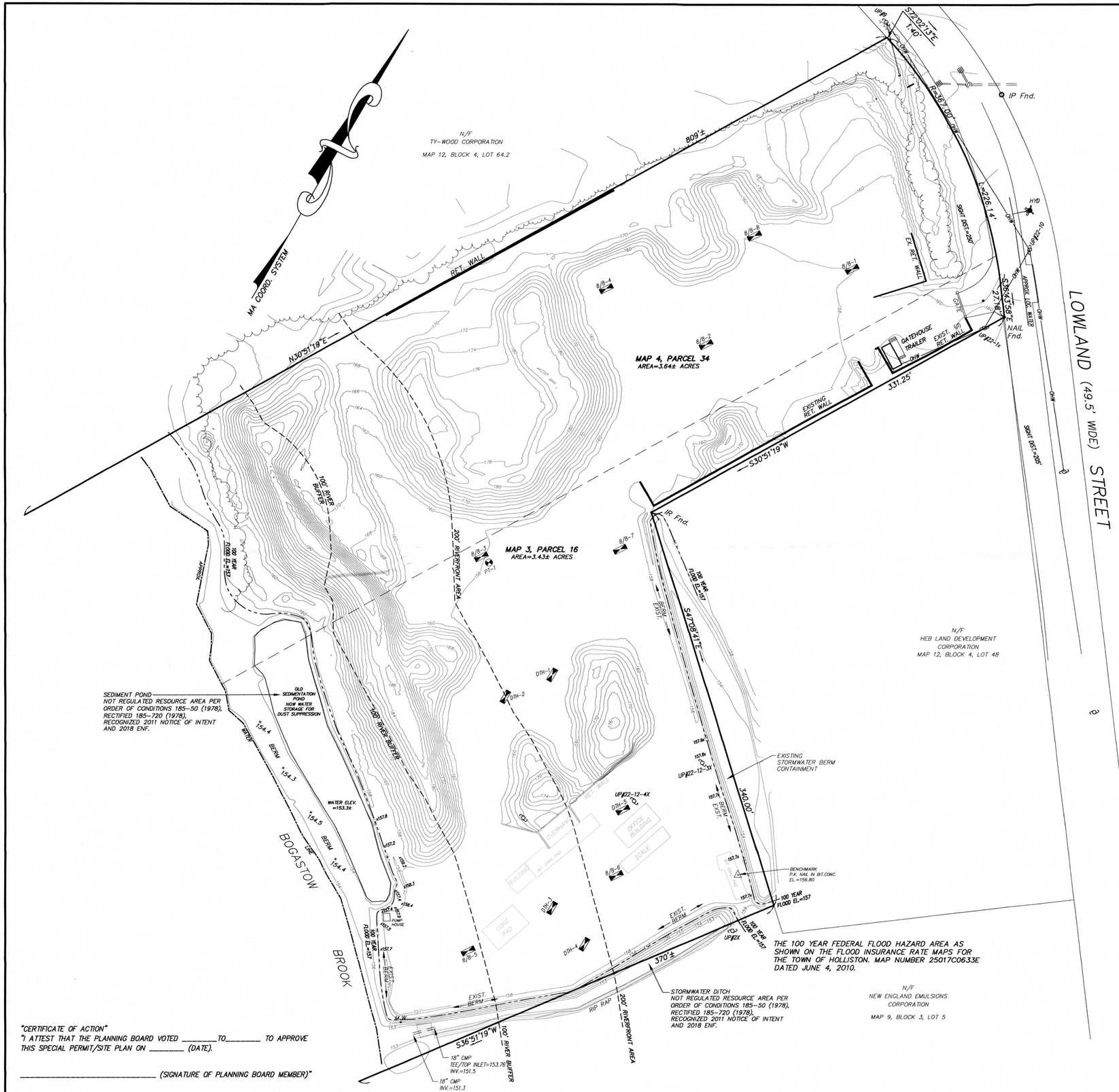


"CERTIFICATE OF ACTION"
"I ATTEST THAT THE PLANNING BOARD VOTED _____TO_____ TO APPROVE THIS SPECIAL PERMIT/SITE PLAN ON _____ (DATE).

