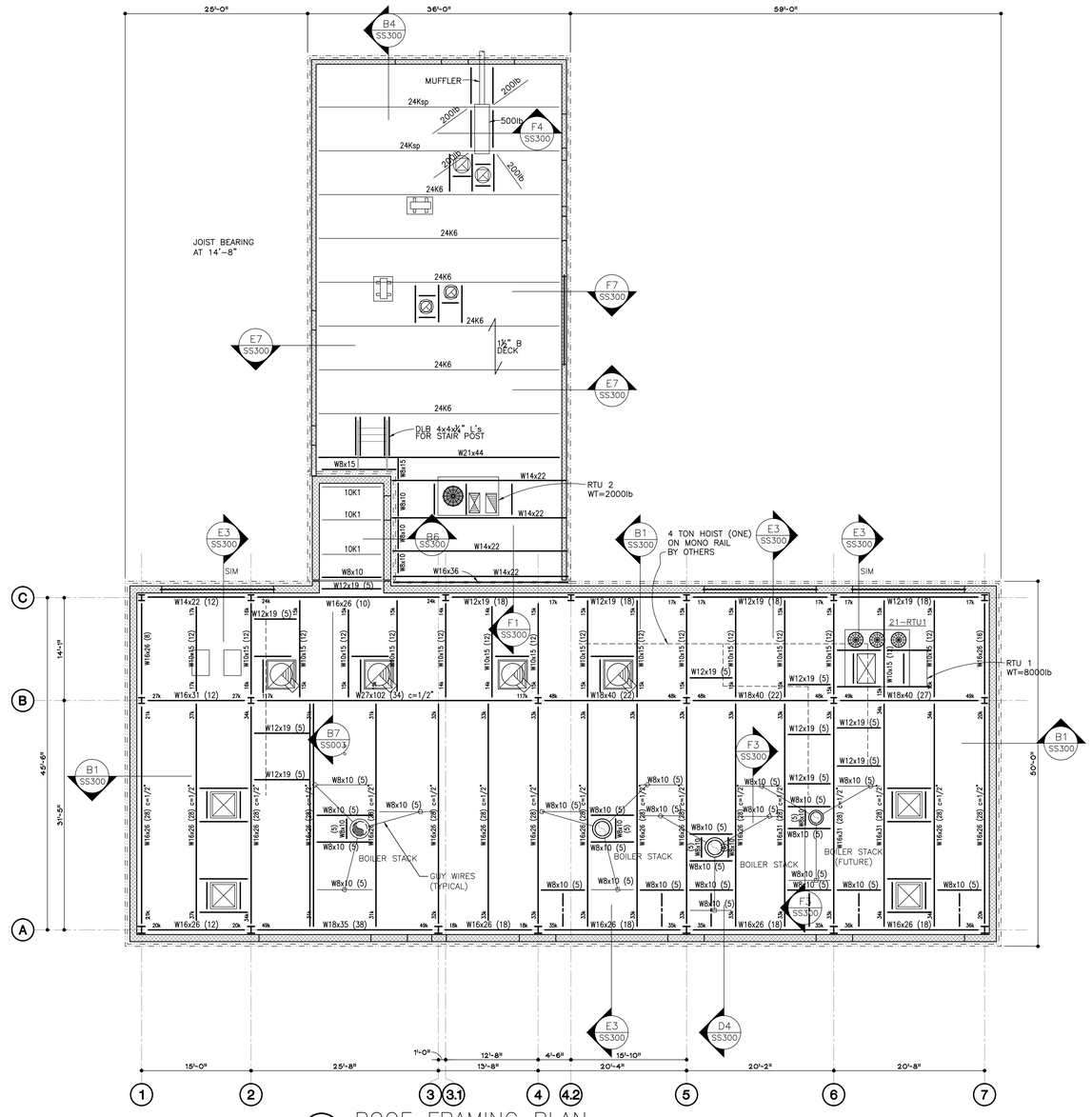

E4 ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. TOP OF STEEL FOR THE ROOF FRAMING IS AT +27'-6". TOP OF ROOF SLAB IS 5 INCHES ABOVE THE STEEL.
2. USE 3 INCHES OF SEMI LT. WT. CONC. (115 PCF) ON 3" DEEP 22 GA. G60 GALVANIZED COMPOSITE METAL FLOOR DECK. VULCRAFT 2 VLI OR EQUAL REINFD. W/ #3@12" E.W. @ 1" FROM T/SL. SEE TYP. DTLS. FOR ADDNL. REINFG. ON COLUMN LINES.
3. USE 1 1/2 INCH TYPE B, 20 GAGE METAL ROOF DECK ON THE ADMINISTRATION BUILDING. ROOF IS DESIGNED FOR 30 psf
4. BOILER BUILDING ROOF IS DESIGNED FOR 150psf UNIFORM LOAD AND THE CONCENTRATED LOADING SHOWN ON PLAN.
5. BEAMS ARE EQUALLY SPACED ALONG SUPPORTING MEMBERS UNLESS INDICATED OTHERWISE ON PLAN OR IN DETAILS.
6. DESIGNATIONS ON PLAN FOR BEAM REACTIONS, CAMBERS, AND QUANTITY OF COMPOSITE BEAM SHEAR STUDS ARE AS INDICATED BELOW. SEE "TYPICAL DETAILS" ON SHT. STUD PLACEMENT DETAILS.

STUDS EQ. SPA. BTWN. CONNECTIONS	(XX)
CAMBERS AT MID-SPAN U.O.N.	C=X"
REACTIONS EQUAL EACH END (KIPS)	XX K

USE STUDS 12 INCHES ON CENTER ON ANY BEAM NOT MARKED.

7. INSTALLING CONTRACTOR SHALL FURNISH TRAPEZE SUPPORT FOR PIPING AND EQUIPMENT. SEE SHEET FOR DETAILS.
8. SEE SHT. FOR "GENERAL NOTES" AND SHT. FOR "TYPICAL DETAILS". TYP. DTLS. ARE NOT GENERALLY CUT ON PLANS BUT RATHER ARE INTENDED TO DEFINE TYP. CONSTRUCTION CONDITIONS. WHERE TYP. DTLS. ARE CUT ON PLAN, THE INTENT IS TO ILLUSTRATE THE TYPE OF CONDITION AT WHICH THAT DETAIL IS INTENDED TO APPLY RATHER THAN EVERY OCCURRENCE OF THAT DETAIL.
