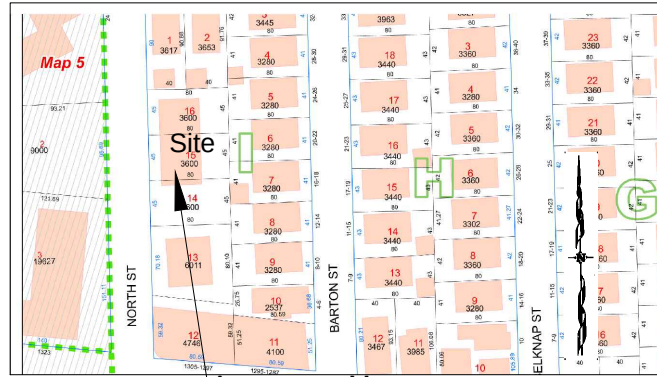




11 North Street Somerville, MA.

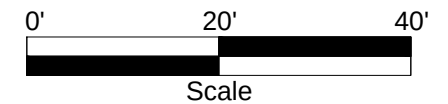
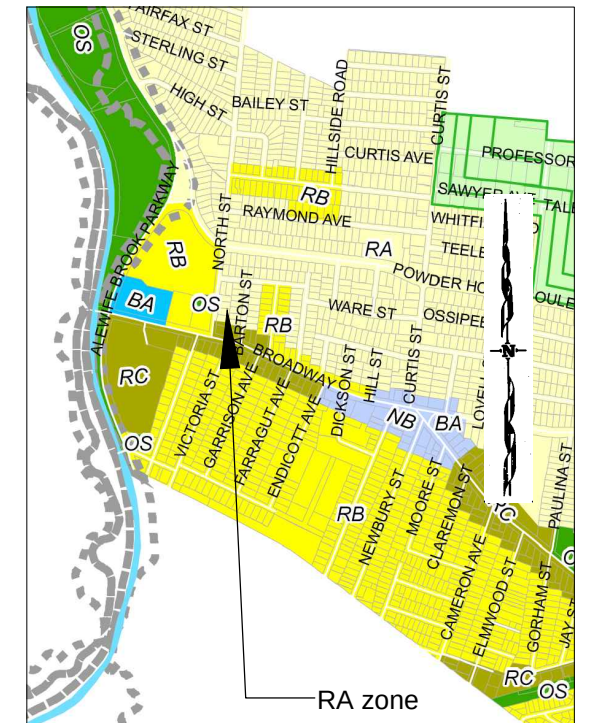
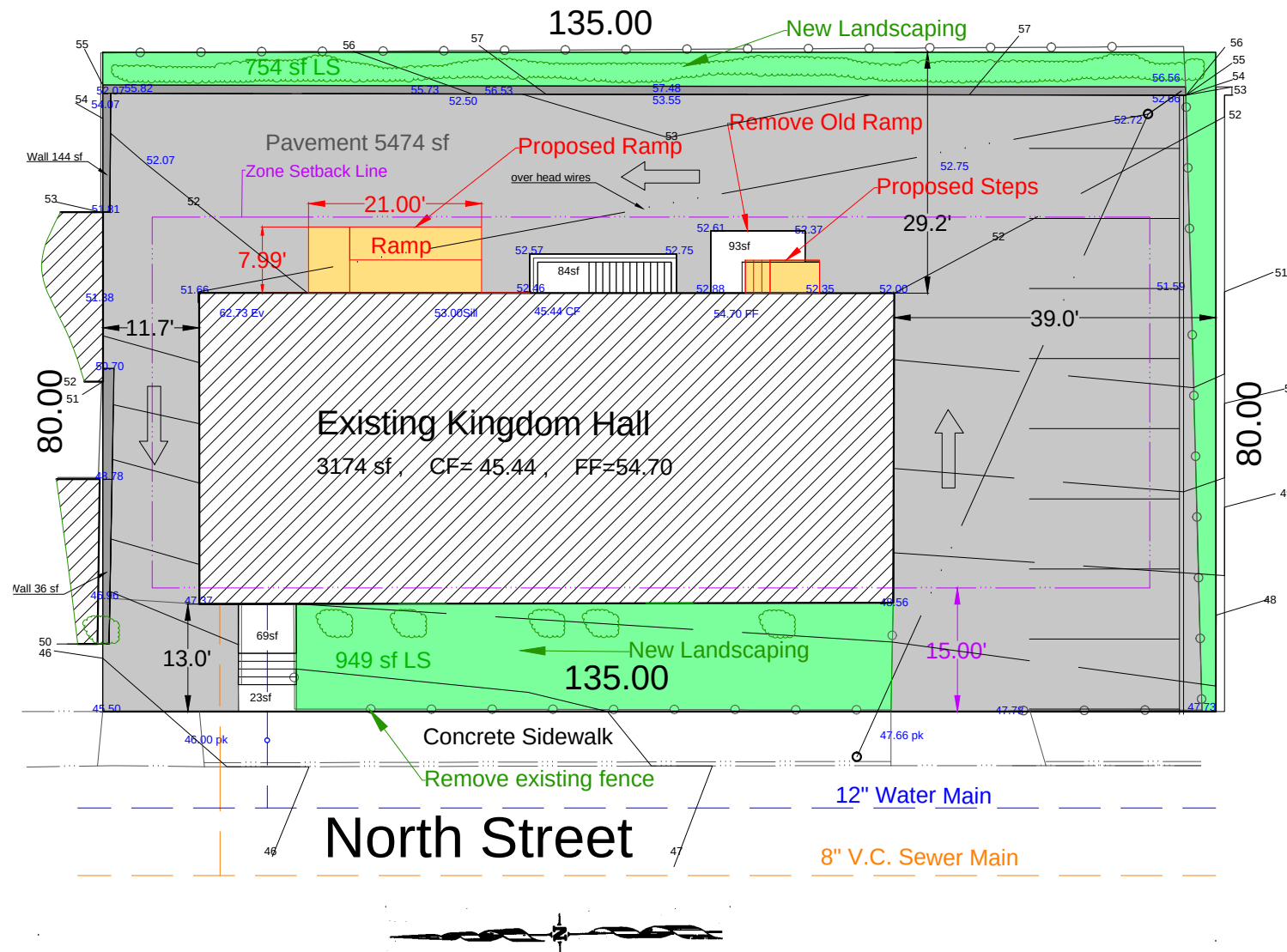
I certify that the structures are located as shown.

Alan C. Nelson P.L.S.

Date: 7 / 05 / 2013

Site Plan

11 North Street
Somerville, MA.



Zoning Table

ZONE RA	Required	Existing	Proposed	
Lot Area	10000	10800	10800	5,473 sf Pavement
Lot/Bld Coverage	40.00%	29.39%	29.39%	3,174 sf Building
Open space	35.00%	70.61%	70.61%	1,703 sf Landscaped
Front setback, ft.	15(10)	13.0	13.0	180 sf Retaining Walls
Side Setback, ft.	6(sum14')	11.7	11.7	269 sf Walks/Steps
Rear Setback, ft.	20ft	29.2	29.2	
Building Height, ft.	35	21.6	24.4	
Landscaping	25.00%	15.77%	15.77%	
Parking Space	No limit required.	9	9	
Average Grade Elevation		49.89	49.89	
Cellar floor		45.44	45.44	
Sill		53	53	
First Floor		54.7	54.7	
Roof Peak		71.5	74.325	

T.B.M. "pk" Sidewalk Elevation= 46.00

Revision Date: July 29, 2013

Date: July 5, 2013

Middlesex South District Registry of Deeds
Deed Book: 12534 Page: 282-284
Plan Book: 114 Plan: 47, 04/28/1899
Lots 83,84,87

Assessors: 8-1-14,15,16

Owner: Somerville Congregation of Jehovah's Witnesses, Inc.
11 North Street
Somerville, Massachusetts



A.C. Nelson Cartography
PO 139

Burlington, Massachusetts 01803-0139





CertainTeed shingles, Landmark, Designer, color- Slate Blende

Slate Blende



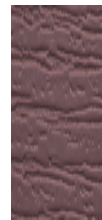
CertainTeed, Monogram 46, double 4" clapboard, color-natural clay



Accent vinyl, Front Entry, lower Front, Cedar Impressions® Double 7" Staggered Perfection Shingles, color- Natural Clay



Shutters, color- Brandywine/burgundy



Door Color-Benjamin Moore™ 2070-20 Plum Royale



Vinyl Trim, color- cream

Windows- color- white



WEST ELEVATION

MA-RBC
Design & Engineering

SOMERVILLE, MASSACHUSETTS
KINGDOM HALL
FRONT ELEVATION

Date: 07/15/13
Scale: 3/16" = 1' 0"
Drawn By: BLM
Checked By:

