

# SITE & UTILITY IMPROVEMENTS



RA CATALDO & ASSOCIATES INC.  
CIVIL ENGINEERS  
LAND SURVEYORS

114 SMITHFIELD AVENUE TEL: (401) 453-3300  
PAWTUCKET, RI 02860 FAX: (401) 453-4117  
www.RACataldo.com CA@CataldoEng.com

Project:

**SITE & UTILITY IMPROVEMENTS**

MAP 2 LOT 115

104 NORTH WASHINGTON STREET, NORTH ATTLEBORO, MA 02760

Prepared For:

**SCRIBBLETIME**

451 ELM STREET, NORTH ATTLEBORO, MA 02760



Issue Date: 8/13/2025

Revisions

No.	Date	Description
1	10/24/25	PEER REVIEW COMMENTS

Project Number: 3192-66

Scale: Not To Scale

Designed By: MAY

Drawn By: CD Checked By: RWC

Sheet Title:

**COVER SHEET**

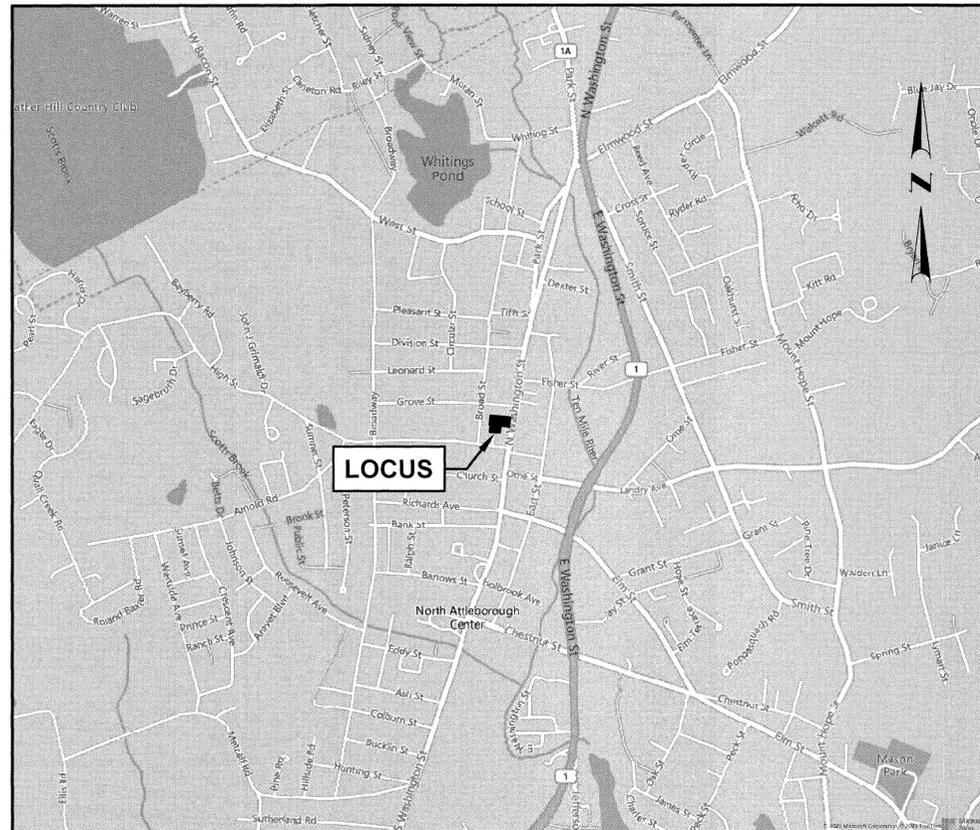
**C-1**

Sheet Number: 1 of 10

SITE PLAN REVIEW

## SHEET INDEX

- C-1 COVER SHEET
- C-2 GENERAL NOTES
- C-3 EXISTING CONDITIONS PLAN
- C-4 SITE LAYOUT AND LANDSCAPING PLAN
- C-5 GRADING AND DRAINAGE PLAN
- C-6 UTILITY PLAN
- C-7 EROSION CONTROL PLAN
- C-8 DETAILS
- C-9 CULTEC DETAILS 1
- C-10 CULTEC DETAILS 2



**LOCUS MAP**

SCALE: 1"=1000'

### DEVELOPER

SCRIBBLETIME  
NOELLE D'INTINO  
451 ELM STREET,  
NORTH ATTLEBORO, MA 02760  
THEOFFICE@SCRIBBLETIME.NET  
O: (508)-695-7227

### ASSESSOR'S MAP

MAP 2 LOT 115  
DEED BK/PG 9002/0301

### ZONE

C-7.5 RETAIL DISTRICT

### OWNER

GRACE EPISCOPAL CHURCH OF N.A.  
104 NORTH WASHINGTON STREET,  
NORTH ATTLEBORO, MA 02760  
MMERIGOLD@GRACECHURCHNA.ORG  
O: (508)-369-2464

### CIVIL ENGINEER

MATTHEW YANUSKIEWICZ, PE #35906  
RA CATALDO & ASSOCIATES INC.  
114 SMITHFIELD AVENUE,  
PAWTUCKET, RI 02860  
MATT@CATALDOENG.COM  
O: (401) 453-3300  
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### LAND SURVEYOR

RICHARD LEDDY, PLS #1940  
LEDDY LAND SURVEYING COMPANY  
PO BOX 3812  
SOUTH ATTLEBORO, MA 02703  
RLEDY@LEDDYLANDSURVEYING.COM  
O: (508) 455-0923

SITE IS SUBJECT TO ZONING BOARD OF APPEALS DECISION FILE #4167

1. VARIANCE FOR LOADING DOCK.
2. VARIANCE FOR OPEN SPACE.
3. FINDING OF FACT THAT PARKING DEMANDS DO NOT OVERLAP.
4. VARIANCE FOR 9'X18' PARKING SPACES.

