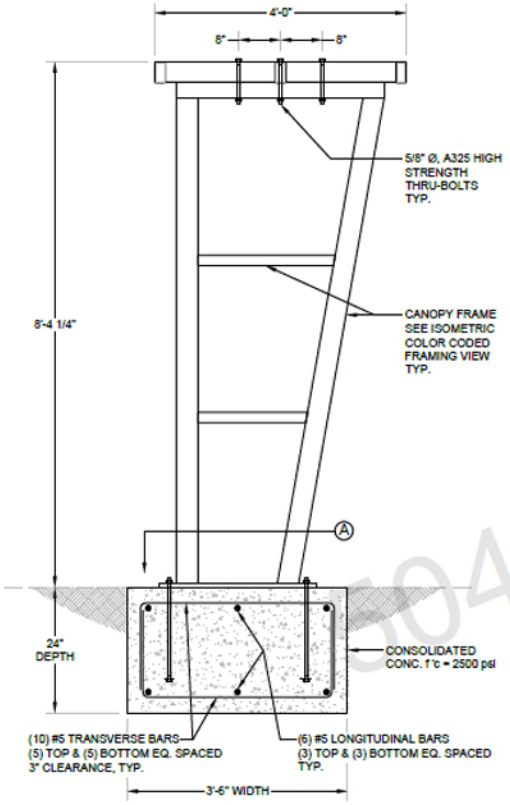
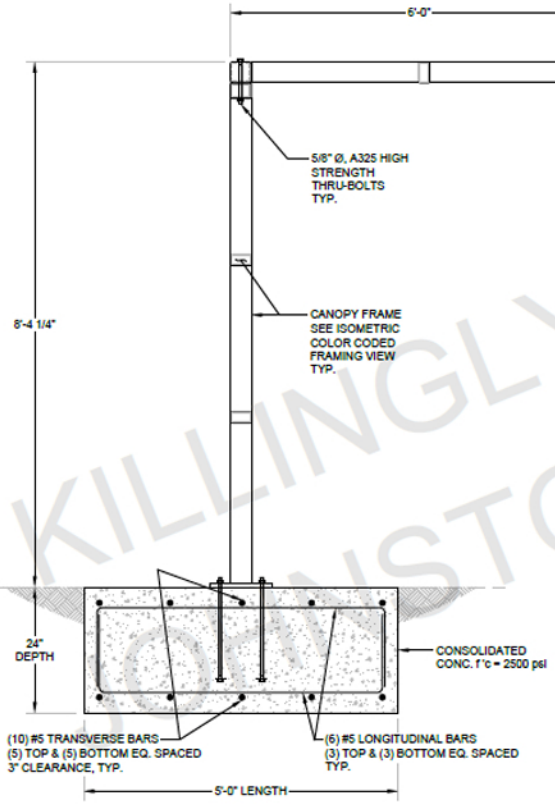


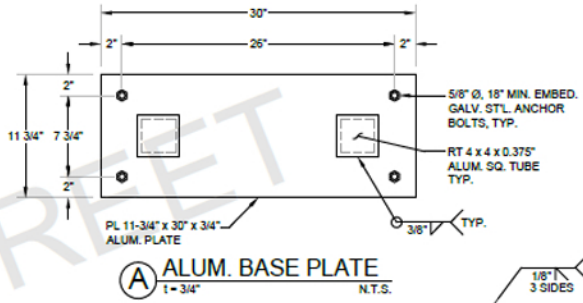
FRONT ELEVATION

N.T.S.



SIDE ELEVATION

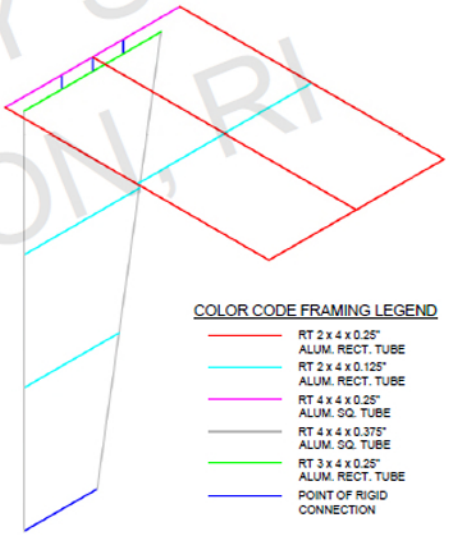
N.T.S.



A ALUM. BASE PLATE

t = 3/4"

N.T.S.

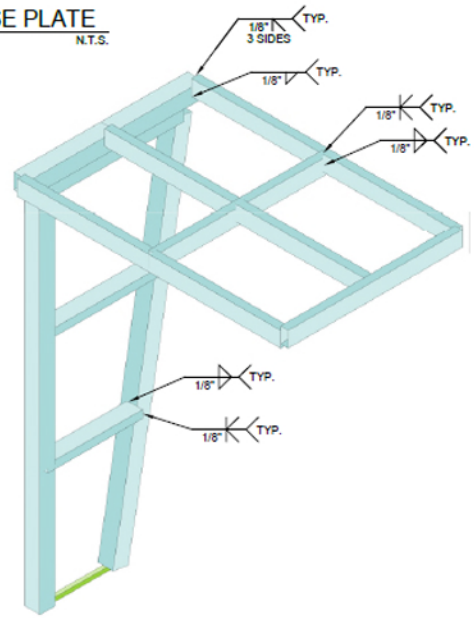


COLOR CODE FRAMING LEGEND

- RT 2 x 4 x 0.25" ALUM. RECT. TUBE
- RT 2 x 4 x 0.125" ALUM. RECT. TUBE
- RT 4 x 4 x 0.25" ALUM. SQ. TUBE
- RT 4 x 4 x 0.375" ALUM. SQ. TUBE
- RT 3 x 4 x 0.25" ALUM. RECT. TUBE
- POINT OF RIGID CONNECTION

ISOMETRIC COLOR CODED FRAMING

N.T.S.



