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LEGEND

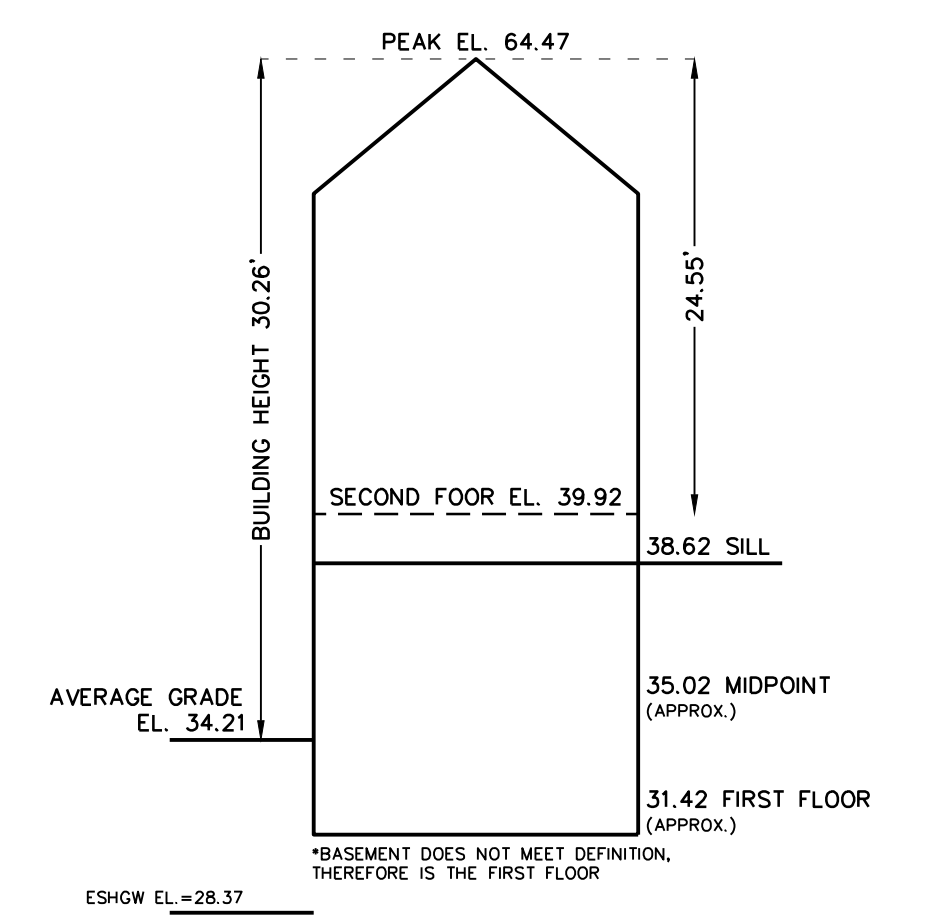
BUILDING	
PROPERTY LINE W/ BEARING DISTANCE	
CONTOUR	
STOCKADE FENCE	
CHAINLINK FENCE	
PICKET FENCE	
SEWER LINE	
DRAIN LINE	
WATER LINE	
GAS LINE	
GAS VALVE	
WATER VALVE	
DRAIN MANHOLE	
SEWER MANHOLE	
CATCH BASIN	
UTILITY POLE	
LIGHT POLE	
DECIDUOUS TREE	
CONIFEROUS TREE	
FIRE HYDRANT	

MIDDLESEX COUNTY REGISTRY OF DEEDS

DEED REFERENCE
BOOK 71925 PAGE 403

PLAN REFERENCE
BOOK 143 PAGE 32

OWNER OF RECORD
MCCARTHY EDMUND J

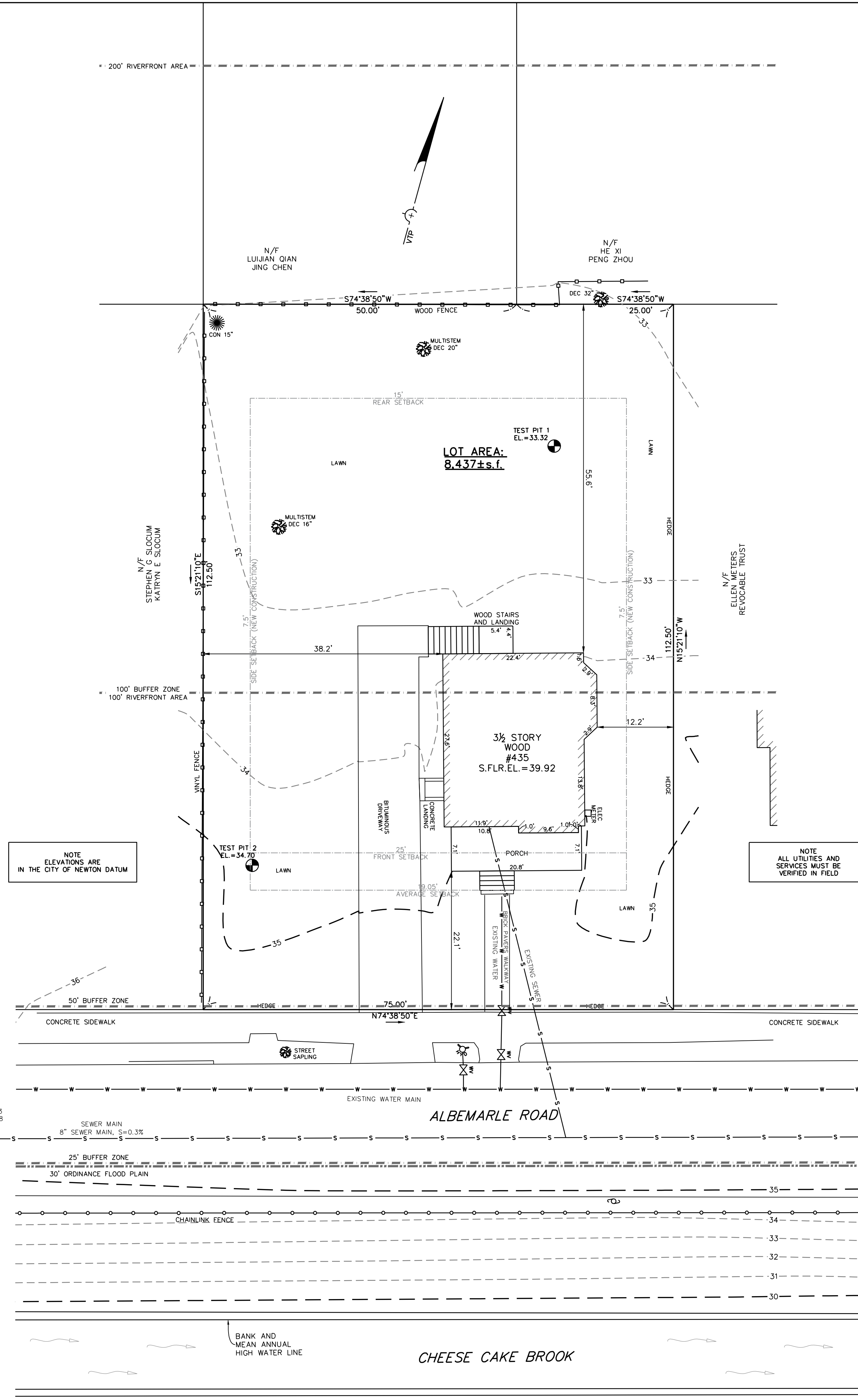
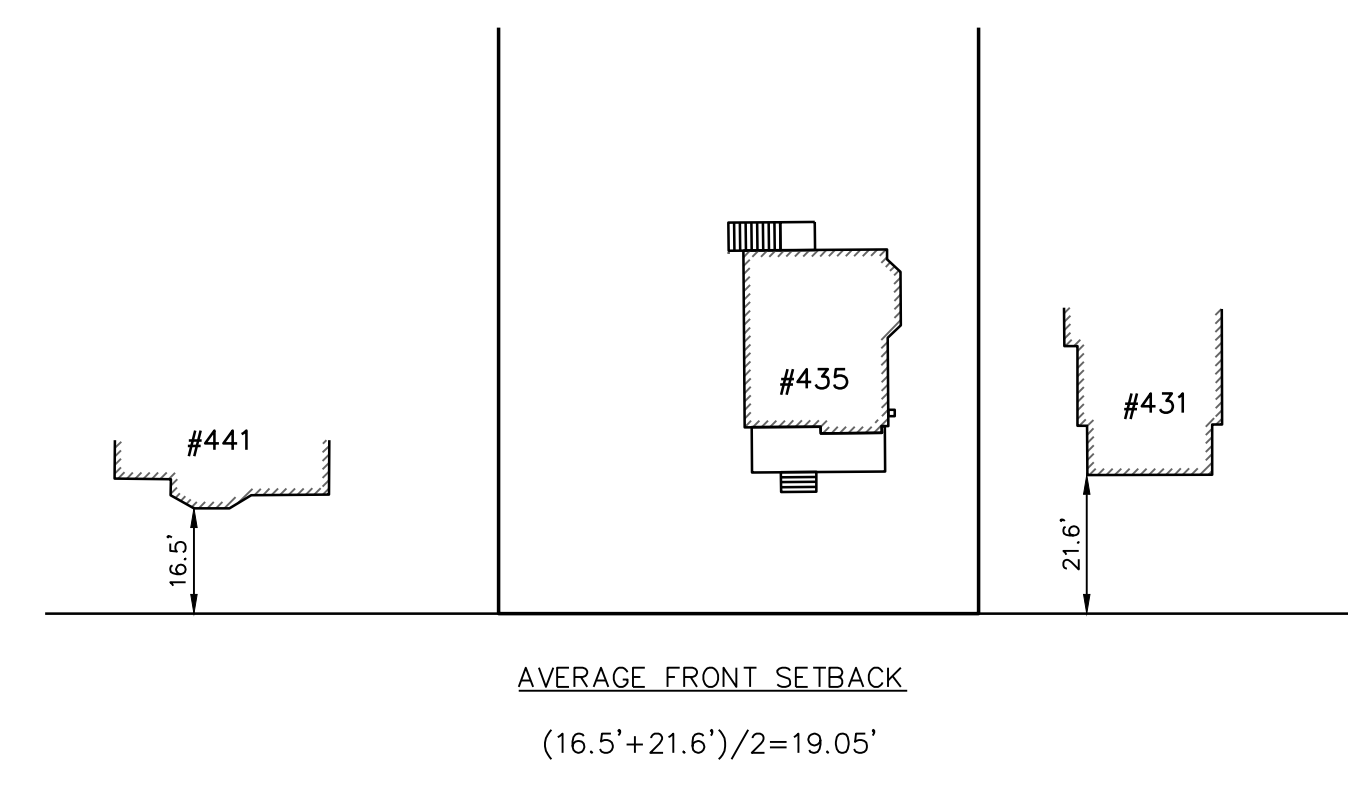


EXISTING BUILDING HEIGHT
NOT TO SCALE

Length Weighted Mean
Existing Conditions Average Grade Calculation

A Segment	B Length Of Segment in Feet	C Height of High Point of Segment	D Height of Low Point of Segment	E E=(C+D)/2 Average Segment Height	F F=BxE
1	20.08	35.0	35.0	35.0	702.30 Sq. Ft.
2	7.10	34.6	34.6	34.6	245.91 Sq. Ft.
3	13.80	34.7	34.7	34.7	478.86 Sq. Ft.
4	8.30	34.7	34.2	34.5	286.02 Sq. Ft.
6	22.40	33.5	33.1	33.3	745.47 Sq. Ft.
7	27.60	34.5	33.2	33.9	934.54 Sq. Ft.
8	7.10	34.8	34.5	34.6	245.80 Sq. Ft.
Total	106.38				3638.89 Sq. Ft.

