

PROJECT NAME:

Activities Room Addition

PREPARED FOR:

Bethany Health Care Center

PROJECT ADDRESS:

97 Bethany Road
Frammingham, MA 01702

Planning Board Signature



Site Plan Review

Project Issued: 08/19/2016

Bethany Health Care Center

Architect:

PIR|A

A R C H I T E C T S
700 Massachusetts Avenue
4th Floor
Cambridge, MA 02139
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Fax. 617-354-1467
www.piraarch.com



Structural Engineer:

Becker Structural Engineers, Inc.

75 York Street
Portland, ME 04101
Tel. 207-879-1822
www.beckerstructural.com

Landscape Architect:

A. T. Leonard & Associates

675 Jones Hill Road
Ashby, Massachusetts 01431
Tel. 978-386-1212
www.atleonard.com

M.P. FP Engineer:

Building Engineering Resources, Inc.

68 Main Street
North Easton, MA 02356
Tel. 508-230-0260
Fax. 508-230-0255
www.ber-engineering.com

Electrical Engineer:

Shepherd Engineering, Inc.

1308 Candler Street
Worcester, MA 01604
Tel. 508-757-7793
Fax. 508-753-2399
www.shepherdengineeringinc.co

Civil Existing Conditions Survey Engineer:

Schofield Brothers of New England Inc.

1071 Worcester Rd.
Frammingham, MA 01701
Tel. 508-879-0030
www.schofieldbros.com

Civil Engineer:

Whitman & Bingham Associates, LLC

510 Mechanic Street
Leominster, MA 01453
Tel. 978-537-5296
Fax. 978-537-1423
www.whitmanbingham.com



Project Issued: 08/19/2016

Exterior Perspective



Interior Perspective



Locus Plan:



Site Plan Review Drawing List:

Date	#	Title
08/19/2016	00	Cover Sheet
09/13/2016	C100	Utility Plan 9/13/2016
09/13/2016	C200	Erosion Control Plan 9/13/2016
09/19/2016	C300	Erosion Control & Stormwater Details 9/13/2016
09/19/2016	L101	Landscape Plan 9/19/2016
09/19/2016	D1.1	Demolition Plan 9/19/2016
09/19/2016	A0.1	Existing Conditions Plan 9/19/2016
09/19/2016	A1.1	Utility Level Plan 9/19/2016
09/19/2016	A1.2	Road Plan 9/19/2016
09/19/2016	A2.1	Exterior Elevations 9/19/2016
09/19/2016	A2.2	Exterior Elevations 9/19/2016

Cover Sheet

Activities Room Addition

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Project Team:



WHITMAN & BINGHAM

REGISTERED PROFESSIONAL ENGINEERS



Planning Board Signature



Date: _____

Revisions:

Date	Revisions

Drawing Title:
Utility Plan

Scale: 1" = 10'

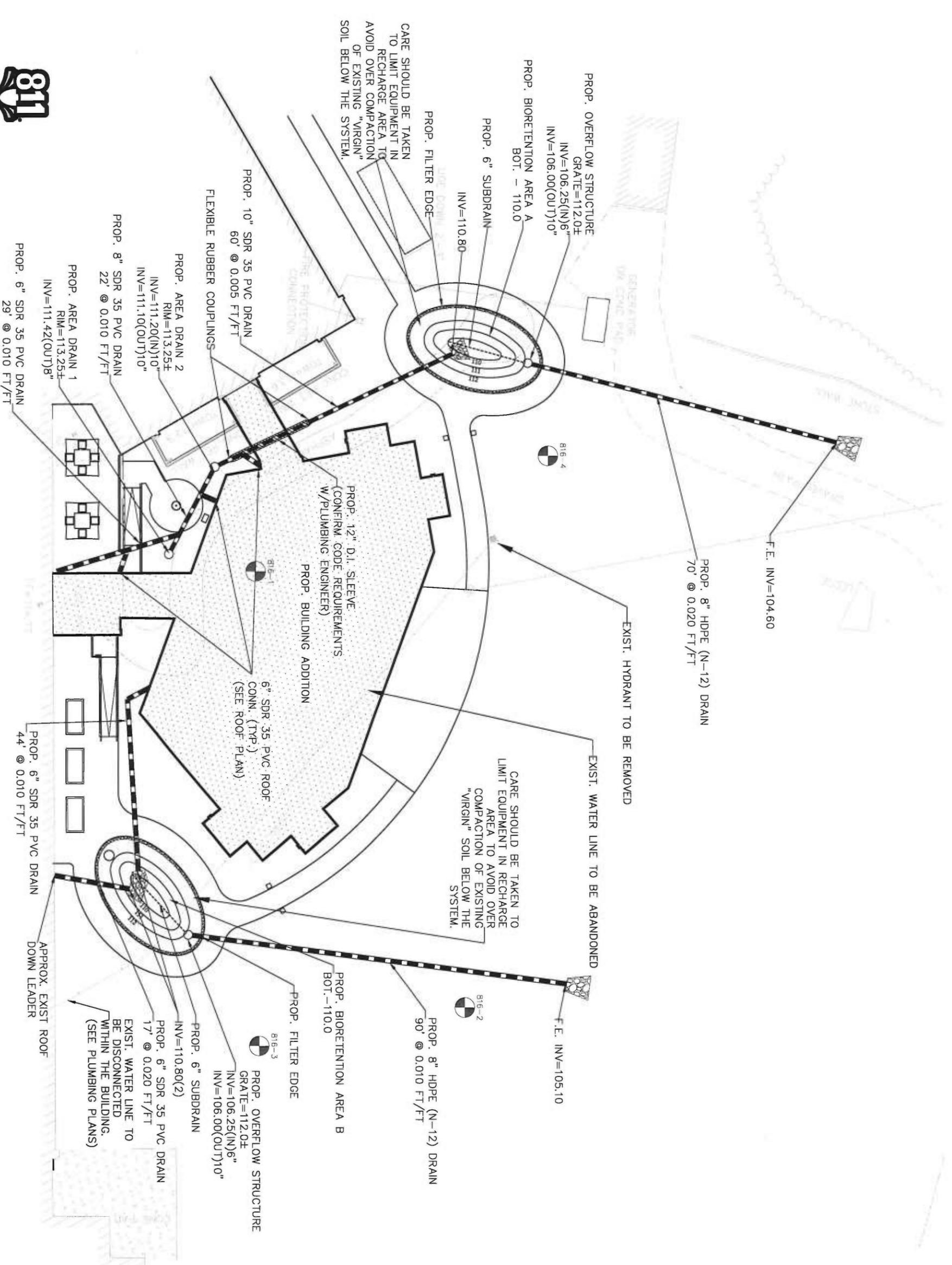
Job No.:

Date: 09/13/2016

Drawing No.:
C100



Know what's below.
Call before you dig.