ISOMETRIC FRAME WELDING

N.T.S.

TONY ISAAC JACOB

No. 001586

REGISTERED PROFESSIONAL ENGINEER (CIVIL)

8/9/2019

NOTES :

GENERAL :

- SIGN DESIGN IS BASED ON ADEQUATE EXISTING SUPPORT ELEMENTS.
- PROVIDE ISOLATION OF DISSIMILAR MATERIALS.
- COAT ALUMINUM IN CONTACT WITH CONCRETE WITH ZINC RICH PAINT.
- THERE IS NO PROTECTION ZONE AS DEFINED IN AISC 341-10.
- PROVIDE FULLY WELDED END CAPS AT EXPOSED OPEN ENDS OF STEEL / ALUM. TUBES, MATCH THICKNESS LIKE FOR LIKE.
- SLOPE TOP OF EXPOSED FOOTING AWAY FROM DIRECT BURIAL POSTS

ANCHORS :

- BRAND NAME APPROVED POST INSTALLED ANCHORS SPECIFIED ON PLANS MAY BE SUBSTITUTED BY APPROVED EQUAL.

STEEL :

DESIGN AND FABRICATION ACCORDING TO 2012 IBC

- PLATE, ANGLE, CHANNEL TEE, AND WIDE FLANGE: ASTM A36
- ROUND PIPE: ASTM A53 GRADE B OR EQUIVALENT.
- HSS ROUND, SQUARE, AND RECTANGULAR TUBE: ASTM A500 GRADE B OR EQUIVALENT
- ALL ANCHORS BOLTS SHOULD BE: ASTM F1554
- ALL STEEL MACHINED BOLTS SHOULD BE: ASTM A325
- ALL STAINLESS STEEL MACHINED BOLTS SHOULD BE: ASTM A276
- ZINC COATED (HOT DIPPED) PER: ASTM A153 OR F2329
- BEARING TYPE CONNECTION REINFORCING REBAR: ASTM A615 GRADE 60 DEFORMED BARS

ALUMINUM :

DESIGN AND FABRICATION ACCORDING TO 2010 ALUM. DESIGN MANUAL

- PLATES, ANGLES, CHANNELS, TEE, AND SQUARE TUBING: ALUMINUM ALLOY 6061 - T6 WITH 0.098 LBS PER CUBIC INCH.

WELDING :

STEEL

DESIGN AND FABRICATION ACCORDING TO AWS D1.1.

- AWS CERTIFICATION REQUIRED FOR ALL STRUCTURAL WELDERS.
- E70 XX ELECTRODE FOR SMAW PROCESS.
- E70S XX ELECTRODE FOR GMAW PROCESS.
- ER7 XX ELECTRODE FOR GTAW PROCESS.
- E70T XX ELECTRODE FOR FCAW PROCESS.

ALL WELDS SHALL BE MADE WITH A FILLER METAL THAT CAN PRODUCE WELDS THAT HAVE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20FT-LB AT ZERO 0° AS DETERMINED BY THE APPROPRIATE AWS A5 CLASSIFICATION TEST METHOD OR MFG'S. CERTIFICATION.

ALUMINUM

DESIGN AND FABRICATION ACCORDING TO AWS D1.2.

ALL WELDING IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS A.5.10. FILLER ALLOYS PER TABLES M.9.1 & M.9.2 OF 2010 ALUMINUM DESIGN MANUAL.

CONCRETE :

DESIGN AND CONSTRUCTION ACCORDING TO ACI 318-14

- COMPRESSIVE STRENGTH AT 28 DAYS, f'c=2500 PSI MINIMUM.
- CEMENT TYPE II OR IV. W/C RATIO 0.45 BY WEIGHT FOR PIER AND CAISSON FOOTINGS
- CONCRETE MUST BE POURED AGAINST UNDISTURBED EARTH.
- MAINTAIN A MINIMUM 3" CONCRETE COVER OVER ALL EMBEDDED STEEL.

SOIL:

LATERAL SOIL BEARING PER IBC CLASS 5 TABLE 1806.2 (100 PSF/FT).

www.yjinc.com
P.O. BOX 802050
SANTA CLARITA, CA. 91380
TEL. (661)259-0700 FAX. (661)259-0900

SHEET TITLE:

RYKO CANOPY

DRN BY: K.S.P.	DATE LAST REVISED: Aug 09, 2019	REV. NO.	REV. DATE	REVISED BY	PROJECT JOB # : JTS_34919_Ryko_Canopy_Killingly St_Johnston RI.dwg
CHK BY: T.J.	PROJ. START DATE: Feb 15, 2019	1	-/-/-	---	PROJECT LOCATION : RYKO 504 KILLINGLY ST. JOHNSTON, RI.
REV BY: T.J.	SCALE: AS SHOWN	2	-/-/-	---	SHEET # 1 OF 1
plotted by: Jessica on 8.9.2019 @ 12:19 PM		3	-/-/-	---	