Total Column F / Total Column B = Average Grade
Average Grade: 34.21'



TESTPIT LOG

TEST PIT 1 (EL. = 32.32)
0-15" TOPSOIL
15-36" SUBSOIL
36-65" MEDIUM SAND
65"-100" LOAMY SAND WITH GRAVEL & COBBLES

MOTTLING @ 66" (EL. = 27.82)
WATER WEeping @ 72" (EL. = 27.32)
NO REFUSAL

TEST PIT 2 (EL. = 34.7)
0-6" TOPSOIL
6-24" FILL
24-30" TOPSOIL
30-72" MEDIUM SAND
72-100" LOAMY SAND WITH GRAVEL & COBBLES

MOTTLING @ 76" (EL. = 28.37)
NO REFUSAL

ZONING CHART
NEWTON, MASSACHUSETTS

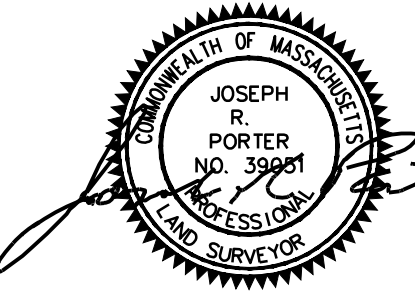
REGULATION	SUBMISSION: EXISTING	
	REQUIRED	EXISTING
LOT AREA	7,000s.f.	8,437±s.f.
LOT FRONTAGE	70.0'	75.0'
FRONT SETBACK	25.0'	22.1'
AVG. FRONT SETBACK	19.05'	
SIDE SETBACK	7.5'	12.2'
REAR SETBACK	15.0'	55.6'
BUILDING HEIGHT	36.0'	30.26'
AVERAGE GRADE	-	34.21
LOT COVERAGE	30.0%	9.3%
OPEN SPACE	50.0%	83.5%

TOPOGRAPHIC SITE PLAN
NEWTON, MASSACHUSETTS

SHOWING EXISTING CONDITIONS AT #435 ALBEMARLE ROAD

SCALE: 1in.=10ft. DATE: APRIL 12, 2023

PROJECT: 223115



VTP ASSOCIATES
INC.

LAND SURVEYORS - CIVIL ENGINEERS
132 ADAMS STREET 2ND FLOOR SUITE 3
NEWTON, MA 02458
(617) 332-8271

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LEGEND

BUILDING	
PROPERTY LINE W/ BEARING DISTANCE	
CONTOUR	
STOCKADE FENCE	
CHAINLINK FENCE	
PICKET FENCE	
SEWER LINE	
DRAIN LINE	
WATER LINE	
GAS LINE	
GAS VALVE	
WATER VALVE	
DRAIN MANHOLE	
SEWER MANHOLE	
CATCH BASIN	
UTILITY POLE	
LIGHT POLE	
DECIDUOUS TREE	
CONIFEROUS TREE	
FIRE HYDRANT	

MIDDLESEX COUNTY REGISTRY OF DEEDS

DEED REFERENCE
BOOK 71925 PAGE 403

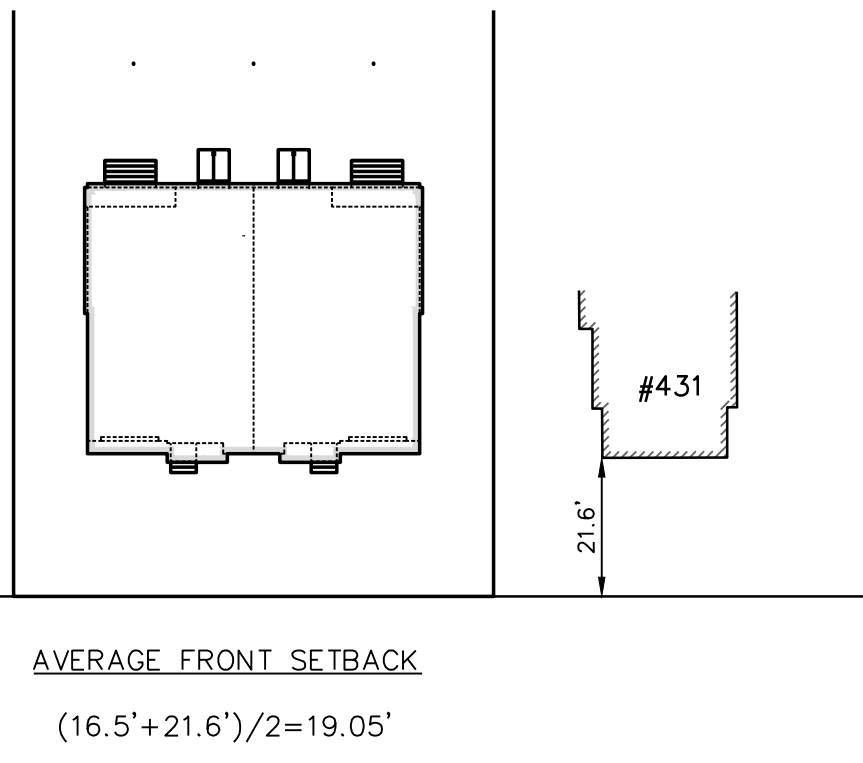
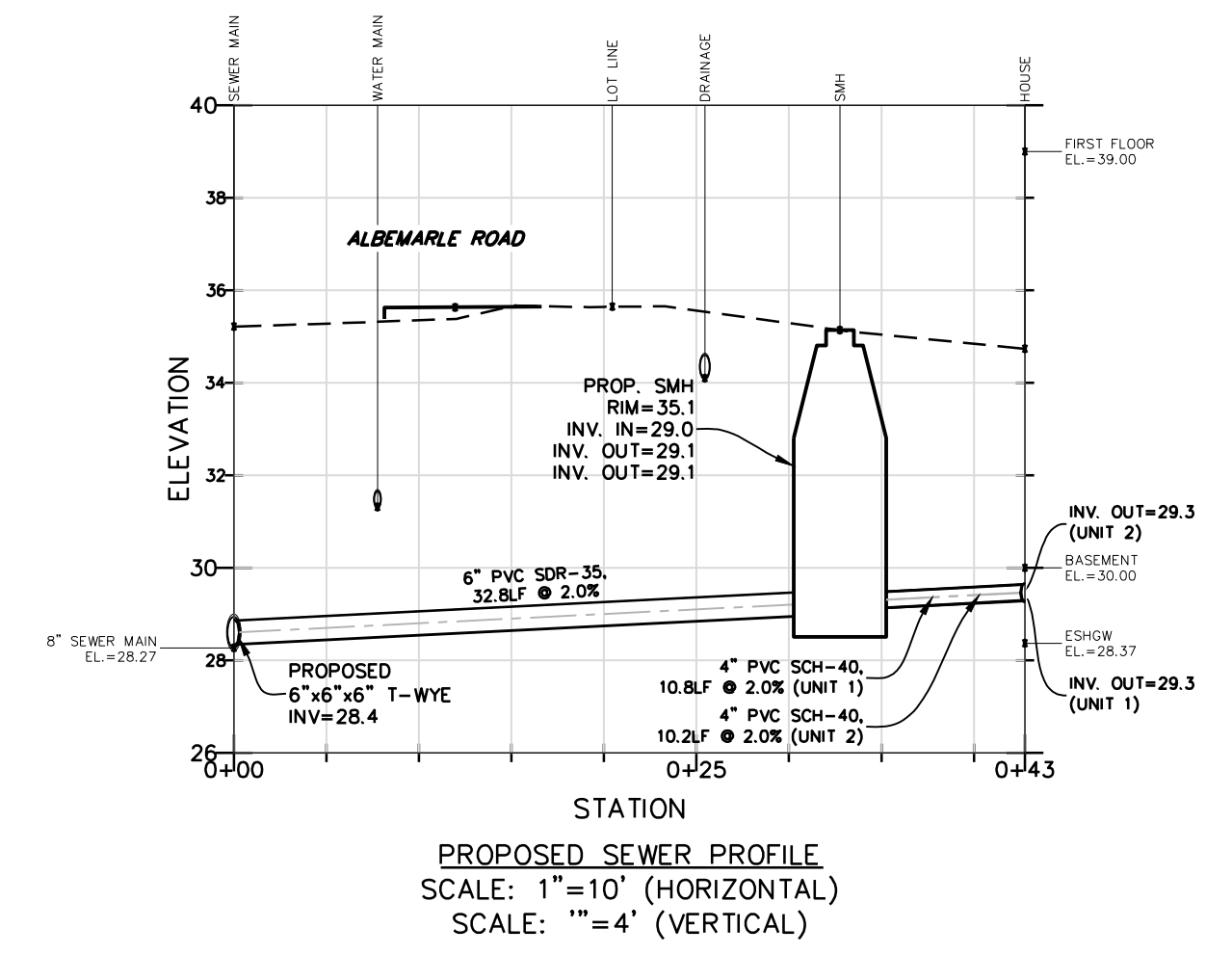
PLAN REFERENCE
BOOK 143 PAGE 32

OWNER OF RECORD
MCCARTHY EDMUND J

PHOSPHORUS LOAD CALCULATION

IMPERVIOUS AREAS	EXISTING	PROPOSED
BUILDING	1,222.1s.f.	2,420.0s.f.
DRIVEWAY	962.0s.f.	580.0s.f.
OTHER	160.8s.f.	642.0s.f.
TOTAL IMPERVIOUS AREAS	2,344.9s.f.	3,642.0s.f.