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Project Team:



WHITMAN & BINCHAM
 ENGINEERS ARCHITECTS & LAND SCAPERS

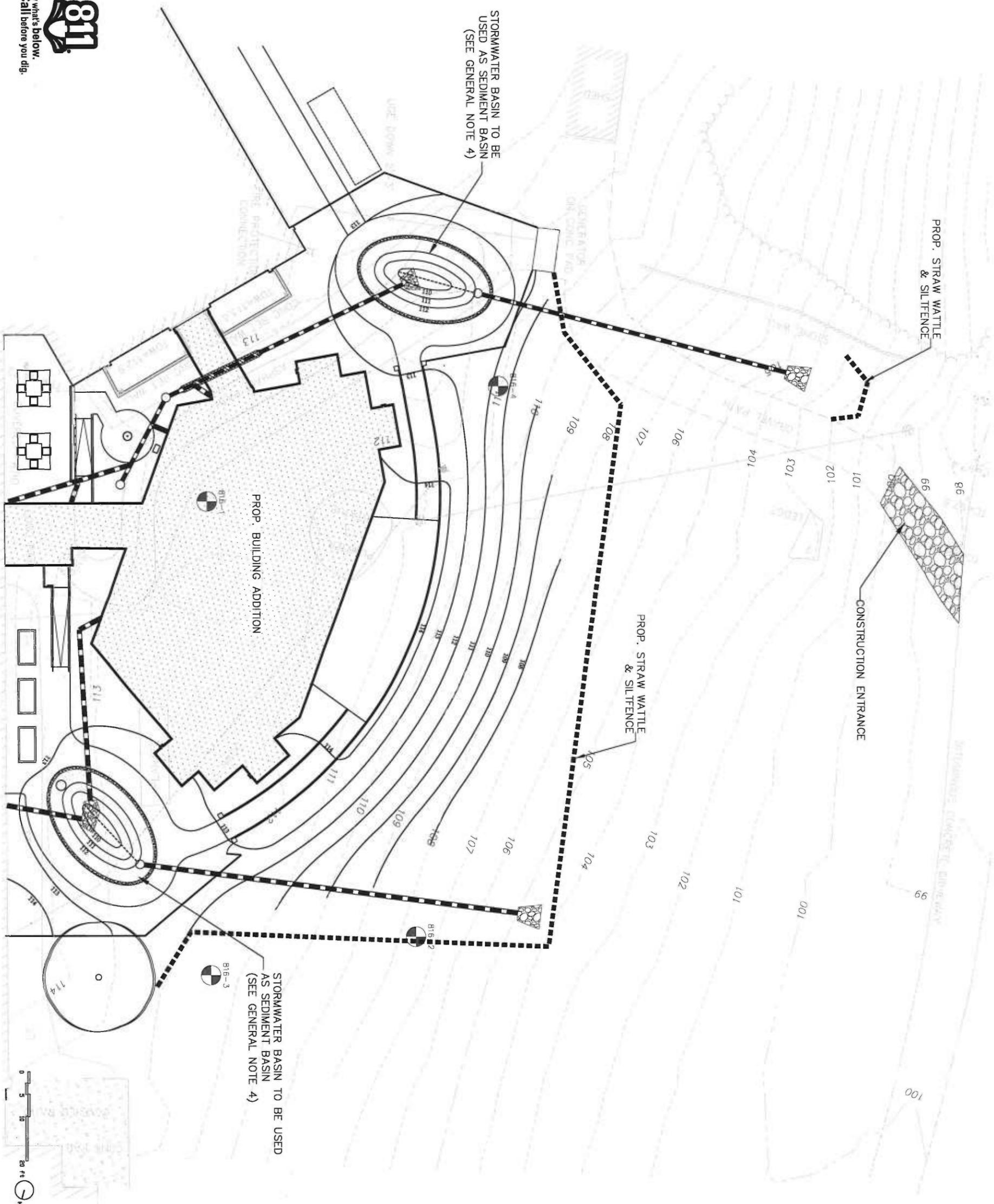


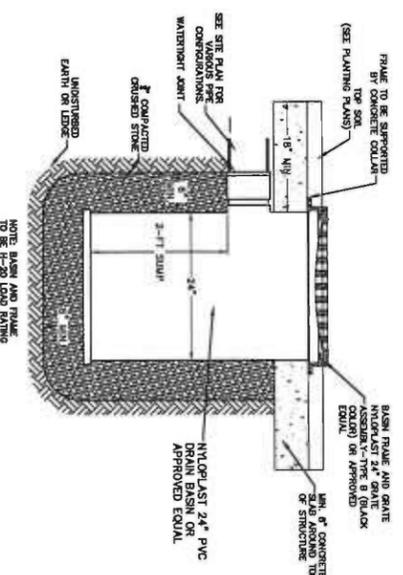
Planning Board Signature

Date: _____
 Revisions: _____

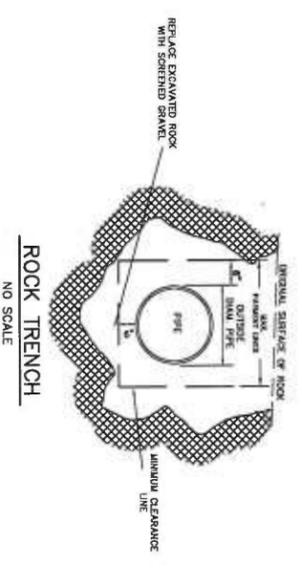
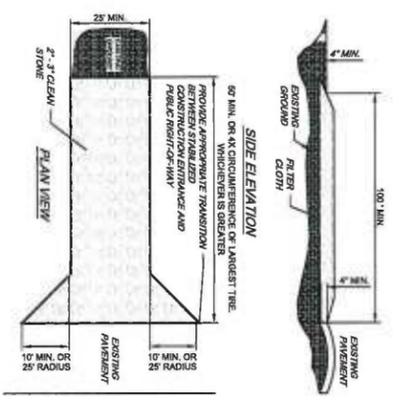
Drawing Title:
Erosion Control Plan