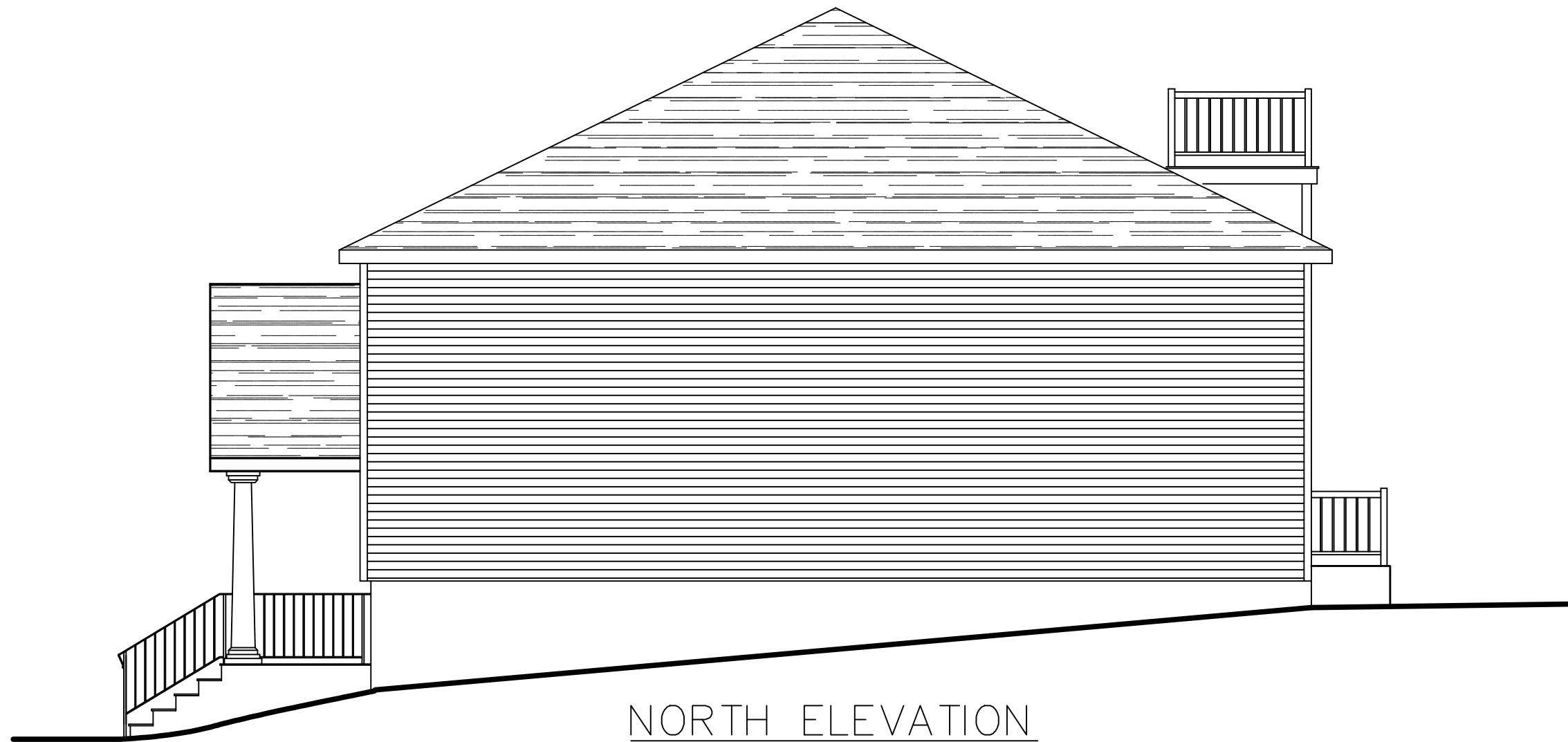


EAST ELEVATION

MA-RBC
Design & Engineering

SOMERVILLE, MASSACHUSETTS
KINGDOM HALL
REAR ELEVATION

Date: 07/15/13
Scale: 3/16" = 1' 0"
Drawn By: BLM
Checked By:

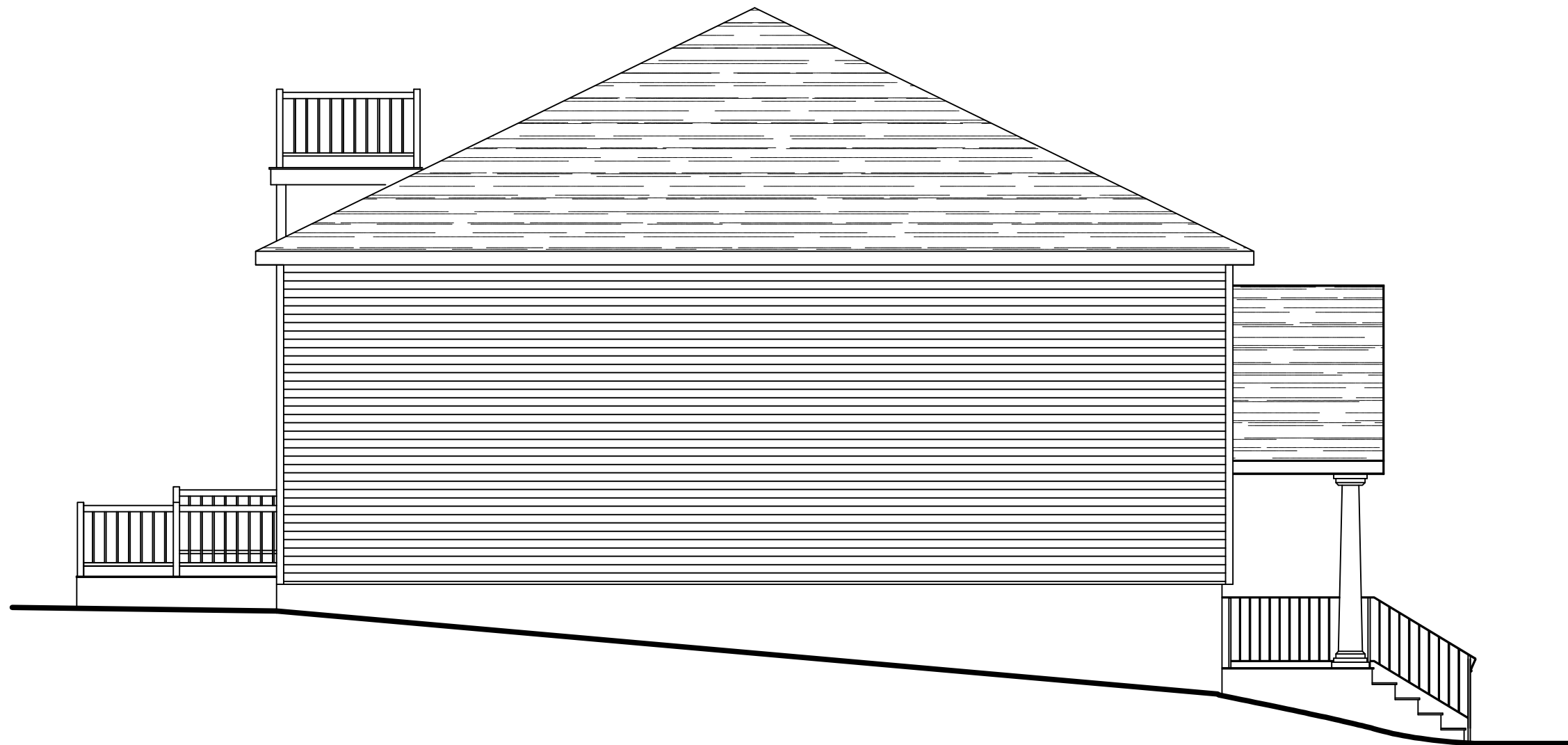


NORTH ELEVATION

MA-RBC
Design & Engineering

SOMERVILLE, MASSACHUSETTS
KINGDOM HALL
RIGHT SIDE ELEVATION

Date: 07/15/13
Scale: 3/16" = 1' 0"
Drawn By: BLM
Checked By:



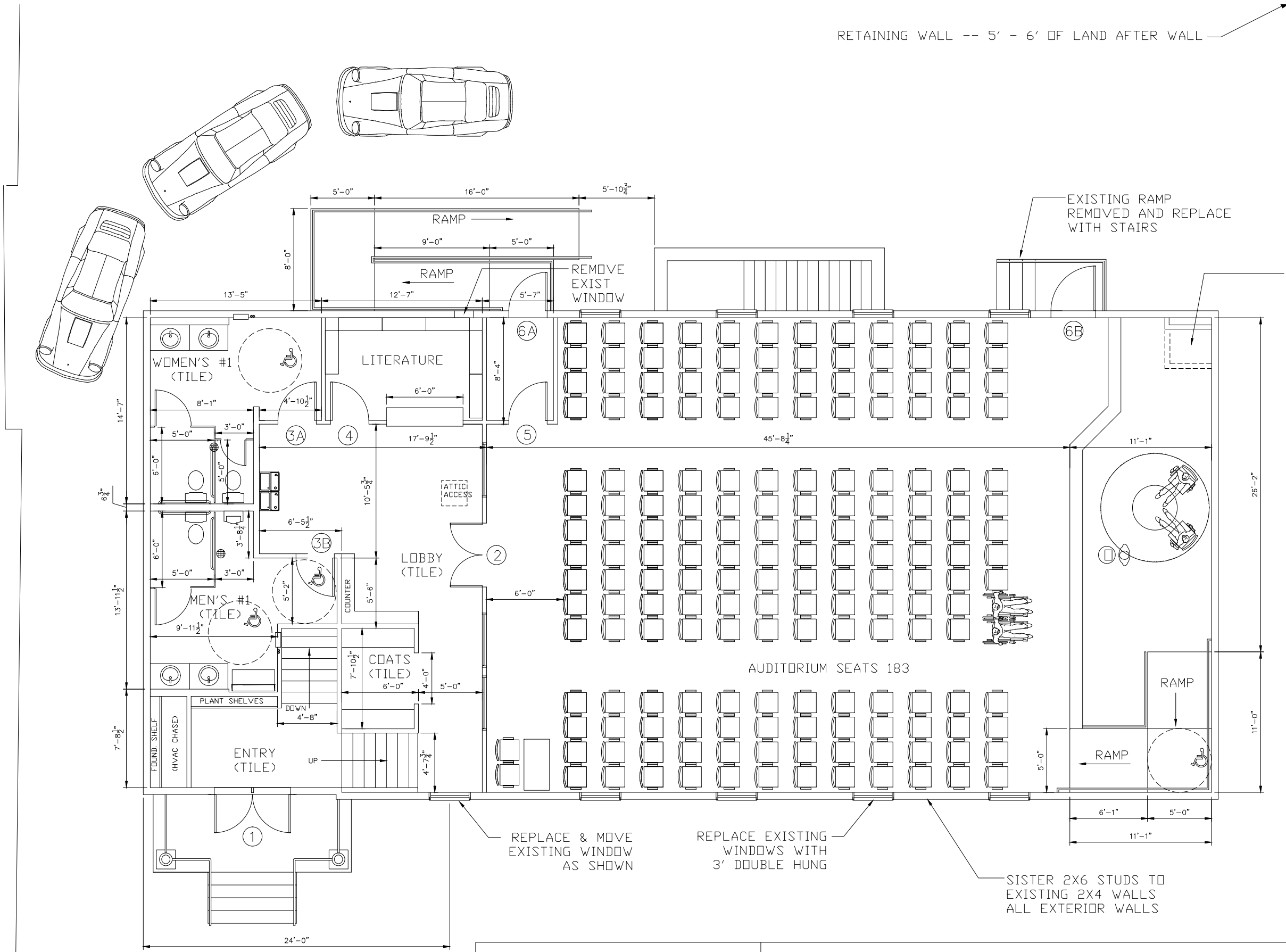
SOUTH ELEVATION

MA-RBC
Design & Engineering

SOMERVILLE, MASSACHUSETTS
KINGDOM HALL
LEFT SIDE ELEVATION

Date: 07/15/13
Scale: 3/16" = 1' 0"
Drawn By: BLM
Checked By:

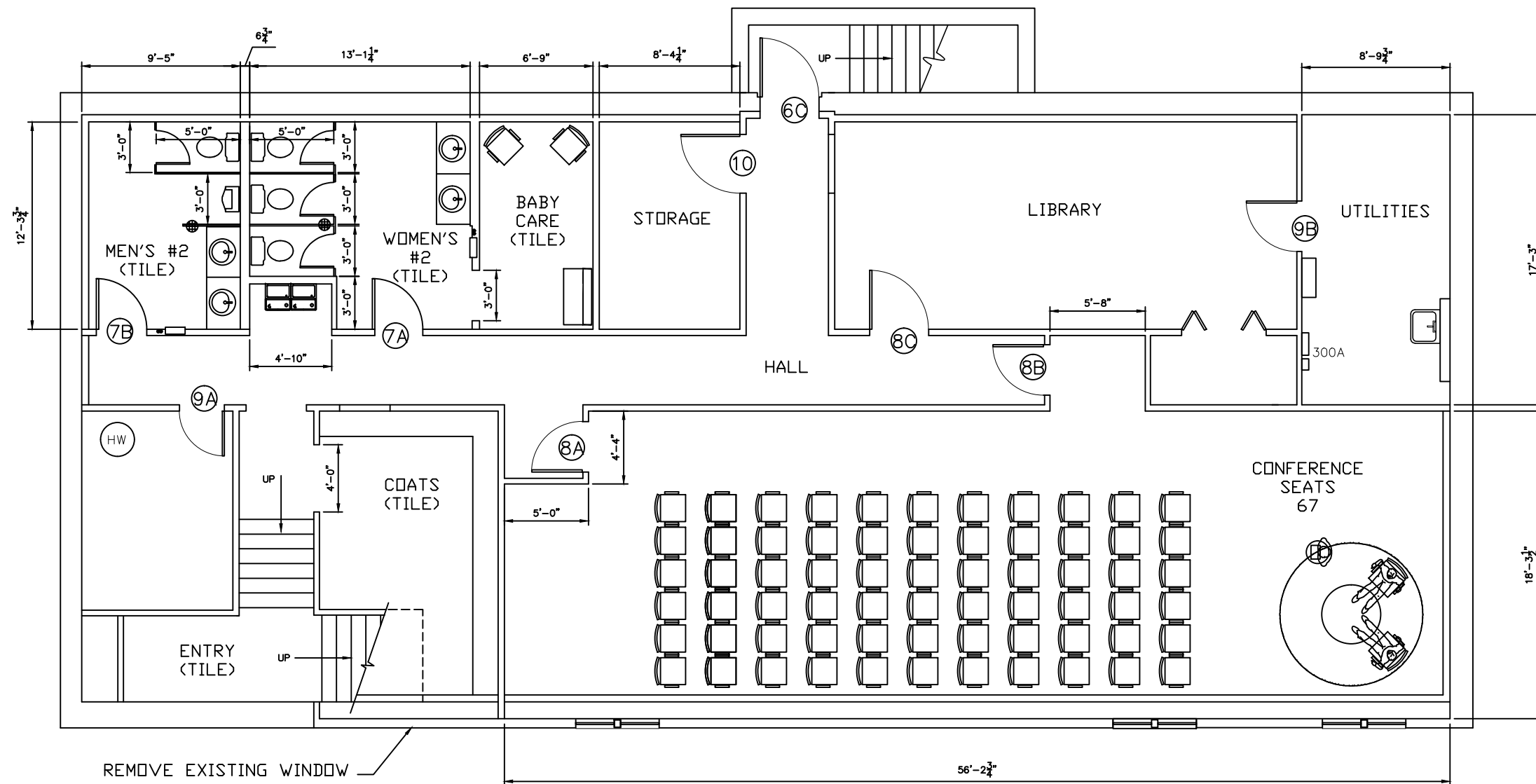
RETAINING WALL -- 5' - 6' OF LAND AFTER WALL



MA-RBC
Design & Engineering

SOMERVILLE, MASSACHUSETTS
KINGDOM HALL
MAIN LEVEL PLAN

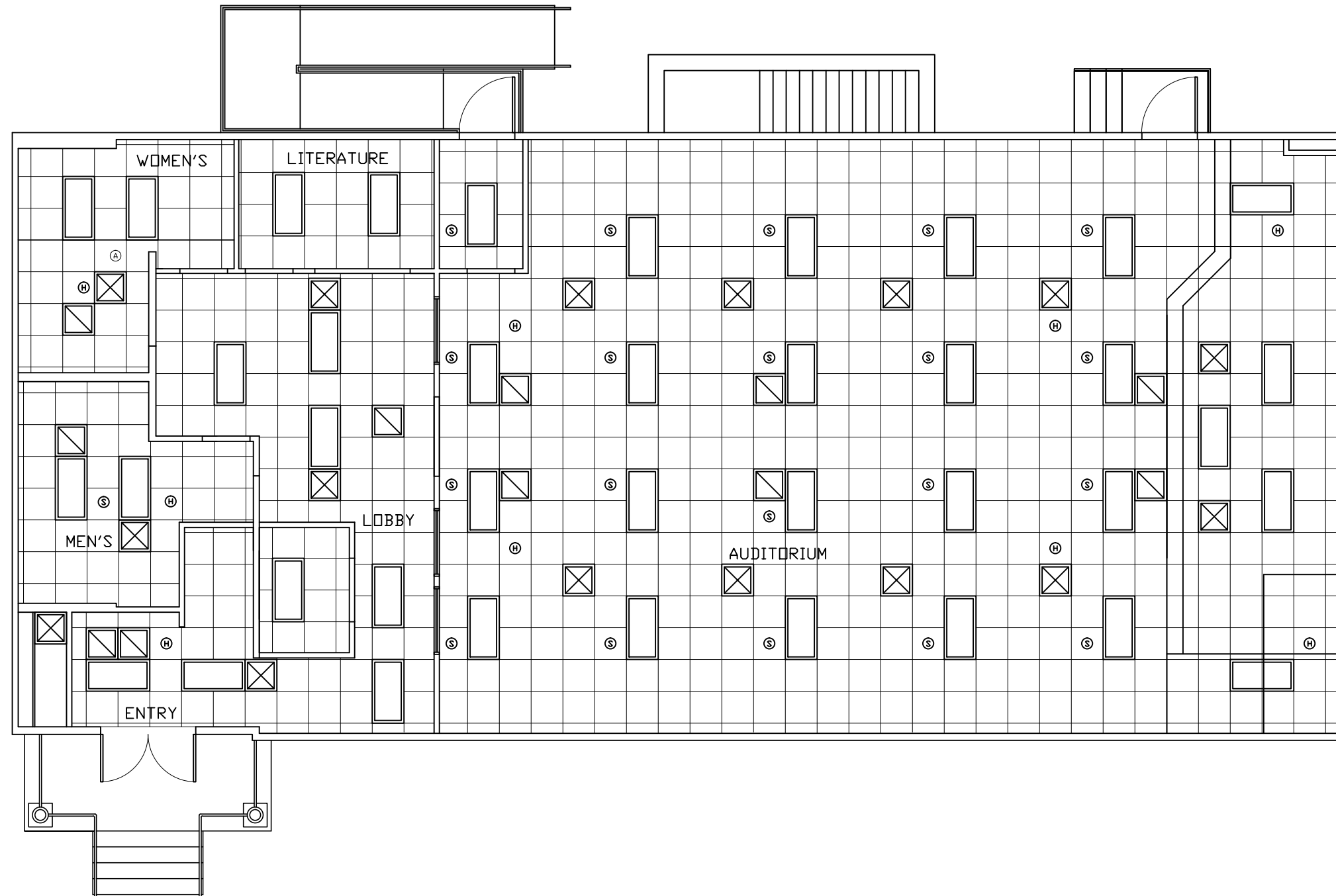
Date: 07/15/13
Scale: 1/8" = 1' 0"
Drawn By: BLM
Checked By:



MA-RBC
Design & Engineering

SOMERVILLE, MASSACHUSETTS
KINGDOM HALL
BASEMENT PLAN

Date: 07/15/13
Scale: 1/8" = 1'
Drawn By: BLM
Checked By:



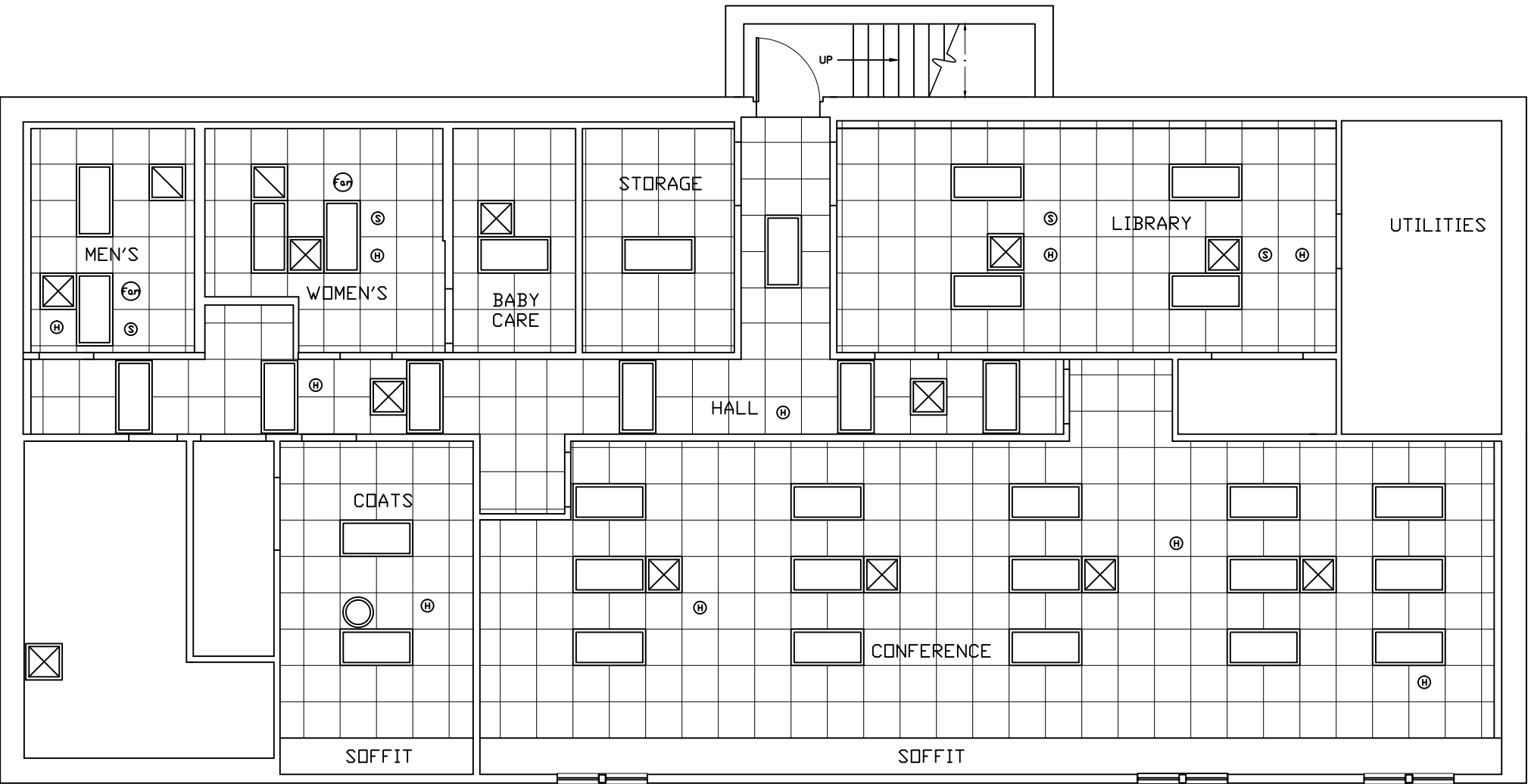
LEGEND

-  CEILING MOUNTED LIGHT (2'x4')
-  CEILING MOUNTED LIGHT (2'x2')
-  WALL MOUNTED LIGHT (WITH SWITCH DESIGNATION)
-  HVAC RETURN AIR REGISTER (2'x2')
-  HVAC SUPPLY AIR DIFFUSER (2'x2')
-  CEILING MOUNTED SPEAKER
-  EXISTING TO REMAIN CEILING MOUNTED SMOKE DETECTOR
-  NEW CEILING MOUNTED SMOKE DETECTOR
-  CEILING MOUNTED OCCUPANCY SENSOR
-  WALL MOUNTED LIGHTING SWITCH DESIGNATION
-  WALL MOUNTED EXIT SIGN

MA-RBC
Design & Engineering

SOMERVILLE, MASSACHUSETTS
KINGDOM HALL
RCP MAIN LEVEL

Date: 07/15/13
Scale: 1/8" = 1' 0"
Drawn By: BLM
Checked By:



MA-RBC Design & Engineering	SOMERVILLE, MASSACHUSETTS KINGDOM HALL RCP BASEMENT LEVEL	Date: 07/15/13 Scale: 1/8" = 1' 0" Drawn By: BLM Checked By:
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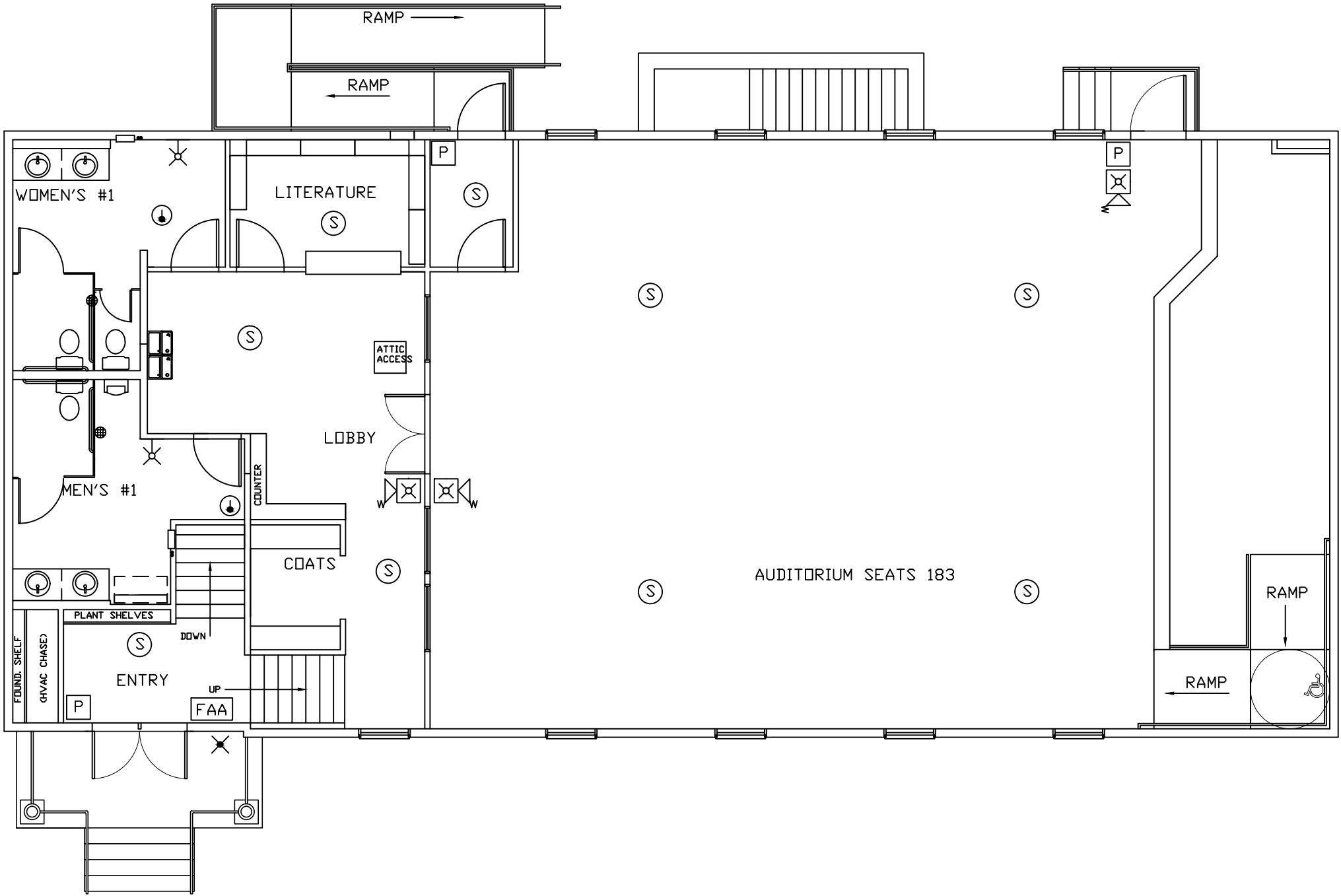
- FACP

