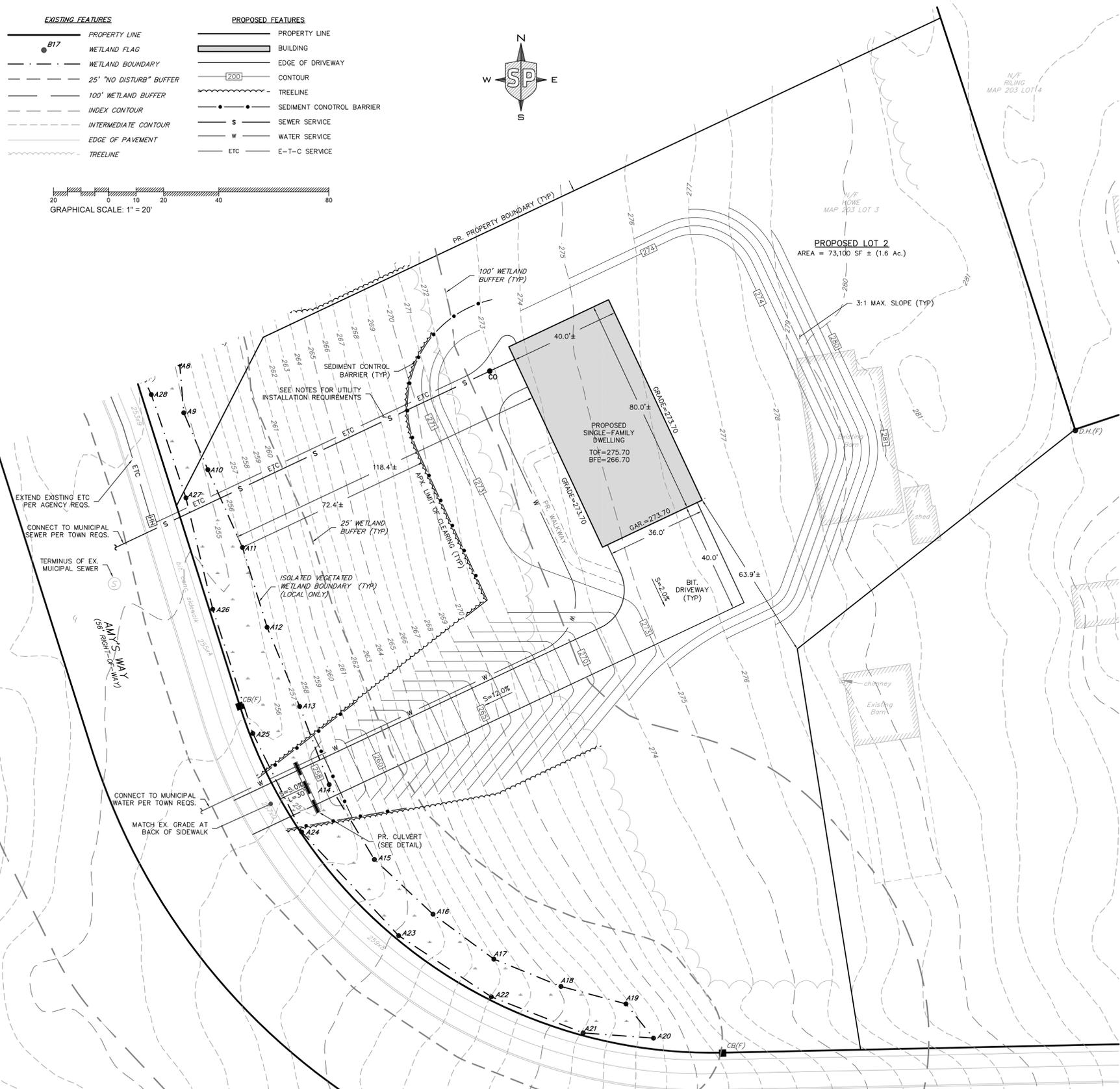
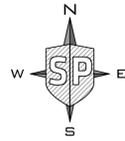


EXISTING FEATURES		PROPOSED FEATURES	
	PROPERTY LINE		PROPERTY LINE
	WETLAND FLAG		BUILDING
	WETLAND BOUNDARY		EDGE OF DRIVEWAY
	25' "NO DISTURB" BUFFER		CONTOUR
	100' WETLAND BUFFER		TREELINE
	INDEX CONTOUR		SEDIMENT CONTROL BARRIER
	INTERMEDIATE CONTOUR		SEWER SERVICE
	EDGE OF PAVEMENT		WATER SERVICE
	TREELINE		E-T-C SERVICE

GRAPHICAL SCALE: 1" = 20'

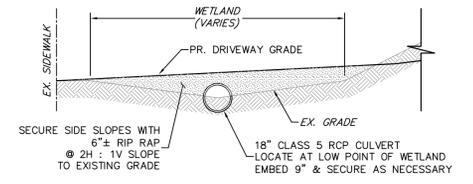


- GENERAL SITE NOTES:**
1. PROPERTY BOUNDARY AND EXISTING CONDITIONS SHOWN ARE THE RESULT OF A SURVEY PERFORMED BY KLIM LAND SURVEYING, INC. IN AUGUST 2024.
 2. WETLANDS SHOWN HERE FROM WETLAND DELINEATION PERFORMED BY ENVIRONMENTAL CONSULTING & RESTORATION, LLC. IN AUGUST 2024.
 3. SITE IS LOCATED IN A RURAL RESIDENTIAL-1 ZONING DISTRICT.
 4. SITE IS NOT LOCATED WITHIN A FLOOD ZONE AS DEPICTED ON FIRM PANEL NUMBER 25021C0144E EFFECTIVE JULY 17, 2012.
 5. SITE DOES NOT CONTAIN ANY CERTIFIED OR POTENTIAL VERNAL POOL AS MAPPED BY MANHESP.
 6. SITE DOES NOT FALL WITHIN AN ESTIMATED OR PRIORITY HABITAT FOR RARE OR ENDANGERED SPECIES PER THE NATURAL HERITAGE ENDANGERED SPECIES ATLAS.
 7. SITE IS NOT LOCATED WITHIN AN AREA OF CRITICAL ENVIRONMENTAL CONCERN.
 8. SITE IS NOT LOCATED IN A ZONE II OR IWPA OR ANY OTHER KNOWN CRITICAL AREA.

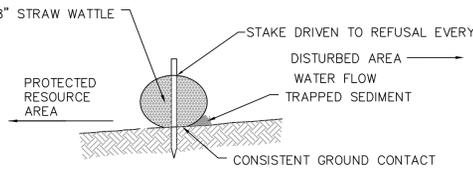
SUMMARY OF PROPOSED RESOURCE AREA & BUFFER ZONE DISTURBANCES

	TEMP. DIST.	PURPOSE	PERM. DIST.	PURPOSE
ISOLATED VEGETATED WETLAND	130 SF	UTILITIES	520 SF	DRIVE
0-25 FOOT BUFFER	250 SF	UTILITIES	1,025 SF	DRIVE
25-100 FOOT BUFFER	500 SF	UTILITIES	7,055 SF	DRIVE/LAWN

- NOTES:**
1. DISTURBANCES GIVEN ARE INTERIOR TO THE SUBJECT PROPERTY ONLY.
 2. TEMPORARY DISTURBANCES GIVEN ASSUME 10 FOOT WIDE TRENCH.



NOTE:
MAINTAIN MIN. 1-FOOT WIDE SHOULDER OFF SIDES OF PAVED DRIVE.



PROFESSIONAL ENGINEER FOR STRONG POINT ENGINEERING SOLUTIONS, LLC

REV	DESCRIPTION	DATE



PROJECT NUMBER: 2406-001
DATE OF ISSUE: 9/5/24
SCALE: 1" = 20'
DESIGNED BY: ED CHECKED BY: SH

PREPARED ON BEHALF OF:
MR. TIMOTHY BOBOLA
P.O. BOX 32
FRANKLIN, MA 02038

PROPOSED LOT 2
NOTICE OF INTENT
884 LINCOLN STREET
FRANKLIN, MASSACHUSETTS 02038
PARCEL ID: 206-003

SITE DEVELOPMENT PLAN **C-1**

GENERAL CONSTRUCTION SEQUENCING

THE FOLLOWING PROVIDES A GENERAL PROTOCOL FOR MINIMUM SEDIMENT CONTROL SEQUENCING AND REQUIREMENTS RELATIVE TO THE PROPOSED CONSTRUCTION. THE DETAILS PROVIDED ARE A MINIMUM GUIDE ONLY. ADDITIONAL CONTROLS MAY BE IMPLEMENTED OR SEQUENCING ADJUSTED AS APPROPRIATE IN KEEPING WITH THE INTENT OF THE PROTOCOL GIVEN.

1. STAKE THE LIMIT OF CLEARING/SEDIMENT CONTROL BARRIER.
2. CUT & REMOVE TREES WITHIN LIMIT OF CLEAR TAKING CARE TO REMOVE ALL LOOSE VEGETATIVE DEBRIS FROM SEDIMENT CONTROL BARRIER AREA.
3. INSTALL TEMPORARY CROSSING STABILIZATION AT THE PERMANENT CROSSING OF THE RESOURCE AREA AS NECESSARY (I.E. SWAMP MATS OF APPROVED EQUAL).
4. INSTALL SEDIMENT CONTROL BARRIER.
5. STUMP AND GRUB SITE.
6. INSTALL CULVERT AND BACKFILL FOR SECURE PASSAGE.
7. PERFORM ROUGH EARTHWORK CUT & FILL.
8. INSTALL PROPOSED FOUNDATION.
9. INSTALL SUBSURFACE UTILITIES.
10. ADVANCE SITE GRADING.
11. INSTALL FINAL HARDSCAPE FEATURES.
12. LOAM & SEED LAWN AREAS AND INSTALL LANDSCAPING, INCLUDING RESTORATION PLANTINGS.
13. REMOVE REMAINING SEDIMENT CONTROL DEVICES UPON COMPLETE STABILIZATION AS DETERMINED BY THE ENGINEER OF RECORD.

MINIMUM REQUIREMENTS FOR WORK WITHING RESOURCE AREAS & BUFFER ZONES

1. SEWER AND ETC UTILITIES SHALL BE FIELD LOCATED IN KEEPING WITH THE INTENT OF THIS PLAN IN SUCH A MANNER AS TO MINIMIZE CLEARING OF SIGNIFICANT VEGETATION WITHIN RESOURCE AREAS AND ASSOCIATED BUFFER ZONES TO THE MAXIMUM EXTENT PRACTICABLE. DRIVEWAY LOCATIONS AND ASSOCIATED CLEARING SHALL BE IN THE EXACT LOCATION SHOWN.
2. CLEARING AND TRENCHING SHALL BE KEPT TO THE MINIMUM NECESSARY TO ACCOMPLISH THE PROPOSED WORK.
3. UPON EXCAVATION OF SOILS WITHIN THE RESOURCE AREA TOP AND SUB-SOIL LAYERS SHALL BE SEPARATED AND STOCKPILES SEPARATELY. BACKFILL SHOULD OCCUR WITH THESE EXCAVATED MATERIALS FIRST BEFORE INTRODUCING IMPORT MATERIAL WITH LIKE CHARACTERISTICS AS NECESSARY.
4. ALL EXCAVATED MATERIAL SHALL BE STOCKPILED AS FAR AWAY FROM THE WETLAND RESOURCE BOUNDARY AS POSSIBLE.
5. ALL EXCAVATED SPOILS SHALL BE REMOVED FROM THE SITE AS APPROPRIATE.
6. NO TRENCH SHOULD BE LEFT OPEN LONGER THAN THE MINIMUM REQUIRED TO PERFORM THE REQUIRED WORK.
7. BACKFILL SHOULD OCCUR IN AS EXPEDITIOUS MANNER AS POSSIBLE TO MAINTAIN HYDROLOGY OF THE AREA AND EXCAVATED MATERIALS.
8. ADDITIONAL EROSION CONTROLS AND SEDIMENT CONTROL BARRIER SHALL BE UTILIZED DURING THE INSTALLATION OF UTILITIES AS DETERMINED NECESSARY BY THE ENGINEER OF RECORD.
9. IMMEDIATELY FOLLOWING BACKFILL ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED WITH AN APPROPRIATE WETLAND AND/OR BUFFER ZONE SLOPE STABILIZATION SEED MIX. ALL SEED MIXES SHALL BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO SEEDING.
10. IF THE WORK OCCURS OUTSIDE OF THE GROWING SEASON, THE DISTURBED AREA SHALL BE IMMEDIATELY STABILIZED BY THE APPLICATION OF APPROPRIATE GEOTEXTILE FABRIC OR APPROVED EQUAL AT THE DISCRETION OF THE ENGINEER OF RECORD.
11. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO ANTICIPATE AND RESPOND TO INCLEMENT WEATHER CONDITIONS DURING THE PERFORMANCE OF WORK.
12. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE THE NUMBER OF TRIPS REQUIRED OVER TEMPORARY ACCESS THROUGH THE RESOURCE AREA.

MINIMUM RESOURCE AREA RESTORATION PLANTING REQUIREMENTS

1. PRIOR TO COMMENCEMENT OF ANY VEGETATION REMOVAL, THE LIMIT OF CLEARING ASSOCIATED WITH THE WETLAND CROSSING SHALL BE STAKED IN THE FIELD. ALL SIGNIFICANT VEGETATION TO BE REMOVED FROM WITHIN THE RESOURCE AREA BOUNDARIES SHALL BE INVENTORIED FOR NUMBER AND SPECIES.
2. PRIOR TO THE CONCLUSION OF SITE WORK A LIKE NUMBER OF SPECIES REMOVED SHALL BE PLANTED AT A RATIO OF 2:1. PLANTINGS SHALL BEGIN WITHIN DISTURBED WETLAND RESOURCE AREAS AND SHALL BE LOCATED AT APPROPRIATE INTERVALS. ONCE THE DISTURBED RESOURCE AREAS HAVE BEEN PLANTED, ADDITIONAL REQUIRED PLANTINGS CAN BE SPREAD ALONG THE EASTERN BOUNDARY OF THE RESOURCE AREA.
3. THE GRADE AROUND REQUIRED PLANTINGS ALONG THE EASTERN BOUNDARY OF THE RESOURCE AREA SHALL BE ADJUSTED BY HAND OR SMALL MACHINERY TO ENSURE ADEQUATE HYDROLOGY AS NECESSARY. IT IS THE INTENTION TO CAUSE AS MINIMAL DISTURBANCE TO THE AREA AS POSSIBLE DURING THE PERFORMANCE OF THIS WORK. PLANTING AREAS SELECTED SHALL NOT RESULT IN THE REMOVAL OF ANY ADDITIONAL VEGETATION.
4. ALL PLANTING STOCK SHALL MEET ALL APPROPRIATE AMERICAN NURSERYMEN STANDARDS AND SHALL BE INSPECTED FOR HEALTH AND APPROPRIATENESS BY THE ENGINEER OF RECORD PRIOR TO PLANTING.

CONSTRUCTION PHASE INSPECTION & MONITORING

THE FOLLOWING PROVIDES MINIMUM REQUIREMENTS FOR INSPECTION AND MONITORING OF THE SITE'S EROSION CONTROLS AND STORMWATER SYSTEMS TO BE EMPLOYED DURING THE CONSTRUCTION PHASE. THE CONTRACTOR OR OTHER OWNER'S REPRESENTATIVE WILL BE RESPONSIBLE FOR COMPLIANCE WITH THESE REQUIREMENTS.

1. CONTRACTOR SHALL MAKE EVERY EFFORT TO ANTICIPATE POSSIBLE SOURCES OF SEDIMENT/DEBRIS TRANSPORT AND SHALL MAKE PREEMPTIVE EFFORTS TO ELIMINATE THREATS BEFORE ISSUES OCCUR. THIS INCLUDES ANTICIPATION OF, AND INSPECTION/REINFORCEMENT OF CONTROLS, PRIOR TO SIGNIFICANT FORECAST STORM EVENTS.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE INSPECTED ONCE PER WEEK DURING ACTIVE CONSTRUCTION WITHOUT FAIL. ALL DEFICIENCIES OR DAMAGED CONTROLS SHALL BE REPORTED AND CORRECTED WITHIN 24 HOURS.
3. PERIMETER CONTROLS SHOULD BE REPLACED/REFRESHED WHEN ANY SEDIMENT ACCUMULATION EXCEEDS HALF OF THE CONTROL'S HEIGHT.
4. PUBLIC WAYS SHALL BE KEPT FREE OF SEDIMENT AND DEBRIS. ANY SEDIMENT AND/OR DEBRIS TRACKED TO THE TRAVELED WAY SHOULD BE CLEANED AT THE END OF WORK EACH DAY.
5. ANY BARRIER CONTROLS NECESSARY AROUND STOCKPILES SHOULD BE MAINTAINED IN THE SAME MANNER AS PERIMETER CONTROLS.
6. DUST CONTROL SHALL BE BY MECHANICAL MEANS AND SHALL CONSIST OF WATER APPLICATION ONLY. THE USE OF ANY TREATMENT CHEMICALS OR FLOCCULANTS IS STRICTLY PROHIBITED.
7. ALL SEDIMENT/DEBRIS SHOULD BE DISPOSED OF OFF-SITE IN ACCORD WITH ALL APPLICABLE STATE AND LOCAL REGULATIONS.
8. INLET PROTECTION SHALL BE EMPLOYED AT ANY STORMWATER CONVEYANCE IN THE VICINITY OF THE PROPOSED WORK THAT MAY BE AT RISK OF SEDIMENT TRANSPORT. ALL SUCH MEASURES SHALL BE MONITORED AND MAINTAINED APPROPRIATELY.
9. SEDIMENT BARRIER SHOULD BE EMPLOYED ADJACENT TO THE EASTERN BOUNDARY OF THE RESOURCE AREA AT THE CROSSING LOCATION TO PROTECT THE RESOURCE AREA AND ALLOW ACCESS TO THE WORK AREA. SEDIMENT BARRIERS IN THIS LOCATION MAY BE RELOCATED DURING CONSTRUCTION TO ACCOMPLISH THIS INTENT AS THE WORK PROGRESSES. IT MAY BE NECESSARY TO EMPLOY TEMPORARY OF MOVEABLE CONTROLS FOR THIS PURPOSE.
10. ANY SEDIMENT INADVERTENTLY ACCUMULATED WITHIN THE RESOURCE AREA SHALL BE REMOVED BY HAND IMMEDIATELY.

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING FEATURES SHOWN ON THESE PLANS IS BASED ON BEST AVAILABLE DATA PROVIDED BY OTHERS. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIALSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES AND THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN AND VERIFY ALL ELEVATIONS SHOWN PRIOR TO GROUND BREAK.
2. PLAN IS SUBJECT TO ALL CONSTRUCTION SPECIFICATIONS AND REGULATIONS OF THE TOWN OF FRANKLIN. THESE SPECIFICATIONS ARE HEREBY MADE A PART OF THIS PLAN. ALL CONSTRUCTION SHALL BE IN ACCORD WITH THESE SPECIFICATION INCLUDING BUT NOT LIMITED TO MATERIALS, SIZES, INSTALLATION, TESTING, AND APPROVAL PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A COPY OF THESE STANDARDS FROM THE TOWN FOR USE ON THIS PROJECT.
3. IF MUNICIPAL, PERMITTING AUTHORITY, OR UTILITY COMPANY SPECIFICATIONS AND/OR REQUIREMENTS DIFFER FROM THE REQUIREMENTS OF THESE PLANS IN ANY REGARD, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
4. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
5. CONTRACTOR SHALL COORDINATE WITH MEP AND ARCHITECTURAL PLANS TO CONFIRM LOCATION OF ALL UTILITY SERVICES TO BUILDINGS PRIOR TO BUILDING CONSTRUCTION.
6. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO DETERMINE EXACT POINT OF SERVICE CONNECTION AT EXISTING UTILITY.
7. ENGINEER SHALL BE NOTIFIED IMMEDIATELY IN WRITING OF ANY DISCREPANCIES FOUND THAT WILL EFFECT THE INTENT OF THIS DESIGN. AFTER NOTIFICATION, WORK SHALL NOT PROCEED RELATIVE TO SAID DISCREPANCY WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.
8. DURING CONSTRUCTION ANY INTERPRETATION OF THE PROPOSED WORK AND ANY MATTER WHICH REQUIRES THE APPROVAL OF THE OWNER MUST BE APPROVED BY THE ENGINEER BEFORE ANY CONSTRUCTION INVOLVING THAT DECISION COMMENCES.
9. CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM PROPOSED STRUCTURES.
10. CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF FOUNDATION DRAINAGE AND WATERPROOFING AS REQUIRED.
11. CONTRACTOR IS TO FOLLOW ALL PERTINENT GOOD HOUSEKEEPING PRACTICES WITH REGARD TO EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION OF THE PROJECT, INCLUDING MONITORING/MAINTENANCE OF THE SEDIMENT CONTROL BARRIER AND KEEPING ANY'S WAY FREE OF SEDIMENT AND DEBRIS.
12. LIMITS OF PROPOSED CLEARING SHALL BE THE MINIMUM NECESSARY TO ACCOMPLISH THE PROPOSED WORK. IN NO CASE SHALL THE LIMITS OF CLEARING EXTEND ON TO AN ABUTTING PROPERTY.
13. MAINTAIN ACCESSIBLE PASSAGE WAY THROUGH EXISTING SIDEWALKS AS REQUIRED.

STANDARD DEWATERING PLAN

THE FOLLOWING REPRESENTS MINIMUM REQUIREMENTS FOR DEWATERING ASSOCIATED WITH THE PROPOSED PROJECT AS APPLICABLE. ADDITIONAL REQUIREMENTS OR CONDITIONS ARE ALLOWABLE BY THE ENGINEER OF RECORD BASED UPON CONDITIONS ENCOUNTERED IN THE FIELD.

1. IF DEWATERING IS REQUIRED AT ANY TIME DURING CONSTRUCTION ASSOCIATED WITH THE PROPOSED WORK, IT SHALL BE PERFORMED BY MECHANICAL MEANS AND ALL DISCHARGES SHALL BE UPSLOPE OF THE WETLAND RESOURCE AREAS.
2. CONTRACTOR SHALL MAKE EVERY EFFORT TO ENSURE THAT EFFLUENT FROM THE DEWATERING SOURCE IS DISSIPATED OVERLAND RATHER THAN CONCENTRATED AS A POINT SOURCE DISCHARGE. POINT SOURCE DISCHARGES ARE STRICTLY PROHIBITED.
3. EFFLUENT SHALL BE ALLOWED TO FLOW OVERLAND TOWARD THE BWV SO LONG AS PROPER FILTRATION IS PROVIDED TO REMOVE ANY SUSPENDED SEDIMENTS TO THE MAXIMUM EXTENT POSSIBLE PRIOR TO REACHING THE BWV. IN NO CASE SHALL DISCHARGE BE DIRECTED TOWARD THE ON-SITE VERNAL POOL.
4. PROPER FILTRATION WILL BE CONSIDERED, AT MINIMUM, TO INCLUDE THE USE OF A SUMP PIT AT THE DEWATERING SOURCE AND FILTRATION CONTROLS AT THE DISCHARGE SOURCE.
5. AT MINIMUM, SUMP PITS SHALL CONSIST OF A 12-IN. DIAMETER PERFORATED VERTICAL STANDPIPE BACKFILLED WITH WASHED CRUSHED STONE POSITIONED ON A 2-IN. WASHED CRUSHED STONE BASE. A SUBMERSIBLE PUMP OR SUCTION LINE SHALL BE LOCATED WITHIN THE STANDPIPE AND SHALL PUMP FILTERED WATER TO THE FILTRATION CONTROLS AT THE DISCHARGE SOURCE.
6. MINIMUM FILTRATION CONTROLS AT THE DISCHARGE SOURCE SHALL CONSIST OF EROSION CONTROL MATERIALS FORMED IN A U-SHAPE AROUND THE DISCHARGE POINT WITH A MINIMUM DIAMETER OF 6 FT. THE DISCHARGE POINT SHALL BE POSITIONED MIDWAY BETWEEN THE ENDS OF THE FILTRATION CONTROLS IN A STRAIGHT LINE TO ALLOW FOR ADEQUATE DISBURSEMENT OF EFFLUENT.
7. DISCHARGE SHALL BE LOCATED SUCH THAT EFFLUENT IS NOT DIRECTED OVER AREAS THAT ARE UNSTABLE DUE TO THE REQUIRED WORK WHENEVER POSSIBLE.
8. ALL DISCHARGES SHALL BE MONITORED FOR TURBIDITY. ADJUSTMENTS FOR SETTLING SHALL BE MADE AND SECONDARY CONTROLS SHALL BE ADDED AS NECESSARY.
9. ANY ACCUMULATED SEDIMENT RESULTING FROM DEWATERING FILTRATION SHALL BE REMOVED PRIOR TO REUSE OF THE PRACTICE.



PROFESSIONAL ENGINEER FOR
STRONG POINT ENGINEERING SOLUTIONS, LLC

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SITE DEVELOPMENT PLAN	C-2
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