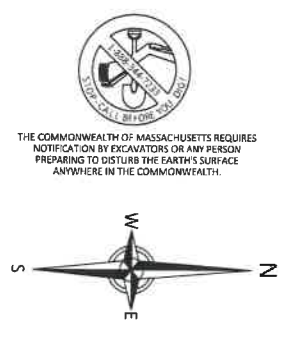
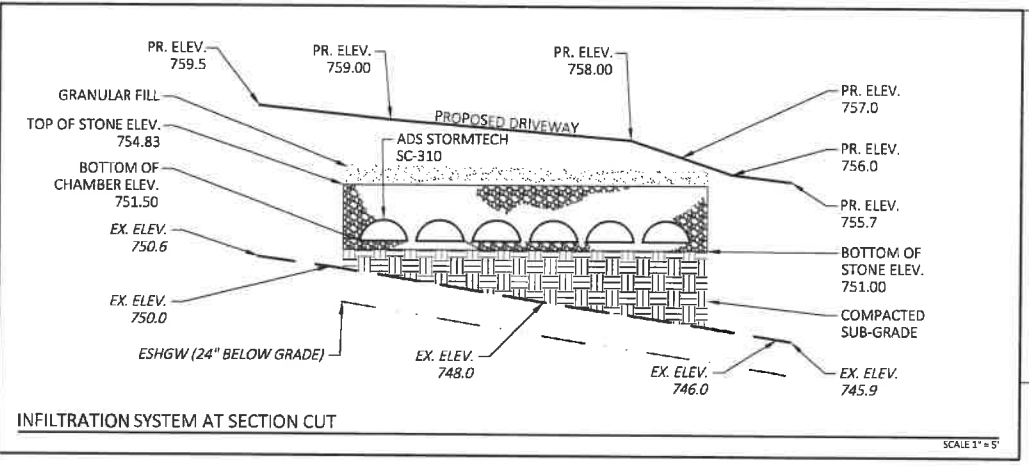


LEGEND	
ENVIRONMENTAL	
100' WETLAND BUFFER ZONE	100' WBL
APPROX. BOUNDARY BORDERING VEGETATED WETLAND	ABWV
EROSION CONTROL BARRIER	ECB
GRADING & TOPOGRAPHY	
BASEMENT FLOOR ELEVATION	BFE=100.00
CONTOUR - MINOR	---99---
CONTOUR - MAJOR	---100---
FOUNDATION - TOP OF CONCRETE FOUNDATION WALL	TOC=100.00
GARAGE FLOOR ELEVATION	GFC=100.00
HIGH POINT	HP=100
LOW POINT	LP=100
SPOT ELEVATION	X100.00
TREELINE	~~~~~
MATERIALS	
BUILDING	101
BUILDING - DOOR	GD
BUILDING - GARAGE DOOR	GD
BUILDING - OVERHANG	OP
EDGE OF PAVEMENT	CLP
MONITORING & TESTING	
TEST PIT	TP-#
UTILITIES & DRAINAGE	
ELECTRIC, COMMUNICATION & DATE LINE	USE
UTILITY POLE	C&UP
AREA DRAIN	AD
DRAINLINE	FD
FOUNDATION DRAIN	FD
INVERT	INV=100.00
RIM	R=100.00
ROOF DRAIN	RD
WATER SERVICE	WS
WATER SHUT OFF	WS
WELL	W

ABBREVIATIONS	
ACRES	AC
BITUMINOUS CONCRETE	BIT. CONC.
CONCRETE	CONC.
DIAMETER	DIA.
FOUND	FND
LINEAR FEET	L.F.
MAINTAIN AND PROTECT	M&P
NOT TO SCALE	N.T.S.
NOW OR FORMERLY	N/F
PLUS OR MINUS	±
SQUARE FEET	S.F.
REMOVE AND DISPOSE	R&D
REMOVE AND REPLACE	R&R



