

GENERAL NOTES:

- OWNERS OF ADJOINING PROPERTIES ARE SHOWN ACCORDING TO CURRENT TOWN OF HOLLISTON ASSESSORS RECORDS.
- THIS PLAN IS BASED ON AN AERIAL SURVEY BY CIVIL DESIGN CONSULTANTS INC. PERFORMED IN JANUARY, 2022.
- LEGAL STATUS OF EASEMENTS AND WAYS, NOT DETERMINED BY THIS SURVEY.
- HORIZONTAL DATUM IS NAD 83, AND VERTICAL DATUM IS NAVD 1988.

REFERENCES:

TOWN ASSESSOR MAP 9, BLOCK 3, PARCEL 16.1  
DEED BOOK 79917, PAGE 173  
PLAN 1029 OF 1971

ZONING:

ZONED: INDUSTRIAL  
AREA = 20,000 sf  
FRONTAGE = 100 feet  
DEPTH = 150 feet  
SETBACKS: FRONT = 30 feet  
SIDE = 20 feet  
REAR = 30 feet

PREPARED FOR:

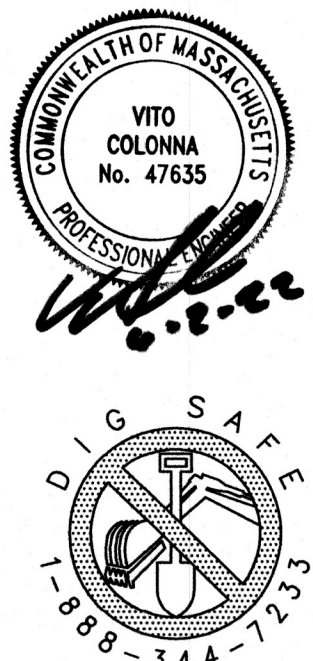
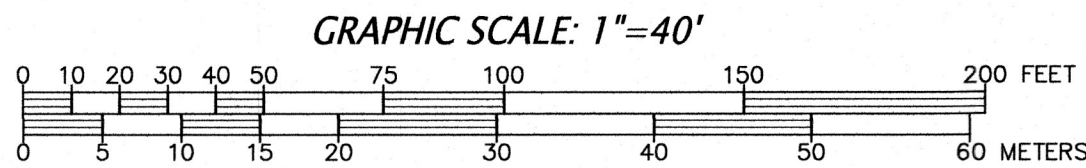
MASTER PAVING CORP. &  
MIDDLESEX ASPHALT SERVICES, INC.

157-165 LOWLAND STREET  
HOLLISTON, MA 01746

CONNORSTONE  
ENGINEERING INC.  
CIVIL ENGINEERS AND LAND SURVEYORS  
10 SOUTHWEST CUTOFF, SUITE 7  
NORTHBOROUGH, MASSACHUSETTS 01532  
PHONE: 508-393-9727 FAX: 508-393-5242