Scale: 1" = 10'
 Job No.: _____
 Date: 09/13/2016
 Drawing No.: **C200**

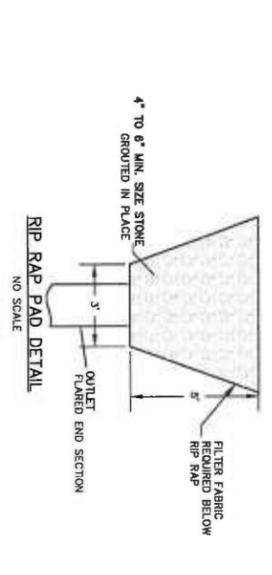




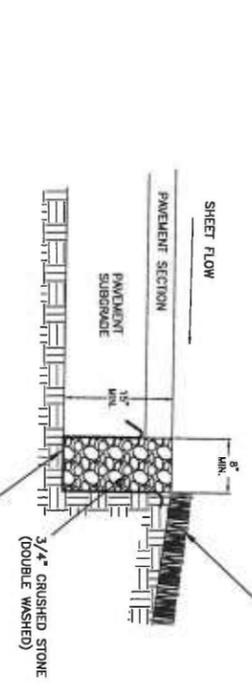
PRE-FABRICATED PVC YARD DRAIN BASIN
NOT TO SCALE



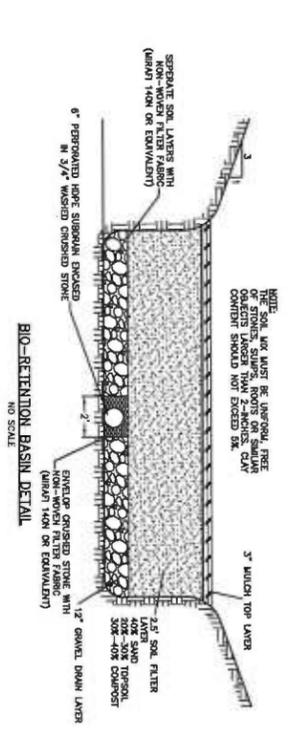
ROCK TRENCH
NO SCALE



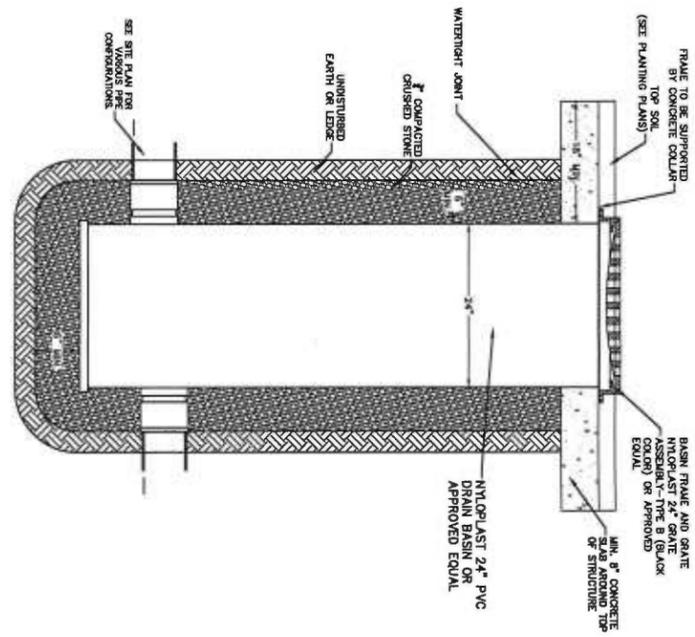
RIP RAP PAD DETAIL
NO SCALE



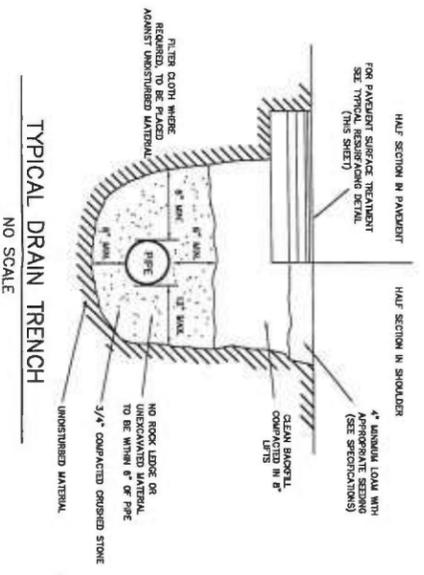
FILTER EDGE DETAIL
NO SCALE



BIO-RETENTION BASIN DETAIL
NO SCALE



PRE-FABRICATED PVC OVERFLOW
NOT TO SCALE

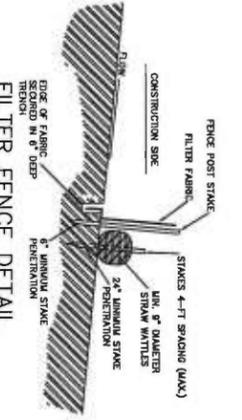


TYPICAL DRAIN TRENCH
NO SCALE

- CONSTRUCTION SPECIFICATIONS**
1. STONE - USE COARSE AGGREGATE (2 - 1 INCH STONE).
 2. LENGTH - AS EFFECTIVE, BUT NOT LESS THAN 100 FEET.
 3. WIDTH - NOT LESS THAN FULL WIDTH OF ALL PORTS OF INGRESS OR EGRESS.
 4. WASHING - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING THE CONSTRUCTION SITE.
 5. WASHING - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING THE CONSTRUCTION SITE.
 6. WASHING - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING THE CONSTRUCTION SITE.
 7. 12" X 24" METAL GRATE MAY BE USED. GRATE SHALL BE 25' AWAY FROM PAVEMENT AND APPROXIMATE SEDIMENT CONTROL TRAPING DEVICE SHALL BE USED AT GRATE OUTLET POINT.

STABILIZED CONSTRUCTION ENTRANCE
(NOT TO SCALE)