- GENERAL NOTES & REFERENCES:
1. THE SUBJECT PARCEL IS ASSESSOR'S MAP 89 PARCEL 51 AND LIES WITHIN THE S-1 ZONING DISTRICT.
  2. EXISTING CONDITIONS INFORMATION SHOWN IS A RESULT OF ON-THE-GROUND TOPOGRAPHIC AND BOUNDARY SURVEY PERFORMED BY NEW ENGLAND LAND SURVEY, INC., IN JULY 2020. ADDITIONAL INFORMATION TAKEN FROM RECORDED PLAN ENTITLED "PLAN OF LAND IN THE TOWN OF MILLBURY, MA LOCAL 10 41 28 DAVIS ROAD", OWNED BY ANTONETTE ERWIN, RECORDED AT THE WORCESTER DISTRICT REGISTRY OF DEEDS PLAN BOOK 856, PLAN 102. SUPPLEMENTAL EXISTING TOPOGRAPHIC INFORMATION WAS COMPILED FROM 2015 USGS LIDAR: MAINE & MASSACHUSETTS Q11 & Q12 VIA NOAA DATA ACCESS VIEWER.
  3. EXISTING VEGETATED WETLANDS FLAGGED ON SITE BY ROBERT G. MURPHY & ASSOCIATES, AS NOTED ON RECORDED PLAN.
  4. THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES PRESENT AT THE SITE THAT ARE NOT DEPICTED HEREON. BEFORE COMMENCING SITE WORK, CONTRACTOR SHALL CALL "DIG SAFE" AT 1-888-344-7233 TO ACCURATELY LOCATE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY APPROPRIATE UTILITY DEPARTMENTS / COMPANIES OF ANY UTILITIES DAMAGED DURING CONSTRUCTION. ANY COSTS RELATED TO THE REPAIR OF UTILITIES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE PERFORMED UNTIL ALL UTILITY COMPANIES HAVE BEEN NOTIFIED.
  5. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON THE GROUND AND REPORT ANY DISCREPANCIES TO THE PROJECT ENGINEER.
  6. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING.
  7. EXISTING PROPERTY LINE MONUMENTATION SHALL BE PROTECTED DURING CONSTRUCTION. ANY MONUMENTATION DISTURBED DURING CONSTRUCTION OR ANY PROPOSED MONUMENTATION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
  8. SYMBOLS OF PROJECT FEATURES DEPICTED IN THESE DRAWINGS ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURER'S SPECIFICATIONS, SHOP DRAWINGS AND FIELD MEASUREMENTS FOR ACCURATE INFORMATION.
  9. SEE C-102 FOR ADDITIONAL NOTES.



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Project Applicant:  
**Leanne W. Maloney**  
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Project Title:  
**26 Davis Road**  
Millbury, Ma  
(Worcester County)

Sheet Title:  
**SITE PLAN**

Local Permitting

2	10/28/2020	Town and Peer Review Comments
3	9/23/2020	Grading Near Outbuilding

No: Date: Revision | Issue:

Drawn By: CMP Checked By: MJS  
Date: 9/14/2020 Project No: 20-0048

0 5 10 20 40 60  
Scale: 1" = 20'