### PLANNING BOARD APPROVAL

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\_\_\_\_\_

\_\_\_\_\_

DATE: \_\_\_\_\_







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2	11/11/25	ELECTRICAL COMMENTS
3	12/3/2025	PEER REVIEW COMMENTS

Project Number: 3192-66  
Scale: 1" = 20'  
Designed By: MAY  
Drawn By: CD Checked By: RWC  
Sheet Title:

**SITE LAYOUT AND LANDSCAPING PLAN**

**C-4**

Sheet Number: 4 of 10  
**SITE PLAN REVIEW**

EXISTING	DESCRIPTION	PROPOSED
---	EDGE OF PAVEMENT	---
---	SILT SOCK	---
---	LIMIT OF DISTURBANCE	---
---	BASELINE OR CENTERLINE	---
---	PROPERTY LINE	---
---	BERM/CURB	---
---	GAS MAIN	G
---	STORMDRAIN	D
---	SANITARY SEWER	S
---	WATER MAIN	W
---	OVERHEAD WIRE	OHW
---	6' HIGH PRIVACY FENCE	---
---	POST AND RAIL FENCE	---
---	FLARED END SECTION	---
---	GAS GATE	GG
---	WATER GATE VALVE AND BOX	WG
---	CATCH BASIN	CB
---	DOUBLE CATCH BASIN	DCB
---	SEWER MANHOLE	SMH
---	DRAINAGE MANHOLE	DMH
---	HYDRANT	HYD
---	UTILITY POLE	UP
---	LIGHT POLE	LP
---	SIGN	---
---	CONTOUR LINE	ELEV
---	BUILDING	---

ZONING DISTRICT DIMENSIONAL REGULATIONS		
ZONING DISTRICT :	C - 7.5	
	REQUIRED	EXISTING
MINIMUM LOT AREA:	7,500 SF.	45,290 SF.
MINIMUM LOT FRONTAGE / WIDTH:	60 FT.	132 FT.
MINIMUM YARD SETBACKS: FRONT SIDE REAR	10 FT. 0 FT. 25 FT.	116 FT. ± 11 FT. ± 20 FT. ±
MAXIMUM BUILDING HEIGHT:	40 FT.	EXISTING
MINIMUM OPEN SPACE:	25 %	PROPOSED: 22 %

REQUIRED PARKING CALCULATIONS		
BUILDING USAGE	MIXED USE	
	PUBLIC ASSEMBLY	CLASSROOM
PARKING REQUIREMENT	1 SPACE / 4 SEATS	2 SPACES / CLASSROOM
UTILIZATION	100 SEATS	17 CLASSROOMS
CALCULATION	100 / 4 = 25 SPACES	2 x 17 = 34 SPACES
TOTAL PARKING SPACES REQUIRED	59 SPACES	

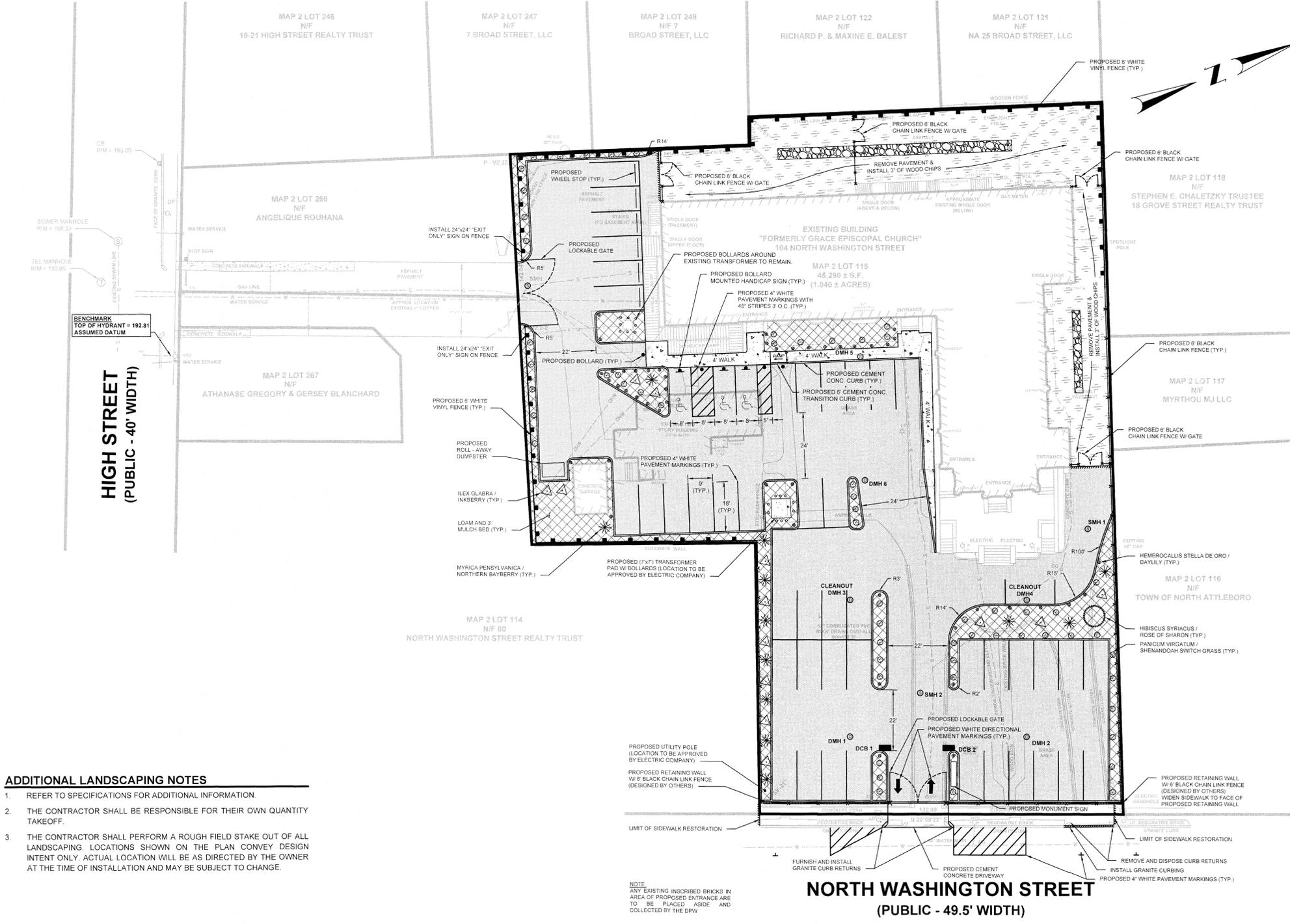
PARKING SUMMARY		
	REQUIRED	PROVIDED
ONSITE PARKING SPACES	59 SPACES	49 SPACES
ADA REQUIREMENT	3 ACCESSIBLE SPACES	3 SPACES WITH 1 VAN ACCESSIBLE SPACE



LOCATIONS AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY, LOCATE AND PROTECT EXISTING UTILITIES IN THE FIELD WHETHER OR NOT SHOWN ON THE PLANS.