FIRE ALARM CONTROL PANEL
- FAA

FIRE ALARM ANNUNCIATOR
- P

PULL STATION
- S

SMOKE DETECTOR
- HORN/STROBE
- HEAT DETECTOR
- STROBE ONLY
- OUTSIDE BEACON
- ATTIC TO HAVE 4 HEAT DETECTORS EQUALLY SPACED
- HVAC UNITS OVER 2000 CFM TO HAVE IN DUCT SMOKE DETECTOR WHICH TIE INTO THE HVAC AND SHUT DOWN UNIT UPON ACTIVATION



MA-RBC Design & Engineering	SOMERVILLE, MASSACHUSETTS KINGDOM HALL FIRE ALARM MAIN LEVEL	Date: 07/15/13 Scale: 1/8" = 1' 0" Drawn By: BLM Checked By:
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- FACP

FIRE ALARM CONTROL PANEL
- FAA

FIRE ALARM ANNUNCIATOR
- P

PULL STATION
- S

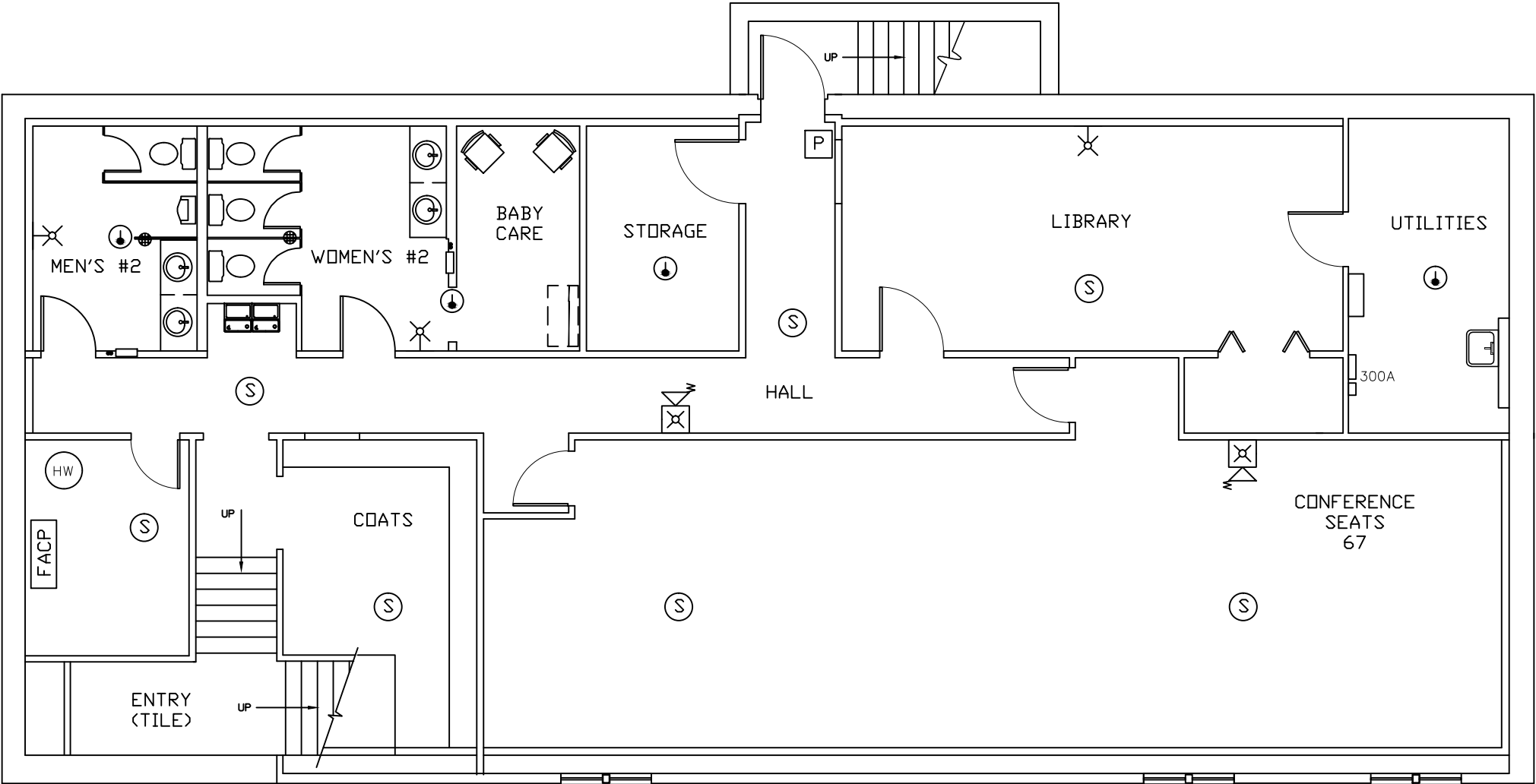
SMOKE DETECTOR
- X

W

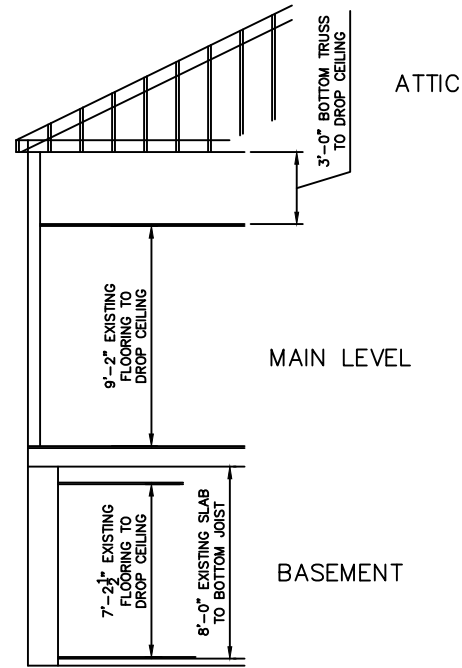
HORN/STROBE
- HEAT DETECTOR
- X

STROBE ONLY
- X

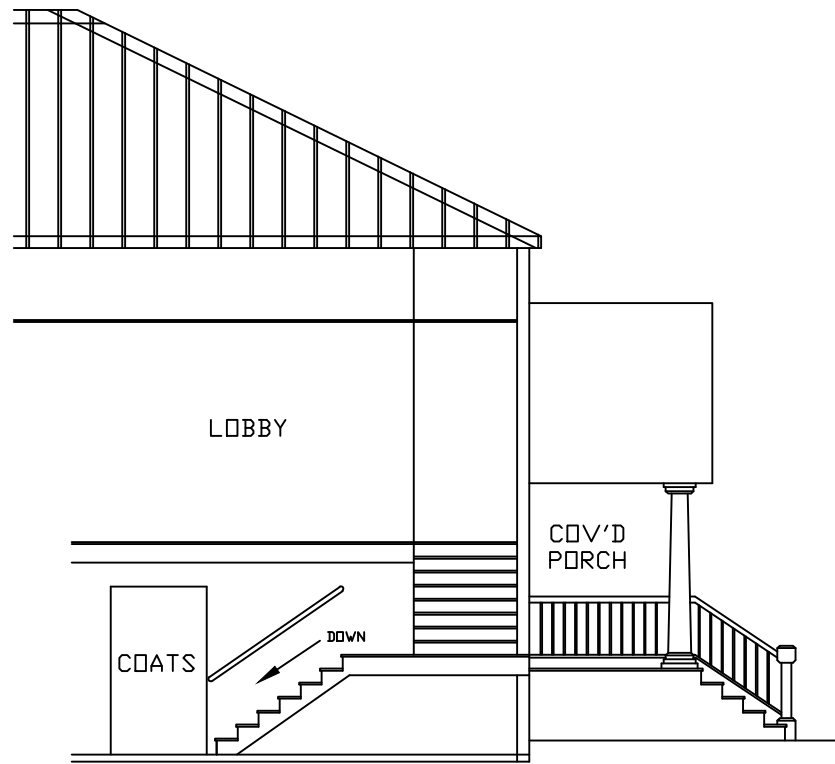
OUTSIDE BEACON
- ATTIC TO HAVE 4 HEAT DETECTORS EQUALLY SPACED
- HVAC UNITS OVER 2000 CFM TO HAVE IN DUCT SMOKE DETECTOR WHICH TIE INTO THE HVAC AND SHUT DOWN UNIT UPON ACTIVATION



