MATCH LINE

116 LBS

EACH IS 116 LBS

EACH IS 145 LBS

EACH IS 372 LBS

4,831 TOTAL LBS

RTU 2,500 LBS

RTU 2,500 LBS

ROOF FRAME AT DRAINS SEE DETAIL ON S002

ROOF HATCH. SEE TYPICAL ROOF FRAME DETAIL ON S002

BLDG ELEC

BLDG SPRINKLER

FABRICATOR TO DETAIL ROOF LADDER TO ALLOW FOR 2" OF ROOF DEFLECTION

Area reinforced for potential RTU's

GENERATOR

CONDENSERS

227'-8¾"

45'-0"

45'-0"

40'-0"

31@5'-7½"

7@5'-0"

3'-10"

1'-2"

42'-0"

42'-0"

42'-0"

42'-0"

42'-0"

42'-0"

MATCH LINE

ROOF DESIGN LOADS
DEAD LOAD = 17 PSF
SOLAR = 5 PSF
SNOW LOAD = 30 PSF
TOTAL LOAD = 52 PSF

ROOF FRAMING PLAN

LEGEND:

1. TOP OF JOIST ELEVATION = 134'-5 1/4"
2. — — — INDICATES HORIZONTAL BRIDGING TOP AND BOTTOM CHORD.
3. ←(1)→ INDICATES 1 $\frac{5}{16}$" 20GA B PTD ROOF DECK. ATTACH DECKING TO ROOF WITH $\frac{5}{8}$" DIA PUDDLE WELDS IN A $\frac{36}{4}$ PATTERN WITH 4-#10 TEK SIDELAP SCREWS PER SPAN
4. R.D. INDICATES ROOF DRAIN WITH OVERFLOW DRAIN SYSTEM.
5. SEE S300 FOR UPLIFT REQUIREMENTS.
6. JOIST TO BE SPACED AT 5'-3" O.C. MAXIMUM
7. ALL JOISTS TO HAVE 5" DEEP SEATS
8. +1K INDICATES ADDITIONAL LOAD IN JOIST GIRDER
9. ARCHITECT TO VERIFY ROOF PITCH IS ACCEPTABLE.
10. NOTE #1 JOIST TO HAVE 0" CAMBER
    NOTE #2 JOIST TO HAVE ½ SJI CAMBER

PREPARED BY:
EBI Consulting
ENVIRO BUSINESS, INC.
21 B Street | Burlington, MA 01803
Tel: (781) 273-2500 | www.ebiconsulting.com

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FIRM C OF A NO.: #X-XXXX

SIGNED BY:

DATE: 6/11/20

NAME:

LICENSE NO:

PREPARED FOR:

CONSULTANT:
KPB Engineering
Consulting Structural Engineers
21 B Street, Suite 204
Charlestown, MA 01 907
TEL: (781) 843-2 197

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SUBMITTAL

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	6/11/20	
2	FOR CONSTRUCTION	7/17/20	
3	STEEL DETAILING CLARIFICATION	8/3/20	

DRAWN BY

REVIEWED BY

EBI ISSUE_DATE

DATE ISSUED: 6/11/20

SITE ID NO.

PROJECT TITLE: READVILLE – BUILDING B

SHEET TITLE: ROOF FRAMING PLAN

SITE ADDRESS: 50 INDUSTRIAL DRIVE BOSTON, MA 02110

PROJECT NO. 1619000043

S110