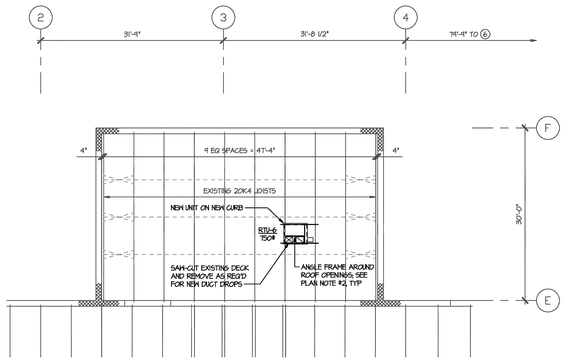
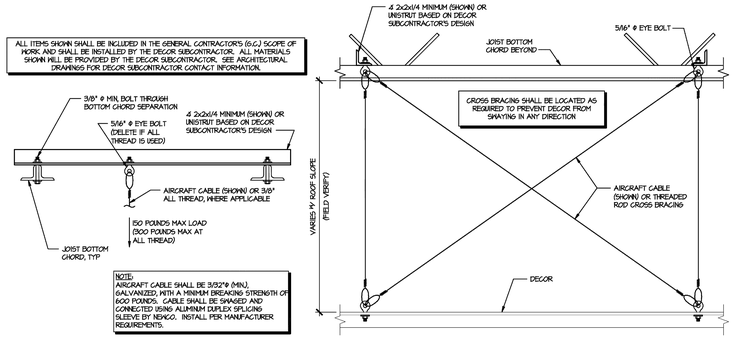


PARTIAL EXISTING AND NEW ROOF FRAMING PLAN

SCALE: 3/32" = 1'-0"

A — S1.2 | S2.1

ALL ITEMS SHOWN SHALL BE INCLUDED IN THE GENERAL CONTRACTOR'S (G.C.) SCOPE OF WORK AND SHALL BE INSTALLED BY THE DECOR SUBCONTRACTOR. ALL MATERIALS SHOWN HILL BE PROVIDED BY THE DECOR SUBCONTRACTOR. SEE ARCHITECTURAL DRAWINGS FOR DECOR SUBCONTRACTOR CONTACT INFORMATION.



NOTE:
AIRCRAFT CABLE SHALL BE 3/32"Ø (MIN.), GALVANIZED, WITH A MINIMUM BREAKING STRENGTH OF 600 POUNDS. CABLE SHALL BE SWAGED AND CONNECTED USING ALUMINUM DUPLEX SPLICING SLEEVE BY NICRO. INSTALL PER MANUFACTURER REQUIREMENTS.

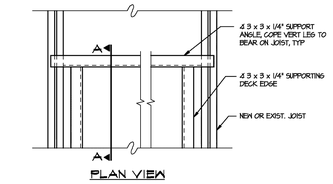
TYPICAL DECOR SUPPORT DETAILS

SCALE: NOT TO SCALE

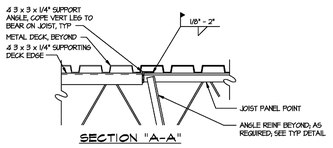
1 — S2.1 | S2.1

PRIOR TO THE START OF ANY WORK OR FABRICATION OF MATERIALS, FIELD VERIFY ALL EXISTING CONDITIONS, INCLUDING DIMENSIONS AND ELEVATIONS, WHETHER EXPOSED TO VIEW OR NOT. IF DISCREPANCIES ARE FOUND, CONTACT THE ARCHITECT / ENGINEER FOR ADDITIONAL DIRECTION.

THIS EXISTING ROOF FRAMING PLAN WAS CREATED FROM DRAWINGS PREPARED BY JOHN R. ARMFIELD, P.E., DATED 12/08/2003.