- GENERAL EROSION CONTROL MEASURES**
1. THE SITE SUBCONTRACTOR SHALL MAINTAIN VEGETATION AND EROSION CONTROL DEVICES THROUGHOUT THE PROJECT SITE FOR THE DURATION OF THE CONSTRUCTION.
2. ALL SLOPES STEEPER THAN 3:1 SHALL BE SEEDED AND MULCHED WITHIN 72 HOURS OF THEIR COMPLETION.
3. ALL SLOPES AND DITCHES WITH SLOPES EXCEEDING 5% AND SLOPES STEEPER THAN 3 TO 1, SHALL BE TREATED WITH EROSION CONTROL BLANKETS.
4. TO MINIMIZE WIND EROSION AND CONTROL DUST, CONTRACTORS SHOULD DISPENSE WATER OVER EXCAVATION AND TILL MASSES.
5. WHERE SEDIMENT HAS BEEN TRACKED OUT FROM THE SITE ONTO THE SURFACE OF OTHER SITE STREETS, OTHER AREAS, OR PUBLIC RIGHTS-OF-WAY, CONTRACTORS SHALL BE RESPONSIBLE FOR CLEANING UP THE TRACK-OUT ON A NON-WORK DAY. YOU MUST REMOVE THE TRACK-OUT BY SWEEPING, SHOVELING, OR WASHING THESE SURFACES. TRACKING OF SEDIMENT INTO ANY STORMWATER CONVEYANCE (UNLESS IT IS CONNECTED TO A SEDIMENT BASIN, SEDIMENT TRAP, OR SIMILARLY EFFECTIVE CONTROL), STORM DRAIN INLET, OR SURFACE WATER.)
- CONSTRUCTION SEDIMENT AND EROSION CONTROL:**
1. CONSTRUCT SILTATION FENCE AS DETAIL ON THE DESIGN PLANS.
 2. INSTALL CONSTRUCTION ENTRANCE (SEE DETAIL).
 3. CLEAR AND GRUB TO LIMITS OF CUT AND FILL.
 4. CONSTRUCT TEMPORARY SEDIMENT AND EROSION CONTROL FACILITIES. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF EARTHWORK OPERATIONS. TEMPORARY SEDIMENT ADDITIONAL PROTECTION FROM SEDIMENT TRANSPORT.
 5. CONSTRUCT AND STABILIZE PERIMETER SLOPES AND TREATMENT SWALES.
 6. THE SLOPES OF ANY SEDIMENT BASINS SHOULD BE CHECKED REGULARLY TO ENSURE IT IS STRUCTURALLY SOUND AND NOT DAMAGED BY EROSION. THE SEDIMENT SHOULD BE REMOVED ONCE 6" OF SEDIMENT HAS ACCUMULATED ABOVE THE BOTTOM GRADE OF THE BASIN. IN NO CASE SHOULD THE SEDIMENT LEVEL BE ALLOWED TO REACH UP TO THE BOTTOM GRADE OF THE DRAIN.
 7. CONSTRUCT TEMPORARY DIVERSION CHANNELS AS REQUIRED.
 8. CONSTRUCT TEMPORARY BERM, DRAINAGE DITCHES, SILT FENCES, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.
 9. REMOVE EXISTING PAVEMENT AND CONCRETE AREAS DESIGNATED FOR DEMOLITION.
 10. COMPELCE SITE GRADING.
 11. CONSTRUCT PAVED AREAS TO SUBGRADE.
 12. INSTALL PROPOSED UTILITIES.
 13. INSTALL INLET PROTECTION ON ALL PROPOSED STORMWATER INLETS.
 14. CONSTRUCT RETAINING WALLS AND/OR FINAL TILT/CUT SLOPES.
 15. FINALIZE PAVEMENT SUBGRADE PREPARATION.
 16. CONSTRUCT ALL CURB AND GUTTER, GUTTER INLETS, AREA INLETS, AND STORM SEWERS AND MANHOLES AS SHOWN ON THE PLANS. INLET PROTECTION MAY BE REMOVED TEMPORARILY FOR THIS CONSTRUCTION.
 17. REMOVE INLET PROTECTION AROUND INLETS AND MANHOLES NO MORE THAN 48 HOURS PRIOR TO PAVING STABILIZED BASE COURSE.
 18. INSTALL BASE MATERIAL AS REQUIRED FOR PAVEMENT.
 19. CARRY OUT FINAL GRADING AND SEEDING AND PLANTING.
 20. INSTALL UNDER COURSE OF PAVEMENT.
 21. INSPECT AND CLEAN DRAINAGE SYSTEM.
 22. PRIOR TO READING SEDIMENT BASINS, ALL DISTURBED AREAS SHOULD BE STABILIZED AND ACCUMULATED SEDIMENT REMOVED FROM THE BASINS. NO SEDIMENT IS ALLOWED TO FLOOF FROM THE SITE OR BE FLUSHED INTO A STREAM OR DRAINAGEWAY.
 23. INSTALL STONE WICK DRAINS IN STORMWATER BASIN.
 24. THE REMAINING EXCAVATION OF THE STORMWATER BASIN AND ANY RESTORATION OF THE BOTTOM OF THE BASIN TO PROVIDE A CLEAN INFILTRATION SURFACE CAN BE DONE ONCE THE SITE HAS BEEN STABILIZED. THE SLOPES OF THE BASINS SHOULD THEN BE LOADED AND SEEDED IN ACCORDANCE WITH PERMANENT SEEDING SCHEDULE AND REQUIRED WINDPROOF ARCHS SHOULD BE INSTALLED.
 25. ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS OR MULCH.
 26. REMOVE EROSION CONTROL DEVICES WHEN ALL DISTURBED SURFACES HAVE BEEN STABILIZED WITH FINAL VEGETATIVE COVER. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
 - A. BASE COURSE GRANULES ARE INSTALLED IN AREAS TO BE SEED.
 - B. MULCH IS APPLIED TO AREAS TO BE SEED.
 - C. A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP
 - D. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.



FILTER FENCE DETAIL
NO SCALE

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REGISTERED PROFESSIONAL ENGINEERS
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CAMBRIDGE, MASSACHUSETTS 02142

Professional Seal: Registered Professional Engineer, State of Massachusetts, No. 10123, Exp. 12/31/2016

Planning Board Signature

Date: _____

Revisions:

Drawing Title:
Erosion Control & Stormwater Details

Scale: None

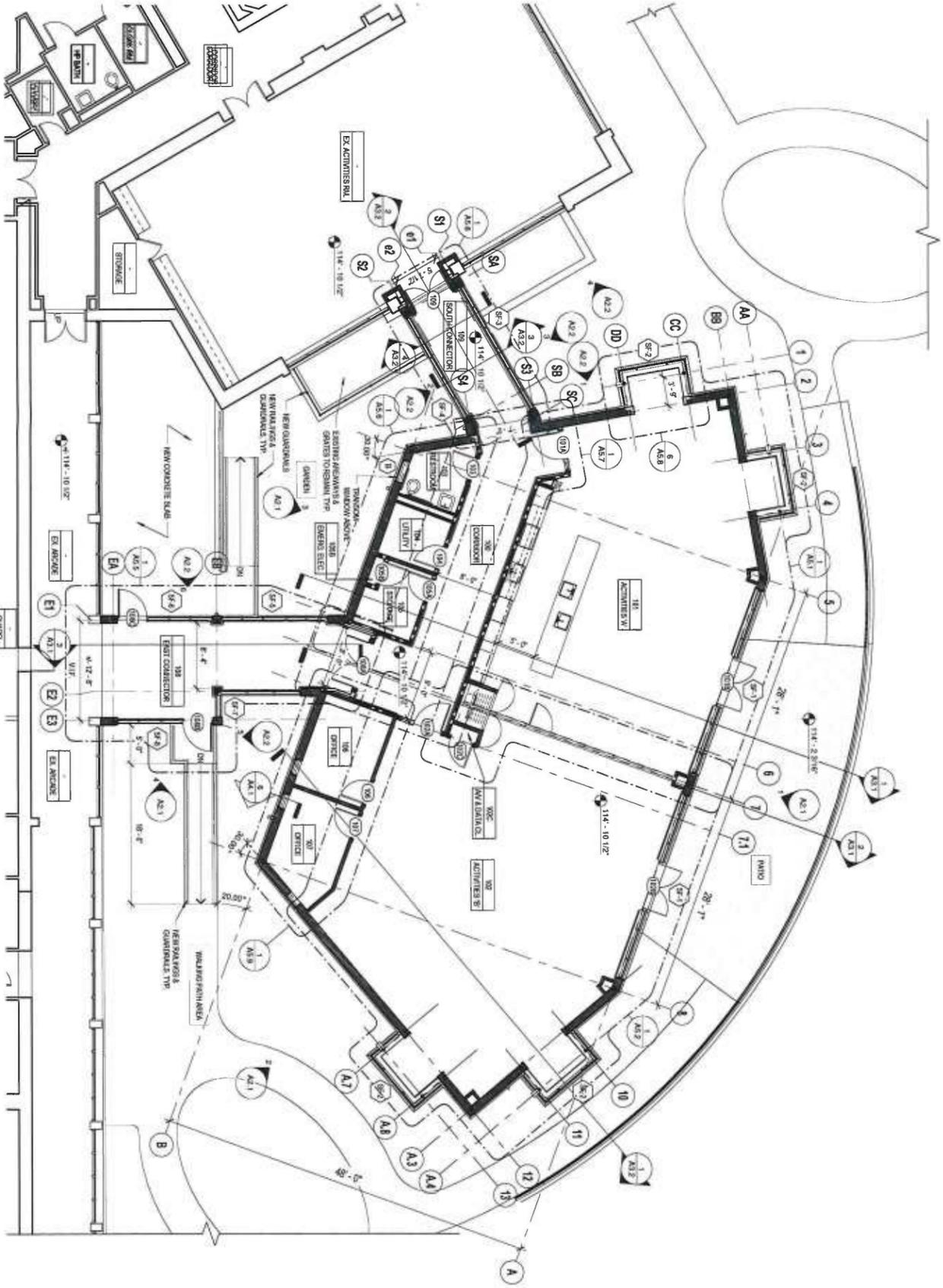
Job No.: _____

Date: 09/13/2016

Drawing No.: **C300**

RM #	ROOM NAME	FLOORS		BASE		NORTH		EAST		WALL FINISH		SOUTH		WEST		CEILING		REMARKS
		FINISH		FINISH		FINISH		FINISH		FINISH		FINISH		FINISH		FINISH		
100	CORRIDOR	WHT PLANK		WOOD - MAPLE CLEAR FINISH		GRB PAINTED		202 ACQUISITIONAL CEILING TILE W/ GRB SCOFFITS. REF. RCP FOR EXTENS		REF. RCP & TYP. INTERIOR DETAILS FOR MORE INFO.								
101	ACTIVITIES 'A'	WHT PLANK		WOOD - MAPLE CLEAR FINISH		GRB PAINTED		202 ACQUISITIONAL CEILING TILE W/ GRB SCOFFITS. REF. RCP FOR EXTENS		REF. RCP & TYP. INTERIOR DETAILS FOR MORE INFO.								
102	ACTIVITIES 'B'	WHT PLANK		WOOD - MAPLE CLEAR FINISH		GRB PAINTED		202 ACQUISITIONAL CEILING TILE W/ GRB SCOFFITS. REF. RCP FOR EXTENS		REF. RCP & TYP. INTERIOR DETAILS FOR MORE INFO.								
103	AV & DATA CL.	CARPET TILE 1		CARPET TILE 1		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
104	AV & DATA CL.	CARPET TILE 1		CARPET TILE 1		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
105	RESTROOM	CERAMIC TILE		CERAMIC TILE		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
106	UTILITY	WHT SHEET		CERAMIC TILE & PTD GRB		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
107	STORAGE	WHT SHEET		FRIBBER BASE		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
108	STORAGE	WHT SHEET		FRIBBER BASE		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
109	STORAGE	WHT SHEET		FRIBBER BASE		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
110	STORAGE	WHT SHEET		FRIBBER BASE		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
111	STORAGE	WHT SHEET		FRIBBER BASE		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
112	STORAGE	WHT SHEET		FRIBBER BASE		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
113	STORAGE	WHT SHEET		FRIBBER BASE		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
114	STORAGE	WHT SHEET		FRIBBER BASE		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
115	STORAGE	WHT SHEET		FRIBBER BASE		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
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117	STORAGE	WHT SHEET		FRIBBER BASE		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
118	STORAGE	WHT SHEET		FRIBBER BASE		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										
119	STORAGE	WHT SHEET		FRIBBER BASE		GRB PAINTED		202 ACQUISITIONAL CEILING TILE										

FINISH SCHEDULE



1 Entry Level - Proposed Plan
1/8" = 1'-0"

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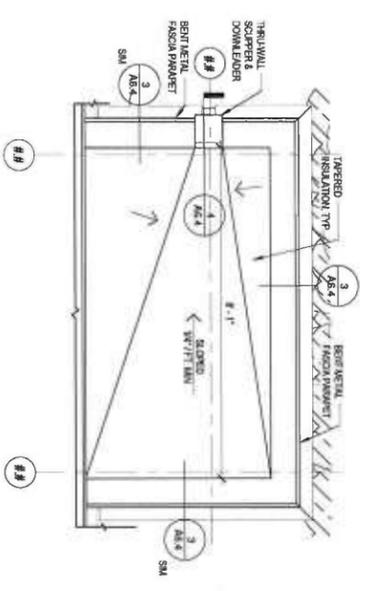
Project Team:

Planning Board Signature

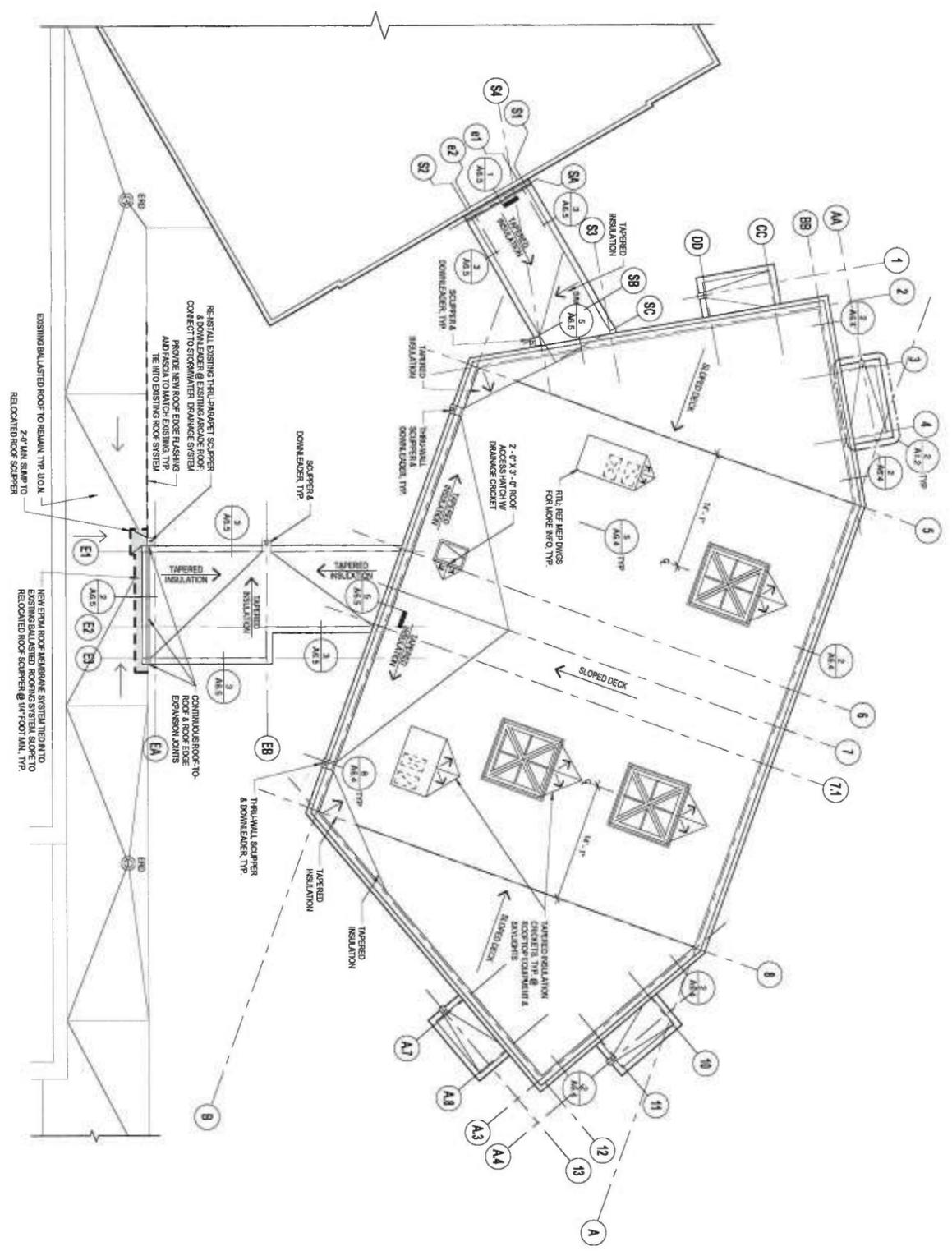
Date: 02/22/2016
Revisions:
1 INITIAL DPH SUBMISSION
08/01/2016 REVISED DPH SUBMISSION

Drawing Title:
Entry Level Plan

Scale: 1/8" = 1'-0"
Job No.: V0203.00
Date: 08/19/2016
Drawing No.: **A1.1**



2 Bay Roof - Typ. Plan
1/2" = 1'-0"



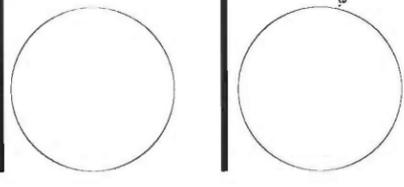
1 Roof Plan
1/8" = 1'-0"

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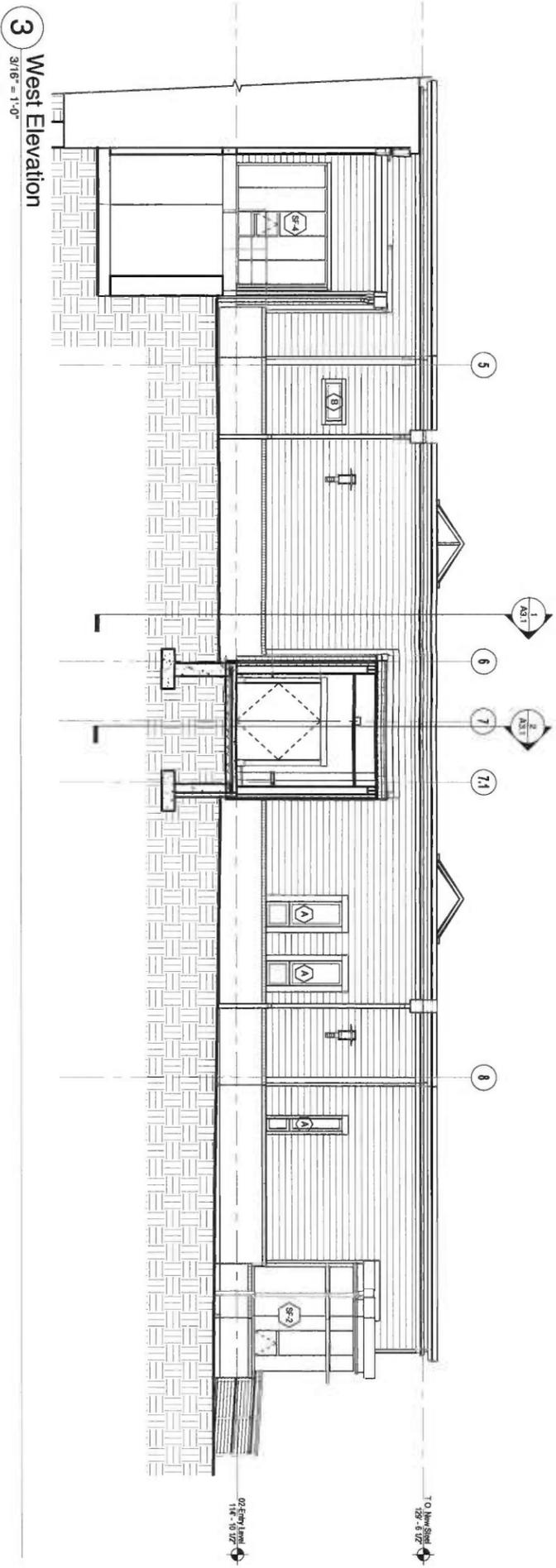


Date:	Revisions:
02/22/2016	INITIAL DPH SUBMISSION
08/01/2016	REVISED DPH SUBMISSION

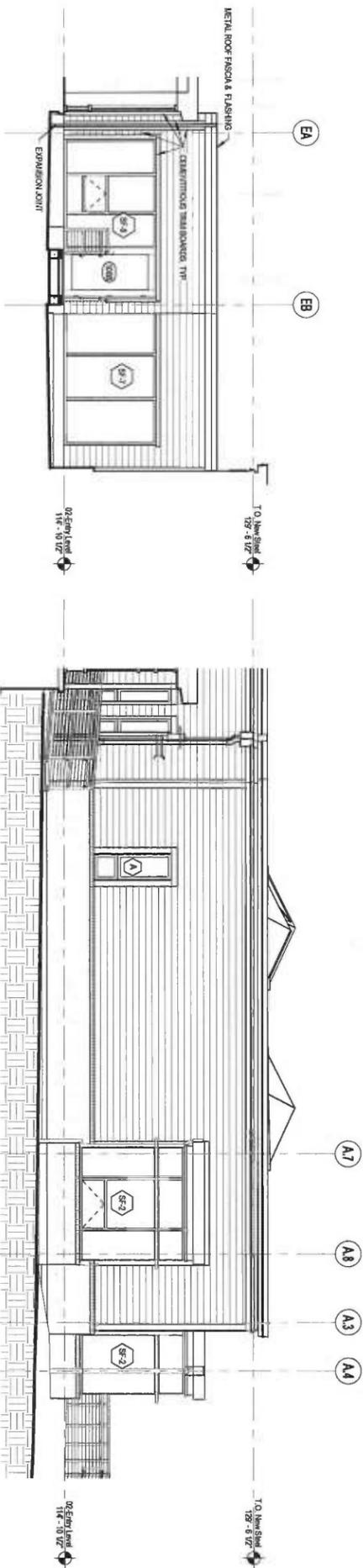
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Roof Plan

Scale: As Indicated
Job No.: V0203.00
Date: 08/19/2016

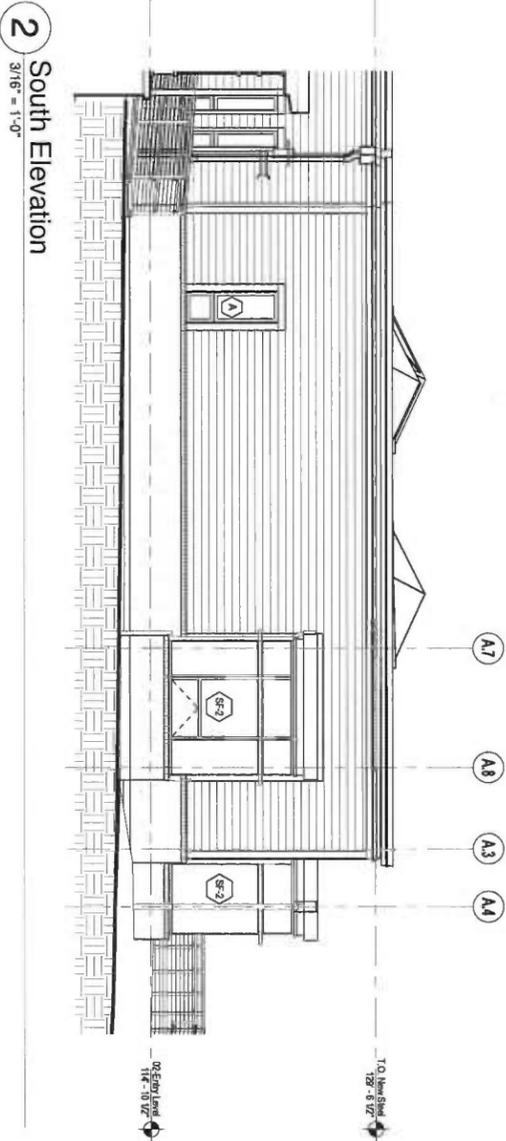
Drawing No.:
A1.2



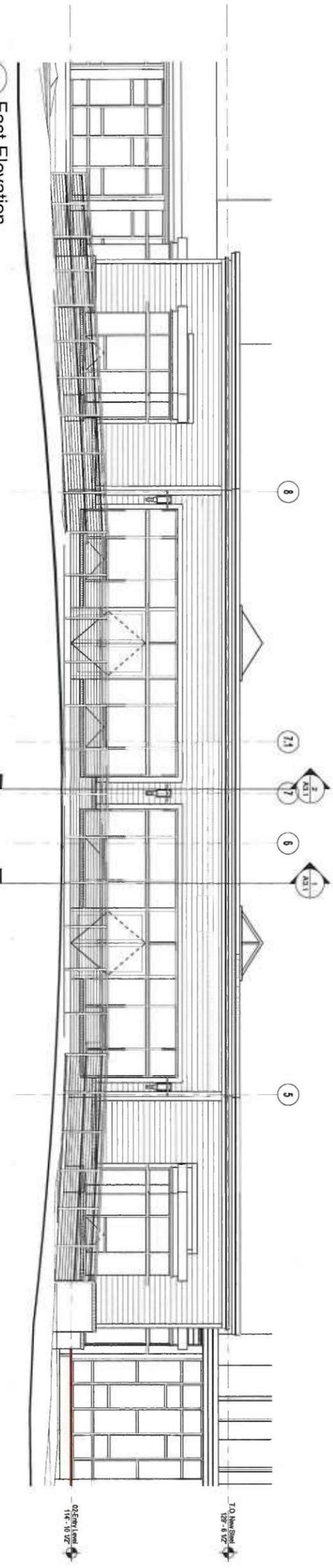
3 West Elevation
3/16" = 1'-0"



4 South Elevation - East Connector
3/16" = 1'-0"



2 South Elevation
3/16" = 1'-0"



1 East Elevation
3/16" = 1'-0"

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Project Team:

Planning Board Signature



Revisions:
Date: 02/22/2016 INITIAL DPH SUBMISSION
Date: 06/01/2016 REVISED DPH SUBMISSION

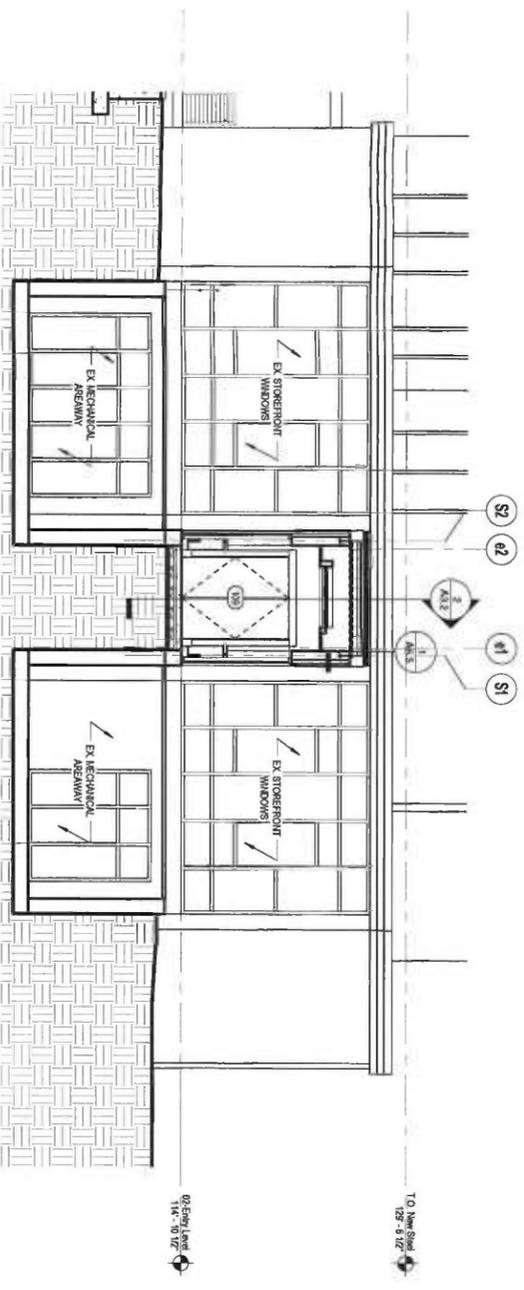
Drawing Title:
Exterior Elevations

Scale: 3/16" = 1'-0"

