

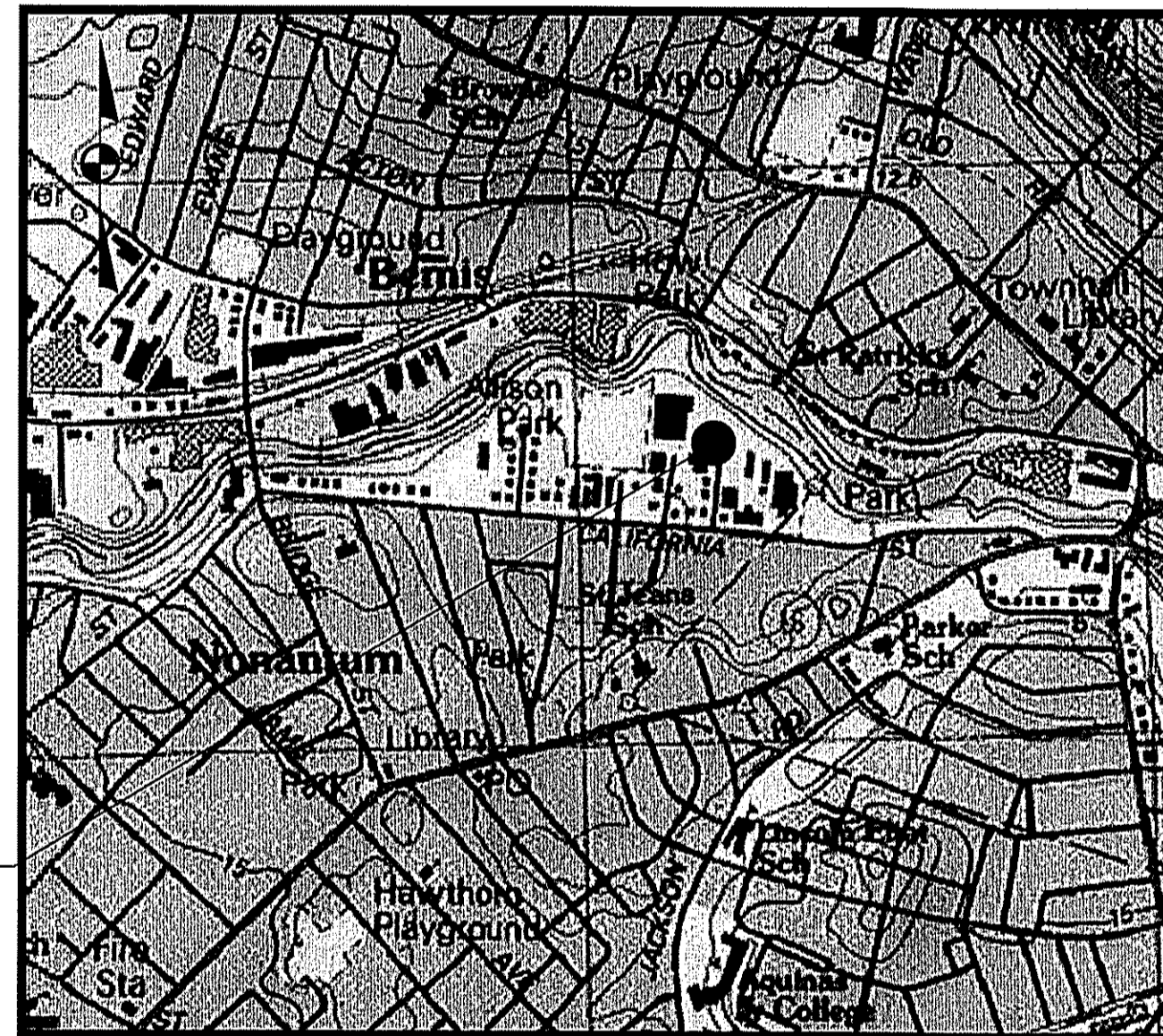
# Notice of Intent Approval Documents

February, 22, 2021

## Proposed Development

30 Riverdale Avenue  
Newton, Massachusetts 02459

PROJECT SITE



SCALE: 1"=1000' ±

**Applicant:**  
28-30 Riverdale LLC  
31 Whitmore Road  
Newton, MA 02465

**Owner:**  
28-30 Riverdale LLC  
31 Whitmore Road  
Newton, MA 02465

**Civil Engineer:**  
McCarty Engineering, Inc.  
42 Jungle Road  
Leominster, MA 01453  
(978) 534-1318

**Surveyor:**  
Tauper Land Survey, Inc.  
25 Sutton Avenue  
Oxford, MA 01540  
(508) 987-2266

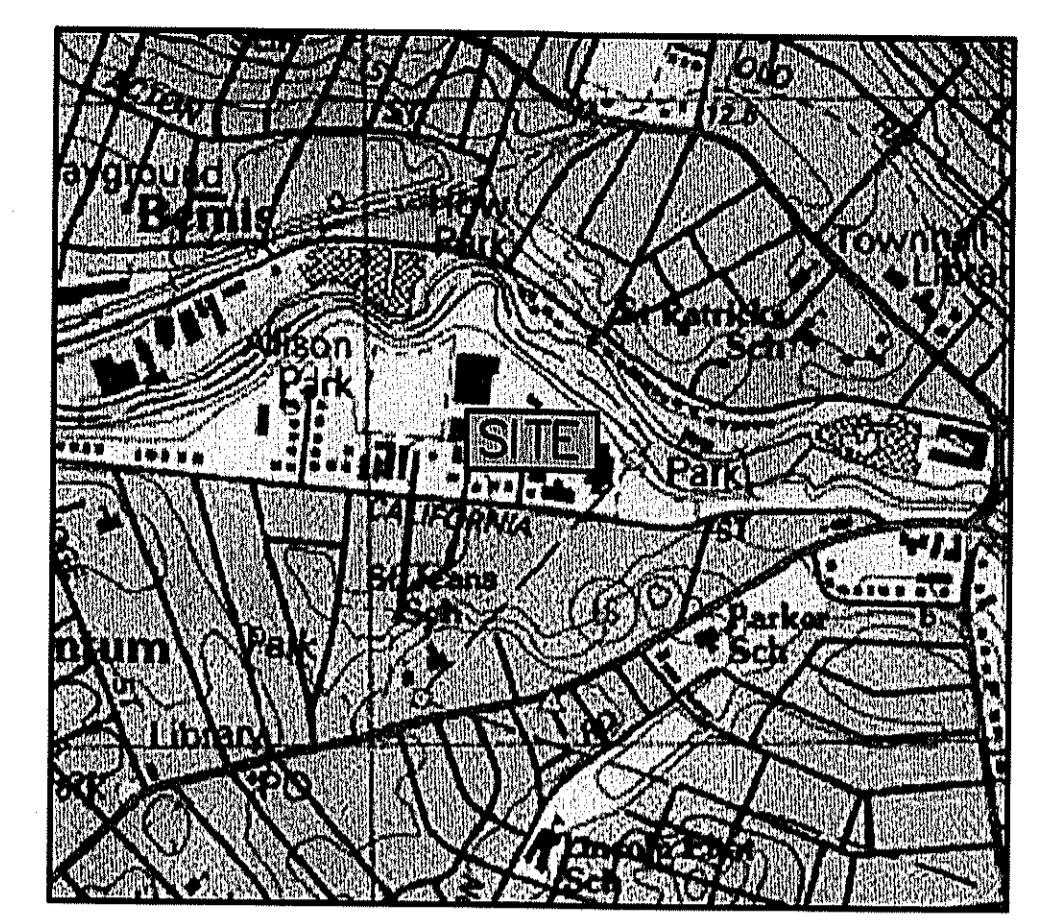
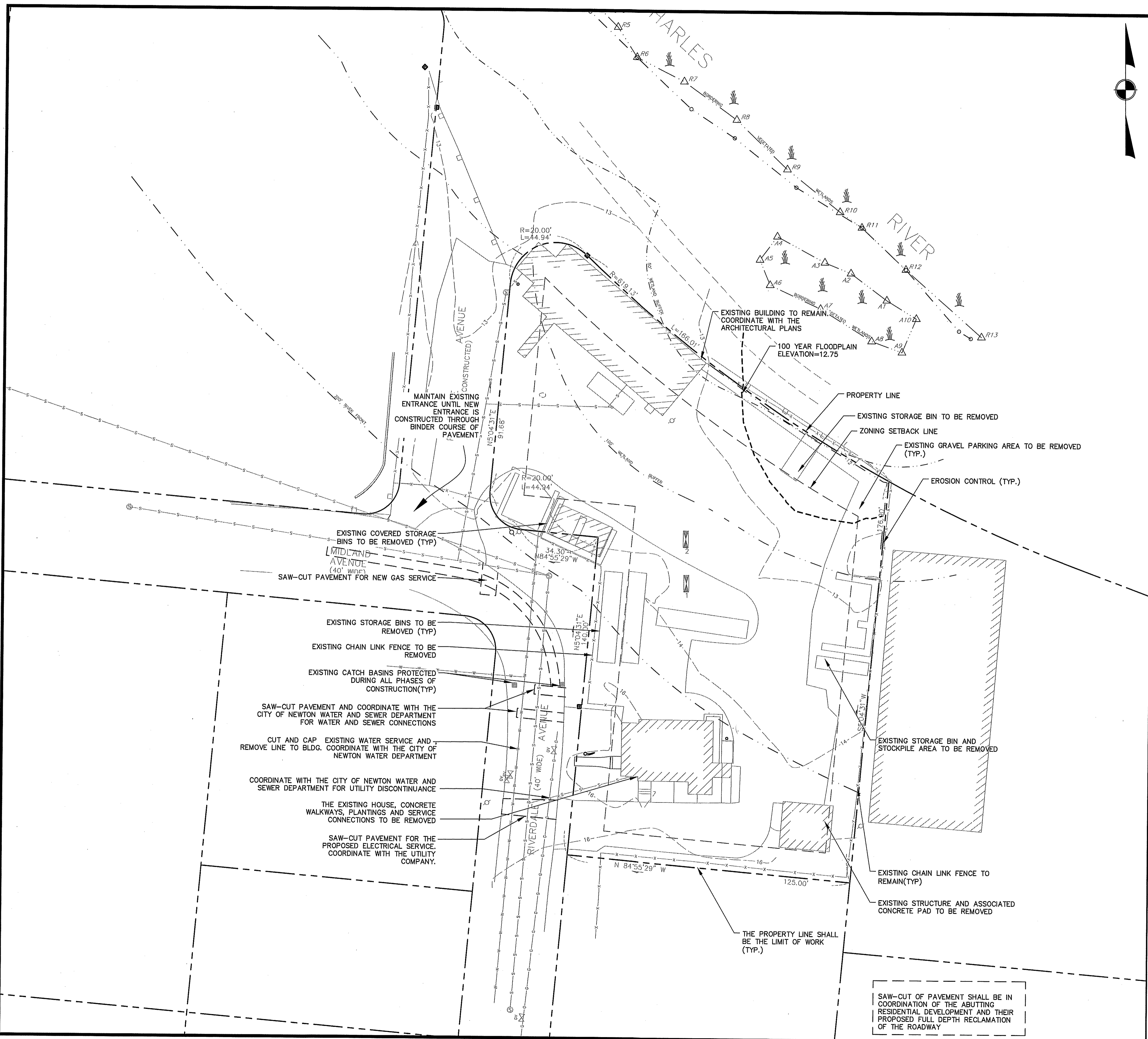
**Architect:**  
Goldman Reindorf Architects, Inc. (GRA)  
427 Watertown Street  
Newton, MA 02458  
(617) 467-3119