PHOSPHORUS LOAD FACTOR	1.96 lb./cc-year
EXISTING IMPERVIOUS AREA	0.0538 ac
PROPOSED IMPERVIOUS AREA	0.0836 ac
INFILTRATED AREA *	0.0756 ac
EXISTING PHOSPHORUS LOAD	0.1055 lb.-year
PROPOSED PHOSPHORUS LOAD	0.1639 lb.-year
PHOSPHORUS LOAD REDUCTION	0.1483 lb.-year
* SEE HYDROCAD DRAINAGE REPORT	
0.1483 / 0.1639 = 0.9048 --> 90.5%	



DIG SAFE

EXCAVATORS BEFORE YOU DIG CONTACT THE DIG SAFE CENTER TO PREVENT DAMAGE TO TELEPHONE, GAS OR ELECTRIC UNDERGROUND FACILITIES OF MEMBER UTILITIES. CALL TOLL FREE 1-888-344-7233. MASSACHUSETTS STATE LAW REQUIRES NOTIFICATION AT LEAST THREE BUSINESS DAYS BEFORE YOU START DIGGING OPERATIONS. IN AN EMERGENCY, CALL IMMEDIATELY.

SCALE: 1" = 10'

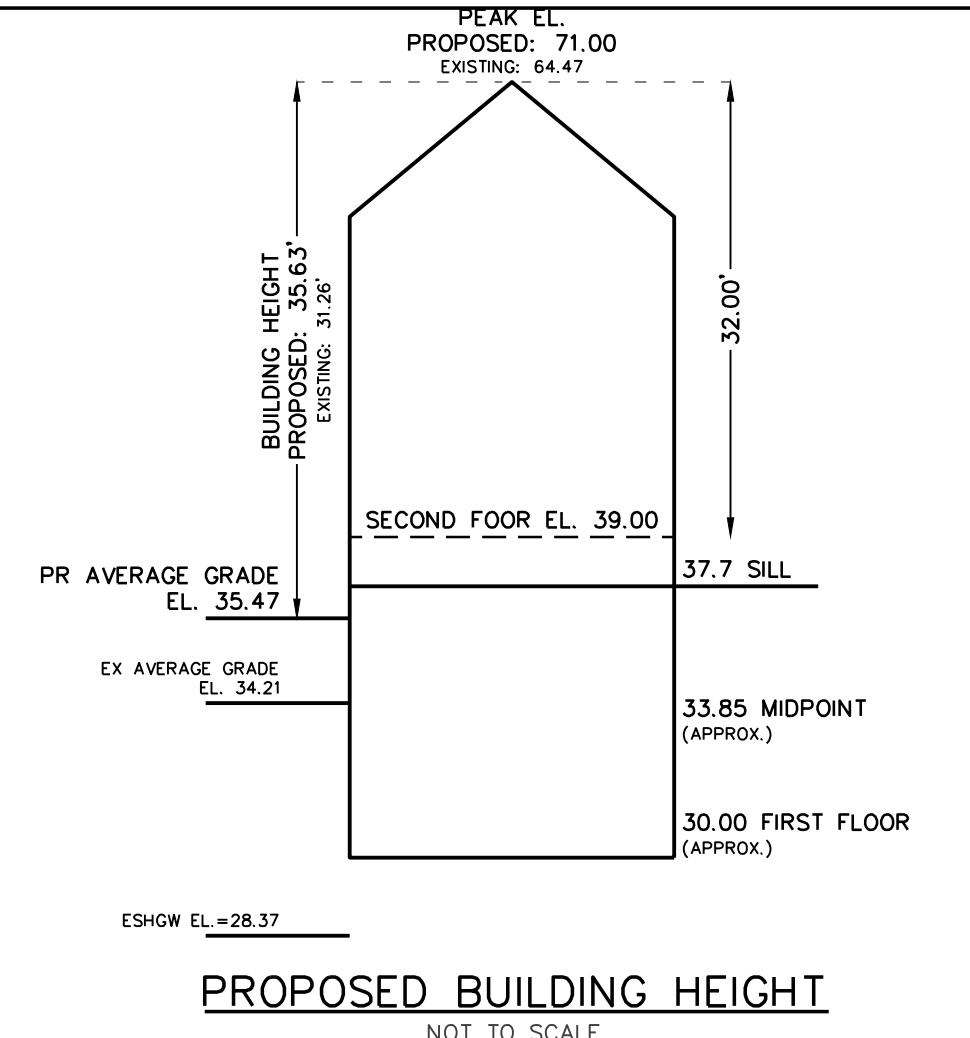
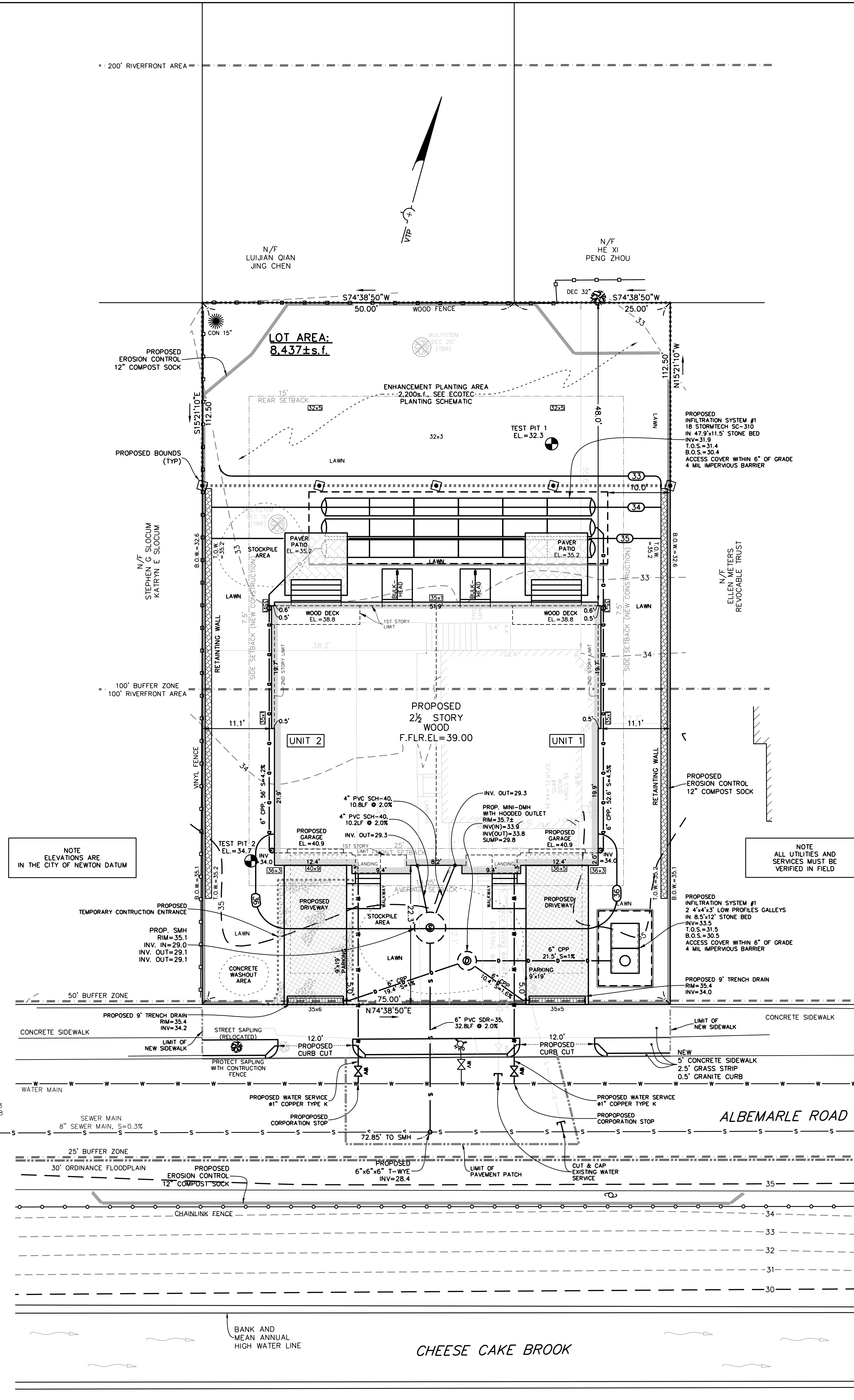
TESTPIT LOG

TEST PIT 1 (EL=32.3)
0-15" TOPSOIL
15-36" SUBSOIL
36-65" MEDIUM SAND
65"-100" LOAMY SAND WITH GRAVEL & COBBLES

MOTTLING @ 66" (EL=26.8)
WATER WEeping @ 72" (EL=26.3)
NO REFUSAL

TEST PIT 2 (EL=34.7)
0-6" TOPSOIL
6-24" FILL
24-30" TOPSOIL
30-72" MEDIUM SAND
72-100" LOAMY SAND WITH GRAVEL & COBBLES

MOTTLING @ 76" (EL=28.4)
NO REFUSAL



Length Weighted Mean Proposed Conditions Average Grade Calculation

Segment	A	B	C	D	E	F
	Length of Segment in Feet	Height of High Point of Segment	Height of Low Point of Segment	Es(C+D)/2 Average Segment Height	F=BxE	
1	12.4	36.4	36.4	36.4	451.36	Sq. Ft.
2	9.4	36.4	36.4	36.4	342.16	Sq. Ft.
3	8.2	36.3	36.3	36.3	297.66	Sq. Ft.
4	9.4	36.4	36.4	36.4	342.16	Sq. Ft.
6	12.4	36.4	36.4	36.4	451.36	Sq. Ft.
6	19.9	35.1	35.1	35.1	698.49	Sq. Ft.
7	19.7	35.1	35.1	35.1	691.47	Sq. Ft.
8	2.2	35.1	35.1	35.1	77.22	Sq. Ft.
	10.1	35.2	35.2	35.2	355.52	Sq. Ft.
	28.5	35.1	35.1	35.1	1001.05	Sq. Ft.
	10.1	35.2	35.2	35.2	355.52	Sq. Ft.
9	19.7	35.1	35.1	35.1	691.47	Sq. Ft.
10	21.9	35.1	35.1	35.1	768.69	Sq. Ft.
Total	186.12				6801.35	Sq. Ft.