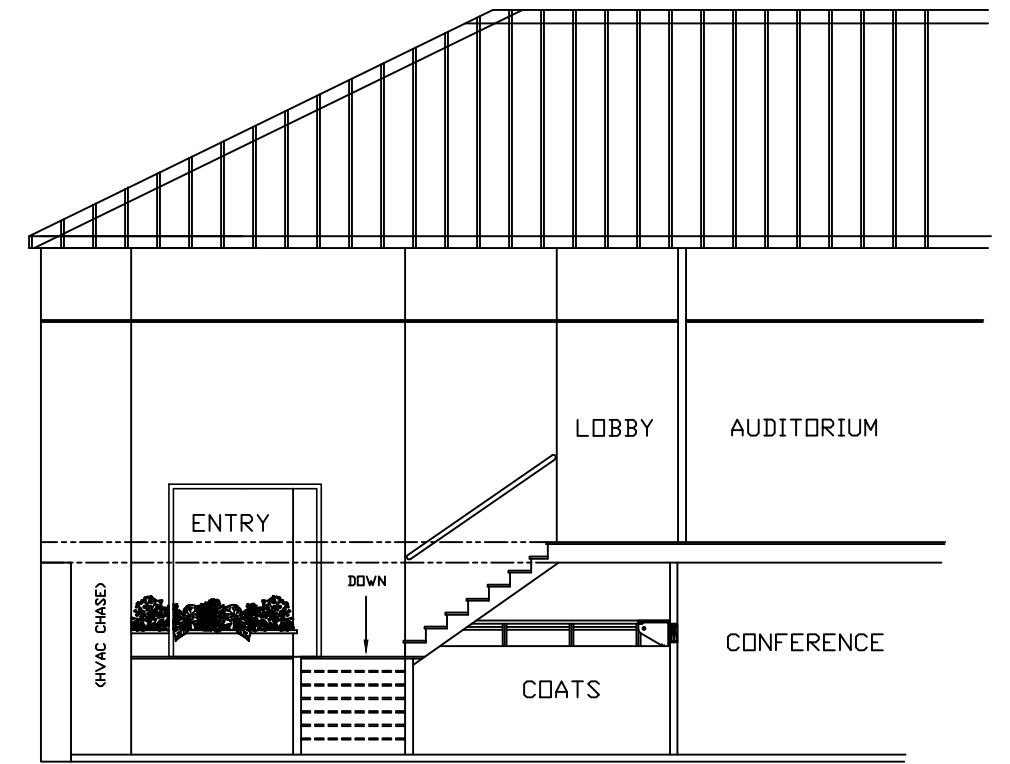
MA-RBC Design & Engineering	SOMERVILLE, MASSACHUSETTS KINGDOM HALL FIRE ALARM BASEMENT LEVEL	Date: 07/15/13 Scale: 1/8" = 1' 0" Drawn By: BLM Checked By:
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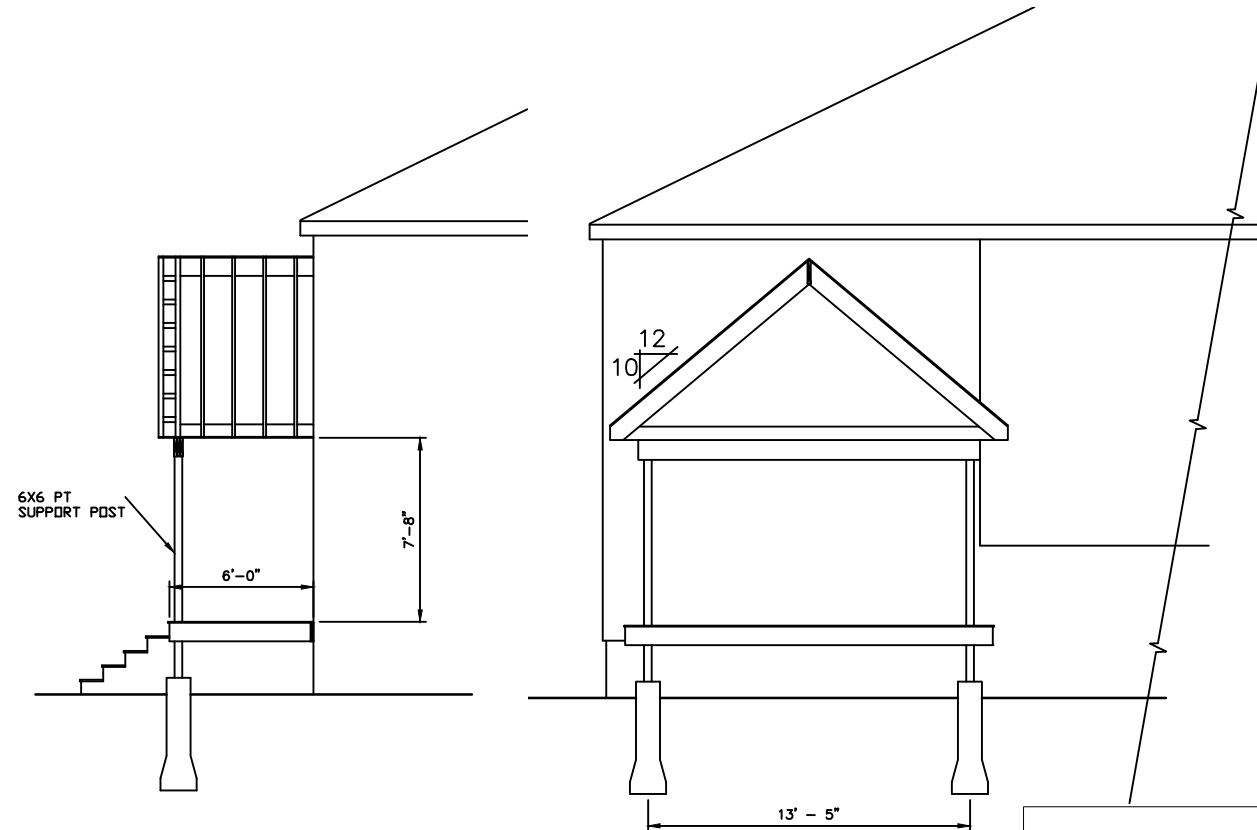
CEILING HGHTS



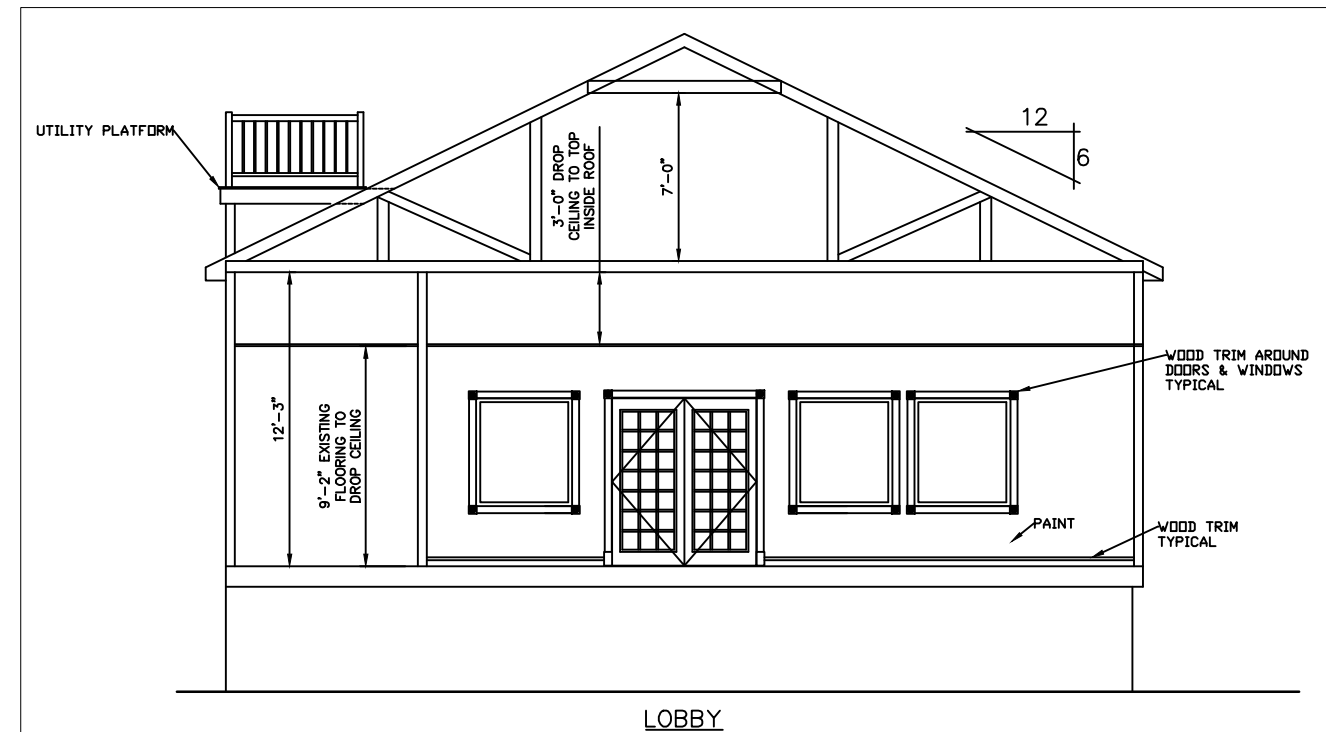
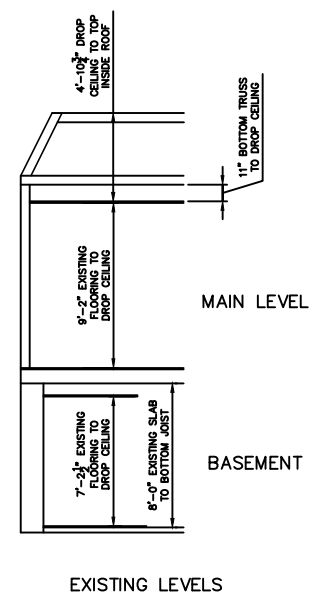
ENTRY LEFT SIDE ELEVATION



