

General Notes

1. Topographical base plan prepared from survey performed by Guntlow & Associates, Inc. (Summer of 2020) and GPS information. The Datum is Massachusetts State Plane Grid and NAVD 1988.

2. Locations of underground utilities are shown in an approximate way, based only on available record data. Additional utilities may exist. Prior to construction, contractor shall call "Dig Safe" at 811 and have all utilities marked on the ground. The contractor shall be responsible for determining the exact location of all existing utilities before commencing work. The contractor agrees to be fully responsible for any and all damages which might be occasioned by his/her failure to exactly locate and preserve any and all utilities.

3. The Contractor shall be responsible for a thorough site examination to determine the extent of demolition necessary to prepare the site for construction and shall verify all items to be demolished or salvaged with the Contractor prior to beginning

4. Care shall be taken not to damage any items designated to remain; repair or replacement of damaged items designated to remain shall be at the Contractors' expense.

5. The Contractor shall protect existing trees to remain with wood board trunk protection and snow fencing.

6. The contractor shall coordinate all construction activities with the engineer, owner and town as applicable.

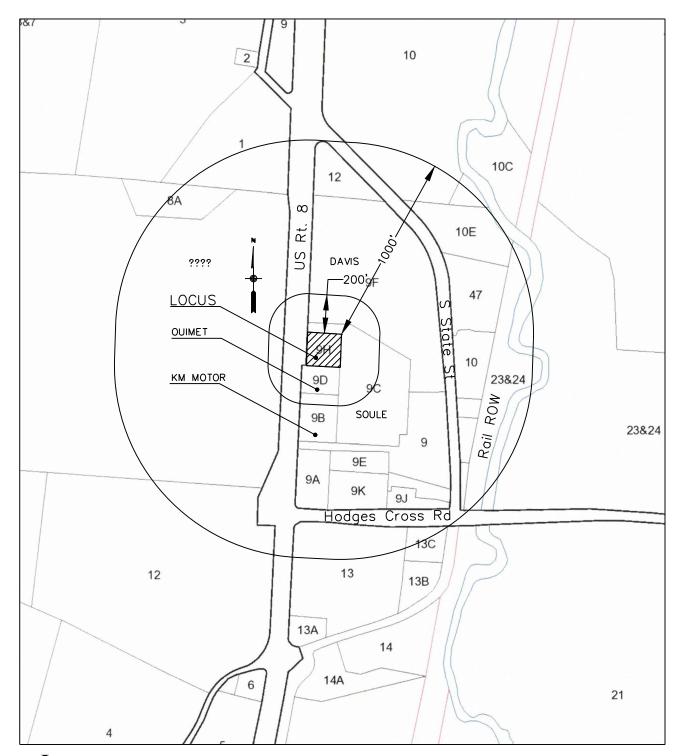
7. Erosion control measures shall conform to the details and

notes relating to erosion control.

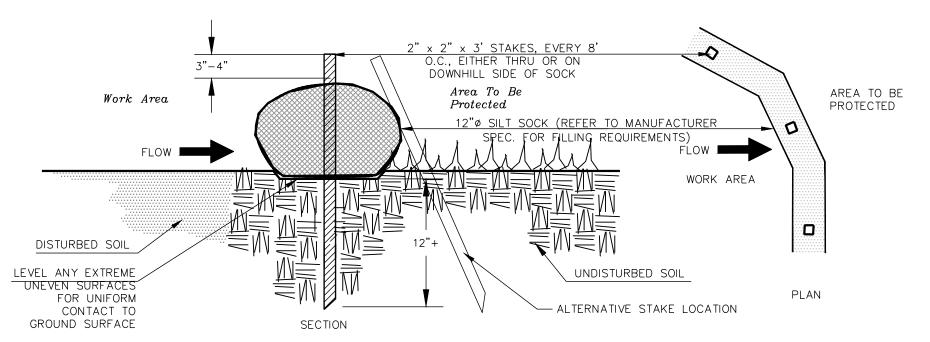
8. Pursuant to Massachusetts general laws, chapter 82a, the contractor will be responsible for obtaining the necessary trench excavation permit from the City of North Adams if applicable. all trench related work shall be in conformance to the applicable sections of Massachusetts General Law.

9. Contractor to coordinate location and size of staging and laydown areas on site with owner and applicant.

10. Contractor to maintain normal workhours between 7am and 5pm or as set forth by the City of North Adams.



Locus 1"=500"



Erosion Control Barrier - Silt Sock Detail

Not to Scale **C**1

Sequence of Site Construction:

- 1. Install erosion control measures, including construction entrance.
- 2. Strip existing topsoil, stockpile off site.
- 3. Install and compact structural fill as required for new building and site.

4. Excavate and install concrete foundation for building.

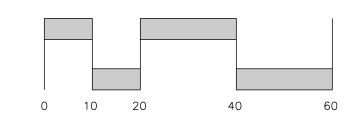
5. Construct site improvements, such as retaining wall, stormwater system and other

6. Install bituminous pavement.

7. Prepare subgrade, install topsoil, seed and mulch.

8. Restore wetland area, plant.

9. Maintain erosion control until vegetation is established.



Zoning Compliance

Zoning District - Industrial (I-1)

Required - 50' Site - 175' Required - 10,000 SF Site - 31,488 SF Minimum Area — Max. Bldg. Coverage - Allowed - 70% Site - 12% Max. Bldg. Height - Allowed - 40' Site —

Erosion Control Notes

- I. Prior to beginning construction, erosion control barriers shall be installed downgradient of fill slopes and silt sac installaed on down gradient and neighboring catch basins, as shown, but not limited to, the erosion control plan.
- 2. Erosion control barriers shall consist of staked haybales placed tightly end to end and/or pre-assembled siltation fence with hardwood stakes and a buried fabric toe, as shown on the detail sheet. An additional stockpile of erosion control materials is to be stored on—site in an area that allows retrieving erosion control materials readily obtainable. The amount of stored erosion control materials is not to be less than 15% of materials used for the entire project. Stored materials are to be made up of similar materials used during initial production.

3. If applicable, the installation of the drainage system shall follow rough grading as closely as possible, starting downgradient. As drainage structures are installed, sedimentation control barriers shall be installed around the inlets, in addition to

4. A stabilized construction entrance shall be installed at any street access location once rough grading has been completed to within 100 feet from the street. The entrance shall have a 1 and 1/2 inch crushed stone mat 9 inches deep, 50 feet long and the full width of the driveway. The streets and paved site areas shall be kept free from dirt by sweeping, as required, to prevent tracking or dust.

5. All disturbed areas not to be paved shall be graded, topsoiled, seeded and mulched as soon as possible during construction. Any areas to be exposed longer than 30 days without final seeding shall be temporarily seeded or stabilized with

wood chips.

6. Any 2:1 or steeper slopes shall be further stabilized with fabric as described.

7. Tree stumps shall be removed and disposed of properly offsite.

8. Tree clearing shall be kept to a minimum. The clearing limits shall not exceed the new contours (grading limits) by more than 5 feet.

9. The gravel base and the pavement binder course shall be installed as soon as practical to further reduce erosion potential.

10. Additional erosion control measures shall be installed, as required by the site conditions and/or engineer.The contractor will inform all workers about the

provisions of the erosion and sediment control plan and seek their cooperation in avoiding the disturbance of these control measures.

11. All erosion control and sediment control measures shall be inspected and repaired at the end of each working day and after each storm event.

Existing Conditions

			REVISIONS			
Demolit	ion Plan					0
DRAWN BY:	DATE: 11.02.2020					
CHECKED BY: CJL	DRAWING NO.: 23220	1	REV. PER CON COM COMMENTS	12.9.20	CJL	
JOB NO.: 0021120	scale: 1" = 20'	#	DESCRIPTION	DATE	WHOM	





