

### **GENERAL DEMOLITION NOTES:**

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE LOCAL MUNICIPALITY OR IN THE ABSENCE THEREOF TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM 818 (LATEST EDITION).
- 2. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG (CBYD)" LOCATING SERVICE AT 1-(800)-922-4455 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE START OF CONSTRUCTION IN ORDER TO HAVE ALL UTILITIÉS LOCATED AND MARKED. CONTRACTOR SHALL HIRE A PRIVATE UTILITY LOCATING SERVICE (AT HIS OWN EXPENSE) TO VERIFY AND LOCATE ALL UTILITIES THAT CBYD DOES NOT LOCATE. ALL REFERENCES ON DRAWINGS TO "UTILITIES" INCLUDES ALL TYPES OF BUILDING AND SITE SERVICES AS WELL.
- 3. THE CONTRACTOR SHALL LOCATE ALL DRAINAGE INFRASTRUCTURE AND MAINTAIN ADEQUATE STORM DRAINAGE THROUGHOUT CONSTRUCTION.
- 4. THE CONTRACTOR SHALL MAINTAIN THE SAFETY AND PROTECTION OF BOTH PEDESTRIANS AND MOTORISTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO TAKE ALL NECESSARY PRECAUTIONARY AND PROTECTIVE MEASURES, INCLUDING, BUT NOT LIMITED TO, SIGNS, LIGHTS, BARRIERS, FENCING, AND TRAFFIC FLAGMEN.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS.
- 6. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL UTILITIES SERVICING THE EXISTING FACILITY THAT ARE TO REMAIN.
- 7. THE CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL EXCESS MATERIAL AND DEMOLITION DEBRIS WITHIN THE PROJECT LIMITS (UNLESS INDICATED TO REMAIN) AT NO ADDITIONAL COST TO OWNER.
- 8. THE LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND APPURTENANCES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE ENGINEER. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 9. THE PROPOSED LIMITS OF DEMOLITION SHOWN ARE APPROXIMATE AND MAY VARY BASED ON ACTUAL FIELD CONDITIONS AND CONTRACTOR'S METHODS OF DEMOLITION/CONSTRUCTION. CONTRACTOR SHALL DEMOLISH AND REMOVE ANY AND ALL ITEMS AS REQUIRED TO CONSTRUCT PROPOSED WORK AT NO ADDITIONAL
- 10. DEMOLITION AND ABANDONMENT OF EXISTING UTILITIES SHALL BE PERFORMED IN ACCORDANCE WITH RESPECTIVE UTILITY COMPANY'S REQUIREMENTS AND STANDARDS. CONTRACTOR SHALL COORDINATE DEMOLITION AND ABANDONMENT WITH UTILITY COMPANIES PRIOR TO START OF CONSTRUCTION. UTILITIES SHALL BE CAPPED AT PROPERTY LINES UNLESS OTHERWISE NOTED OR REQUIRED BY UTILITY
- 11. CONTRACTOR SHALL PROPERLY ABANDON OR DEMOLISH AND REMOVE ANY AND ALL UNEXPECTED UTILITIES DISCOVERED DURING CONSTRUCTION AT NO ADDITIONAL
- 12. EXCAVATION OPERATIONS SHALL BE EXECUTED CAREFULLY AT ALL LOCATIONS ADJACENT TO EXISTING UNDERGROUND UTILITIES AND VAULTS. PROTECTION OF EXISTING UTILITIES WITHIN THE WORK LIMIT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL WORK WILL BE COORDINATED WITH THE APPROPRIATE UTILITY
- 13. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR ORIGINAL CONDITION (OR BETTER) OR AS INDICATED ON THE CONTRACT DRAWINGS.
- 14. ANY DAMAGE TO EXISTING PAVEMENT, CURBS, SIDEWALKS, STRUCTURES OR ANY OTHER APPURTENANCES DURING CONSTRUCTION SHALL BE REPLACED (IN-KIND OR BETTER) BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE. SAW-CUT DAMAGED SECTIONS BACK TO THE NEAREST JOINT WHERE APPROPRIATE AND MATCH EXISTING MATERIALS, THICKNESSES, AND
- 15. CONTRACTOR SHALL SAW-CUT BITUMINOUS AND CONCRETE SURFACES AT LIMITS OF DEMOLITION AS REQUIRED SO AS TO ACHIEVE A SMOOTH TRANSITION BETWEEN EXISTING SURFACES (TO REMAIN) AND NEW SURFACES. APPLY/INSTALL TACK COATS AND EXPANSION JOINTS AS REQUIRED. ANY EXISTING SURFACES LOCATED DIRECTLY ADJACENT TO THE LIMIT OF DEMOLITION THAT ARE DAMAGED SHALL ALSO BE REPLACED AND INCLUDED IN THE WORK AT NO ADDITIONAL COST TO THE OWNER. THE INTENT IS TO AVOID LEAVING DAMAGED SURFACES LOCATED DIRECTLY ADJACENT TO NEWLY REPLACED WORK.
- 16. TREE REMOVAL INCLUDES REMOVAL OF TREE TRUNK, BRANCHES, LEAVES, AND STUMP. NO STUMPS, BRUSH, BUILDING DEBRIS, OR UNSUITABLE MATERIALS ARE TO BE BURIED ON SITE. REMOVE ALL TREES WITHIN PROJECT LIMITS UNLESS
- 17. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY 8 FT. HIGH CHAIN LINK FENCING. THE FENCING SHALL BE DESIGNED TO MAINTAIN SECURITY AND PROVIDE SAFETY FOR THE CONSTRUCTION SITE.
- 18. REFER TO OTHER DRAWINGS, DETAILS, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING DEMOLITION.