Sheet No. **C-101**

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1. THIS PROJECT DISBURSES MORE THAN ONE ACRE OF LAND AND IS WITHIN THE NPDES CONSTRUCTION GENERAL PERMIT (CGP) AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA) JURISDICTION. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS TO SUBMIT A NOTICE OF INTENT WITH THE EPA AND SECURE AND COMPLY WITH THE CGG IN ACCORDANCE WITH THE NPDES REGULATIONS.
2. A MINIMUM OF SEVENTY-TWO (72) HOURS BEFORE COMMENCING SITE WORK, CONTRACTOR SHALL CALL "DIE SAFE" AT 1-888-344-7523 (PER 220 CMR 9.09), MUNICIPAL UTILITY DEPARTMENTS, AND UTILITY DISTRICTS TO ACCURATELY LOCATE UNDERGROUND UTILITIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION NOTIFICATION AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS. THE CONTRACTOR SHALL PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE WORK AND COORDINATE WITH THE PROJECT ARCHITECT AND ENGINEER AS NECESSARY.
4. THE CONTRACTOR SHALL OBTAIN PERMIT(S) FOR TRENCH EXCAVATION (PER 520 CMR 14).
5. ALL ITEMS NOTED FOR REMOVAL AND DISPOSAL, AS WELL AS THOSE ITEMS DISCOVERED DURING EXCAVATION THAT REQUIRE REMOVAL AND REPLACEMENT, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND MUST EITHER BE RECYCLED OR DISPOSED OF OFF SITE APPROPRIATELY. REGULATION 610 CMR 7.18 & 19 AND 453 CMR 6.0, CONTRACTOR IS RESPONSIBLE FOR OBTAINING NECESSARY PERMITS FOR DEMOLITION, HAULING AND DISPOSING OF SITE MATERIALS.
6. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO ENGINEER OF RECORD PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY, JOB SAFETY AND CONSTRUCTION MEANS AND METHODS. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND STATE AND LOCAL REQUIREMENTS.
8. REFUELING OF CONSTRUCTION VEHICLES AND EQUIPMENT SHALL NOT BE CONDUCTED IN PROXIMITY TO CATCH BASINS, STORMWATER BASINS OR WETLAND RESOURCES.
9. ANY ALTERATIONS MADE IN THE FIELD TO THE WORK SHOWN ON THESE DRAWINGS SHALL BE RECORDED BY THE CONTRACTOR ON RECORD DOCUMENTS.
10. THE CONTRACTOR SHALL NOTIFY APPROPRIATE UTILITY COMPANIES OF ANY UTILITIES DAMAGED DURING CONSTRUCTION. ANY COSTS RELATED TO THE REPAIR OF UTILITIES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
11. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND MAINTAINING RECORD AS-BUILT DRAWINGS OF ALL SUBSURFACE UTILITIES.
12. ANY AREA DISTURBED BY THE CONTRACTOR OUTSIDE THE LIMIT OF WORK SHALL BE RESTORED TO ITS ORIGINAL CONDITIONS AT NO COST TO THE OWNER.

1. PRIOR TO CONSTRUCTION A FENCE SHALL BE PLACED AROUND ALL TREES THAT ARE TO BE MAINTAINED AND PROTECTED. NO CONSTRUCTION ACTIVITY OR STOCKPILING OF MATERIAL SHALL BE ALLOWED WITHIN THE DRAINAGE OF THE EXISTING TREES THAT ARE TO REMAIN.
2. SITE ELEMENTS TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION.
3. PRIOR TO CONSTRUCTION AN EROSION CONTROL BARRIER (ECB) SHALL BE PROVIDED AT THE EDGE OF THE DEVELOPMENT AREA AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE ECB THROUGHOUT ALL PHASES OF CONSTRUCTION IN ORDER TO BE COMPLYING WITH ANY OTHER CONDITIONS ESTABLISHED BY THE MANAGEMENT PERMITTIVE ISSUED BY THE MILWAUKEE PLANNING BOARD AND ANY OTHER PERMIT(S) ISSUED FOR THE SITE.
4. THE CONTRACTOR SHALL TAKE SUFFICIENT PRECAUTIONS DURING CONSTRUCTION TO MINIMIZE THE RUNOFF OF POLLUTING SUBSTANCES SUCH AS SILT, CLAY, FUELS, OILS, BITUMENS, CALCIUM CHLORIDE OR OTHER POLLUTING MATERIALS HARMFUL TO HUMANS, FISH, OR OTHER LIFE, INTO WATER SUPPLIES AND SURFACE WATERS. SPECIAL PRECAUTIONS SHALL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT OPERATIONS WHICH PROMOTE EROSION.
5. AS CONSTRUCTION PROGRESSES AND SEASONAL CONDITIONS DICTATE, MORE SILTATION CONTROL FACILITIES MAY BE REQUIRED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADDRESS NEW CONDITIONS THAT MAY BE CREATED AND TO PROVIDE ADDITIONAL FACILITIES OVER THE ABOVE MINIMUM REQUIREMENTS AS MAY BE REQUIRED.
6. ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A DAILY BASIS DURING THE DURATION OF CONSTRUCTION TO INSURE THAT CHANNELS, DITCHES AND PIPES ARE CLEAR OF DEBRIS AND THAT EROSION CONTROL BARRIERS ARE INTACT. EROSION CONTROL BARRIERS SHALL BE CLEANED AND MAINTAINED AS REQUIRED TO ENSURE FUNCTIONALITY.
7. AN ANTI-TRACKING CONSTRUCTION ENTRANCE SHALL BE MAINTAINED AT ALL POINTS OF CONSTRUCTION ACCESS AND EGRESS TO PUBLIC RIGHTS-OF-WAY FOR THE DURATION OF CONSTRUCTION.
8. ANY SEDIMENT TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE SWEEPED AND CLEANED AT THE END OF EACH WORK DAY.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL, WHICH INCLUDES STREET SWEEPING OF ALL PAVED SURFACES WITHIN THE SITE AND OFF-SITE AREAS THAT ARE IMPACTED BY SITE CONSTRUCTION.
10. ALL TOPSOIL WITHIN THE LIMITS OF THE EXCAVATED AREAS SHALL BE STRIPED TO ITS FULL DEPTH AND STOCKPILED FOR REUSE AND SEGREGATED FROM SUBSURFACE SOIL MATERIAL. EXCESS TOPSOIL SHALL BE DISPOSED OF ON SITE AS DIRECTED BY THE PROJECT ENGINEER.
11. WITHIN THE LIMIT OF WORK TREES THAT ARE TO BE REMOVED MAY BE CUT BUT BRUSH AND STUMPS SHALL NOT BE REMOVED UNTIL ONE WEEK PRIOR TO THE START OF CONSTRUCTION. DISRUPTION OF THE EXISTING GROUND SURFACE SHALL BE MINIMIZED PRIOR TO THE START OF CONSTRUCTION.
12. EROSION CONTROL BLANKETS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS FOR AREAS REQUIRING SLOPE STABILIZATION AND SHALL BE LOADED, SEEDED AND FERTILIZED PRIOR TO THE PLACEMENT OF THE BLANKETS.
13. ALL DISTURBED AREAS SHALL BE LOADED AND SEEDED OR MULCHED AS SOON AS PRACTICABLE.