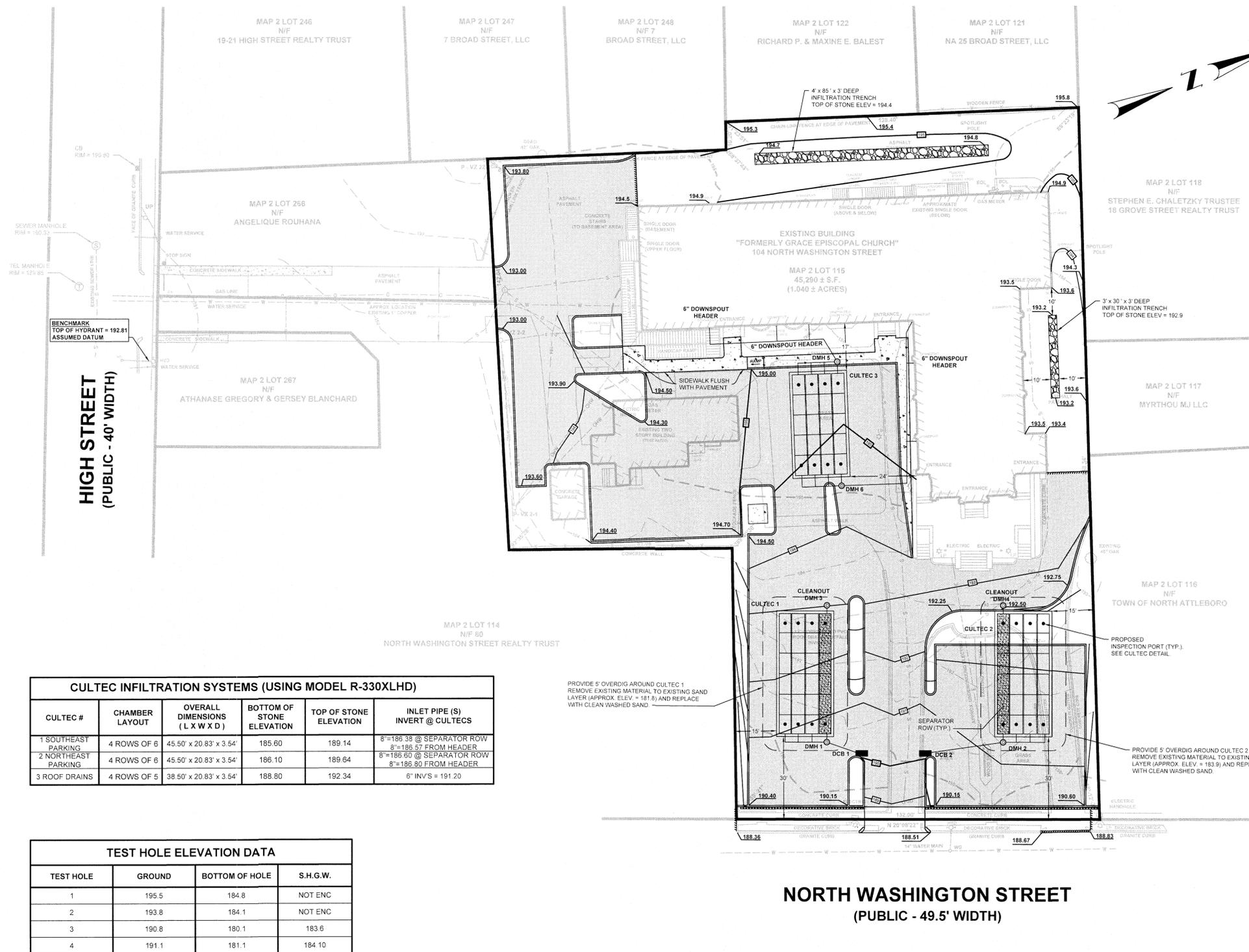
THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES IN ADDITION TO CONTACTING DIG SAFE AT 811 PRIOR TO ANY EXCAVATION.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE IF ANY PRIVATELY OWNED OR NON DIG SAFE MEMBER UTILITIES ARE IN THE AREA.



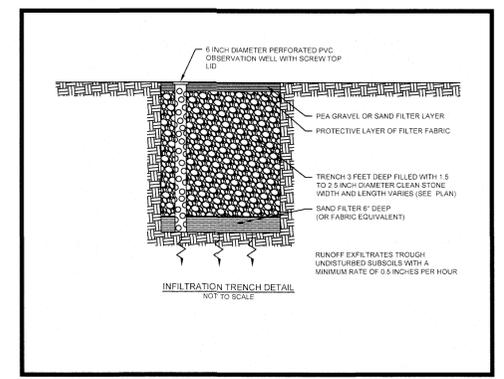
P:\3192 (MISC)\3192-66 (SRIBBLETIME NO ATTLEBORO)\DWG3 - PROPOSED PLAN\3192-66 PROPOSED PLAN.DWG

P:13192 (MISC)192-66 (SCRIBBLETIME NO ATTLEBORO)DWG3 - PROPOSED PLAN(13192-66) PROPOSED PLAN.DWG



**LEGEND**

EXISTING	DESCRIPTION	PROPOSED
---	EDGE OF PAVEMENT	---
---	SILT SOCK	---
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---	GAS MAIN	G
---	STORMDRAIN	D
---	SANITARY SEWER	S
---	WATER MAIN	W
---	OVERHEAD WIRE	OHW
---	8' HIGH PRIVACY FENCE	---
---	POST AND RAIL FENCE	---
---	FLARED END SECTION	---
---	GAS GATE	---
---	WATER GATE VALVE AND BOX	---
---	CATCH BASIN	CB
---	DOUBLE CATCH BASIN	DCB
---	SEWER MANHOLE	SMH
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**Technical Specifications**

**Downspout Grate**

Material: 120065  
 Material: High Density Polyethylene  
 Color: Black  
 Weight: 1.50 lbs.  
 Size: 12" x 12" x 1/2" (305 x 305 x 12.7 mm)  
 Drainage: 28.00 square inches  
 Spacing: 1/2" x 1/2" (12.7 x 12.7 mm)