_____ (SIGNATURE OF PLANNING BOARD MEMBER)"

LOCUS MAP: 1"=400'

GRAPHIC SCALE: 1"=40'

0 10 20 30 40 50 75 100 150 200 FEET
0 5 10 15 20 30 40 50 60 METERS

GENERAL NOTES:

1. OWNERS OF ADJOINING PROPERTIES ARE SHOWN ACCORDING TO CURRENT TOWN OF HOLLISTON ASSESSORS RECORDS.

2. THIS PLAN IS BASED ON AN AERIAL SURVEY BY CIVIL DESIGN CONSULTANTS INC. PERFORMED IN JANUARY, 2022.

3. LEGAL STATUS OF EASEMENTS AND WAYS, NOT DETERMINED BY THIS SURVEY.

4. 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 ASPHAULT 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

COMMONWEALTH OF MASSACHUSETTS
VAROUJAN H. HAGOPIAN
No. 49455
PROFESSIONAL LAND SURVEYOR

COMMONWEALTH OF MASSACHUSETTS
VITO COLONNA
No. 47635
PROFESSIONAL ENGINEER

11-23-22

DIG SAFE 1-888-344-7233

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

11/23/2022	REVIEW COMMENTS
10/14/2022	REVIEW COMMENTS
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

CONSTRUCTION NOTES:

1. 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.

2. 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.

3. ALL MATERIALS AND CONSTRUCTION PRACTICES SHALL BE IN CONFORMANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE HOLLISTON 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.

4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, TO KEEP ACCURATE AS-BUILT MEASUREMENTS / RECORDS OF ALL UNDERGROUND OR CONCEALED WORK.

5. THE LAYOUT AND INSTALLATION OF ELECTRIC, GAS, TELEPHONE AND CATV UTILITY CONNECTIONS AND SERVICES SHALL IN ACCORDANCE WITH THE REQUIREMENTS OF THE RESPECTIVE UTILITY.

6. 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.

7. 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.

8. 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.

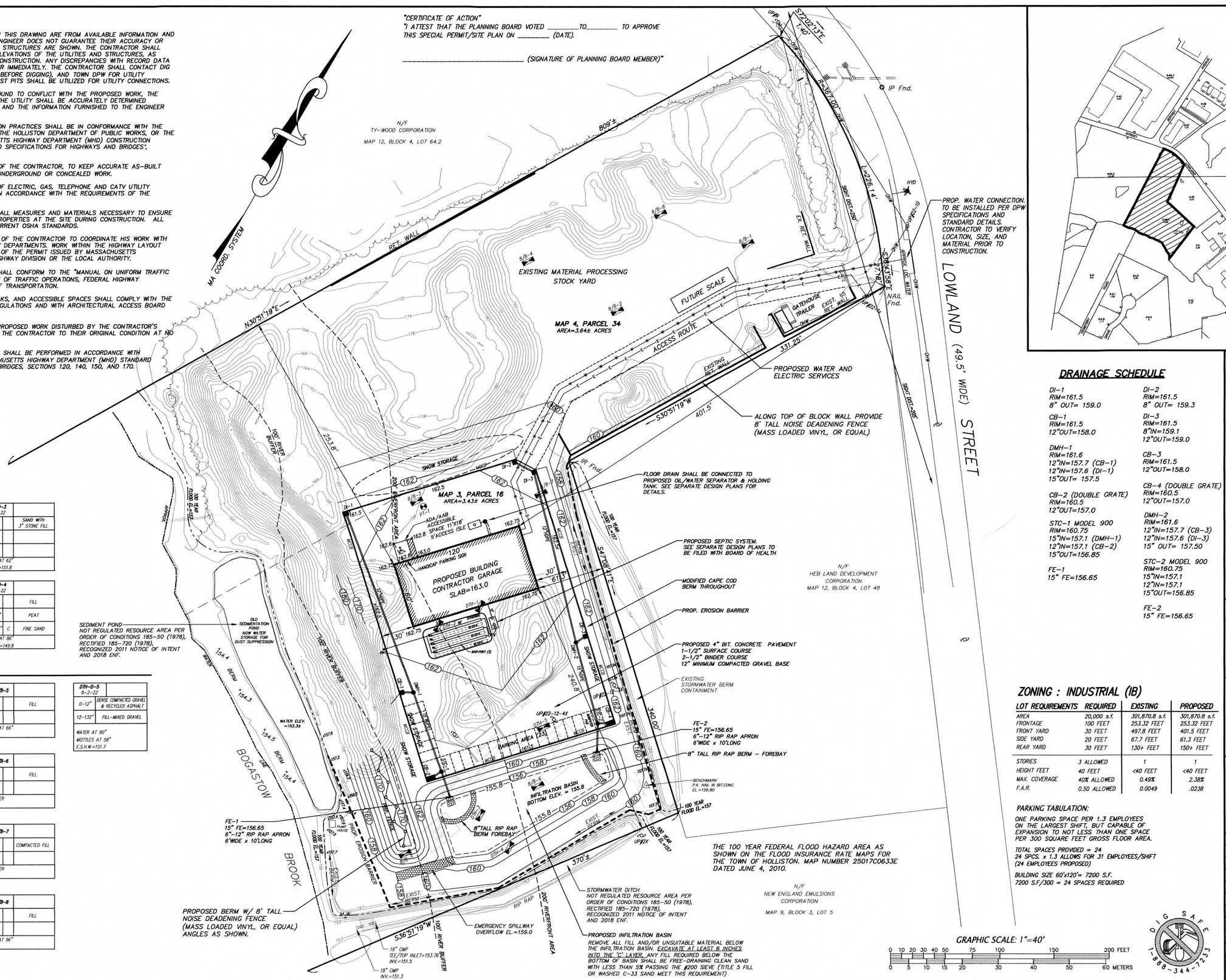
9. ALL RAMPS, CURB CUTS, SIDEWALKS, AND ACCESSIBLE SPACES SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT REGULATIONS AND WITH ARCHITECTURAL ACCESS BOARD REGULATIONS (521 CMR 1-47).