9. MECHANICAL EQUIPMENT UNIT LOCATIONS INDICATED ON PLAN ARE APPROXIMATE UNLESS EXPLICITLY DETAILED OR DIMENSIONED OTHERWISE. WEIGHTS INDICATED REPRESENT LOADS USED IN DESIGN OF STRUCTURE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING FINAL LOCATIONS OF ROOFTOP EQUIPMENT AND DIMENSIONS OF OPENINGS. WHERE LOCATIONS, OPENINGS, OR WEIGHTS DIFFER FROM THOSE INDICATED ON PLAN, CONTRACTOR SHALL SUSPEND ALL WORK IN THE AFFECTED AREA AND NOTIFY STRUCTURAL ENGINEER. WHERE RE-DESIGN OF THE STRUCTURE IS REQUIRED DUE TO REVISIONS IN LOCATIONS, OPENINGS, OR WEIGHTS SUCH RE-DESIGN OR RE-INVESTIAGTION SHALL BE AT THE EXPENSE OF THE CONTRACTOR INCLUDING ADDITIONAL STRUCTURAL STEEL, IF REQUIRED, AND ENGINEERING FEES.
10. LOCATION OF SUPPORT STEEL FRAMING AT ROOFTOP MECHANICAL UNITS MUST BE COORDINATED BY THE CONTRACTOR BASED ON THE REQUIREMENTS AND DIMENSIONS OF THE UNITS ACTUALLY PURCHASED FOR THIS PROJECT. IF UNIT SUPPORT CURBS EXTEND BEYOND FRAMING SHOWN THEN ADDITIONAL BEAMS MAY BE REQUIRED. CONFIRM AND INFORM ARCHITECT PRIOR TO PROCEEDING.

PLAN NORTH

100% CONSTRUCTION DOCUMENTS

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REVISION NO.	REVISION DESCRIPTION		

Revisions By Date

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HSH PROJECT # 11015

Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title: ROOF FRAMING PLAN

✱ BUILDING IS FULLY SPRINKLERED ✱

Project Title: REPLACE BOILER PLANT/ COGEN/CHP

Date: APRIL 30, 2012

Project Number: 544-11-101

Drawn	Building Number	AutoCAD File Name
RJM	21	

Checked	Reviewed	Const. Contract No.
MEH		

DRAWING No. SS102

Veterans Affairs