**CULTEC INFILTRATION SYSTEMS (USING MODEL R-330XLHD)**

CULTEC #	CHAMBER LAYOUT	OVERALL DIMENSIONS (L X W X D)	BOTTOM OF STONE ELEVATION	TOP OF STONE ELEVATION	INLET PIPE (S) INVERT @ CULTecs
1 SOUTHEAST PARKING	4 ROWS OF 6	45.50' x 20.83' x 3.54'	185.60	189.14	8"=186.38 @ SEPARATOR ROW 8"=186.57 FROM HEADER
2 NORTHEAST PARKING	4 ROWS OF 6	45.50' x 20.83' x 3.54'	186.10	189.64	8"=186.90 @ SEPARATOR ROW 8"=186.80 FROM HEADER
3 ROOF DRAINS	4 ROWS OF 5	38.50' x 20.83' x 3.54'	188.80	192.34	6" INVS = 191.20

**TEST HOLE ELEVATION DATA**

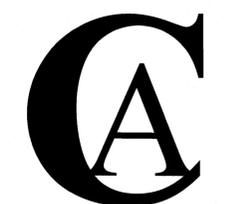
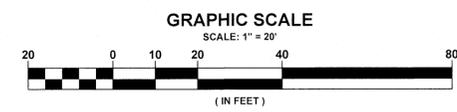
TEST HOLE	GROUND	BOTTOM OF HOLE	S.H.G.W.
1	195.5	184.8	NOT ENC
2	193.8	184.1	NOT ENC
3	190.8	180.1	183.6
4	191.1	181.1	184.10

TEST HOLES OBSERVED BY STEVEN WRY (SE2644) ON 4-23-2025  
 SEE SHEET C-4 FOR TEST HOLE LOCATIONS.

**DRAINAGE INFORMATION**

DRAINAGE STRUCTURE	RIM ELEVATION	INVERT (S)
DOUBLE CB1	190.00	12" OUT=187.00 S=0.01 TO DMH 1
DMH 1	190.70	12" INV=186.90 8" OUT=186.40 TO SEPARATOR ROW (CULTEC 1) 8" OUT=186.72 TO HEADER
CLEANOUT DMH 3	193.00	24" INV=186.10 S=0.00
DOUBLE CB 2	190.00	12" @ 187.00 S=0.006 TO DMH 2
DMH 2	191.20	12" INV IN=186.85 8" OUT=186.65 TO SEPARATOR ROW (CULTEC 2) 8" OUT=186.65 TO HEADER
CLEANOUT DMH 4	192.80	24" INV=186.60 S=0.00
DMH 5	195.85	6" INV IN=192.00 6" INVS OUT = 191.40
DMH 6	194.60	6" INV IN=192.00 6" INVS OUT = 191.40

**NORTH WASHINGTON STREET (PUBLIC - 49.5' WIDTH)**

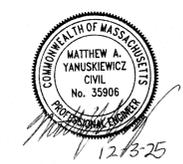


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**SITE & UTILITY IMPROVEMENTS**

**MAP 2 LOT 115**  
**104 NORTH WASHINGTON STREET, NORTH ATTLEBORO, MA 02760**

**Prepared For:**  
**SCRIBBLETIME**  
 451 ELM STREET, NORTH ATTLEBORO, MA 02760



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**Designed By: MAY**  
**Drawn By: CD Checked By: RWC**