Total Column F / Total Column B = Average Grade
Average Grade: 35.47'

DEGRADED RIVERFRONT AREA CALCULATION

	EXISTING	PROPOSED
BUILDING (1ST FLOOR)	788.1s.f.	2,013.5s.f.
DRIVEWAY(S)	602.0s.f.	486.0s.f.
FRONT WALKWAY(S) AND STAIRS	114.9s.f.	80.2s.f.
RETAINING WALL	0.0s.f.	133.4s.f.
TOTAL DEGRADED AREAS	1,505.0s.f.	2,579.7s.f.

ENHANCEMENT PLANTING AREA:
 o 2,580s.f. = 1,505s.f. + 1,075s.f.
 o 1,075s.f. x 2 = 2,150s.f.

2,150s.f. REQUIRED BY REGULATION;
2,200s.f. PROVIDED

ZONING CHART
NEWTON, MASSACHUSETTS

REGULATION	ZONE: MR-1 (OLD)		PROPOSED
	REQUIRED	EXISTING	
LOT AREA	7,000s.f.	8,437±s.f.	N/C
LOT FRONTAGE	70.0'	75.0'	N/C
FRONT SETBACK	25.0'	22.1'	22.3'
AVG. FRONT SETBACK	19.05'		
SIDE SETBACK	7.5'	12.2'	11.1'
REAR SETBACK	15.0'	55.6'	48.0'
BUILDING HEIGHT	36.0'	31.26'	35.53'
AVERAGE GRADE	-	32.21	35.47
LOT COVERAGE	30.0%	9.3%	26.5%
OPEN SPACE	50.0%	83.5%	67.6%

TOPOGRAPHIC SITE PLAN
NEWTON, MASSACHUSETTS
SHOWING PROPOSED CONDITIONS AT #435 ALBEMARLE ROAD

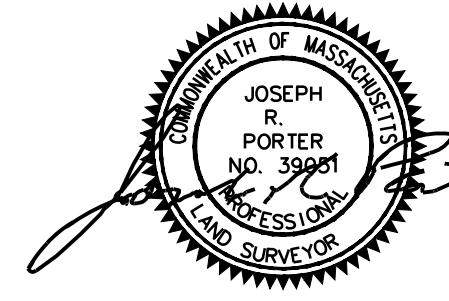
SCALE: 1in.=10ft. DATE: APRIL 12, 2023

PROJECT: 223115

VTP ASSOCIATES INC.

LAND SURVEYORS - CIVIL ENGINEERS
132 ADAMS STREET 2ND FLOOR SUITE 3
NEWTON, MA 02458
(617) 332-8271

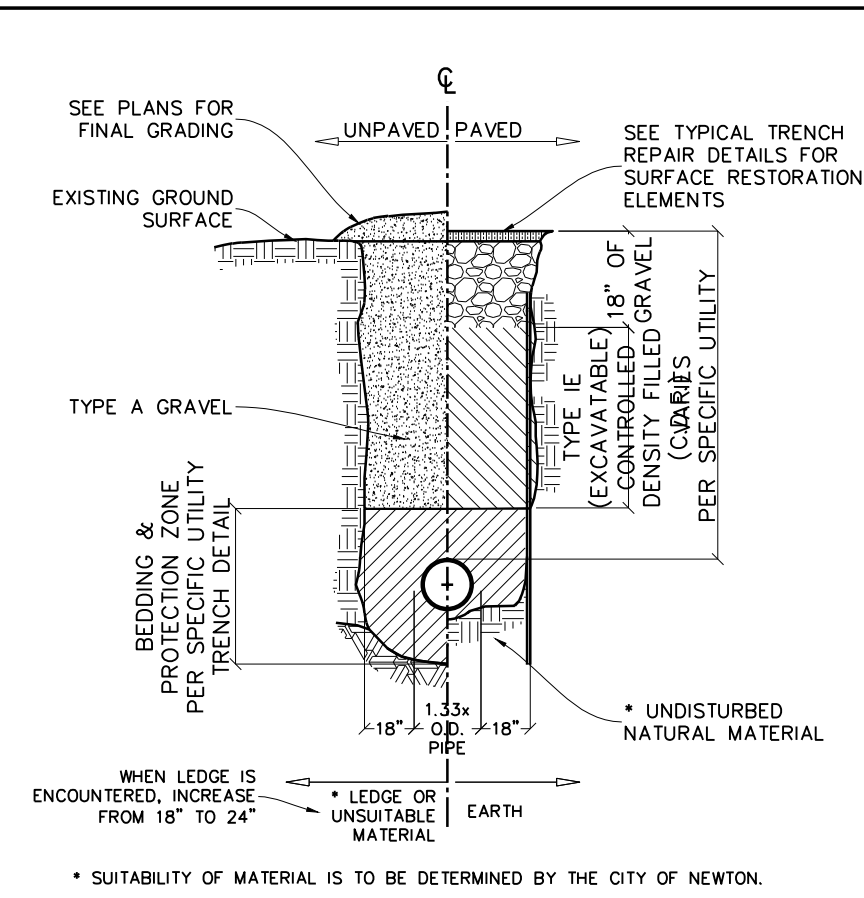
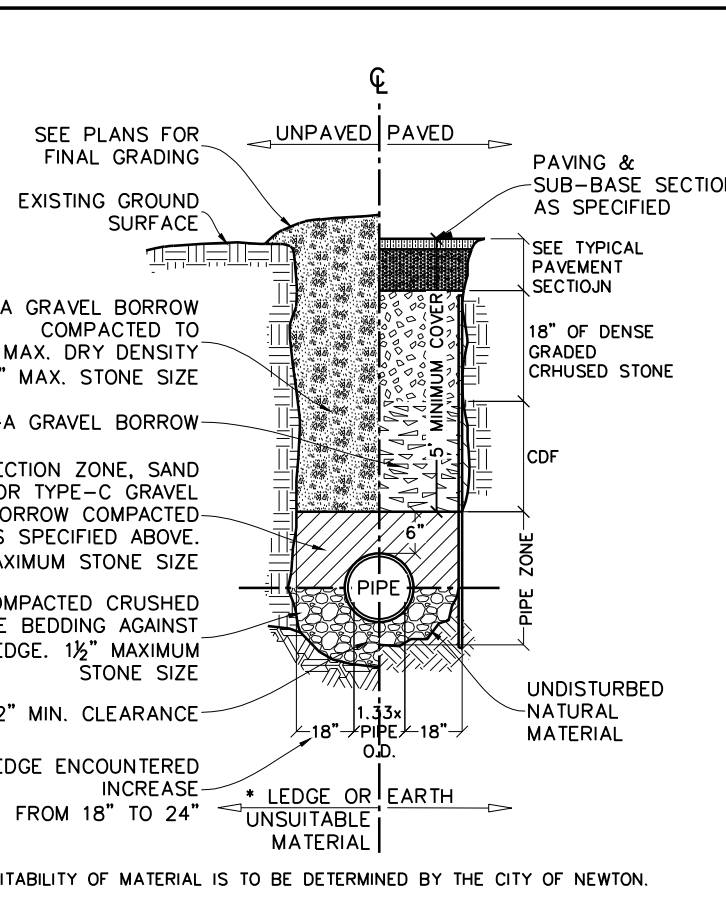
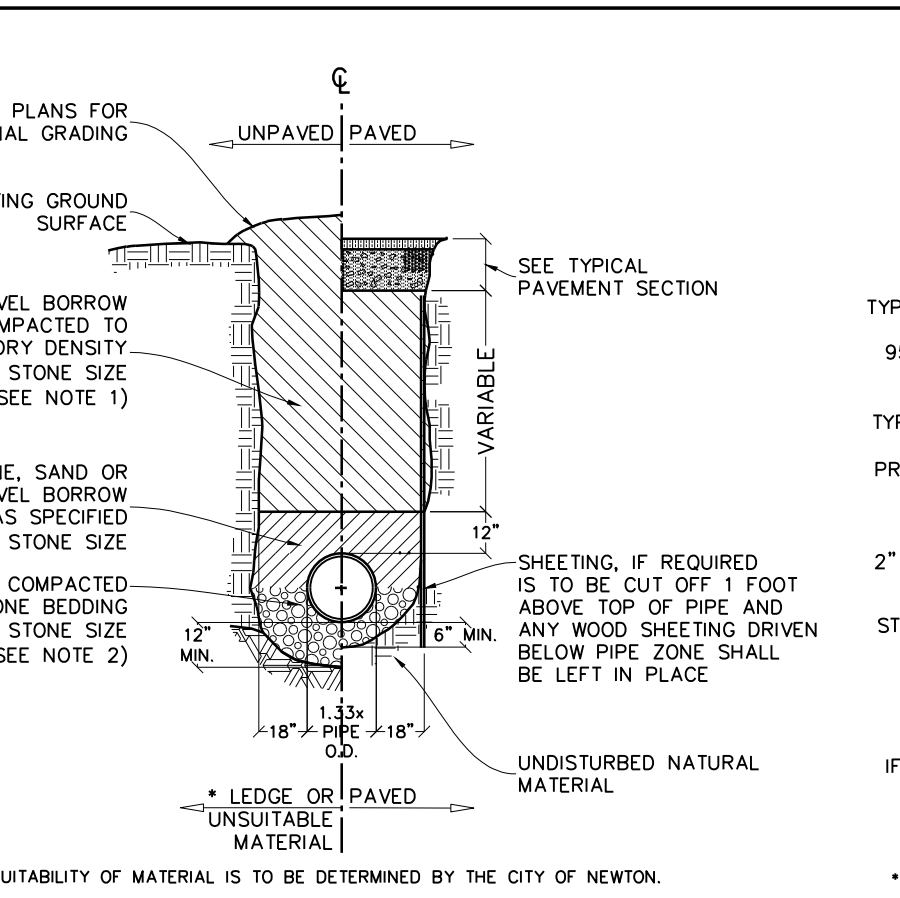
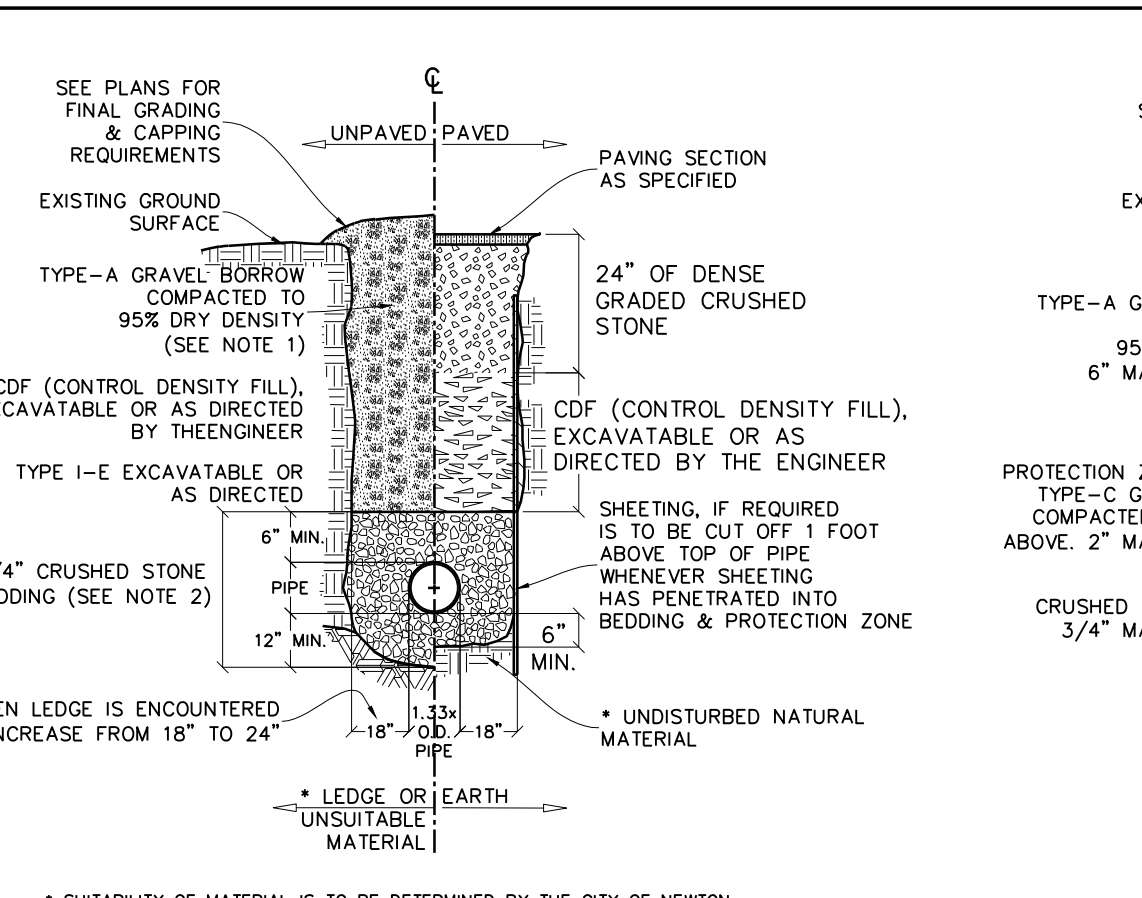
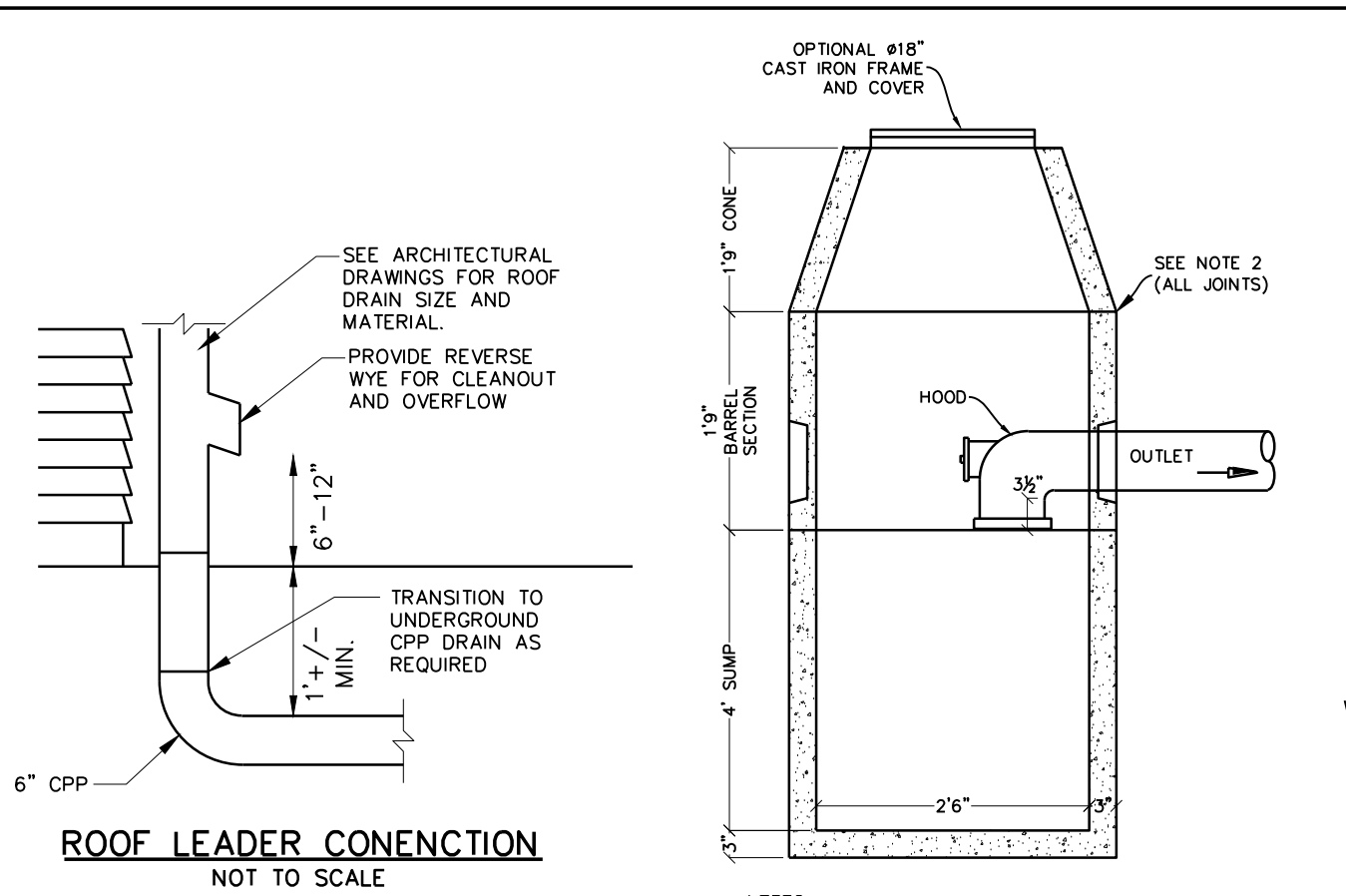
SHEET 2 OF 3