10. 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.

11. 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.

"CERTIFICATE OF ACTION"
"I ATTEST THAT THE PLANNING BOARD VOTED _____TO_____ TO APPROVE THIS SPECIAL PERMIT/SITE PLAN ON _____ (DATE).

_____ (SIGNATURE OF PLANNING BOARD MEMBER)"



LOCUS MAP: 1"=400'

DRAINAGE SCHEDULE

DI-1
RIM=161.5
8" OUT= 159.0

CB-1
RIM=161.5
12"OUT=158.0

DMH-1
RIM=161.6
12"IN=157.7 (CB-1)
12"IN=157.6 (DI-1)
15"OUT= 157.5

CB-2 (DOUBLE GRATE)
RIM=160.5
12"OUT=157.0

STC-1 MODEL 900
RIM=160.75
15"IN=157.1 (DMH-1)
12"IN=157.1 (CB-2)
15"OUT=156.85

FE-1
15" FE=156.65

DI-2
RIM=161.5
8" OUT= 159.3

DI-3
RIM=161.5
8"IN=159.1
12"OUT=159.0

CB-3
RIM=161.5
12"OUT=158.0

CB-4 (DOUBLE GRATE)
RIM=160.5
12"OUT=157.0

DMH-2
RIM=161.6
12"IN=157.7 (CB-3)
12"IN=157.6 (DI-3)
15" OUT= 157.50

STC-2 MODEL 900
RIM=160.75
15"IN=157.1
12"IN=157.1
15"OUT=156.85

FE-2
15" FE=156.65

SOIL LOGS

DTH-1 1-11-22		
0-156"		FILL
156-210"	C	MEDIUM SAND
WATER AT 73" E.S.H.W.=150.7		

DTH-2 1-11-22		
0-102"		FILL
102-138"		PEAT
138-218"	C	LOAMY SAND
WATER AT 57" E.S.H.W.=152.25		

DTH-3 1-11-22		
0-120"		SAND WITH 3" STONE FILL
WATER AT 62" E.S.H.W.=151.8		

DTH-4 1-11-22		
0-86"		FILL
86-110"		PEAT
110-140"	C	FINE SAND
WATER AT 86" E.S.H.W.=149.8		

TESTING PERFORMED BY CONNORSTONE ENGINEERING, INC., WITNESSED BY S. MOLES, B.O.H.

DTH-B/B-1		
0-84"		FILL
84-120"		SANDY LOAM
WATER AT 108"		

DTH-B/B-2		
0-108"		FILL
108-144"		SANDY LOAM
WATER AT 78"		

DTH-B/B-3		
0-132"		FILL
WATER AT 123"		

DTH-B/B-4		
0-96"		SANDY FILL
WATER AT 66"		

DTH-B/B-5		
0-66"		FILL
WATER AT 66"		

DTH-B/B-6		
0-132"		FILL
NO WATER		

DTH-B/B-7		
0-132"		COMPACTED FILL
NO WATER		

DTH-B/B-8		
0-96"		FILL
WATER AT 96"		

DTH-D-5 8-2-22	
0-12"	DENSE COMPACTED GRAVEL & RECYCLED ASPHALT
12-132"	FILL-MIXED GRAVEL
WATER AT 90" MOTTLES AT 58" E.S.H.W.=151.7	

TESTING PERFORMED BY CONNORSTONE ENGINEERING, INC., (UNWITNESSED)

ZONING : INDUSTRIAL (IB)