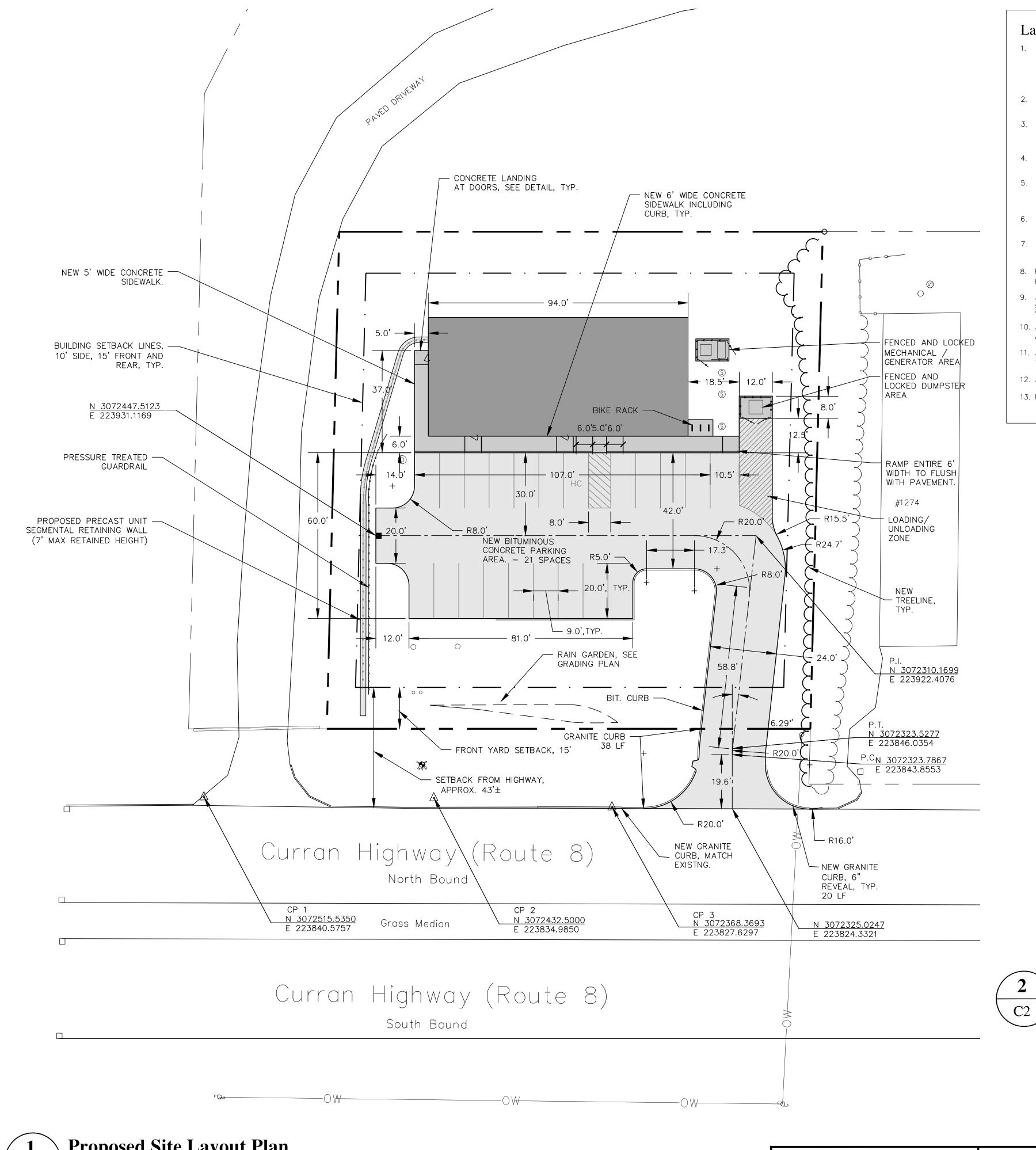


5 NORTH STREET WILLIAMSTOWN, MA. 01267 413-458-2198 413-458-2712 FAX

Existing Conditions

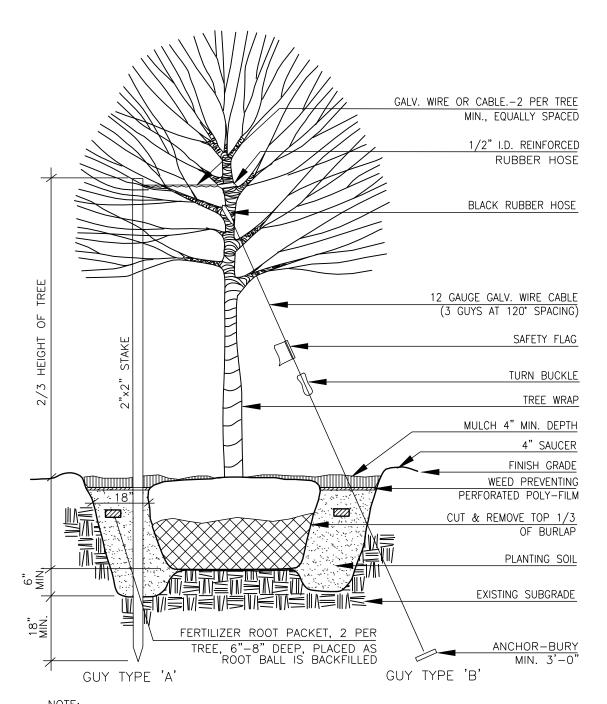
PREPARED FOR Sparkboro Wellness

1268 Curran Highway, North Adams, MA



Layout & Grading Notes

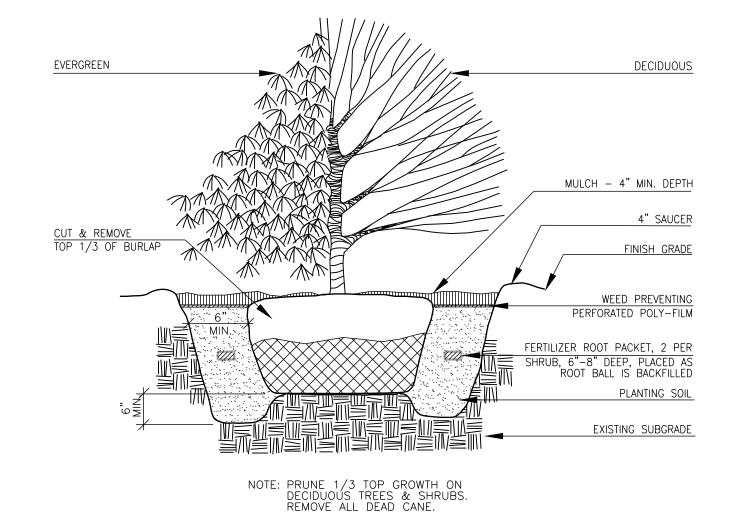
- 1. All erosion control measures shall be installed and notification shall be given to the North Adams Conservation Commission prior to start of work. The North Adams Conservation Commission's "Order of Conditions" and "Notice of Intent" applications shall be considered part of this project's specifications and shall be administered throughout the duration of the project.
- 2. Construction parking, laydown and staging areas for the Project shall be coordinated with the General Contractor and the Owner.
- 3. The Contractor shall verify all layout, dimensions, grades, and inverts prior to construction; report any and all discrepancies to the Engineer/Landscape Architect. All discrepancies shall be resolved in writing prior to beginning work.
- 4. All areas disturbed from construction activity to be topsoiled, raked, smoothed, fertilized and seeded unless otherwise noted.
- 5. All new walks and surfaces to meet existing walks and surfaces with smooth, continuous line and grade. Walks shall have a maximum 1.5% cross slope and 5% longitudinal slope when measured with a 2' smart level.
- 6. The Contractor shall not install concrete during adverse weather conditions (rain, sleet, etc.) unless otherwise directed by the Engineer.
- 7. All lines or points are perpendicular or parallel to lines from which they are measured unless otherwise noted; written dimensions shall prevail.
- 8. Project benchmark is the top of spindle of the hydrant located on the east side of Curran Highway, Elev.=719.59'.
- 9. All materials and construction methods shall conform to the construction standards and specifications of the City of North Adams and the Massachusetts Department of Public
- 10. All dimensions, elevations and layout shall be verified in the field by the contractor and approved by the Engineer/Landscape Architect prior to beginning work.
- 11. All new or adjusted manholes, gas gates, water gates and water services to be flush with finished grade.
- 12. All new or adjusted catch basin rims shall be set 1/2" below finished grade.
- 13. Notify the Engineer/Landscape Architect of any discrepancies prior to construction.



NOTE: 1) GUY TYPE "A" IS FOR TREES LESS THAN 3" CALIPER GUY TYPE "B" IS FOR TREES 3" CALIPER OR GREATER

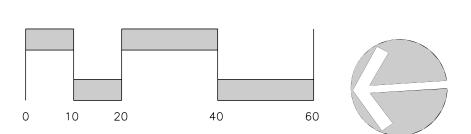
Typical Tree Planting

Not to Scale



Typical Shrub Planting

Not to Scale C2



Proposed Site Layout Plan

		REVISIONS			
Site Layout					4
DRAWN BY: JW DATE: 11.02.20)20				AAAAAAA.
CHECKED BY: CJL DRAWING NO.: 23.	<i>320</i> 1	REV. PER CON COM COMMENTS	12.9.20	CJL	4
JOB NO.: 0021120 SCALE: 1"=20	<i>,</i> "	DESCRIPTION	DATE	WHOM	