**GRADING AND DRAINAGE PLAN**

**C-5**

Sheet Number: 5 of 10

SITE PLAN REVIEW

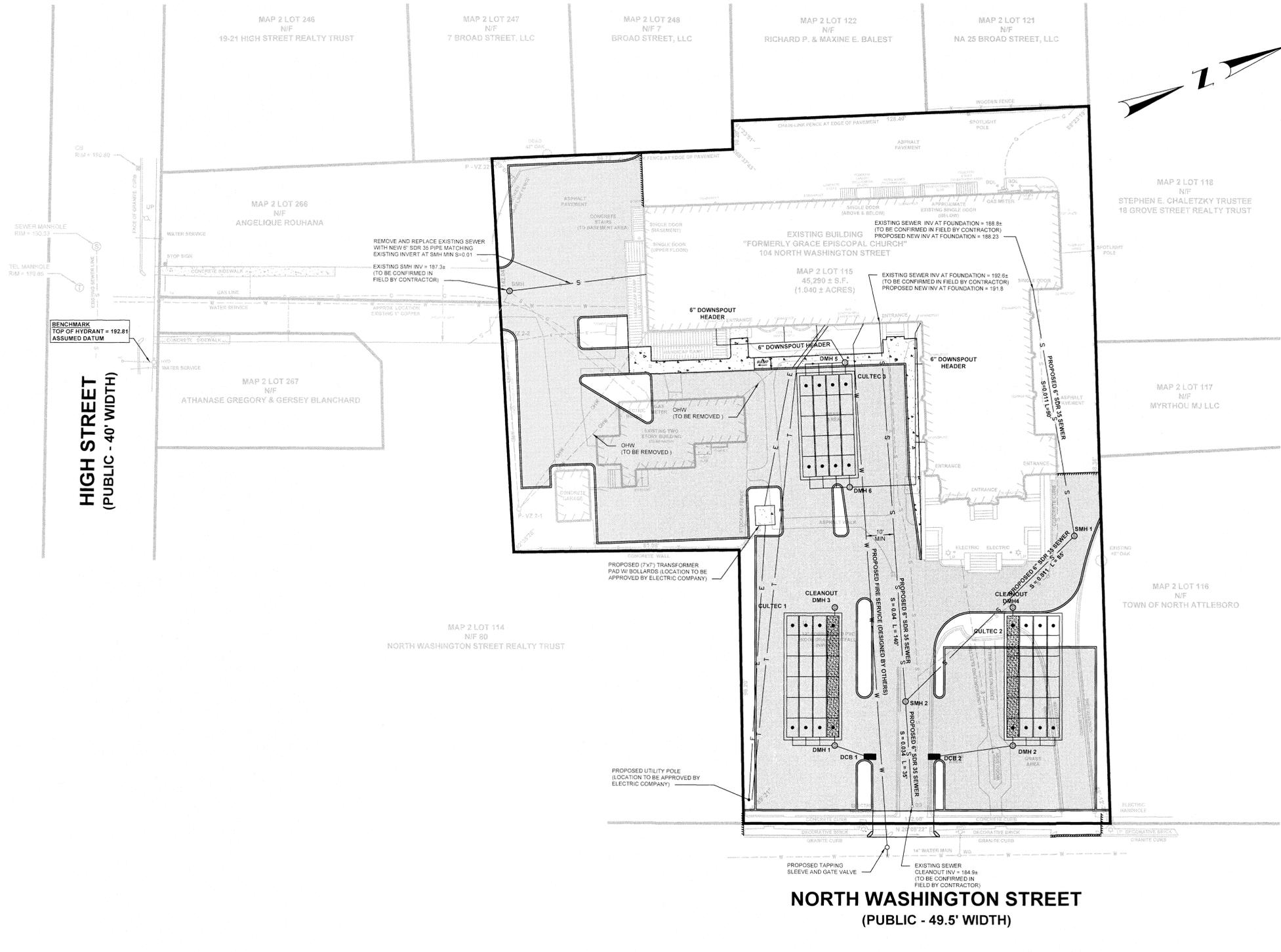


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P:13192 (MISC)13192-66 (SCRIBBLETIME NO ATTLEBORO)DWG:3 PROPOSED PLAN(13192-66) PROPOSED PLAN.DWG



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---	CONTOUR LINE	---
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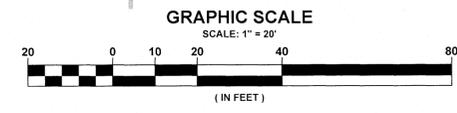
**SEWER STRUCTURES**

SMH 1	RIM = 193.10
6" INV IN = 187.24	6" INV OUT = 187.14
SMH 2	RIM = 191.00
6" INV IN = 186.20	6" INV OUT = 186.10

**SITE LIGHTING**

SITE LIGHTING (DESIGNED BY OTHERS) TO BE MOUNTED ON BUILDING WITH 20' SPLASH OVER ENDING AT PROPERTY LINES.

**NORTH WASHINGTON STREET  
(PUBLIC - 49.5' WIDTH)**



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Drawn By: CD Checked By: RWC

Sheet Title:

**UTILITY PLAN**

**C-6**

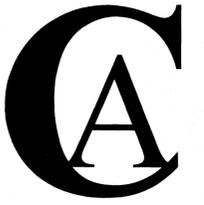
Sheet Number: 6 of 10

SITE PLAN REVIEW









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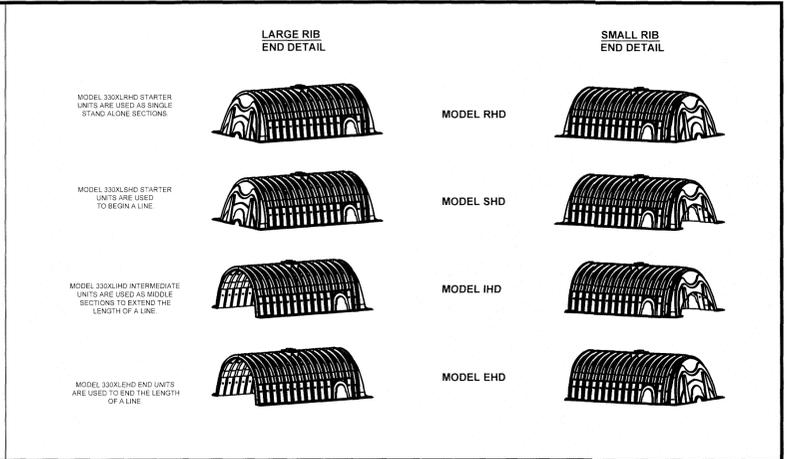
Sheet Title:

**CULTEC DETAIL 2**

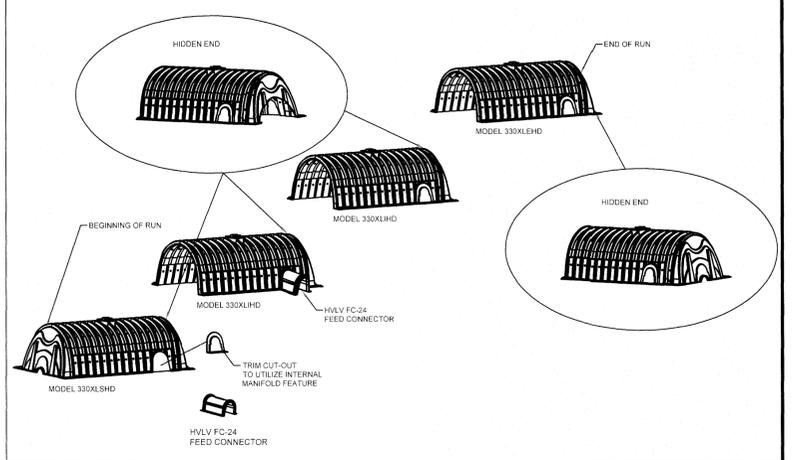
**C-10**

Sheet Number: 10 of 10

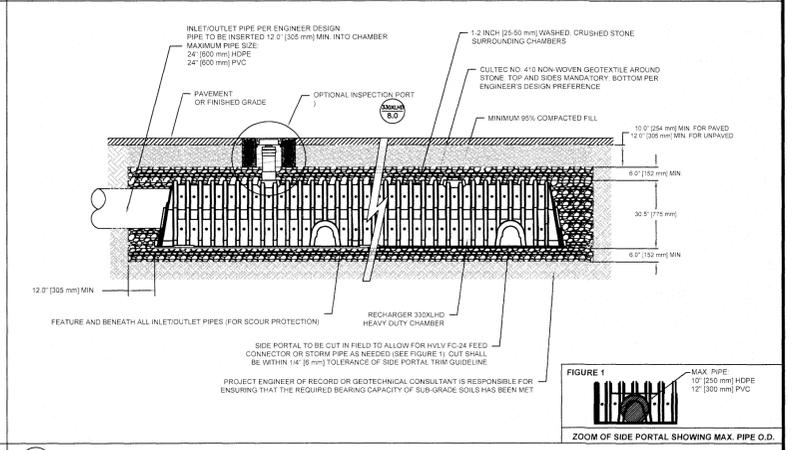
SITE PLAN REVIEW



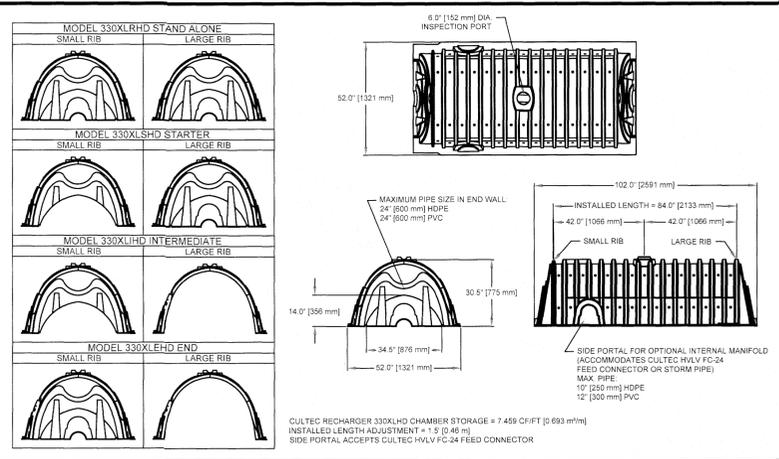
**CULTEC RECHARGER 330XLHD HEAVY DUTY END DETAIL INFORMATION**



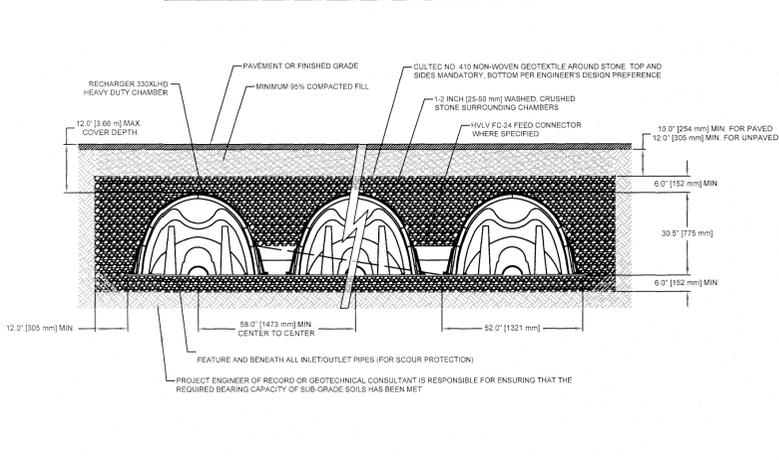
**CULTEC RECHARGER 330XLHD HEAVY DUTY TYPICAL INTERLOCK**



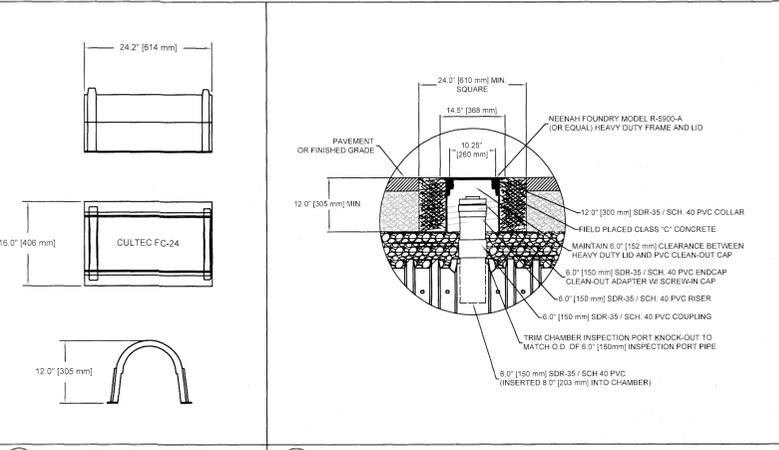
**CULTEC INTERNAL MANIFOLD- OPTIONAL INSPECTION PORT DETAIL**



**CULTEC RECHARGER 330XLHD HEAVY DUTY THREE VIEW**



**CULTEC RECHARGER 330XLHD HEAVY DUTY CROSS SECTION**



**OPTIONAL INSPECTION PORT- ZOOM DETAIL**

**CULTEC RECHARGER 330XLHD PRODUCT SPECIFICATIONS**

**GENERAL**  
CULTEC RECHARGER 330XLHD CHAMBERS ARE DESIGNED FOR UNDERGROUND STORMWATER MANAGEMENT. THE CHAMBERS MAY BE USED FOR RETENTION, RECHARGING, DETENTION OR CONTROLLING THE FLOW OF ON-SITE STORMWATER RUNOFF.

**CHAMBER PARAMETERS**

1. THE CHAMBERS SHALL BE MANUFACTURED BY CULTEC, INC. OF BROOKFIELD, CT, USA (203-775-4416 OR 1-800-428-5832)
2. THE CHAMBER SHALL BE VACUUM THERMOFORMED OF HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHYLENE (HDPE) WITH A BLACK INTERIOR AND BLUE EXTERIOR.
3. THE CHAMBER SHALL BE ARCHED IN SHAPE.
4. THE CHAMBER SHALL BE OPEN-BOTTOMED.
5. THE CHAMBER SHALL BE JOINED USING AN INTERLOCKING OVERLAPPING RIB METHOD. CONNECTIONS MUST BE FULLY SHOULDERED OVERLAPPING RIBS, HAVING NO SEPARATE COUPLINGS OR SEPARATE END WALLS.
6. THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC RECHARGER 330XLHD SHALL BE 33.5 INCHES (854 mm) TALL, 52 INCHES (1321 mm) WIDE AND 9 FEET (2.74 m) LONG. THE INSTALLED LENGTH OF A JOINED RECHARGER 330XLHD SHALL BE 7 FEET (2.13 m).
7. MAXIMUM INLET OPENING ON THE CHAMBER ENDWALL IS 24 INCHES (600 mm) HDPE FEED CONNECTORS TO CREATE AN INTERNAL MANIFOLD. THE NOMINAL DIMENSIONS WIDE MAXIMUM ALLOWABLE OUTER DIAMETER (O.D.) PIPE SIZE IN THE SIDE PORTAL IS 12 INCHES (305 mm).
8. THE CHAMBER SHALL HAVE TWO SIDE PORTALS TO ACCEPT CULTEC HVLV FC-24 FEED CONNECTORS TO CREATE AN INTERNAL MANIFOLD. THE NOMINAL DIMENSIONS WIDE MAXIMUM ALLOWABLE OUTER DIAMETER (O.D.) PIPE SIZE IN THE SIDE PORTAL IS 12 INCHES (305 mm) TALL, 16 INCHES (406 mm) WIDE AND 24 INCHES (614 mm) LONG.
9. THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC HVLV FC-24 FEED CONNECTOR SHALL BE 12 INCHES (305 mm) TALL, 16 INCHES (406 mm) WIDE AND 24 INCHES (614 mm) LONG.
10. THE NOMINAL STORAGE VOLUME OF THE RECHARGER 330XLHD CHAMBER SHALL BE JOINED RECHARGER 330XLHD SHALL BE 52.213 FT<sup>3</sup> / UNIT (1.478 m<sup>3</sup> / UNIT) - WITHOUT STONE.
11. THE NOMINAL STORAGE VOLUME OF THE HVLV FC-24 FEED CONNECTOR SHALL BE 0.913 FT<sup>3</sup> / FT (0.086 m<sup>3</sup> / m) - WITHOUT STONE.
12. THE RECHARGER 330XLHD CHAMBER SHALL HAVE FIFTY-SIX DISCHARGE HOLES BORED INTO THE SIDEWALLS OF THE UNIT'S CORE TO PROMOTE LATERAL CONVEYANCE OF WATER.
13. THE RECHARGER 330XLHD CHAMBER SHALL HAVE 16 CORRUGATIONS.
14. THE ENDWALL OF THE CHAMBER, WHEN PRESENT, SHALL BE AN INTEGRAL PART OF THE CONTINUOUSLY FORMED UNIT. SEPARATE END PLATES CANNOT BE USED WITH THIS UNIT.
15. THE RECHARGER 330XLHD STAND ALONE UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO FULLY FORMED INTERNAL ENDWALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS.
16. THE RECHARGER 330XLHD STARTER UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY FORMED INTEGRAL ENDWALL AND ONE PARTIALLY FORMED INTEGRAL ENDWALL WITH A LOWER TRANSFER OPENING OF 14 INCHES (356 mm) HIGH X 34.5 INCHES (876 mm) WIDE.
17. THE RECHARGER 330XLHD INTERMEDIATE UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY OPEN ENDWALL AND ONE PARTIALLY FORMED INTEGRAL ENDWALL WITH A LOWER TRANSFER OPENING OF 14 INCHES (356 mm) HIGH X 34.5 INCHES (876 mm) WIDE.
18. THE RECHARGER 330XLHD END UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY FORMED INTEGRAL ENDWALL AND ONE FULLY OPEN END WALL AND HAVING NO SEPARATE END PLATES OR END WALLS.
19. THE HVLV FC-24 FEED CONNECTOR MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO OPEN END WALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS. THE UNIT SHALL FIT INTO THE SIDE PORTALS OF THE RECHARGER 330XLHD AND ACT AS GROSS FEED CONNECTIONS.
20. CHAMBERS MUST HAVE HORIZONTAL STIFFENING FLEX REDUCTION STEPS BETWEEN THE RIBS.
21. THE CHAMBER SHALL HAVE A 6 INCH (152 mm) DIAMETER REUSED INTEGRAL CAP AT THE TOP OF THE ARCH IN THE CENTER OF EACH UNIT TO BE USED AS AN OPTIONAL INSPECTION PORT OR CLEAN-OUT.
22. THE UNITS MAY BE TRIMMED TO CUSTOM LENGTHS BY CUTTING BACK TO ANY CORRUGATION.
23. THE CHAMBER SHALL BE MANUFACTURED IN AN ISO 9001:2015 CERTIFIED FACILITY.
24. THE CHAMBER SHALL BE DESIGNED AND MANUFACTURED TO MEET THE MATERIAL AND STRUCTURAL REQUIREMENTS OF ASTM D1535, INCLUDING RESISTANCE TO AIRBORNE AND HIGHWAY TRAFFIC LOADS, WHEN INSTALLED IN ACCORDANCE WITH CULTEC'S INSTALLATION INSTRUCTIONS.
25. THE CHAMBER SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE SPECIFICATIONS OF NSAI RIBBING AGREEMENT BOARD CERTIFICATE FOR CULTEC ATTENUATION AND INFILTRATION.
26. MAXIMUM ALLOWED COVER OVER TOP OF UNIT SHALL BE 12 FEET (3.66 m).
27. THE CHAMBER SHALL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.

**CULTEC NO. 410™ NON-WOVEN GEOTEXTILE**

**GENERAL**  
CULTEC NO. 410™ NON-WOVEN GEOTEXTILE MAY BE USED WITH CULTEC CONTACTORS AND RECHARGERS. STORMWATER INSTALLATIONS TO PROVIDE A BARRIER THAT PREVENTS SOIL INTRUSION INTO THE STONE.

**GEOTEXTILE PARAMETERS**

1. THE GEOTEXTILE SHALL BE PROVIDED BY CULTEC, INC. OF BROOKFIELD, CT, (203-775-4416 OR 1-800-428-5832)
2. THE GEOTEXTILE SHALL BE BLACK IN APPEARANCE.
3. THE GEOTEXTILE SHALL HAVE A TYPICAL WEIGHT OF 4.5 OZ/SY (142 G/M<sup>2</sup>).
4. THE GEOTEXTILE SHALL HAVE A TENSILE STRENGTH VALUE OF 120 LBS (533 N) PER ASTM D4632 TESTING METHOD.
5. THE GEOTEXTILE SHALL HAVE AN ELONGATION @ BREAK VALUE OF 50% PER ASTM D4632 TESTING METHOD.
6. THE GEOTEXTILE SHALL HAVE A MULLEN BURST VALUE OF 225 PS1 (1551 KPA) PER ASTM D3786 TESTING METHOD.
7. THE GEOTEXTILE SHALL HAVE A PUNCTURE STRENGTH VALUE OF 65 LBS (289 N) PER ASTM D4811 TESTING METHOD.
8. THE GEOTEXTILE SHALL HAVE A CBR PUNCTURE VALUE OF 340 LBS (1513 N) PER ASTM D6241 TESTING METHOD.
9. THE GEOTEXTILE SHALL HAVE A TRAPEZOIDAL TEAR VALUE OF 30 X 30% PER ASTM D4533 TESTING METHOD.
10. THE GEOTEXTILE SHALL HAVE A ADS VALUE OF 70 U.S. SEIVE (0.212 MM) PER ASTM D4751 TESTING METHOD.
11. THE GEOTEXTILE SHALL HAVE A PERMITTIVITY VALUE OF 1.7 SEC-1 PER ASTM D4991 TESTING METHOD.
12. THE GEOTEXTILE SHALL HAVE A WATER FLOW RATE VALUE OF 135 GAL/MIN/SPF (5500 L/MIN/SPM) PER ASTM D4493 TESTING METHOD.
13. THE GEOTEXTILE SHALL HAVE A UV STABILITY @ 500 HOURS VALUE OF 70% PER ASTM D4355 TESTING METHOD.