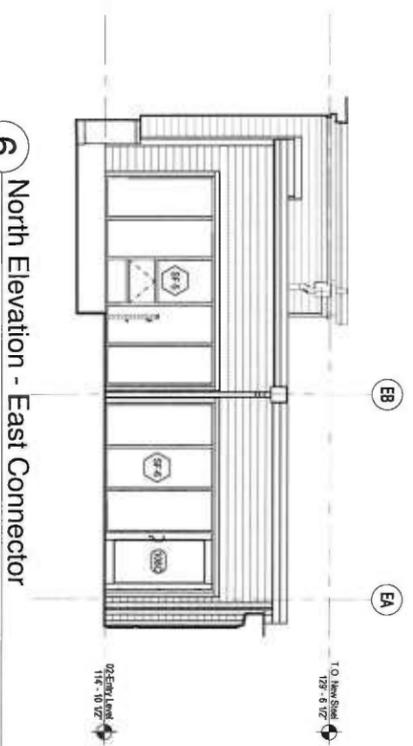
Job No.: V0203.00

Date: 08/19/2016

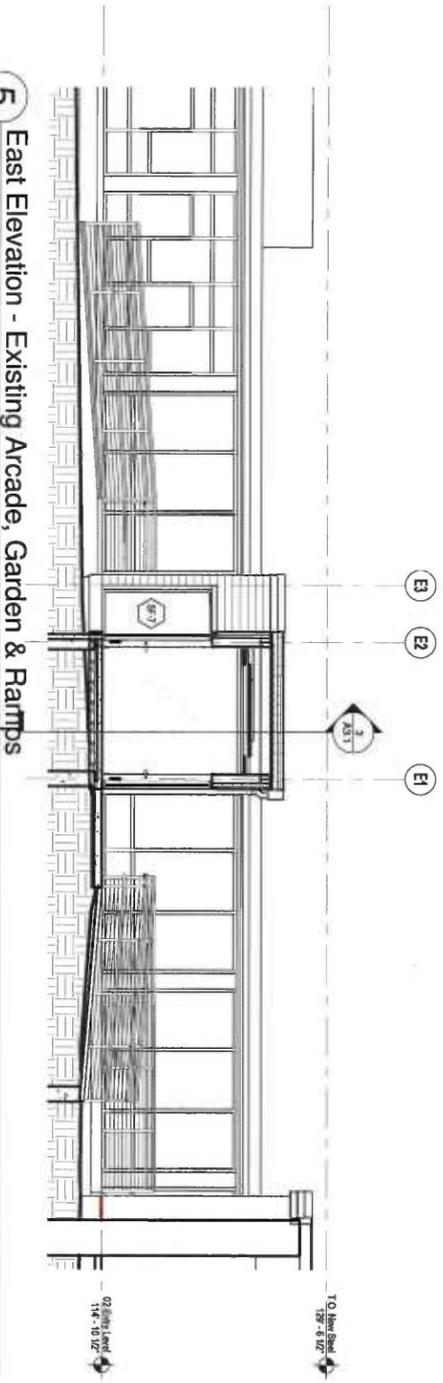
Drawing No.:
A2.1



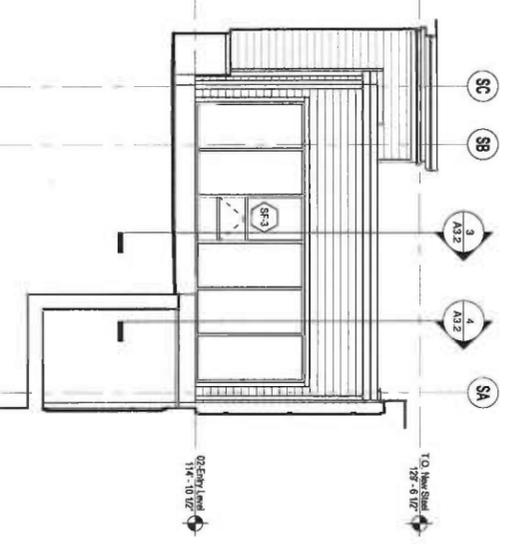
4 South Elevation @ Existing Building
3/16" = 1'-0"



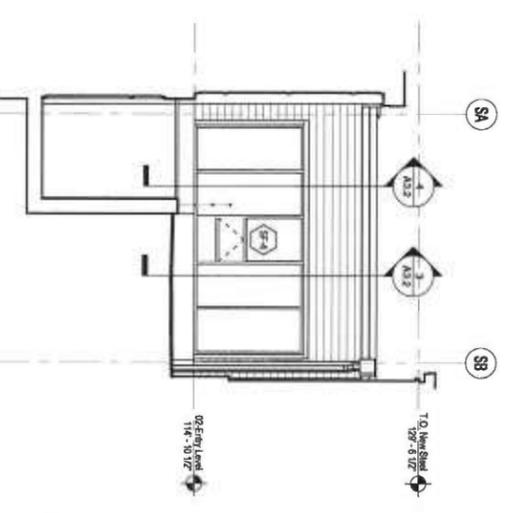
6 North Elevation - East Connector
3/16" = 1'-0"



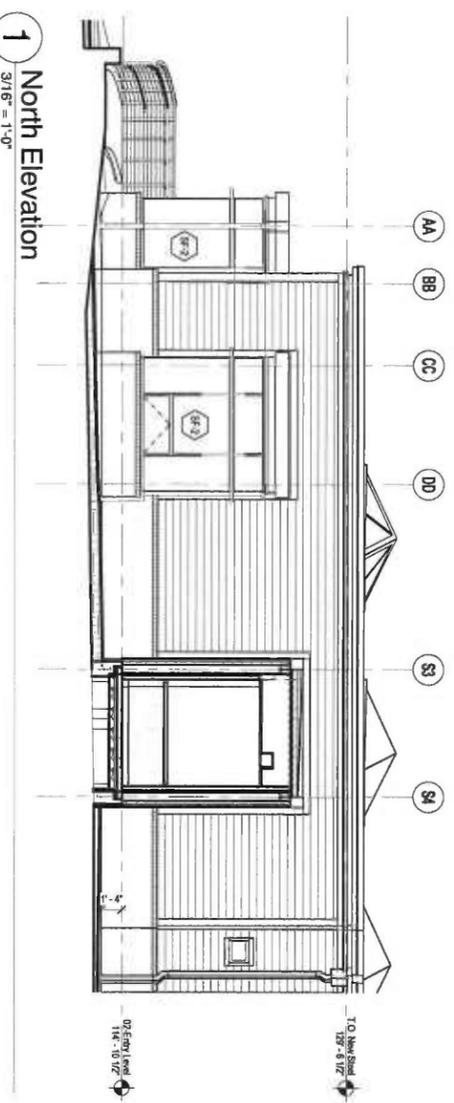
5 East Elevation - Existing Arcade, Garden & Ramps
3/16" = 1'-0"



3 East Elev - S Connector @ Areaway
3/16" = 1'-0"



2 West Elev - S Connector @ Areaway
3/16" = 1'-0"



1 North Elevation
3/16" = 1'-0"

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Date:	Revisions:
02/22/2016	INITIAL DPH SUBMISSION
08/01/2016	REVISED DPH SUBMISSION

Drawing Title:
Exterior Elevations

Scale: 3/16" = 1'-0"
Job No.: V0203.00
Date: 08/19/2016
Drawing No.: **A2.2**