4. THE CONTRACTOR SHALL CONFIRM THE SIZE AND DISPOSITION OF ALL UTILITIES TO SITE AND COORDINATE WITH RESPECTIVE UTILITY COMPANIES REGARDING ANY UTILITIES THAT REQUIRE REMOVAL OR RELOCATION. NO EXCAVATION SHALL BE PERFORMED UNTIL ALL UTILITY COMPANIES HAVE BEEN NOTIFIED.
5. LOCATIONS OF UNDERGROUND UTILITIES SHOWN HEREON WERE DETERMINED FROM AVAILABLE RECORD PROVIDED BY UTILITY COMPANIES AND ARE APPROXIMATE AND ASSUMED. THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES THAT ARE NOT DETECTED HEREON. NO WARRANTY IS EXPRESSED OR IMPLIED AS TO THE ACCURACY OF SURFACE UTILITY LOCATIONS OR DISPOSITION, UNLESS OTHERWISE NOTED ON THE PLAN.
6. CONTRACTOR SHALL CONFIRM DEPTHS OF PERTINENT UTILITIES BY TEST PIT AND NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES.
7. THE CONTRACTOR SHALL VERIFY EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE PROJECT SUPERVISOR AND ENGINEER.
8. PROVIDE GRIBBING TO PROTECT UTILITY LINES DURING CONSTRUCTION AS NECESSARY.
9. WATER SERVICES TO BE PRESURE RATED PE OR COPPER AS REQUIRED AND APPROVED BY DPW. PROVIDE FIVE (5) FEET MINIMUM COVER ON ALL WATER SERVICES.
10. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION OF GAS, ELECTRIC, TELECOMMUNICATIONS AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES AS REQUIRED. WORK IN CONNECTION WITH OR IN 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 OWNER AND PROJECT ENGINEER FOR REFERENCE ONLY.
11. PROPOSED GAS, ELECTRIC, TELECOMMUNICATIONS AND CABLE TV DETECTED IS SCHEMATIC ONLY. CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANY FOR FINAL PLANS AND SPECIFICATIONS.
12. ALL UTILITY COVERS, GRATES, HATCHES, ETC., SHALL BE FLUSH WITH THE PAVEMENT FINISHED GRADE.
13. FINAL GRADES SHALL BE PITCHED EVENLY BETWEEN SPOT ELEVATIONS AND ALL AREAS SHALL BE GRADED TO DRAIN WITH NO PUDDINGS OR PONDING.
14. THE CONTRACTOR SHALL SCHEDULE THE WORK TO ALLOW THE FINISHED SUBGRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT RUDDING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED SIDEWALKS MAY RETAIN RUNOFF PRIOR TO APPLICATION OF THE FINISH SUBGRADE AND/OR ASPHALT PAVING. PROVIDE TEMPORARY POSITIVE DRAINAGE AS REQUIRED.
15. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS AND STRUCTURES.
16. ALL DISTURBED AREAS SHALL BE LOADED TO A SIX (6) INCH DEPTH AND SEEDED WITH SUITABLE GRASS SEED MIX UNLESS OTHERWISE SPECIFIED ON THE PLAN.