LOT REQUIREMENTS	REQUIRED	EXISTING	PROPOSED
AREA	20,000 s.f.	301,870.8 s.f.	301,870.8 s.f.
FRONTAGE	100 FEET	253.32 FEET	253.32 FEET
FRONT YARD	30 FEET	497.8 FEET	401.5 FEET
SIDE YARD	20 FEET	67.7 FEET	61.3 FEET
REAR YARD	30 FEET	130+ FEET	150+ FEET
STORIES	3 ALLOWED	1	1
HEIGHT FEET	40 FEET	<40 FEET	<40 FEET
MAX. COVERAGE	40% ALLOWED	0.49%	2.38%
F.A.R.	0.50 ALLOWED	0.0049	.0238

PARKING TABULATION:

ONE PARKING SPACE PER 1.3 EMPLOYEES ON THE LARGEST SHIFT, BUT CAPABLE OF EXPANSION TO NOT LESS THAN ONE SPACE PER 300 SQUARE FEET GROSS FLOOR AREA.

TOTAL SPACES PROVIDED = 24
24 SPCS. x 1.3 ALLOWS FOR 31 EMPLOYEES/SHIFT (24 EMPLOYEES PROPOSED)

BUILDING SIZE 60'x120'= 7200 S.F.
7200 S.F/300 = 24 SPACES REQUIRED

GENERAL NOTES:

1. OWNERS OF ADJOINING PROPERTIES ARE SHOWN ACCORDING TO CURRENT TOWN OF HOLLISTON ASSESSORS RECORDS.

2. THIS PLAN IS BASED ON AN AERIAL SURVEY BY CIVIL DESIGN CONSULTANTS INC. PERFORMED IN JANUARY, 2022.

3. LEGAL STATUS OF EASEMENTS AND WAYS, NOT DETERMINED BY THIS SURVEY.

4. HORIZONTAL DATUM IS NAD 83, AND VERTICAL DATUM IS NAVD 1988.

5. SIGHT DISTANCES BASED UPON FIELD CONDITIONS MEASURED ON SEPT. 28, 2022.

COMMONWEALTH OF MASSACHUSETTS
VITO COLONNA No. 47635
PROFESSIONAL ENGINEER
11-29-22

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

HOLLISTON, MA

11/23/2022	REVIEW COMMENTS
10/14/2022	REVIEW COMMENTS
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

DIG SAFE 1-888-344-7233

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:

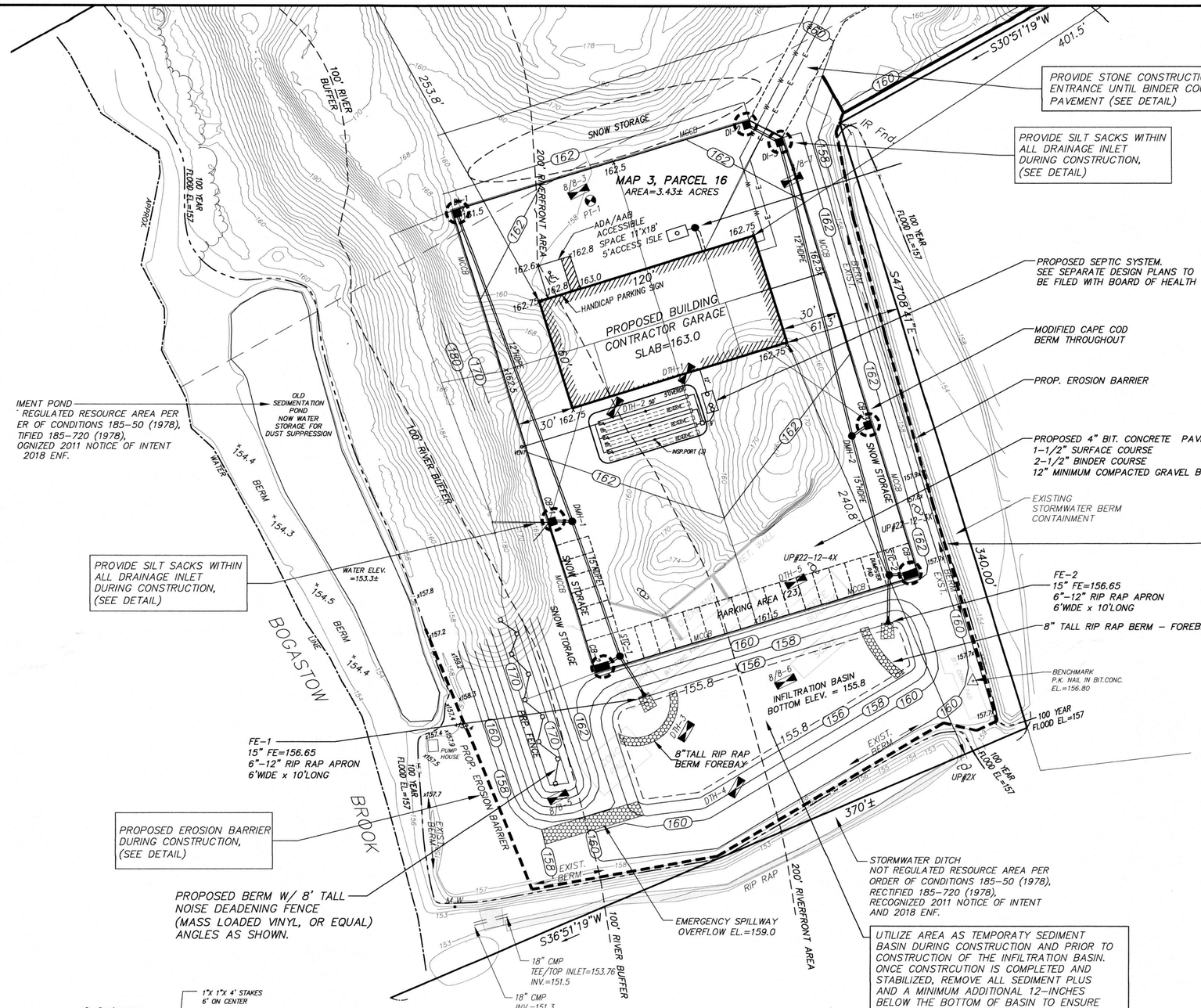
- PRIOR TO INITIATING ANY CONSTRUCTION, ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND DETAIL DRAWINGS.