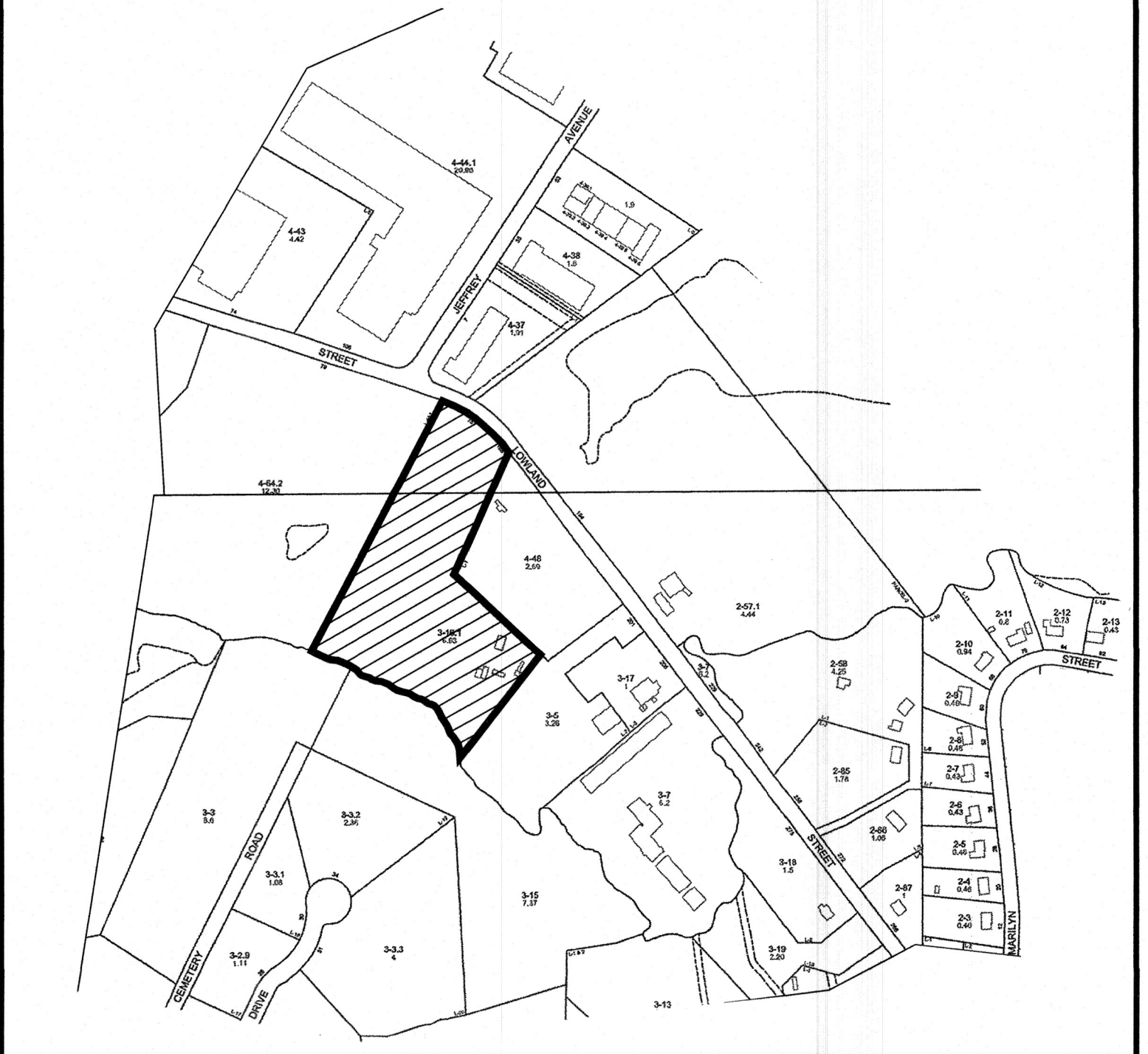
PROPOSED SITE PLAN  
OF  
157-165 LOWLAND STREET  
IN  
HOLLISTON, MA

6/2/2022	TOWN COMMENT
REVISED:	DESCRIPTION:
DRAWN BY: REM	CHECK BY: VC
DATE: APRIL 7, 2022	
SCALE: 1"=40'	SHEET 1 OF 4.
EXISTING CONDITIONS PLAN	





LOCUS MAP: 1"=400'



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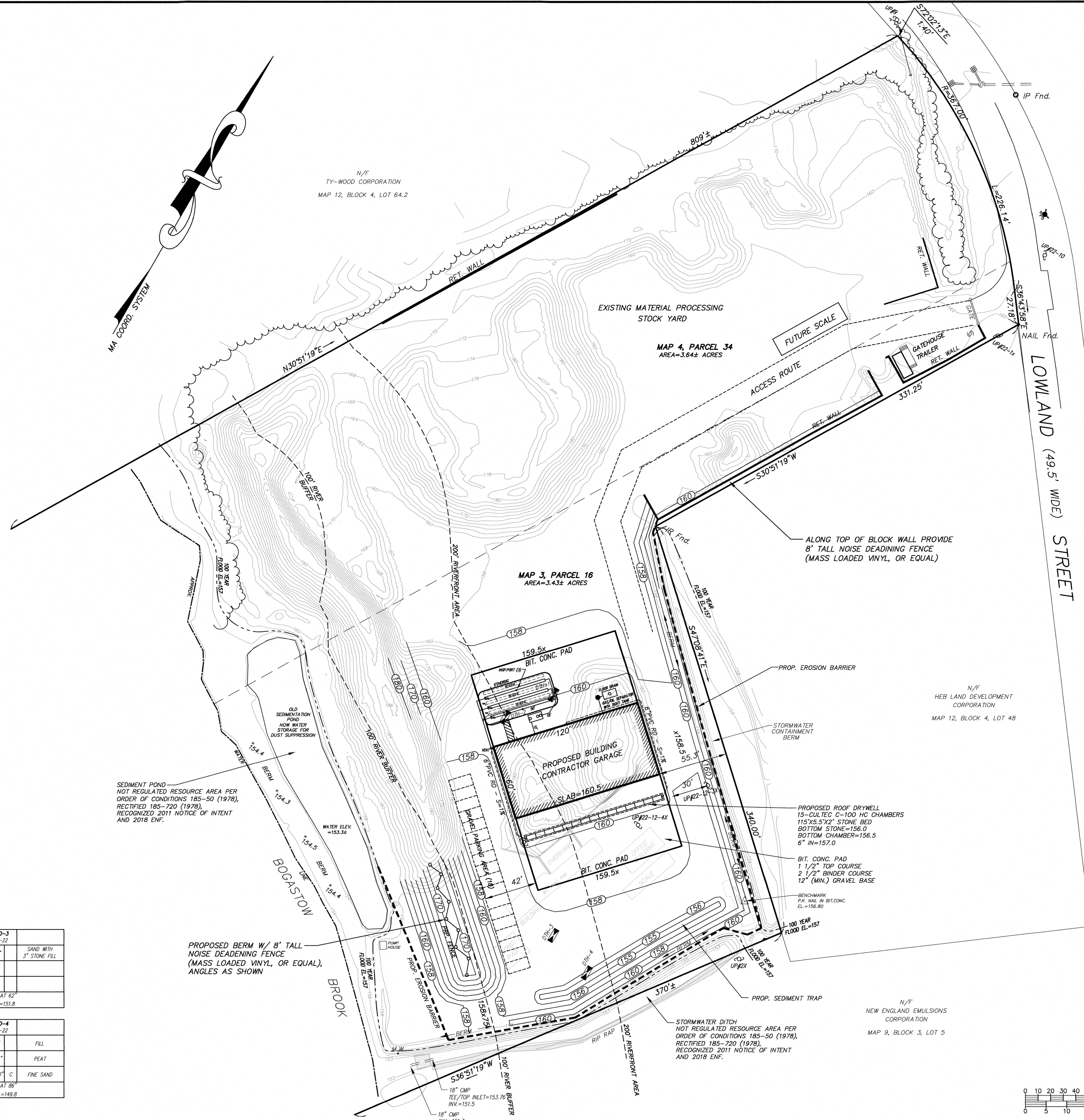
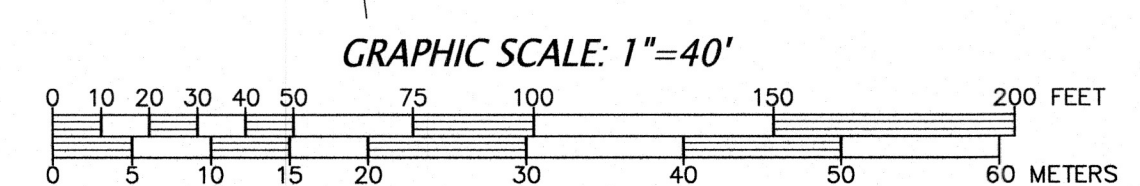
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PROPOSED SITE PLAN  
OF  
157-165 LOWLAND STREET

HOLLISTON, MA

6/2/2022 TOWN COMMENT  
REVISED: DESCRIPTION:  
DRAWN BY: REM CHECK BY: VC  
DATE: APRIL 7, 2022  
SCALE: 1"=40' SHEET 2 OF 4.  
**PROPOSED SITE PLAN**



**SOIL LOGS**

<b>DTH-1</b> 1-11-22		<b>DTH-3</b> 1-11-22	
0-156"	FILL	0-120"	SAND WITH 3" STONE FILL
156-210" C	MEDIUM SAND		
WATER AT 73"		WATER AT 62"	
E.S.H.W.=150.7		E.S.H.W.=151.8	

<b>DTH-2</b> 1-11-22		<b>DTH-4</b> 1-11-22	
0-102"	FILL	0-86"	FILL
102-138"	PEAT	86-110"	PEAT
138-218" C	LOAMY SAND	110-140" C	FINE SAND
WATER AT 57"		WATER AT 86"	
E.S.H.W.=152.25		E.S.H.W.=149.8	



EROSION AND SEDIMENTATION CONTROL NOTES:

- GENERAL CONDITIONS:
- ALL WORK SHALL BE IN ACCORDANCE WITH THE ORDER OF CONDITIONS ISSUED BY THE CONSERVATION COMMISSION AND PROJECT STORMWATER POLLUTION PREVENTION PLAN (IF APPLICABLE).
  - THIS PLAN DEPICTS THE MINIMUM REQUIRED SEDIMENTATION AND EROSION CONTROLS. THE CONTRACTOR SHALL EMPLOY ADDITIONAL SEDIMENTATION AND EROSION CONTROL MEASURES AS NECESSITATED BY SITE CONDITIONS, OR AS DIRECTED BY THE OWNER, THE OWNER'S REPRESENTATIVE, OR THE CONSERVATION COMMISSION TO ENSURE PROTECTION OF ALL WETLAND RESOURCES AND CONTROL SEDIMENT TRANSPORT. IF SEDIMENTATION PLUMES OCCUR, THE CONTRACTOR SHALL STOP WORK AND INSTALL ADDITIONAL SEDIMENTATION CONTROL DEVICES IMMEDIATELY TO PREVENT FURTHER SEDIMENTATION.

- RESPONSIBLE PARTY:
- THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TEMPORARY AND PERMANENT SEDIMENTATION AND EROSION CONTROLS UNTIL WORK IS COMPLETE AND ALL AREAS HAVE BEEN PERMANENTLY STABILIZED. AT SUCH TIME THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SEDIMENTATION AND EROSION CONTROL MEASURES. CONTRACTOR'S CONTACT INFORMATION TO BE PROVIDED TO THE LOCAL AUTHORITY PRIOR TO CONSTRUCTION, INCLUDING 24 HOUR EMERGENCY CONTACT NUMBER..

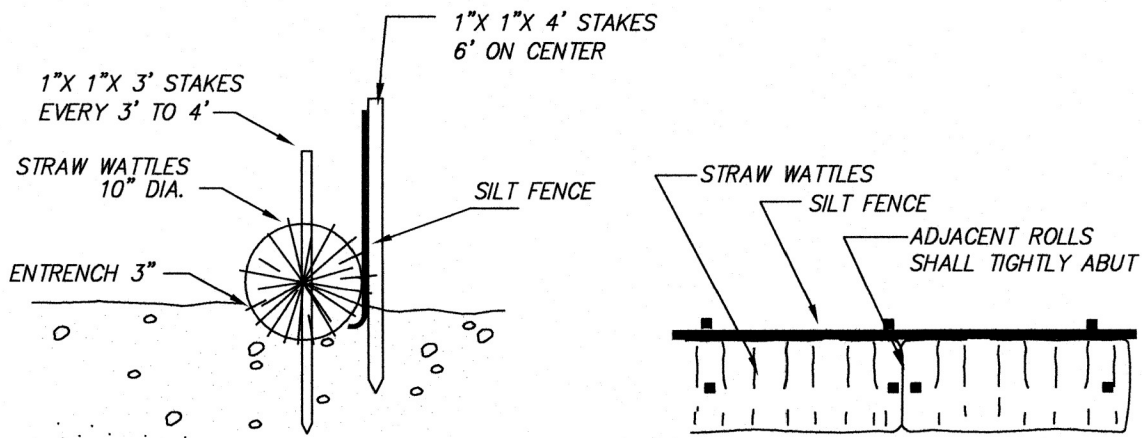
- SEQUENCE OF EROSION CONTROLS:
- PRIOR TO INITIATING ANY CONSTRUCTION, ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND DETAIL DRAWINGS.

- INSPECTION / MAINTENANCE SCHEDULE:
- THE CONTRACTOR SHALL INSPECT SEDIMENTATION AND EROSION CONTROLS ON A WEEKLY BASIS AND IMMEDIATELY BEFORE/AFTER EACH RAINFALL GREATER THAN 0.25 INCHES.
  - REPAIRS SHALL BE MADE BY THE END OF THE WORKING DAY.

- CONSTRUCTION PERIOD BMP'S:
- SEDIMENTATION BARRIERS SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT OR AS INDICATED ON THE PLANS. ADDITIONAL BARRIERS SHALL BE LOCATED AS CONDITIONS WARRANT, AND IN SOME AREAS STRUCTURES MAY HAVE TO BE DUPLICATED AT REGULAR INTERVALS UP GRADIENT OF WETLANDS. ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR WHEN THE VOLUME REACHES 1/4 TO 1/2 THE HEIGHT OF SEDIMENT BARRIER, OR AS DIRECTED BY THE LOCAL AUTHORITY.
  - SOIL STOCKPILES SHALL BE STABILIZED TO PREVENT EROSION, AND A PERIMETER SEDIMENT CONTROL BARRIER SHALL BE INSTALLED. NO MATERIALS SUBJECT TO EROSION SHALL BE STOCKPILED OVERNIGHT WITHIN 100 FEET OF A WETLAND UNLESS COVERED.
  - DISTURBED AREAS SHALL BE STABILIZED WITH 4 INCHES OF LOAM AND SEEDING (OR BY ANOTHER APPROVED METHOD) AS SOON AS POSSIBLE AFTER THE FINISHED GRADE HAS BEEN MET. DISTURBED AREAS WITH SLOPES 3:1 (H:V) OR GREATER SHALL BE COVERED WITH LOAM AND STABILIZED WITH HYDROSEED. IF FINAL GRADING DOES NOT OCCUR DURING THE GROWING SEASON, THESE AREAS SHALL BE MULCHED WITH HAY AND SECURED.
  - DEWATERING OPERATIONS, IF REQUIRED, SHALL DISCHARGE ONTO STABILIZED AREAS, AND ALL DISCHARGE WATER IS TO PASS THROUGH SEDIMENTATION CONTROL DEVICES TO PREVENT IMPACTS UPON WATER BODIES, BORDERING VEGETATED WETLANDS, DRAINAGE SYSTEMS AND ABUTTING PROPERTIES. AT A MINIMUM ALL DISCHARGES SHALL BE INTERCEPTED BY GEOTEXTILE FILTER BAG AND/OR HAYBALE CHECK DAMS SPACED 10' APART.
  - STREET SWEEPING IN THE VICINITY OF THE PROJECT AREA SHALL BE PERFORMED AS NEEDED UNTIL THE PROJECT LIMITS HAVE BEEN STABILIZED. ALL SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY AT A MINIMUM, AND AS NEEDED BASED ON THE AMOUNT OF SEDIMENT TRACKED.
  - ALL EXISTING AND PROPOSED DRAINAGE SYSTEM INLETS, WHICH MAY RECEIVE STORMWATER FLOW FROM DISTURBED AREAS, SHALL BE PROVIDED WITH INLET PROTECTION (CATCH BASIN SILT SACKS). THE CONTRACTOR SHALL MAINTAIN THESE DEVICES PER THE MANUFACTURERS RECOMMENDATIONS UNTIL ALL WORK IS COMPLETED AND ALL AREAS HAVE BEEN ADEQUATELY STABILIZED.
  - DUST CONTROL MEASURES SHALL BE IMPLEMENTED AND MAINTAINED PROPERLY THROUGHOUT DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. METHODS FOR DUST CONTROL SHALL INCLUDE WATER SPRINKLING AND/OR OTHER METHODS APPROVED BY THE ENGINEER.
  - ALL VEHICLES SHALL ENTER AND EXIT THE SITE OVER THE EXISTING PAVED DRIVEWAY OR A STABILIZED CONSTRUCTION ENTRANCE CONSISTING OF 2" TO 3" INCH CRUSHED STONE TO A DEPTH OF 6" FOR A MINIMUM OF THE FIRST 50 FEET FROM EXISTING PAVED STREETS. EXTEND THE PAD BEYOND 50 FEET AS NECESSARY BASED UPON FIELD CONDITIONS. IF THE SITE CONDITIONS ARE SUCH THAT THE GRAVEL PAD DOES NOT REMOVE THE MAJORITY OF THE MUD AND DEBRIS, THEN THE TIRES SHALL BE WASHED BEFORE ANY VEHICLES ENTER ADJACENT ROADWAYS. ALL WATER USED FOR TIRE WASHING SHALL BE COLLECTED AND TREATED PRIOR TO ENTERING THE DRAINAGE SYSTEM. THE CONTRACTOR SHALL INSPECT THE CONSTRUCTION ENTRANCE DAILY AND AFTER HEAVY USE.

CONSTRUCTION NOTES:

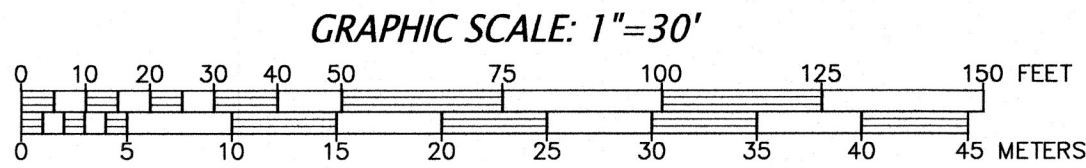
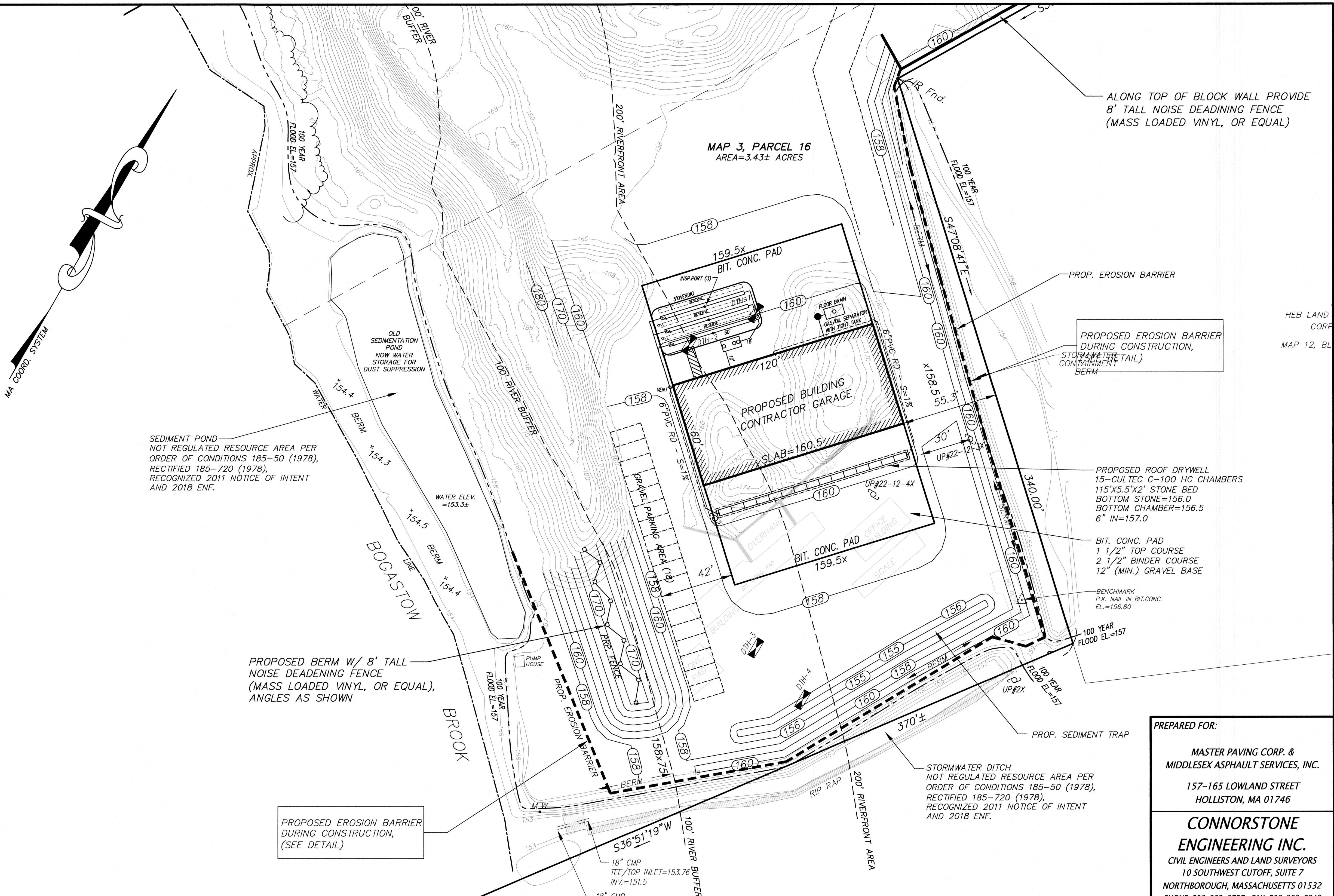
- EXISTING UTILITY LINES SHOWN ON THIS DRAWING ARE FROM AVAILABLE INFORMATION AND ARE APPROXIMATE LOCATIONS. THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY OR THAT ALL UTILITIES AND SUBSURFACE STRUCTURES ARE SHOWN. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION AND INVERT ELEVATIONS OF THE UTILITIES AND STRUCTURES, AS REQUIRED PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES WITH RECORD DATA SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL CONTACT DIG SAFE: 1-800-344-7233 (72 HOURS BEFORE DIGGING), AND TOWN DPW FOR UTILITY LOCATIONS PRIOR TO EXCAVATION. TEST PITS SHALL BE UTILIZED FOR UTILITY CONNECTIONS.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
- ALL MATERIALS AND CONSTRUCTION PRACTICES SHALL BE IN CONFORMANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE AUBURN DEPARTMENT OF PUBLIC WORKS, OR THE LATEST EDITION OF THE MASSACHUSETTS HIGHWAY DEPARTMENT (MHD) CONSTRUCTION STANDARDS AND THE MHD "STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES", WHICHEVER IS MORE STRINGENT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, TO KEEP ACCURATE AS-BUILT MEASUREMENTS / RECORDS OF ALL UNDERGROUND OR CONCEALED WORK.
- THE LAYOUT AND INSTALLATION OF ELECTRIC, GAS, TELEPHONE AND CATV UTILITY CONNECTIONS AND SERVICES SHALL IN ACCORDANCE WITH THE REQUIREMENTS OF THE RESPECTIVE UTILITY.
- THE CONTRACTOR SHALL UTILIZE ALL MEASURES AND MATERIALS NECESSARY TO ENSURE THE SAFETY OF ALL PERSONS AND PROPERTIES AT THE SITE DURING CONSTRUCTION. ALL EXCAVATIONS SHALL CONFORM TO CURRENT OSHA STANDARDS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE HIS WORK WITH THE APPROPRIATE HIGHWAY & UTILITY DEPARTMENTS. WORK WITHIN THE HIGHWAY LAYOUT SHALL CONFORM TO THE CONDITIONS OF THE PERMIT ISSUED BY MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION OR THE LOCAL AUTHORITY.
- ALL SIGN SIZES AND MATERIAL SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC DEVICES" (MUTCD) AND THE OFFICE OF TRAFFIC OPERATIONS, FEDERAL HIGHWAY ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION.
- ALL RAMPS, CURB CUTS, SIDEWALKS, AND ACCESSIBLE SPACES SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT REGULATIONS AND WITH ARCHITECTURAL ACCESS BOARD REGULATIONS (521 CMR 1-47).
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
- ALL EXCAVATION AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE MASSACHUSETTS HIGHWAY DEPARTMENT (MHD) STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, SECTIONS 120, 140, 150, AND 170.



CROSS SECTION PLAN VIEW

- NOTES:
- STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" DEEP. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.
  - INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

STRAW WATTLES AND SILT FENCE DETAIL NOT TO SCALE



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PROPOSED SITE PLAN OF 157-165 LOWLAND STREET IN HOLLISTON, MA	
6/2/2022	TOWN COMMENT
REVISED:	DESCRIPTION:
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SCALE: 1"=30'	SHEET 3 OF 4.
EROSION CONTROL PLAN	



**NOTES:**  
EMBANKMENT CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH MASSDOT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, SECTIONS 150.  
PRIOR TO PLACEMENT OF FILL, AREAS UNDER EMBANKMENTS SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL, SUBSOIL, AND ANY UNSUITABLE MATERIALS.  
EMBANKMENTS SHALL BE FORMED BY PLACING SUCCESSIVE LAYERS OF MATERIAL UNIFORMLY DISTRIBUTED AND COMPACTED OVER THE FULL WIDTH OF THE CROSS SECTION AND EXTENDED BEYOND THE FINISH SLOPE. LAYERS SHALL BE PLACED AND COMPACTED IN MAXIMUM 12 INCH LIFTS AND COMPACTED TO A MINIMUM OF 95% MAXIMUM DRY DENSITY.

NOT TO SCALE

NOTE:  
FOR INLETS LARGER THAN  
8", THE DESIGN AND DIMENSIONS  
WILL BE DETERMINED FOR EACH  
PARTICULAR CASE.

CIRCULAR BASINS ARE RECOMMENDED.

## CONSTRUCTION DETAILS