1. TURF REINFORCEMENT MAT (TRM) TO BE LANDLOK 450, PYRAMAT 25 OR ADS OUTFLOW MAT.
2. TO BE INSTALLED PER MANUFACTURES SPECIFICATIONS.
3. OVERLAP AT ROLL START/END SHALL BE SUCH THAT UPHILL SECTION (END) SHALL BE LAID OVER THE DOWNHILL (START) ROLL.



1. STEEL POST MAY BE SUBSTITUTED/ DISTANCE BETWEEN POSTS TO VARY AS REQUIRED BY TRIBUTARY AREA: 10' FOR 100 SF/LF FENCE  
6' FOR 500 SF/LF FENCE
2. DEPTH TO VARY WITH TRIBUTARY AREA: 2' FOR 100 SF. IF POST IS TO BE SET IN PEAT OR UNSTABLE SOILS, THEN 3' OR DEPTH NECESSARY TO PROVIDE A STABLE POST FOR LOADED FENCE CONDITIONS



1. SHALL BE IN ACCORDANCE WITH THE COMMONWEALTH OF MASSACHUSETTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, LATEST EDITION.

SECTION

HMA SURFACE COURSE [MASSDOT M3.11.0]

HMA BINDER COURSE [MASSDOT M3.11.0]

GRAVEL BASE, INSTALLED AND COMPACTED IN FOUR (4) INCH LIFTS [MASSDOT M1.03.0 TYPE B]

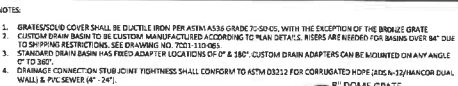
COMPACTED SUITABLE SUBGRADE

32 10 00 N.T.S.

1. SLOPES OVER TEN (10) FEET IN HEIGHT SHALL BE TEMPORARILY "TERRACED" WHEN SITE IS ROUGH GRADED.
2. SLOPES SHALL BE "TERRACED" WHEN SPREADING LOAM FOR FINAL STABILIZATION.



33 42 41 N.T.S.



34231 NTS



1. TEE AND FIRST 2 FEET ON EACH SIDE SHALL BE SOLID CPE (TYPE C). REMAINDER OF PIPE SHALL BE PERFORATED CPE (TYPE CP). SOLID CAPS SHALL BE USED ON EACH END.
2. BOARDS SHALL BE PRESSURE TREATED FOR SEVERE WEATHER AND GROUND CONTACT.
3. ANCHOR WITH FOUR FOOT LONG W5 REBAR ON DOWN HILL SIDE. REBAR SHALL BE DRIVEN AT 4 FOOT SPACING STARTING AT ONE END.



33 40 00



STORMTECH SC 510 CHAMBER



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Project Applicant:  
Leanne W. Maloney

Object Title:  
26 Davis Road  
Millbury, Ma  
(Worcester County)

Sheet Title: SITE DETAILS

### Local Permitting



10/28/2020	Town and Peer Review Comments	
9/23/2020	Grading Near Outbuilding	
Date:	Revision   Issue:	
Drawn By:	Checked By:	
Date: 9/14/2020	Project No.:	20-0048

Sheet No.: \_\_\_\_\_

C-102