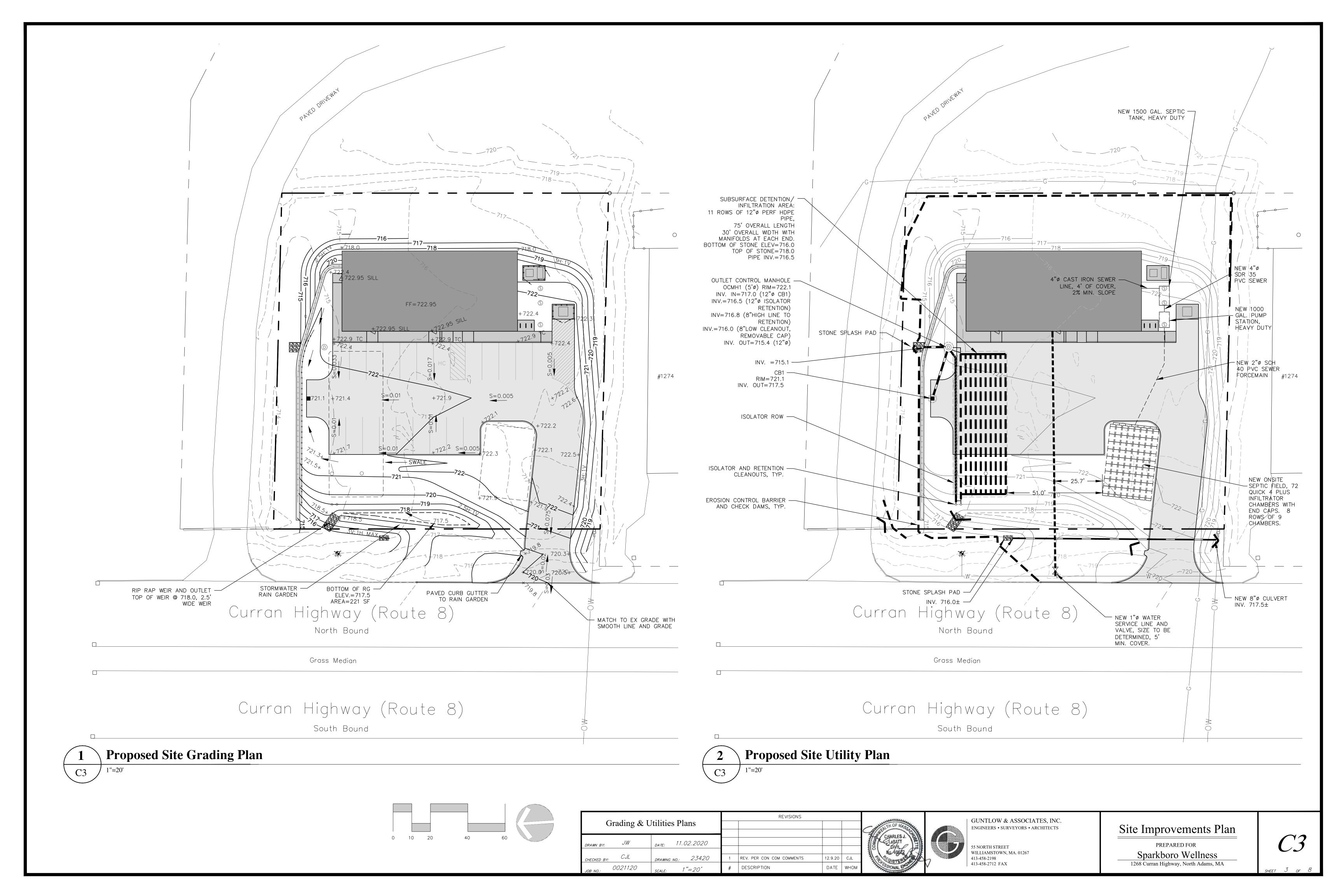


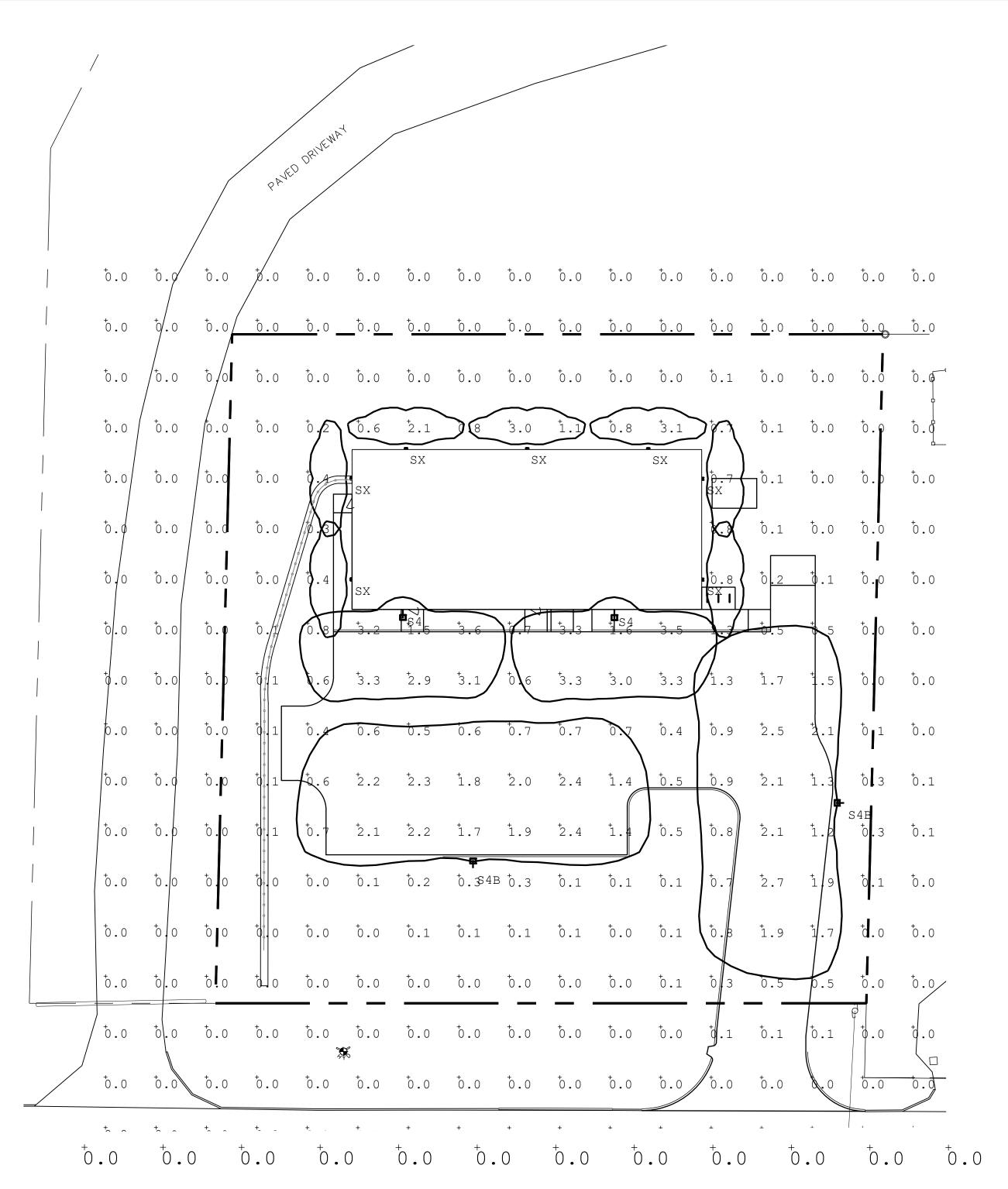


55 NORTH STREET WILLIAMSTOWN, MA. 01267 413-458-2198 413-458-2712 FAX

Site Improvements Plan

PREPARED FOR Sparkboro Wellness 1268 Curran Highway, North Adams, MA

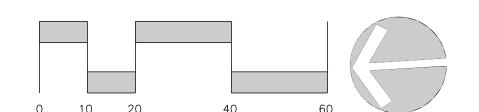




Lumi	naire Sched	ule			
Qty	Label	Lum. Watts	Arrangement	LLF	Description
7	SX	9.2	SINGLE	0.900	Signtex MOEx7W-x Wall Mounted @ 8FT AFG
2	S4	25.496	SINGLE	0.900	Hubbell RAR1-80L-25-4K7-4W-UNV-x-x-BC Wall Mounted @ 8FT AFG
2	S4B	49.8	SINGLE	0.900	Hubbell RAR1-80L-50-4K7-4W-UNV-x-x-BC Mounted @ 16FT AFG

Calculation Summary							
Label	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Height
Site Calc	Fc	0.40	3.6	0.0	N.A.	N.A.	0
Parking & Drive Lane	Fc	1.60	3.3	0.4	4.00	8.25	





REVISIONS Lighting Plan & Site Details DATE: 11.02.2020 DRAWING NO.: 23520 REV. PER CON COM COMMENTS 12.9.20 CJL 0021120 1"=20'





Site Improvements Plan PREPARED FOR

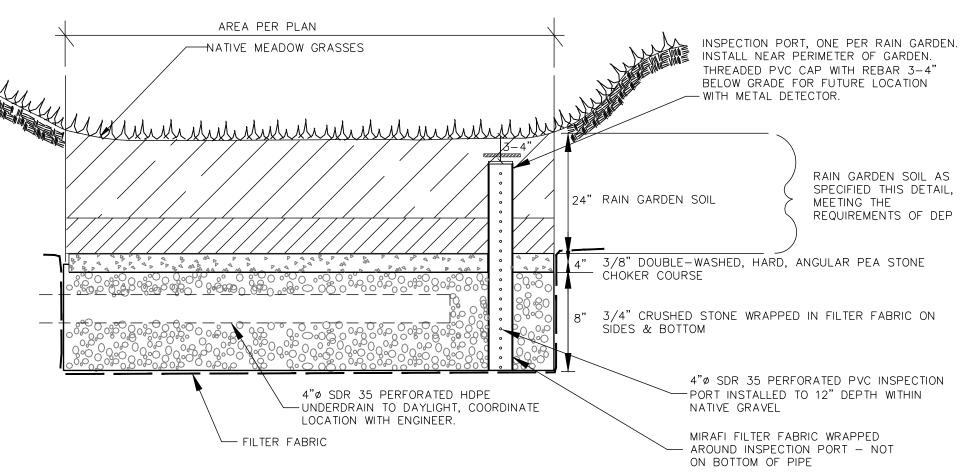
Sparkboro Wellness 1268 Curran Highway Noth Adams MA

BIORETENTION SOIL:

1. THE ENGINEERED BIORETENTION SOIL MEDIA SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS: 30% PLANTING/TOPSOIL, 20% HARDWOOD MULCH, AND 50% SAND.

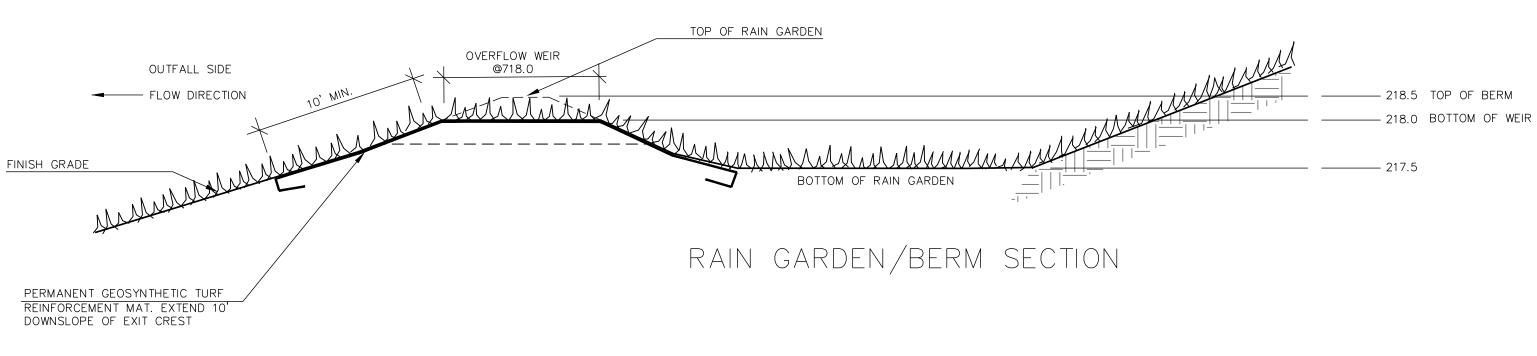
2. THE TOPSOIL SHALL HAVE A MAXIMUM PARTICLE DIAMETER OF 2 INCHES, MAXIMUM CLAY/SILT CONTENT OF 5% (<5% PASSING #200 SIEVE), HAVE A MINIMUM OF 15% ORGANIC CONTENT, AND BE FREE OF STONES AND NOXIOUS WEEDS.

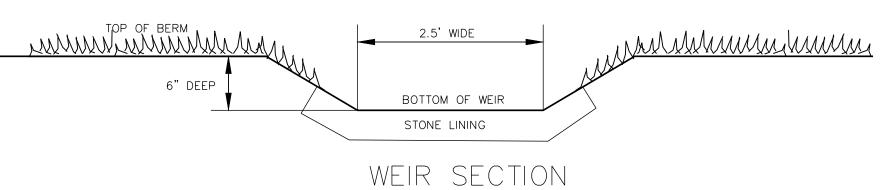
3. THE BIORETENTION SOIL MEDIA SHALL BE PLACED AND GRADED USING LOW GROUND-CONTACT PRESSURE EQUIPMENT OR BY EXCAVATORS AND/OR BACKHOES OPERATING ON THE GROUND ADJACENT TO THE BIORETENTION CELL/RAINGARDEN. NO HEAVY EQUIPMENT SHALL BE USED WITHIN THE PERIMETER OF THE BIORETENTION SOIL AREA DURING OR AFTER PLACEMENT OF SOIL. FINAL GRADING OF THE MIXTURE SHALL BE PERFORMED AFTER A 24-HOUR SETTLING PERIOD. THE SOIL SHALL BE INSTALLED IN MAX 12 INCHES LIFTS. EACH LIFT SHALL BE COMPLETELY SATURATED BY SPRINKLING OR LIGHT SPRAYING WITH WATER TO PROVIDE NON MECHANICAL COMPACTION.



Bio Retention Area/Rain Garden-Typical Section

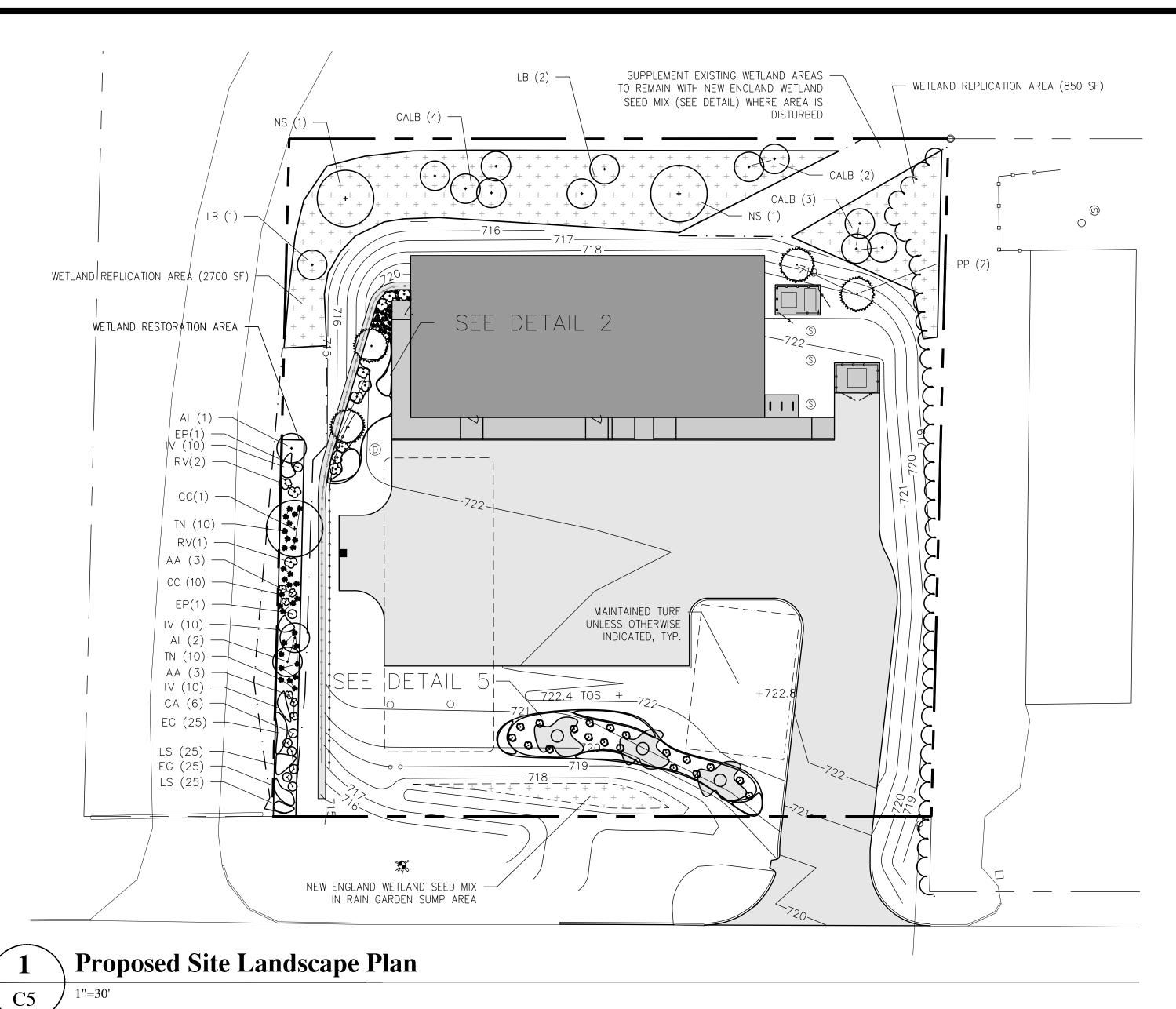
Not to Scale





C4 / Not to Scale

Rain Garden Outfall Section



	Wet	tland	d Restoration Pla	ant List		
	KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
ES	CC	1	Carpinus caroliniana	American Hornbeam	4'-6', Multi stemmed	FAC
SHRUBS/TREES	Al	3	Alnus incana (rugosa)	Speckled Alder	3'-4'@ 6'0C	FACW+
	AA	6	Aronia arbutifolia	Red Chokeberry	3'-4'@ 3'OC	FACW
	CA	6	Clethra alnifolia	Sweet Pepperbush	2' @ 2'OC	FAC+
	RV	3	Rhododendron viscosum	Swamp Azalea	3'-4'@ 4'0C	OBL
	EP	2	Eupatorium purpureum	Joe-Pye Weed	#1 Cont. @ 2'0C	FACW/FAC
LS	EG	50	Euthamia graminifolia	Grass-Leaved Goldenrod	2"plug @ 12" OC	FAC
PERENNIALS	LS	50	Lobelia siphilitica	Great Blue Lobelia	2"plug @ 12" OC	FACW+
REN	IV	30	Iris versicolor	Blue Flag Iris	2"plug @ 12" OC	FACW+
PER	OC	10	Osmunda cinnamomea	Cinnamon Fern	#1 Cont. @ 2'0C	FACW
	TN	20	Thelypteris novaboracensis	New York Fern	#1 Cont. @ 2'0C	FAC

'Herigate' river birch

Hoops Blue Spruce

'Mt. Airy' Witch alder

Seersucker sedge

'Bronze Wave' Hairy alumroot

'Eco Bluebird' Dwarf crested iris

'Caramel' Hairy alumroot

'Diana Remembered' Hosta

'Dark Shadows' Hosta

'Peacock Feathers' Hosta

'Mississippi Delta' Hosta

Coastal azalea

Wetland Replication Plant List

Landscaping Plant List

4 Picea Pungens Hoopsii

FA 9 Fothergilla x intermedia 'Mt. Airy'

HVB 30 Heuchera villosa 'Bronze Wave'

640 | Carex plantaginea

HDR

HDS

140 Heuchera villosa 'Caramel'

165 Iris cristata 'Eco Bluebird'

Betula Nigra 'Herigate'

Rhododendron atlanticum

Hosta 'Diana Remembered'

Hosta 'Peacock Feathers'

Hosta 'Mississippi Delta'

Hosta 'Dark Shadows'

Seed with New England Wetmix Wetland Seed Mix (New England Wetland Plants)

	KEY	QTY	BOTANICAL NAME	COMMON NAME	INDICATOR STATUS
ES	NS	2	Nyssa sylavatica	Black Gum	FAC
/TRE	CALB	9	Cornus alba	Red-Osier Dogwood	FACW
BS/	LB	3	Lindera benzoin	Northern Spicebush	FACW
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\tilde{\sigma}					

New England Wetmix (Wetland Seed Mix)

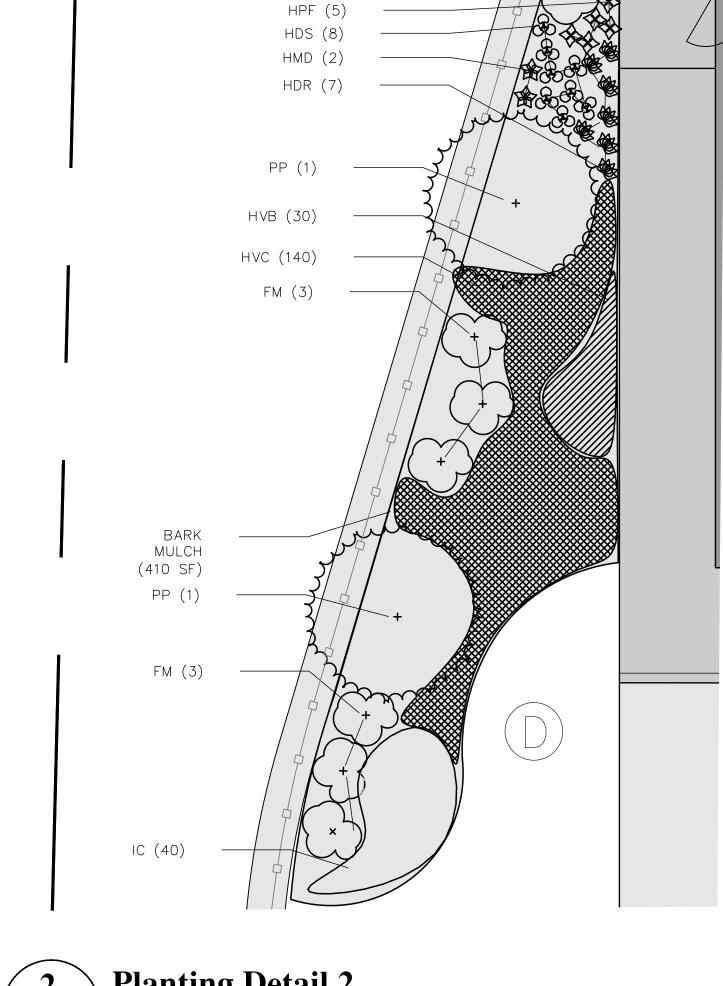
The New England Wetmix (Wetland Seed Mix) contains a wide variety of native seeds that are suitable for most wetland restoration sites that are not permanently flooded. All species are best suited to moist ground as found in most wet meadows, scrub shrub, or forested wetland restoration areas. The mix is well suited for detention basin borders and the bottom of detention basins not generally under standing water. The seeds will not germinate under inundated conditions. If planted during the fall months, the seed mix will germinate the following spring. During the first season of growth, several species will produce seeds while other species will produce seeds after the second growing season. Not all species will grow in all wetland situations. This mix is comprised of the wetland species most likely to grow in created/restored wetlands and should produce more than 75% ground cover in two full growing seasons.

The wetland seeds in this mix can be sown by hand, with a hand held spreader, or hydro-seeded on large or hard to reach sites. Lightly rake to insure good seed to soil contact. Seeding can take place on frozen soil, as the freezing and thawing weather of late fall and late winter will work the seed into the soil. If spring conditions are drier than usual watering may be required. If sowing during the summer months supplemental watering will likely be required until germination. A light mulch of clean, weed free straw is recommended.

18 lbs./acre

PRICE: \$135/bulk pound

SPECIES: Fox Sedge (Carex vulpinoidea), Lurid Sedge (Carex Iurida), Blunt Broom Sedge (Carex scoparia), Blue Vervain (Verbena hastata), Fowl Bluegrass (Poa palustris), Hop Sedge (Carex Iupulina), Green Bulrush (Scirpus atrovirens), Creeping Spike Rush (Eleocharis palustris), Fringed Sedge (Carex crinita), Soft Rush (Juncus effusus), Spotted Joe Pye Weed (Eupatorium maculatum), Rattlesnake Grass (Glyceria canadensis), Swamp aster (Aster puniceus), Blueflag (Iris versicolor), Swamp Milkweed (Asclepias incarnata), Square stemmed Monkey Flower



FM (3)

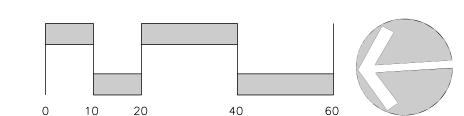
HMD(1)

FM (3)

Planting Detail 2

IC(50) IC(25) CP(540 SF) BARK MULCH(730 SF) IC(25)

Planting Detail 5 C5 1"=5"



			REVISIONS			
Landscaping/Wetlan	ds Restoration Plans					/
DRAWN BY:	DATE: 11.02.2020					-
CJL	DRAWING NO : 23620	1	REV. PER CON COM COMMENTS	12.9.20	CJL	
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JOB NO.:	SCALE: AS SHOWN	#	DESCRIPTION		VVIIOW	1





NOTES

3' OC

4'OC

10"OC

10"OC

10"OC

10"OC

20"OC

24"OC

24"OC

30"OC

MULTI-STEMMED

6 FT B&B

6 FT B&B

#2 Cont.

2" plugs

2" plugs

2" plugs

#1 Cont.

#1 Cont.

#1 Cont.

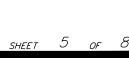
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413-458-2712 FAX

Site Improvements Plan

PREPARED FOR Sparkboro Wellness 1268 Curran Highway Noth Adams MA



Planting Notes

1. All nursery stock shall meet the horticultural standards of the American Association of Nurserymen as to grading and quality.

2. All plants shall conform to the measurements specified, except that plants larger than those specified may be used if approved by the Landscape Architect.

3. All plants shall be nursery grown in accordance with good horticultural practices and shall be grown under climatic conditions similar to those in the project locality for at least

two years. 4. Balled and burlapped plants (B&B) shall be moved with the root system as solid units; root balls shall be firmly wrapped with burlap. Container grown plants shall not be removed from container prior to the time of installation; root system shall be firmly set in

5. Planting soil mix shall consist of seven (7) parts loam and one (1) part peat moss by volume, with a pH value of 5.0 to 6.0.

6. All trees to be guyed as shown in details.

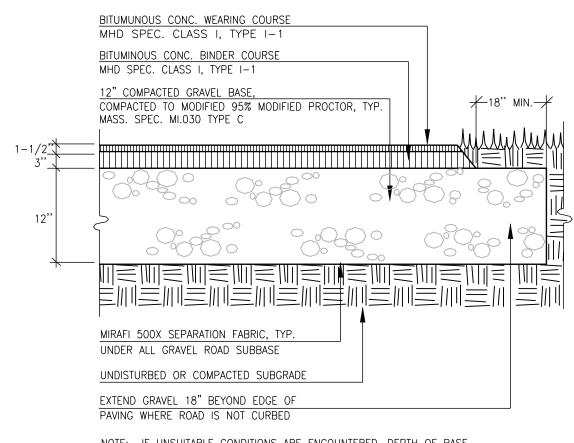
7. All trees and shrubs to receive two (2) fertilizer packets as shown in details.

8. Planting beds to receive 4 inch depth of bark mulch.

9. All plant material shall be guaranteed for one full growing season (one year) after

10. Any plant material which dies, turns brown or unexpectedly defoliates prior to acceptance of work shall be promptly removed from the site and replaced with material of the same species, quality, size and meeting all planting specifications.

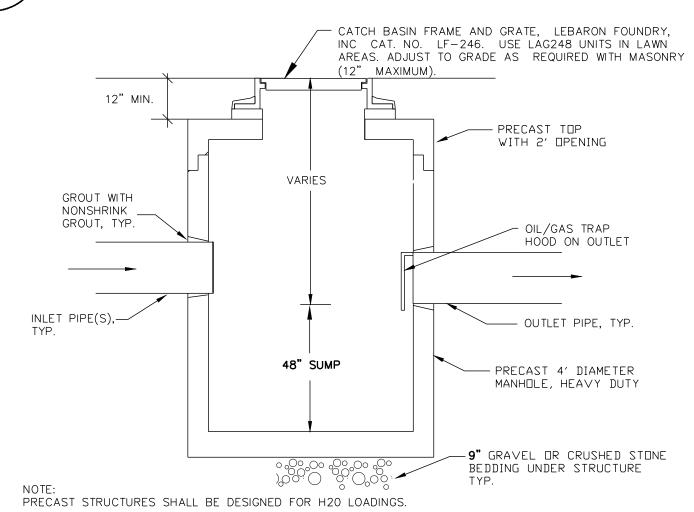
11. Planting layout shall be approved by the Landscape Architect prior to installation.



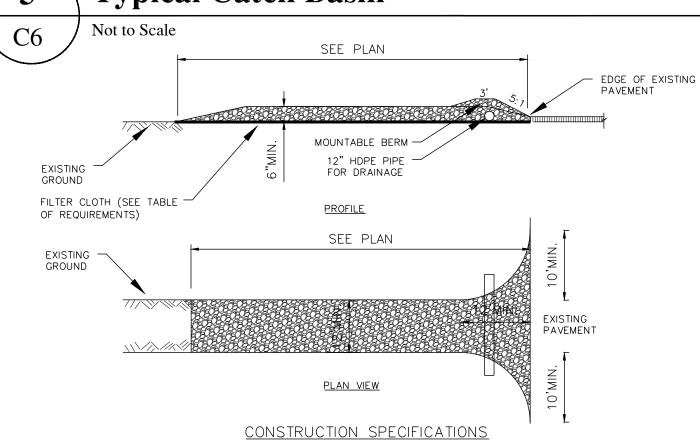
NOTE: IF UNSUITABLE CONDITIONS ARE ENCOUNTERED, DEPTH OF BASE MATERIAL MAY BE INCREASED IN THE FIELD.

Bituminous Concrete Pavement

Not to Scale C6







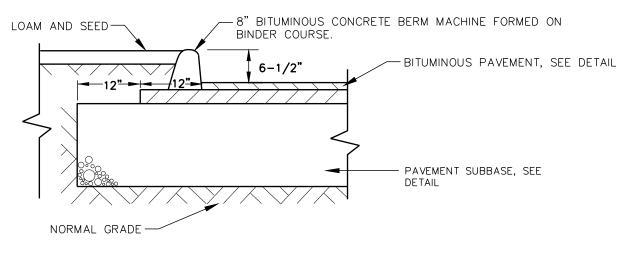
- 1. STONE SIZE USE 2" TO 4" IN DIAMETER CRUSHED STONE.
- 2. MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS—OF—WAY MUST BE REMOVED IMMEDIATELY.
- 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. 4. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

GEOTEXTILE REQUIREMENTS PHYSICAL PROPERTY REQUIREMENTS GRAB TENSILE STRENGTH | 220 lbs. (ASTM D1682) ELONGATION FAILURE 60% (ASTM D1682) MULLEN BURST STRENGTH 430 lbs. (ASTM D3768) PUNCTURE STRENGTH 125 lbs. (ASTM D751) (MODIFIED) EQUIVALENT OPENING

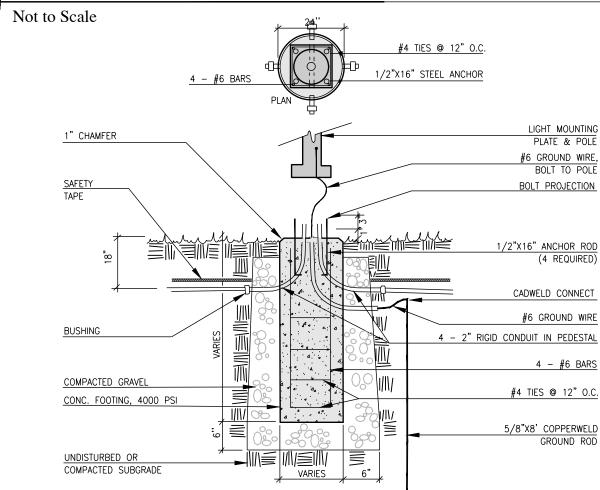
SIZE 40 -80 (US STD SIEVE) (CW-02215)

Construction Entrance

Not to Scale **C**6

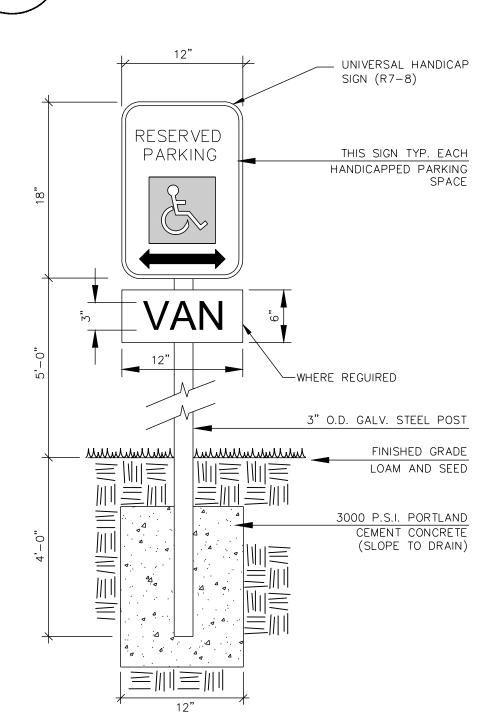


Bituminous Curb



NOTES: 1. ALL LIGHTING PRODUCTS AND INSTALLATION SHALL COMPLY WITH ALL APPLICABLE CODES 2. SEE MANUFACTURER'S RECOMMENDATION FOR LIGHT POLE BASE WIDTH & DEPTH



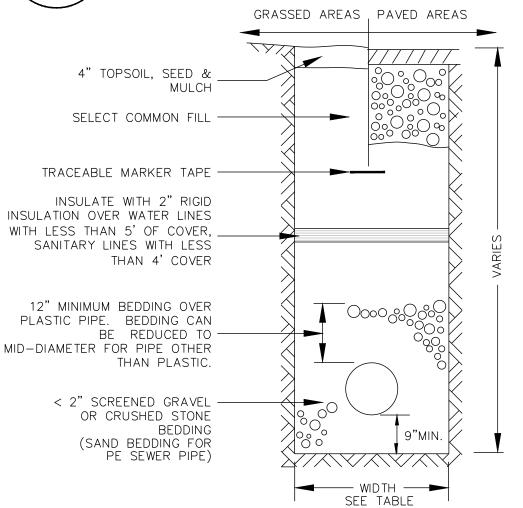


Handicap Parking Sign

Not to Scale

HANDICAP SYMBOL (6" WHITE LINES) " WIDE WHITE DIAGONALS (TYP.) ALL MARKINGS SHALL BE OF WHITE DURABLE PAINT MEETING MDPW STANDARD SPECIFICATIONS (M7.01.03).

Handicap Parking Pavement Markings C6



Typical Utility Trench

Not to Scale

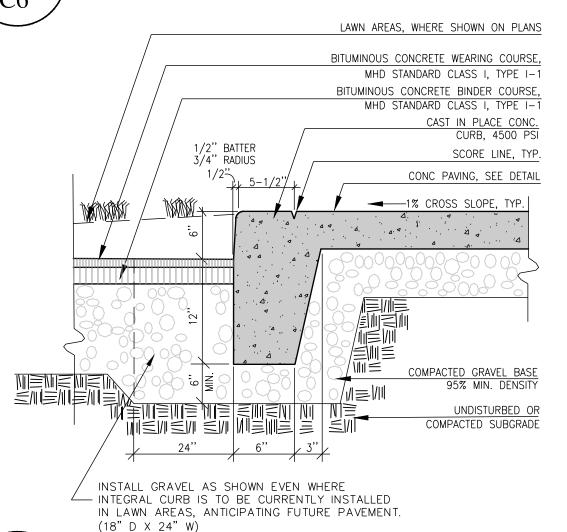
TRENCH WIDTH PIPE MINIMUM DIAMETER WIDTH TO 12" 14" TO 24"

MATERIAL VARIES, SEE PLAN BITUMINOUS CONCRETE PAVEMENT CEMENT CONCRETE 4500 PSI COMPACTED GRAVEL BASE AND BACKFILL, 95% MIN. DENSITY UNDISTURBED OR COMPACTED SUBGRADE UNDISTURBED OR
COMPACTED SUBGRADE

GRANITE CURB -WILLIAMS BLUE SKY, WILLIAMS STONE CO.

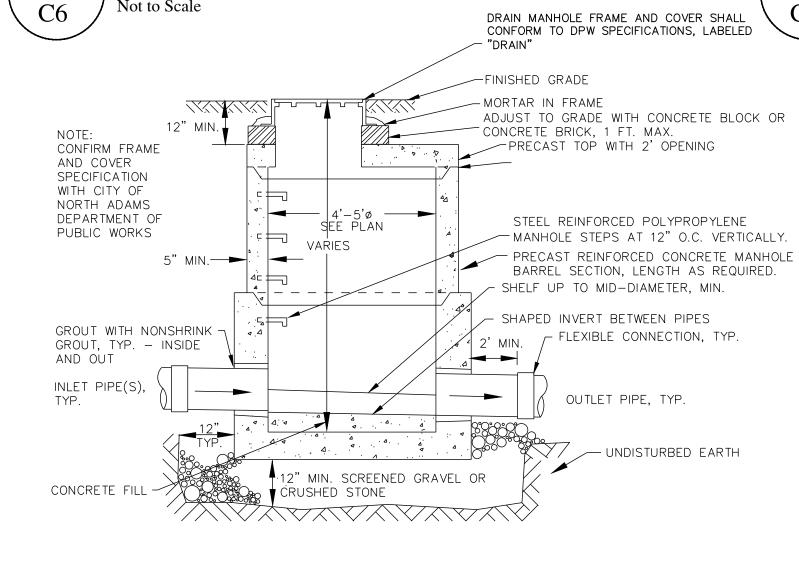
Granite Curb

Not to Scale **C**6



(18" D X 24" W) **Integral Concrete Curb**

Not to Scale



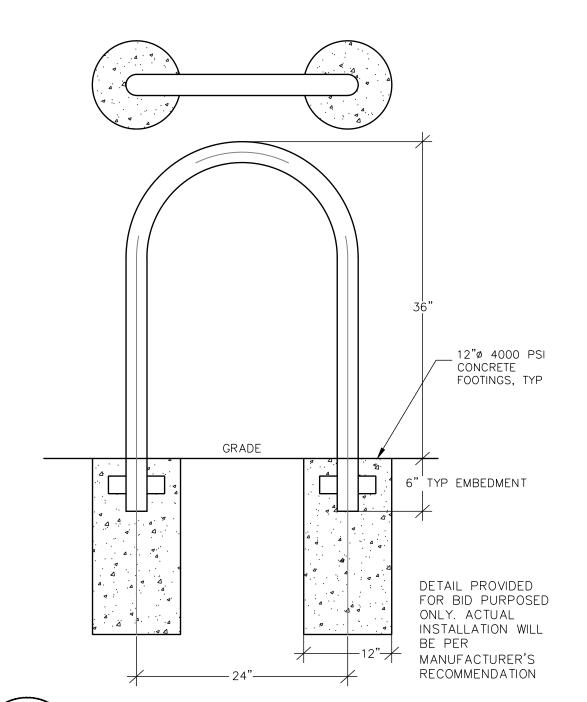
DRAIN PIPE AND FITTINGS SHALL BE SMOOTH INTERIOR SDR 35 PVC OR HDPE PIPE WITH SILT TIGHT JOINTS. STRUCTURES SHALL BE DESIGNED FOR H20 LOADINGS. EXISTING DRAIN MANHOLES SHALL BE INSPECTED FOR CONDITION AND STRUCTURAL INTEGRITY, AND

REPAIRED OR REPLACED AS REQUIRED. ADJUST FRAME AND COVER TO NEW GRADE.

PRECAST MANHOLE SECTIONS SHALL HAVE TONGUE AND GROOVE JOINTS WITH RUBBER "O" RING GASKET JOINT MORTAR ALL JOINTS AFTER SETTING IN PLACE

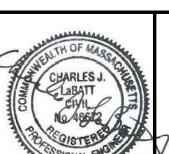
Drain Manhole

Not to Scale



Bike Loop Not to Scale **C**6

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Details									2
DRAWN BY:	LUV	DATE: 11.02.202	7						
CHECKED BY:	CJL	DRAWING NO.: 2372	0	1	REV. MISC. EDITS		12.9.20	CJL	
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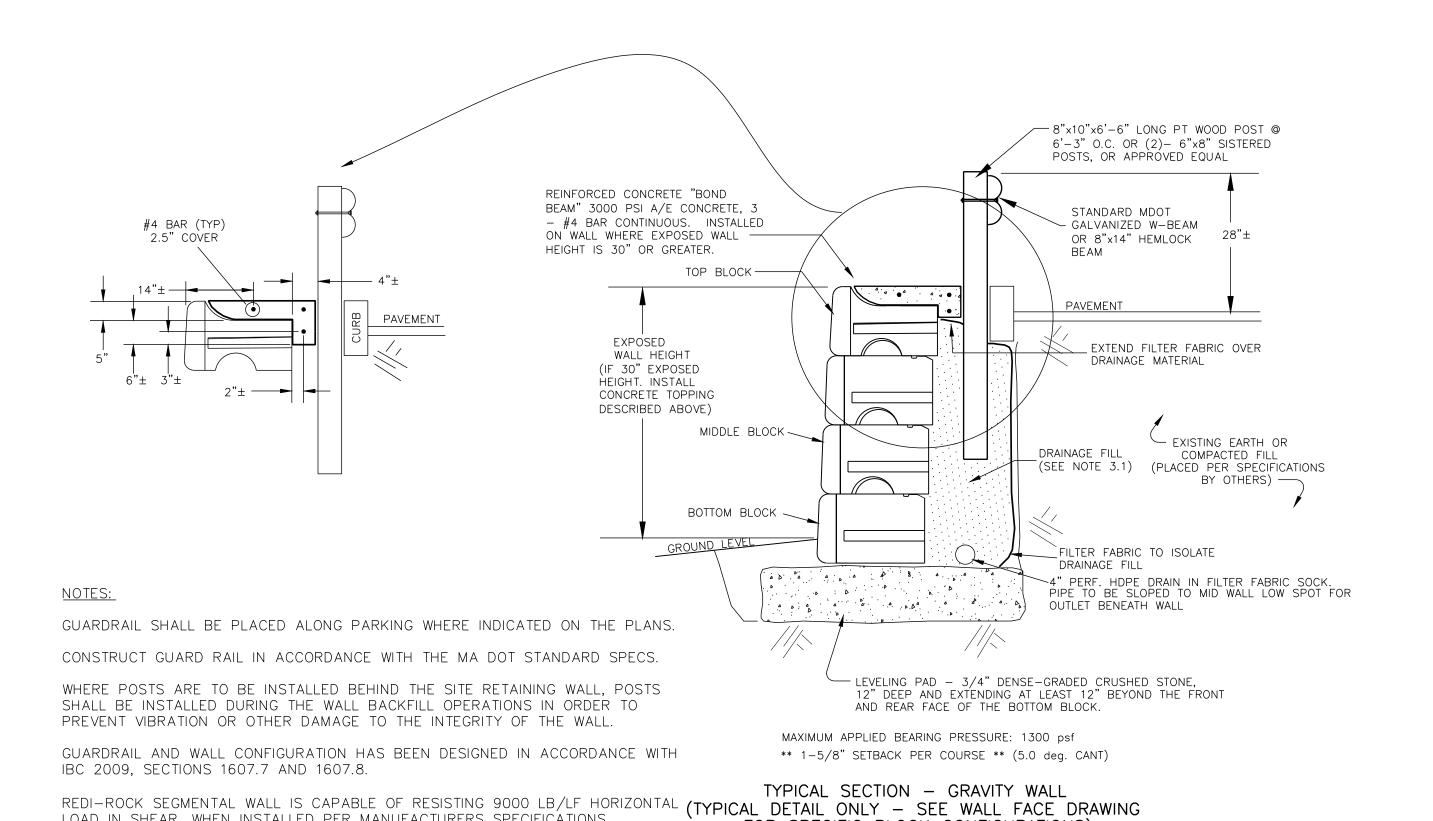




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Site Improvements Plan PREPARED FOR Sparkboro Wellness

1268 Curran Highway, North Adams



"REDI-ROCK" SEGMENTAL RETAINING WALL

LOAD IN SHEAR, WHEN INSTALLED PER MANUFACTURERS SPECIFICATIONS. FOR SPECIFIC BLOCK CONFIGURATIONS)

Not to Scale

Type B

Not to Scale

Precast Segmental Block Retaining Wall

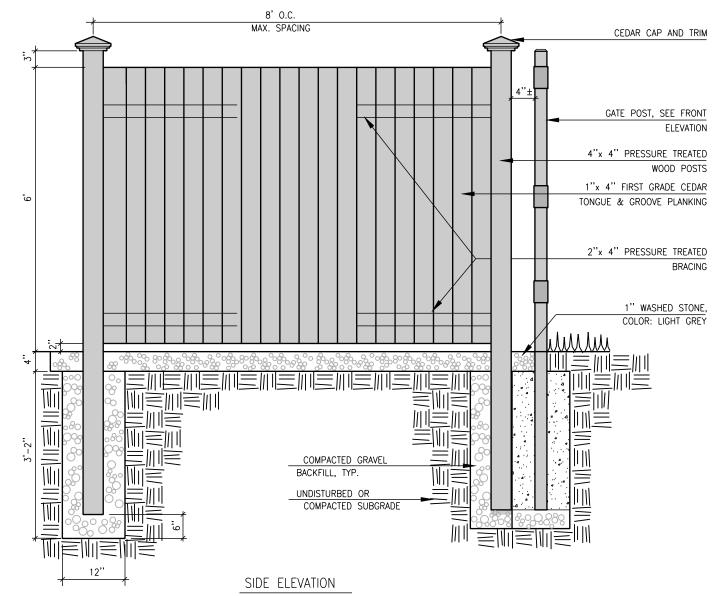
SLOPED RAMP SURFACE SEE PLAN FOR MATERIAL CONTROL JOINTS CURB TRANSITION URB-6" REVEAL, TYP. Type A MAINTAIN 6" MIN.
COMPACTED GRAVEL UNDER
CURB TRANSITION WITH ROADWAY CURB/RAMP TO BE FLUSH TAPERED CURB REVEAL, TYP.
1:12 SLOPE MAX. —SLOPED RAMP SURFACE CURB, 6" REVEAL CURB TRANSITION CAST IRON TACTILE WARNING PANELS CURBING TO BE FLUSH WITH EDGE OF ROADWAY, RADIUS VARIES, SEE LAYOUT PLAN CURB TRANSITION MAINTAIN 6" MIN. COMPACTED GRAVEL UNDER CURB TRANSITION

Typical Accessible Curb Ramp Construction

SLOPED RAMP SURFACE, TYP.
SEE PLAN FOR MATERIAL MAINTAIN 6" MIN.
COMPACTED GRAVEL UNDER
CURB TRANSITION INSTALL TACTILE WARNING TILE 2' MIN DEPTH FOR ENTIRE WIDTH OF FLUSH CURB. PRODUCT SHALL BE CAST IRON, CAST—IN—PLACE.

1"x 6" BRACE INSIDE GATE 2"x 6" VERTICAL BOARD
OUTSIDE GATE FOR
HINGES 5" GALVANIZED HINGES, WELDED TO POST CONC. PAD, SEE PLAN
AND DETAIL (BASE BID) 1" WASHED STONE,
COLOR: LIGHT GREY COMPACTED SUBGRADE

FRONT ELEVATION



Dumpster Enclosure Not to Scale **C**7

CONC DOOR PAD, 4500 PSI-MEDIUM TEXTURE BROOM FINISH WITH 3" TROWELLED EDGES AND #4's @ 12"O.C. E.W. FLUSH TRANSITIONS TO CONCRETE SIDEWALK SHALL BE DOWELED. STEPPED TRANSITIONS TO WALKS 1/2" W.x1"D. EXP. JOINT SEAL-1/2" DIA. BACKER ROD WITH 1/2" POLYURETHANE SEALER, PAD SIZE PER PLAN SHALL HAVE AN EXPANSION JOINT FINISH ONLY (NO DOWEL) 1/2" EXPANSION JOINT FILLER BLDG. FOUNDATION/DOOR SILL /2" DIA.x12" SMOOTH STEEL DOWEL AT 24" O.C. – 6" LUBRICTAED END WITH 5/8" MIN. EXPANSION CAP 8" MIN. COMPACTED GRAVEL BASE SUBGRADE SUBGRADE #4 BARS, 12" O. C. #4 BARS, CONTINUOUS

Concrete Landing at Doors Not to Scale

5" CONCRETE SLAB WITH 6"x6" W2.9xW2.9 1/2" CLOSED CELL, PREMOLDED FOAM WELDED WIRE MESH, MEDIUM BROOM FINISH PERPENDICULAR TO THE LENGTH EXPANSION JOINT MATERIAL WITH 1/2" MIN DEPTH STRIP-OUT TOP PIECE. SEAL TOP OF JOINT WITH A MODIFIED URETHANE SEALANT RECESSED 1/2" FROM WALK SURFACE. OF SIDEWALK; EXPANSION JOINTS & SCORELINES AS SHOWN ON PLAN SCORELINES - TROWELED NOT CUT - TO TOOL JOINT WITH A SMOOTH FINISH. EXTEND AT LEAST 1/3 DEPTH OF PAVING CONCRETE SHALL BE 4,500 PSI STRENGTH #4 SMOOTH STEEL DOWEL (24" LENGTH) W/ 12" WAXED SLEEVE ONE SIDE AT EXPANSION JOINTS, TYP MINIM DUMPSTER AND MECHANICAL PADS SHALL BE 6" THICK CONCRETE WITH #4 REBARS @ 12" O.C.E.W. COMPACTED GRAVEL BASE, 95% MIN. DENSITY UNDISTURBED OR COMPACTED SUBGRADE