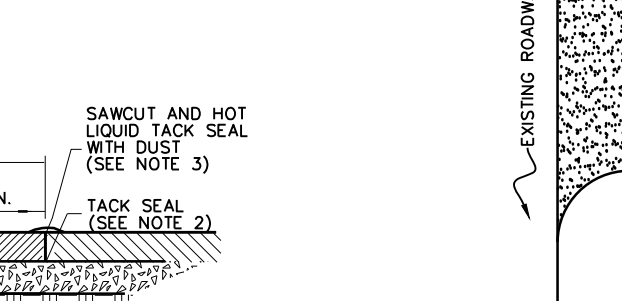
GENERAL & UTILITIES NOTES:

1. THE APPLICANT WILL HAVE TO APPLY FOR STREET OPENING, UTILITY CONNECTION, AND AN INSTALL CURB & SIDEWALK PERMITS WITH THE DPW PRIOR TO START OF WORK.
2. AFTER ALL ENGINEERING PERMITS ARE OBTAINED, THE CONTRACTOR NEEDS TO NOTIFY THE ENGINEERING DIVISION CONSTRUCTION INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AND SCHEDULE AN APPOINTMENT TO HAVE SITE UTILITIES AND STORMWATER COMPONENTS INSPECTED. THE SYSTEM & UTILITIES MUST BE FULLY EXPOSED FOR THE INSPECTOR TO SATISFY THE SYSTEM & UTILITIES MAY BE BACKFILLED.
3. THE CONTRACTOR MUST PROVIDE POLICE DETAILS, SCHEDULED 48 HOURS IN ADVANCE, FOR THE DIRECTION AND CONTROL OF TRAFFIC, AS REQUIRED BY THE CITY ENGINEER. ALL ROADS AFFECTED BY CONSTRUCTION SHALL ALWAYS REMAIN OPEN TO EMERGENCY VEHICLES. CONTRACTOR TO COORDINATE WITH POLICE AND FIRE DEPARTMENT TO ENSURE PUBLIC SAFETY.
4. ALL WORK MUST BE DONE IN ACCORDANCE WITH CITY OF NEWTON STANDARD SPECIFICATIONS AND CITY OF NEWTON CONSTRUCTION DETAILS; COPIES OF WHICH MAY BE OBTAINED AT THE ENGINEERING OFFICE. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE CITY OF NEWTON ENGINEERING DIVISION.
5. AS OF JANUARY 1, 2009, ALL TRENCH EXCAVATION CONTRACTORS SHALL COMPLY WITH MASSACHUSETTS GENERAL LAWS CHAPTER 28A, TRENCH EXCAVATION SAFETY REQUIREMENTS, TO PROTECT THE PUBLIC FROM UNAUTHORIZED ACCESS TO UNATTENDED TRENCHES. TRENCH EXCAVATION PERMIT REQUIRED. THIS APPLIES TO ALL TRENCHES, BOTH ON PUBLIC AND/OR PRIVATE PROPERTY.
6. NO EXCAVATION IS ALLOWED WITHIN ANY CITY RIGHT-OF-WAY BETWEEN NOVEMBER 15TH AND APRIL 15TH. IF AN EMERGENCY EXISTS OR THERE ARE EXTENUATING CIRCUMSTANCES, APPLICANT MAY SEEK PERMISSION FOR SUCH WORK FROM THE CITY DPW COMMISSIONER VIA THE CITY ENGINEER IF PERMISSION IS GRANTED. SPECIAL CONSTRUCTION STANDARDS WILL BE APPLIED. APPLICANT OR APPLICANT'S REPRESENTATIVE MUST CONTACT THE CITY OF NEWTON ENGINEERING DEPARTMENT PRIOR TO START OF WORK FOR CLARIFICATION.
7. THE EXISTING WATER SERVICE MUST BE COMPLETELY REMOVED FROM THE DWELLING TO THE CORPORATION AT THE MAIN. THE CORPORATION SHALL BE CAPPED, AND A NEW TAP SHALL BE MADE FOR THE NEW SERVICE. EACH PHASE OF THIS PROCESS MUST BE INSPECTED BY A REPRESENTATIVE OF THE ENGINEERING DIVISION. FAILURE TO HAVING THIS INSPECTION PERFORMED, MAY RESULT IN THE DELAY OR DENIAL OF A WATER SERVICE PERMIT.
8. THE EXISTING SEWER SERVICE MUST BE COMPLETELY REMOVED FROM THE DWELLING TO THE MAIN. THE REMOVAL, ALONG WITH THE NEW CONSTRUCTION MUST BE INSPECTED BY A REPRESENTATIVE OF THE ENGINEERING DIVISION. FAILURE TO HAVING THESE INSPECTIONS PERFORMED, MAY RESULT IN THE DELAY OR DENIAL OF A SEWER SERVICE PERMIT.
9. THE EXISTING SEWER SERVICE MUST BE COMPLETELY REMOVED FROM THE DWELLING TO THE MAIN. THE REMOVAL, ALONG WITH THE NEW CONSTRUCTION MUST BE INSPECTED BY A REPRESENTATIVE OF THE ENGINEERING DIVISION. FAILURE TO HAVING THESE INSPECTIONS PERFORMED, MAY RESULT IN THE DELAY OR DENIAL OF A SEWER SERVICE PERMIT.
10. THE NEW SEWER SERVICE(S) AND/OR STRUCTURE(S) SHALL BE PRESSURE TESTED OR VIDEOGRAPHED AFTER FINAL INSTALLATION IS COMPLETE. METHOD OF FINAL INSPECTION SHALL BE DETERMINED SOLELY BY THE CONSTRUCTION INSPECTOR FROM THE CITY ENGINEERING DIVISION. THE SEWER SERVICE WILL NOT BE ACCEPTED UNTIL ONE OF THE TWO METHODS STATED ABOVE IS COMPLETED. A CERTIFICATE OF OCCUPANCY WILL NOT BE RECOMMENDED UNTIL ALL PIPING AND STRUCTURES ARE TESTED AND PASS.
11. THE NEW WATER SERVICE SHALL BE INSTALLED IN CONJUNCTION WITH THE CITY OF NEWTON UTILITIES DIVISION. THE OWNER/CONTRACTOR MAY OBTAIN A WATER SERVICE APPLICATION BY CONTACTING THE UTILITIES DIVISION (617) 796-1640 OR BY VISITING THE CITY OF NEWTON WEBSITE AND CLICK THE LINK FOR PUBLIC UTILITIES DIVISION. AFTER THE APPLICATION IS PAID IN FULL, THE OWNER/CONTRACTOR SHALL FOLLOW THE INSTRUCTIONS PLAN NOTES MENTIONED AND FOLLOWING:
 1. THE NEW WATER SERVICE SHALL BE INSTALLED IN CONJUNCTION WITH THE CITY OF NEWTON ENGINEERING DIVISION. EXCAVATEABLE FLOW FILL WITH EXTEND TO WITHIN 18" OF ROADWAY ASPHALT.
 2. PER CITY OF NEWTON ORDINANCE NO.B-42, COUNCIL ITEM #251-19, BUILDING SEWER, WATER SERVICE PIPE AND SIDEWALK/CURB REPLACEMENT ORDINANCE, THE APPLICANT IS REQUIRED TO INSTALL/REPLACE SIDEWALK AND CURBS ALONG THE ENTIRE FRONTAGE. THIS SHALL INCLUDE APPROPRIATE TRANSITION TO ADJOINING CURBING AND WALKWAYS, INCLUDING ACCESSIBLE CURB CUTS AND OTHER ACCESS AS REQUIRED BY THE ENGINEERING DIVISION. THE SIDEWALK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MATERIAL AND MANNER OF CONSTRUCTION OF THE EXISTING SIDEWALK AND CURB, THAT THE EXISTING SIDEWALK AND CURB CAN BE RE-SET OR REUSED WITHOUT REPLACEMENT.
 3. 5 YEAR MORATORIUM APPLIES - IF AT TIME OF CONSTRUCTION THE ROADWAY IS UNDER A 3-YEAR MORATORIUM, THE ROADWAY MUST BE MILLED AND PAVED OUTLER-TO-OUTLER EITHER TO THE OUTERMOST TRENCHES.
 4. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE DESIGN ENGINEER FOR INSPECTIONS AND AS-BUILT LOCATIONS; THE ENGINEER OF RECORD IS RESPONSIBLE FOR THE ON-SITE INSPECTIONS(S) OF ALL SUBSURFACE STRUCTURES. THIS INCLUDES BUT NOT LIMITED TO DRAINAGE UTILITIES (INCLUDING SEWER PIPE SLOPES), ROOF LEADER COLLECTION SYSTEM, TRENCH DRAIN, MANHOLES ETC. ENGINEER OF RECORD MUST ALSO CONDUCT "BOTTOM OF HOLE" INSPECTIONS(S) PRIOR TO SUBSURFACE DRAINAGE SYSTEM(S) BEING INSTALLED. CONTRACTOR TO NOTIFY ENGINEER BEFORE BACKFILLING OR SOIL CUT OFF WITHOUT RE-EXCAVATION.
 5. PLEASE SEE SECTION 6-C REQUIREMENT #6 OF THE STORMWATER MANAGEMENT AND EROSION CONTROL RULES & REGULATIONS PAGE 11 OF 17. POST CONSTRUCTION OPERATION AND MAINTENANCE PLAN (O&M), THE O & M PLAN MUST BE RECORDED AT THE APPROPRIATE REGISTRY OF DEEDS AND THAT PROOF OF RECORDING MUST BE PROVIDED TO THE ENGINEERING DIVISION PRIOR TO THE RECOMMENDATION OF THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
 6. PRIOR TO THE ENGINEERING DIVISION RECOMMENDING THAT A CERTIFICATE OF OCCUPANCY BE ISSUED, AN AS-BUILT PLAN MUST BE SUBMITTED IN BOTH DIGITAL AND IN HAND COPY TO THE ASSIGNED ENGINEERING CONSTRUCTION INSPECTOR. THE AS-BUILT PLAN MUST SHOW DIMENSIONAL TIES FROM FIXED POINTS (FOUNDATION CORNERS) TO ALL SUBSURFACE COMPONENTS AS WELL AS FINAL GRADING. THE AS-BUILT PLAN MUST BE STAMPED, SIGNED, AND DATED BY THE ENGINEER OF RECORD.
 7. THE FOLLOWING STATEMENT MUST BE ON ALL AS-BUILT PLANS SUBMITTED TO THE ENGINEERING DIVISION (SIGNED, DATED, AND STAMPED):

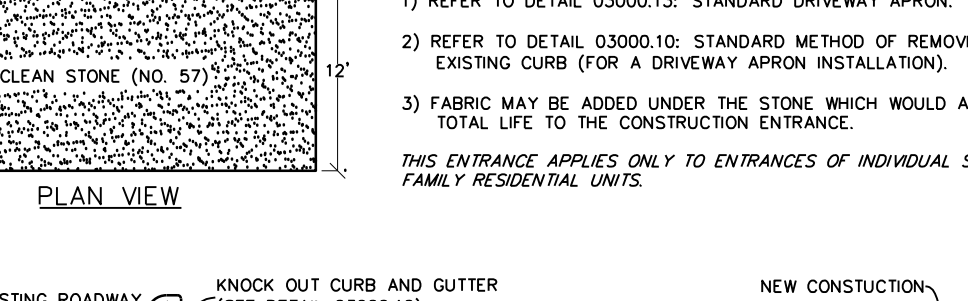
I CERTIFY THAT THE CONSTRUCTION SHOWN WAS INSPECTED PRIOR TO BACKFILL AND THAT ALL WORK CONFORMS WITH THE APPROVED PLAN AND MEETS OR EXCEEDS THE CITY OF NEWTON CONSTRUCTION STANDARDS.



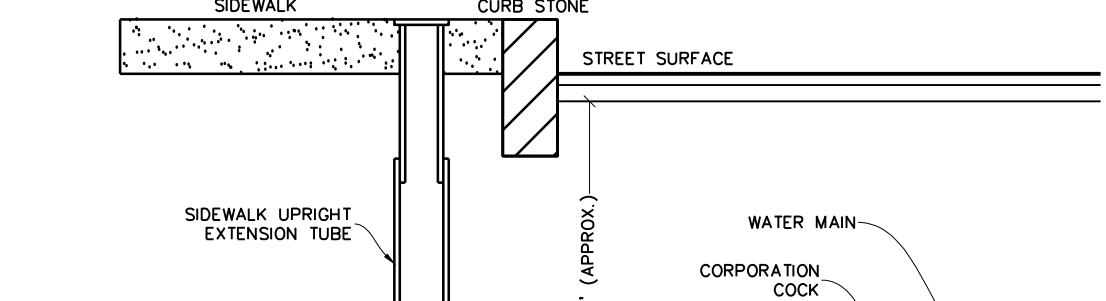
30" MINI DRAIN MANHOLE WITH HOOD
NOT TO SCALE



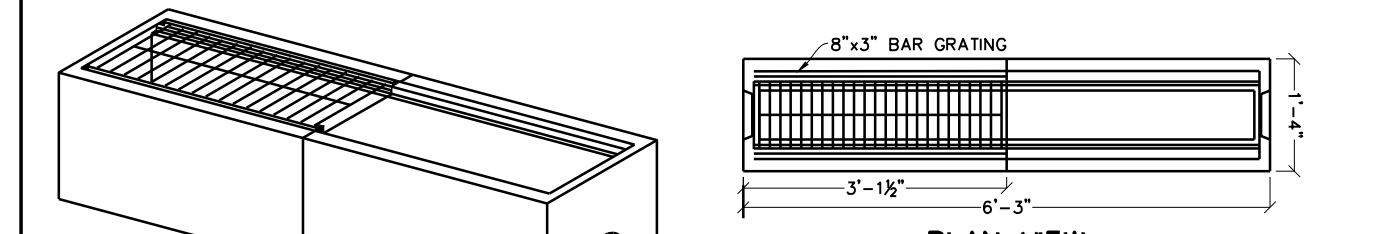
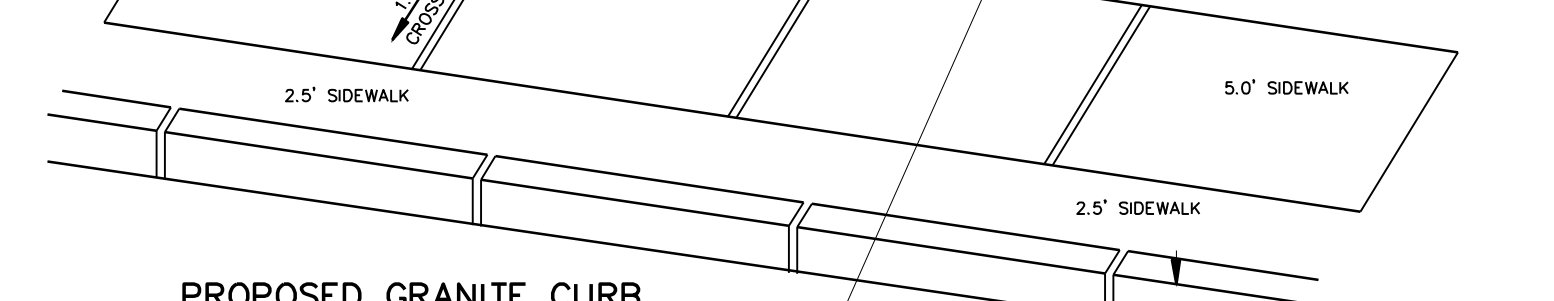
STANDARD RESIDENTIAL CONSTRUCTION ENTRANCE
NOT TO SCALE



