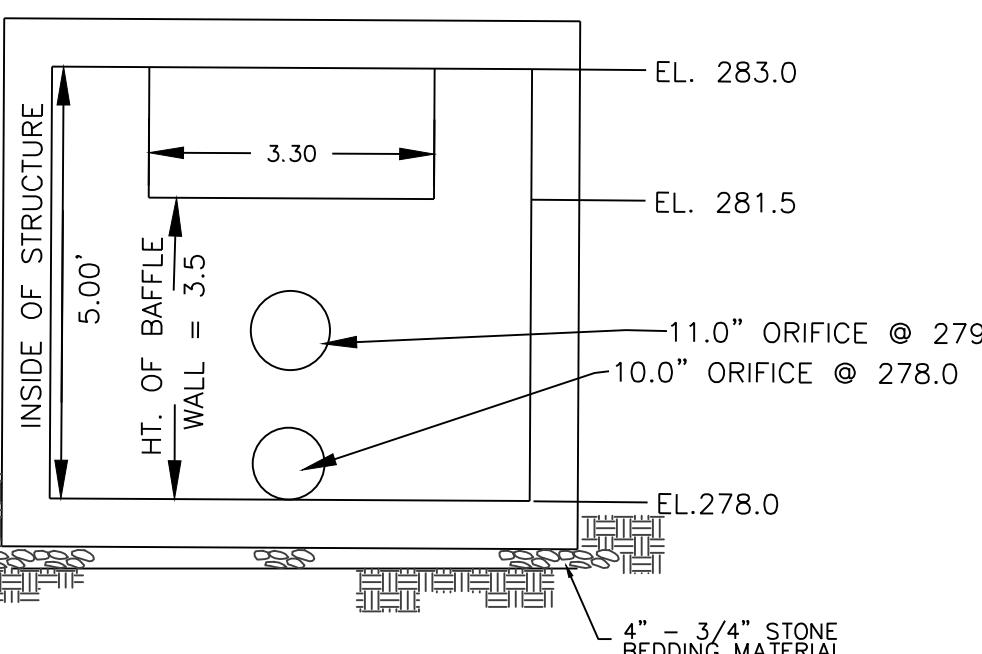
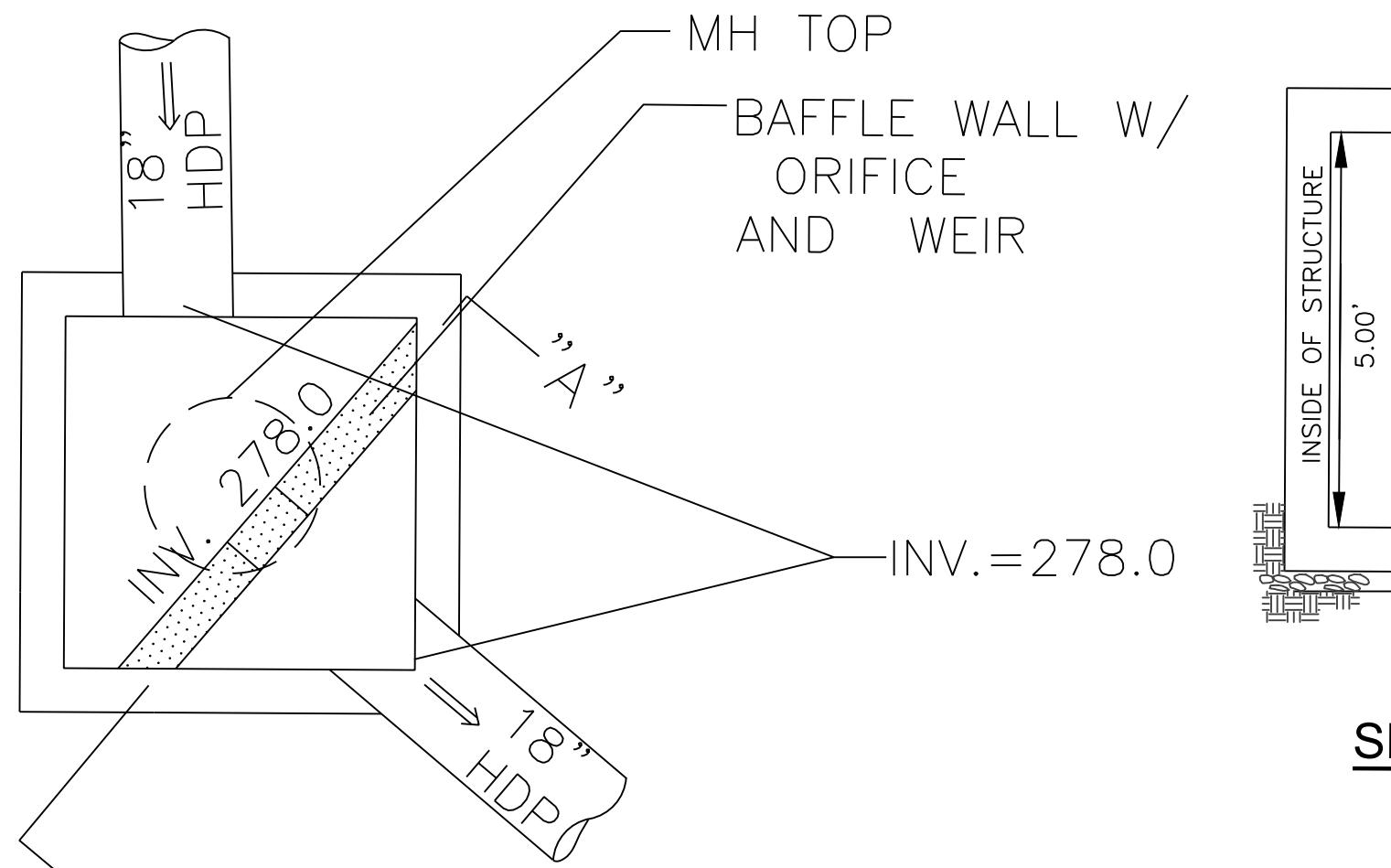
NOTES:

- ALL ROOF DRAINS AND YARD DRAIN DISCHARGE PIPING SHALL BE MIN 4" PVC PLASTIC PIPE (ASTM D 3034) SDR-35 WITH RUBBER GASKETS, BELL AND SPIGOT TYPE JOINTS.
- ALL PERFORATED DISTRIBUTION PIPES WITHIN GALLERIES SHALL BE 4" PERFORATED PVC PLASTIC PIPE (ASTM D 2729) WITH BELL AND SPIGOT, NO GASKET.
- ALL SITE CONSTRUCTION SHALL CONFORM TO THE TOWN OF WOODBRIDGE STANDARD SPECIFICATIONS OR IN THE ABSENCE THEREOF TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM B19.
- MAINTAIN 36" MINIMUM VERTICAL CLEARANCE BETWEEN ALL PROPOSED UTILITIES



INSPECTION & MAINTENANCE PLAN:

- UNITS ARE TO BE INSPECTED EVERY 6-MONTHS AND SUMP VACUUMED IF SEDIMENT DEPTH IS GREATER THAN 18 INCHES.
- OIL ACCUMULATION IS TYPICALLY MUCH LESS THAN SEDIMENT; HOWEVER, REMOVAL OF OIL AND SEDIMENT DURING THE SAME SERVICE IS RECOMMENDED.
- REMOVE FLOATABLES FIRST, AND THEN REMOVE REMAINING VOLUME.
- SITE CATCH BASINS ARE TO BE INSPECTED EVERY 6- MONTHS AND SUMP VACUUMED IF SEDIMENT DEPTH IS GREATER THAN 12 INCHES.
- RESPONSIBLE PARTY FOR MAINTENANCE IS PROPERTY OWNER AND/OR PROPERTY MANAGER.



ROSE • TISO & CO. LLC.
ARCHITECTS • SURVEYORS • ENGINEERS

WWW.ROSETISO.COM
55 BRENTWOOD AVENUE, FAIRFIELD, CT 06435
TEL: (203) 610-6262 • FAX: (203) 610-6404

WATER QUALITY VOLUME CALCULATION
DRAINAGE BASIN AREA = 3.25 AC
IMPERVIOUS = 53%

$$WQ_V = (P * RV * A); RV = 0.05 + 0.009 * I$$

$$RV = 0.05 + 0.009 * (1.73 / 3.25) = 0.527 \text{ WATERSHED INCHES}$$

$$WQ_V = (1.3 * 0.527 * 3.25) / 12 = 0.1855479 \text{ AC-FT} = 8.083 \text{ FT}^3 \text{ REQUIRED}$$

26,271 FT³ PROVIDED

REVISIONS		
NO.	BY	DATE
1	MMF	9-18-2024
2	PMR	11-20-2024
3	MJS	12-31-2024
4	SMM	03-2025
		REVISED PER TOWN'S MEMO

PROJECT TITLE

RESIDENTIAL DEVELOPMENT
804 FOUNTAIN STREET
WOODBRIDGE, CT 06525

Prepared for:
FOUNTAIN RIDGE, LLC
8 HUNTINGTON STREET SUITE 171
SHELTON, CT 06484

SHEET TITLE

GRADING & DRAINAGE PLAN

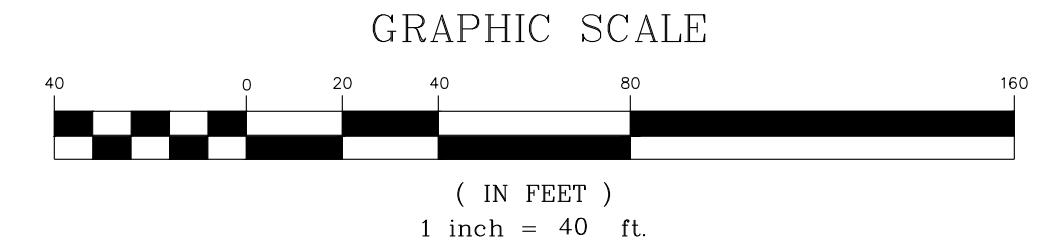
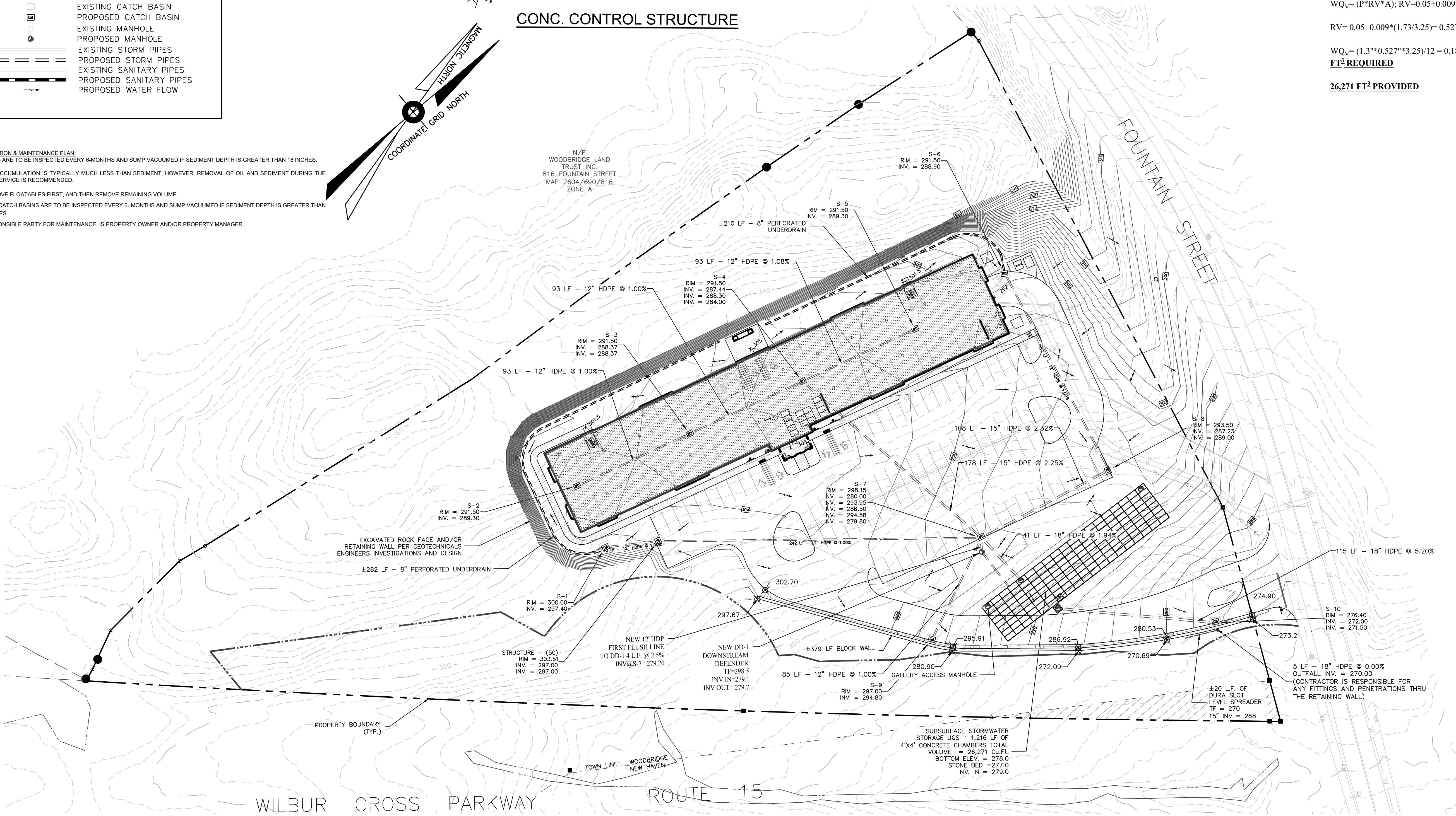
DESIGNED BY: MJS	SCALE: 1"=40'
DRAWN BY: MJS	DATE: 9-20-24
CHECKED BY: PR	PROJECT NUMBER: 2850
CAD FILE: R:/2850/DWG/SITEPLAN	

SEAL	SHEET NUMBER
STATE OF CONNECTICUT DEPARTMENT OF ENVIRONMENT LICENSED PROFESSIONAL ENGINEERS	SP-2

LEGEND	
EXISTING EDGE OF PAVEMENT	
PROPOSED EDGE OF PAVEMENT	
PROPERTY LINE	
STREAM	
WETLANDS	
PROPOSED BUILDING	
PROPOSED SPOT ELEVATION	
EXISTING 2' CONTOUR	
EXISTING 10' CONTOUR	
PROPOSED 2' CONTOUR	
EXISTING CATCH BASIN	
PROPOSED CATCH BASIN	
EXISTING MANHOLE	
PROPOSED MANHOLE	
EXISTING STORM PIPES	
PROPOSED STORM PIPES	
EXISTING SANITARY PIPES	
PROPOSED SANITARY PIPES	
PROPOSED WATER FLOW	

INSPECTION & MAINTENANCE PLAN:

- UNITS ARE TO BE INSPECTED EVERY 6-MONTHS AND SUMP VACUUMED IF SEDIMENT DEPTH IS GREATER THAN 18 INCHES.
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- REMOVE FLOATABLES FIRST, AND THEN REMOVE REMAINING VOLUME.
- SITE CATCH BASINS ARE TO BE INSPECTED EVERY 6- MONTHS AND SUMP VACUUMED IF SEDIMENT DEPTH IS GREATER THAN 12 INCHES.
- RESPONSIBLE PARTY FOR MAINTENANCE IS PROPERTY OWNER AND/OR PROPERTY MANAGER.



NOTE

1. ALL SITE CONSTRUCTION SHALL CONFORM TO THE TOWN OF WOODBRIDGE STANDARD SPECIFICATIONS OR IN THE ABSENCE THEREOF TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM 819.
 2. MAINTAIN 36" MINIMUM VERTICAL CLEARANCE BETWEEN ALL PROPOSED UTILITIES AND FINAL GRADE.

LEGEND

EXISTING EDGE OF PAVEMENT
 PROPOSED EDGE OF PAVEMENT
 PROPERTY LINE
 STREAM
 WETLANDS

 PROPOSED BUILDING

 x 305.0

PROPOSED SPOT ELEVATION
 EXISTING 2' CONTOUR
 EXISTING 10' CONTOUR
 PROPOSED 2' CONTOUR
 EXISTING CATCH BASIN
 PROPOSED CATCH BASIN
 EXISTING MANHOLE
 PROPOSED MANHOLE
 EXISTING STORM PIPES
 PROPOSED STORM PIPES
 EXISTING SANITARY PIPES
 PROPOSED SANITARY PIPES
 PROPOSED WATER FLOW



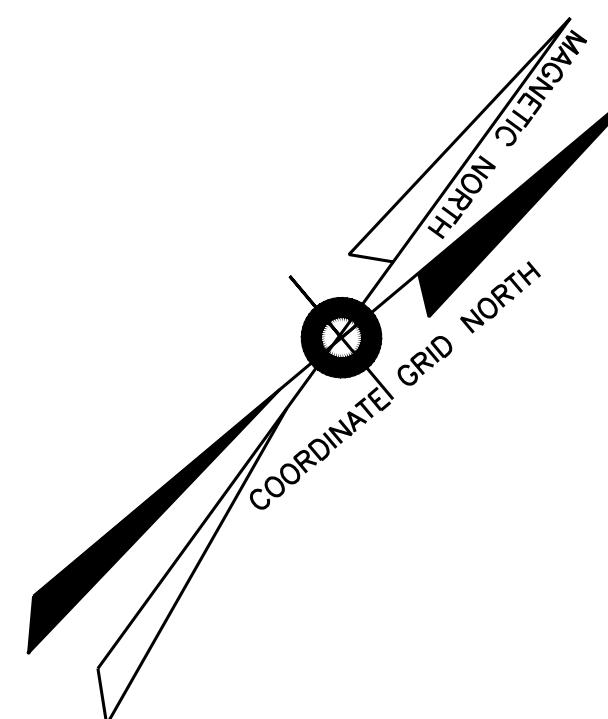
DEFENDER INSPECTION & MAINTENANCE PLAN:
1. UNITS ARE TO BE INSPECTED EVERY 6-MONTHS AND SUMP VACUUMED IF SEDIMENT
DEPTH IS GREATER THAN 18 INCHES
2. OIL ACCUMULATION IS TYPICALLY MUCH LESS THAN SEDIMENT, HOWEVER, REMOVAL OF
OIL AND SEDIMENT DURING THE SAME SERVICE IS RECOMMENDED.

3. REMOVE FLOATABLES FIRST, AND THEN REMOVE REMAINING VOLUME.

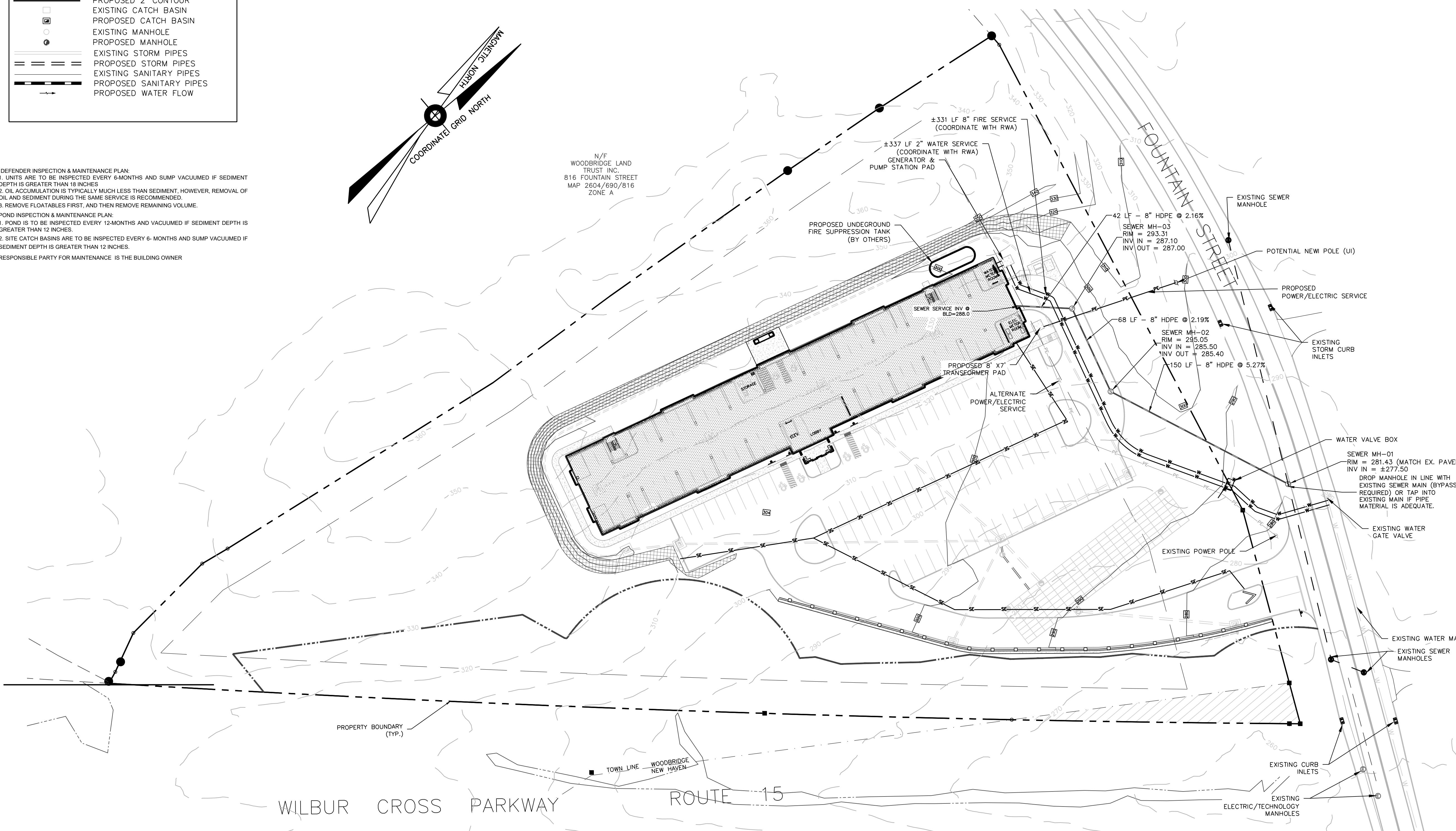
POND INSPECTION & MAINTENANCE PLAN:

1. POND IS TO BE INSPECTED EVERY 12-MONTHS AND VACUUMED IF SEDIMENT DEPTH IS GREATER THAN 12 INCHES.
2. SITE CATCH BASINS ARE TO BE INSPECTED EVERY 6- MONTHS AND SUMP VACUUMED IF

RESPONSIBLE PARTY FOR MAINTENANCE IS THE BUILDING OWNER



WOODBRIDGE
TRUST III
816 FOUNTAIN
MAP 2604/6



SITE LOCATION MAP SCALE 1"=1000'

WWW.ROSETISO.COM
35 BRENTWOOD AVENUE, FAIRFIELD, CT 06430
TEL: (203)610-6262 • FAX: (203)610-6404

REVISIONS			
O.	BY	DATE	DESCRIPTION
	MMF	9-18-2024	DESIGN DEVELOPMENT
	PMR	11-20-2024	UPDATE ZONING GRID
	MJS	12-31-2024	ISSUED TO P&Z
	SMM	03-2025	REVISED PER TOWN'S MEMO

PROJECT TITLE

**RESIDENTIAL
DEVELOPMENT
04 FOUNTAIN STREET
OODBRIDGE, CT 06525**

**Prepared for:
FOUNTAIN RIDGE, LLC
8 HUNTINGTON STREET SUITE 171
SHELTON CT 06484**

SHEET TITLE

UTILITY PLAN

DESIGNED BY: MJS	SCALE: 1"=40'
DRAWN BY: MJS	DATE: 9-20-24
CHECKED BY: PR	PROJECT NUMBER: 2850
AD	
FILE: R:/2850/DWG/SITEPLAN	

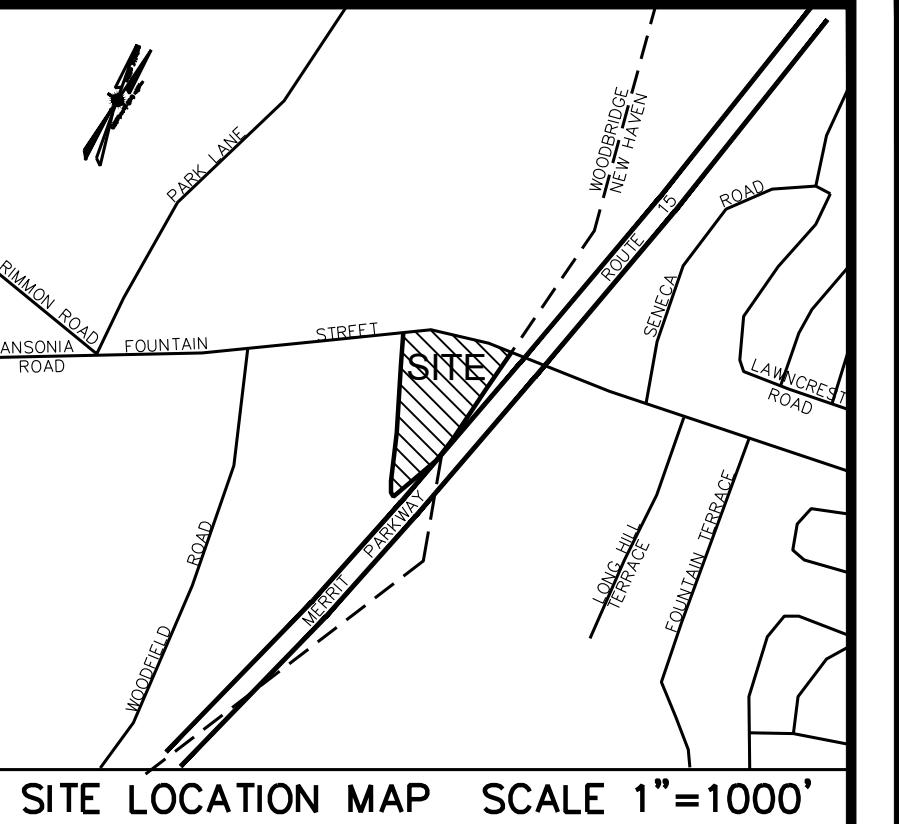
SEAL

SHEET NUMBER

SP-2A

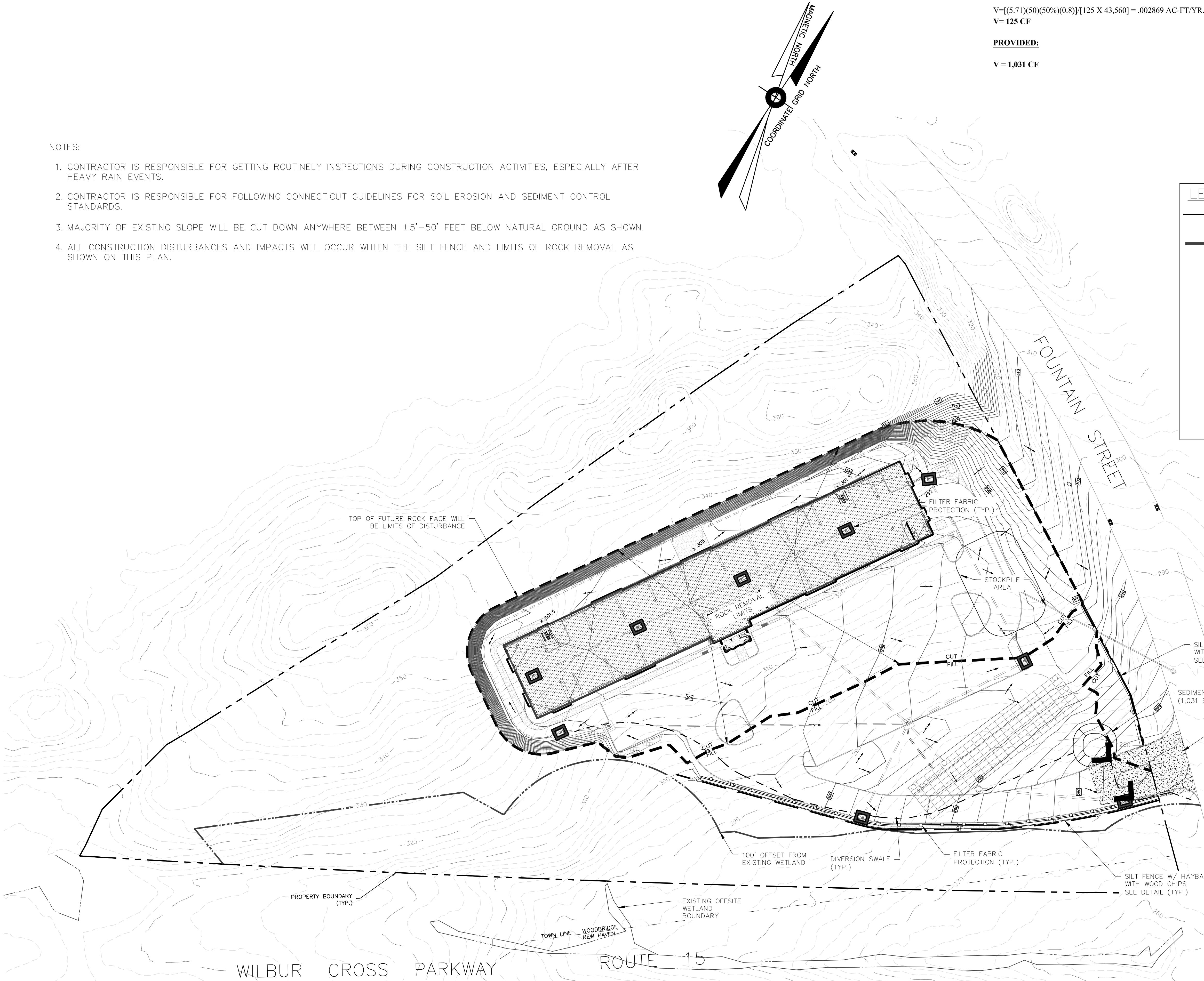
SEDIMENT STORAGE VOLUME
REQUIRED:
 $V = [(DA)(A)(DR)(TE)]/[GAMMA (43,560 SQ-FT/AC.)]$
 $V = [(5.71)(50)(50)(0.8)]/[125 \times 43,560] = .002869 \text{ AC-FT/YR.}$
 $V = 125 \text{ CF}$

PROVIDED:
 $V = 1,031 \text{ CF}$



NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR GETTING ROUTINELY INSPECTIONS DURING CONSTRUCTION ACTIVITIES, ESPECIALLY AFTER HEAVY RAIN EVENTS.
2. CONTRACTOR IS RESPONSIBLE FOR FOLLOWING CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL STANDARDS.
3. MAJORITY OF EXISTING SLOPE WILL BE CUT DOWN ANYWHERE BETWEEN $\pm 5'$ – $50'$ FEET BELOW NATURAL GROUND AS SHOWN.
4. ALL CONSTRUCTION DISTURBANCES AND IMPACTS WILL OCCUR WITHIN THE SILT FENCE AND LIMITS OF ROCK REMOVAL AS SHOWN ON THIS PLAN.



LEGEND

- PROPERTY LINES
- FILTER FABRIC FENCE
- FILTER FABRIC FENCE W/ HAY BALES
- DIVERSION SWALE
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- ANTI-TRACKING APRON
- SILTSACK @ CATCH BASINS
- SILTSACK @ MANHOLES
- STONE CHECKDAM
- PROPOSED WATER FLOW

REVISIONS		
NO.	BY	DATE
1	MMF	9-18-2024
2	PMR	11-20-2024
3	MJS	12-31-2024
4	SMM	03-2025
		DESIGN DEVELOPMENT
		UPDATE ZONING GRID
		ISSUED TO P&Z
		REVISED PER TOWN'S MEMO

PROJECT TITLE

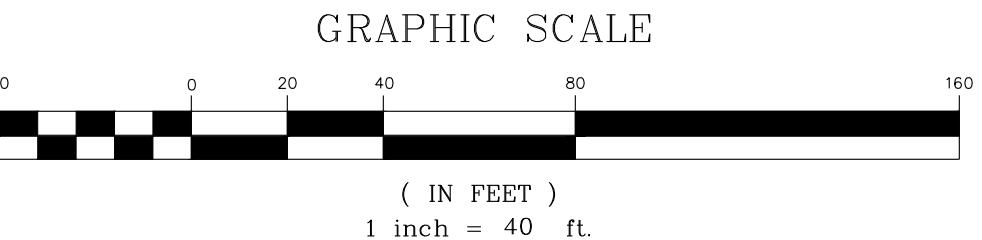
**RESIDENTIAL
DEVELOPMENT
804 FOUNTAIN STREET
WOODBRIDGE, CT 06525**

Prepared for:
FOUNTAIN RIDGE, LLC
8 HUNTINGTON STREET SUITE 171
SHELTON, CT 06484

**SOIL EROSION CONTROL
PLAN**

DESIGNED BY: MJS	SCALE: 1"=40'
DRAWN BY: MJS	DATE: 9-20-24
CHECKED BY: PR	PROJECT NUMBER: 2850
CAD FILE: R:/2850/DWG/SITEPLAN	

SEAL **SHEET NUMBER**
SP-3



SOIL EROSION AND SEDIMENT CONTROL GENERAL NOTES

SEDIMENT & EROSION CONTROL NARRATIVE

THE SEDIMENT AND EROSION CONTROL PLAN WAS DEVELOPED TO PROTECT THE EXISTING ROADWAY AND STORM DRAINAGE SYSTEMS, ADJACENT PROPERTIES, AND ANY ADJACENT WETLAND AREA AND WATERCOURSE FROM SEDIMENT LADEN SURFACE RUNOFF AND EROSION, ESPECIALLY THE SOUTH PROPERTY LINE WHERE THERE ARE STEEP SLOPES AND WETLANDS ON THE ADJACENT PROPERTY. PARTICULAR ATTENTION SHOULD BE PAID TO THE REINFORCED SILT FENCE LINE, THE SEDIMENTATION BARRIER, AND AREA WHERE THE REINFORCED SILT FENCE LINE IS LOCATED. THE PROJECT CONSISTS OF THE CONSTRUCTION OF A LOW RISE APARTMENT BUILDING WITH CITY WATER AND SEWER. THE PROPOSED AREA OF DISTURBANCE IS 1.46 AC.

CONSTRUCTION SCHEDULE

THE ANTICIPATED STARTING DATE FOR CONSTRUCTION IS WINTER 2024 WITH COMPLETION ANTICIPATED BY SUMMER 2026. APPROPRIATE EROSION CONTROL MEASURES AS DESCRIBED HEREIN, SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ALL SITE CLEARING OR CONSTRUCTION ACTIVITY. SCHEDULE WORK TO MINIMIZE THE TIME THAT BARE SOIL WILL BE EXPOSED.

CONTINGENCY EROSION PLAN

THE CONTRACTOR SHALL INSTALL ALL SPECIFIED EROSION CONTROL MEASURES, AND WILL BE REQUIRED TO MAINTAIN THEM IN THEIR INTENDED FUNCTIONING CONDITION. THE LAND USE AGENTS OF THE TOWN OF WOODBRIDGE AND PROJECT ENGINEER, SHALL HAVE THE AUTHORITY TO REQUIRE SUPPLEMENTAL MAINTENANCE OR ADDITIONAL MEASURES IF FIELD CONDITIONS ARE ENCOUNTERED BEYOND WHAT WOULD NORMALLY BE ANTICIPATED.

CONSTRUCTION SEQUENCE

A) CLEARING AND GRUBBING OPERATIONS:
1. ALL SEDIMENTATION AND EROSION CONTROL MEASURES, INCLUDING THE CONSTRUCTION OF TEMPORARY SEDIMENTATION TRAPS AND STONE CONSTRUCTION ENTRANCE AND TRACKING PADS SHALL BE INSTALLED PRIOR TO THE START OF CLEARING AND GRUBBING OPERATIONS.
2. FOLLOWING INSTALLATION OF ALL SEDIMENTATION AND EROSION CONTROL MEASURES, THE CONTRACTOR SHALL NOT PROCEED WITH GRADING, FILLING OR OTHER CONSTRUCTION OPERATIONS UNTIL THE ENGINEER HAS INSPECTED AND APPROVED ALL INSTALLATIONS.
3. THE CONTRACTOR SHALL TAKE EXTREME CARE DURING CLEARING AND GRUBBING OPERATIONS SO AS NOT TO DISTURB UNPROTECTED WETLAND AREAS OR SEDIMENTATION AND EROSION CONTROL DEVICES.
4. FOLLOWING THE COMPLETION OF CLEARING AND GRUBBING OPERATIONS, ALL AREAS SHALL BE STABILIZED WITH TOPSOIL AND SEEDING OR PROCESSED AGGREGATE SOIL AS SOON AS PRACTICAL.
5. ALL REMOVED INVASIVE PLANT SPECIES MATERIAL SHALL BE FULLY REMOVED FROM THE SITE AND TAKEN TO AN APPROVED AND/OR ACCEPTABLE DISPOSAL LOCATION.

B) ROUGH GRADING OPERATIONS:
1. DURING THE REMOVAL AND/OR PLACEMENT OF EARTH AS INDICATED ON THE GRADING PLAN, TOPSOIL SHALL BE STRIPPED AND APPROPRIATELY STOCKPILED FOR REUSE.
2. ALL STOCKPILED TOPSOIL SHALL BE SEEDED, MULCHED WITH HAY, AND ENCLOSED BY A SILTATION FENCE.

C) FILLING OPERATIONS:
1. PRIOR TO FILLING, ALL SEDIMENTATION AND EROSION CONTROL DEVICES SHALL BE PROPERLY IMPLEMENTED, MAINTAINED AND FULLY INSTALLED, AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THIS PLAN.
2. ALL GRADED AREAS, ADJACENT TO UNPROTECTED WETLAND AREAS, IF APPLICABLE TO THIS PROJECT, SHALL BE GOOD QUALITY, WITH LESS THAN 5% FINES PASSING THROUGH A #200 SIZE (GARDEN RUM) SHALL BE PLACED IN LIFT THICKNESS NOT GREATER THAN THAT SPECIFIED IN PROJECT SPECIFICATIONS. LIFTS SHALL BE COMPACTED TO 95% MAX. DRY DENSITY MODIFIED PROCTOR.
3. AS GENERAL GRADING OPERATIONS PROGRESS, ANY TEMPORARY DIVERSION DITCHES SHALL BE RAISED OR LOWERED, AS NECESSARY, TO DIVERT SURFACE RUNOFF TO THE SEDIMENT TRAPS.

D) PLACEMENT OF DRAINAGE STRUCTURES, UTILITIES, AND ROADWAY CONSTRUCTION OPERATIONS:
1. SILT FENCES SHALL BE INSTALLED ON THE DOWNSHILL SIDES OF TEMPORARY SEDIMENT TRAP SLOPES, MUD PUMP DISCHARGES, AND UTILITY TRENCH MATERIAL STOCKPILES. HAY BALES MAY BE USED IF SHOWN ON THE EROSION CONTROL PLANS OR IF DIRECTED BY THE PROJECT ENGINEER.

E) FINAL GRADING AND PAVING OPERATIONS:
1. ALL INLET AND OUTLET PROTECTION SHALL BE PLACED AND MAINTAINED AS SHOWN ON EROSION CONTROL PLANS AND DETAILS, AND AS DESCRIBED IN SPECIFICATIONS AND DETAILS SHOWN HEREIN.
2. NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY ROCK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS, JUTE MESH AND ALUM. ALL SLOPES SHALL BE SEEDED, AND ANY ROAD OR DRIVEWAY SHOULDER AND BANKS SHALL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS ESTABLISHED.
3. PAVEMENT SUB-BASE AND BASE COURSES SHALL BE INSTALLED OVER AREAS TO BE PAVED AS SOON AS FINAL SUB-GRADES ARE ESTABLISHED AND UNDERGROUND UTILITIES AND DRAINAGE SYSTEMS HAVE BEEN INSTALLED.
4. AFTER COMPLETION OF PAVEMENT, PAVING, FINISHING, MULCH AND LANDSCAPING, REMOVE ALL TEMPORARY EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE BEEN PAVED AND/OR GRASS HAS BEEN WELL ESTABLISHED AND THE SITE HAS BEEN INSPECTED AND APPROVED BY THE TOWN OF WOODBRIDGE, EASTERN CONNECTICUT SOILS CONSERVATION DISTRICT, TOWN OF WOODBRIDGE INLAND WETLANDS COMMISSION.

INSTALLATION OF SEDIMENTATION AND EROSION CONTROL MEASURES

I. SILTATION FENCE INSTALLATION:
A. DIG A SIX INCH TRENCH ON THE UPHILL SIDE OF THE DESIGNATED FENCE LINE LOCATION.
B. POSITION THE POST AT THE BACK OF THE TRENCH (DOWNSHILL SIDE), AND HAMMER THE POST AT LEAST 1.5 FEET INTO THE GROUND.
C. LAY THE BOTTOM SIX INCHES OF THE FABRIC INTO THE TRENCH TO PREVENT UNDERMINING BY STORM WATER RUN-OFF.
D. BACKFILL THE TRENCH AND COMPACT.
II. HAY BALES:
A. BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE, ORIENTED PARALLEL TO THE CONTOUR, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER.
B. BALES SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED THE WIDTH OF A BALE AND THE LENGTH OF THE PROPOSED BARRIER TO A MINIMUM DEPTH OF FOUR INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AGAINST THE BARRIER.
C. EACH BALE SHALL BE SECURELY ANCHORED BY AT LEAST TWO (2) STAKES.
D. THE BALE SHALL BE ENTRENCHED SO AS TO PREVENT WATER LEAKAGE.
E. THE BARRIER SHALL BE EXTENDED TO SUCH A LENGTH THAT THE BOTTOMS OF THE ENT BALE ARE HIGHER IN ELEVATION THAN THE TOP OF THE LOWEST MIDDLE BALE, TO ENSURE THAT RUN-OFF WILL FLOW EITHER THROUGH OR OVER THE BARRIER, BUT NOT AROUND IT.

OPERATION AND MAINTENANCE OF SEDIMENTATION AND EROSION CONTROL MEASURES

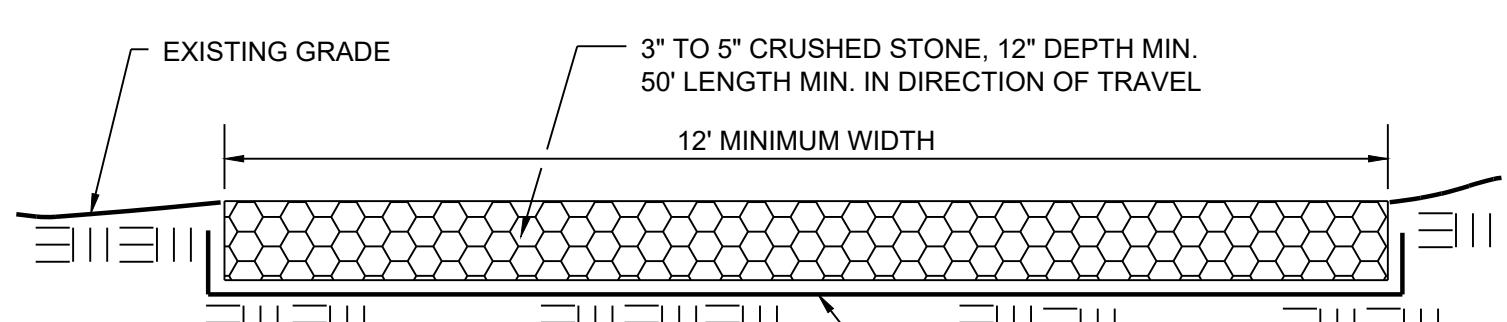
I. SILTATION FENCE:
A. ALL SILTATION FENCES SHALL BE INSPECTED AS A MINIMUM WEEKLY OR AFTER EACH RAINFALL. ALL DETERIORATED FABRIC AND DAMAGED POSTS SHALL BE REPLACED AND RELOCATED OR REPOSITIONED IN ACCORDANCE WITH THIS PLAN.
B. SEDIMENT DEPOSITS SHALL BE REMOVED FROM BEHIND THE FENCE WHEN THEY EXCEED A HEIGHT OF ONE FOOT.
II. HAY BALES:
A. ALL HAY BALE RINGS SHALL BE INSPECTED FOLLOWING EACH RAINFALL. REPAIR OR REPLACEMENT SHALL BE PROMPTLY MADE AS NEEDED.
B. DEPOSITS SHALL BE REMOVED AND CLEANED-OUT IF ONE HALF OF THE ORIGINAL HEIGHT OF THE BALES BECOMES FILLED WITH SEDIMENT.

III. SEDIMENT TRAPS:
A. CONTRACTOR TO KEEP WEEKLY CHECKLIST LOGS FOR INSPECTIONS OF ALL SEDIMENT AND EROSION CONTROL DEVICES AND HAVE THEM READILY AVAILABLE ON-SITE AT ALL TIMES FOR INSPECTION BY CT DEEP, LOCAL AUTHORITIES OR ENGINEER.
B. ALL SEDIMENT TRAPS SHALL BE INSPECTED FOLLOWING EACH RAINFALL. REPAIR OF SLOPES SHALL BE PROMPTLY MADE AS NEEDED. EROSION CONTROL BLANKETS MAY BE USED FOLLOWING REPAIR OF SLOPE AS DIRECTED BY THE ENGINEER.
C. SEDIMENT DEPOSITS SHALL BE REMOVED FROM SEDIMENT TRAPS AND/OR SEDIMENT TRAPS WHEN THEY EXCEED A HEIGHT OF ONE FOOT UNLESS OTHERWISE INDICATED ON THE EROSION CONTROL PLANS AND TO BE AT A SPECIFIC ELEVATION PER CLEAN OUT MARKERS.
D. SEDIMENT SHALL BE DISPOSED OF ON-SITE OR AS DIRECTED BY THE ENGINEER AND LOCAL GOVERNING OFFICIALS. SEE SEDIMENT AND EROSION CONTROL NOTES HEREIN REGARDING DISPOSAL REQUIREMENTS FOR OFF SITE SPOIL DISPOSAL.

IV. CHECK DAMS:
A. ALL STONE CHECK DAMS SHALL BE INSPECTED FOLLOWING EACH RAINFALL. REPAIR OF STONE CHECK DAMS SHALL BE PROMPTLY MADE AND ACCUMULATED SEDIMENT REMOVED WHEN IT REACHES ONE HALF OF THE HEIGHT OF THE CHECK DAM.

V. TEMPORARY/PERMANENT DRAINAGE SWALES:
A. SWALES SHALL BE INSPECTED FOLLOWING EACH RAINFALL. REPAIR OF ANY WASHED OUT OR ERODED SLOPES SHALL BE MADE PROMPTLY AND THE AREA SHALL BE RESEEDED AS NECESSARY.
B. EROSION CONTROL BLANKETS MAY BE USED TO REPAIR ERODED SWALES AS DIRECTED BY THE ENGINEER OR TOWN AGENT.

EROSION AND SEDIMENT CONTROL PLAN
1. HAY BALE FILTERS OR SILTATION FENCE WILL BE INSTALLED AT ALL CULVERT OUTLETS IF CULVERT OUTLETS ARE APPLICABLE TO THIS PROJECT AND ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.
2. CULVERT DISCHARGE AREAS WILL BE PROTECTED WITH RIP RAP CHANNELS; ENERGY DISSIPATORS WILL BE INSTALLED AS SHOWN ON THESE PLANS AND AS NECESSARY.
3. CULVERT BASINS WILL BE PROTECTED WITH HAY BALE FILTERS, SILT SACKS, SILTATION FENCE, OR OTHER INLET PROTECTION DEVICES PER DETAILS, THROUGHOUT THE CONSTRUCTION PERIOD, AND UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL MANUAL, LATEST EDITION.
5. EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO CONSTRUCTION WHENEVER POSSIBLE.
6. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
7. ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF NECESSARY OR REQUIRED OR AS DIRECTED BY THE CIVIL ENGINEER OR BY LOCAL GOVERNING OFFICIALS.
8. SEDIMENT REMOVED FROM EROSION CONTROL STRUCTURES WILL BE DISPOSED IN A MANNER WHICH IS CONSISTENT WITH THE INTENT AND REQUIREMENTS OF THE EROSION CONTROL PLANS, NOTES, AND DETAILS.
9. THE OWNER IS ASSUMED 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.



ANTI-TRACKING APRON

N.T.S.

SEDIMENT AND EROSION CONTROL NOTES

1. THE OWNER IS RESPONSIBLE FOR IMPLEMENTING THIS SEDIMENT AND EROSION CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE PROPER INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON CONSTRUCTION ON THE SITE OF THE REQUIREMENTS AND OBJECTIVES OF THIS PLAN, INFORMING THE GOVERNING AUTHORITY OR INLAND WETLANDS AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY, AND FOR CONVEYING A COPY OF THE SEDIMENT & EROSION CONTROL PLAN TO THE TOWN OF WOODBRIDGE TO ENSURE IMPLEMENTATION OF THE EROSION CONTROL

MEASURES. THE OWNER SHALL BE RESPONSIBLE FOR THE POSTING OF THIS BOND AND FOR INQUIRIES TO THE TOWN OF WOODBRIDGE FOR INFORMATION ON THE METHODS AND TYPES OF EROSION CONTROL MEASURES.

3. VISUAL SITE INSPECTIONS SHALL BE CONDUCTED WEEKLY, AND AFTER EACH MEASURABLE PRECIPITATION EVENT OF 0.10 INCHES OR GREATER BY QUALIFIED PERSONNEL, TRAINED AND EXPERIENCED IN EROSION AND SEDIMENT CONTROL, TO ASCERTAIN THAT THE EROSION AND SEDIMENT CONTROL (E&S) BMPs ARE OPERATIONAL AND EFFECTIVE IN PREVENTING POLLUTION. A WRITTEN REPORT OF EACH INSPECTION SHALL BE KEPT, AND INCLUDE:

A) A SUMMARY OF THE SITE CONDITIONS, E&S BMPs, AND COMPLIANCE; AND

B) THE NAME, TITLE, AND NAME OF THE PERSON CONDUCTING THE INSPECTION.

4. THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, AND SHALL MAINTAIN A COPY OF THE CONTRACT DRAWINGS AND APPROVAL DOCUMENTS, AND AS DIRECTED BY THE TOWN OF WOODBRIDGE.

5. THE CONTRACTOR SHALL KEEP A COPY OF THE GUIDELINES ON-SITE FOR REFERENCE DURING CONSTRUCTION.

6. ADDITIONAL AND/OR ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE CONTRACTOR, OWNER, CIVIL ENGINEER, TOWN OF WOODBRIDGE, EASTERN CONNECTICUT SOILS CONSERVATION DISTRICT, TOWN OF WOODBRIDGE INLAND WETLANDS COMMISSION, OR GOVERNING AGENCIES. THE CONTRACTOR SHALL CONTACT THE OWNER AND APPROPRIATE GOVERNING AGENCIES FOR APPROVAL IF ALTERNATIVE CONTROLS OTHER THAN THOSE SHOWN ON THE PLANS ARE PROPOSED.

7. THE CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROLS BEFORE AND AFTER EACH STORM (0.10 INCHES OR GREATER RAINFALL), OR AT LEAST WEEKLY TO VERIFY THAT THE CONTROLS ARE OPERATING PROPERLY AND MAKE REPAIRS WHERE NECESSARY.

8. INSTALL PERIMETER SEDIMENT CONTROLS PRIOR TO CLEARING OR CONSTRUCTION. ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE, WHICH SHALL BE MARKED WITH SILT FENCE, SAFETY TENCE, HAY BALES, RIBBONS, OR OTHER MEANS PRIOR TO CLEARING. CONSTRUCTION ACTIVITY SHALL REMAIN ON THE CONSTRUCTION SITE UNTIL THE CONSTRUCTION IS COMPLETED.

9. STONE CONSTRUCTION ENTRANCE ANTI-TRACKING PADS SHALL BE INSTALLED AT START OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. THE LOCATION OF THE TRACKING PADS MAY CHANGE AS VARIOUS PHASES OF CONSTRUCTION ARE COMPLETED.

10. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR USE IN FINAL LANDSCAPING. ALL EARTH STOCKPILES SHALL HAVE HAY BALES OR SILT FENCE AROUND THE LIMIT OF PILE. PILES SHALL BE TEMPORARILY SEEDED IF PILE IS REMAIN IN PLACE FOR MORE THAN 7 DAYS.

11. SEDIMENTATION TRAPS SHALL PROVIDE 134 CUBIC YARDS OF SEDIMENT STORAGE PER DISTURBED ACRE CONTRIBUTING TO THE BASIN. PROVIDE BASIN VOLUMES FOR ALL DISTURBED SITES.

12. STONE CONSTRUCTION ENTRANCE ANTI-TRACKING PADS SHALL BE INSTALLED PRIOR TO ANY ON SITE EXCAVATION AND SHALL BE MAINTAINED DURING ALL EXCAVATION AND CONSTRUCTION ACTIVITIES.

13. MINIMIZE LAND DISTURBANCES. SEED AND MULCH DISTURBED AREAS WITH TEMPORARY MIX AS SOON AS PRACTICABLE (2 WEEK MAXIMUM UNSTABILIZED PERIOD) USING PERENNIAL RYERGRASS AT 40 LBS PER ACRE, WHICH AL CUT AND FILL SLOPES AND SWALES WITH LOOSE HAY AT A RATE OF 2 TONS PER ACRE, IF NECESSARY. USE HAY BALES, RIBBONS, OR OTHER MEANS TO STABILIZE SWALES. EROSION CONTROL BLANKETS OR JUTE CLOTH. MODERATELY GRADED AREAS, ISLANDS, AND TEMPORARY CONSTRUCTION STAGING AREAS MAY BE HYDROSEEDED WITH TACKER.

14. SILT FENCE AND OTHER SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH CONTRACT DRAWINGS AND MANUFACTURER'S RECOMMENDATIONS PRIOR TO WORK IN ANY UPLAND AREAS.

15. EXCAVATED MATERIAL FROM TEMPORARY SILT TRAPS MUST BE STOCKPILED ON UPHILL SIDE OF SILT FENCE. SILT FENCE SHALL BE MIRAFI EXPANSION JOINTS APPROVED AND APPROVED BY THE CIVIL ENGINEER. FILTER FABRIC USED SHALL BE MIRAFI 1001 OR EQUIVALENT. SEE SPECIFICATIONS FOR FURTHER INFORMATION.

16. INSTALL SILT FENCE ACCORDING TO MANUFACTURER'S INSTRUCTION, PARTICULARLY, BURY LOWER EDGE OF FABRIC INTO GROUND. SILT FENCE SHALL BE MIRAFI EXPANSION JOINTS APPROVED AND APPROVED BY THE CIVIL ENGINEER.

17. WHERE INDICATED ON EROSION CONTROL PLANS USE NEW HAY BALES AND REPLACE THEM WHENEVER THEIR CONDITION DETERIORATES BEYOND REASONABLE USABILITY. STAKE HAY BALES SECURELY INTO GROUND AND BUND TIGHTLY TOGETHER TO PREVENT UNDERCUTTING AND BYPASSING.

18. INSTALL TEMPORARY DIVERSION DITCHES, PLUNGE POOLS, SEDIMENT TRAPS, AND DEWATERING PITS AS SHOWN AND AS NECESSARY DURING VARIOUS PHASES OF CONSTRUCTION TO DIVERT RUN-OFF FROM UPHILL AREAS AS STABILIZED. LOCATION OF TEMPORARY SEDIMENT TRAPS WILL REQUIRE REVIEW AND APPROVAL BY THE CIVIL ENGINEER AND GOVERNING OFFICIAL.

19. DIRECT ALL DEWATERING PUMP DISCHARGE TO A SEDIMENT CONTROL DEVICE SUCH AS TEMPORARY PITS, SEDIMENT TRAPS OR GRASS FILTERS WITHIN THE APPROVED LIMIT OF DISTURBANCE. DISCHARGE TO STORM DRAINAGE SYSTEM OR SURFACE WATERS FROM SEDIMENT CONTROLS SHALL BE CLEAR.

20. BLOCK THE OPEN UPSTREAM ENDS OF DETENTION BASINS/SEDIMENTATION BASIN OUTLET ORIFICE UNTIL SITE IS STABILIZED. CONVERT TEMPORARY SEDIMENT TRAPS TO PERMANENT DETENTION BASINS. ONCE SITE HAS BEEN STABILIZED, CLEAN OUTLET CONTROL STRUCTURES AS NECESSARY AND REMOVE ACCUMULATED SEDIMENT FROM BOTTOM OF BASIN. BLOCK END OF STORM SEWERS IN EXPOSED TRENCHES WITH BOARDS AND SANDBAGS AT THE END OF EACH WORKING DAY. SANDBAGS ARE TO BE TIED TO THE OUTLET CONTROL STRUCTURE.

21. SWEEP AFFECTED PORTIONS OF OFF SITE ROADS ONE OR MORE TIMES A DAY (OR LESS FREQUENTLY IF TRACKING IS NOT A PROBLEM) DURING CONSTRUCTION. OTHER DUST CONTROL MEASURES TO BE USED AS NECESSARY INCLUDE WATERING DOWN DISTURBED AREAS, USING CALCIUM CHLORIDE, AND COVERING LOADS ON DUMP TRUCKS.

22. PERIODICALLY CHECK ACCUMULATED SEDIMENT LEVELS IN THE SEDIMENT TRAPS DURING CONSTRUCTION AND CLEAN ACCUMULATED SILT WHEN NECESSARY OR WHEN ONE OR MORE CONTAMINANTS ARE PRESENT. ACCUMULATED SEDIMENT FROM PATCH SWALE SUMPS AS NECESSARY AND AS DIRECTED BY THE CIVIL ENGINEER OR OWNER/CONSTRUCTION REPRESENTATIVE. REMOVE ACCUMULATED SEDIMENT FROM BEHIND HAY BALES AND SILT FENCE WHEN LEVEL REACHES HALF THE HEIGHT OF THE HAY BALE OR ONE FOOT AT SILT FENCE. DISPOSE OF SEDIMENT LEGALLY EITHER ON OR OFF SITE.

23. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.

24. ALL PUMPING OF SEDIMENT LADEN WATER SHALL BE THROUGH A SEDIMENT CONTROL BMP, SUCH AS A PUMPED WATER FILTER BAG OR EQUIVALENT.

25. ALL EXCAVATED MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF UTILITY AND STORM PIPE TRENCHES SO AS TO ALLOW THE TRENCH TO INTERCEPT ALL SILT LADEN RUNOFF.

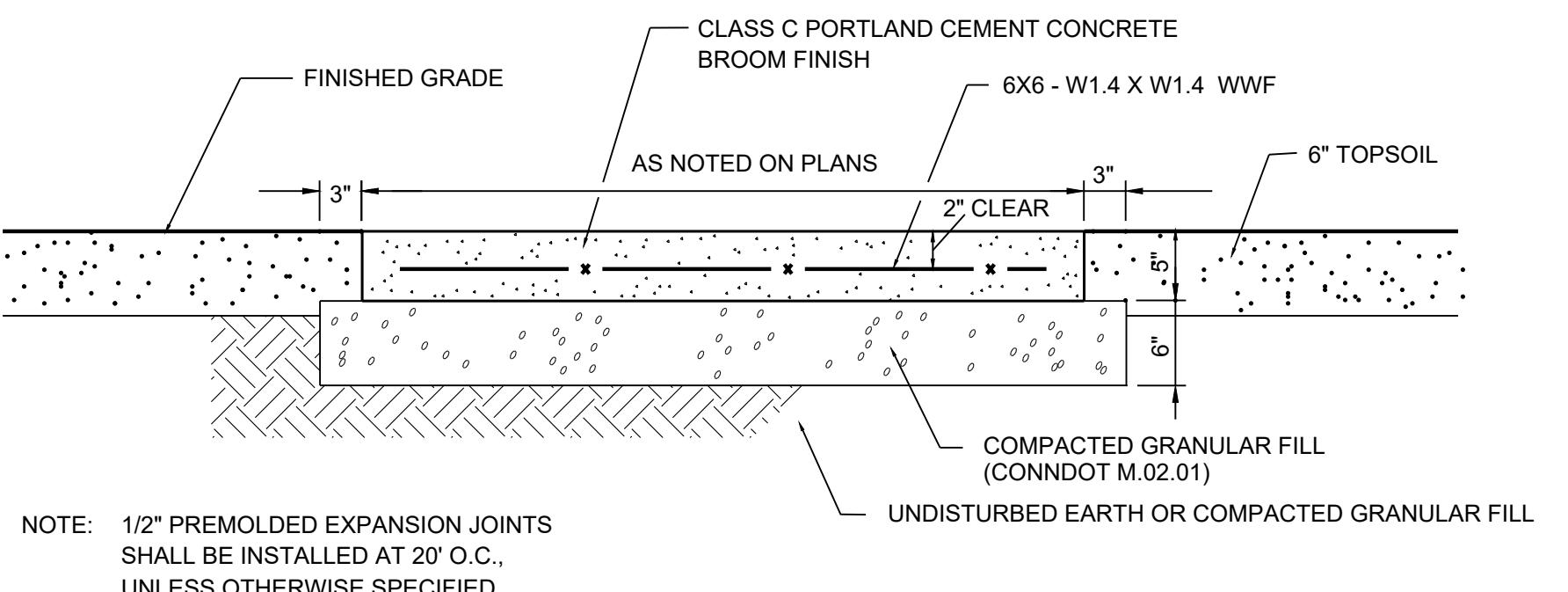
26. CONTRACTOR SHALL ONLY EXCAVATE AS MUCH UTILITY AND STORM PIPE TRENCH WORK AS CAN BE COMPLETED, BACKFILLED AND STABILIZED IN ONE DAY SO AS TO LIMIT THE AMOUNT OF OPEN DISTURBED TRENCHING.

27. MATERIAL HAUL ROADS BOTH INTO AND OUT OF THE SITE ARE TO BE SPRAYED AS NEEDED TO SUPPRESS DUST. TRUCKS HAULING IMPORT MATERIAL ARE TO BE TARPED TO AID IN THE CONTROL OF AIRBORNE DUST. DURING HIGH WIND EVENTS (20 TO 30 MPH SUSTAINED) CONSTRUCTION ACTIVITY SHALL BE LIMITED OR CEASED IF DUST CANNOT BE CONTROLLED BY WETTING.

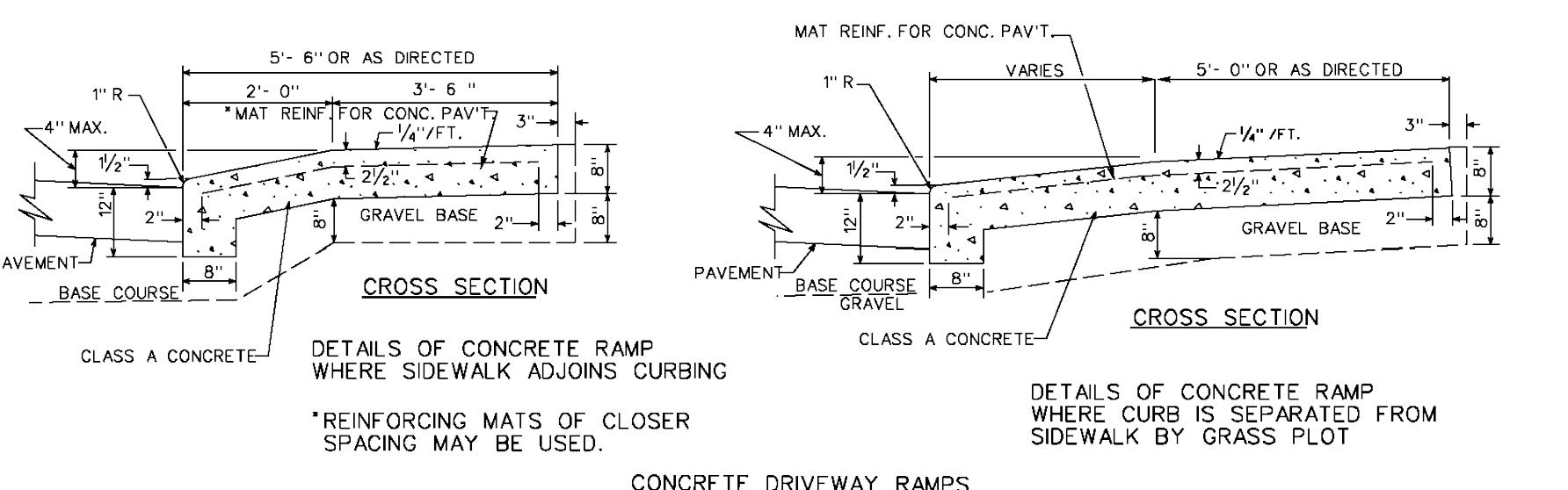
28. AN AREA SHALL BE CONSIDERED AS HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM OF 70% UNIFORM PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS.

29. MAINTAIN ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL DEVICES IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK SWEEP PARKING LOT AND REMOVE ALL TEMPORARY SEDIMENT CONTROLS WHEN AUTHORIZED BY LOCAL GOVERNING AUTHORITY. FILE NOT (NOTE OF TERMINATION) WITH GOVERNING AUTHORITY RESPONSIBLE FOR REGULATING STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES PER NPDES.

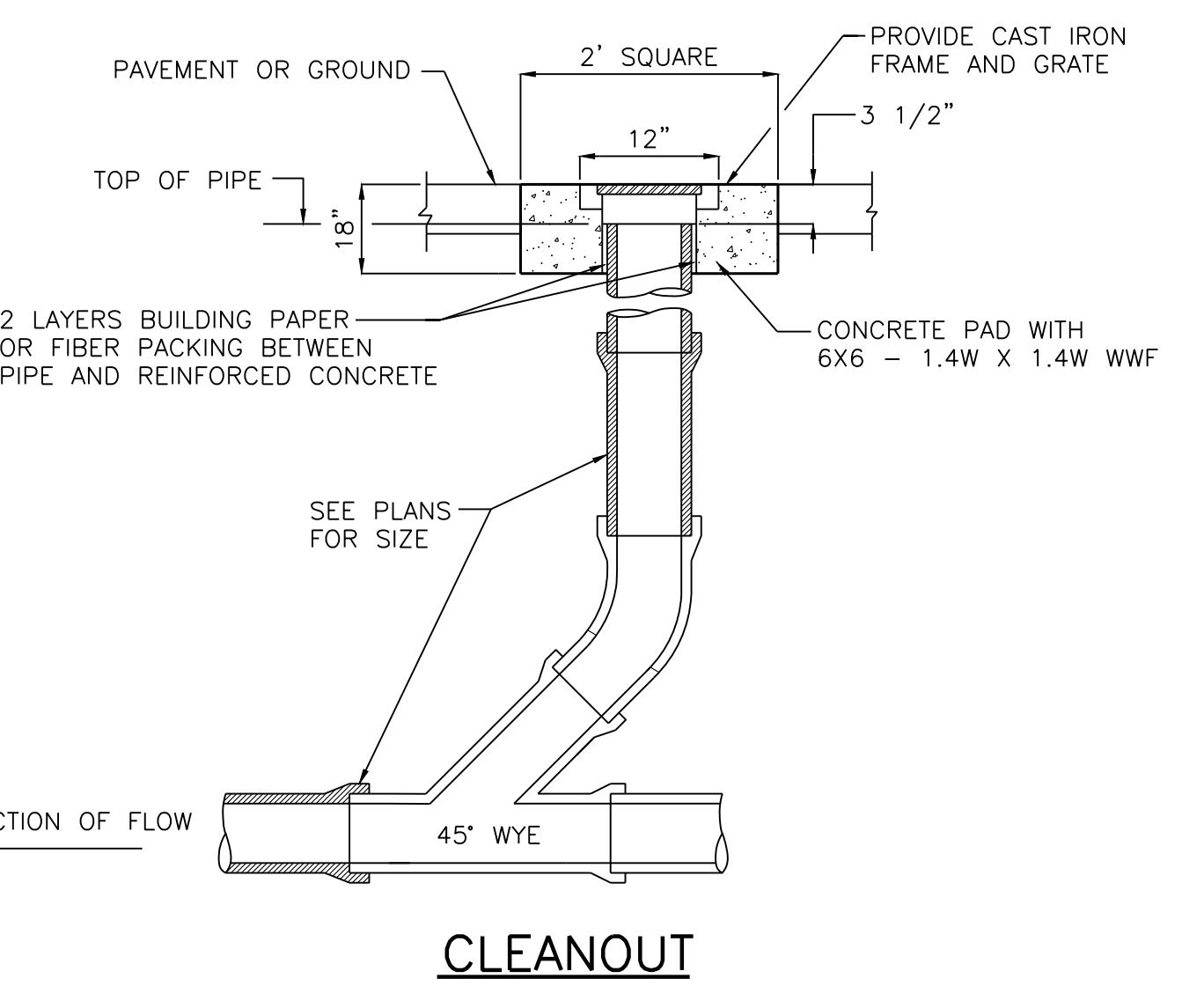
30. A MANDATORY SUBMISSION OF MONTHLY MONITORING REPORTS TO THE TOWN OF WOODBRIDGE INLAND WETLANDS AND PLANNING AND ZONING DEPARTMENTS OF ONGOING CONSTRUCTION AND E&S MAINTENANCE, INCLUDING IDENTIFICATION OF SITE CONDITIONS, CONTROL MAINTENANCE AND ANY ACTIONS TAKEN TO ADDRESS PERIODIC SITE STABILITY AND EROSION CONDITIONS.



CONCRETE WALK N.T.S.



CONCRETE DRIVEWAY RAMPS



CLEANOUT N.T.S.

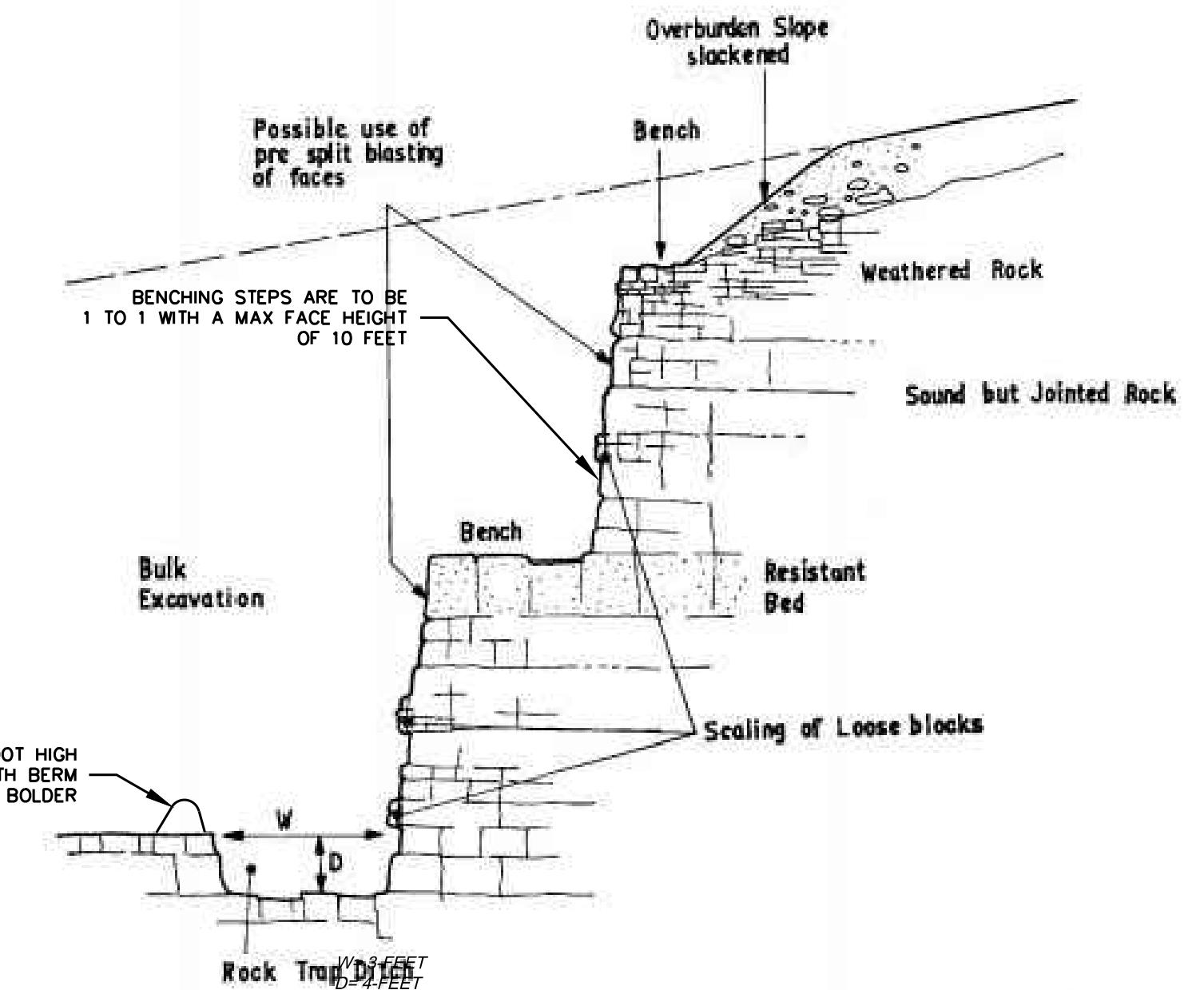
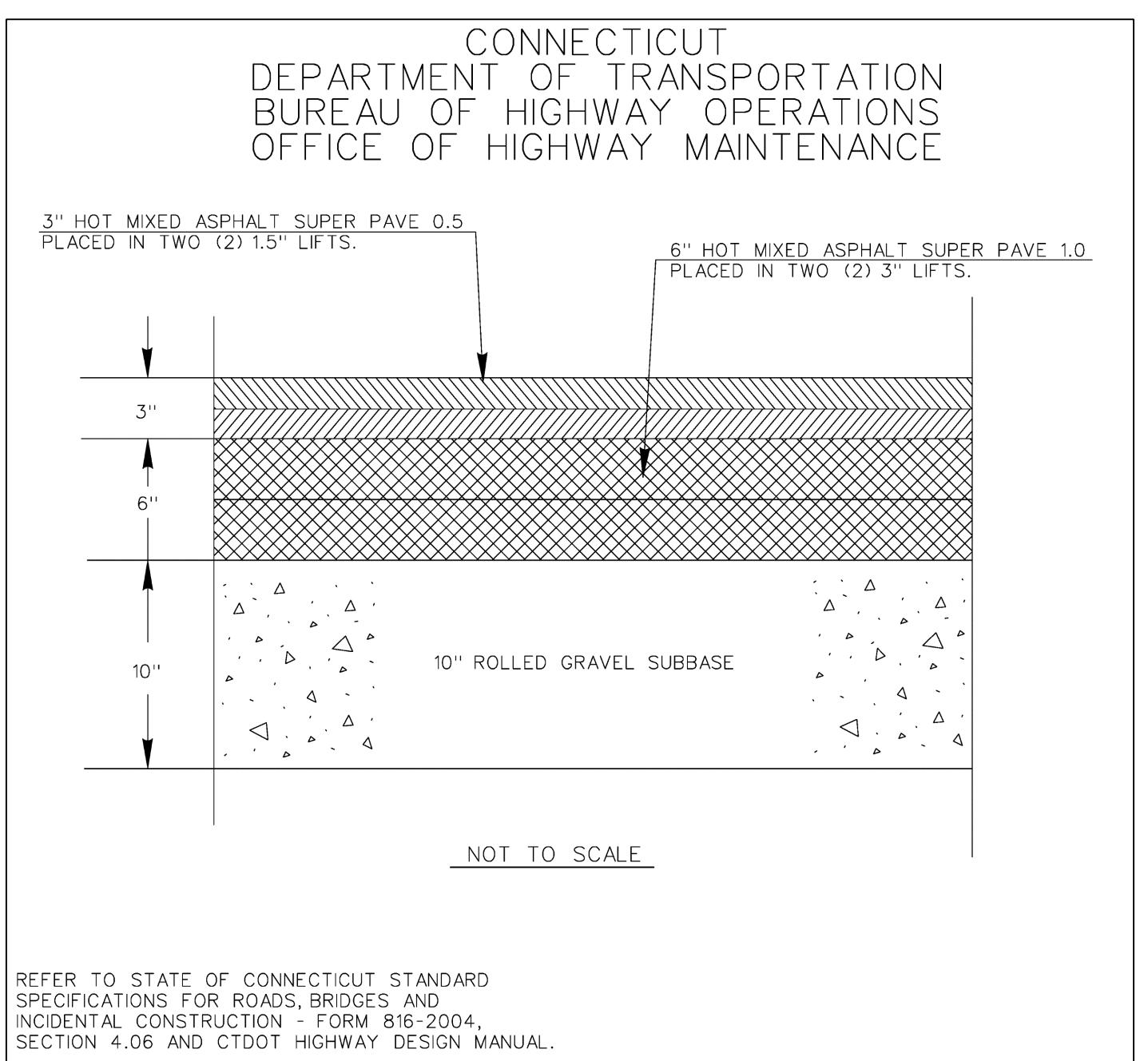


FIG. 2. Face treatment immediately following bulk excavation.

ROCK FACE STABILIZATION



CT DOT SUPER PAVE

CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD NOTES:

ALL WORK WITHIN THE STATE RIGHT-OF-WAY WILL COMPLY WITH FORM 817, THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION WITH THE LATEST SPECIAL PROVISIONS AND TYPICAL STATE STANDARD DETAILS. IN ANY CASE WHERE THE CONSTRUCTION IS NOT SPECIFICALLY DETAILED IN THE FORM 817, THE WORK WILL BE COMPLETED AS DIRECTED BY THE ENGINEER OR DISTRICT PERMIT SECTION REPRESENTATIVE.

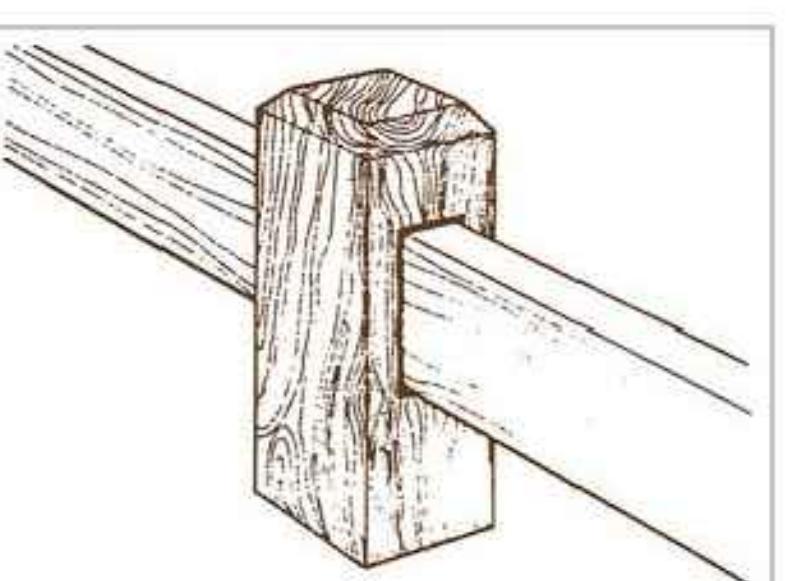
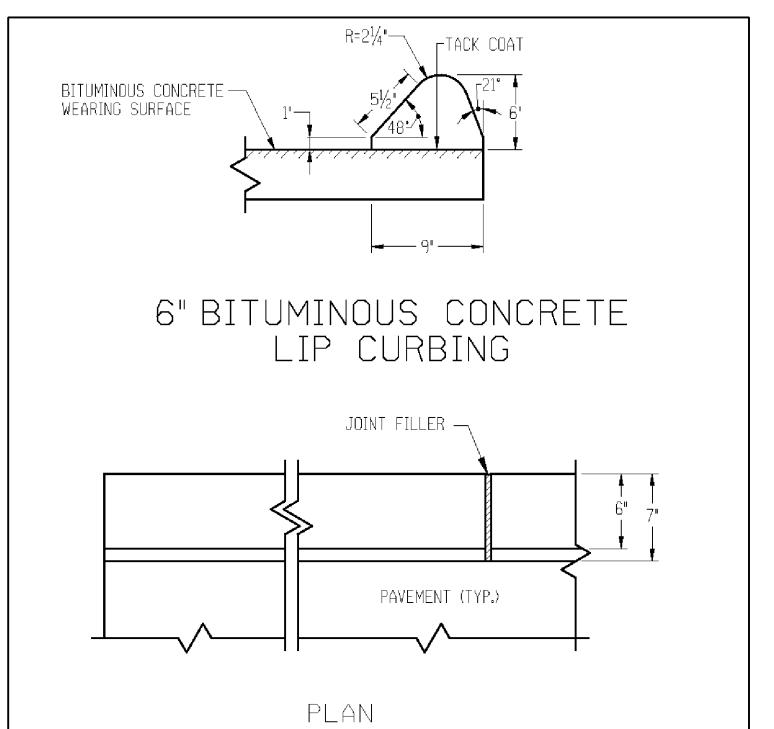
REMOVAL OF PAVEMENT MARKINGS ALONG STATE ROADWAYS SHALL BE COMPLETED BY A NON-DESTRUCTIVE METHOD IN COMPLIANCE WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGES, AND INCIDENTAL CONSTRUCTION FORM 817 SECTION 12.11 AS REVISED.

NEW PAVEMENT MARKINGS SHALL BE PAINTED WITH EPOXY RESIN PAINT IN COMPLIANCE WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION FORM 817 SECTION 12.10 AS REVISED.

NEW SIGN MATERIAL AND SHEETING SHALL BE MADE OF REFLECTIVE MATERIAL IN COMPLIANCE WITH STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION FORM 817 SECTION 12.08 AS REVISED. TYPE 1 REFLECTIVE SHEETING SHALL BE USED FOR SIGNS WITH WHITE BACKGROUND, TYPE 3 REFLECTIVE SHEETING SHALL BE USED FOR SIGNS WITH COLORED BACKGROUND EXCEPT FOR SIGNS WITH RED BACKGROUND THAT SHALL BE TYPE 8 OR 9 REFLECTIVE SHEETING.

ALL SIGNS AND PAVEMENT MARKINGS INSTALLED WITHIN THE STATE RIGHT OF WAY MUST CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE LATEST STATE OF CONNECTICUT CATALOG OF SIGNS AS REVISED.

ANY DAMAGE TO THE EXISTING CURB, SIDEWALK OR ANY OTHER HIGHWAY APPURTENANCES DURING THE DEVELOPMENT OF THE PERMITTED SITE WILL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE DISTRICT 3 PERMIT SECTION AT NO COST TO THE STATE.



Wood Guide Rail - Mortise Style

Wood Guard Rail Posts are 10" x 10" x 54" Southern Yellow Pine .40 CCA Treated.
Rails are 4" x 8" x 10' Southern Yellow Pine .40 CCA Treated.

GUIDE RAIL

SCALE 1/2"=1'-0"

REVISIONS		
NO.	BY	DATE
1	MMF	9-18-2024
2	PMR	11-20-2024
3	MJS	12-31-2024
4	SMM	03-2025
		DESIGN DEVELOPMENT
		UPDATE ZONING GRID
		ISSUED TO P&Z
		REVISED PER TOWN'S MEMO

PROJECT TITLE

RESIDENTIAL DEVELOPMENT 804 FOUNTAIN STREET WOODBRIDGE, CT 06525

Prepared for:
FOUNTAIN RIDGE, LLC
8 HUNTINGTON STREET SUITE 171
SHELTON, CT 06484

SHEET TITLE	DETAILS

DESIGNED BY: MJS	SCALE: 1"=40'
DRAWN BY: MJS	DATE: 9-20-24
CHECKED BY: PR	PROJECT NUMBER: 2850
CAD FILE: R:/2850/DWG/SITEPLAN	

SEAL	SHEET NUMBER
	SP-6



D-Series Size 1 LED Area Luminaire



PREMIUM FRESHMET

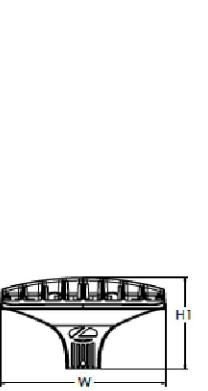
Catalog Number	
Notes	
Type	

Introduction

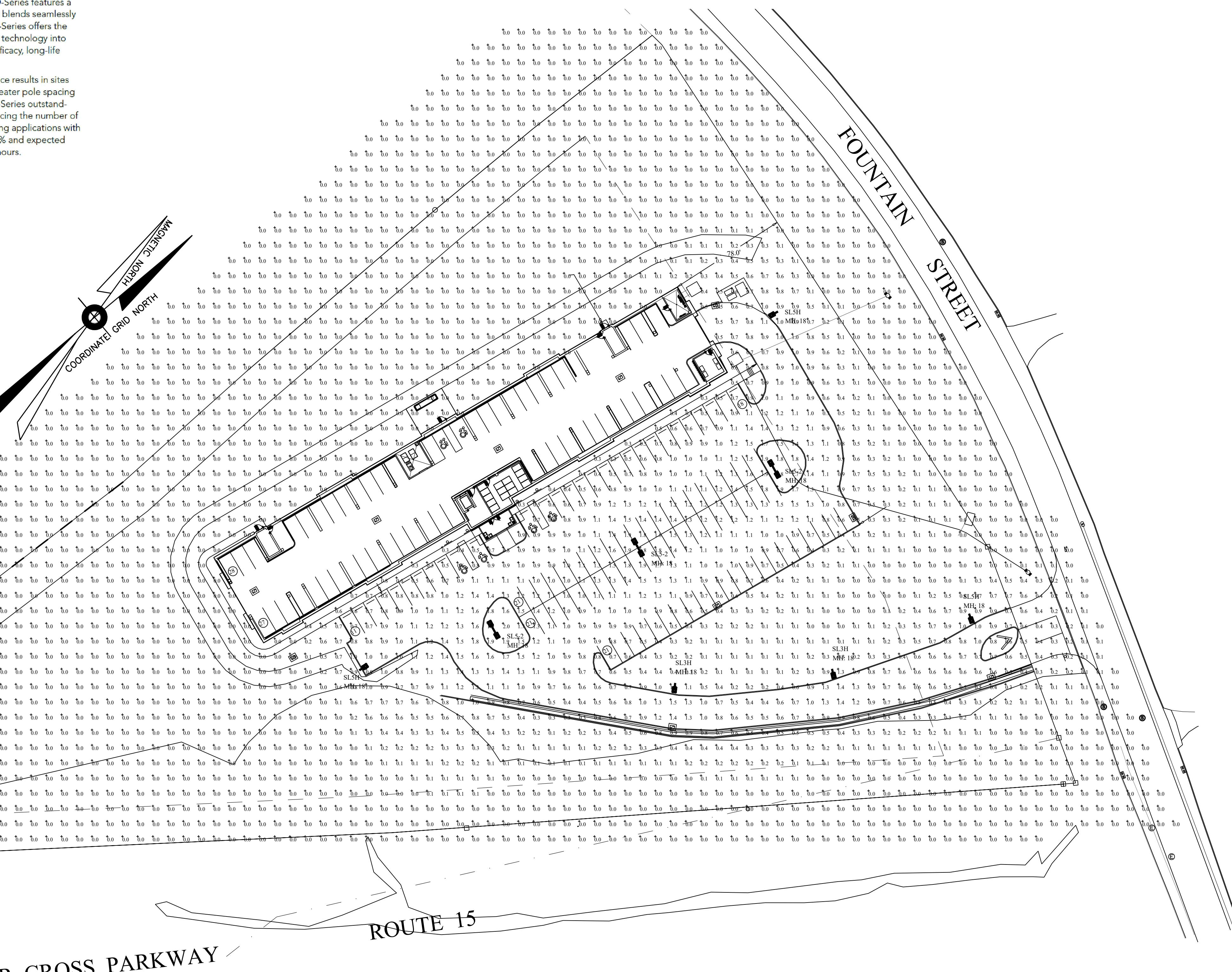
The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Specifications	
EPA:	0.69 ft ² (0.06 m ²)
Length:	32.71 " (83.1 cm)
Width:	14.26 " (36.2 cm)
Height H1:	7.88 " (20.0 cm)
Height H2:	2.73 " (6.9 cm)
Weight:	34 lbs (15.4 kg)



LIGHT POLE DETAIL



WILBUR CROSS PARKWAY /

Filename: 804 Fountain Road - Site Lighting - Woodbridge - REV.2 AGI

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Luminaire Lumens	Luminaire Watts	LLF	BUG Rating	Mounting Height	Description
	2	SL3H	Single	4666	45.14	0.900	B1-U0-G2	18	Lithonia DSX0 LED P2 30K 80CRI T3M MVOLT SPA PIR HS DBLXD - SSS 164C DM19AS DBLXD 16FT POLE on 2FT BASE
	3	SL5-2	Back-Back	8128	68.95	0.900	B4-U0-G2	18	Lithonia DSX0 LED P2 30K 80CRI T5W MVOLT SPA PIR DBLXD - SSS 164C DM28AS DBLXD 16FT POLE on 2FT BASE
	3	SL5H	Single	5521	68.95	0.900	B2-U0-G2	18	Lithonia DSX0 LED P3 30K 80CRI T5W MVOLT SPA PIR HS DBLXD - SSS 164C DM19AS DBLXD 16FT POLE on 2FT BASE

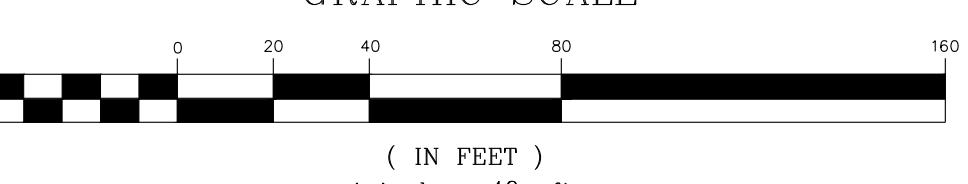
Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	
SITE	Illuminance	Fc	0.22	2.0	0.0	N.A.	N.A.	
ENTRY DRIVEWAY	Illuminance	Fc	0.71	1.5	0.2	3.55	7.50	
PARKING	Illuminance	Fc	1.06	2.0	0.4	2.65	5.00	

Greg Loda / Jim Zemola
Lighting Affiliates
1208 Cromwell Ave
Rocky Hill, CT 06067

Website : www.lightingaffiliates.com
Voice Number : (860) 721-1171 x 219
Email : gloda@lightingaffiliates.com

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Voice Number : (860) 721-1171 x 219
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GRAPHIC SCALE



DESIGNED BY: MJS	SCALE: 1"=40'
DRAWN BY: MJS	DATE: 9-20-24
CHECKED BY: PR	PROJECT NUMBER: 2850
CAD	

The image is a composite of two parts. On the left, there is a circular Connecticut Professional Engineer seal. The outer ring of the seal contains the text 'STATE OF CONNECTICUT' at the top and 'PROFESSIONAL ENGINEER' at the bottom. Inside the ring, there is a central emblem featuring a shield with a bridge, a river, and a factory, surrounded by a laurel wreath. Below the emblem, the text 'MANUEL JOSE SILVA' is written, followed by a signature that appears to read 'J. Jose L. Silva'. At the bottom of the seal, the text 'NO. 24929' is visible. On the right side of the image, the text 'SP-7' is displayed in a large, bold, black font.

PROPOSED PLANT SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	ROOT SIZE
TREES				
AS	3	ACER RUBRUM	RED MAPLE	B&B 3"-3 1/2" CAL
LT	5	LIRIODENDRON TULIPIFERA	TULIP TREE	B&B 2"-3" CAL
QB	8	QUERCUS BICOLOR	SWAMP WHITE OAK	B&B 10'-12' HT
PP	10	PIECA PUNGES	COLORADO BLUE SPRUCE	B&B 10'-12' HT
UNDERSTORY TREES				
QP	8	QUERCUS PALUSTRIS	PIN OAK	CONT 2"-3" CAL
FN	5	FRAXINUS NEGRA	BLACK ASH	CONT 2"-3" CAL
UPLAND SHRUBS & GRASSES				
IV	17	ILEX VERTICILLATA	WINTERBERRY	CONT 24"-30" HT
CO	5	CEPHALANTHUS OCCIDENTALIS	BUTTONBUSH	CONT 24"-36" HT
CA	29	CLETHRA ALNIFOLIA	SWEET PEPPERMINT	CONT 18"-24" HT
IG	13	ILEX GLABRA	INKBERRY	CONT 24"-30" HT
PV	29	PANICUM VIRGATUM	SWITCH GRASS	CONT 24"-30" HT
AC	18	ALLIUM CERNUM	NODDING WILD ONION	CONT 12"-18" HT
SEED MIXES				
NEW ENGLAND SEMI-SHADE GRASS AND FORBS MIX				
APPLICATION RATE PER MFG RECOMMENDATIONS				
NEW ENGLAND EROSION CONTROL/RESTORATION MIX				
APPLICATION RATE: 1 LB/2,500 S.F.				

PLANTING SOIL NOTES

- ALL PLANTING MIXES SHALL BE PREPARED PRIOR TO DELIVERY TO SITE.
- PLANTING MIX FOR TREES AND SHRUBS SHALL BE AS FOLLOWS:
 - 3 PARTS SCREED TOPSOIL
 - 1 PART CLEAN WASHED COARSE SAND
 - 1 PART PEAT HUMUS
 - 5 LBS. COMPOST PER CUBIC YARD OF MIX
- MYCORRHIZA INOCULANT TO BE MYCOR TREE SAVER
TRANSPLANT BY PLANT HEALTH CARE, INC. (1-800-421-9051) OR APPROVED EQUAL
- SEED MIXES AVAILABLE FROM PLANT HEALTH CARE, INC. OR APPROVED EQUAL
- SUBMIT CERTIFICATION OF PLANTING MIX FOR TREES AND SHRUBS FROM SOIL DISTRIBUTOR.
- TOPSOIL MIX SHALL INCLUDE:
 - 3 PARTS SCREENED TOPSOIL
 - 1 PART SAND
 - 1 PART HUMUS
 - 5 LBS. COMPOST PER CU. YD. OF MIX
- TOPSOIL
 - A. PROVIDE A NATURAL, FERTILE, FRIABLE, NATURAL LOAM SUBSTRATE SOIL CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH OF UNIFORM COMPOSITION THROUGHOUT AND WITHOUT ADMIXTURES OF SUBSOIL, AND FREE OF STONES, LUMPS, PLANTS, ROOTS, STICKS OR OTHER EXTRANEous MATTER.
 - B. TOPSOIL SHALL CONTAIN NOT LESS THAN 4% NOR MORE THAN 20% ORGANIC MATTER AS DETERMINED BY THE WET COMBUSTION METHOD.

C. MECHANICAL ANALYSIS

SCREEN SIZE	% BY WEIGHT PASSING
1"	100
1/2"	95-100
1/4"	40-65
NO. 200	

D. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL TESTING AND ANALYSIS OF EXISTING AND IMPORTED SOILS. FURNISH A SOIL ANALYSIS MADE BY A QUALIFIED INDEPENDENT SOIL TESTING AGENCY STATING PERCENTAGES OF ORGANIC MATTER, INORGANIC MATTER (SILT, CLAY, AND SAND), DELETERIOUS MATERIAL, PH, AND MINERAL AND PLANT - NUTRIENT CONTENT OF TOPSOIL.

E. REPORT SUITABILITY OF TOPSOIL FOR LAWN AND SHRUB PLANTING GROWTH. RECOMMEND QUANTITIES OF NITROGEN, PHOSPHORUS, AND POTASH NUTRIENT AND ANY LIMESTONE, ALUMINUM SULFATE, OR OTHER SOIL AMENDMENTS TO BE ADDED TO PRODUCE A SATISFACTORY TOPSOIL.

F. LANDSCAPE DESIGNER IS RESPONSIBLE FOR ALL PLANTING OPERATIONS. CONTRACTOR SHALL NOT BE HELD LIABLE FOR PLANTING DAMAGE.

G. CONTRACTOR SHALL NOT BE HELD LIABLE FOR PLANTING DAMAGE.

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