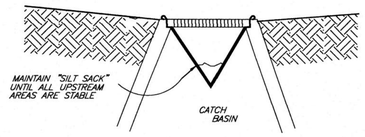
INSPECTION / MAINTENANCE SCHEDULE:

- 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 SWEPT 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.

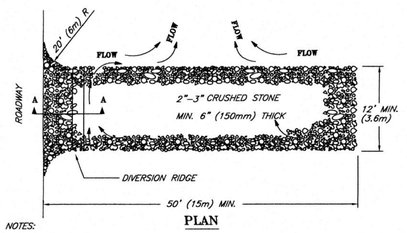




NOTES:
1. SILT SACKS ARE TO BE INSPECTED WEEKLY DURING CONSTRUCTION AND IMMEDIATELY AFTER STORM EVENTS.
2. IF SILT SACKS ARE MORE THAN 1/3RD FULL, THEY SHALL BE EMPTIED IMMEDIATELY. CAPTURES SILT SHALL BE RETAINED ON SITE AND REUSED.

SILT SACK OR EQUAL
SEDIMENT CONTAINMENT SYSTEM
NOT TO SCALE

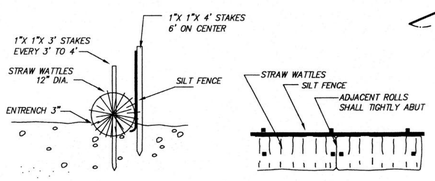
SECTION A - A



PLAN

NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT



CROSS SECTION PLAN VIEW

NOTES:
1. 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.
2. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFATURERS RECOMMENDATIONS.

STRAW WATTLES AND SILT FENCE DETAIL
NOT TO SCALE

"CERTIFICATE OF ACTION"
"I ATTEST THAT THE PLANNING BOARD VOTED _____TO_____ TO APPROVE THIS SPECIAL PERMIT/SITE PLAN ON _____ (DATE).

_____ (SIGNATURE OF PLANNING BOARD MEMBER)"

GRAPHIC SCALE: 1"=30'

0 10 20 30 40 50 75 100 125 150 FEET
0 5 10 15 20 25 30 35 40 45 METERS

DIG SAFE 1-888-344-7233

COMMONWEALTH OF MASSACHUSETTS
VITO COLONNA No. 47635
REGISTERED PROFESSIONAL ENGINEER

PREPARED FOR:

MASTER PAVING CORP. &
MIDDLESEX ASPHAULT SERVICES, INC.

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

11/23/2022	REVIEW COMMENTS
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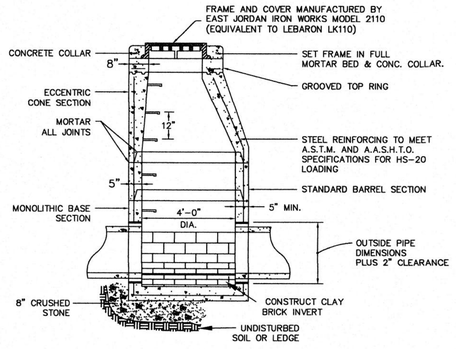
DRAWN BY: REM	CHECK BY: VC
DATE: APRIL 7, 2022	
SCALE: 1"=30'	SHEET 3 OF 4.

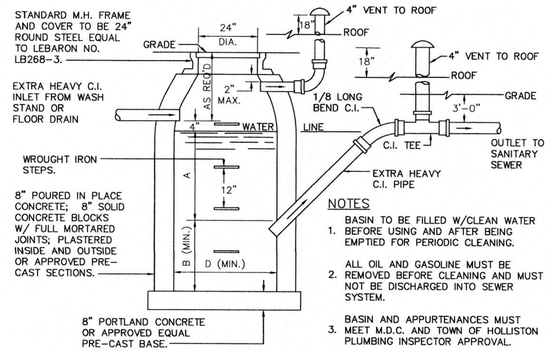
EROSION CONTROL PLAN



ALL CONCRETE DRAINAGE PIPES AND STRUCTURES TO HAVE FULL MORTARED JOINTS.

PRECAST CONCRETE DRAIN MANHOLE

NOT TO SCALE



NOTES

1. BASIN TO BE FILLED W/CLEAN WATER BEFORE USING AND AFTER BEING EMPTIED FOR PERIODIC CLEANING.
2. ALL OIL AND GASOLINE MUST BE REMOVED BEFORE CLEANING AND MUST NOT BE DISCHARGED INTO SEWER SYSTEM.
3. BASIN AND APPURTENANCES MUST MEET M.D.C. AND TOWN OF HOLLISTON PLUMBING INSPECTOR APPROVAL.

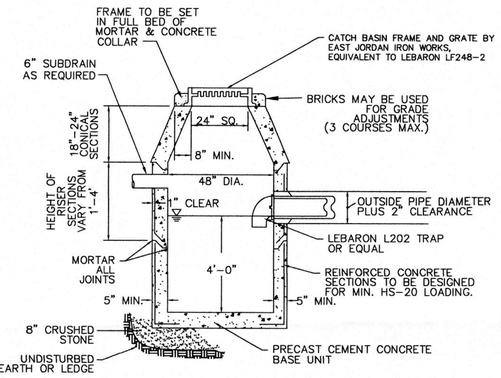
INLET	D	A	B
4"	4'-0" 3'-6"ø	2'-3" 3'-0"	1'-11" 2'-6"
5"	3'-6"ø 3'-6"x3'-6" 4'-0"ø 4'-0"x4'-0" 4'-6"ø	5'-0" 4'-0" 3'-6" 3'-0" 3'-0"	4'-0" 3'-0" 3'-0" 2'-6" 2'-6"
6"	4'-0"ø 4'-0"x4'-0" 4'-6"ø 4'-6"x4'-6" 5'-0"ø 5'-0"x5'-0"	5'-0" 4'-0" 4'-0" 3'-6" 3'-6" 3'-0"	4'-6" 3'-6" 3'-6" 3'-0" 3'-0" 2'-6"
8"	5'-0"ø 5'-6x5'-6" 6'-0"ø 6'-0"x6'-0" 6'-6"ø 6'-6"x6'-6"	6'-0" 4'-6" 4'-0" 3'-0" 3'-6" 3'-0"	5'-0" 4'-0" 3'-6" 2'-6" 3'-0" 2'-6"

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

CIRCULAR BASINS ARE RECOMMENDED.

STANDARD M.D.C. CATCH BASIN & GASOLINE TRAP DETAILS

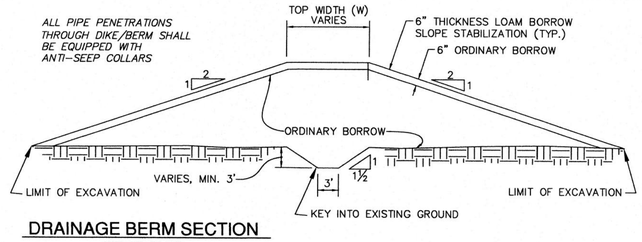
NOT TO SCALE



ALL CONCRETE DRAINAGE PIPES AND STRUCTURES TO HAVE FULL MORTARED JOINTS.