WATER CONNECTION 2\"/> SERVICE PIPE
NOT TO SCALE



PROPOSED GRANITE CURB, GRASS STRIP & SIDEWALK DETAIL
NOT TO SCALE

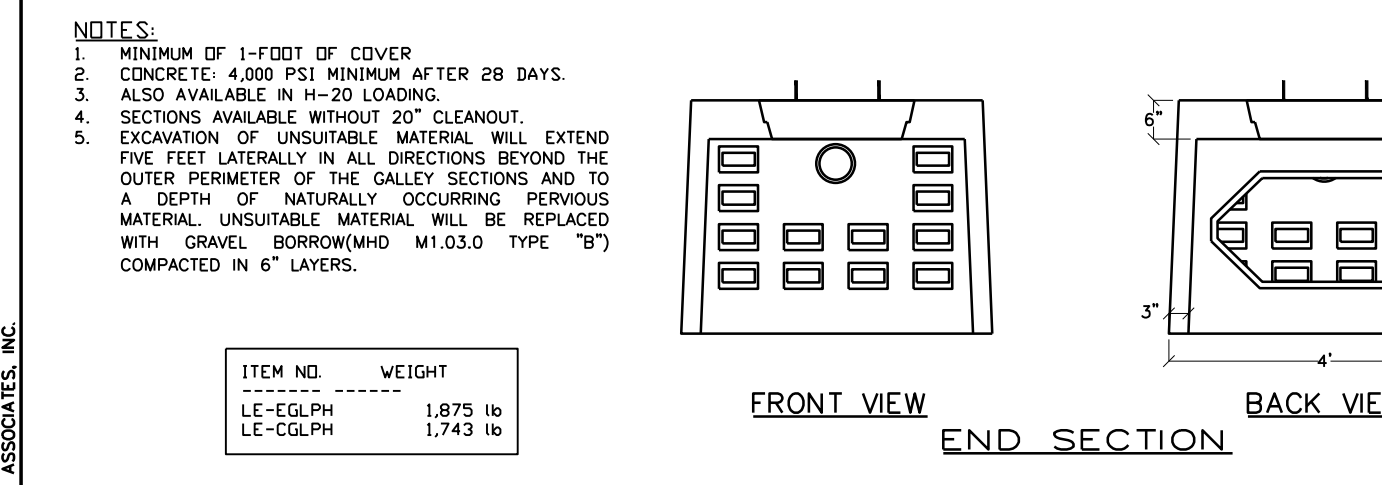
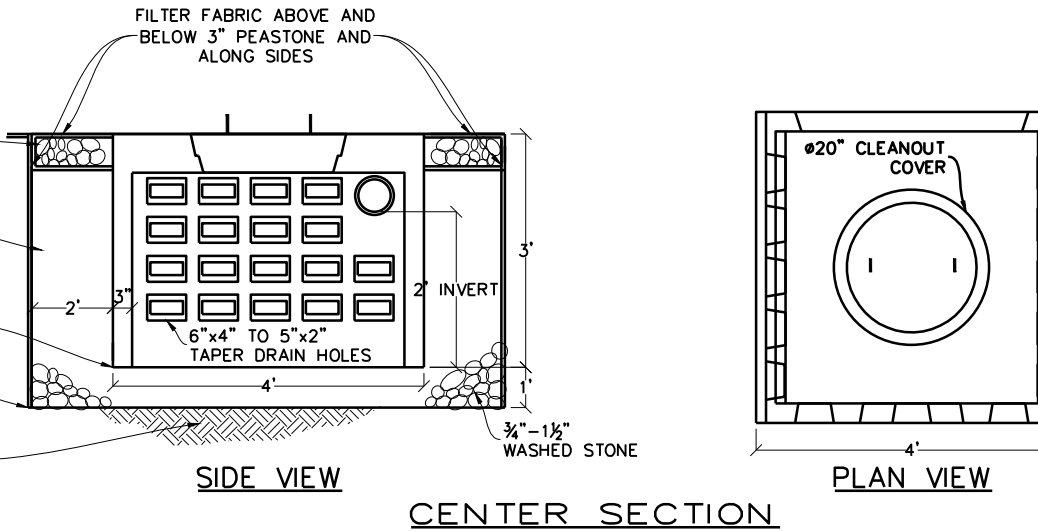
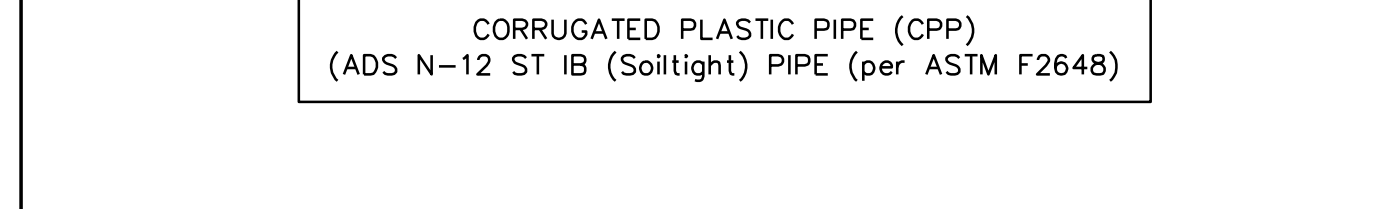
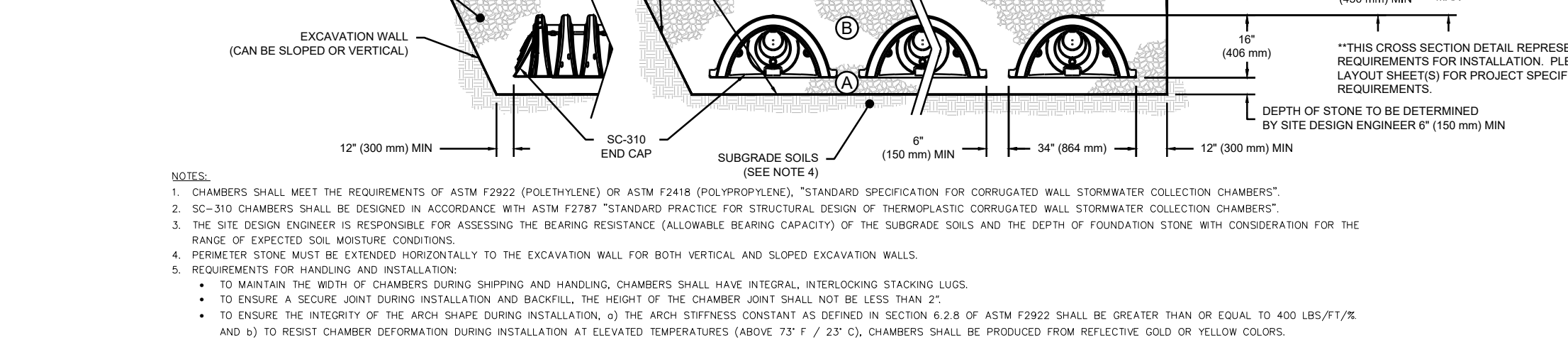
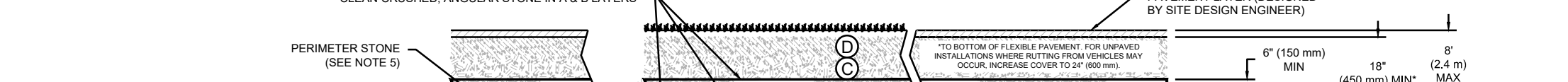


TYPICAL TRENCH REPAIR & PAVEMENT SECTION DETAIL
NOT TO SCALE

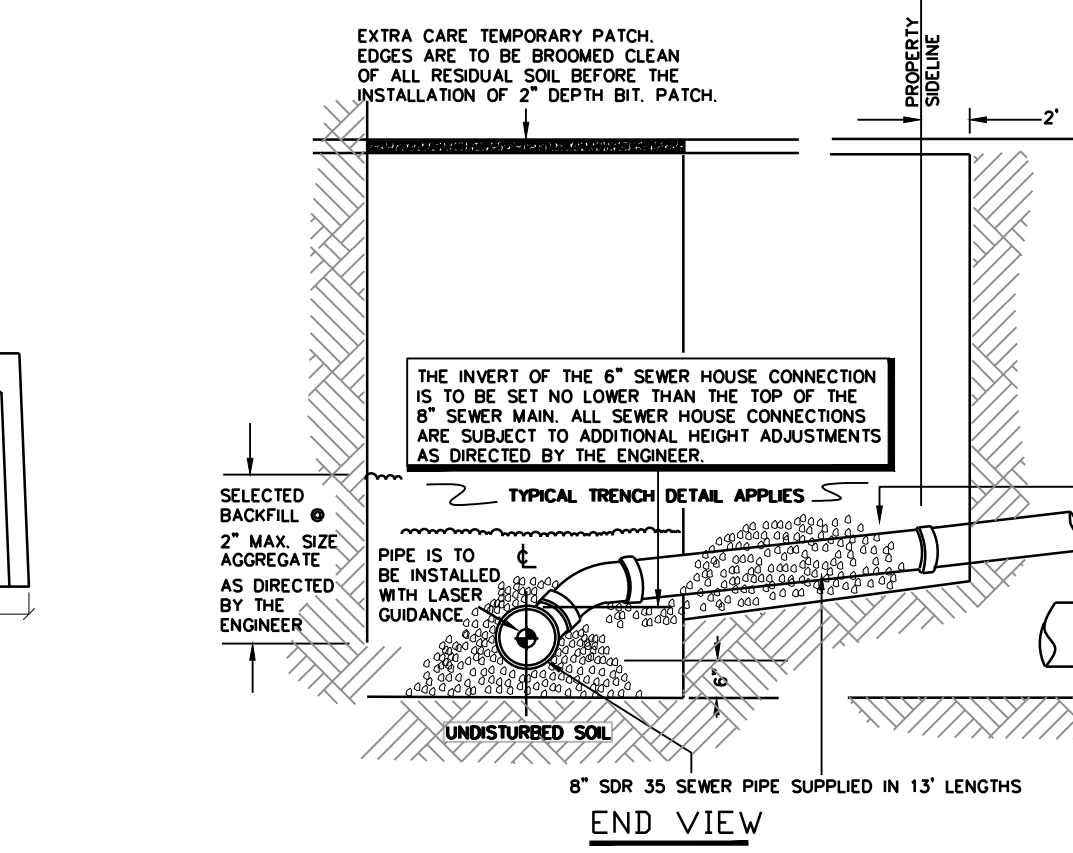


ACCEPTABLE FILL MATERIALS: STORMTECH SC-310 CHAMBER SYSTEMS

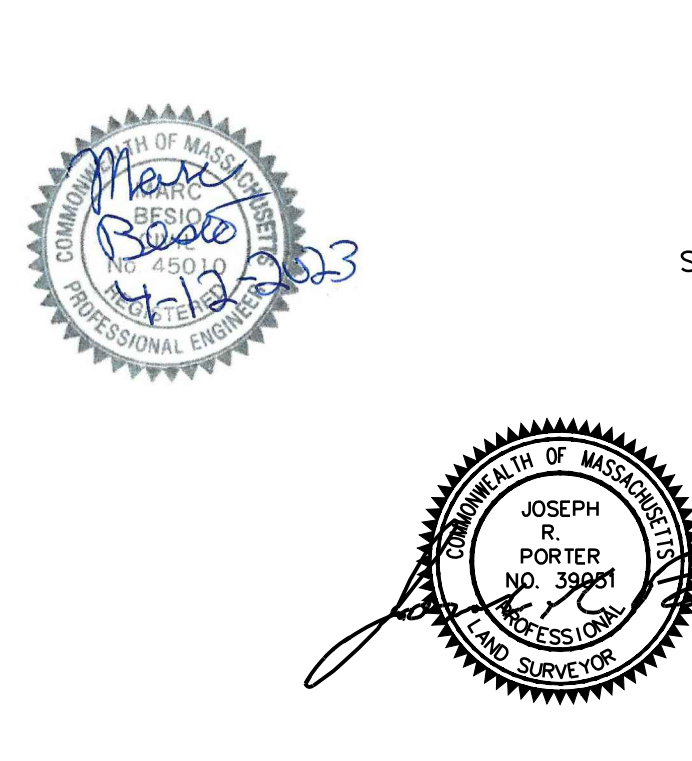
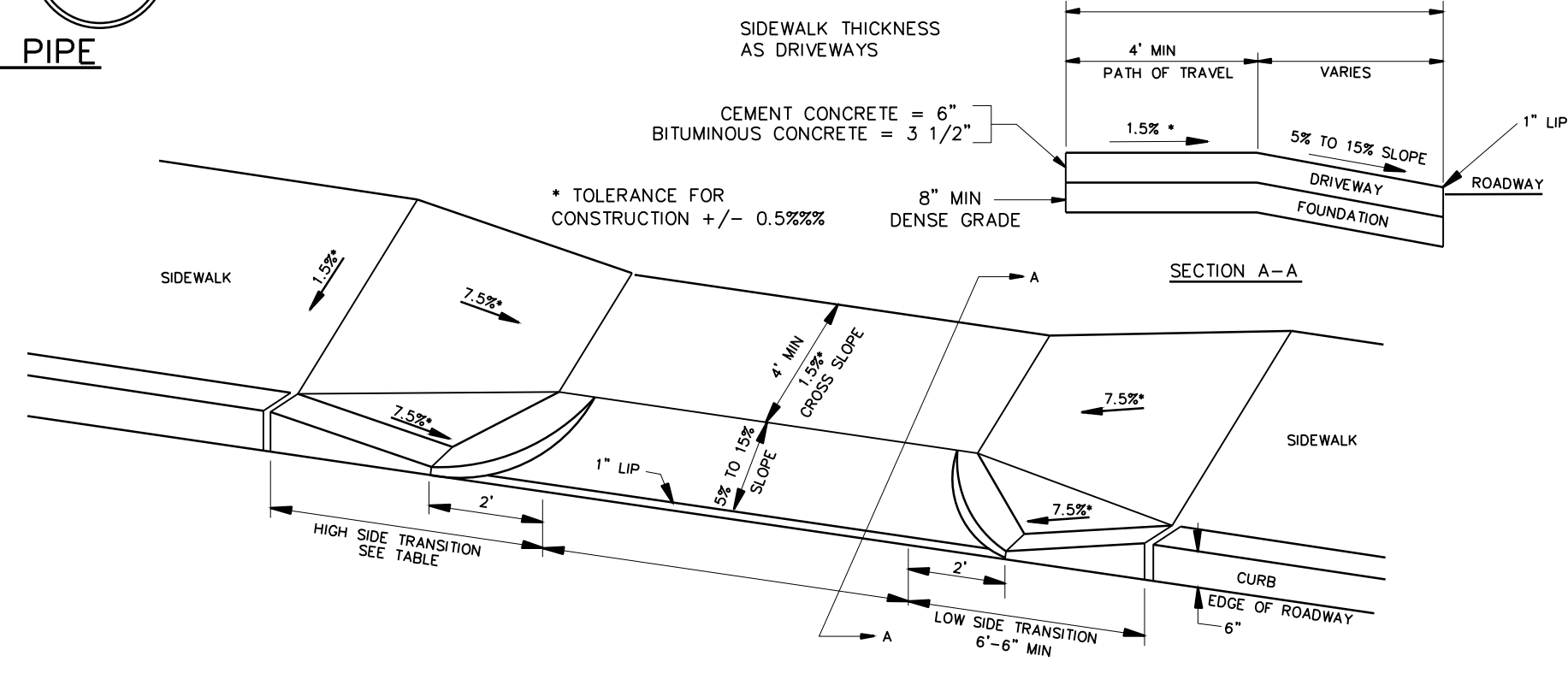
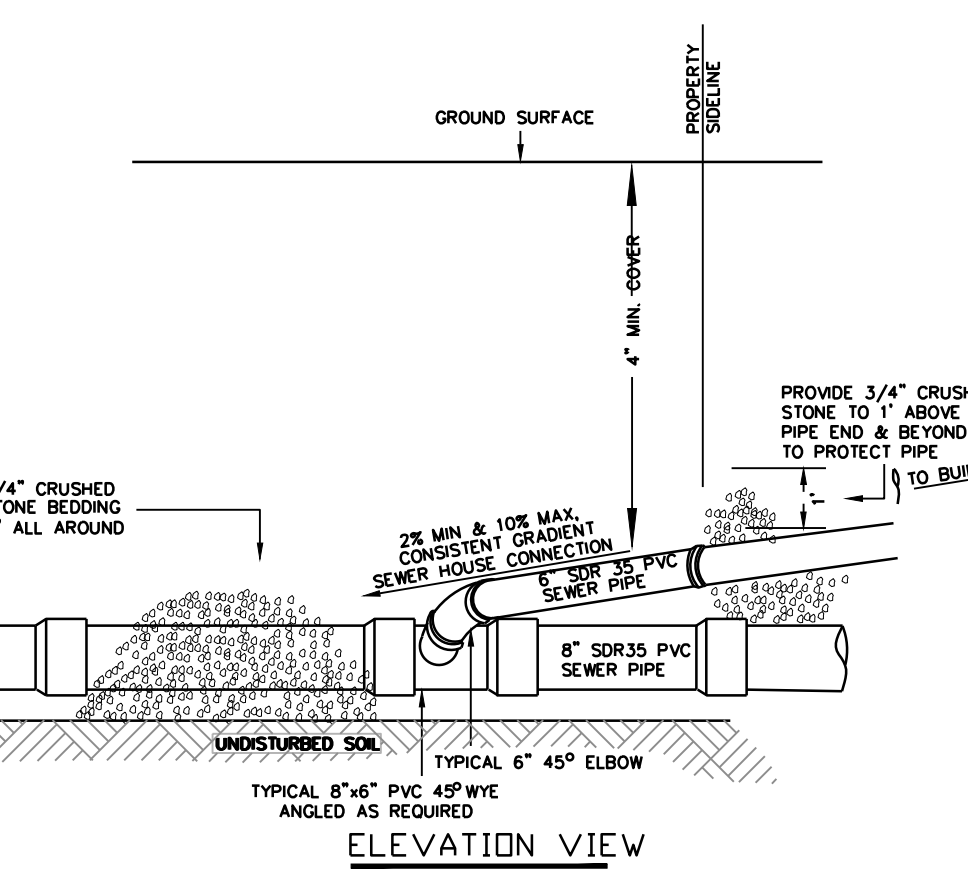
MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL/FILL MATERIAL FOR LAYER "D" STARTS FROM THE TOP OF THE "C" LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE "D" LAYER.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRICTER MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL/FILL MATERIAL FOR LAYER "C" STARTS FROM THE TOP OF THE EMBEDMENT STONE ("B" LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M45* A-1, A-2, A-3 OR AASHTO M43* 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 92% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN) DYNAMIC FORCE. NOT TO EXCEED 20,000 lbs (89 kN).
B	EMBEDMENT STONE/FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ("A" LAYER) TO THE "C" LAYER ABOVE.	AASHTO M43* 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	AASHTO M43* 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.±5



TYPICAL CITY OF NEWTON TRENCH SECTION WITHIN THE ROADWAY AREA.



TYPICAL CITY OF NEWTON SEWER HOUSE CONNECTION.



DETAIL SHEET
NEWTON, MASSACHUSETTS
SHOWING PROPOSED CONDITIONS AT #435 ALBEMARLE ROAD
SCALE: AS-SHOWN DATE: APRIL 12, 2023
PROJECT: 223115
VTP ASSOCIATES INC.
LAND SURVEYORS - CIVIL ENGINEERS
132 ADAMS STREET 2ND FLOOR SUITE 3
NEWTON, MA 02458
(617) 332-8271
SHEET 3 OF 3