Sheet No.	Sheet Title
	Cover Sheet
1	Existing Conditions Plan
2	Existing Condition & Demolition Plan
3	Layout & Materials Plan
4	Grading, Drainage & Utility Plan
5	Landscape Plan
6	Construction Details
7	Construction Details
8	Stormtech Detail Sheet



*Handwritten signatures and date: 2/22/21*





**LOCUS PLAN**  
1"=1,000 FT.±

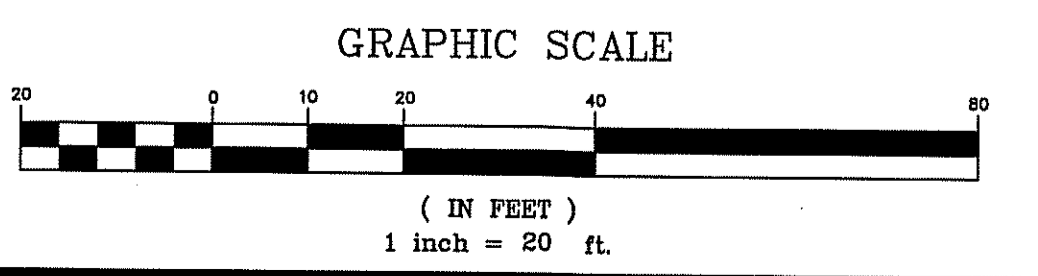
- NOTES:**
- EXISTING CONDITIONS INFORMATION SHOWN WAS RECEIVED ELECTRONICALLY FROM TAUPER LAND SURVEY, INC. 25 SUTTON AVENUE OXFORD, MA 01540 AND IS BASED ON AN ON-THE-GROUND SURVEY COMPLETED IN AUGUST 13, 2018.
  - THE ZONE AE AND ZONE X FLOOD LINES SHOWN WERE TAKEN FROM A SHAPE FILE PROVIDED BY MASS GIS "FEMA Q3 FLOOD ZONES". THE ACTUAL FLOOD LIMIT SHOWN IS BASED ON THE FLOOD INSURANCE RATE MAP NUMBER 25017C0552E, PANEL 552 OF 656, DATED JUNE 4, 2010. THE SITE IS LOCATED BETWEEN THE DETERMINED BASE FLOOD ELEVATIONS OF 12 AND 13. THEREFORE THE BASE FLOOD ELEVATION ON THIS SITE RELATIVE TO THE FEMA MAP HAS BEEN INTERPOLATED TO BE AT ELEVATION 12.75 FT.
  - THE PROJECT SITE DOES NOT CONTAIN ANY ESTIMATED HABITATS, PRIORITY HABITATS, OR CERTIFIED VERNAL POOLS BASED ON A REVIEW OF THE MASSACHUSETTS NATURAL HERITAGE ATLAS, 13TH EDITION, AND MASS GIS ONLINE MAPPING TOOL.

**CONSTRUCTION SCHEDULE**  
THE FOLLOWING IS A GENERAL CONSTRUCTION SEQUENCE FOR THE CONSTRUCTION OF THE SITE. THE ACTUAL SCHEDULE MAY VARY SOMEWHAT FROM THAT STATED IF SITE OR WEATHER CONDITIONS REQUIRE A DIFFERENT SCHEDULE AND IF SUCH CHANGE DOES NOT NEGATIVELY AFFECT THE PREVENTION OF POLLUTION, AN EXAMPLE OF A LOGICAL CHANGE TO THE SCHEDULE WOULD BE DEVIATING FROM THE SEQUENCE BELOW TO ALLOW THE LAYING OF DRIVEWAY BERM PRIOR TO A WINTER FREEZE IN ORDER TO BETTER CONTROL THE SITE DRAINAGE.

- THE APPLICANT WILL HOLD A PRE-CONSTRUCTION MEETING WITH REPRESENTATIVES OF THE TOWN, THE ENGINEER, CONTRACTOR'S EMPLOYEES AND THE INSPECTOR IN ORDER TO REVIEW PERMITS, PROCEDURES AND CONSTRUCTION METHODS.
- ESTABLISH THE SITE ENTRANCE MAT AT THE CONSTRUCTION ENTRANCE TO THE SITE.
- ESTABLISH A CONSTRUCTION STAGING AND EQUIPMENT STORAGE AREA PROTECTED AGAINST EROSION BY LINES OF STAKED STRAW BALES AND SILTATION FENCING.
- INSTALL THE SILTATION CONTROL BARRIERS BETWEEN THE WORK AREAS AND IN OTHER LOCATIONS AS SHOWN WITHIN THE PLAN SET.
- TREE AND BRUSH CLEARING
- BUILDING AND UTILITY DEMOLITION
- STRIP AND STOCKPILE TOPSOIL
- PLACE THE STRAW BALES OR FENCING AT LEAST FIVE FEET FROM THE BASE OF THE LOAM PILE, IF APPLICABLE
- EXCAVATE FOR FOUNDATION
- IMPORT STRUCTURAL FILL
- EXPORT ORDINARY FILL
- POUR INTERIOR SLAB
- EXCAVATE FOR INTERIOR PLUMBING AND ELECTRICAL
- EXCAVATE FOR SEWER
- EXCAVATE FOR DOMESTIC WATER
- BACKFILL FOUNDATIONS
- ESTABLISH AND BUILD THE DRAINAGE DISCHARGE POINTS, AND VARIOUS ADDITIONAL EROSION CONTROL MEASURES.
- BEGIN ROUGH GRADING-EARTHWORK OPERATIONS.
- INSTALL DRAINAGE SYSTEM, INCLUDING PIPES, DRAIN MANHOLES AND CATCH BASINS.
- APPLY TEMPORARY OR PERMANENT STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS WHERE WORK IS COMPLETED OR DELAYED GREATER THAN 2 WEEKS
- AND FORM AND POUR FOUNDATION WALLS
- INSTALL SITE UTILITIES INCLUDING UNDERGROUND ELECTRICAL
- COMPLETE SITE GRADING TO MATCH THE SITE DESIGN
- LAY THE BINDER COURSE OF PAVEMENT.
- COMPLETE THE PERMANENT STABILIZATION OF SLOPES, REPAIR AREAS THAT HAVE BEEN DAMAGED, AND INSTALL ADDITIONAL EROSION CONTROL DEVICES AS REQUIRED.
- LAY SIDEWALK BINDER AND DRIVEWAY BERM.
- INSTALL CONCRETE FLATWORK
- INSTALL LANDSCAPE MATERIAL AND SITE IMPROVEMENTS
- LAY FINISH COURSE OF PAVEMENT, SIGNAGE, FENCING
- REMOVE ACCUMULATED SEDIMENT AND TEMPORARY EROSION CONTROL MEASURES AFTER ALL SLOPES HAVE BEEN PERMANENTLY STABILIZED AND THE RISK OF EROSION HAS PASSED.
- EQUIPMENT MOVING, PROJECT PUNCHLIST AND CLOSEOUT

No.	Date	Revision

Drawn By: JLL    Designed By: PJM    Checked By: [Signature]



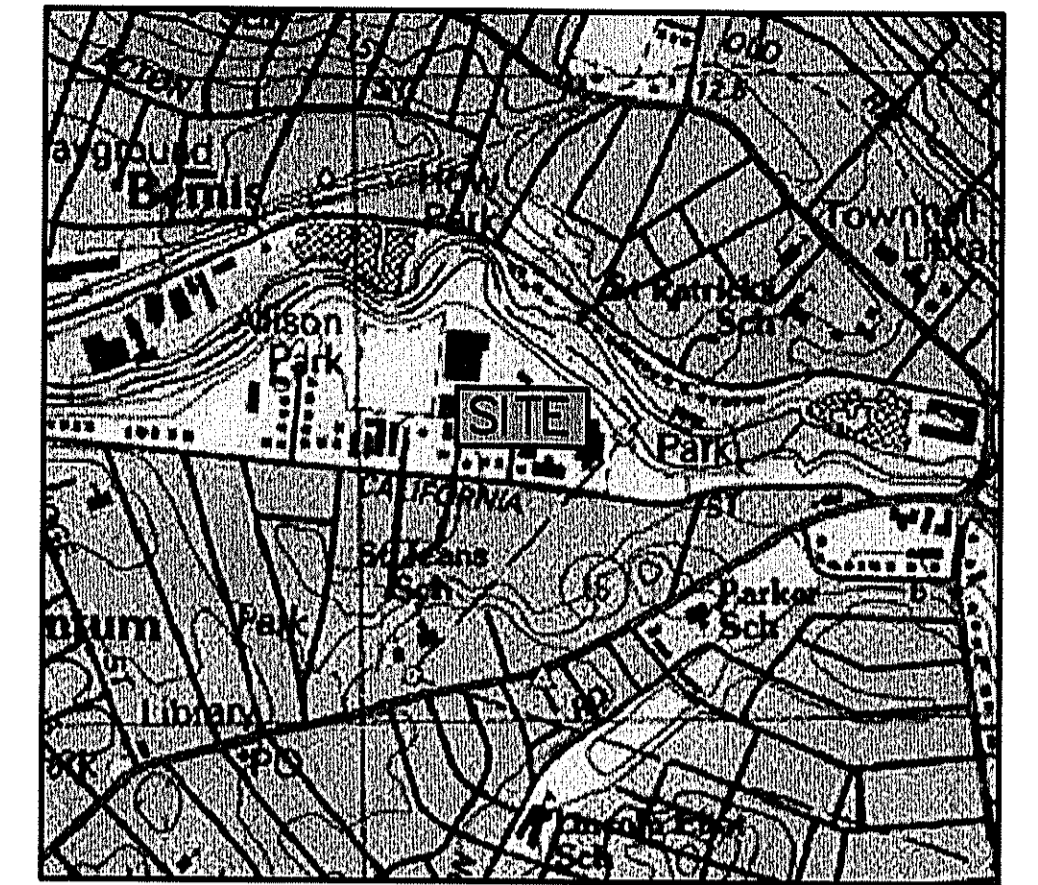
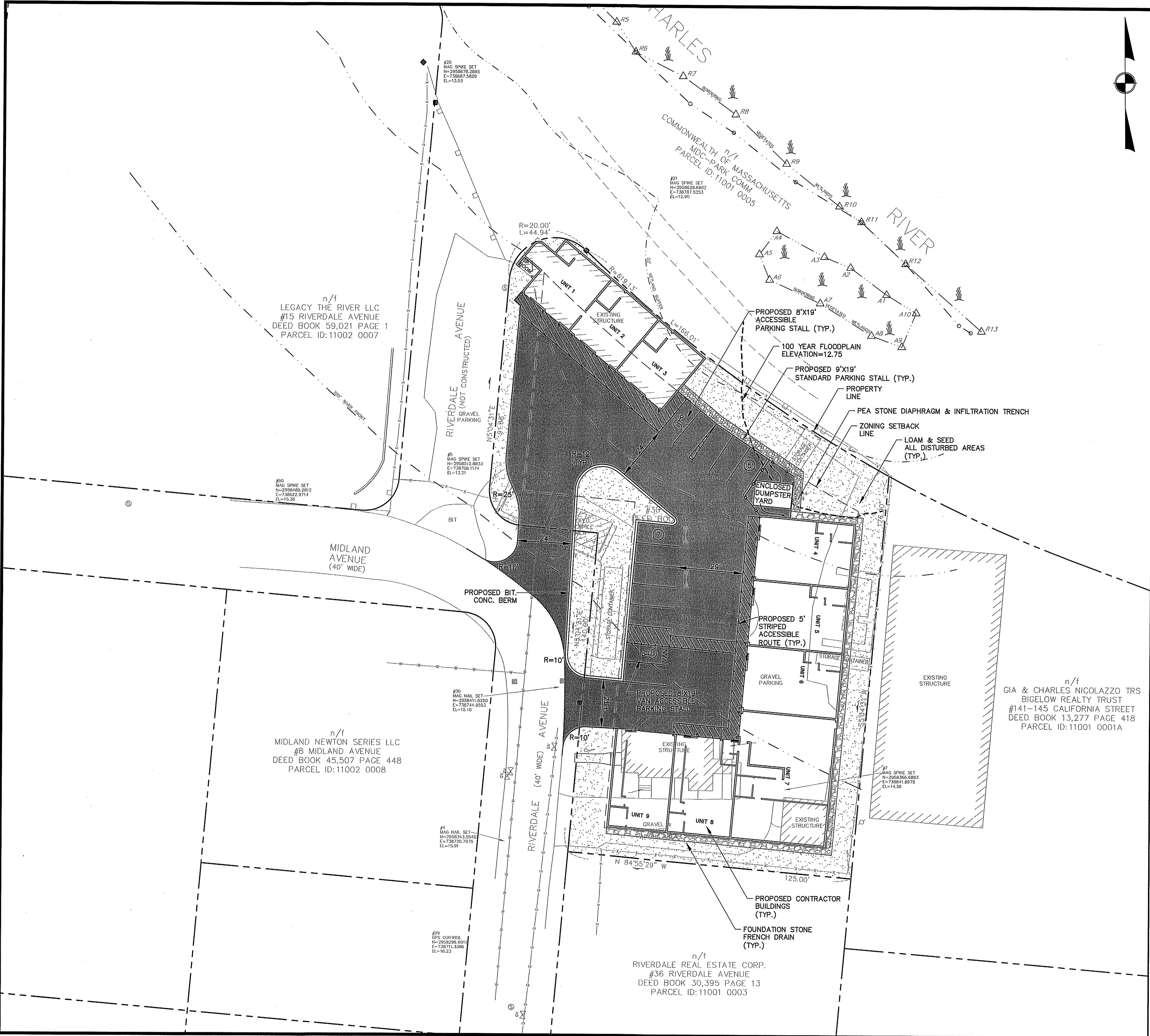
**McCarty Engineering, Inc.**  
 Civil Engineers  
 42 Jungle Road, Leominster, MA 01453  
 phone: (978) 534-1318 fax: (978) 840-6907  
 www.mccartydb.com

Project Name  
**Proposed Development**  
**30 Riverdale Avenue**  
**Newton, MA**

Sheet Title  
**Existing Condition & Demolition Plan**

Job No: 195    Sheet No.  
 File Name: 195P-CP DEM 01  
 Date: February 22, 2021  
 Scale: 1"=20'

**2**



**LOCUS PLAN**  
1"=1,000 FT.±

- NOTES:**
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  - THE ZONE AE AND ZONE X FLOOD LINES SHOWN WERE TAKEN FROM A SHAPE FILE PROVIDED BY MASS GIS "FEMA Q3 FLOOD ZONES". THE ACTUAL FLOOD LIMIT SHOWN IS BASED ON THE FLOOD INSURANCE RATE MAP NUMBER 25017C0552E, PANEL 552 OF 656, DATED JUNE 4, 2010. THE SITE IS LOCATED BETWEEN THE DETERMINED BASE FLOOD ELEVATIONS OF 12 AND 13, THEREFORE THE BASE FLOOD ELEVATION ON THIS SITE RELATIVE TO THE FEMA MAP HAS BEEN INTERPOLATED TO BE AT ELEVATION 12.75 FT.
  - THE PROJECT SITE DOES NOT CONTAIN ANY ESTIMATED HABITATS, PRIORITY HABITATS, OR CERTIFIED VERNAL POOLS BASED ON A REVIEW OF THE MASSACHUSETTS NATURAL HERITAGE ATLAS, 13TH EDITION, AND MASS GIS ONLINE MAPPING TOOL.

**ZONING SUMMARY:**  
DISTRICT: MANUFACTURING

DIMENSIONAL REQUIREMENTS:	REQUIRED:	PROVIDED:	CONFORMANCE:
MIN. LOT AREA:	10,000 S.F.	32,138.7 S.F.	Y
MAX. IMP. COV.:	N/A	76.6%	Y
LOT FRONTAGE:	N/A	197.6 FT.	Y
MIN. SIDE YARD:	GREATER OF 1/2 BLDG. HT. OR 20' ABUTTING RESIDENTIAL OR PUBLIC USE DISTRICT	12 FT.	Y
MIN. FRONT YARD:	GREATER OF 15' OR 1/2 BLDG. HT. OR AVERAGE GREATER OF 1/2 BLDG. HT.	15.8 FT.	Y
MIN. REAR YARD:	GREATER OF 1/2 BLDG. HT. OR 20' ABUTTING RESIDENTIAL OR PUBLIC USE DISTRICT	1.2 FT.	N*
MAX. HEIGHT:	24 FT. (36 FT.)	24 FT.	Y
MAX. HEIGHT:	2 ST. (3 ST.)	2 ST.	Y
FAR	1.0 (2 ST.)	0.68 ST.	Y
	1.5 (3 ST.)		

\*EXISTING BUILDING IS NON CONFORMING AND THE PROPOSED BUILDING WILL REPLACE THE EXISTING BUILDING IN KIND

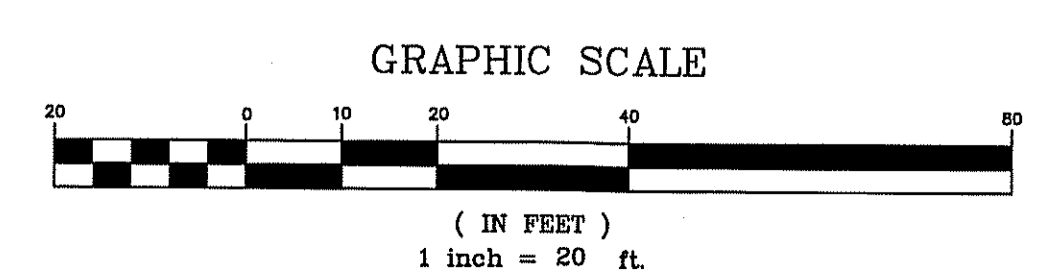
**PARKING SUMMARY:**

**REQUIREMENTS:**  
STORAGE BUSINESS: 1 SPACE/2,500 SF NFA  
STORAGE BUSINESS: 1 SPACE/4 EMPLOYEES

**PROPOSED:**  
STORAGE: 10,989 SF  
EMPLOYEES: 3

**PARKING REQUIRED:**  
STORAGE BUSINESS: 10,989 SF X 1 SP/2,500 SF = 5 SPACES  
STORAGE BUSINESS: 3 EMPLOYEES X 1 SP/4 EMPLOYEES = 1 SPACE

**TOTAL SPACES REQUIRED: 6 SPACES**  
**PARKING PROVIDED: 12 SPACES**



No.	Date	Revision

7/31/21

Drawn By: JLL  
Designed By: PJM  
Checked By: 7/31/21

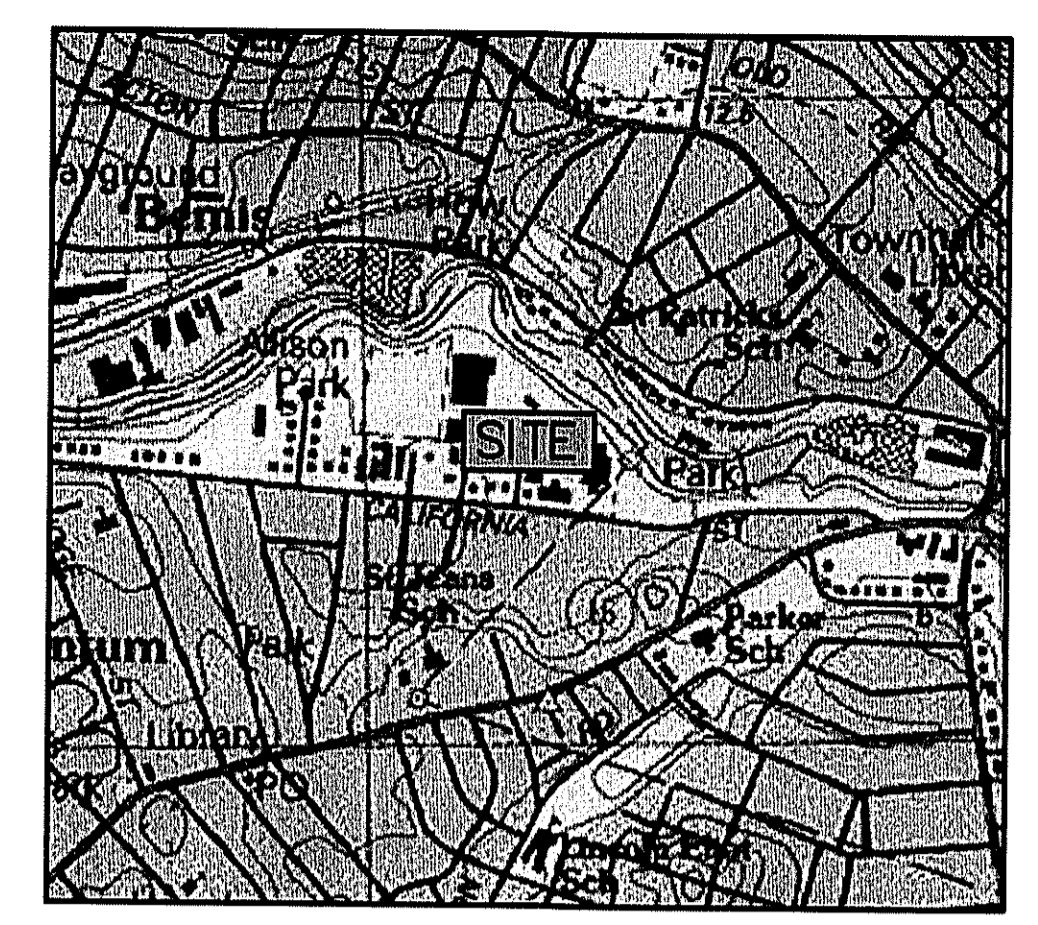
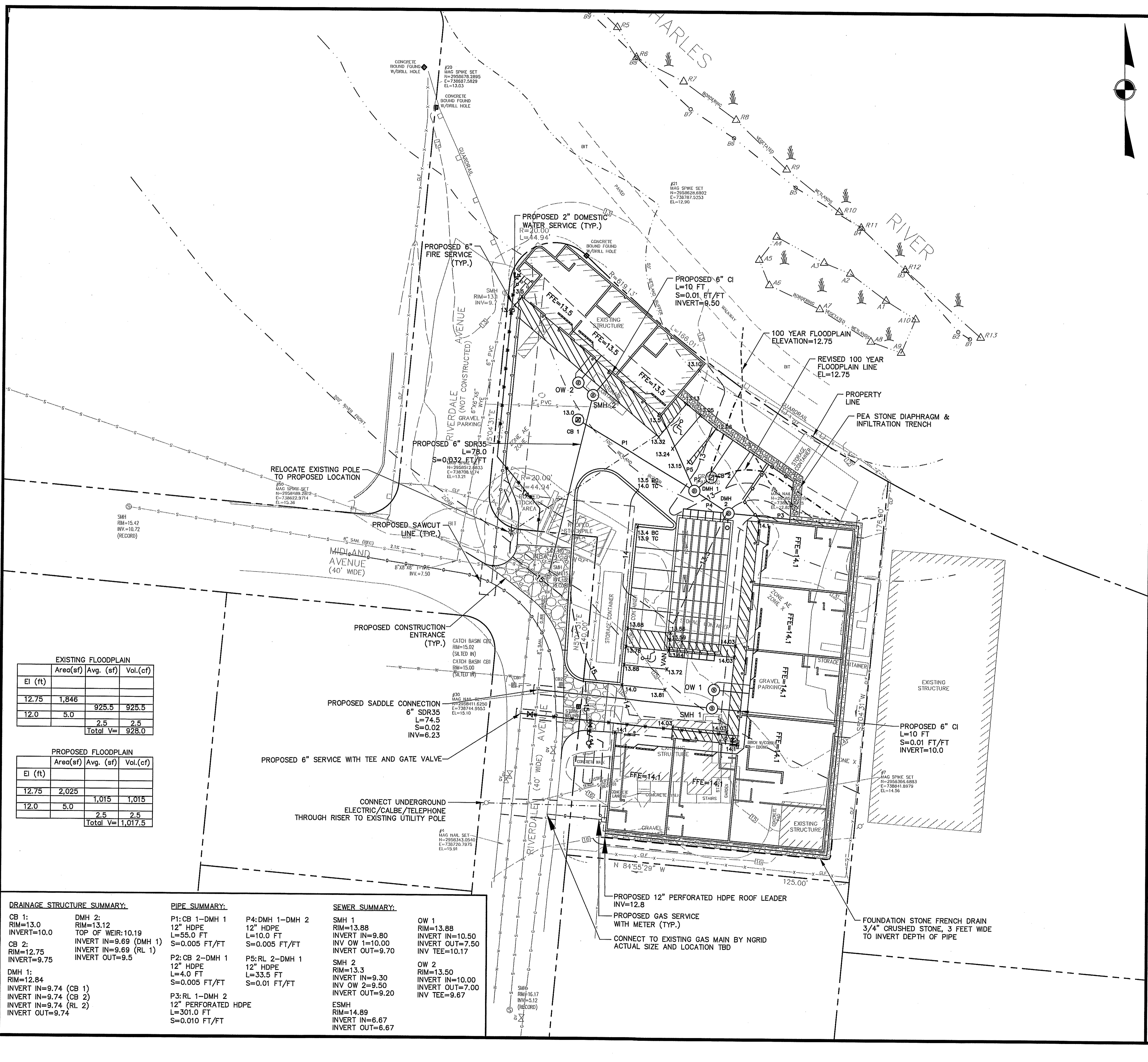
**McCarty Engineering, Inc.**  
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phone:(978) 534-1318 fax: (978) 840-6907  
www.mccartydb.com

Project Name  
**Proposed Development**  
30 Riverdale Avenue  
Newton, MA

Sheet Title  
**Layout & Materials Plan**

Job No: 195  
File Name: 195P-CBP01  
Date: February 22, 2021  
Scale: 1"=20'

Sheet No.  
**3**



**LOCUS PLAN**  
1"=1,000 FT.±

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**GENERAL NOTES**

- THE CONSTRUCTION OF ALL PROPOSED UTILITIES SHALL CONFORM TO THE CITY OF NEWTON STANDARDS AND SPECIFICATIONS, LATEST EDITION, AS WELL AS THE COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS STANDARDS AND SPECIFICATIONS, LATEST EDITION. CONTRACTOR SHALL CONFORM TO ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND REQUIREMENTS DURING CONSTRUCTION.
- THE LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES SHALL BE CONSIDERED APPROXIMATE AND MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION. ANY DISCREPANCIES IN THE LOCATION OF ANY UTILITIES SHOWN OR ENCOUNTERED DURING CONSTRUCTION SHALL BE REPORTED TO MCCARTY ENGINEERING, INC. AT 978-534-1318.
- THE CONTRACTOR SHALL CALL "DIG-SAFE" AT 1-888-DIG-SAFE (344-7233) 72 HOURS PRIOR TO CONSTRUCTION TO INFORM THE UTILITY COMPANIES OF ANY EXCAVATION ADJACENT TO EXISTING UTILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL WASTE MATERIAL AT AN APPROVED SITE. BURIAL OF WASTE MATERIAL ON-SITE IS NOT PERMITTED.
- CONTRACTOR SHALL STRIP TOP SOIL AND STOCKPILE ON-SITE FOR REUSE. SOIL STOCKPILES SHALL BE NO HIGHER THAN 8'. STOCKPILES SHALL BE ENCLOSED BY TEMPORARY SILT FENCES TO PREVENT TRAVEL OF SEDIMENT TO ADJACENT DRAINAGE WAYS.
- EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL SURFACE RESTORATION IS COMPLETE AND SHALL BE MAINTAINED IN GOOD CONDITION AT ALL TIMES.
- CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES FROM ON-SITE CONSTRUCTION ACTIVITIES AND REMOVE ANY SEDIMENT OR DEBRIS DEPOSITED THEREON IMMEDIATELY.
- DRAINAGE GENERATED AS A RESULT OF TRENCH DEWATERING SHALL BE DISCHARGED TO EXISTING DRAINAGE COURSES WITH PROPER EROSION CONTROL MEASURES. DISCHARGE ONTO PAVEMENT OR PRIVATE PROPERTY SHALL NOT BE ALLOWED.
- WHEN TAPPING EXISTING PRECAST MANHOLES OR SEWER PIPE, DRILL HOLES AT 4" CENTER TO CENTER WITH A STARDRILL AROUND THE PERIPHERY OF THE OPENING TO CREATE A PLANE OF WEAKNESS BEFORE BREAKING THE SECTION OUT.
- SANITARY SEWER AND WATER MAIN SHALL BE SEPARATED BY 10 FEET MINIMUM HORIZONTALLY. WHEN SEWER AND WATER CROSS, THE WATER MAIN SHALL BE A MINIMUM OF 18" ABOVE THE SEWER PIPE CROWN.
- UNLESS OTHERWISE SPECIFIED ON THE PLANS, TOP OF ALL WATER MAINS SHALL BE 5.0 FEET BELOW FINISH GRADE.
- VERIFY LOCATION OF BUILDING UTILITY CONNECTIONS WITH ARCHITECTURAL, MECHANICAL AND PLUMBING PLANS.
- ALL CLEARING, GRADING, DRAINAGE, CONSTRUCTION AND DEVELOPMENT SHALL BE CONDUCTED WITH STRICT ACCORDANCE WITH THESE PLANS.

**EXISTING FLOODPLAIN**

EI (ft)	Area(sf)	Avg. (sf)	Vol.(cf)
12.75	1,846		
12.0		2.5	2.5
		<b>Total V=</b>	<b>928.0</b>

**PROPOSED FLOODPLAIN**

EI (ft)	Area(sf)	Avg. (sf)	Vol.(cf)
12.75	2,025		
12.0		2.5	2.5
		<b>Total V=</b>	<b>1,017.5</b>

**DRAINAGE STRUCTURE SUMMARY:**

CB 1: RIM=13.0 INVERT=10.0	DMH 2: RIM=13.12 TOP OF WEIR:10.19 INVERT IN=9.69 (DMH 1) INVERT IN=9.69 (RL 1) INVERT=9.75	P1: CB 1-DMH 1 12" HDPE L=55.0 FT S=0.005 FT/FT	P4: DMH 1-DMH 2 12" HDPE L=10.0 FT S=0.005 FT/FT	SMH 1 RIM=13.88 INVERT IN=9.80 INV OW 1=10.00 INVERT OUT=9.70	OW 1 RIM=13.88 INVERT IN=10.50 INVERT OUT=7.50 INV TEE=10.17
DMH 1: RIM=12.84 INVERT IN=9.74 (CB 1) INVERT IN=9.74 (CB 2) INVERT IN=9.74 (RL 2) INVERT OUT=9.74	P2: CB 2-DMH 1 12" HDPE L=4.0 FT S=0.005 FT/FT	P5: RL 2-DMH 1 12" HDPE L=33.5 FT S=0.01 FT/FT	SMH 2 RIM=13.3 INVERT IN=9.30 INV OW 2=9.50 INVERT OUT=9.20	OW 2 RIM=13.50 INVERT IN=10.00 INVERT OUT=7.00 INV TEE=9.67	ESMH RIM=14.89 INVERT IN=6.67 INVERT OUT=6.67

**PIPE SUMMARY:**

P1: CB 1-DMH 1  
12" HDPE  
L=55.0 FT  
S=0.005 FT/FT

P2: CB 2-DMH 1  
12" HDPE  
L=4.0 FT  
S=0.005 FT/FT

P3: RL 1-DMH 2  
12" PERFORATED HDPE  
L=301.0 FT  
S=0.010 FT/FT

**SEWER SUMMARY:**

SMH 1  
RIM=13.88  
INVERT IN=9.80  
INV OW 1=10.00  
INVERT OUT=9.70

SMH 2  
RIM=13.3  
INVERT IN=9.30  
INV OW 2=9.50  
INVERT OUT=9.20

ESMH  
RIM=14.89  
INVERT IN=6.67  
INVERT OUT=6.67

No.	Date	Revision

Drawn By: JLL    Designed By: PJM    Checked By: *ZSC*

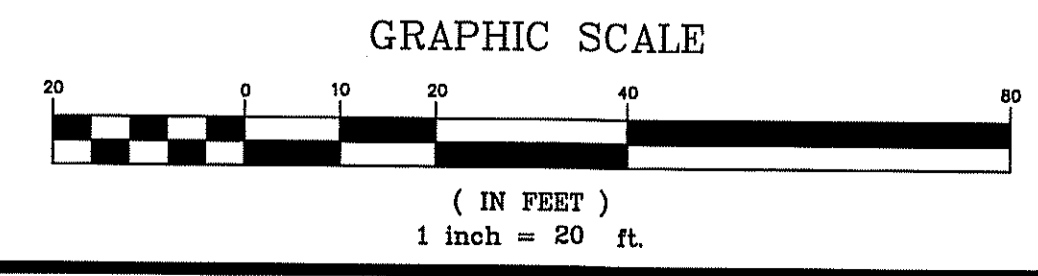
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Project Name  
**Proposed Development  
30 Riverdale Avenue  
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**Grading, Drainage &  
Utility Plan**

Job No: 195    Sheet No.  
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Date: February 22, 2021  
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**4**

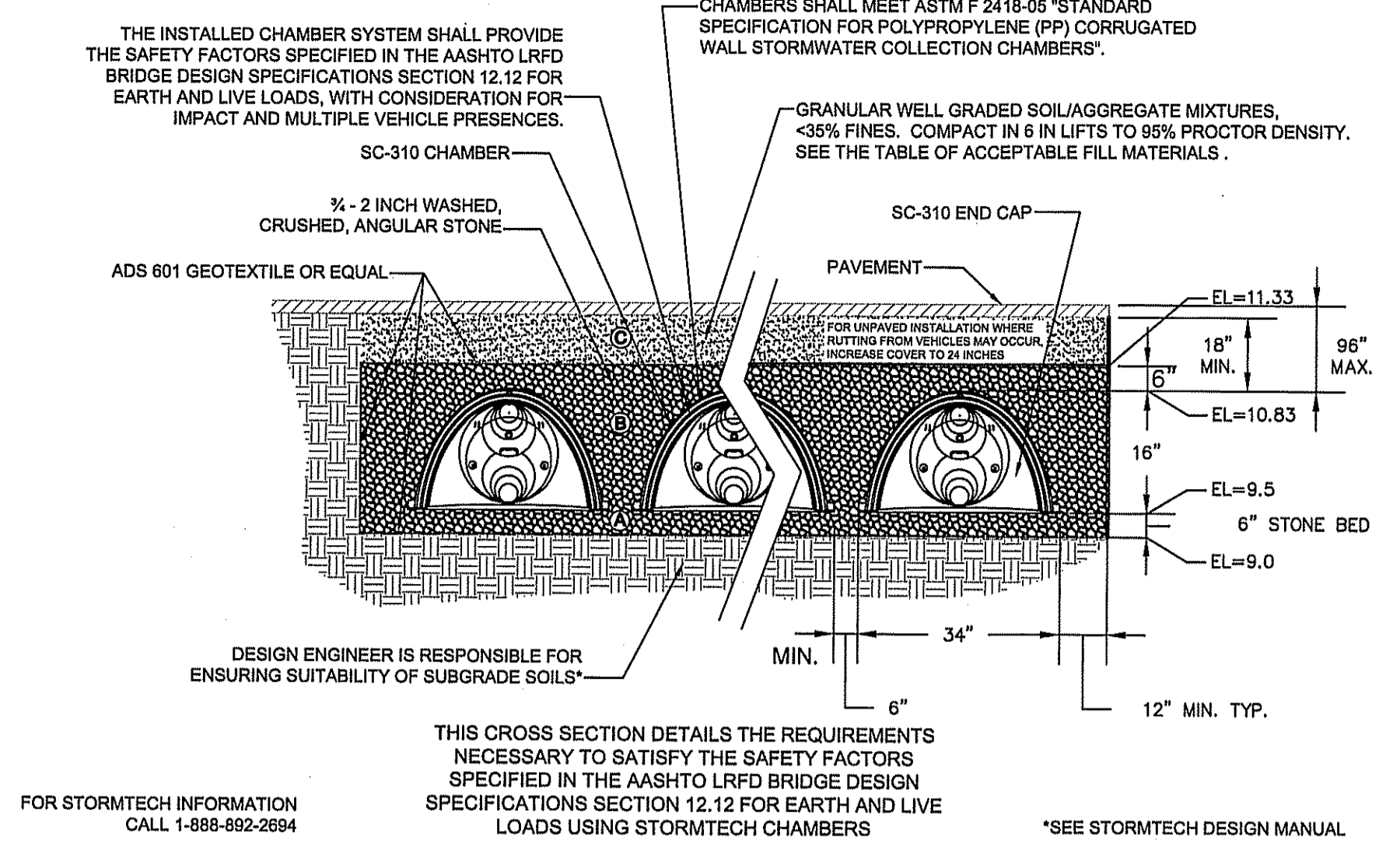












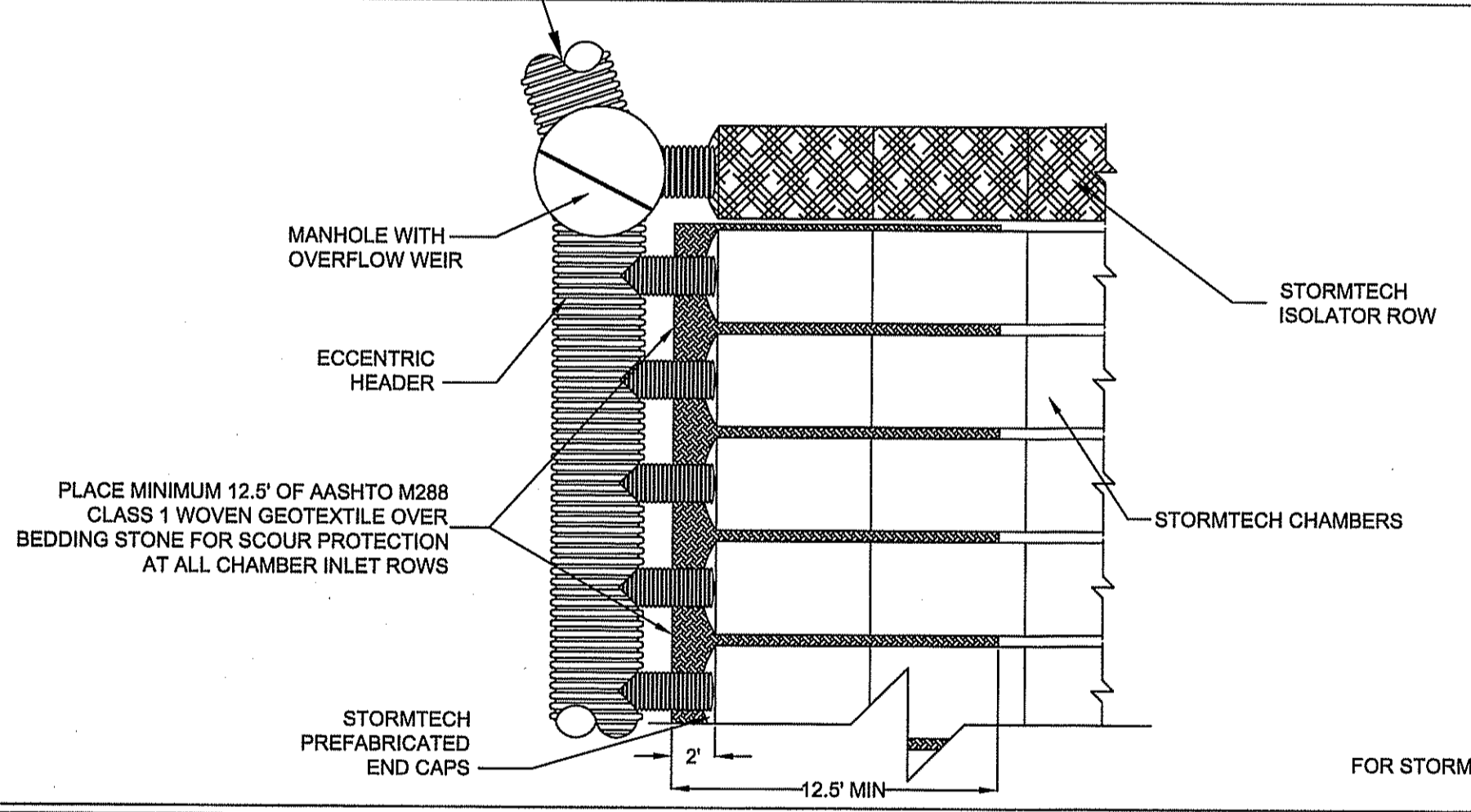
**ST 1.0 SC-310 TYPICAL CROSS SECTION**

**ACCEPTABLE FILL MATERIALS  
STORMTECH SC-740 CHAMBER SYSTEMS**

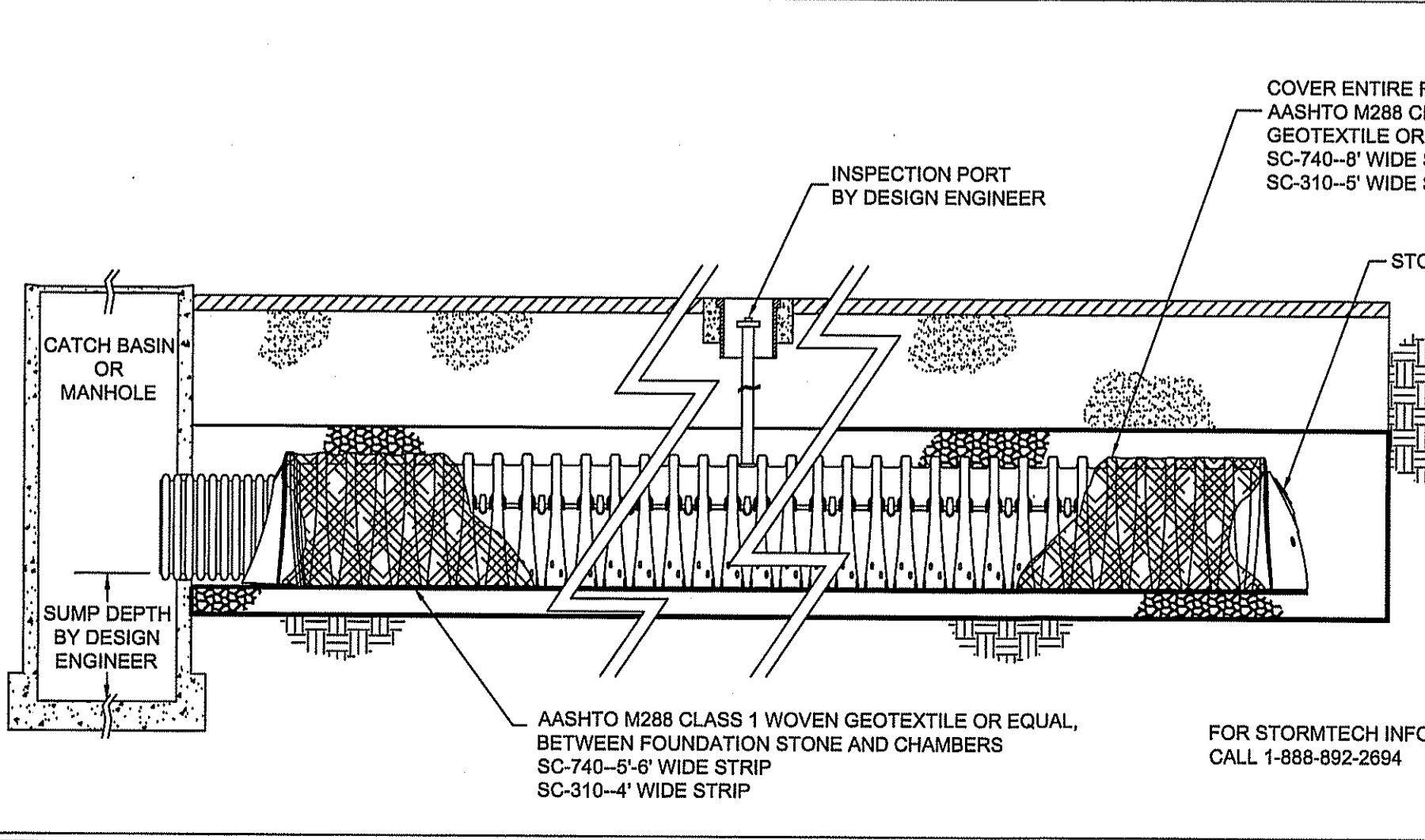
MATERIAL LOCATION	DESCRIPTION	AASHTO M43 DESIGNATION	AASHTO M145 DESIGNATION	COMPACTION/DENSITY REQUIREMENT
FILL MATERIAL FROM 18" TO GRADE ABOVE CHAMBERS	ANY SOIL/ROCK MATERIALS, NATIVE SOILS OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	N/A	PREPARE PER ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
FILL MATERIAL FOR 6" TO 18" ELEVATION ABOVE CHAMBERS (24" FOR UNPAVED INSTALLATIONS)	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <math>45\%</math> FINES.	3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 88, 9, 10	A-1, A-2, A-3	COMPACT IN 6" LIFTS TO A MINIMUM 95% STANDARD PROCTOR DENSITY. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 LBS. DYNAMIC FORCE NOT TO EXCEED 20,000 LBS.
EMBEDMENT STONE SURROUNDING AND TO A 6" ELEVATION ABOVE CHAMBERS	WASHED ANGULAR STONE WITH THE MAJORITY OF PARTICLES BETWEEN 3/4 - 2 INCH	3, 357, 4, 467, 5, 56, 57	N/A	NO COMPACTION REQUIRED
FOUNDATION STONE BELOW CHAMBERS	WASHED ANGULAR STONE WITH THE MAJORITY OF PARTICLES BETWEEN 3/4 - 2 INCH	3, 357, 4, 467, 5, 56, 57	N/A	PLATE COMPACT OR ROLL TO ACHIEVE A 95% STANDARD PROCTOR DENSITY

PLEASE NOTE: THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE WASHED CRUSHED ANGULAR. FOR EXAMPLE, THE STONE MUST BE SPECIFIED AS WASHED, CRUSHED, ANGULAR NO. 4 STONE.

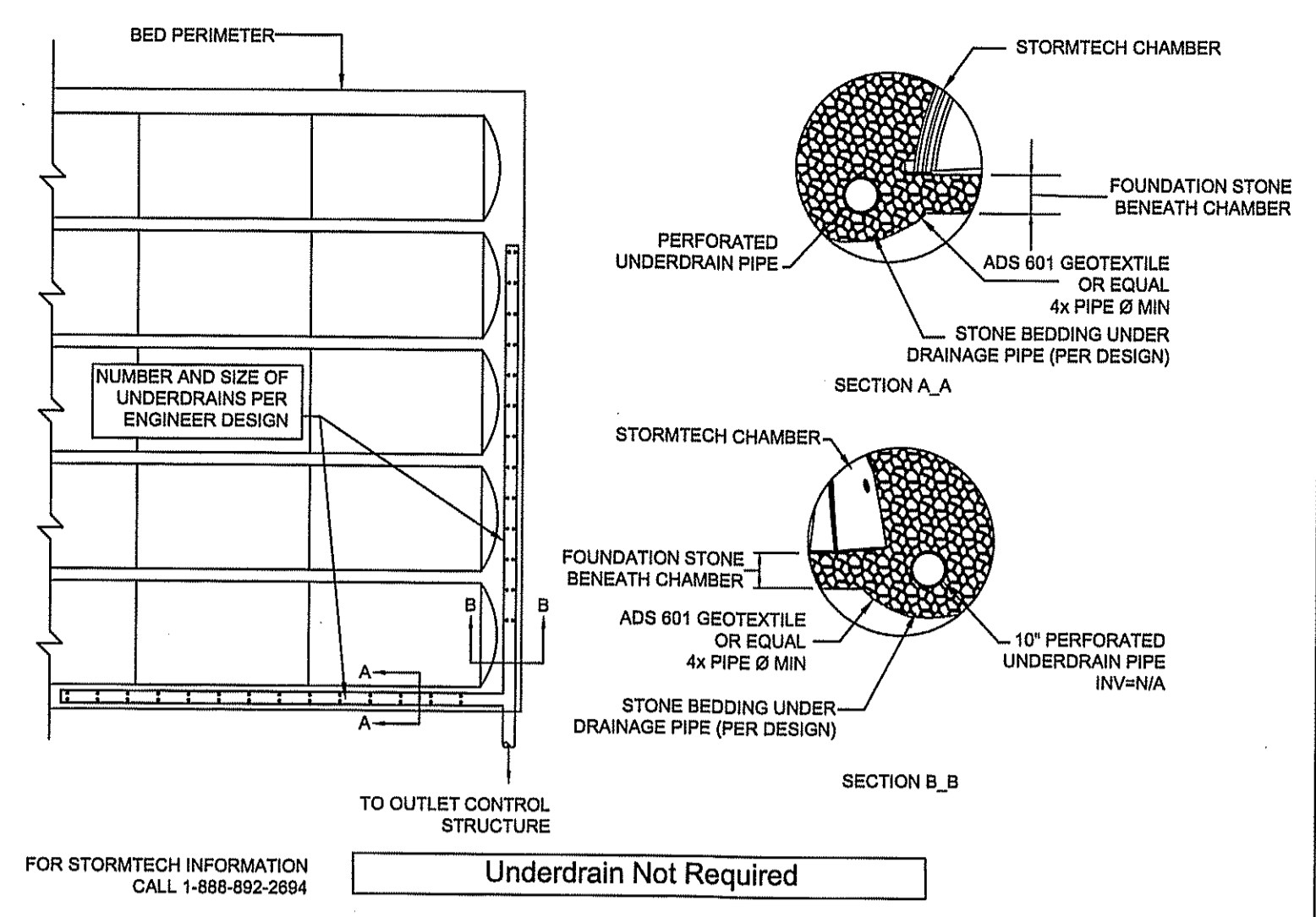
**ST 3.0 STORMTECH ACCEPTABLE FILL MATERIALS**



**ST 4.0 STORMTECH ISOLATOR™ ROW MANIFOLD DETAIL**



**ST 6.0 STORMTECH ISOLATOR™ ROW DETAIL**

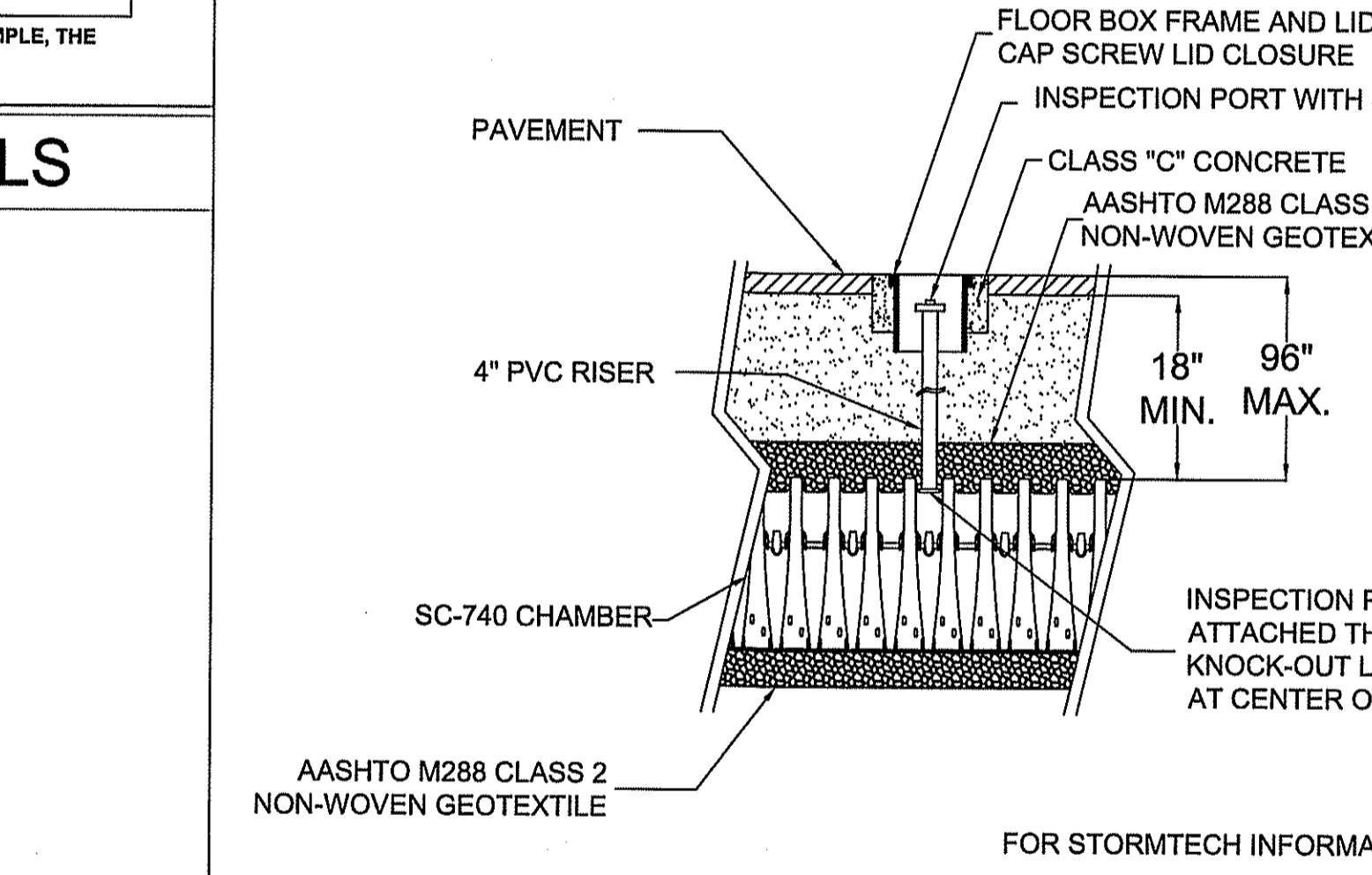


**ST 2.0 STORMTECH UNDERDRAIN DETAIL**

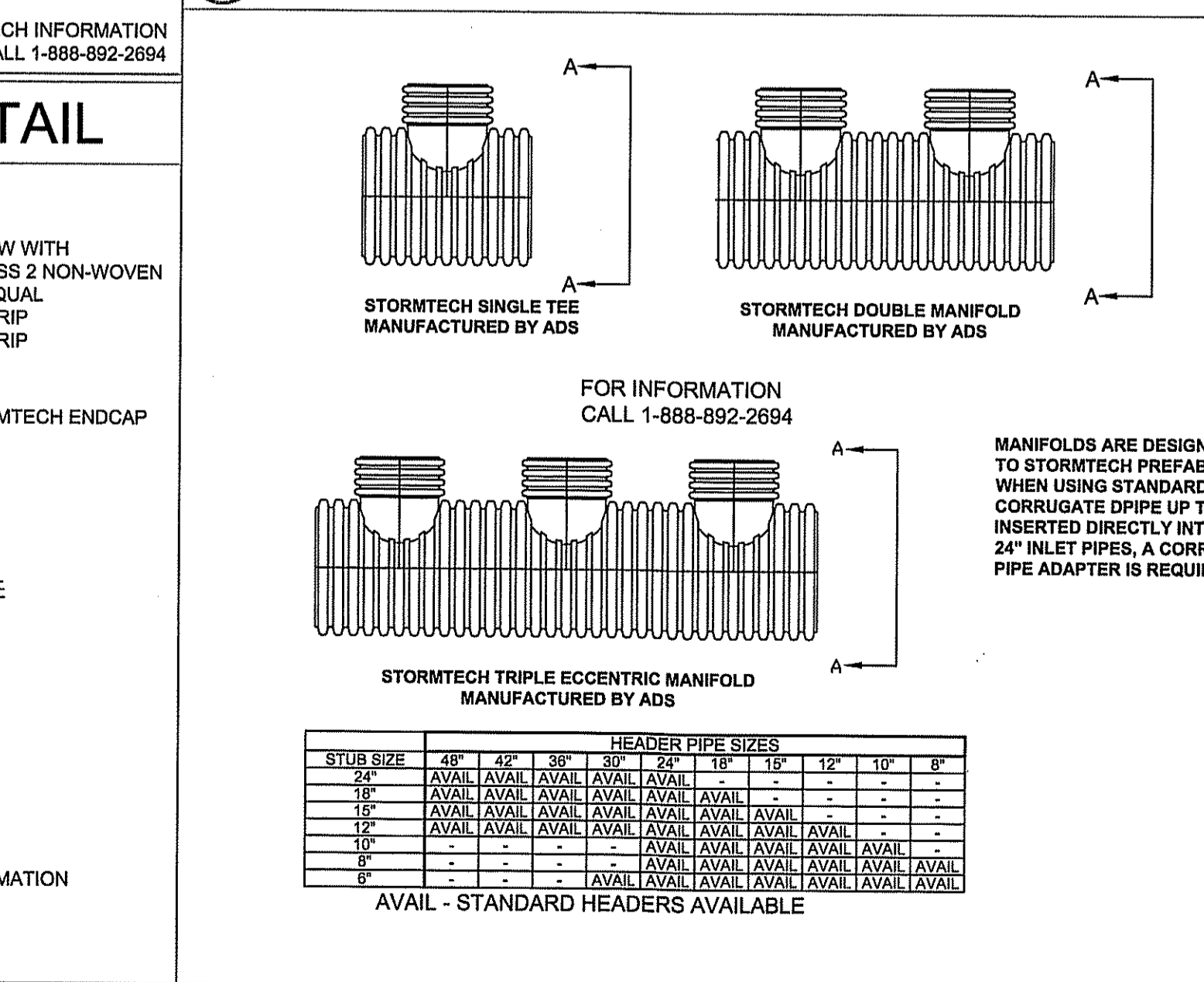
**NOTES:**

- ALL DESIGN SPECIFICATIONS FOR STORMTECH CHAMBERS SHALL BE IN ACCORDANCE WITH THE STORMTECH DESIGN MANUAL.
- THE INSTALLATION OF STORMTECH CHAMBERS SHALL BE IN ACCORDANCE WITH THE LATEST STORMTECH INSTALLATION INSTRUCTIONS.
- THE CONTRACTOR IS ADVISED TO REVIEW AND UNDERSTAND THE INSTALLATION INSTRUCTIONS PRIOR TO BEGINNING SYSTEM INSTALLATION. CALL 1-888-892-2694 OR VISIT [WWW.STORMTECH.COM](http://WWW.STORMTECH.COM) TO RECEIVE A COPY OF THE LATEST STORMTECH INSTALLATION INSTRUCTIONS.
- CHAMBERS SHALL MEET THE DESIGN REQUIREMENTS AND SAFETY FACTORS SPECIFIED IN SECTION 12.12 OF THE LATEST EDITION OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

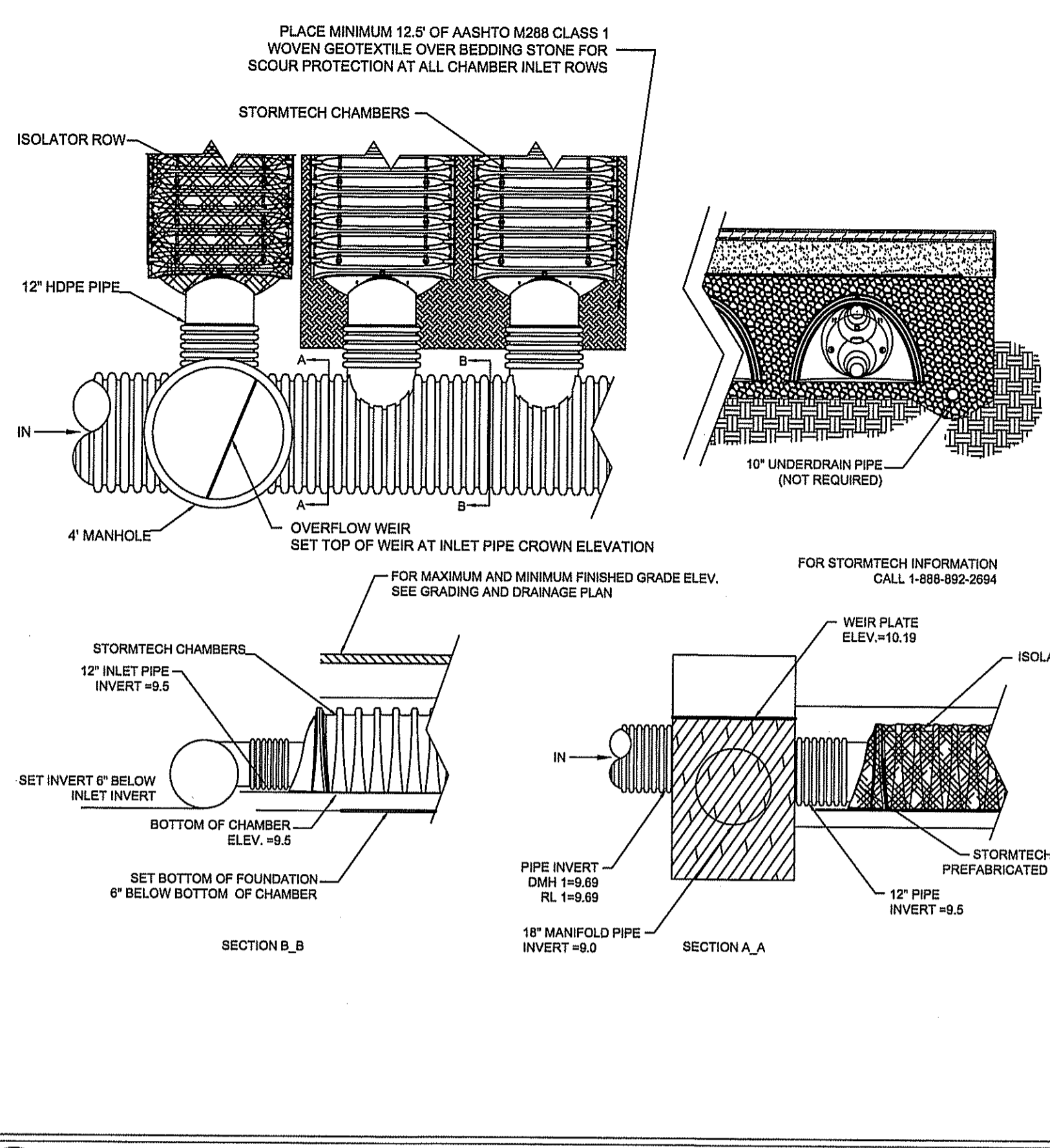
**ST 8.0 STORMTECH ELEVATIONS**



**ST 5.0 STORMTECH INSPECTION PORT DETAIL**



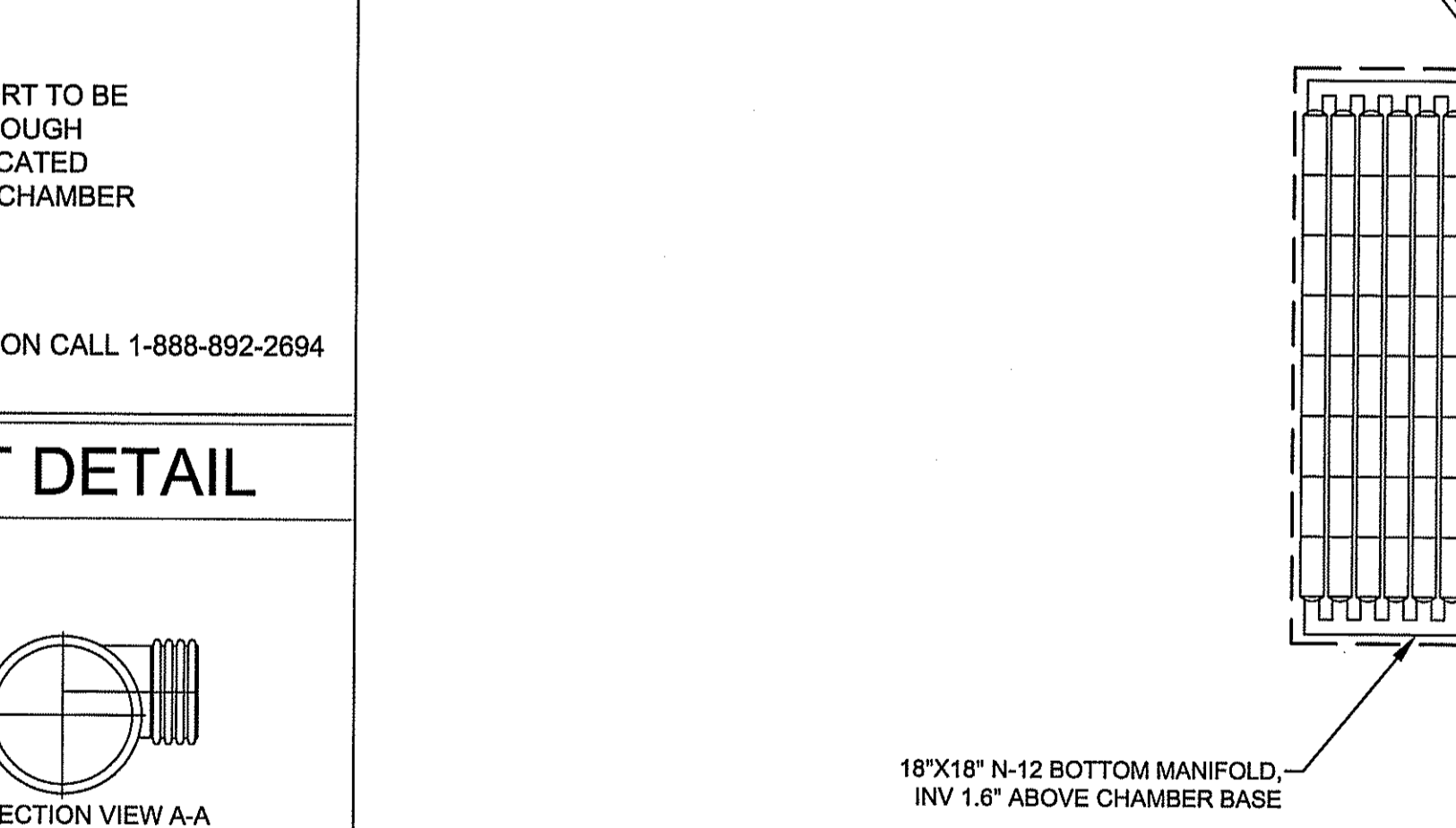
**ST 7.0 ADS MANIFOLD DETAILS**



**ST 8.0 STORMTECH ELEVATIONS**

**PROPOSED LAYOUT**  
(52) STORMTECH SC-310 CHAMBERS  
INSTALLED WITH 6" COVER STONE, 6" BASE STONE, 40% STONE VOID  
INSTALLED SYSTEM VOLUME: 1,899.7 CF  
AREA OF SYSTEM: 1493.3 FT<sup>2</sup>  
PERIMETER OF SYSTEM: 169.98 FT

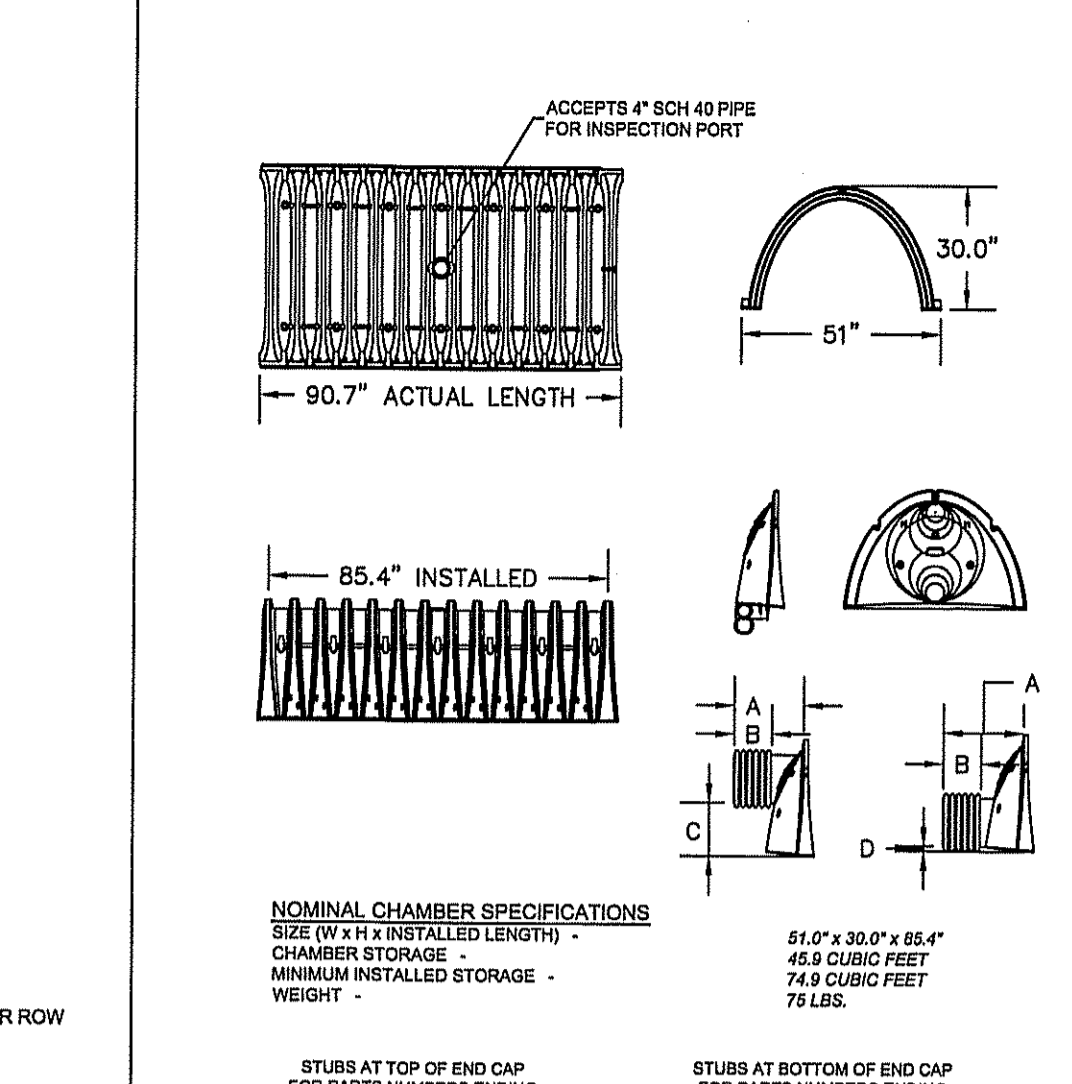
**PROPOSED ELEVATION**  
TOP OF STONE: 11.33  
BOTTOM OF STONE: 9.0  
TOP OF CHAMBER: 10.83  
BOTTOM OF CHAMBER: 9.5



**UNDERGROUND INFILTRATION (SC-310 - 52 CHAMBERS)  
SCALE: 1"=20'**

CHAMBERS SHALL MEET THE DESIGN REQUIREMENTS AND SAFETY FACTORS SPECIFIED IN SECTION 12.12 OF THE LATEST EDITION OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS LOADS SHALL BE CALCULATED IN ACCORDANCE WITH SECTION 3 AND SHALL INCLUDE H20 DESIGN TRUCK, IMPACT FACTOR, MULTIPLE PRESENCE, AND LANE LOAD.

**ST 10.0 STORMTECH SC-310 CHAMBER LAYOUT**



**ST 9.0 TECHNICAL DETAILS**

**NOMINAL CHAMBER SPECIFICATIONS**

SIZE (W x H x INSTALLED LENGTH) - 65.5 CUBIC FEET  
CHAMBER STORAGE - 74.8 CUBIC FEET  
MINIMUM INSTALLED STORAGE - 78.65 CUBIC FEET

PART #	CHAMBER	PIPE SIZE	A	B	C	D
SC740PEPBT	SC 740	8 in (203 mm)	10.90 in (277 mm)	3.85 in (98 mm)	18.50 in (470 mm)	N/A
SC740PEPBT	SC 740	6 in (150 mm)	10.90 in (277 mm)	3.85 in (98 mm)	N/A	0.60 in (15 mm)
SC740PEPBT	SC 740	12 in (305 mm)	14.70 in (373 mm)	1.70 in (43 mm)	12.85 in (326 mm)	N/A
SC740PEPBT	SC 740	12 in (305 mm)	14.70 in (373 mm)	1.70 in (43 mm)	N/A	1.20 in (30 mm)
SC740PEPBT	SC 740	15 in (375 mm)	18.40 in (467 mm)	0.30 in (7.6 mm)	8.00 in (203 mm)	N/A
SC740PEPBT	SC 740	15 in (375 mm)	18.40 in (467 mm)	0.30 in (7.6 mm)	N/A	1.30 in (33 mm)
SC740PEPBT	SC 740	18 in (450 mm)	16.70 in (424 mm)	0.72 in (18.3 mm)	6.00 in (152 mm)	N/A
SC740PEPBT	SC 740	18 in (450 mm)	16.70 in (424 mm)	0.72 in (18.3 mm)	N/A	1.00 in (25 mm)
SC740PEPBT	SC 740	24 in (605 mm)	18.50 in (470 mm)	0.45 in (11.4 mm)	N/A	0.10 in (2.5 mm)



**PROJECT NAME**  
Proposed Development  
30 Riverdale Avenue  
Newton, MA

This drawing was prepared to support the design engineer for the proposed conversion. It is the ultimate responsibility of the design engineer to assure that the stormwater system's design is in full compliance with all applicable laws and regulations. It is the design engineer's responsibility to ensure that the StormTech products are designed in accordance with StormTech minimum requirements. StormTech LLC does not approve plans, siting, or system designs. The design engineer is responsible for all design decisions.

REVISIONS	DATE



**DRAWING TITLE**  
Stormtech  
Infiltration Basin  
Details

STORMTECH SC-310 CHAMBER DETAIL SHEET	
SAVED AS	196P-DET03-310
DRAWN BY	BRM CHECKED BY BRM
SCALE	NTS DRAWING NO.
DATE	2/22/2021
PROJECT NO.	195