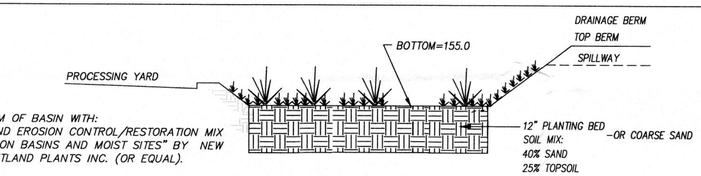
PRECAST CONCRETE CATCH BASIN

NOT TO SCALE



DRAINAGE BERM SECTION

NOT TO SCALE

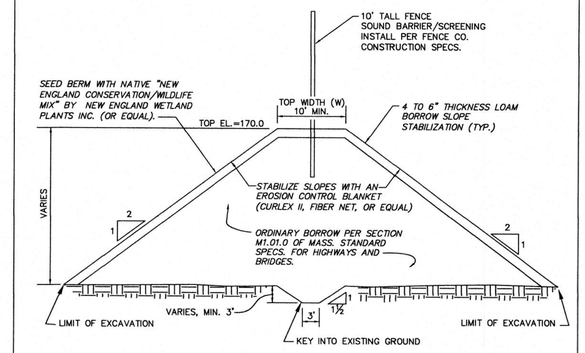


SEED BOTTOM OF BASIN WITH:
"NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES" BY NEW ENGLAND WETLAND PLANTS INC. (OR EQUAL).

REMOVE ALL FILL AND/OR UNSUITABLE MATERIAL BELOW THE INFILTRATION BASIN. EXCAVATE AT LEAST 6 INCHES INTO THE "C" LAYER. ANY FILL REQUIRED BELOW THE BOTTOM OF BASIN SHALL BE FREE-DRAINING CLEAN SAND WITH LESS THAN 5% PASSING THE #200 SIEVE (TITLE 5 FILL OR WASHED C-33 SAND MEET THIS REQUIREMENT)

INFILTRATION BASIN DETAIL

NOT TO SCALE



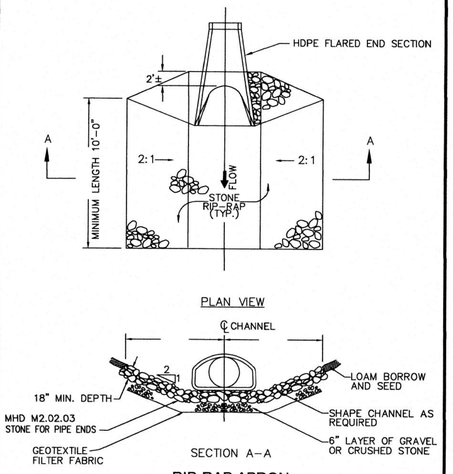
SOUND BARRIER - SCREENING BERM SECTION

NOT TO SCALE

NOTES:
EMBANKMENT CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH MASSDOT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, SECTIONS 150.

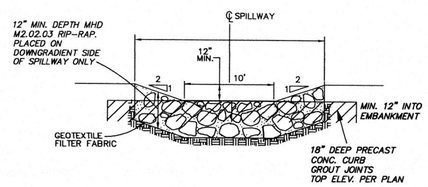
PRIOR TO PLACEMENT OF FILL, AREAS UNDER EMBANKMENTS SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL, SUBSOIL, AND ANY UNSUITABLE MATERIALS.

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 FACE. LAYERS SHALL BE PLACED AND COMPACTED IN MAXIMUM 12 INCH LIFTS AND COMPACTED TO A MINIMUM OF 95% MAXIMUM DRY DENSITY.



RIP-RAP APRON

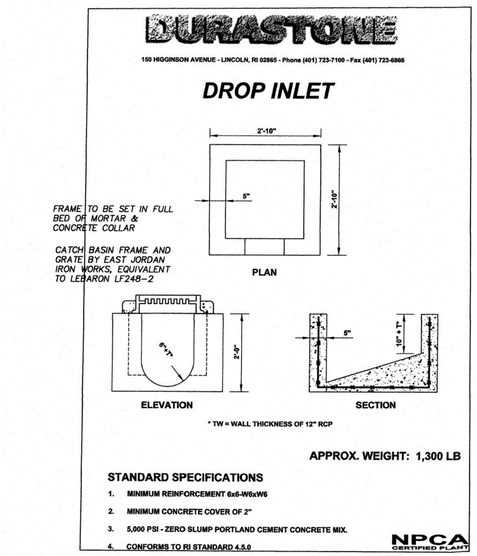
NOT TO SCALE

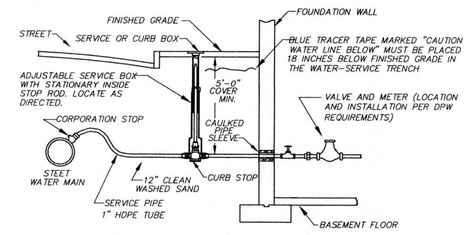


EMERGENCY SPILLWAY DETAIL

NOT TO SCALE

COMMONWEALTH OF MASSACHUSETTS
VITO COLONNA
No. 47635
PROFESSIONAL ENGINEER
11-8-22





NOTES:

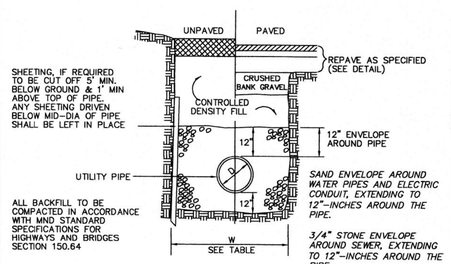
SERVICE PIPE SHALL BE HIGH DENSITY POLYETHYLENE (HDPE) COPPER TUBE SIZE FOR USE WITH COMPRESSION FITTINGS. THE SERVICE PIPE SHALL BE SCR-9, PRESSURE RATING 250 PSI AND SHALL MEET THE REQUIREMENTS OF AWWA C901, ASTM D2737. THE PIPE SHALL BE PE4710, AND SHALL BE NSF 14/61 APPROVED FOR USE FOR DRINKING WATER. THE PIPE SHALL BE AMERICAN MADE AND OF A MANUFACTURER APPROVED BY HWD.

ALL CONSTRUCTION METHODS AND MATERIALS INCLUDING CURB STOP, CORPORATION STOP, SERVICE PIPE, SERVICE BOX, VALVES, AND METER SHALL BE IN ACCORDANCE WITH THE TOWN OF HOLLISTON DPW STANDARDS AND SPECIFICATIONS.

TYPICAL WATER SERVICE CONNECTION

NOT TO SCALE

TRENCH WIDTH (W)		
D DIAMETER OF PIPE	W UNSHEETED	W SHEETED
TO 12"	3'	4'
14" TO 24"	4'	5'
30" TO 36"	5'	6'



TYPICAL TRENCH SECTION

NOT TO SCALE

"CERTIFICATE OF ACTION"
"I ATTEST THAT THE PLANNING BOARD VOTED _____ TO _____ TO APPROVE THIS SPECIAL PERMIT/SITE PLAN ON _____ (DATE).

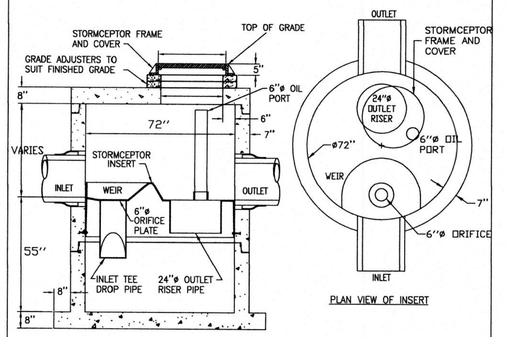
_____ (SIGNATURE OF PLANNING BOARD MEMBER)"

Hydro Conduit

STC 900 Precast Concrete Stormceptor
(900 US Gallon Capacity)

PROJECT:
LOCATION:

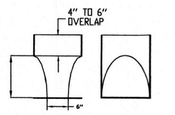
DR. BY: N. BALDWIN
CK. BY:
DATE: FEB. 13, 2001
SCALE: N.T.S.
DWG.#



SECTION THRU CHAMBER

PLAN VIEW OF INSERT

NOTE :
1. THE USE OF FLEXIBLE CONNECTIONS IS RECOMMENDED AT THE INLET AND OUTLET WHERE APPLICABLE.
2. THE COVER SHOULD BE POSITIONED OVER THE 24"ø OUTLET RISER PIPE AND THE 6"ø OIL PORT.
3. THE STORMCEPTOR SYSTEM IS PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: #4985148, #5498331, #5725760, #5753115, #5849181.



ENLARGED INLET TEE DROP PIPE

REV.	DESCRIPTION	BY	DATE

PREPARED FOR:

MASTER PAVING CORP. & MIDDLESEX ASPHAULT 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

11/23/2022	REVIEW COMMENTS
10/14/2022	REVIEW COMMENTS
6/2/2022	TOWN COMMENT
REVISED:	DESCRIPTION:
DRAWN BY: REM	CHECK BY: VC
DATE: APRIL 7, 2022	
SCALE: NONE	SHEET 4 OF 4.

CONSTRUCTION DETAILS