PLAN VIEW



SECTION "A-A"

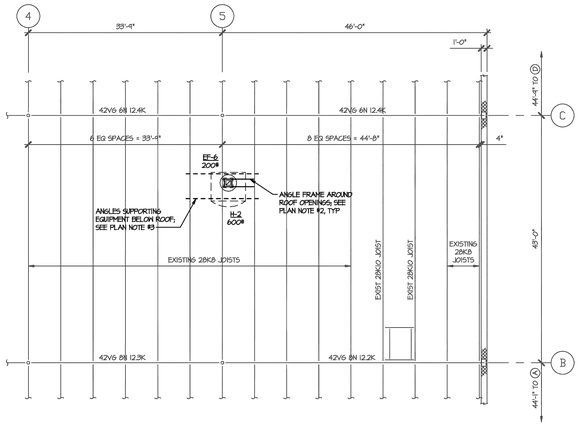
TYPICAL ROOF OPENING DETAIL

SCALE: NOT TO SCALE

2 — S2.1 | S2.1

PLAN NOTES:

1. NEW AND REPLACEMENT ROOF DECK (FIELD VERIFY, PROFILE MATCHES EXISTING) SHALL BE 1-1/2", 18 GAUGE WIDE RIB, PAINTED STEEL IN ACCORDANCE WITH THE S.D.I. AND THESE DRAWINGS & SPECIFICATIONS, AND SHALL BE MECHANICALLY FASTENED w/ #14 TAK SCREWS, AS FOLLOWS:
   A. EACH RIB (6" Oc) AT EACH SUPPORT W/ 3 - #14 SIDE LAP STITCH SCREWS EQUALLY SPACED WITHIN THE HATCHED AREAS.
2. PROVIDE 4 3" x 3" x 1/4" (MIN, UNLESS OTHERWISE NOTED) FRAME AROUND ALL ROOF OPENINGS LARGER THAN 8" SQUARE (ALL OPENINGS NOT SHOWN). COORDINATE SIZE, LOCATION AND NUMBER OF OPENINGS WITH ARCH, MECH, ELEC, ETC. DRAWINGS AND VERIFY WITH OWNER. WHERE DUCTWORK, FIXTURES AND/OR EQUIPMENT BELOW ROOF DECK CONFLICT WITH LATERAL BRIDGING, DISCONTINUE AND PROVIDE "X" BRIDGING BETWEEN JOISTS ON EACH SIDE OF BRIDGING INTERRUPTION. SEE TYPICAL ROOF OPENING DETAIL, SEE SHEET S3.1
3. WHERE EQUIPMENT OR ITS SUPPORTING MEMBERS BEAR ON OR ARE HUNG (PROVIDE 4 4" x 4" x 5/16" MIN (U.O.N.) SPANNING BETWEEN JOISTS) FROM JOISTS AT A LOCATION OTHER THAN A TOP OR BOTTOM CHORD PANEL POINT, REINFORCE JOIST PER TYP REINF JOIST DETAIL, SEE SHEET S3.1
4. STRUCTURAL STEEL PIPE SHALL CONFORM TO ASTM A53 TYPE "E" OR "S", GRADE B AND STEEL TUBING SHALL CONFORM TO ASTM A500, GRADE B. WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A572, GRADE 50. ALL OTHER SHAPES ASN. - STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE AISC "MANUAL OF STEEL CONSTRUCTION" (LATEST EDITION).
5. ALL WELDING SHALL BE IN ACCORDANCE WITH THE AWS "STRUCTURAL WELDING CODE" D1.1 (LATEST EDITION), USING E70XX ELECTRODES, U.O.N.
6. NO PIPE, CONDUIT, OR EQUIPMENT SHALL BE SUPPORTED FROM JOIST BRIDGING OR METAL DECK; PROVIDE INDEPENDENT SUPPORT MEMBER (SIZED BY CONTRACTOR) ATTACHED AT JOIST PANEL POINT.
7. THE EXISTING ROOF STRUCTURE, AS SHOWN AND / OR MODIFIED, IS ADEQUATE TO SUPPORT THE NEW EQUIPMENT SHOWN BASED ON THE WEIGHTS NOTED. IF THE PROPOSED UNIT WEIGHTS EXCEED THESE AMOUNTS OR ARE RELOCATED, NOTIFY THE STRUCTURAL ENGINEER TO EVALUATE THE ADEQUACY OF THE EXISTING STRUCTURE PRIOR TO ORDERING THE UNITS.



PARTIAL EXISTING AND NEW ROOF FRAMING PLAN

SCALE: 3/32" = 1'-0"

B — S1.2 | S2.1

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NORTHWOOD SQUARE
ROCK HILL, SC

PROJECT MANAGER
Rajeev Bhave
JOB NO.
8-11343-05
DR. BY:
JH

REVISIONS
No. ____ Date ____
No. ____ Date ____
No. ____ Date ____
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DRAWING NAME

EXISTING & NEW ROOF FRAMING PLAN

SHEET NO. 3 OF 5 SHEETS

S2.1

ISSUE DATE: 01/27/11