#### **GENERAL NOTES:**

- ALL WORK SHALL CONFORM TO THE TOWN OF SOUTH WINDSOR STANDARDS AND SPECIFICATIONS OR IN THE ABSENCE THEREOF TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM 818 (LATEST EDITION).
- 2. IF (IN THE OPINION OF THE ENGINEER) CONFLICTS OR DISCREPANCIES OCCUR BETWEEN DRAWINGS AND SPECIFICATIONS OR WITHIN EITHER DOCUMENT ITSELF IN DESCRIBING THE WORK; THE BETTER QUALITY, GREATER QUANTITY, OR MORE COSTLY OPTION FOR WORK WILL BE INCLUDED IN THE CONTRACTOR'S (ORIGINAL) CONTRACT PRICE. THIS WORK SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CLARIFYING ANY CONFLICTS OR DISCREPANCIES IN THE WORK PRIOR TO SUBMITTING THE CONTRACT PRICE. THE CONTRACTOR SHALL NOT PROCEED WITH SUCH WORK UNTIL THE ENGINEER HAS BEEN CONTACTED FOR CLARIFICATION AND PROPER DIRECTION.
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE CONDITIONS AND SHALL IMMEDIATELY REPORT ANY AND ALL DISCREPANCIES TO
- NO STUMPS, BRUSH, BUILDING DEBRIS, OR UNSUITABLE MATERIALS ARE TO BE BURIED ONSITE. CONTRACTOR IS RESPONSIBLE FOR ANY/ALL COSTS ASSOCIATED WITH REMOVING ALL MATERIALS OFFSITE AT NO ADDITIONAL COST TO THE OWNER.
- ALL UTILITY WORK TO BE DONE IN ACCORDANCE WITH THE RESPECTIVE UTILITY'S REQUIREMENTS AND STANDARDS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE UTILITY RELATED WORK WITH THE RESPECTIVE UTILITIES. ALL COSTS, INCLUDING PERMIT FEES, SHALL BE INCLUDED IN THE ALLOWANCE ITEMS PROVIDED FOR THE VARIOUS ITEMS OF WORK UNDER THIS CONTRACT.
- SOIL STOCKPILING IS NOT PERMITTED ONSITE (BENEDICT DRIVE, CLARK STREET, AND PLEASANT VALLEY ROAD).
- CONTRACTOR SHALL MAKE ALL REQUIRED FIELD MEASUREMENTS TO VERIFY EXISTING AND CONTRACT INTERFACE DIMENSIONS, LOCATIONS, AND OTHER CONDITIONS. DIMENSIONS SHALL BE VERIFIED PRIOR TO ORDERING ANY EQUIPMENT.
- 8. CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL MEASURES TO THE SATISFACTION OF THE OWNER AND ENGINEER.

#### **GRADING AND UTILITY NOTES:**

- THE CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING TREES WHERE POSSIBLE REFER TO "SOIL EROSION AND SEDIMENT CONTROL PLAN" FOR LIMIT OF DISTURBANCE AND NOTES.
- 2. ALL TOPSOIL SHALL BE STRIPPED FROM PROPOSED DISTURBED AREAS AND STOCKPILED FOR USE IN FINAL LANDSCAPING. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL AS APPROVED BY ENGINEER AT NO ADDITIONAL COST TO OWNER. ADDITIONAL (SCREENED) TOPSOIL REQUIRED FOR FINAL LANDSCAPING SHALL BE PROVIDED AT NO ADDITIONAL COST TO OWNER. FINAL TOPSOIL DEPTHS SHALL BE 6-INCHES FOR LAWN AREAS AND 9-INCHES FOR PLANT BEDS.
- THE CONTRACTOR SHALL COMPACT FILL UNDER ALL PAVEMENT AREAS TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557 (MODIFIED PROCTOR TEST), OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
- 4. MINIMUM GRADE IN PAVED AREAS AND SIDEWALKS IS 1% (TYPICALLY 2%).
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEMS CAPABLE OF SUPPORTING EXCAVATION SIDEWALLS AND OF RESISTING SOIL AND HYDROSTATIC PRESSURE AND SUPERIMPOSED AND CONSTRUCTION LOADS.
- MANHOLE RIMS, CATCH BASIN GRATES, VALVE COVERS, AND OTHER SIMILAR STRUCTURES SHALL BE SET TO ELEVATIONS SHOWN, AND SHALL BE ADJUSTED 1/4" BELOW GRADE WITHIN PAVED AREAS. ALL EXISTING MANHOLE RIMS, CATCH BASIN GRATES, VALVE COVERS, AND OTHER SIMILAR STRUCTURES SHALL BE RESET FLUSH WITH FINAL GRADES AS REQUIRED. ANY DAMAGED RIMS. TOPS. GRATES, AND VALVE COVERS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- 7. ALL EXISTING PAVEMENT WHERE UTILITIES ARE TO BE INSTALLED SHALL BE SAWCUT. AFTER UTILITY INSTALLATION IS COMPLETED, THE CONTRACTOR SHALL INSTALL TEMPORARY AND/OR PERMANENT PAVEMENT REPAIR AS DETAILED ON THE DRAWINGS OR AS REQUIRED.
- 8. INFORMATION ON EXISTING UTILITIES HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND MUNICIPAL RECORD MAPS AND FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF UTILITIES INCLUDING SERVICES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" LOCATING SERVICE AT 1-(800)-922-4455 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO CONSTRUCTION AND VERIFY UNDERGROUND AND OVERHEAD UTILITY LOCATIONS. CONTRACTOR SHALL HIRE A PRIVATE UTILITY LOCATING SERVICE (AT HIS OWN EXPENSE) TO VERIFY AND/OR LOCATE ANY/ALL UTILITIES THAT CBYD DOES NOT LOCATE. ANY/ALL REFERENCES ON DRAWINGS TO "UTILITIES" INCLUDES ANY/ALL TYPES OF BUILDING AND/OR SITE "SERVICES" AS WELL.
- 9. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ALL UTILITY COMPANIES PRIOR TO SUBMITTAL OF BID TO ENSURE THAT ALL UTILITY COMPANY'S (AND MUNICIPALITY'S) STANDARDS AND SPECIFICATIONS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET. CONTRACTOR SHALL PROVIDE AND INSTALL ANY/ALL ADDITIONAL APPURTENANCES REQUIRED BY UTILITY COMPANIES INCLUDING, BUT NOT LIMITED TO, METERS, METER PITS, VALVES, HAND HOLES,
- 10. UTILITY CONNECTION DESIGN AS REFLECTED ON THIS PLAN MAY CHANGE SUBJECT TO UTILITY COMPANY REQUIREMENTS.
- 11. ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION PRIOR TO APPROVAL FOR BACKFILL, IN ACCORDANCE WITH THE APPROPRIATE UTILITY COMPANY AND/OR CITY REQUIREMENTS.
- 12. CONTRACTOR SHALL PROVIDE CONCRETE ENCASEMENT OF PIPING AND UTILITIES WHERE SEPARATION DISTANCES BETWEEN PIPING AND/OR UTILITY CROSSINGS ARE 12" OR LESS. ADDITIONAL PROTECTION MEASURES MAY ALSO BE REQUIRED BY ENGINEER AND WILL BE PROVIDED BY CONTRACTOR AT NO ADDITIONAL COST TO
- 13. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES BY VARIOUS MEANS PRIOR TO BEGINNING ANY EXCAVATION. TEST PITS SHALL BE DUG AT ALL LOCATIONS WHERE SEWERS CROSS EXISTING UTILITIES. AND THE HORIZONTAL AND VERTICAL LOCATIONS OF THE UTILITIES SHALL BE DETERMINED. THE CONTRACTOR SHALL CONTACT THE SITE ENGINEER IN THE EVENT OF ANY UNFORESEEN CONFLICTS BETWEEN EXISTING AND PROPOSED UTILITIES SO THAT AN APPROPRIATE MODIFICATION MAY BE MADE.
- 14. SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH LOCAL SEWER DEPARTMENT AND WPCA STANDARDS.
- 15. EARTHEN SLOPES SHALL BE NO STEEPER THAN 2H:1V (3H:1V SLOPES MAX FOR LAWN AREAS). STEEPER SLOPES SHALL BE REINFORCED WITH RIPRAP AND MAY BE GRADED AT 1.5H:1V (MAX), UNLESS OTHERWISE DETAILED. THIS WORK SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- 16. IF GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL INSTALL TEMPORARY PUMPING SYSTEMS, UNDERDRAINS, CURTAIN DRAINS, AND/OR OTHER MEASURES AS REQUIRED OR AS REQUESTED BY ENGINEER IN ORDÉR TO PROVIDE DRY, STABLE SUBGRADES. THIS WORK SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- 17. CONTRACTOR SHALL RELOCATE, REMOVE, AND/OR OTHERWISE MODIFY ANY EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION AS REQUIRED TO AVOID CONFLICTS WITH THE PROPOSED WORK AS DIRECTED BY ENGINEER AT NO