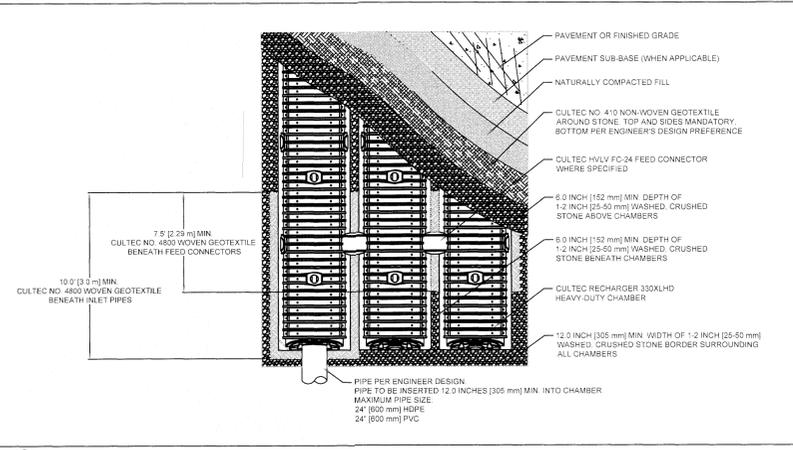
**CULTEC NO. 4800™ WOVEN GEOTEXTILE**

**GENERAL**  
CULTEC NO. 4800™ WOVEN GEOTEXTILE IS DESIGNED AS AN UNDERLAYMENT TO PREVENT SCOURING. IT MAY ALSO BE USED AS A COMPONENT OF THE CULTEC SEPARATOR ROW TO ACT AS A BARRIER TO PREVENT SOIL/CONTAMINANT INTRUSION INTO THE STONE WHILE ALLOWING FOR MAINTENANCE.

**GEOTEXTILE PARAMETERS**

1. THE GEOTEXTILE SHALL BE PROVIDED BY CULTEC, INC. OF BROOKFIELD, CT, (203-775-4416 OR 1-800-428-5832)
2. THE GEOTEXTILE SHALL BE BLACK IN APPEARANCE.
3. THE GEOTEXTILE SHALL HAVE A TENSILE STRENGTH OF 550 X 550 LBS (2,448 X 2,448 N) PER ASTM D4632 TESTING METHOD.
4. THE GEOTEXTILE SHALL HAVE AN ELONGATION @ BREAK RESISTANCE OF 20 X 30% PER ASTM D4632 TESTING METHOD.
5. THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE OF 5,070 X 5,070 LBS/FT (74 X 74 KN/M) PER ASTM D4595 TESTING METHOD.
6. THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE @ 2% STRAIN OF 950 X 1,096 LB/FT (14 X 16 KN/M) PER ASTM D4595 TESTING METHOD.
7. THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE @ 5% STRAIN OF 2,740 X 2,740 LB/FT (60 X 60 KN/M) PER ASTM D4595 TESTING METHOD.
8. THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE @ 10% STRAIN OF 4,800 X 4,800 LB/FT (10 X 10 KN/M) PER ASTM D4595 TESTING METHOD.
9. THE GEOTEXTILE SHALL HAVE A CBR PUNCTURE RESISTANCE OF 1,700 LBS (7,543 N) PER ASTM D6241 TESTING METHOD.
10. THE GEOTEXTILE SHALL HAVE A TRAPEZOIDAL TEAR RESISTANCE OF 180 X 180 LBS (801 X 801 N) PER ASTM D4533 TESTING METHOD.
11. THE GEOTEXTILE SHALL HAVE AN APPARENT TENSILE STRENGTH OF 40 US STD. SEIVE (0.425 MM) PER ASTM D4533 TESTING METHOD.
12. THE GEOTEXTILE SHALL HAVE A PERMITTIVITY RATING OF 0.15 SEC-1 PER ASTM D4991 TESTING METHOD.
13. THE GEOTEXTILE SHALL HAVE A WATER FLOW RATING OF 11.5 GPM/FT<sup>2</sup> (410 L/M/MIN) PER ASTM D4493 TESTING METHOD.
14. THE GEOTEXTILE SHALL HAVE A UV RESISTANCE OF 80% @ 500 HRS. PER ASTM D4355 TESTING METHOD.

**GENERAL NOTES**



**CULTEC RECHARGER 330XLHD HEAVY DUTY PLAN VIEW**

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THIS DRAWING WAS PREPARED TO SUPPORT THE PROJECT ENGINEER OF RECORD FOR THE PROPOSED SYSTEM. IT IS THE ULTIMATE RESPONSIBILITY OF THE PROJECT ENGINEER OF RECORD TO ENSURE THAT THE CULTEC SYSTEMS DESIGN IS IN FULL COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. IT IS THE PROJECT ENGINEER OF RECORD'S RESPONSIBILITY TO ENSURE THAT THE CULTEC PRODUCTS ARE DESIGNED IN ACCORDANCE WITH CULTEC'S MINIMUM REQUIREMENTS. CULTEC DOES NOT APPROVE PLANS, SIZING, OR SYSTEM DESIGN.

**CULTEC HVLV FC-24 FEED CONNECTOR THREE VIEW**

**OPTIONAL INSPECTION PORT- ZOOM DETAIL**

**CULTEC INTERNAL MANIFOLD- OPTIONAL INSPECTION PORT DETAIL**

**CULTEC STORMWATER CHAMBER**

PROJECT NO:	DATE:	2019
DESIGNED BY: CULTEC, INC	CHECKED BY: TECH	
SCALE: N.T.S.	SHEET NO: 1 OF 1	

P-13192 (MISC)13192-66 (SRIBBLETIME) NO ATTLEBORO(DWG) COVER NOTES DETAILS PLAN.DWG