ENTRY FRONT ELEVATION



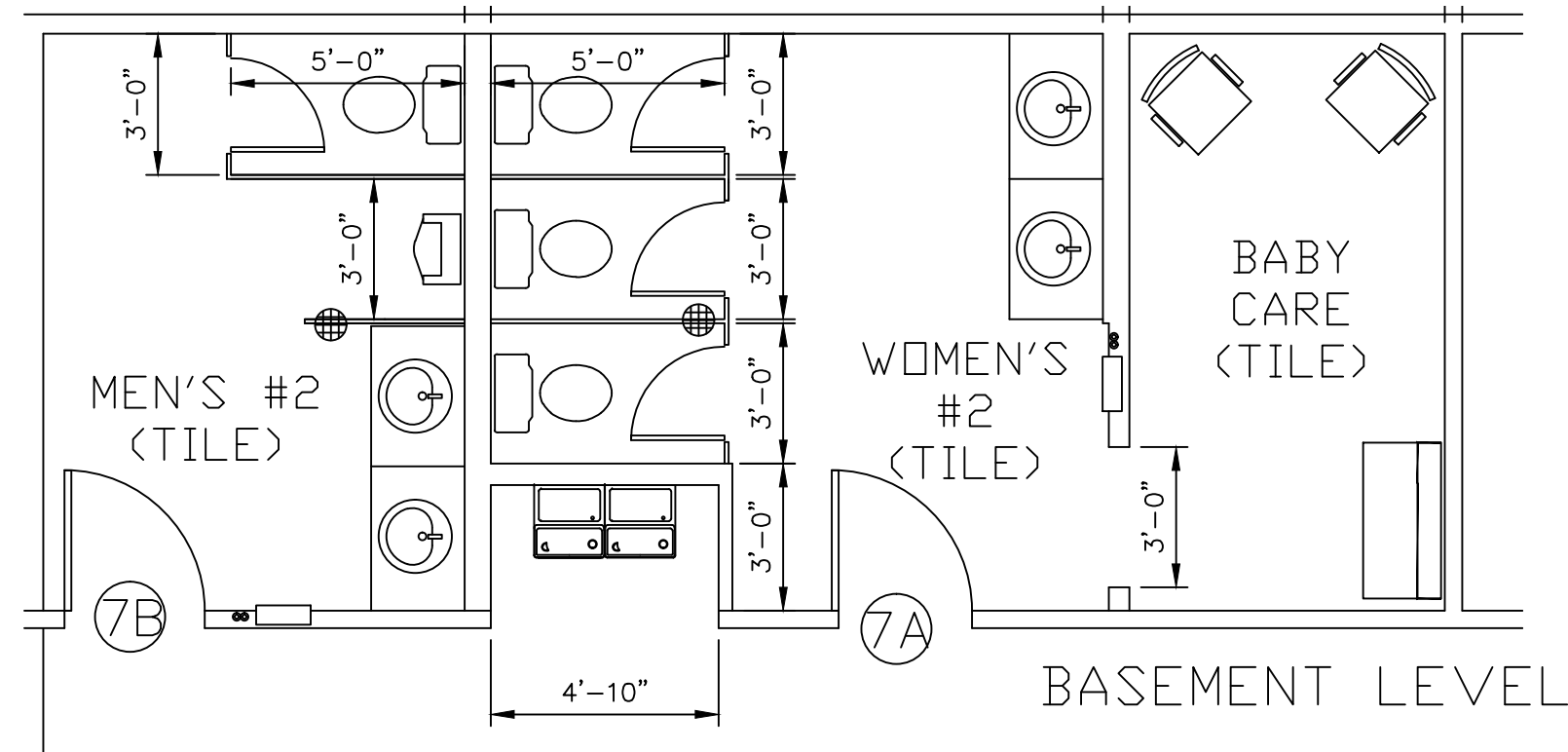
PORCH DETAILS



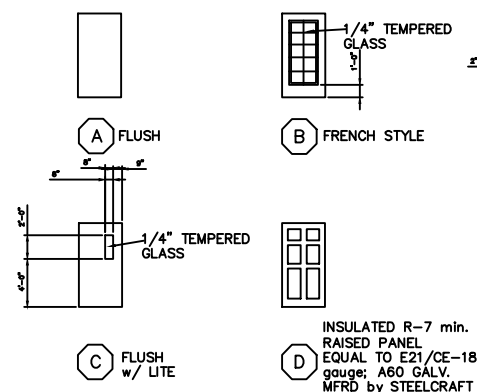
SOMERVILLE, MASSACHUSETTS
KINGDOM HALL
DETAILS

Date: 07/15/13
Scale:
Drawn By: BLM
Checked By:

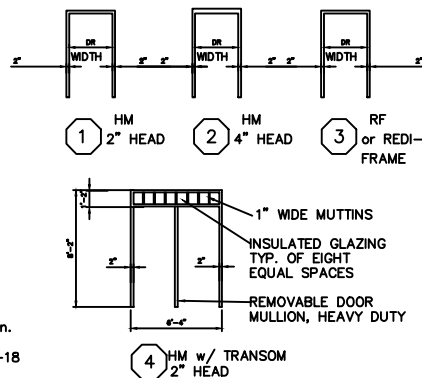
MA-RBC
Design & Engineering



DOOR ELEVATION



FRAME ELEVATION



HARDWARE PIECE LIST

HINGES (FULL MORTISE)
 B1 4 1/2 x 4 1/2
 B2 4 1/2 x 4 1/2 FBB
 B3 4 1/2 x 4 1/2 FBB x EXTERIOR GRADE x NRP
 B4 4 1/2 x 4 1/2 ADJUSTABLE SPRING HINGE

CLOSERS (SURFACE MOUNTED, FULLY ADJUSTABLE)
 C1 NON-HANDED
 C2 NON-HANDED w/ 90° HOLD OPEN
 C3 EXTERIOR w/ 90° HO & WIND CHECK

LOCKSETS
 L1 PASSAGE LATCH SET
 L2 OFFICE LOCK
 L3 CLASSROOM LOCK
 L4 ENTRANCE LOCK
 L5 PRIVACY
 L6 CYLINDER

PANICS (SURFACE MOUNT x DOOR WIDTH)
 P1 NOT USED
 P2 SURFACE RIM, NO EXTERIOR HARDWARE
 P3 SURFACE RIM w/ EXTERIOR PULL

MISCELLANEOUS
 M1 4" x 16" PUSH PLATE
 M2 1" PULL HANDLE ON 4x16 PLATE
 M3 8" x 2" LWOD CLEAR ACRYLIC KICK PLATE
 M4 DOOR STOP WALL MOUNT
 M5 DOOR STOP FLOOR MOUNT
 M6 SILENCERS
 M7 RETRACTABLE DOOR HOLDER
 M8 PUSH/PULL BAR EQUAL TO #11247
 as MFRD BY ROCKWOOD

WEATHER STRIPPING
 W1 METAL TRIM w/ NEOPRENE BULB INSERT
 W2 DOOR BOTTOM SWEEP
 W2A DOOR BOTTOM SWEEP w/ RAIN SHIELD
 W3 RAIN SHIELD @ DOOR HEAD
 W4 AUTOMATIC DOOR BOTTOM

THRESHOLDS
 T1 5" ALUM. HALF SADDLE

GENERAL NOTES:

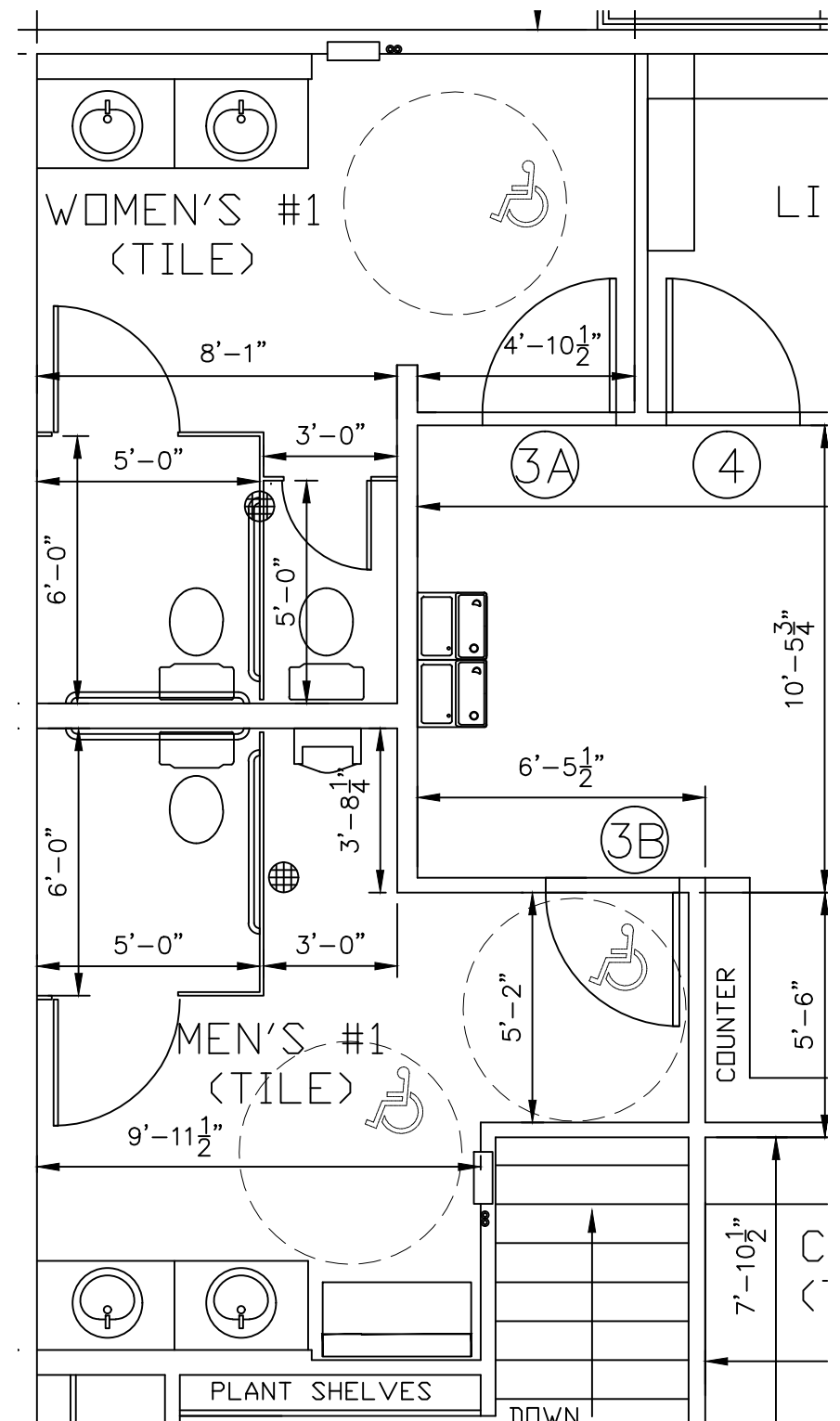
- ALL WOOD DOOR ARE SOLID CORE WOOD DOORS.
- HARDWARE FINISH IS US26D TYPICAL.
- HARDWARE FINISH INSIDE TOILET ROOM IS US26
- ALL EXTERIOR METAL FRAMES ARE A60 GALV. CUSTOM (WELDED) HOLLOW METAL FRAME.
- PROVIDE LEVER HANDLE @ ALL LATCH /or LOCK SETS & @ EXTERIOR OF RIM PANICS.
- PROVIDE 2X6 WOOD BLKG IN WALL STUDS @ ALL WALL MOUNTED DOOR STOPS TYPICAL.