Concrete Pavement

Not to Scale **C**7 NOTE: CONCRETE INSTALLER SHALL BE ACI CERTIFIED

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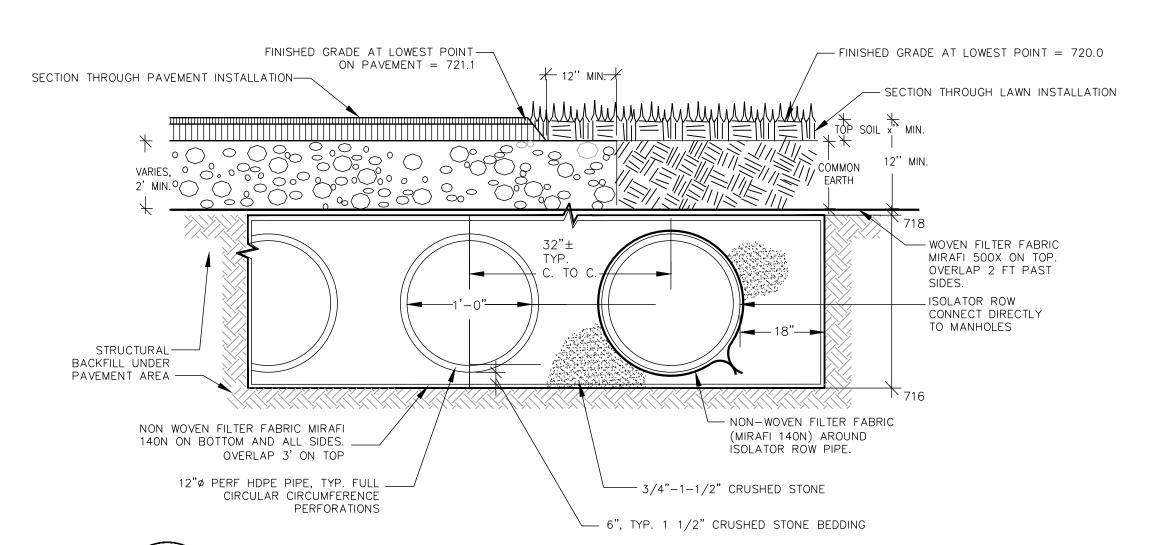




Site Improvements Plan PREPARED FOR Sparkboro Wellness

1268 Curran Highway, North Adams, MA





Subsurface Detention System

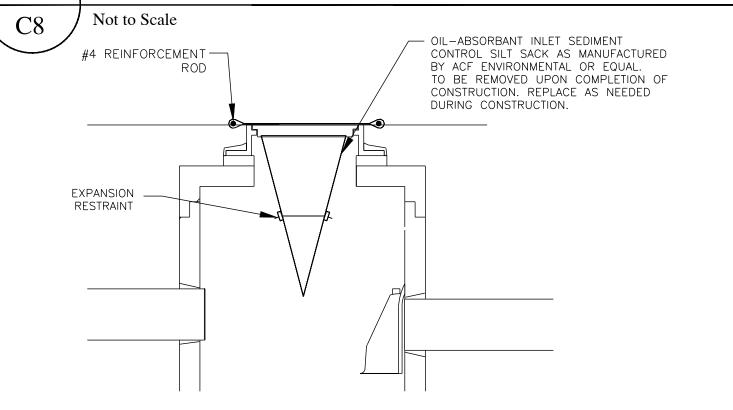
Not to Scale

C8

RIM EL AS NOTED BELOW DRAIN MANHOLE FRAME AND COVER SHALL CONFORM TO DPW ___ SPECIFICATIONS, LABELED "DRAIN" OR EQUAL IF APPROVED BY ENGINEER. - Milliment Milliment 720.32 PRECAST TOP WITH 36" 4" WIDE WEIR _ 12"ø STANDPIPE CREST EL 717.92 NOTE: SEE DRAIN MANHOLE DETAIL FOR MORE
INFORMATION REGARDING STRUCTURE CONSTRUCTION. - STANDPIPE TO WALL, TYP. 8"ø HIGHLINE MANIFOLD FROM DETENTION; INV=716.8 - 12"ø ISOLATOR ROW CONNECTION PIPE OUTLET PIPE, SIZE AND ELEVATION AS NOTED. PRECAST MANHOLE, 5' Ø,
STRUCTURE SHALL BE RATED
FOR H-20 LOADING 8"ø CLEANOUT LINE INVERT DISCHARGE "ø ORIFICE _ GROUT WITH NONSHRINK GROUT, TYP.

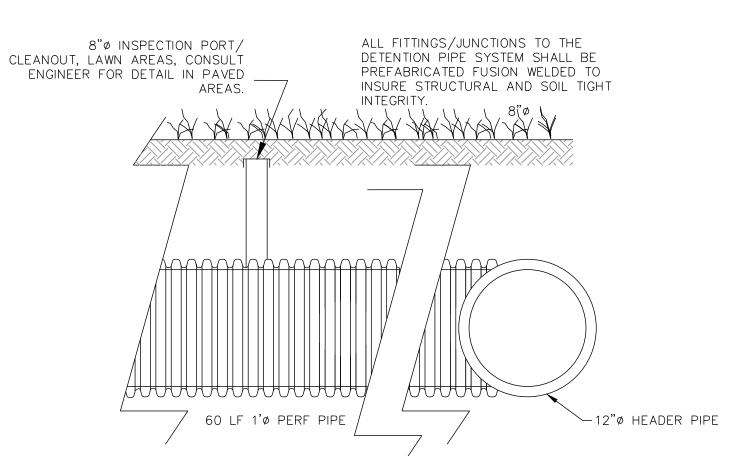
> 6" GRAVEL OR CRUSHED STONE BEDDING UNDER STRUCTURE TYP.

Outlet Control Structure - Subsurface System



Silt Sack Catch Basin Protection

C8 Not to Scale



Not to Scale

NOTES

1. STORMWATER DETENTION SYSTEM TO CONSIST OF FOURTEEN (14) - 12" Ø SIXTY (60) FOOT LONG PIPES, 32" O.C., LAID LEVEL.

2. ALL RETENTION AND DETENTION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST EDITION.

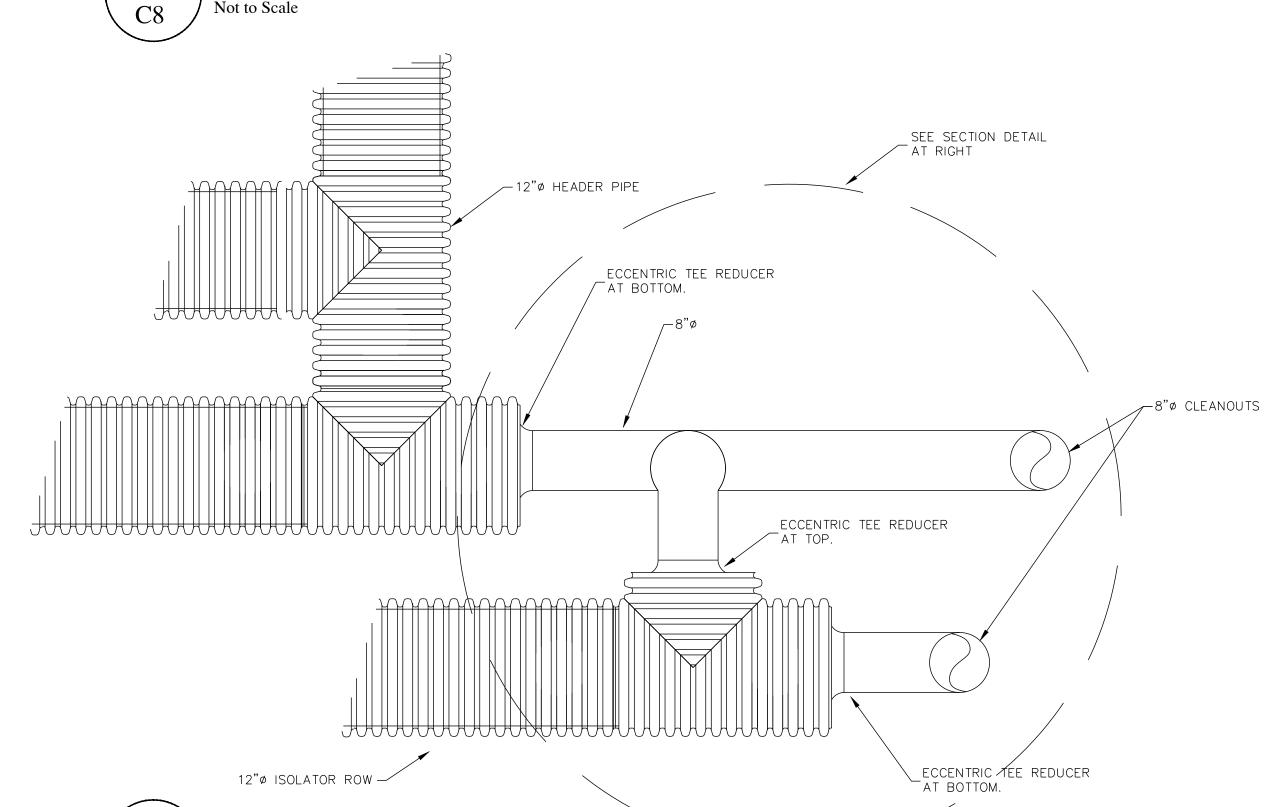
3. GEOTEXTILES SHALL BE USED TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL. 4. AASHTO M288 CLASS 2 NON-WOVEN GEOTEXTILE (FILTER FABRIC) MUST BE USED ON TOP OF THE ISOLATOR ROW

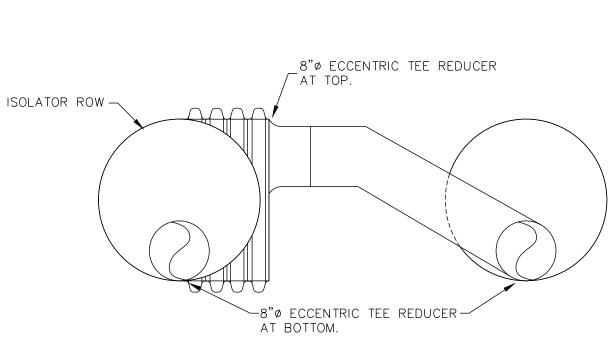
5. THE CONTRACTOR MUST REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR A TABLE OF ACCEPTABLE VEHICLE LOADS AT VARIOUS DEPTHS OF COVER. THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING VEHICLES THAT EXCEED MANUFACTURER'S REQUIREMENTS FROM TRAVELING ACROSS OR PARKING OVER THE SYSTEM. TEMPORARY FENCING, WARNING TAPE AND APPROPRIATELY LOCATED SIGNS ARE COMMONLY USED TO PREVENT UNAUTHORIZED VEHICLES FROM ENTERING SENSITIVE CONSTRUCTION AREAS.

6. THE CONTRACTOR MUST APPLY EROSION AND SEDIMENT CONTROL MEASURES TO PROTECT THE STORMWATER SYSTEM DURING ALL PHASES OF SITE CONSTRUCTION PER LOCAL CODES AND DESIGN ENGINEER'S SPECIFICATIONS.

7. ISOLATOR ROW SYSTEMS TO BE TEMPORARILY CAPPED AT INLET STRUCTURE TO PREVENT PREMATURE SEDIMENTATION DURING CONSTRUCTION. REMOVE CAPS ONCE SITE VEGETATION IS

Subsurface Detention System Inspection Port

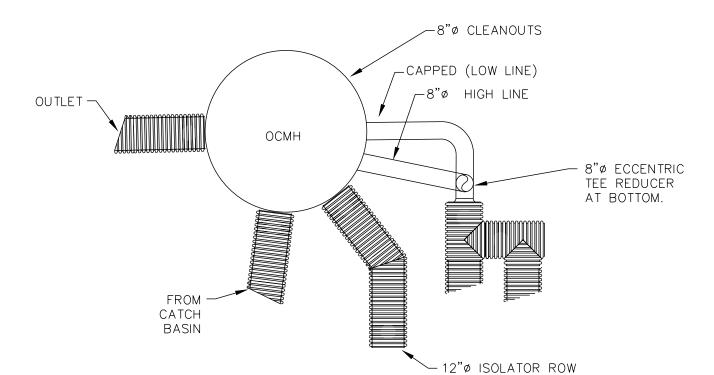




SECTION DETAIL

Isolator Row Cleanouts

Not to Scale **C**8



OUTLET_ - 12"-18"ANGULAR RIPRAP, TYP.100#-200# AVERAGE SIZE CHINK GAPS WITH SMALLER STONE. - 18" MINIMUM CRUSHED STONE OR COARSE GRAVEL CUSHION BETWEEN RIPRAP AND FILTER FABRIC. MIRAFI #140 FILTER FABRIC OR EQUAL. KEY IN EDGES AND OVERLAP SEAMS BY 2' MIN. TYPICAL EXISTING ERODED AND UNDERCUT GRADE AT CULVERT OUTLET. TOP OF RIPRAP END SHOULD BE APPROXIMATELY LEVEL WITH SWALE BED/GRADE.

Outlet Control Manhole Connections

C8 Not to Scale

Outlet Stone Splash Pad

Not to Scale

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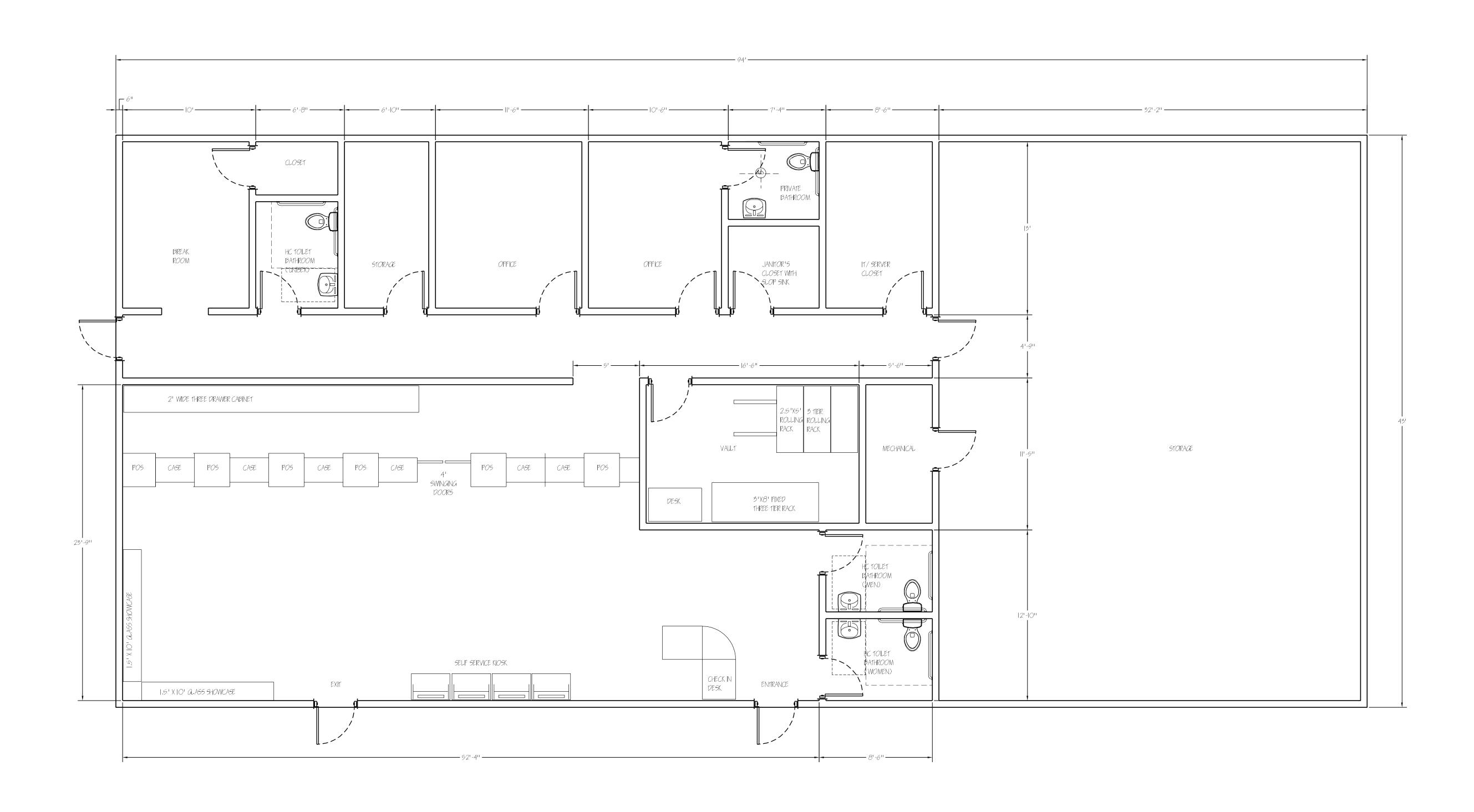


Site Improvements Plan PREPARED FOR 55 NORTH STREET WILLIAMSTOWN, MA. 01267 Sparkboro Wellness 413-458-2198

1268 Curran Highway, North Adams MA







1 First Floor Plan
A2 1/4"=1'-0"

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55 NORTH STREET

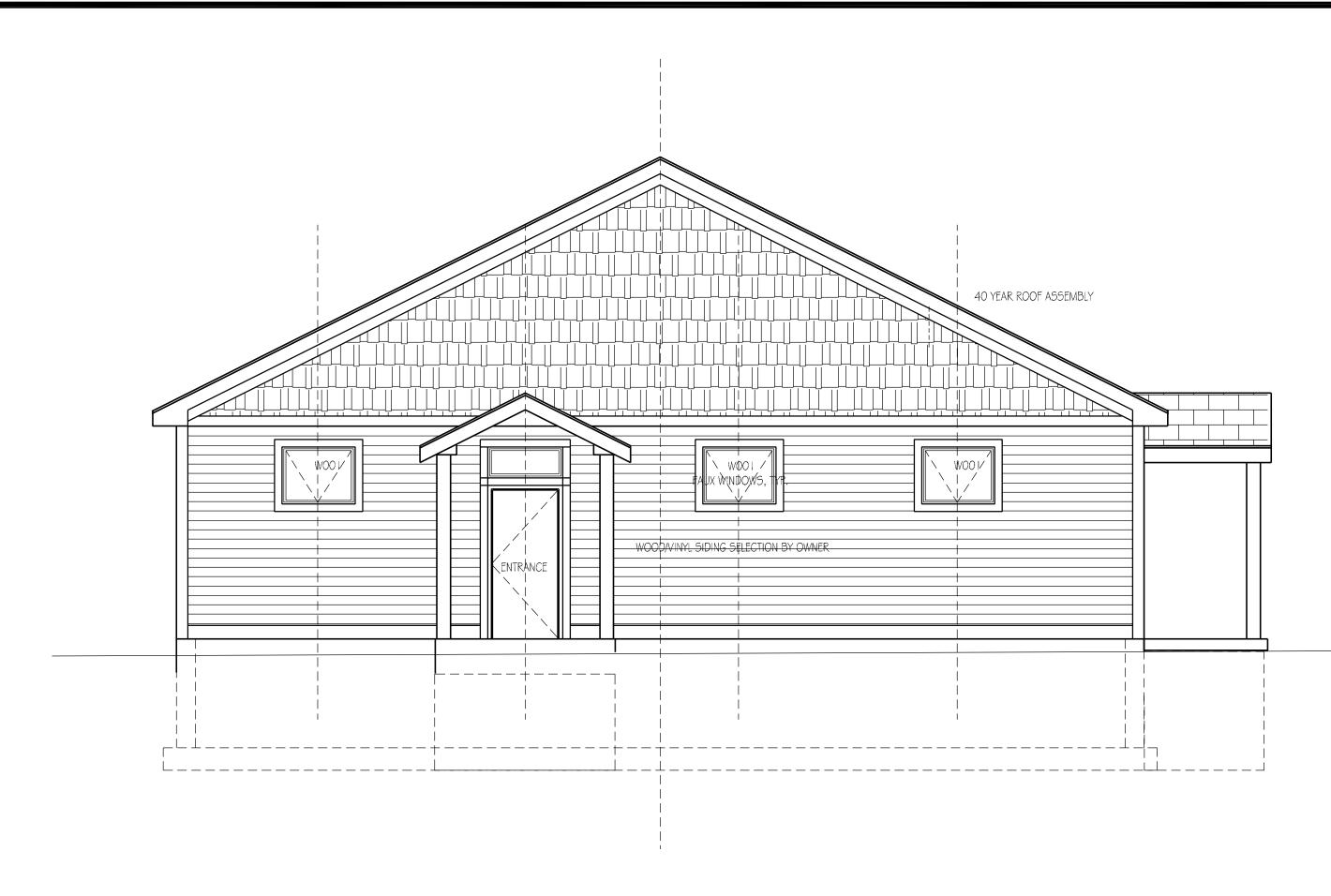
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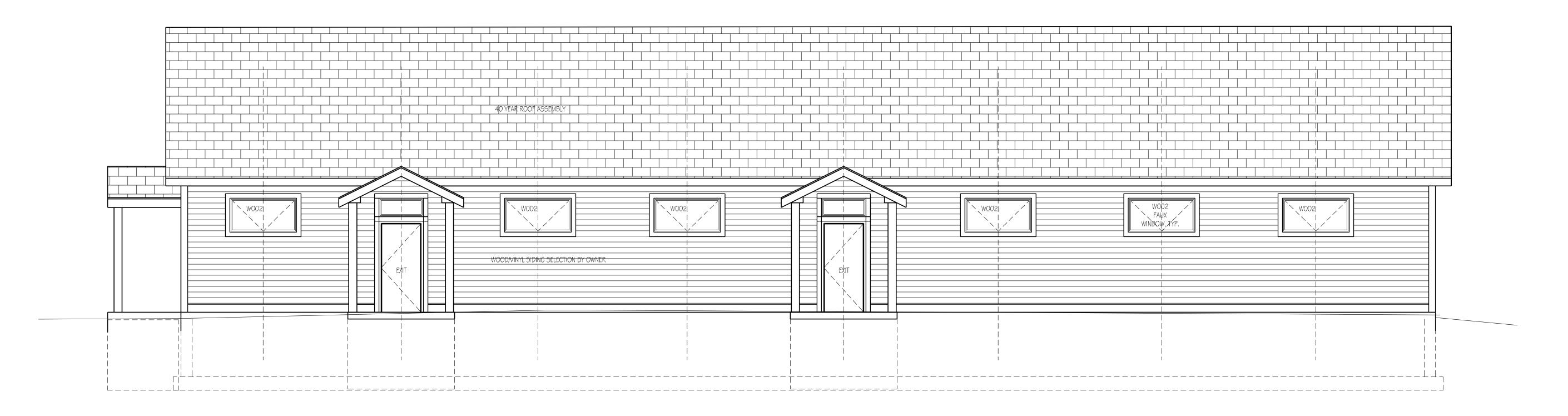
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SPARKBORO WELLNESS
1268 CURRAN HIGHWAY, NORTH ADAMS, MA

A2



South Elevation



West Elevation

BUILDING ELEVATIONS				SEVIJION2		
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COMMERCIAL BUILDING

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1268 CURRAN HIGHWAY, NORTH ADAMS, MA