ADDITIONAL COST TO OWNER.

- 18. CONTRACTOR SHALL FLUSH AND CLEANOUT ALL NEW AND EXISTING STORM SEWER SYSTEM (INCLUDING, BUT NOT LIMITED TO, CATCH BASINS, MANHOLES, AND STORMPIPING) LOCATED WITHIN PROJECT WORK AREA INCLUDING ANY STORM STRUCTURES & PIPING LOCATED DOWNSTREAM OF PROJECT WORK AREA TO ENSURE UNINHIBITED FLOW OF STORMWATER TO DISCHARGE POINT.
- 19. ANY AND ALL EXISTING SEWERS, DRAINS, AND/OR UTILITIES ENCOUNTERED OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED/RECONNECTED TO OPERATING SEWERS, DRAINS, AND/OR UTILITIES AS DIRECTED BY ENGINEER AT NO ADDITIONAL COST TO OWNER.
- 20. THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE OWNER AT THE END OF CONSTRUCTION.

### **LEGEND**

EXISTING		PROPOSED
650——	CONTOURS	650
671.5 ×	SPOT ELEVATION	291.5 ×
	PROPERTY LINE	
	STRUCTURE	
	EDGE OF PAVEMENT	
15" RCP STORM	STORM SEWER PIPE	24" RCP
8" SANITARY	SANITARY SEWER PIPE	8" PVC
\$0	MANHOLE	©SD
	CATCH BASIN	
	WATER	w
	GAS	G
SAN	SANITARY LATERAL	SAN
	ROOF DRAIN	RD
	STORM DRAIN	———DR———
©.	UTILITY POLE	<b>~</b>
OHW	OVERHEAD WIRE	
_ 0	GUIDERAIL	

## **ABBREVIATIONS**

APPROX	APPROXIMATE
BC	BOTTOM OF CURB ELEVATION
BF	BASEMENT FLOOR ELEVATION
BIT	BITUMINOUS CONCRETE
BM	BENCHMARK
CB	CATCH BASIN
CPP	CORRUGATED PLASTIC PIPE
CO	CLEAN OUT
CONC	CONCRETE
DR	DRAIN
ELEV	ELEVATION
EXIST	EXISTING
FE	FLARED END SECTION
FF	FIRST FLOOR ELEVATION
GF	GARAGE FLOOR ELEVATION
HCC	HANDICAP CURB CUT
HD	HEAVY DUTY
HH	HANDHOLE
HP	HIGH POINT
INV	INVERT
LP	LOW POINT
MAX	MAXIMUM
МН	MANHOLE
MIN	MINIMUM
MW	MONITORING WELL
NTS	NOT TO SCALE
oc	ON CENTER
PERF	PERFORATED
PVC	POLYVINYL CHLORIDE PIPE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
SCH	SCHEDULE
TC	TOP OF CURB ELEVATION
TD	TRENCH DRAIN
TF	TOP OF FRAME ELEVATION
TOC	TOP OF CONCRETE ELEVATIO
TYP	TYPICAL
VIF	VERIFY IN FIELD
W/	WITH
YD	YARD DRAIN





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TOWN OF SOUTH WINDSOR



BENEDICT DRIVE, CLARK STREET, AND PLEASANT VALLEY ROAD PUMP STATION COMPREHENSIVE UPGRADES

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SHEET TITLE

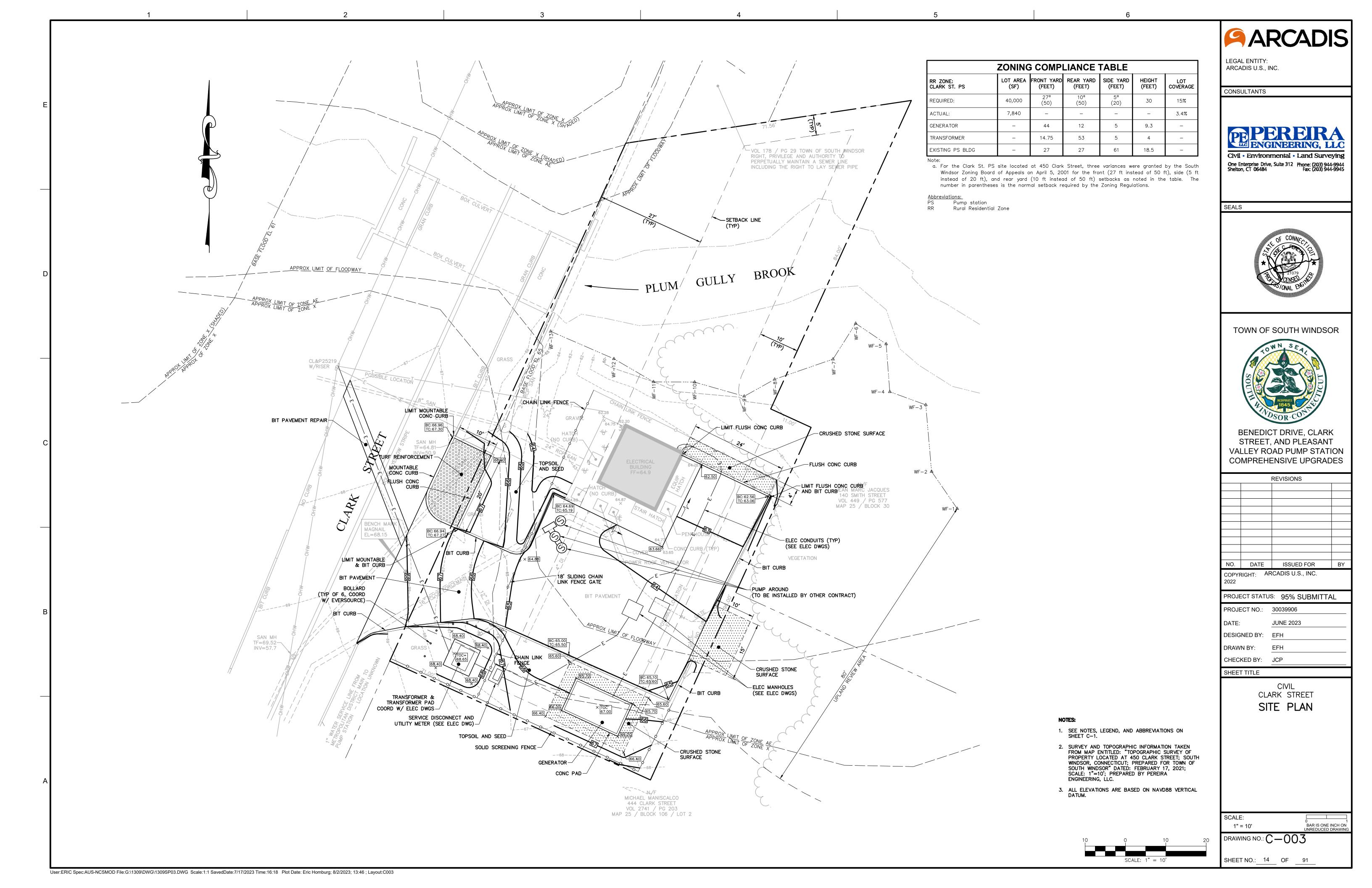
NOTES, LEGEND, AND **ABBREVIATIONS** 

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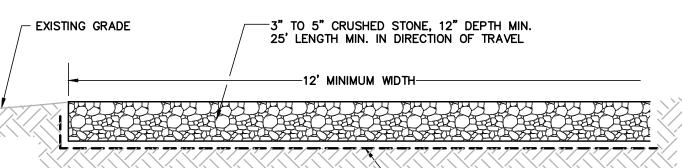


## SOIL EROSION AND SEDIMENT CONTROL NOTES:

- 1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CONNECTICUT "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (LATEST EDITION).
- 2. ALL LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM AND RESTABILIZATION OF ANY DISTURBED AREAS SHALL BE SCHEDULED AS SOON AS PRACTICAL.
- 3. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION WHENEVER POSSIBLE.
- 4. ALL CONTROL MEASURES SHALL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION
- 5. ADDITIONAL CONTROL MEASURES INCLUDING, BUT NOT LIMITED TO, SILT FENCES, HAYBALE FILTERS, CONSTRUCTION ENTRANCES, RIPRAP, AND EROSION CONTROL BLANKETS SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD AS NECESSARY OR REQUIRED BY ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
- 6. ALL CONTROL STRUCTURES SHALL BE INSPECTED AND CLEANED PERIODICALLY. ALL SEDIMENT REMOVED FROM CONTROL STRUCTURES SHALL BE DISPOSED OF IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF
- 7. IF DISTURBED AREAS CANNOT BE SEEDED IMMEDIATELY DUE TO TIME OF YEAR, THEN MULCH AREA UNTIL SEEDING CAN OCCUR. REMOVE MULCH AND SEED AND REMULCH WHEN SEASON PERMITS.
- 8. CATCH BASINS SHALL BE PROTECTED BY SILT SACK FILTERS AND AS SHOWN ON THE DRAWINGS THROUGHOUT THE CONSTRUCTION PERIOD UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED.
- HAYBALE FILTERS AND/OR SILT FENCES WILL BE INSTALLED AT ALL CULVERT OUTLETS AND ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.
- 10. STORMWATER DISCHARGE AREAS WILL BE PROTECTED WITH RIPRAP CHANNELS AND ENERGY DISSIPATORS AS REQUIRED AND/OR NECESSARY.
- 11. ALL DEWATERING PUMPING MUST HAVE SEDIMENT AND EROSION CONTROL PROVISIONS TO MAINTAIN CLEAR WATER DISCHARGE (NOT MUDDY). EACH DEWATERING PUMP SHALL DISCHARGE INTO THE EXISTING OR PROPOSED STORM DRAINAGE SYSTEM IN A MANNER THAT WILL NOT CAUSE EROSION, SEDIMENTATION. NUISANCE, OR SAFETY HAZARDS. EACH DEWATERING PUMP INTAKE SHALL BE PLACED IN A CLEAN, PERFORATED 55-GALLON DRUM, SURROUNDED BY AT LEAST 18 INCHES OF 3/4" CLEAN, CRUSHED STONE. THE ENTIRE SURFACE OF THE DRUM (SIDES, TOP, AND BOTTOM) SHALL BE PROTECTED FROM SILTY WATER ENTERING THE DRUM. IF NECESSARY, THE PUMP DISCHARGE SHALL PASS THROUGH A SETTLEMENT BASIN OF ADEQUATE SIZE TO FURTHER CLARIFY THE PUMP DISCHARGE PRIOR TO ENTERING THE STORM DRAINAGE SYSTEM. SUCH BASIN COULD BE MADE FROM AN EXCAVATED PIT OR BY USING A SEALED TRASH DUMPSTER. THE BASIN WOULD HAVE A PIPED OVERFLOW LEADING INTO THE STORM DRAINAGE SYSTEM, ALTERNATIVE METHODS MAY BE USED, SUCH AS WELL POINTS, OTHER TYPES OF PUMP INTAKE FILTERS, AND SETTLEMENT BASINS, IF APPROVED BY THE ENGINEER AND GOVERING AGENCIES. ALL PUMP DISCHARGE FROM DEWATERING SHALL BE CLEAR AT THE POINT WHERE IT FLOWS OFF THE PROPERTY.
- 12. THE CONTRACTOR SHALL KEEP ALL PUBLIC ROADWAYS CLEAN AND CLEAR OF ALL MUD DURING CONSTRUCTION AND SHALL IMPLEMENT WHATEVER MEASURES DIRECTED BY THE LOCAL AUTHORITY. SUCH MEASURES SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE CONSTRUCTION OF CONSTRUCTION ENTRANCES (ANTI-TRACKING PADS) 12" DEEP WHERE SHOWN ON PLAN OR AS DIRECTED BY THE LOCAL AUTHORITY.
- 13. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY/ALL PERMITS REQUIRED AS RELATED TO SOIL EROSION AND SEDIMENT CONTROL MEASURES INCLUDING, BUT NOT LIMITED TO, CT DEEP PERMITS.
- 14. THE CONTRACTOR IS DESIGNATED AS SITE MONITOR AND IS RESPONSIBLE 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 INLAND WETLANDS 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.

#### SOIL EROSION AND SEDIMENT CONTROL NARRATIVE:

- THE PROPOSED SITE IMPROVEMENTS INCLUDES THE REMOVAL AND REPLACEMENT OF VARIOUS STRUCTURES, COMPONENTS, AND APPURTENANCES ASSOCIATED WITH THE SANITARY PUMP STATION.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, A PRECONSTRUCTION MEETING IS TO BE HELD WITH THE DESIGN ENGINEER, OWNER, GENERAL CONTRACTOR, AND REPRESENTATIVES FROM THE TOWN OF SOUTH WINDSOR (INCLUDING THE TOWN ENGINEER, AND/OR ZONING ENFORCEMENT OFFICER).
- 3. CONSTRUCTION WILL BEGIN SHORTLY AFTER NECESSARY APPROVALS ARE OBTAINED. CONSTRUCTION IS ANTICIPATED TO BE COMPLETED WITHIN ONE YEAR FROM THE TIME OF COMMENCEMENT.
- MAINTENANCE OF THE EROSION CONTROLS SHALL CONSIST OF INSPECTION AT THE START OF EACH WORK DAY WITH SPECIAL ATTENTION AFFORDED FOLLOWING STORM EVENTS. NOTED DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY. BUILT UP SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL DEVICES AND DISPOSED OF IN A MANNER CONSISTENT WITH THIS PLAN. ADDITIONAL SEEDING OR MULCHING SHALL BE EMPLOYED AS REQUIRED. WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED OR HAVE TEMPORARILY BEEN SUSPENDED FOR MORE THAN SEVEN DAYS, OR WHEN FINAL GRADES ARE REACHED IN ANY PORTION OF THE SITE, STABILIZATION PRACTICES SHALL BE IMPLEMENTED WITHIN THREE DAYS. AREAS WHICH REMAIN DISTURBED BUT INACTIVE FOR AT LEAST THIRTY DAYS SHALL RECEIVE TEMPORARY SEEDING AND/OR MULCHING IN ACCORDANCE WITH THE SOIL EROSION GUIDELINES.



- FILTER FABRIC

THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC REPLACEMENT OF STONE AND/OR ADDITIONAL APRON LENGTH. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF WAY MUST BE REMOVED IMMEDIATELY.

CONSTRUCTION ENTRANCE CE

# SOIL EROSION AND SEDIMENT CONTROL LEGEND

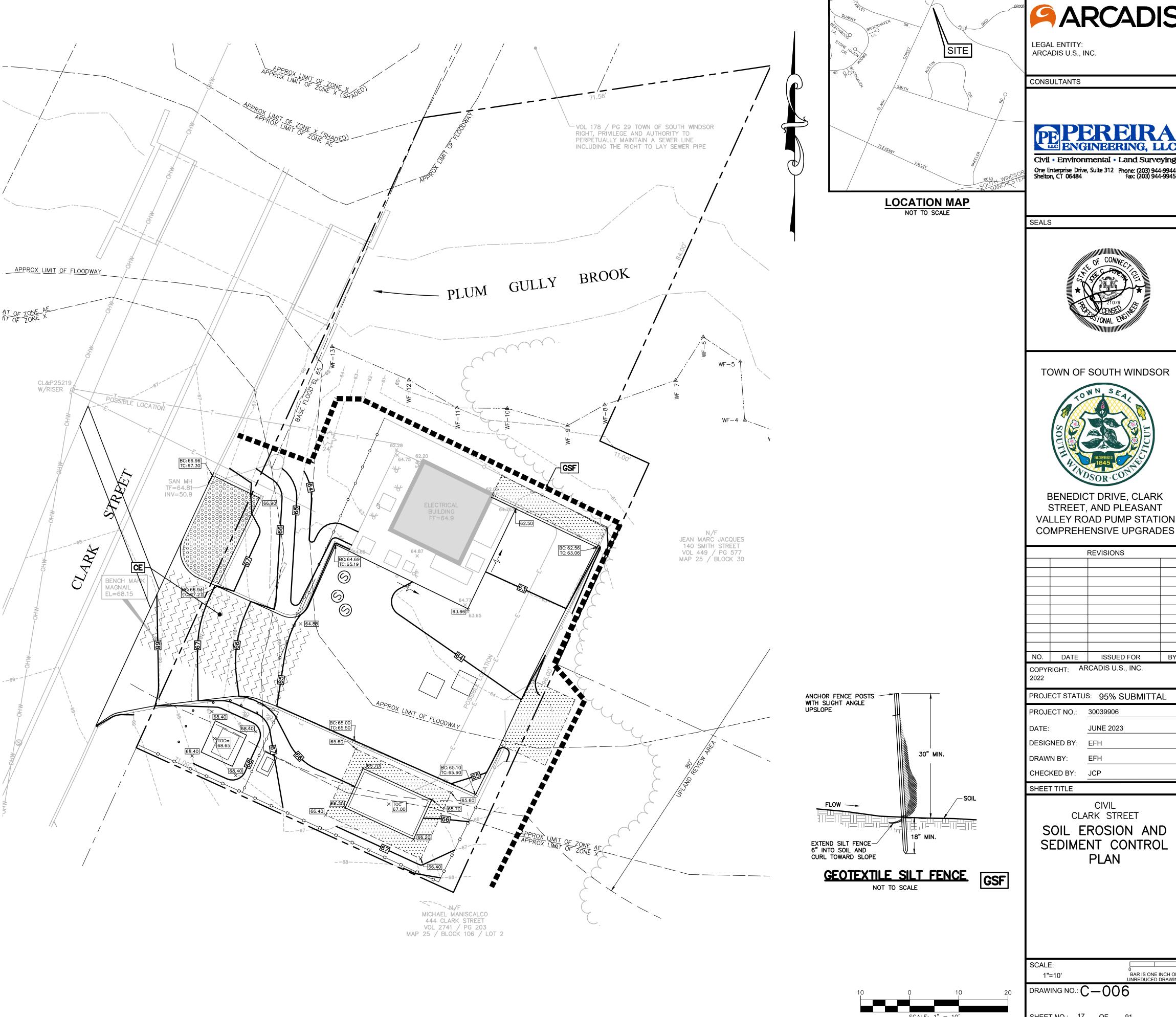
**SYMBOL** 

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CONSTRUCTION ENTRANCE

**DESCRIPTION** 

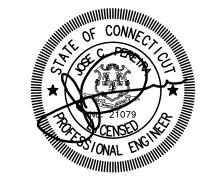
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TOWN OF SOUTH WINDSOR



BENEDICT DRIVE, CLARK STREET, AND PLEASANT VALLEY ROAD PUMP STATION COMPREHENSIVE UPGRADES

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CIVIL CLARK STREET SOIL EROSION AND SEDIMENT CONTROL PLAN

BAR IS ONE INCH ON UNREDUCED DRAWIN DRAWING NO.:  $C\!-\!006$ 

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