ABBREVIATIONS

ALUM ALUMINUM
 EXT. EXTERIOR
 FBB BALL BEARING
 GALV GALVANIZED A60
 HO HOLD OPEN
 HM HOLLOW METAL
 IMC INSULATED METAL CLAD
 KD KNOCK DOWN
 LWOD LESS WIDTH OF DOOR
 NRP NON REMOVABLE PIN
 RD REDI-FRAME
 SCWD SOLID CORE WOOD
 TEMP TEMPERED

DOOR & FRAME SCHEDULE

DOOR						FRAME				REMARKS
NO.	LOCATION	SIZE	TYPE	MATERIAL	HARDWARE	FINISH	TYPE	MATERIAL	THROAT WIDTH	
①	MAIN ENTRY	PR 3'x7'x1 3/4"	D	IMC	6/B3; 2/C3; P2; P3; L6; 2/M5; W1; W2; T1	PAINT	4	GALV	8 3/4"	RHR ACTIVE;
②	TO AUDITORIUM	PR 3'x7'x1 3/4"	B	SCWD	4/B2; 2/B4; 2/M3; 2/M5; 2/M6; 2/M7; 2/M8	STAIN	3	RF	4 3/4"	FOR TYPICAL INTERIOR DOOR
③A	WOMEN	3'x7'x1 3/4"	A	SCWD	3/B2; C2; M1; M2	STAIN	3	RF	4 3/4"	
③B	MEN	3'x7'x1 3/4"	A	SCWD	M3; M4; 3/M6	STAIN	3	RF	4 3/4"	
④	TO LITERATURE	3'x7'x1 3/4"	A	SCWD	3/B2; L5; M3; M4; 3/M6	STAIN	3	RF	4 3/4"	
⑤	REAR ENTRY HALL	3'x7'x1 3/4"	A	SCWD	3/B2; L5; M3; M4; 3/M6	STAIN	3	RF	4 3/4"	
⑥A	AUDITORIUM EXIT	3'x7'x1 3/4"	D	IMC	3/B3; C3; L6; P3	PAINT	2	GALV	9 1/2"	
⑥B	AUDITORIUM EXIT	3'x7'x1 3/4"	D	IMC	3/B3; C3; L6; P3	PAINT	2	GALV	9 1/2"	
⑥C	BASEMENT EXIT	3'x7'x1 3/4"	D	IMC	3/B3; C3; L6; P3	PAINT	2	GALV	9 1/2"	
⑦A	WOMEN	3'x7'x1 3/4"	A	SCWD	3/B2; C2; M1; M2	STAIN	3	RF	4 3/4"	
⑦B	MEN	3'x7'x1 3/4"	A	SCWD	M3; M4; 3/M6	STAIN	3	RF	4 3/4"	
⑧A	OFFICE	3'x7'x1 3/4"	A	SCWD	3/B2; L4; M4; 3/M6	STAIN	3	RF	4 3/4"	
⑧B	OFFICE	3'x7'x1 3/4"	A	SCWD	3/B2; L4; M4; 3/M6	STAIN	3	RF	4 3/4"	
⑧C	OFFICE	3'x7'x1 3/4"	A	SCWD	3/B2; L4; M4; 3/M6	STAIN	3	RF	4 3/4"	
⑨A	MECHANICAL	3'x7'x1 3/4"	A	SCWD	3/B2; C1; L2; M3; M5; 3/M6	STAIN	3	RF	4 3/4"	60 minute UL FIRE RATED DOOR & FRAME
⑨B	MECHANICAL	3'x7'x1 3/4"	A	SCWD	3/B2; C1; L2; M3; M5; 3/M6	STAIN	3	RF	4 3/4"	

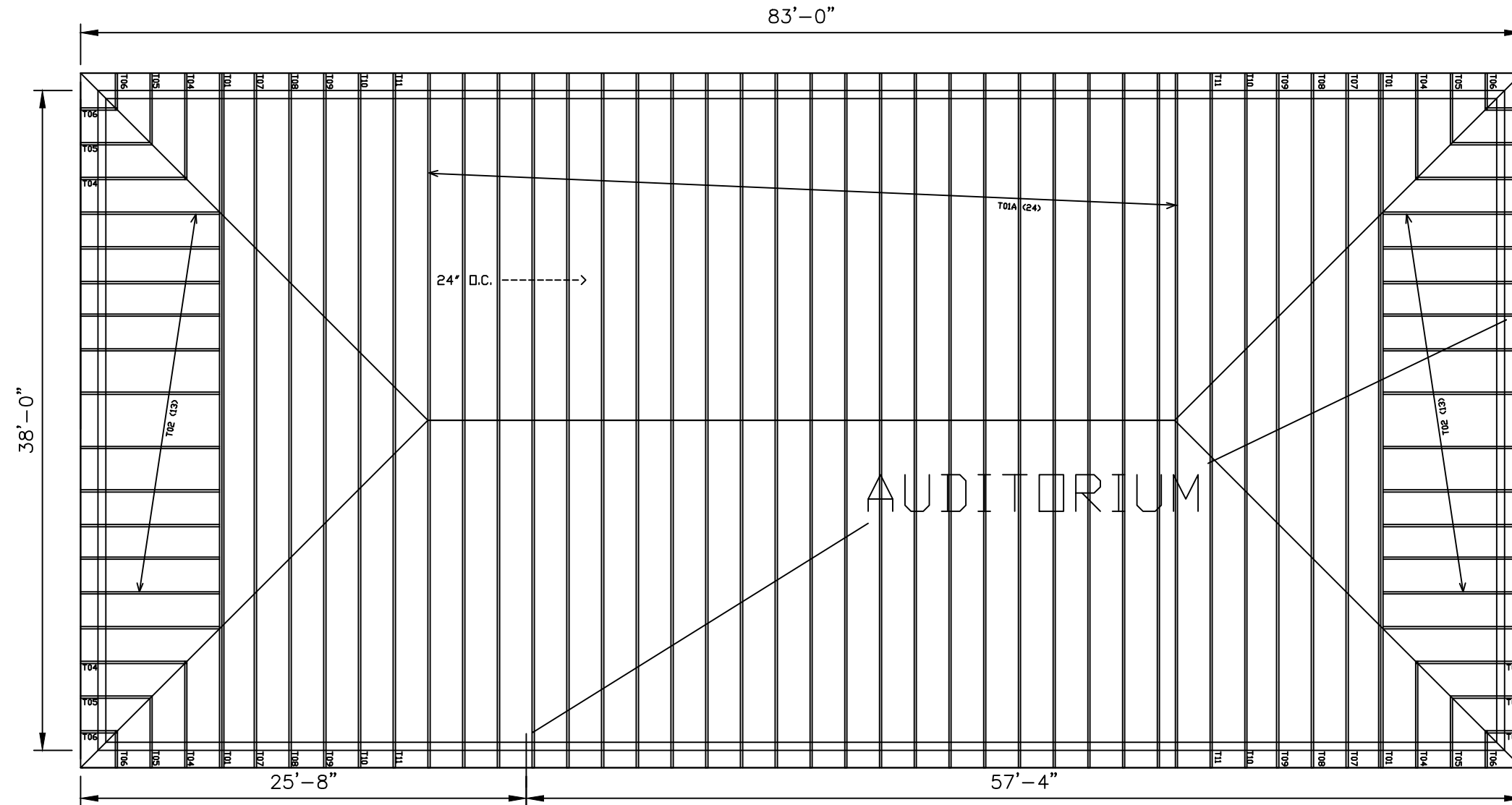


MAIN LEVEL

MA-RBC
 Design & Engineering

SOMERVILLE, MASSACHUSETTS
 KINGDOM HALL
 DETAILS

Date: 07/15/13
 Scale:
 Drawn By: BLM
 Checked By:



MA-RBC
Design & Engineering

SOMERVILLE, MASSACHUSETTS
KINGDOM HALL
ROOF TRUSSES

Date: 07/15/13
Scale:
Drawn By: BLM
Checked By: