



Radian  
Communication  
Services

**N.E.T.V – KXNE -TV**  
AS-BUILT

**NORFOLK, NE**

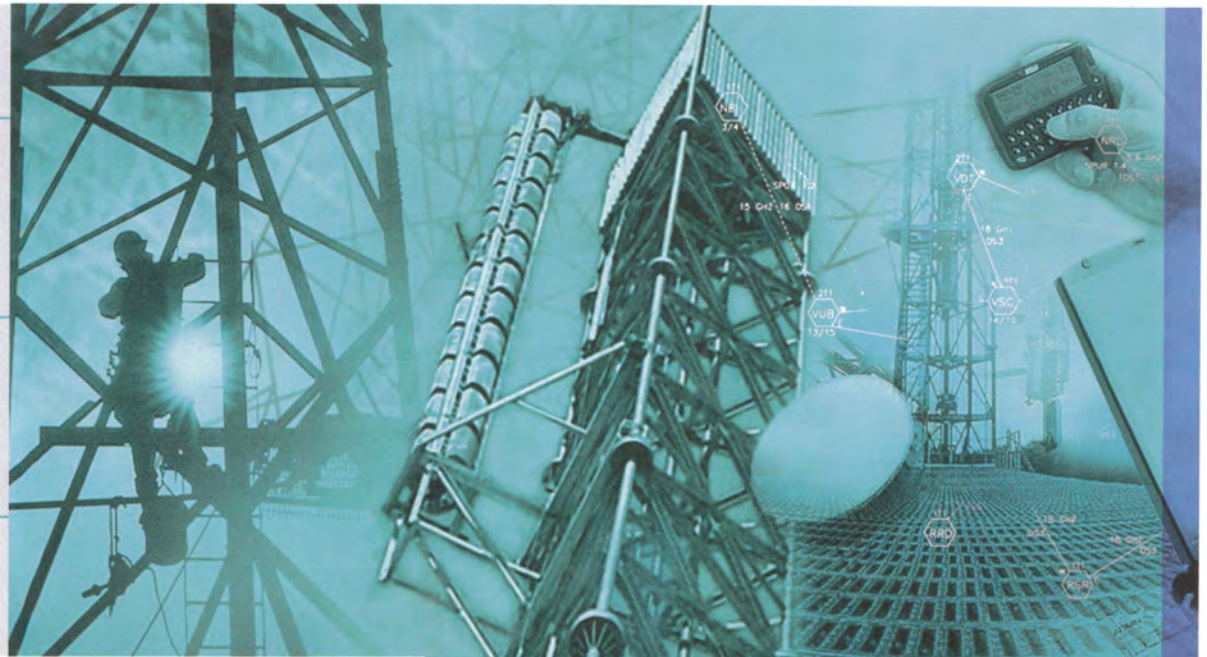
FILE NO.: 02-017-0123

NETWORK  
DEPLOYMENT

BREADTH OF  
SOLUTIONS

ORGANIZED  
TO DELIVER

OPERATIONAL  
EXCELLENCE



ISO 9001:2000

N.E.T.V – KXNE-TV  
 1014.75FT (AGL) RT07 SERIES MAST  
 NORFOLK, NE  
 02-017-0123  
 AS BUILT

DESCRIPTION	DRAWING NO.	REV.			
<b><u>PRESHIPMENT</u></b>					
GENERAL NOTES	07-NKHS-N01-01	1			
TOWER DESIGN PROFILE	07-NKHS-D01-01	3			
TOWER TYPICAL CROSS SECTION	07-NKHS-E02-01	0			
SITE PLAN	07-NKHS-S01-01	0			
COMPOUND LAYOUT	07-NKHS-S01-02	1			
TOWER BASE FOUNDATION	07-NKHS-F01-01	1			
TOWER BASE FOUNDATION	07-NKHS-F01-02	0			
GUY INNER ANCHOR	07-NKHS-F02-01	2			
GUY OUTER ANCHOR	07-NKHS-F02-02	2			
TX BRIDGE FOUNDATION	07-NKHS-F03-01	0			
SNUBBER ANCHOR FOUNDATION	07-NKHS-F04-01	0			
SNUBBER FOUNDATION LAYOUT	07-NKHS-F05-01	1			
ANCHOR PROFILE AT AZ. 27°	07-NKHS-F06-01	0			
ANCHOR PROFILE AT AZ. 147°	07-NKHS-F06-02	0			
ANCHOR PROFILE AT AZ. 267°	07-NKHS-F06-03	0			
TOWER GROUNDING	07-NKHS-E101-01	0			
<b><u>PHASE 1 ERECTION DRAWINGS</u></b>					
<b><u>SITE-SPECIFIC DRAWINGS</u></b>					
KIT NUMBER PROFILE	07-NKHS-D02-01	1			
BASE SECT-TX & LIGHTING SUPPORT	07-NKHS-E03-01	0			
BASE SECT-TX & LIGHTING SUPPORT	07-NKHS-E03-02	0			
SECT 2-5,7,8-TX & LIGHTING SUPPORT	07-NKHS-E04-01	0			
SECT 2-5,7,8-TX & LIGHTING SUPPORT	07-NKHS-E04-02	0			
SECT 9-TX & LIGHTING SUPPORT	07-NKHS-E05-01	0			
SECT 9-TX & LIGHTING SUPPORT	07-NKHS-E05-02	0			
SECT 10,12-14-TX & LIGHTING SUPPORT	07-NKHS-E06-01	0			
SECT 10,12-14-TX & LIGHTING SUPPORT	07-NKHS-E06-02	0			
SECT 6-TX & LIGHTING SUPPORT	07-NKHS-E07-01	0			
SECT 6-TX & LIGHTING SUPPORT	07-NKHS-E07-02	0			
SECT 11-TX & LIGHTING SUPPORT	07-NKHS-E08-01	0			
SECT 11-TX & LIGHTING SUPPORT	07-NKHS-E08-02	0			
Cont'd					
Reference Job No.					
Drawing Index No.					
DESCRIPTION	DATE	DWN BY	CHK'D	DRAWING No.	REV.
INDEX	FEB/09/04	AAS	<i>SW</i>	07-NKHS-XE6-01	0

N.E.T.V – KXNE-TV  
 1014.75FT (AGL) RT07 SERIES MAST  
 NORFOLK, NE  
 02-017-0123  
 AS BUILT

DESCRIPTION	DRAWING NO.	REV.			
<b>STANDARD DRAWINGS</b>					
KIT# K07XH2A	07XH2A-E01	0			
KIT# K07XH2A	07XH2A-E02	1			
KIT# K07XH2	07XH2-E01	1			
KIT# K07XH2	07XH2-E02	0			
KIT# K07XH8L3H0	07XH8L3H0-E01	1			
KIT# K07XH8L3H0	07XH8L3H0-E02	1			
KIT# K07XH8L3H3	07XH8L3H3-E01	1			
KIT# K07XH8L3H3	07XH8L3H3-E02	1			
<b>PHASE 2 ERECTION DRAWINGS</b>					
<b>SITE-SPECIFIC DRAWINGS</b>					
SECT 15,17,18-TX & LIGHTING SUPPORT	07-NKHS-E13-01	0			
SECT 15,17,18-TX & LIGHTING SUPPORT	07-NKHS-E13-02	0			
SECT 16-TX & LIGHTING SUPPORT	07-NKHS-E14-01	0			
SECT 16-TX & LIGHTING SUPPORT	07-NKHS-E14-02	0			
SECT 19-TX & LIGHTING SUPPORT	07-NKHS-E15-01	0			
SECT 19-TX & LIGHTING SUPPORT	07-NKHS-E15-02	0			
SECT 20,22-TX & LIGHTING SUPPORT	07-NKHS-E16-01	0			
SECT 20,22-TX & LIGHTING SUPPORT	07-NKHS-E16-02	0			
SECT 21-TX & LIGHTING SUPPORT	07-NKHS-E17-01	0			
SECT 21-TX & LIGHTING SUPPORT	07-NKHS-E17-02	0			
<b>STANDARD DRAWINGS</b>					
KIT# K07XF2	07XF2-E01	0			
KIT# K07XF2	07XF2-E02	0			
KIT# K07XF8L3I5	07XF8L3I5-E01	0			
KIT# K07XF8L3I5	07XF8L3I5-E02	0			
KIT# K07XF8M5I4	07XF8M5I4-E01	0			
KIT# K07XF8M5I4	07XF8M5I4-E02	0			
KIT# K07XF8K	07XF8K-E01	0			
KIT# K07XF8K	07XF8K-E02	0			
Cont'd					
Reference Job No.		Reference Job No.			
Drawing Index No.		Drawing Index No.			
DESCRIPTION	DATE	DWN BY	CHK'D	DRAWING No.	REV.
INDEX	FEB/09/04	AAS	<i>su</i>	07-NKHS-XE6-02	0

N.E.T.V – KXNE-TV  
 1014.75FT (AGL) RT07 SERIES MAST  
 NORFOLK, NE  
 02-017-0123  
 AS BUILT

DESCRIPTION	DRAWING NO.	REV.
<b><u>PHASE 3 ERECTION DRAWINGS</u></b>		
<b>SITE-SPECIFIC DRAWINGS</b>		
SECT 23,24-TX & LIGHTING SUPPORT	07-NKHS-E18-01	0
SECT 23,24-TX & LIGHTING SUPPORT	07-NKHS-E18-02	0
SECT 25,26-TX & LIGHTING SUPPORT	07-NKHS-E19-01	0
SECT 25,26-TX & LIGHTING SUPPORT	07-NKHS-E19-02	0
SECT 27-TX & LIGHTING SUPPORT	07-NKHS-E20-01	0
SECT 27-TX & LIGHTING SUPPORT	07-NKHS-E20-02	0
SECT 28-30-TX & LIGHTING SUPPORT	07-NKHS-E21-01	0
SECT 28-30-TX & LIGHTING SUPPORT	07-NKHS-E21-02	0
<b>STANDARD DRAWINGS</b>		
KIT# K07XE2	07XE2-E01	0
KIT# K07XE2	07XE2-E02	0
KIT# K07XE8J	07XE8J-E01	0
KIT# K07XE8J	07XE8J-E02	0
KIT# K07XE8G3K5	07XE8G3K5-E01	0
KIT# K07XE8G3K5	07XE8G3K5-E02	0
KIT# K07XE8K	07XE8K-E01	0
KIT# K07XE8K	07XE8K-E02	0
<b><u>ERECTION DRAWINGS</u></b>		
<b>SITE-SPECIFIC DRAWINGS</b>		
GUY TENSION CHART	07-NKHS-E03-01 TO 06	0
GUY ASSEMBLY – INNER ANCHOR	07-NKHS-E12-01	1
GUY ASSEMBLY – OUTER ANCHOR	07-NKHS-E12-02	1
GUY DAMPENING – DAMPERS INSTALLATIONS	07-NKHS-E102-01	0
GROUNDING – LIGHTNING DISSIPATOR LOCATION	07-NKHS-E300-01	0
<b>STANDARD DRAWINGS</b>		
GUY SNUBBER ASSEMBLY – FOR GUYS UP TO 1 ½” ULTRA STRAND AND TOWERS UP TO 1200’	GY047_E01	0
Cont'd		
Reference Job No.		
Drawing Index No.		
DESCRIPTION	DATE	DWN BY
INDEX	FEB/09/04	AAS
CHK'D		
<i>fv</i>		
DRAWING No.		REV.
07-NKHS-XE6-03		0



N.E.T.V – KXNE-TV  
 1014.75FT (AGL) RT07 SERIES MAST  
 NORFOLK, NE  
 02-017-0123  
 AS BUILT

DESCRIPTION	DRAWING NO.	REV.			
<b><u>TOP PHASE ERECTION DRAWINGS</u></b>					
<b>SITE-SPECIFIC DRAWINGS</b>					
TOP SECT32+TX & LIGHT SUPPORT	07-NKHS-E22-01	0			
LOCATION OF TRANSFER PLATFORM	07-NKHS-E22-02	0			
TX LINE MOUNTING – RC 6 1/8" LAYOUT @ TOP SECTION	07-NKHS-E22-03	0			
SECT 31-TX & LIGHTING SUPPORT	07-NKHS-E23-01	0			
SECT 31-TX & LIGHTING SUPPORT	07-NKHS-E23-02	0			
<b>STANDARD DRAWINGS</b>					
KIT# K07WA2 – TOP TRANSFER PLATFORM	07WA2-E01	0			
KIT# K07WA2-SB1 – SUPPORTS FOR TRANSFER PLATFORM	07WA2-SB1-E01	0			
<b><u>TX W/G BRIDGE ERECTION DRAWINGS</u></b>					
TX BRIDGE LAYOUT	07-NKHS-E109-01	0			
TX BRIDGE 3D VIEW	07-NKHS-E109-02	0			
TX BRIDGE ELEVATION A-A	07-NKHS-E109-03	0			
TX BRIDGE DETAILS	07-NKHS-E109-04	0			
W/G BRIDGE SPLICE CONNECTION	TB006-E05	0			
TX SUPPORT BRACKET	TB012-E01	0			
<b><u>MATERIAL LIST</u></b>					
MATERIAL LIST	30 PAGES				
End					
Reference Job No.					
Drawing Index No.					
DESCRIPTION	DATE	DWN BY	CHK'D	DRAWING No.	REV.
INDEX	FEB/09/04	AAS	<i>EV</i>	07-NKHS-XE6-04	0

REVISIONS				
REV	DESCRIPTION	DWN	CHK	APP
1	REVISED TOWER HEIGHT FROM 1014' TO 1014.75'		SIP	AAC bL
DATE: Feb/25/2003				

**GENERAL**

- THE GENERAL STRUCTURAL NOTES ARE INTENDED TO AUGMENT THE DRAWINGS AND SPECIFICATIONS. SHOULD CONFLICTS EXIST BETWEEN THE DRAWINGS, SPECIFICATIONS AND/OR THE GENERAL STRUCTURAL NOTES, THE STRICTEST PROVISION SHALL GOVERN.
- THE STRUCTURE IS DESIGNED TO BE STABLE AFTER THE CONSTRUCTION IS FULLY COMPLETED. THE CREW MUST FOLLOW APPROVED ERECTION PROCEDURES IN ORDER TO ENSURE THE SAFETY OF THE CONSTRUCTION AND ITS PARTS DURING ERECTION.
- ALL CONSTRUCTION SHALL COMPLY FULLY WITH THE APPLICABLE PROVISIONS OF OSHA AND THE LOCAL GOVERNING CODES, LATEST EDITION, AND ALL REQUIREMENTS SPECIFIED IN THE CODES SHALL BE ADHERED TO AS IF THEY WERE CALLED FOR OR SHOWN ON THE DRAWINGS.
- ALL WORK CONSTRUCTED PER THESE DRAWINGS SHALL BE CHECKED AND VERIFIED BY QUALITY ASSURANCE AS DETERMINED BY THE ENGINEER.

**DESIGN LOADS**

WIND LOADS AS PER ANSI/TIA/EIA-222-F  
 BASIC WIND SPEED: 85 MPH  
 RADIAL ICE: 0.50"  
 WIND AND ICE REDUCTION FACTOR = 0.75

**FOUNDATIONS**

- THIS FOUNDATION DESIGN IS BASED ON LOADS SHOWN ON THE DESIGN PROFILE.
- FOUNDATION HAS BEEN DESIGNED BASED ON A SOIL REPORT BY TERRACON, PROJECT #05025149 FROM SEPTEMBER 12, 2002.
- CONTACT THE ENGINEER CONCERNING ANY CHANGES IN THE INSTALLATION DUE TO ANY DIFFERENCE OF THE ON SITE EXISTING CONDITIONS.
- A FIELD INSPECTOR SHALL PERFORM A SITE INSPECTION OF THE FOUNDATION INSTALLATION TO INSURE COMPLIANCE WITH THE PLANS.
- CHECK AREA FOR LOCATION OF UNDERGROUND PIPES, CABLES, CONDUIT, ETC. PRIOR TO STARTING EXCAVATION.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL CODES AND SAFETY REGULATIONS REQUIREMENTS. PROCEDURES FOR PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO START OF FOUNDATION WORK.
- WELDING OF REINFORCING STEEL AND EMBEDMENTS IS PROHIBITED UNLESS OTHERWISE NOTED ON DRAWINGS.
- CONCRETE COVERAGE OVER ALL STEEL SHALL CONFORM TO ACI 318 BUILDING CODE MINIMUM REQUIREMENTS AND AS SHOWN ON STRUCTURAL DETAILS. THE MINIMUM CONCRETE COVER OVER REBAR SHALL BE 3"
- INSPECT BOTTOM OF EXCAVATION PRIOR TO PLACING STEEL CAGE AND CONCRETE TO INSURE NO LARGE AMOUNTS OF LOOSE DIRT OR FOREIGN MATERIALS REMAINS
- SPACING DEVICES SHALL BE USED AS REQUIRED TO MAINTAIN THE SIDE CLEARANCE BETWEEN THE STEEL REINFORCEMENT AND EXCAVATION WALL.
- CONCRETE SHALL BE PLACED INTO EXCAVATION WITHIN SHORTEST NUMBER OF HOURS WITH THE USE OF A CHUTE OR HOPPER DEVICE TO DIRECT THE CONCRETE TO FALL WITHIN THE CENTER OF THE STEEL CAGE. CONCRETE SLUMP SHALL NOT BE LESS THAN 4" NOR MORE THAN 5". CONCRETE SHALL NOT BE ALLOWED TO HIT THE STEEL CAGE WHICH WOULD CAUSE SEGREGATION OF THE MATERIAL.
- VIBRATE THE TOP 5 FT. OF CONCRETE IN ORDER TO ACHIEVE PROPER COMPACTION. SLOPE TOP OF CONCRETE AS REQUIRED FOR PROPER DRAINAGE AWAY FROM TOWER.
- BACK FILL SHALL BE PLACED IN 6" - 8" HORIZONTAL LIFTS AND COMPACTED TO A MINIMUM 95% OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM TEST DESIGNATION D-698 (STANDARD PROCTOR). THE FILL MATERIAL SHALL BE FREE FROM LARGE ROCKS, WASTE, DEBRIS AND SHALL BE PLACED AT OR NEAR THE OPTIMUM MOISTURE CONTENT.
- TEMPORARY STEEL CASING OR OTHER SAFETY MEASURES SHALL BE APPLIED WHILE INSTALLATION OF DRILLED PIERS "CAISSONS" TO PREVENT CAVING OF EARTH INTO THE SHAFT AND TO PROVIDE A WATER-TIGHT SEAL.

**CAST-IN-PLACE CONCRETE**

- CONCRETE WORK SHALL CONFORM TO REQUIREMENTS OF ACI 301-92 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", EXCEPT AS MODIFIED BY STRUCTURAL REQUIREMENTS NOTED ON THE DRAWINGS.
- ALL CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI
- CONCRETE STRUCTURAL FRAMING HAS BEEN DESIGNED BY THE ULTIMATE STRENGTH METHOD PER ACI 318-92 BUILDING CODE.
- ALL REINFORCING STEEL BARS SHALL CONFORM TO ASTM A615, GRADE 60. REINFORCING SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH MANUAL OF STANDARD FOR DETAILING REINFORCED CONCRETE (ACI 315 - LATEST EDITION).
- THE SUBCONTRACTOR SHALL SUBMIT THE CONCRETE MIX DESIGN(S) FOR REVIEW. PROPORTION MIX DESIGNS AS DEFINED IN ACI 301 ARTICLE 3.9. THE SUBMITTAL SHALL INCLUDE CEMENT TYPE AND SOURCE, CEMENT CUBE STRENGTH, AGGREGATE GRADATIONS, WATER TESTS, AD-MIXTURE CATALOGUE INFORMATION AND CYLINDER STRENGTH TEST RESULTS FOR THE CONCRETE.
- ALL REINFORCEMENT TO BE FABRICATED AND ERECTED ACCORDING TO THE ACI STANDARDS: "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT", ACI 315 - LATEST EDITION AND "MANUAL OF ENGINEERING AND PLACING DRAWINGS FOR REINFORCED CONCRETE STRUCTURES", ACI 315R - LATEST EDITION.
- LAPS, ANCHORAGES AND SPLICES COMPLY WITH THE REQUIREMENTS OF ACI 318-92, AND IN NO CASE LAPS AND SPLICES WILL BE LESS THAN 30 BAR DIAMETERS.

LOCATIONS AND SPLICES ARE IN ACCORDANCE WITH THE CONSTRUCTION JOINT LOCATIONS AND DETAILS AND AS SHOWN ON THE REINFORCING STEEL SHOP DRAWINGS.

- ANCHOR BOLTS SHALL BE SET BY TEMPLATE TO WITHIN A 1/8" TOLERANCE IN ANY PLAN DIRECTION IN PIERS AND FOOTINGS, WITH THE MINIMUM PROJECTION INDICATED ON THE DRAWINGS UNLESS NOTED OTHERWISE.
- THE CONCRETE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ALL POUR SEQUENCES AND CONSTRUCTION PROCEDURES FOR ALL CONCRETE WORK TO ACCOUNT FOR TEMPERATURE DIFFERENTIALS AND SHRINKAGE OCCURRING DURING THE CONSTRUCTION PHASE UNTIL THE CONSTRUCTION IS PERMANENTLY IN A MECHANICALLY CONTROLLED ENVIRONMENT.

**STRUCTURAL STEEL**

- ALL STEEL FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC - 9TH EDITION) MANUAL AND SPECIFICATIONS "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
- ALL WELDING SHALL BE DONE USING E-70 ELECTRODES AND IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (A.W.S.) STANDARDS AND SPECIFICATIONS ANSI/AWS D1.1-98
- BASE MATERIAL SHALL BE CORRECTLY PREHEATED BEFORE WELDING AND POST HEATED AFTER WELDING IN ACCORDANCE WITH THE ENGINEER APPROVED WELDING PROCEDURE.
- ALL STEEL SOLID ROUND LEG SHALL CONFORM TO ASTM A-572 STEEL SPECIFICATION - MIN. 50 KSI YIELD STRENGTH AND PINS SHALL CONFORM TO ASTM A-572 GR.50 STEEL SPECIFICATION - MIN. 50 KSI YIELD STRENGTH.
- ALL STEEL ANGLE, PLATE AND MISCELLANEOUS MEMBERS SHALL CONFORM TO ASTM A-572, GR.42, STEEL SPECIFICATION - MIN. 42 KSI YIELD STRENGTH, AND/OR CSA CAN3-G40.21 GRADE 44 STEEL SPECIFICATION.
- ALL STEEL CHANNEL MEMBERS SHALL CONFORM TO ASTM A-572 GR 42 SPECIFICATION MIN. 42 KSI YIELD STRENGTH, AND/OR CSA CAN3-G40.21 GRADE 44 STEEL SPECIFICATION.
- THE FINISHED DIAMETER OF BOLT HOLES SHALL NOT BE MORE THAN 1/16 INCH LARGER THAN THE NOMINAL BOLT DIAMETER UNLESS OTHERWISE NOTED.
- MATERIAL MAY BE CUT BY SHEARING, SAWING, OR CUTTING WITH A ROUTER OR GAS CUT. MATERIAL GREATER THAN 1/2" THICKNESS SHALL NOT BE SHEARED.
- CUT EDGES SHALL BE TRUE AND SMOOTH, AND FREE FROM EXCESSIVE BURRS AND RAGGED BREAKS. SHEARED EDGES OF THICK PLATES SHALL BE PLANED TO A DEPTH OF 1/4 INCH. RE-ENTRANT CUTS SHALL BE AVOIDED. IF USED, THEY SHALL BE FILLETED BY DRILLING PRIOR TO CUTTING.
- TOLERANCES AS INDICATED IN THE AISC CODE OF STANDARD PRACTICE SHALL BE CAREFULLY FOLLOWED DURING FABRICATION.
- PRIOR TO GALVANIZING ALL FABRICATED STEEL SHALL BE THOROUGHLY SHOP INSPECTED AND QUANTITIES COUNTED ACCORDING TO COMPANY APPROVED QUALITY CONTROL INSPECTION METHODS.
- ALL BOLTS, WASHERS AND NUTS SHALL CONFORM TO ASTM A125 TYPE N, 5/8" UNLESS NOTED OTHERWISE.
- BOLTS SHALL BE TIGHTENED USING THE TURN-OF-THE-NUT METHOD AS DESCRIBED IN SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR ASTM A490 BOLTS ITEM 802, EXCEPT AS NOTED OTHERWISE.
- ALL EXPOSED STEEL SHALL BE HOT-DIPPED GALVANIZED PER ASTM A123 SPECIFICATIONS AFTER FABRICATION.
- ALL STEEL HARDWARE SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153.

**GUY WIRES**

- ALL GUY WIRES SHALL BE ULTRA-HIGH STRENGTH STRAND, LEFT-HAND LAY CABLES AS DESIGNATED ON PLANS WITH FINISH MEETING ASTM A-586 SPECIFICATIONS. GUY ASSEMBLIES SHALL BE OF 100% OF GUY STRENGTH UNLESS OTHERWISE NOTED.
- GUY FITTINGS AND U-BOLTS BREAKING STRENGTH SHALL EQUAL THE BREAKING STRENGTH OF THE BRIDGE STRAND. ALL GUY FITTINGS SHALL BE GALVANIZED PER ASTM A123.
- GROUNDING ON THE GUYS AT ANCHORS SHALL MEET MINIMUM ANSI/TIA/EIA-222-F REQUIREMENTS
- ALL ASSEMBLIES SHALL BE PRESTRESSED, PROOF-LOADED AND PAINT STRIPED. THE LOADS USED IN THIS OPERATION ARE NOT TO BE LESS THAN 50% OF THE RATED BREAKING STRENGTH OF THE STRAND. AFTER PROOF LOADING, THE LOAD SHALL BE REMOVED THEN RELOADED UP TO TENSIONS GIVEN AND LENGTHS MEASURED AND RECORDED.

**FIELD ERECTION**

- THE CREW SHOULD COMPLY WITH ALL INSTALLATION PROCEDURES, SAFEGUARDS AND MEANS AND METHODS OF CONSTRUCTION. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH OSHA REQUIREMENTS.
- MINIMUM RECOMMENDED WEATHER CONDITION THAT SHOULD BE OBSERVED TO INSURE A SAFE WORKING CONDITION SHALL BE: WIND SPEED NOT TO EXCEED 10-15 MPH. NO THUNDERSTORMS FORECASTED AND WITH TOWER STEEL TEMPERATURE BETWEEN 20°F AND 95°F (-6.7°C AND 35°C). FOLLOW ALL APPLICABLE OSHA SAFETY GUIDELINES
- ALL PRECAUTIONS AND EFFORTS SHALL BE TAKEN TO INSURE THE TOWER STABILITY DURING THE ERECTION.
- TEMPORARY GUYS, IF REQUIRED BY INSTALLATION PROCEDURE, SHALL BE REMOVED AFTER THE NEXT PERMANENT GUY WIRE HAS BEEN INSTALLED BEFORE CONTINUING TOWER ERECTION. ALL BOLTS SHALL BE INSTALLED AND TIGHTENED AS ERECTION PROGRESSES ABOVE PERMANENT GUYS.

- TOWER SHALL BE PLUMBED AND RE-TENSIONED IN CALM WEATHER. INITIAL TENSION VALUES SHOWN ON PLANS ARE FOR NORMAL TEMPERATURES FOR THE SITE

- INSTALLATION OF THE TRANSMISSION LINES SHALL BE SHOWN ON THE LAYOUT DRAWINGS AND IN ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS AND INSTALLATION INSTRUCTIONS.

- ANY STRUCTURAL MEMBER THAT HAVE DAMAGED GALVANIZED SURFACES SHALL BE CLEANED AND TOUCHED UP WITH TWO COATS OF ZINC-RICH PAINT.

- UPON COMPLETION OF ALL WORK, THE SITE SHALL BE CLEARED OF ALL DEBRIS AS REQUIRED. ANY SURPLUS MATERIALS NOT REMOVED FROM THE SITE SHALL BE NEATLY STORED IN AN AREA DESIGNATED BY THE OWNER REPRESENTATIVE.

**SPECIAL INSPECTION**

- A FIELD INSPECTOR FROM AN INDEPENDENT INSPECTION AND TESTING COMPANY SHALL BE RETAINED TO PERFORM INSPECTIONS OF THE CONCRETE, SOIL AND SOIL COMPACTION WORKS.
- THE FIELD INSPECTOR SHALL PERFORM A SITE INSPECTION OF THE FOUNDATION INSTALLATION TO ENSURE THE COMPLIANCE WITH THE DRAWINGS AND PERTINENT DOCUMENTATION. THIS SHALL INCLUDE VISUAL INSPECTION OF THE REBAR AND ANCHOR BOLTS TO CONFIRM THE QUANTITY OF REINFORCING STEEL AND CONDITION OF EXCAVATION IMMEDIATELY BEFORE THE CONCRETE INSTALLATION.
- SLUMP TEST, AIR CONTENT AND COMPRESSION TEST ON CYLINDERS SHALL BE PERFORMED FOR EVERY 50 CUBIC YARDS IN ACCORDANCE WITH ASTM C-39, C-143 STANDARDS.
- BACK FILL SHALL BE INSPECTED TO ENSURE THE RECOMMENDED 95% OF STANDARD PROCTOR DENSITY HAS BEEN ACHIEVED AS DETERMINED BY ASTM D-1557 STANDARD.
- AFTER THE COMPLETION OF SOIL AND CONCRETE WORKS THE INSPECTOR SHOULD COMPLETE A FINAL REPORT STATING THE WORK WAS IN CONFORMANCE WITH APPROVED DRAWINGS AND SPECIFICATIONS. A COPY OF THE REPORT SHALL BE SUBMITTED TO THE ENGINEER OF RECORD.
- SHOP TESTING OF WELDS AND FIELD TESTING OF BOLTS SHALL BE AS FOLLOWS:
  - ALL WELDS SHALL BE VISUALLY INSPECTED AND A MINIMUM OF 10% AT RANDOM SHALL BE MEASURED AND CHECKED USING THE MAGNETIC PARTICLE INSPECTION METHOD (MPI) IN ACCORDANCE WITH ASTM 109 FOR FINAL PASS ONLY.
  - MAGNETIC PARTICLE INSPECTION (MPI) TEST 100% OF ALL FULL PENETRATION WELDS.
  - MAGNETIC PARTICLE INSPECTION (MPI) TEST 100% OF ALL LEG SPLICE WELDS
  - BOLTS TIGHTENED BY TURN-OF-THE-NUT METHOD, SHALL BE INSPECTED IN ACCORDANCE WITH ASTM A325 REQUIREMENTS.
  - TESTS SHOULD BE PERFORMED BY A PERSON AUTHORIZED BY THE ENGINEER OF RECORD AND A COPY OF THE FINAL RESULTS SHOULD BE SUBMITTED TO HIM.

**DWG REFERENCE**




OAKVILLE, ON, CANADA St CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837 FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 GENERAL NOTES  
 1014.75 FT (AGL) RT07  
 NORFOLK, NE

DWN: BBB	CHK'D: JWF	DATE: Jan/30/2003
ENGR: E.V	ENGR APP'D:	

DRAWING NO: 07-NKHS-N01-01	REV: 1
-------------------------------	-----------

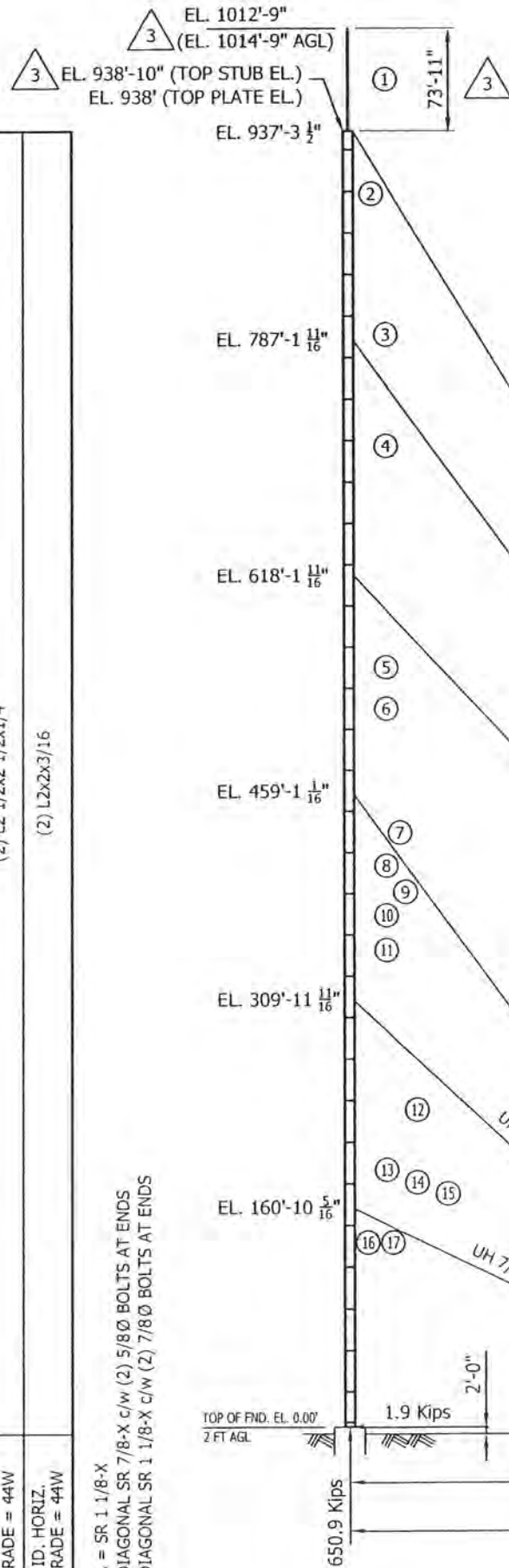
Feb/25/2003 3:44:05 PM



DESIGN SPECIFICATION: EIA-222-F  
 BASIC WIND SPEED: 85.0 mph  
 RADIAL ICE: 0.5 in

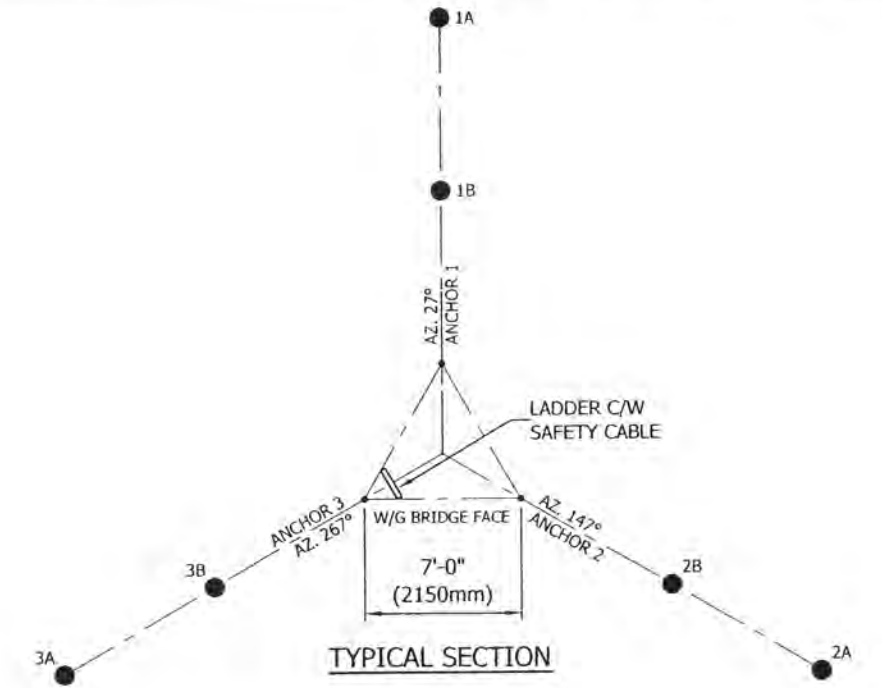
SECTION NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
LEGS GRADE = 4572 gr/50	SR 3 3/4																															
DIAGONALS GRADE = 4572 gr/50	SR 0 7/8-X																															
HORIZONTALS GRADE = 44W	SR 0 7/8-X																															
MID. HORIZ. GRADE = 44W	(2) L2 1/2x2 1/2x1/4																															
	(2) L2x2x3/16																															

A = SR 1 1/8-X  
 DIAGONAL SR 7/8-X c/w (2) 5/8Ø BOLTS AT ENDS  
 DIAGONAL SR 1 1/8-X c/w (2) 7/8Ø BOLTS AT ENDS

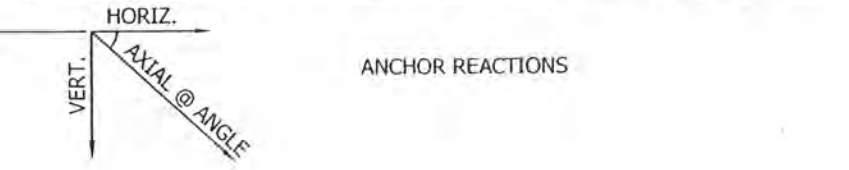


POS.	DESCRIPTION	QTY	ELEVATION	Tx LINE	QTY	AZIMUTH	COMMENTS	STATUS
1	ATW33H4-HTT2-19S (Ch 19)	1	938' (TOP)	RC6.125	1	OMNI	NETC	I
2	ALP32M3-HSOC-16	1	893'-0"	HJ11-50 (4"HELI)	1	---	NETC	I
3	DCR-C10	1	792'-0"	RC3.125	1	---	NETC	R
4	DB224	1	712'-0"	HJ8-50B (3"HELI)	1	---	NETC	R
5	SCL 210C-4	1	552'-0"	HJ8-50B (3"HELI)	1	---	HIGHWAY PATROL	R
6	PD1500-8	1	522'-0"	LDF5P-50A (7/8")	1	---	NOAA WEATHER SERVICE	R
7	ANIXTAR SH572	1	432'-0"	LDF5P-50A (7/8")	1	192°	DEP. OF ROADS + IG	R
8	DB212-4	1	408'-0"	LDF5P-50A (7/8")	1	---		R
9	DB212-4	1	389'-0"	LDF5P-50A (7/8")	1	---		R
10	DB212-4	1	372'-0"	LDF5P-50A (7/8")	1	---		R
11	DB212-4	1	347'-0"	LDF5P-50A (7/8")	1	---		R
12	ANIXTAR D948	1	232'-0"	LDF5P-50A (7/8")	1	208°	DEP. OF ROADS	R
13	SHOT GUN	2	189'-0"	LDF5P-50A (7/8")	1	98°	DEP. OF ROADS	R
14	ANIXTAR SH572	1	180'-0"	LDF5P-50A (7/8")	1	90°	DEP. OF ROADS + IG	R
15	ANIXTAR SH572	1	172'-0"	LDF5P-50A (7/8")	1	5°	DEP. OF ROADS + IG	R
16	ANIXTAR SH572	1	137'-0"	LDF5P-50A (7/8")	1	265°	DEP. OF ROADS + IG	R
17	3" long yagi (450MHz)	1	137'-0"	LDF5P-50A (7/8")	1	---	DEP. OF ROADS	R

STATUS: E-EXISTING, F-FUTURE, I-INITIAL, R-RELOCATED



ANCHOR	AZIMUTH	RADIUS	ELEV.	VERT. (Kips)	HORIZ. (Kips)	AXIAL (Kips)	ANGLE
1B	27.0°	390'-0"	-9'-10"	73.8	93.3	119.0	38.3°
2B	147.0°	390'-0"	-9'-10"	73.3	92.1	117.7	38.5°
3B	267.0°	403'-0"	-20'-4"	73.8	92.5	118.3	38.6°
1A	27.0°	664'-0"	-14'-9"	143.3	132.5	195.2	47.2°
2A	147.0°	680'-0"	-28'-6"	141.8	131.7	193.5	47.1°
3A	267.0°	690'-0"	-40'-0"	143.6	133.7	196.2	47.1°



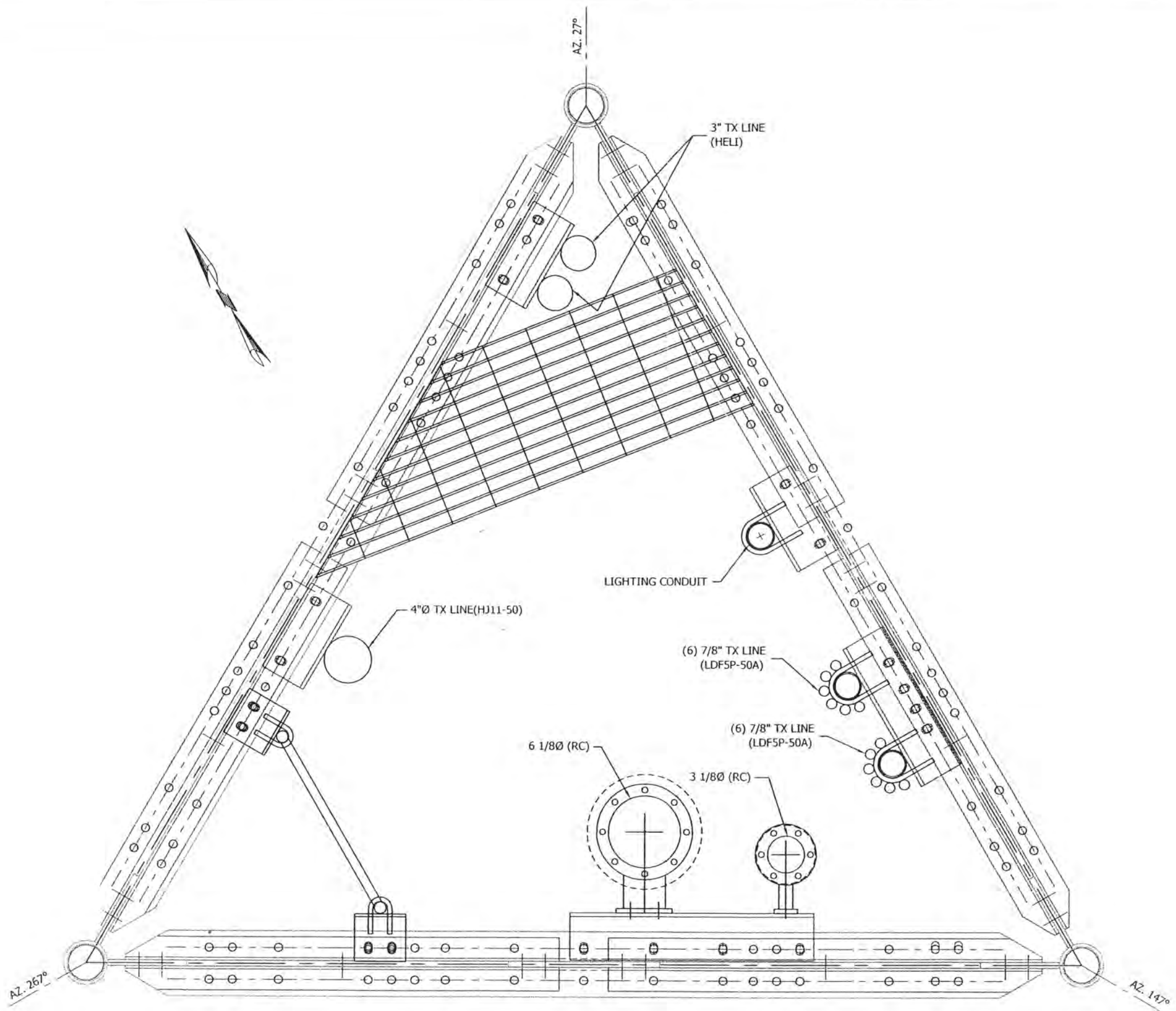
FILE NO.	0170123			
REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
1	TOP ANTENNA HEIGHT CLARIFIED. ANTENNAS 8, 9, 10, 11 ADDED. RADII AND ELEVATION OF GUY ANCHORS REVISED. DATE: Jan/31/2003	BBB	JWF	E.V
2	REVISED TOP GUY LEVEL FR 938' TO 937'-3 1/2" REVISED TOP ANTENNA ELEVATION TO 1012'-10" DATE: Feb/19/2003	SIP	AAS	E.V
3	REVISED TOP ANTENNA AGL HEIGHT FROM 1012'-0" TO 1012'-9" REVISED ANTENNA HEIGHT FROM 74' TO 73'-11" DATE: Feb/25/2003	SIP	AAS	bk

DWG REFERENCE	

**RADIAN**  
 OAKVILLE, ON, CANADA  
 TELEPHONE +1 905 844 1242  
 FACSIMILE +1 905 844 6837  
 ST CHARLES, MO, USA  
 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV DESIGN PROFILE 1014.75 FT (AGL) RT07 NORFOLK, NE			
DWN:	CHK'D:	DATE:	
BBB	JWF	Jan/24/2003	
ENG'R:	ENG'R APP'D:		
E.V			
DRAWING NO:	REV:		
07-NKHS-D01-01	3		



TYPICAL CROSS SECTION

FILE NO. 0170123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP

DWG REFERENCE


  
**RADIAN**

OAKVILLE, ON, CANADA      ST CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
[www.radiancorp.com](http://www.radiancorp.com)

Copyright - Duplication, recording, disclosure and use is prohibited

**N.E.T.V - KXNE-TV**  
**SECTION ASSEMBLY**  
**TYPICAL CROSS SECTION**  
**NORFOLK, NE**

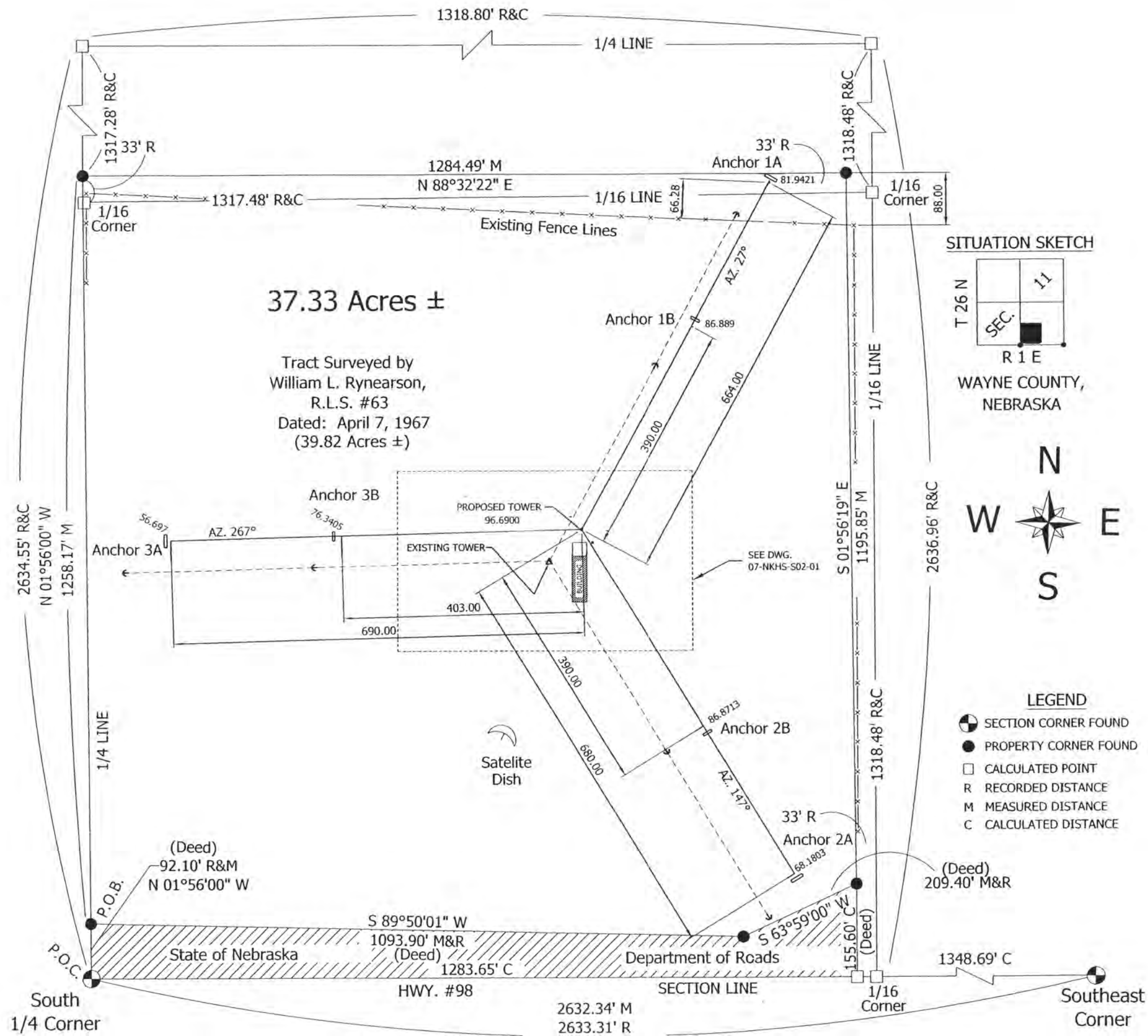
DWN: BBB	CHK'D: <i>[Signature]</i>	DATE: Feb/04/2003
ENG'R: <i>[Signature]</i>	ENG'R APP'D:	
DRAWING NO: 07-NKHS-E02-01		REV: 0

Feb/04/2003 1:24:41 PM

Erection



File:07/05/2003 10:14:55 AM



FILE NO.	0170123			
REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
DWG REFERENCE				
07-NKHS-S01-02				

**RADIAN**

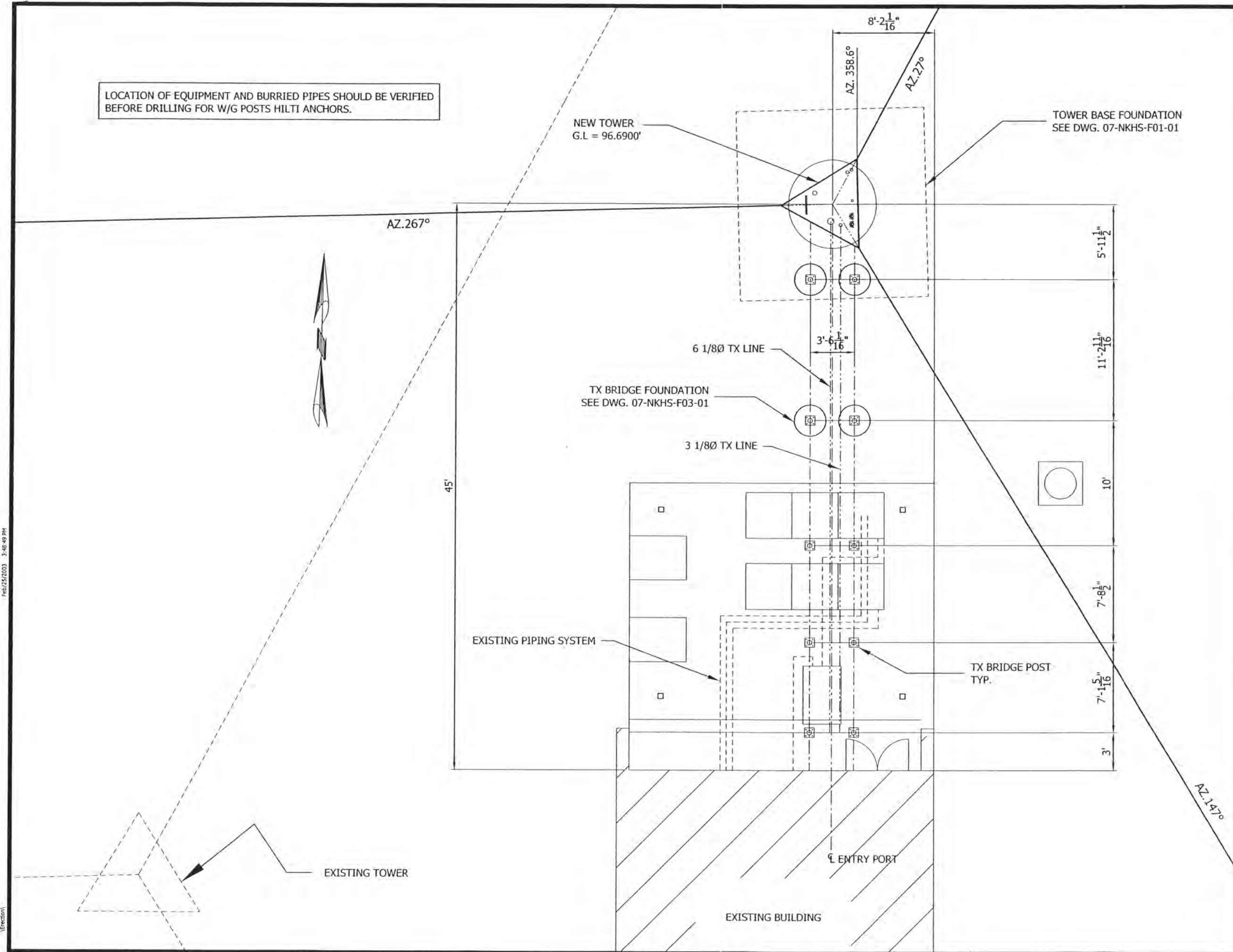
OKVILLE, ON, CANADA  
TELEPHONE +1 905 844 1242  
FACSIMILE +1 905 844 8837  
www.radiancorp.com

St CHARLES, MO, USA  
TELEPHONE +1 636 922 3250  
FACSIMILE +1 636 922 3238

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV SITE PLAN RT07 TOWER NORFOLK, NE			
DWN:	CHK'D:	DATE:	
BBB	JMC	Jan/23/2003	
ENGR:	ENGR APP'D:		
GU			
DRAWING NO:	REV:		
07-NKHS-S01-01	0		

LOCATION OF EQUIPMENT AND BURIED PIPES SHOULD BE VERIFIED BEFORE DRILLING FOR W/G POSTS HILTI ANCHORS.



FILE NO.	0170123			
REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
1	REVISED TOWER HEIGHT FROM 1014' TO 1014.75'	SIP	AA	BL
DATE: Feb/25/2003				

DWG REFERENCE	07-NKHS-S01-01

**RADIAN**

OAKVILLE, ON, CANADA  
 TELEPHONE +1 905 844 1242  
 FACSIMILE +1 905 844 8837

ST CHARLES, MO, USA  
 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 636 922 3238

www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 COMPOUND LAYOUT  
 1014.75 FT (AGL) RT07 TOWER  
 NORFOLK, NE

DWN:	CHK'D:	DATE:
BBB	JWF	Jan/24/2003

ENG'R:	ENG'R APP'D:
E.V	

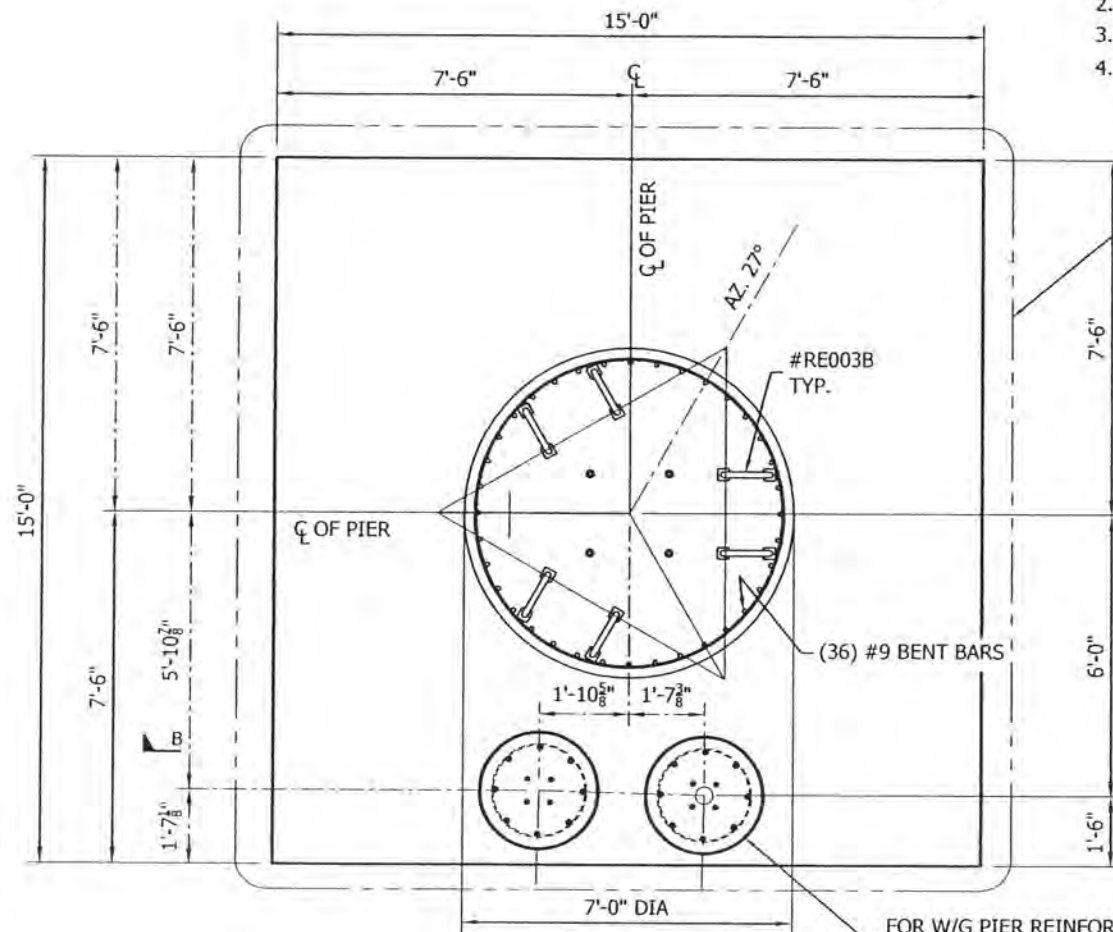
DRAWING NO:	REV:
07-NKHS-S01-02	1

Feb/25/2003 3:48:49 PM

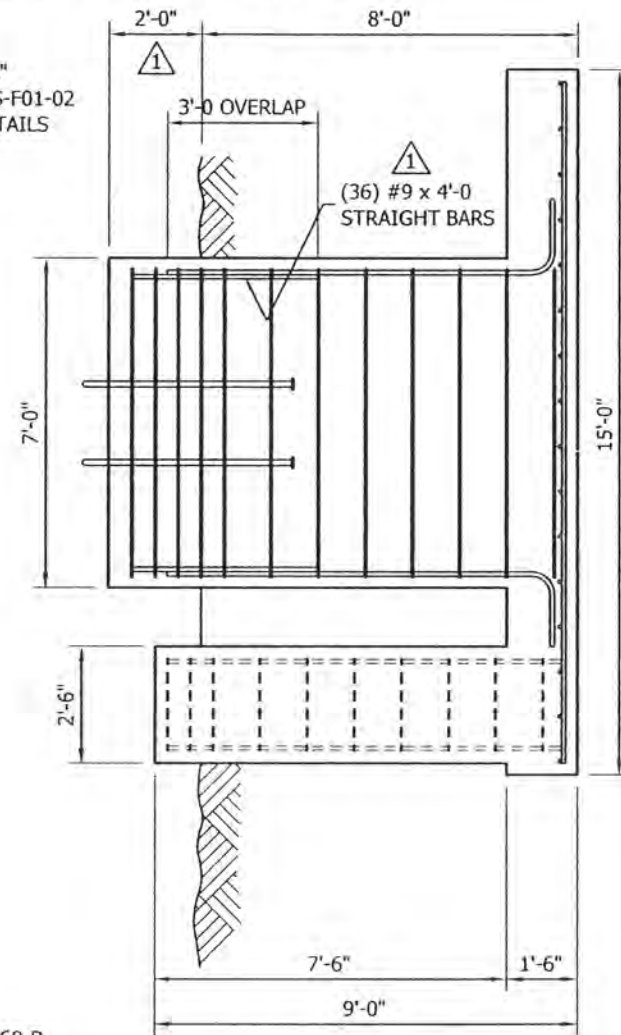
(Eradon)

**NOTES:**

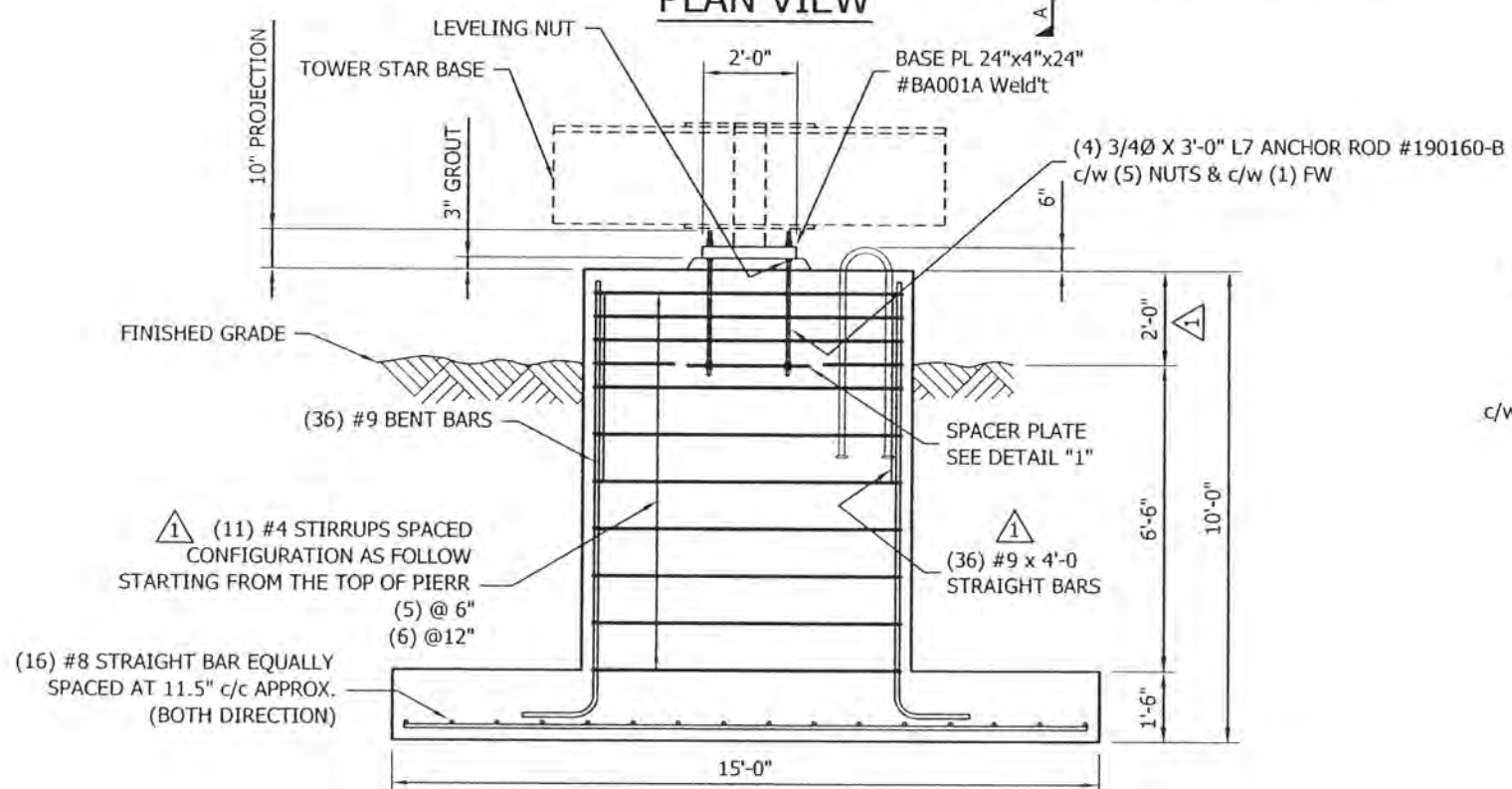
1. CONCRETE CONSTRUCTION AND REINFORCING NOTES SEE DWG. 07-NKHS-N01.
2. DESIGN SOIL BEARING CAPACITY = 3325 psf
3. FOUNDATION INSTALLATION DRAWINGS SHOULD BE INSPECTED AND APPROVED BY TERRACON.
4. GEOTECHNICAL REPORT BY TERRACON #05025149, SEPT. 12/02.



**PLAN VIEW**

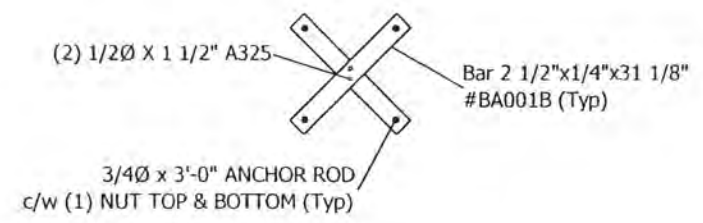


**ELEVATION VIEW B-B**



**ELEVATION VIEW B-B**

ESTIMATED VOLUME OF CONCRETE = 27.5 CU. YARDS



**DETAIL "1"**

FILE NO.	0170123		
REVISIONS			
REV.	DESCRIPTION	DWN	CHK APP
1	TOP OF TOWER BASE FOUNDATION WAS 1'-0" ABOVE FINISHED GRADE. (36) #9 STRAIGHT BARS & ADDED. CONCRETE VOL. WAS 26 CU YARDS. DATE: Feb/12/2003	BBB	JWF BY

DWG REFERENCE	
07-NKHS-F01-02	
07-NKHS-F03-01	



OAKVILLE, ON, CANADA  
 TELEPHONE +1 905 844 1242  
 FACSIMILE +1 905 844 8837  
 www.radiancorp.com

St CHARLES, MO, USA  
 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 636 922 3238

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 FOUNDATION  
 TOWER BASE  
 NORFOLK, NE

DWN:	CHK'D:	DATE:
BBB	JWF	Jan/10/2003
ENG'R:	ENG'R APP'D:	
B.K		
DRAWING NO:	REV:	
07-NKHS-F01-01	1	

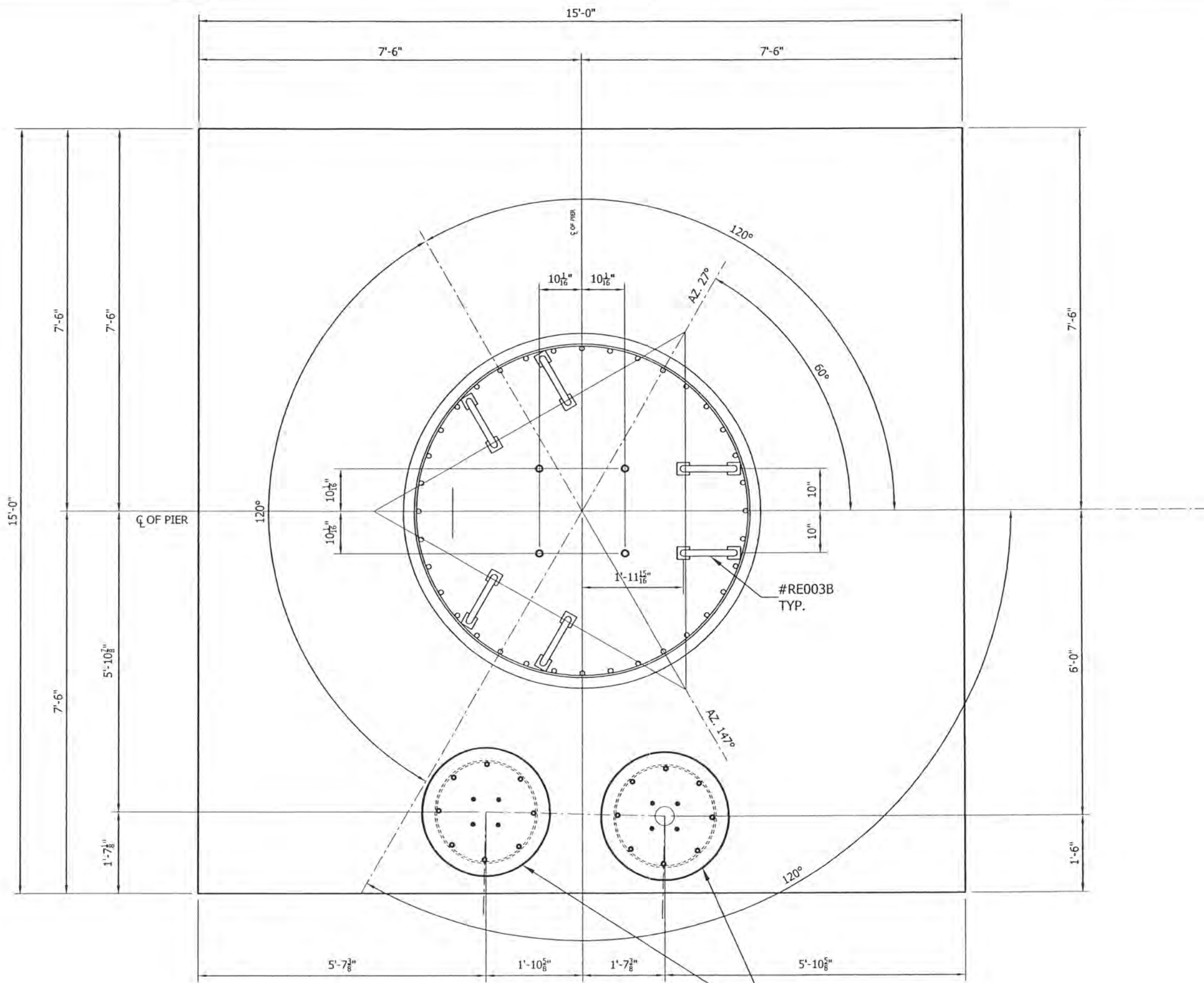
Feb/12/2003 1:28:25 PM

Erection



Feb/03/2003 9:15:12 AM

1/Erection/



DETAIL "C"

SEE DWG.07-NKHS-F03-01 FOR TYP. W/G BRIDGE PIER

FILE NO.

0170123

REVISIONS

REV	DESCRIPTION	DWN	CHK	APP

DWG REFERENCE

07-NKHS-F01-01

07-NKHS-F03-01



OAKVILLE, ON, CANADA      ST CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
FOUNDATION  
TOWER BASE  
NORFOLK, NE

DWN: BBB	CHK'D: [Signature]	DATE: Jan/31/2003
-------------	-----------------------	----------------------

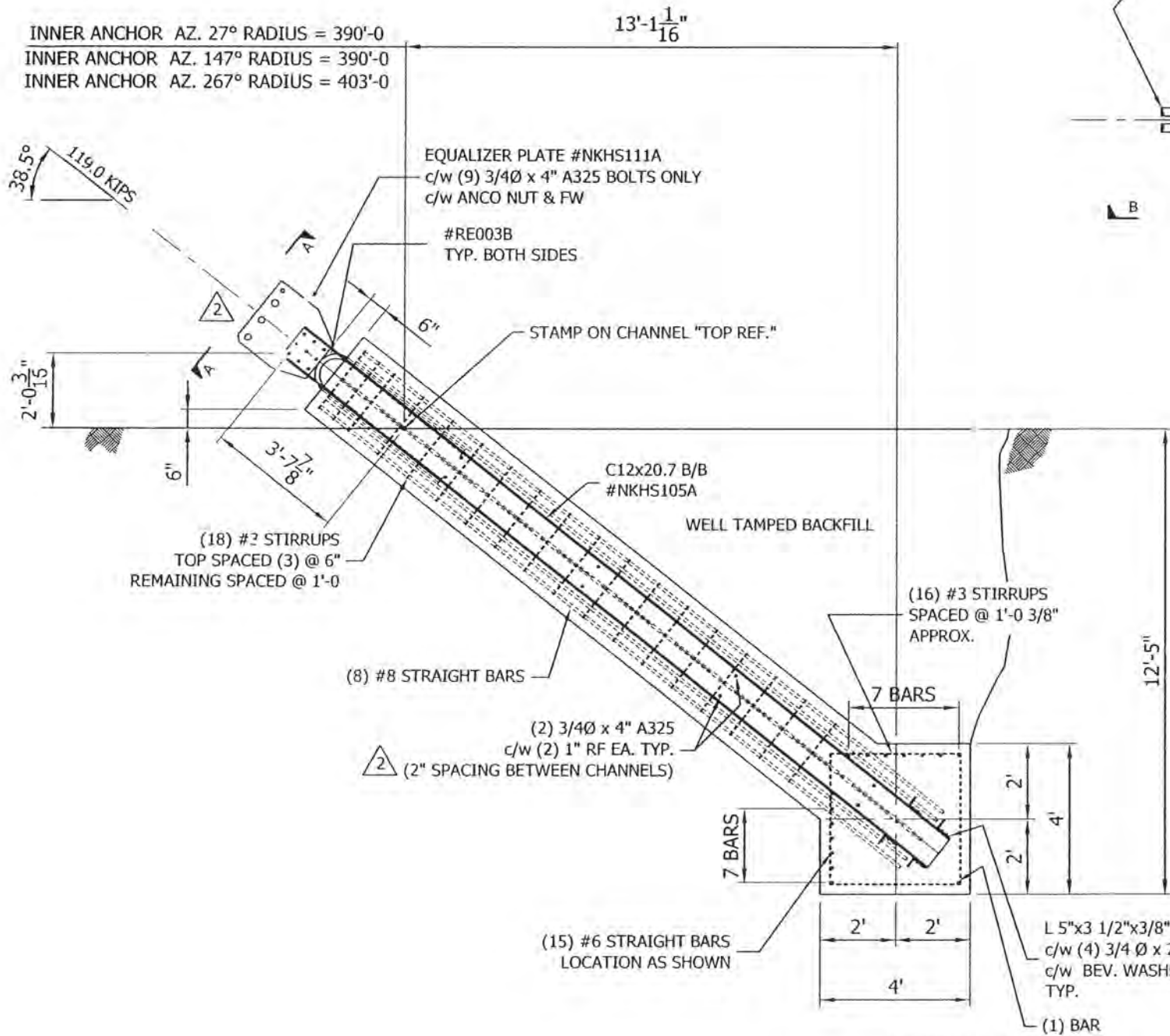
ENGR: [Signature]	ENGR APPD:
----------------------	------------

DRAWING NO: 07-NKHS-F01-02	REV: 0
-------------------------------	-----------



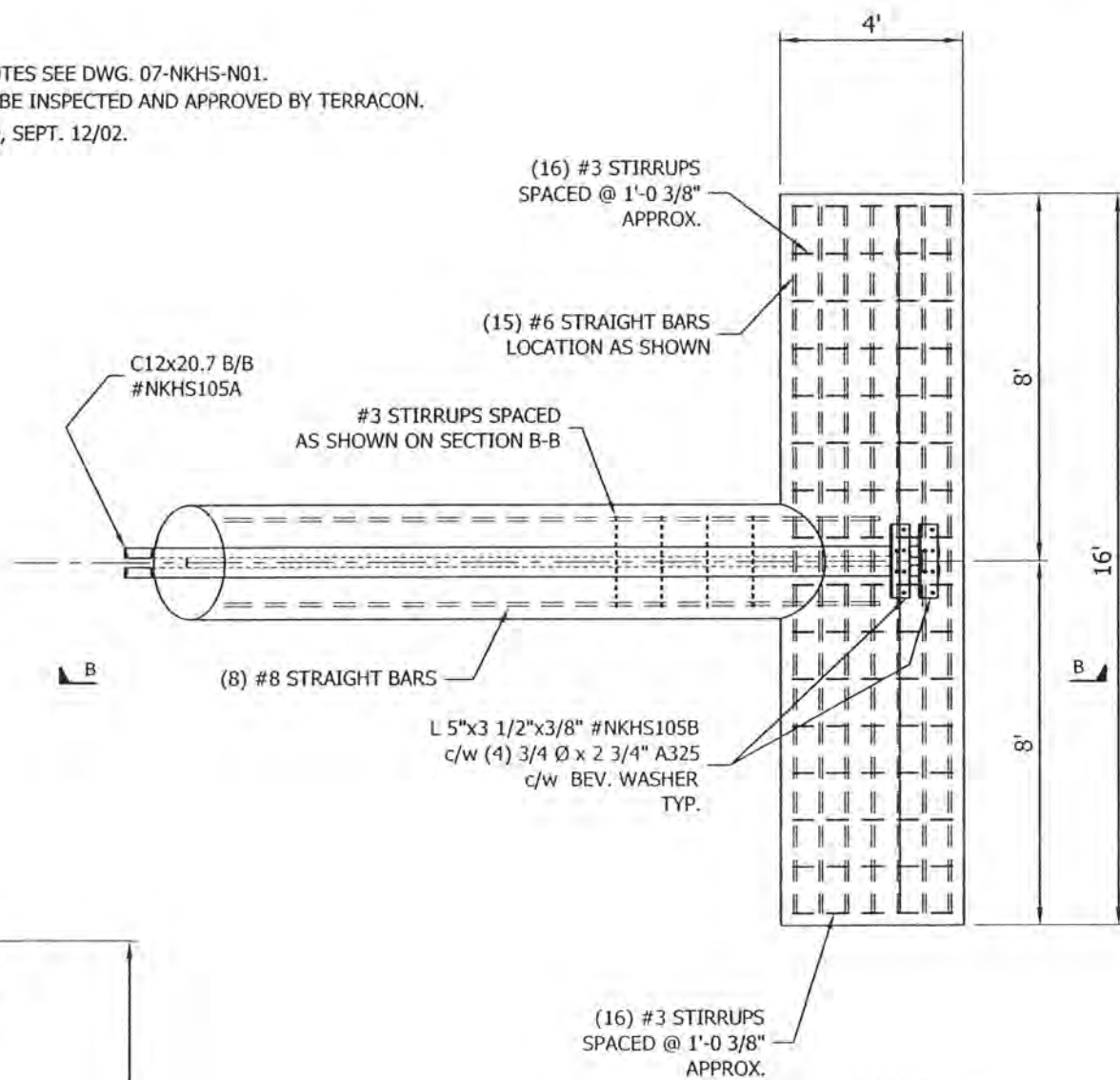
**NOTES:**

1. CONCRETE CONSTRUCTION AND REINFORCING NOTES SEE DWG. 07-NKHS-N01.
2. FOUNDATION INSTALLATION DRAWINGS SHOULD BE INSPECTED AND APPROVED BY TERRACON.
3. GEOTECHNICAL REPORT BY TERRACON #05025149, SEPT. 12/02.

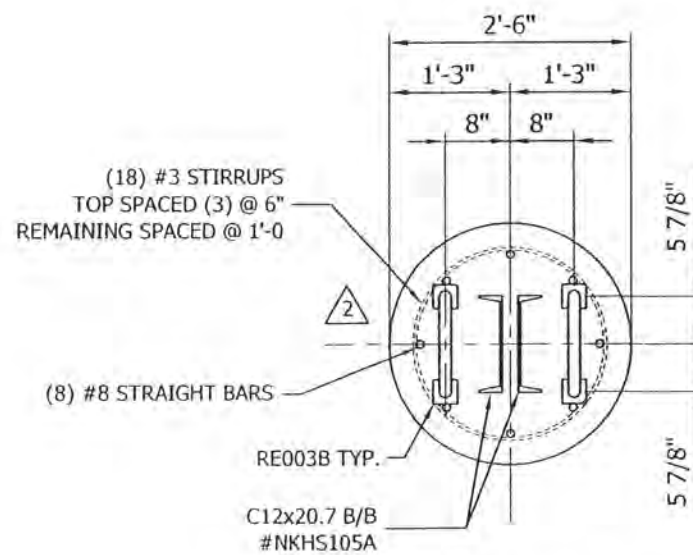


**SECTION B-B**

EST. CONCRETE VOLUME = 12.7 CU. YARDS



**PLAN VIEW**



**SECTION A-A**

FILE NO.	0170123			
REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
1	AZ. 267° WAS AZ. 247°	BBB	JWF	E.V.
DATE: Feb/13/2003				
2	ADDED EQUALIZER PLATE #NKHS111A REORIENTED SECTION A-A ADDED NOTE: (2" SPACING BETWEEN CHANNELS) DATE: Feb/18/2003	SIP	AAS	6V

DWG REFERENCE	



OAKVILLE, ON, CANADA  
TELEPHONE +1 905 844 1242  
FACSIMILE +1 905 844 8837  
www.radiancorp.com

ST CHARLES, MO, USA  
TELEPHONE +1 636 922 3250  
FACSIMILE +1 636 922 3238

Copyright - Duplication, recording, disclosure and use is prohibited

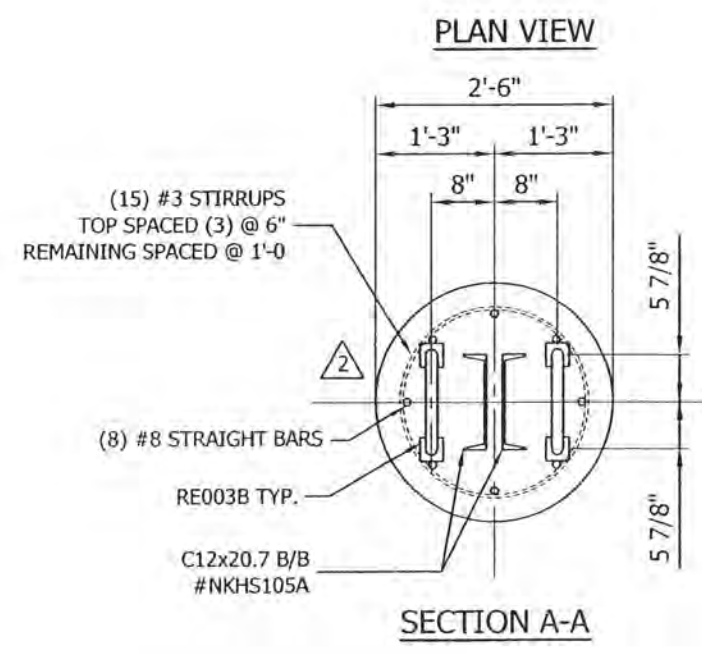
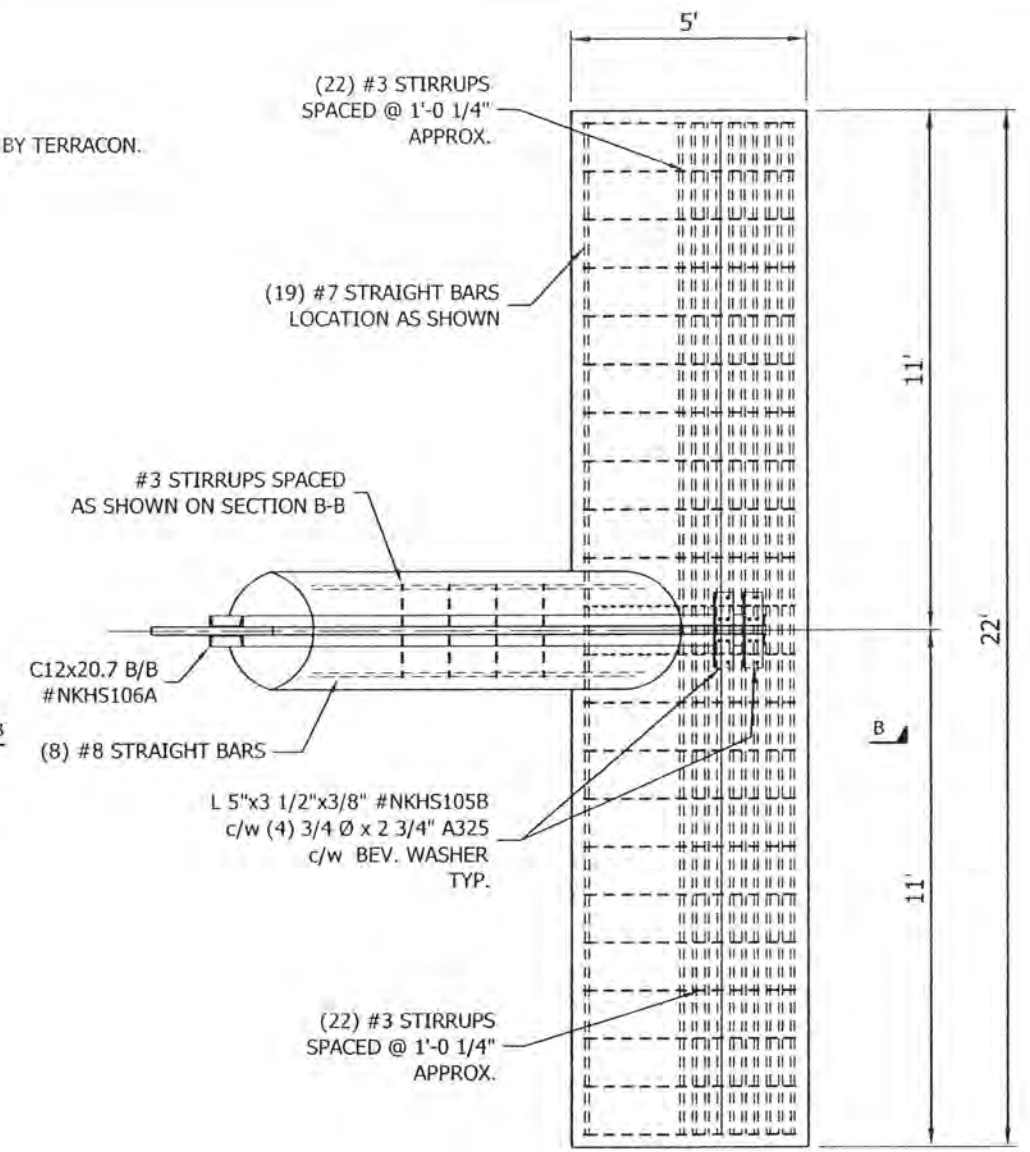
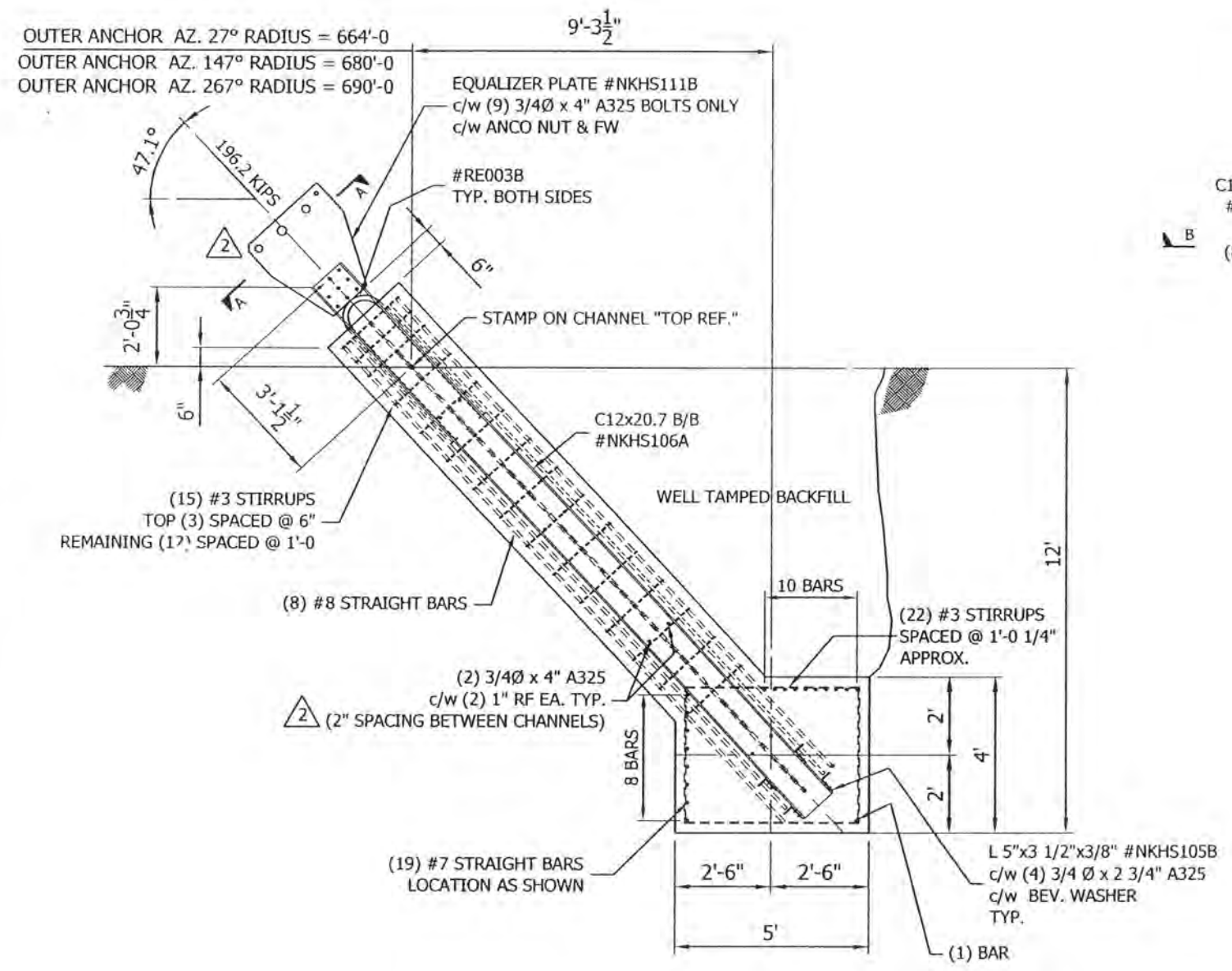
N.E.T.V - KXNE-TV  
GUY ANCHOR  
INNER ANCHOR  
NORFOLK, NE

DWN:	CHK'D:	DATE:
BBB	JWF	Jan/10/2003

ENGR:	ENGR APP'D:
B.K	

DRAWING NO:	REV:
07-NKHS-F02-01	2

- NOTES:**
1. CONCRETE CONSTRUCTION AND REINFORCING NOTES SEE DWG. 07-NKHS-N01.
  2. FOUNDATION INSTALLATION DRAWINGS SHOULD BE INSPECTED AND APPROVED BY TERRACON.
  3. GEOTECHNICAL REPORT BY TERRACON #05025149, SEPT. 12/02.



FILE NO. 0170123

REVISIONS				
REV	DESCRIPTION	DWN	CHK	APP
1	AZ. 267° WAS AZ. 247° DATE: Feb/13/2003	BBB	JWF	E.V
2	ADDED EQUALIZER PLATE #NKHS111B REORIENTED SECTION A-A ADDED NOTE: (2" SPACING BETWEEN CHANNELS) DATE: Feb/18/2003	SJP	ABJ	EW

DWG REFERENCE

**RADIAN**

OAKVILLE, ON, CANADA  
 TELEPHONE +1 905 844 1242  
 FACSIMILE +1 905 844 8837  
 www.radiancorp.com

ST CHARLES, MO, USA  
 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 636 922 3238

Copyright - Duplication, recording, disclosure and use is prohibited

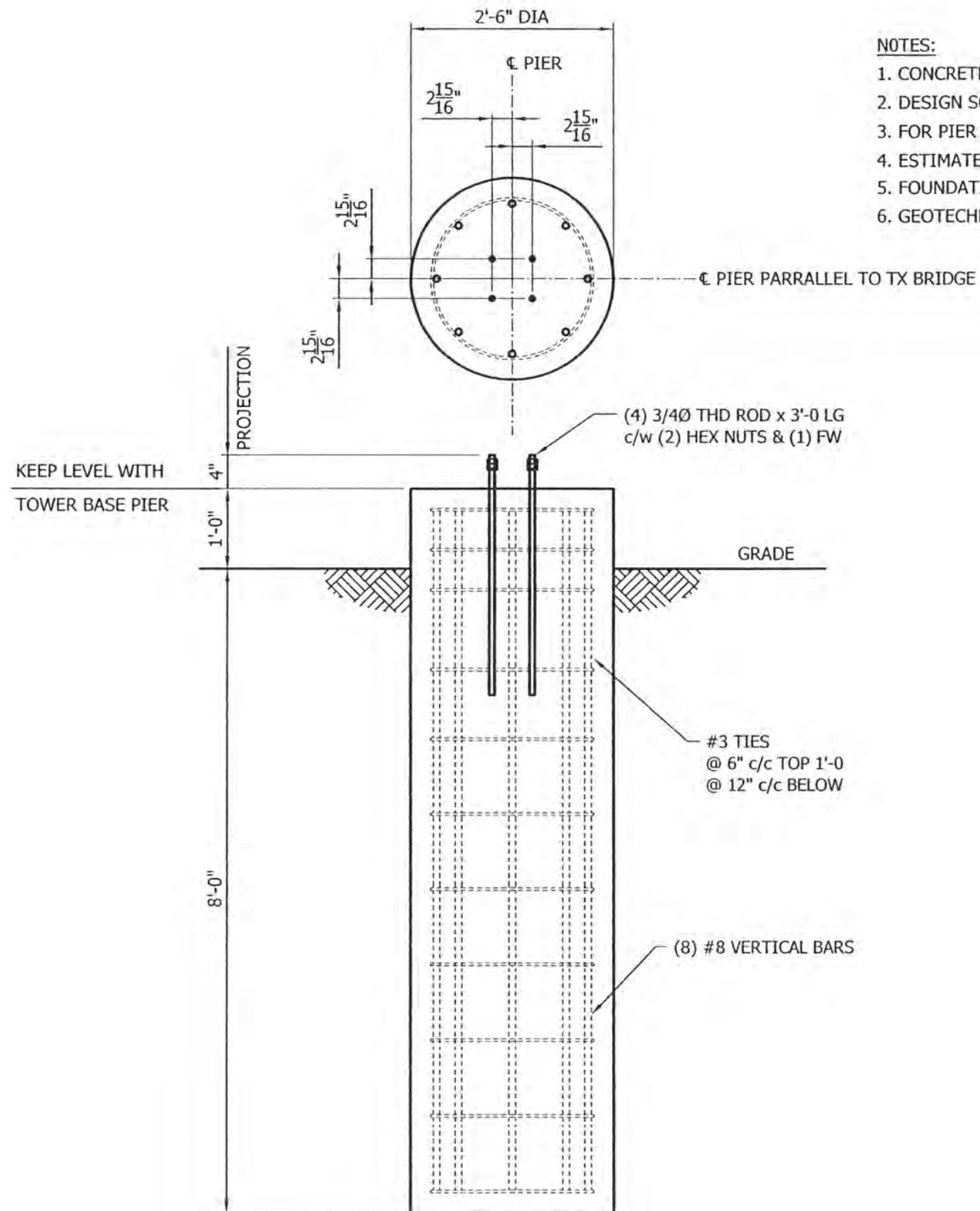
N.E.T.V - KXNE-TV GUY ANCHOR OUTER ANCHOR NORFOLK, NE		
DWN: BBB	CHK'D: JWF	DATE: Jan/27/2003
ENGR: B.K	ENGR APPD:	
DRAWING NO: 07-NKHS-F02-02		REV: 2

Feb/18/2003 3:07:13 PM

Erection

Jan/30/2003 11:51:15 AM

(Erection)



ELEVATION VIEW

NOTES:

1. CONCRETE CONSTRUCTION AND REINFORCING NOTES SEE DWG. 07-NKHS-N01.
2. DESIGN SOIL BEARING CAPACITY = 2500 psf
3. FOR PIER ORIENTATION SEE TX BRIDGE PLAN DRAWING.
4. ESTIMATED VOLUME OF CONCRETE FOR ONE PIER = 1.6 CU . YARDS
5. FOUNDATION INSTALLATION DRAWINGS SHOULD BE INSPECTED AND APPROVED BY TERRACON.
6. GEOTECHNICAL REPORT BY TERRACON #05025149, SEPT. 12/02.

FILE NO.				
0170123				
REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP

DWG REFERENCE	
07-NKHS-N01-01	



OAKVILLE, ON, CANADA      ST CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
TX BRIDGE FOUNDATION

NORFOLK, NE

DWN:	CHK'D:	DATE:
BBB	<i>Just</i>	Jan/27/2003
ENG'R:	ENG'R APP'D:	
<i>ed</i>		

DRAWING NO:	REV:
07-NKHS-F03-01	0

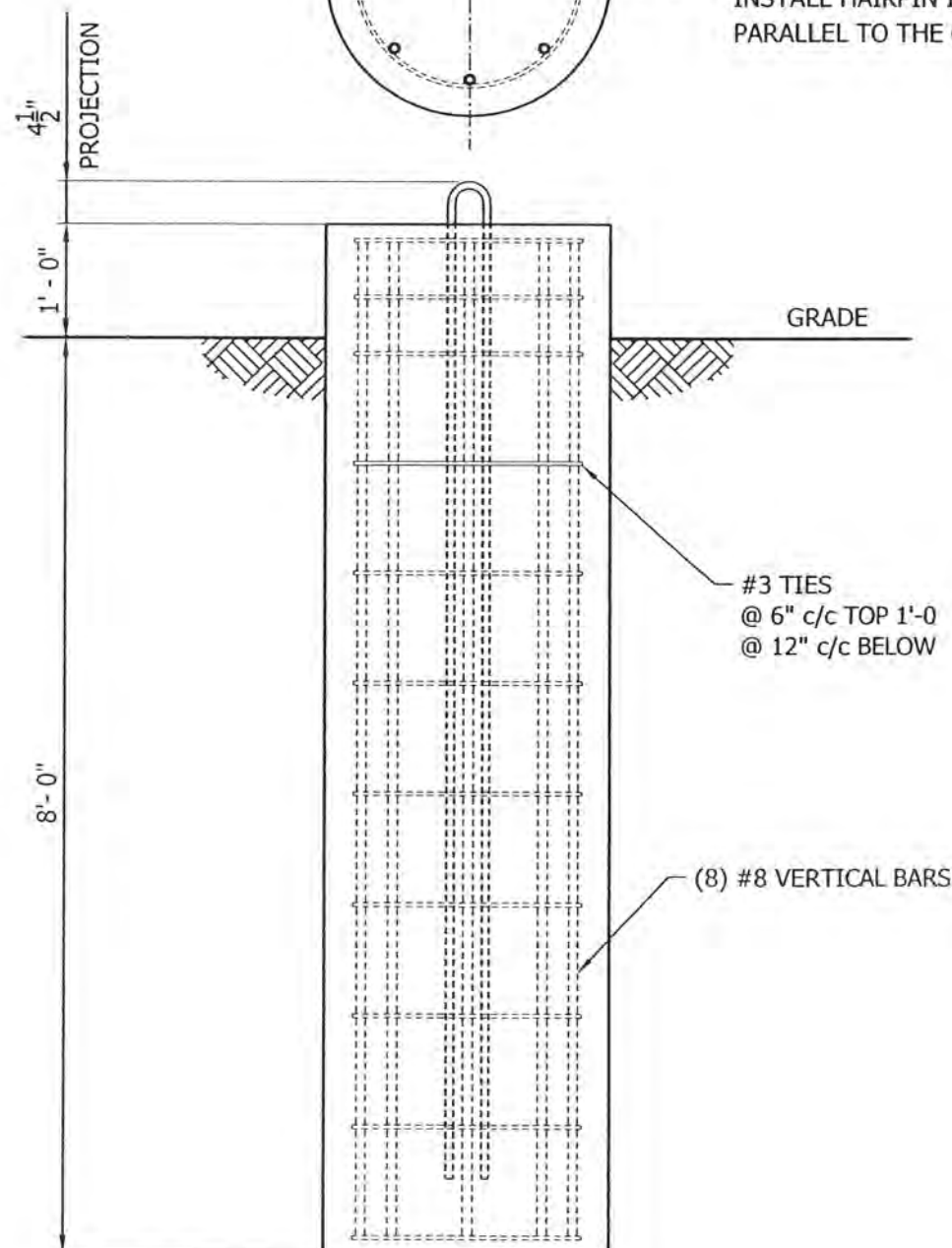
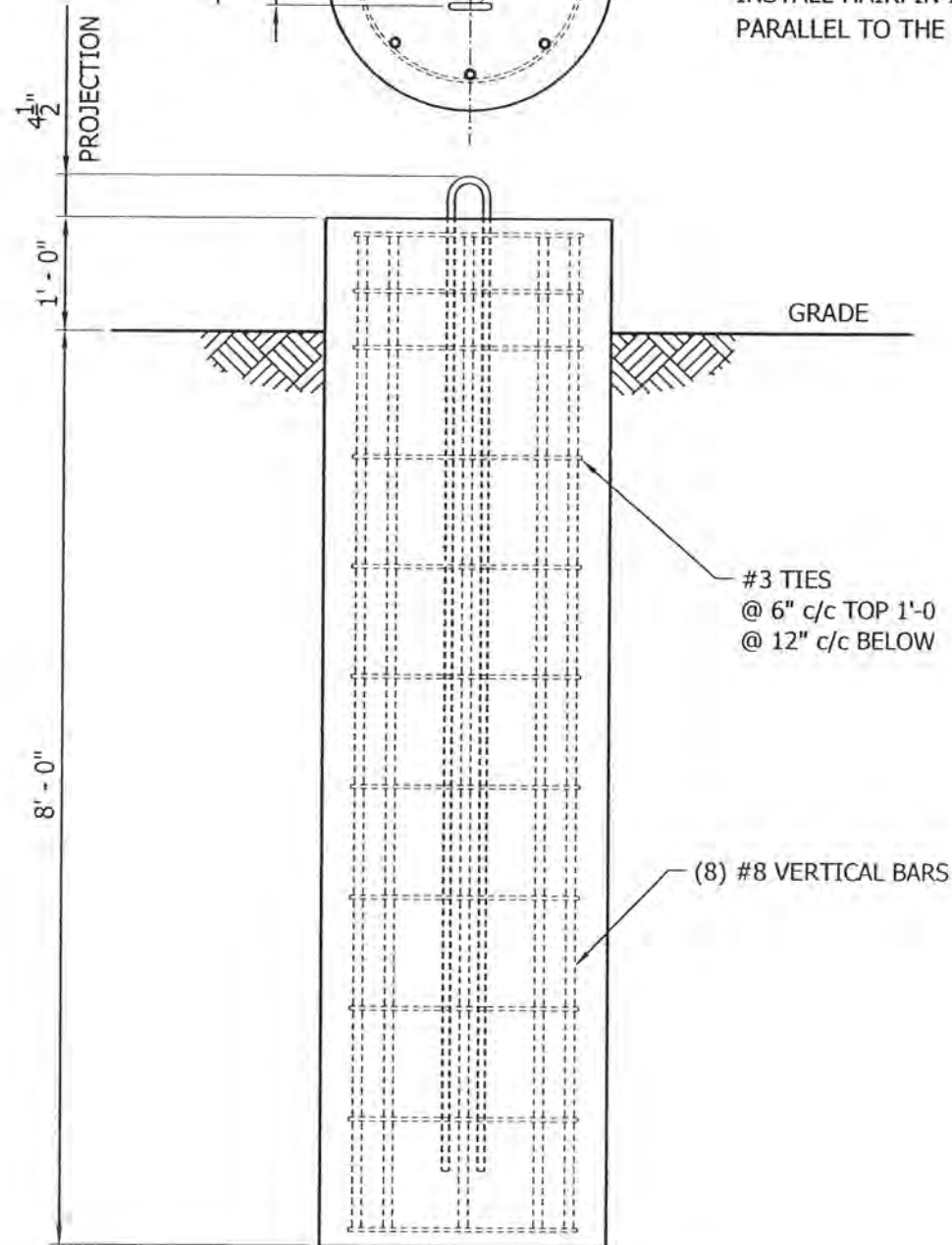
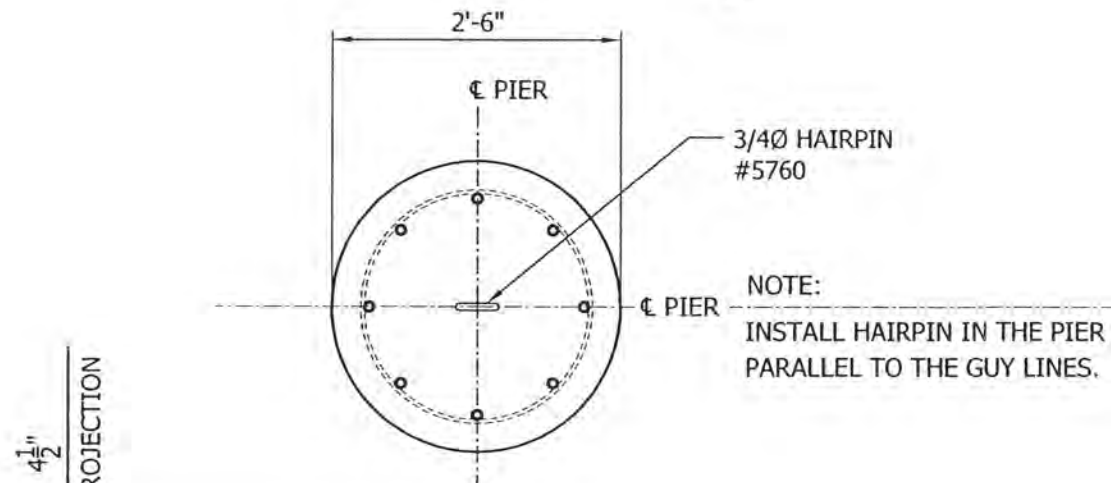
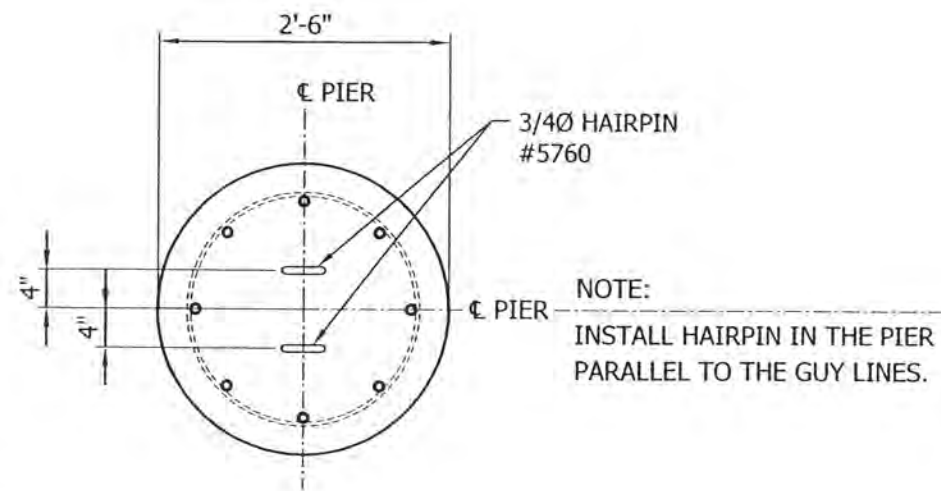


**NOTES:**

1. FOR CONCRETE CONSTRUCTION AND REINFORCING NOTES SEE DWG. 07-NKHS-N01-01.
2. DESIGN SOIL BEARING CAPACITY = 2500 psf
3. ESTIMATED VOLUME OF CONCRETE FOR ONE PIER = 1.6 CU. YARDS
4. FOUNDATION INSTALLATION DRAWINGS SHOULD BE INSPECTED AND APPROVED BY TERRACON.
5. GEOTECHNICAL REPORT BY TERRACON #05025149 SEPT. 12/02.

FILE NO. 0170123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP



**ANCHOR TYPE 'Y'**

**ANCHOR TYPE 'Z'**

DWG REFERENCE
07-NKHS-F05-01
07-NKHS-N01-01



OAKVILLE, ON, CANADA      ST CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 FOUNDATION  
 SNUBBER ANCHOR FOUNDATION  
 NORFOLK, NE

DWN: BBB      CHK'D: JWF      DATE: Jan/27/2003

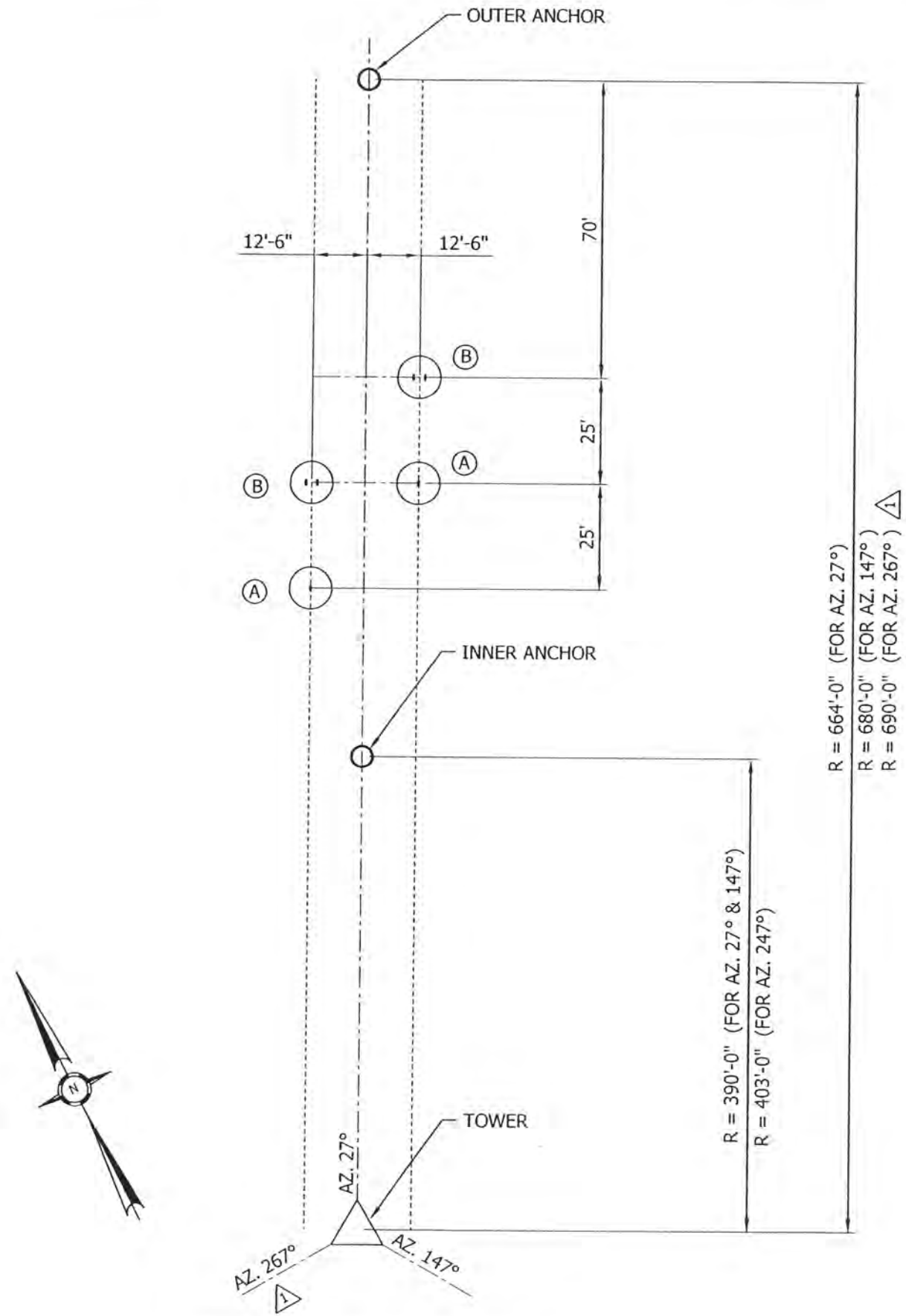
ENG'R: GV      ENG'R APP'D:

DRAWING NO: 07-NKHS-F04-01      REV: 0



Feb/13/2003 4:18:46 PM

(Erection)



**SNUBBER ANCHOR LOCATIONS**  
( TYP. FOR EACH GUY AZIMUTH)

ASSEMBLY CHART				
FND. #	GUY LEVELS	ANCHOR TYPE	HAIRPIN SIZE	COMMENTS
(A)	4	Z	(1) 3/4Ø	
(B)	5 & 6	Y	(2) 3/4Ø	

**NOTE:**  
SEE DWG. 07-NKHS-F04-01 FOR ANCHORS DETAILS TYPE "Y" AND TYPE "Z" .

FILE NO. 0170123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
1	AZ. 267° WAS AZ. 247°	BBB	JWF	G
DATE: Feb/13/2003				

DWG REFERENCE
07-NKHS-F04-01



OAKVILLE, ON, CANADA      ST CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 FOUNDATION  
 SNUBBERS LOCATION  
 NORFOLK, NE

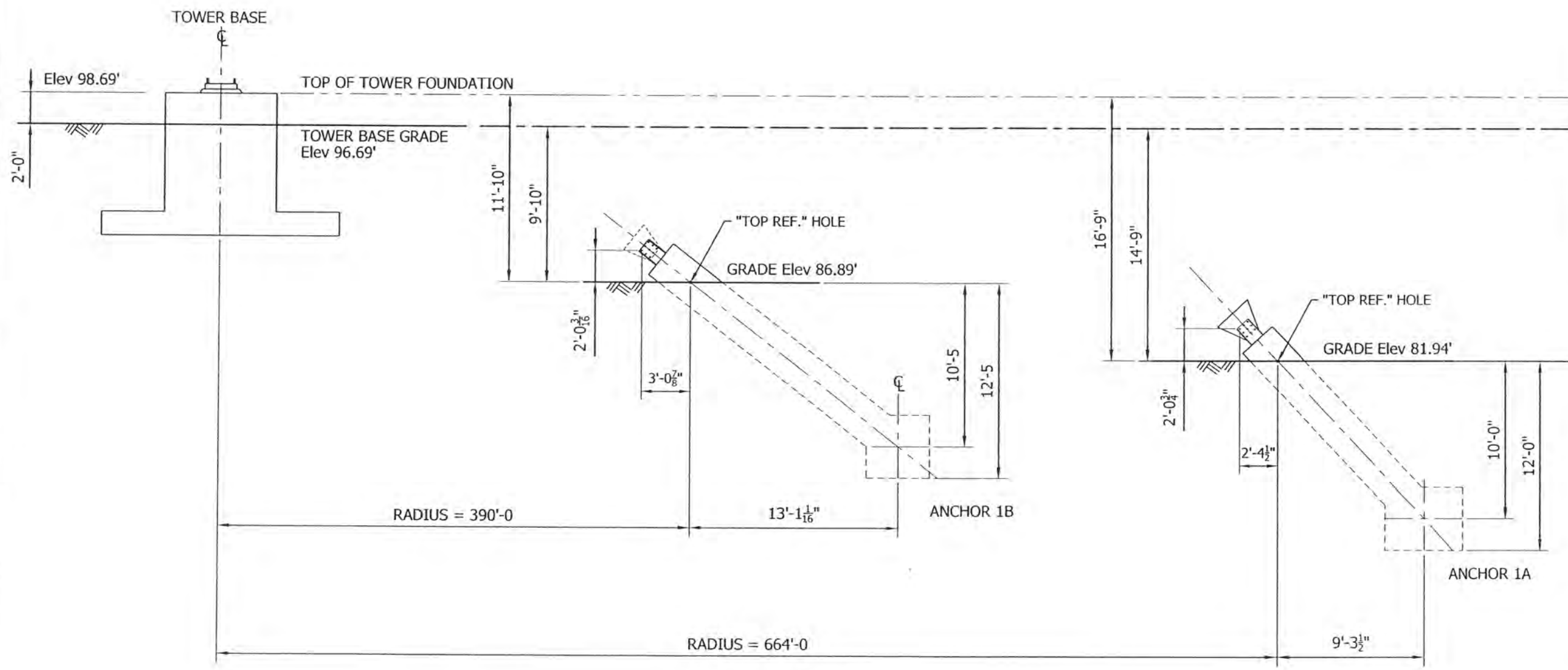
DWN: BBB	CHK'D: JWF	DATE: Jan/27/2003
ENG'R: B.K	ENG'R APP'D:	

DRAWING NO: 07-NKHS-F05-01	REV: 1
-------------------------------	-----------

FILE NO. 0170123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP

DWG REFERENCE
07-NKHS-D01-01
07-NKHS-F01-01
07-NKHS-F02-01
07-NKHS-F02-02



ANCHOR ELEVATION PROFILE AZ. 27°



OAKVILLE, ON, CANADA      ST CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 GUY ANCHOR  
 ANCHOR ELEV. PROFILE AZ. 27°  
 NORFOLK, NE

DWN: BBB      CHK'D: *[Signature]*      DATE: Feb/03/2003

ENG'R: *[Signature]*      ENG'R APP'D:

DRAWING NO: 07-NKHS-F06-01      REV: 0

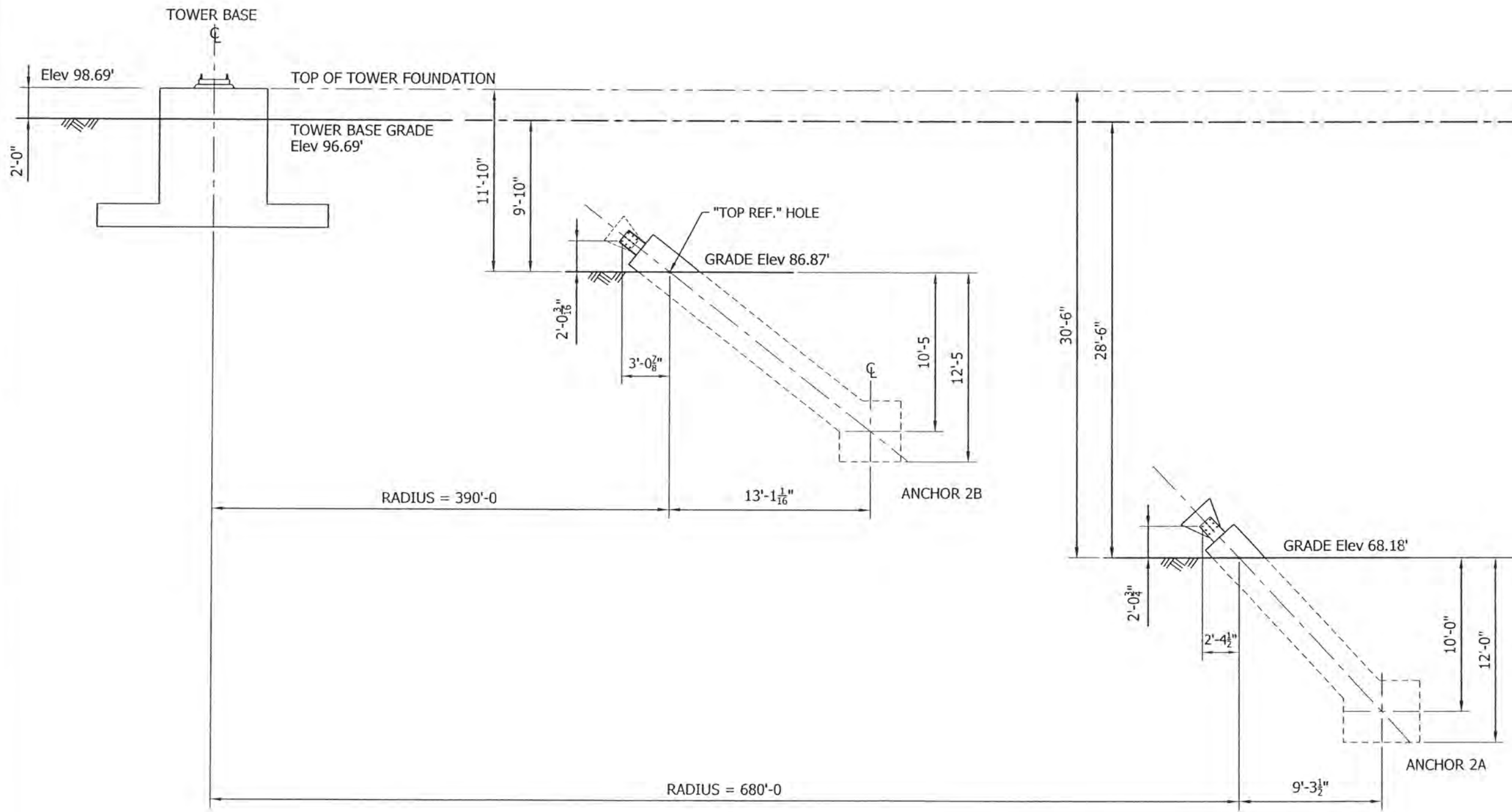
Feb/04/2003 2:15:04 PM

18radcon1

FILE NO. 0170123

REVISIONS

REV	DESCRIPTION	DWN	CHK	APP



ANCHOR ELEVATION PROFILE AZ. 147°

DWG REFERENCE

- 07-NKHS-D01-01
- 07-NKHS-F01-01
- 07-NKHS-F02-01
- 07-NKHS-F02-02



OAKVILLE, ON, CANADA      ST CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 GUY ANCHOR  
 ANCHOR ELEV. PROFILE AZ. 147°  
 NORFOLK, NE

DWN: BBB      CHK'D: [Signature]      DATE: Feb/03/2003

ENG'R: [Signature]      ENGR APPD:

DRAWING NO: 07-NKHS-F06-02      REV: 0

Feb/05/2003 10:05:16 AM

1/section1

FILE NO. 0170123

REVISIONS

REV.	DESCRIPTION	DWN	CHK	APP

DWG REFERENCE
07-NKHS-D01-01
07-NKHS-F01-01
07-NKHS-F02-01
07-NKHS-F02-02



**RADIAN**

OAKVILLE, ON, CANADA      ST CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

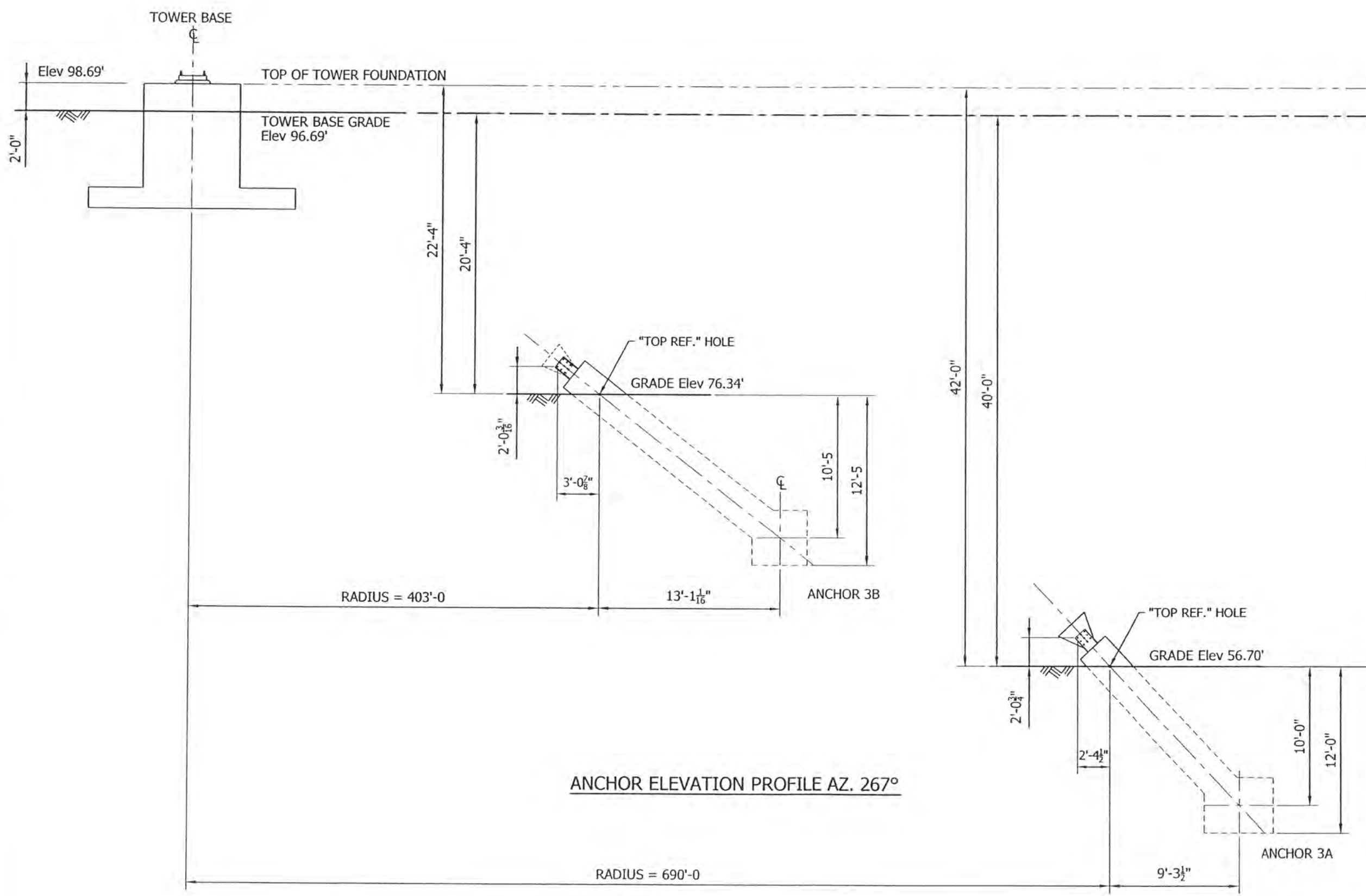
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 GUY ANCHOR  
 ANCHOR ELEV. PROFILE AZ. 267°  
 NORFOLK, NE

DWN: BBB      CHK'D: [Signature]      DATE: Feb/03/2003

ENG'R: [Signature]      ENG'R APP'D:

DRAWING NO: 07-NKHS-F06-03      REV: 0



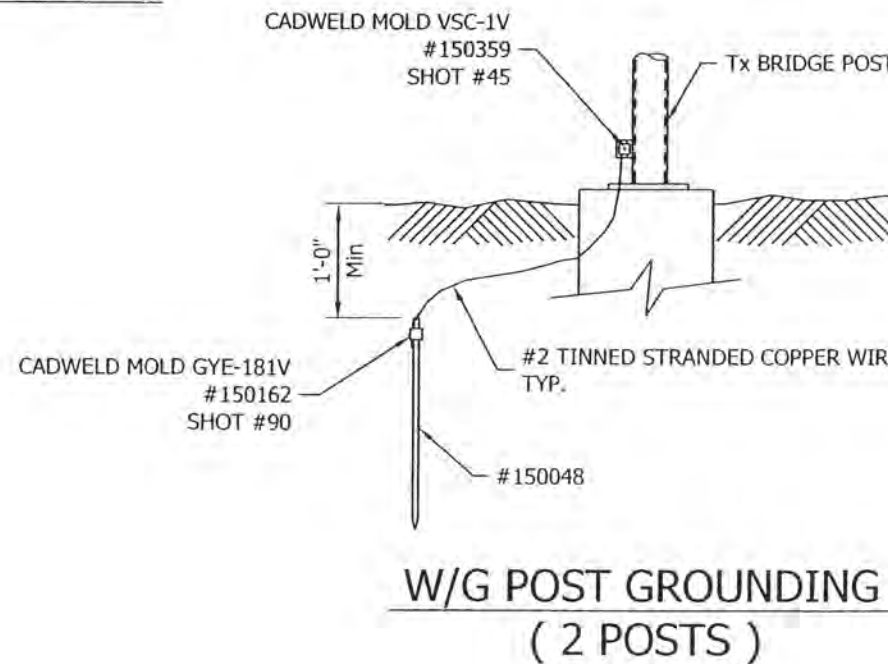
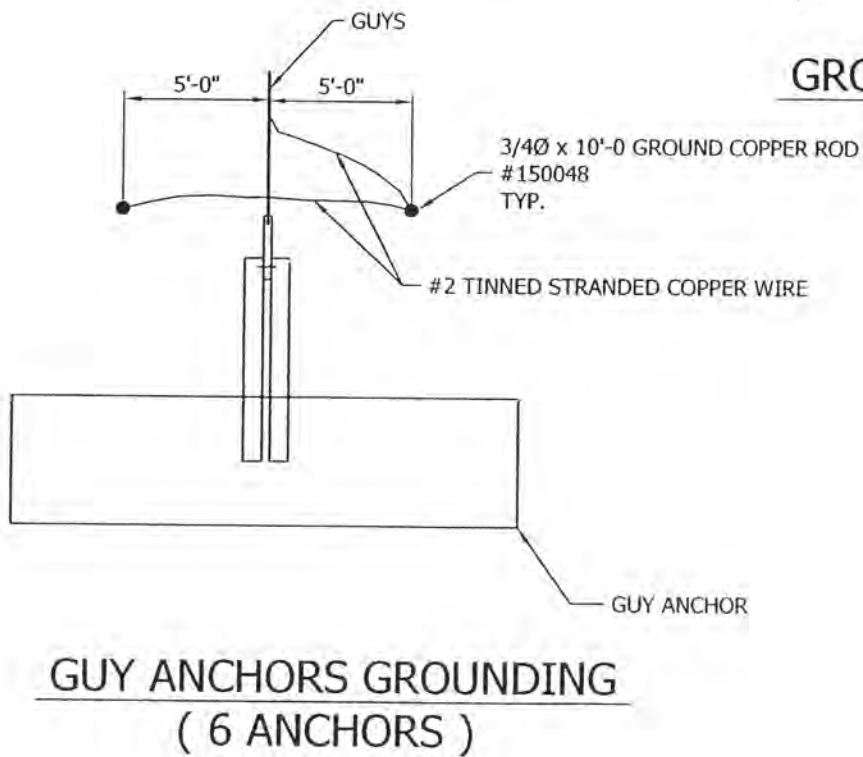
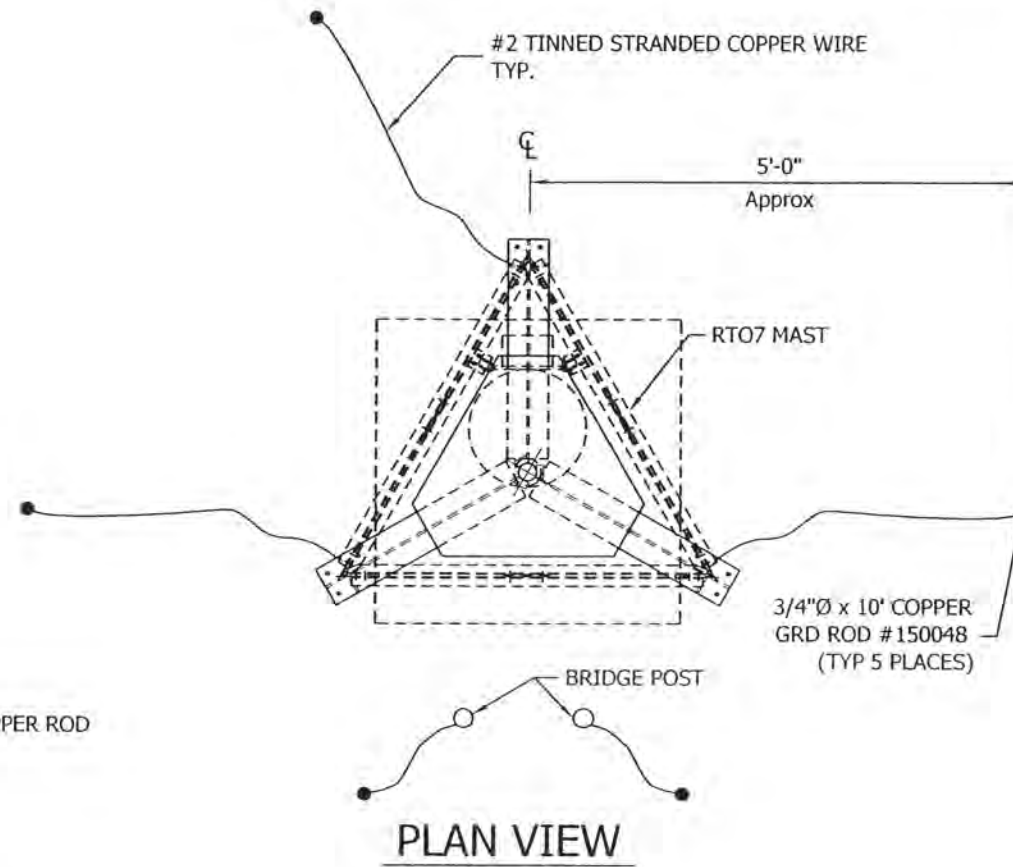
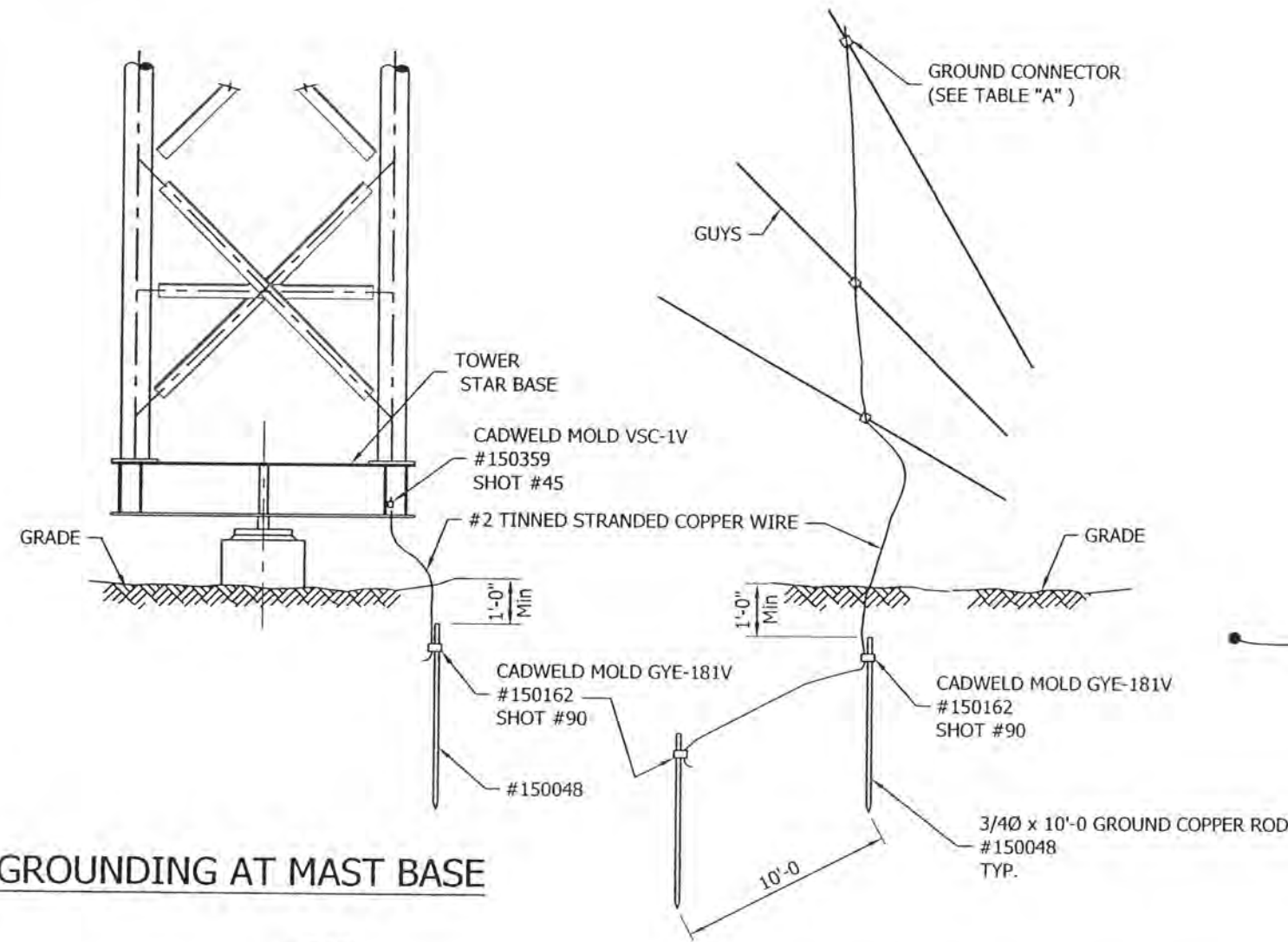
ANCHOR ELEVATION PROFILE AZ. 267°

Feb/05/2003 10:05:44 AM



REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP

GUY SIZE	BURNDY CONN.	PART NUMBER
7/8" & 1"	KVSU40	150006
1 1/16"	KVSU44	150007
1 1/4"	QPX462C	150017



DWG REFERENCE



OAKVILLE, ON, CANADA  
 TELEPHONE +1 905 844 1242  
 FACSIMILE +1 905 844 8837  
 www.radiancorp.com

St CHARLES, MO, USA  
 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 636 922 3238

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 GROUNDING  
 NORFOLK, NE

DWN: BBB	CHK'D: [Signature]	DATE: Jan/28/2003
ENGR: [Signature]	ENGR APP'D:	

DRAWING NO: 07-NKHS-E101-01	REV: 0
--------------------------------	-----------

DESIGN SPECIFICATION: EIA-222-F  
 BASIC WIND SPEED: 85.0 mph  
 RADIAL ICE: 0.5 in

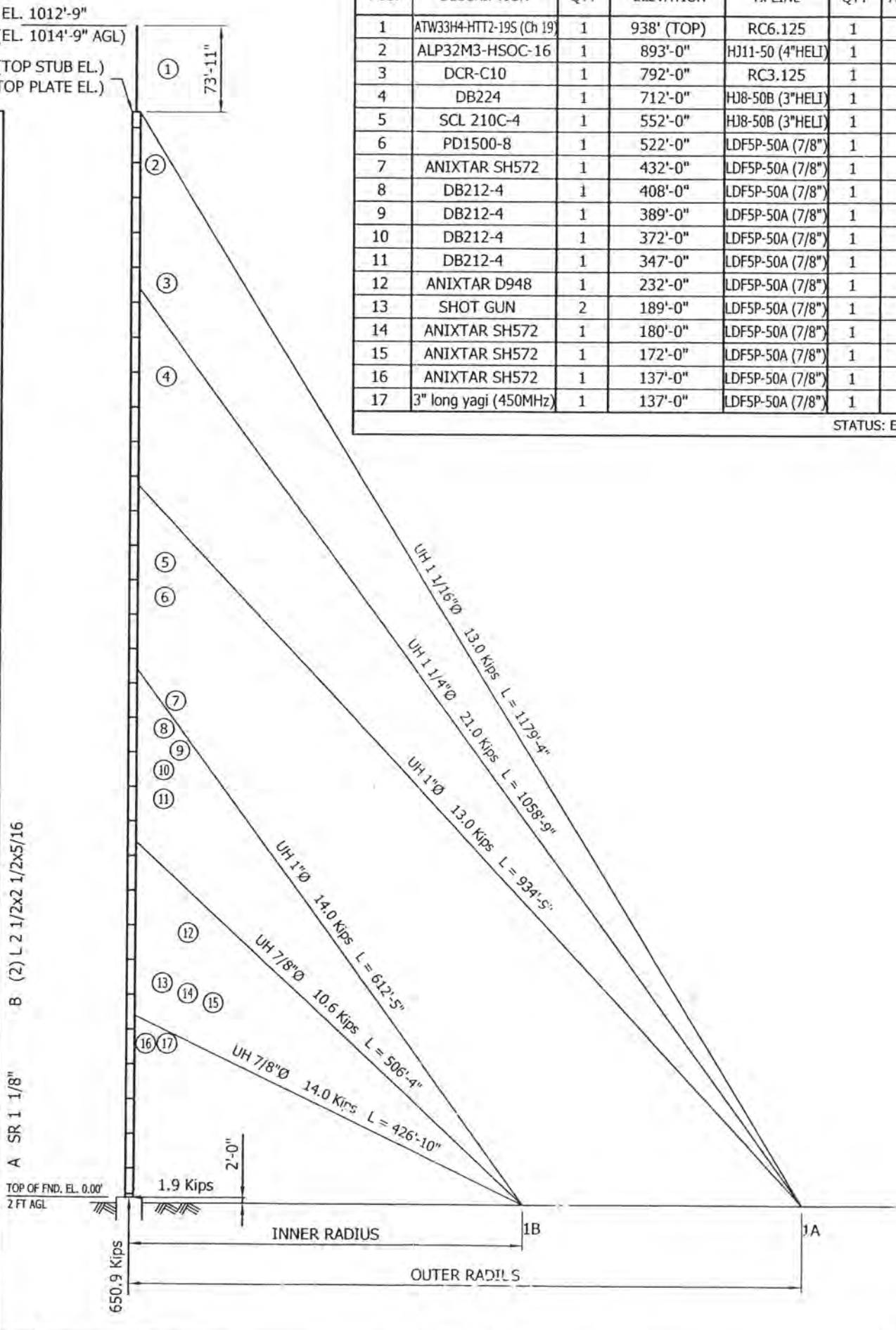
ANTENNA LOADING CHART								
POS.	DESCRIPTION	QTY	ELEVATION	Tx LINE	QTY	AZIMUTH	COMMENTS	STATUS
1	ATW33H4-HTT2-19S (Ch 19)	1	938' (TOP)	RC6.125	1	OMNI	NETC	I
2	ALP32M3-HSOC-16	1	893'-0"	HJ11-50 (4"HELI)	1	---	NETC	I
3	DCR-C10	1	792'-0"	RC3.125	1	---	NETC	R
4	DB224	1	712'-0"	HJ8-50B (3"HELI)	1	---	NETC	R
5	SCL 210C-4	1	552'-0"	HJ8-50B (3"HELI)	1	---	HIGHWAY PATROL	R
6	PD1500-8	1	522'-0"	LDF5P-50A (7/8")	1	---	NOAA WEATHER SERVICE	R
7	ANIXTAR SH572	1	432'-0"	LDF5P-50A (7/8")	1	192°	DEP. OF ROADS + IG	R
8	DB212-4	1	408'-0"	LDF5P-50A (7/8")	1	---		R
9	DB212-4	1	389'-0"	LDF5P-50A (7/8")	1	---		R
10	DB212-4	1	372'-0"	LDF5P-50A (7/8")	1	---		R
11	DB212-4	1	347'-0"	LDF5P-50A (7/8")	1	---		R
12	ANIXTAR D948	1	232'-0"	LDF5P-50A (7/8")	1	208°	DEP. OF ROADS	R
13	SHOT GUN	2	189'-0"	LDF5P-50A (7/8")	1	98°	DEP. OF ROADS	R
14	ANIXTAR SH572	1	180'-0"	LDF5P-50A (7/8")	1	90°	DEP. OF ROADS + IG	R
15	ANIXTAR SH572	1	172'-0"	LDF5P-50A (7/8")	1	5°	DEP. OF ROADS + IG	R
16	ANIXTAR SH572	1	137'-0"	LDF5P-50A (7/8")	1	265°	DEP. OF ROADS + IG	R
17	3" long yagi (450MHz)	1	137'-0"	LDF5P-50A (7/8")	1	---	DEP. OF ROADS	R

STATUS: E-EXISTING, F-FUTURE, I-INITIAL, R-RELOCATED

FILE NO. 0170123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
1	ADDED KIT# FOR STARBASE	SIP	AAS	BK
DATE: Mar/17/2003				

SECTION NO.	LEGS	DIAGONALS	HORIZONTALS	MID. HORIZ.	KIT NUMBER	GUY ELEVATION	REST PLATFORM ELEVATION	PURPOSE FOR REST PLATFORM
1	SR 3 3/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2A	EL. 160'-10 5/16"	EL. 150'-11"	(LIGHTING)
2	SR 3 3/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2	EL. 160'-10 5/16"	EL. 150'-11"	(LIGHTING)
3	SR 3 3/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2	EL. 160'-10 5/16"	EL. 150'-11"	(LIGHTING)
4	SR 3 3/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2	EL. 160'-10 5/16"	EL. 150'-11"	(LIGHTING)
5	SR 3 3/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2	EL. 160'-10 5/16"	EL. 150'-11"	(LIGHTING)
6	SR 3 3/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2	EL. 160'-10 5/16"	EL. 150'-11"	(LIGHTING)
7	SR 3 3/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2	EL. 160'-10 5/16"	EL. 150'-11"	(LIGHTING)
8	SR 3 3/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2	EL. 160'-10 5/16"	EL. 150'-11"	(LIGHTING)
9	SR 3 3/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2	EL. 160'-10 5/16"	EL. 150'-11"	(LIGHTING)
10	SR 3 1/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2	EL. 309'-11 11/16"	EL. 319'-10 15/16"	(LIGHTING)
11	SR 3 1/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2	EL. 309'-11 11/16"	EL. 319'-10 15/16"	(LIGHTING)
12	SR 3 1/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2	EL. 309'-11 11/16"	EL. 319'-10 15/16"	(LIGHTING)
13	SR 3 1/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2	EL. 309'-11 11/16"	EL. 319'-10 15/16"	(LIGHTING)
14	SR 3 1/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XH2	EL. 309'-11 11/16"	EL. 319'-10 15/16"	(LIGHTING)
15	SR 3 1/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XF2	EL. 459'-1 1/16"	EL. 469'-3/8"	(LIGHTING)
16	SR 3 1/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XF2	EL. 459'-1 1/16"	EL. 469'-3/8"	(LIGHTING)
17	SR 3 1/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XF2	EL. 459'-1 1/16"	EL. 469'-3/8"	(LIGHTING)
18	SR 3 1/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XF2	EL. 459'-1 1/16"	EL. 469'-3/8"	(LIGHTING)
19	SR 3 1/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XF2	EL. 459'-1 1/16"	EL. 469'-3/8"	(LIGHTING)
20	SR 3 1/4	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XF2	EL. 459'-1 1/16"	EL. 469'-3/8"	(LIGHTING)
21	SR 1 1/8"-X	SR 1 1/8"-X	SR 1 1/8"-X	SR 1 1/8"-X	K07XF8M514	EL. 618'-1 11/16"	EL. 628'-1"	(LIGHTING)
22	SR 1 1/8"-X	SR 1 1/8"-X	SR 1 1/8"-X	SR 1 1/8"-X	K07XF8M514	EL. 618'-1 11/16"	EL. 628'-1"	(LIGHTING)
23	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XE2	EL. 707'-7 5/16"	EL. 707'-7 5/16"	(ANTENNA)
24	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XE2	EL. 707'-7 5/16"	EL. 707'-7 5/16"	(ANTENNA)
25	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XE2	EL. 707'-7 5/16"	EL. 707'-7 5/16"	(ANTENNA)
26	SR 1 1/8"-X	SR 1 1/8"-X	SR 1 1/8"-X	SR 1 1/8"-X	K07XE8J	EL. 787'-1 11/16"	EL. 777'-2 3/8"	(ANTENNA & LIGHTING)
27	SR 1 1/8"-X	SR 1 1/8"-X	SR 1 1/8"-X	SR 1 1/8"-X	K07XE8J	EL. 787'-1 11/16"	EL. 777'-2 3/8"	(ANTENNA & LIGHTING)
28	SR 1 1/8"-X	SR 1 1/8"-X	SR 1 1/8"-X	SR 1 1/8"-X	K07XE8J	EL. 787'-1 11/16"	EL. 777'-2 3/8"	(ANTENNA & LIGHTING)
29	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XE2	EL. 886'-6 9/16"	EL. 886'-6 9/16"	(ANTENNA)
30	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XE2	EL. 886'-6 9/16"	EL. 886'-6 9/16"	(ANTENNA)
31	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XE2	EL. 886'-6 9/16"	EL. 886'-6 9/16"	(ANTENNA)
32	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	SR 7/8"-X	K07XE2	EL. 886'-6 9/16"	EL. 886'-6 9/16"	(ANTENNA)



DWG REFERENCE	

**RADIAN**

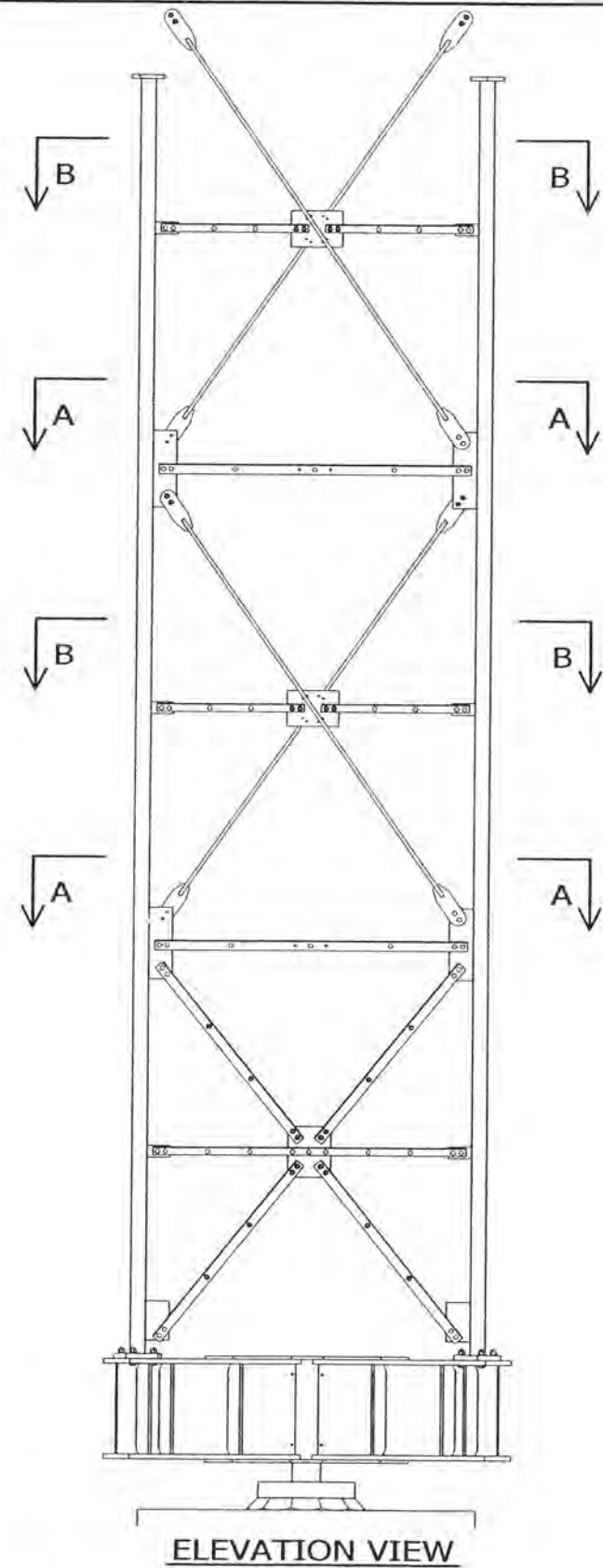
OAKVILLE, ON, CANADA      ST CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 KIT NUMBER PROFILE  
 1014.75FT (AGL) RT7 SERIES MAST  
 NORFOLK, NE

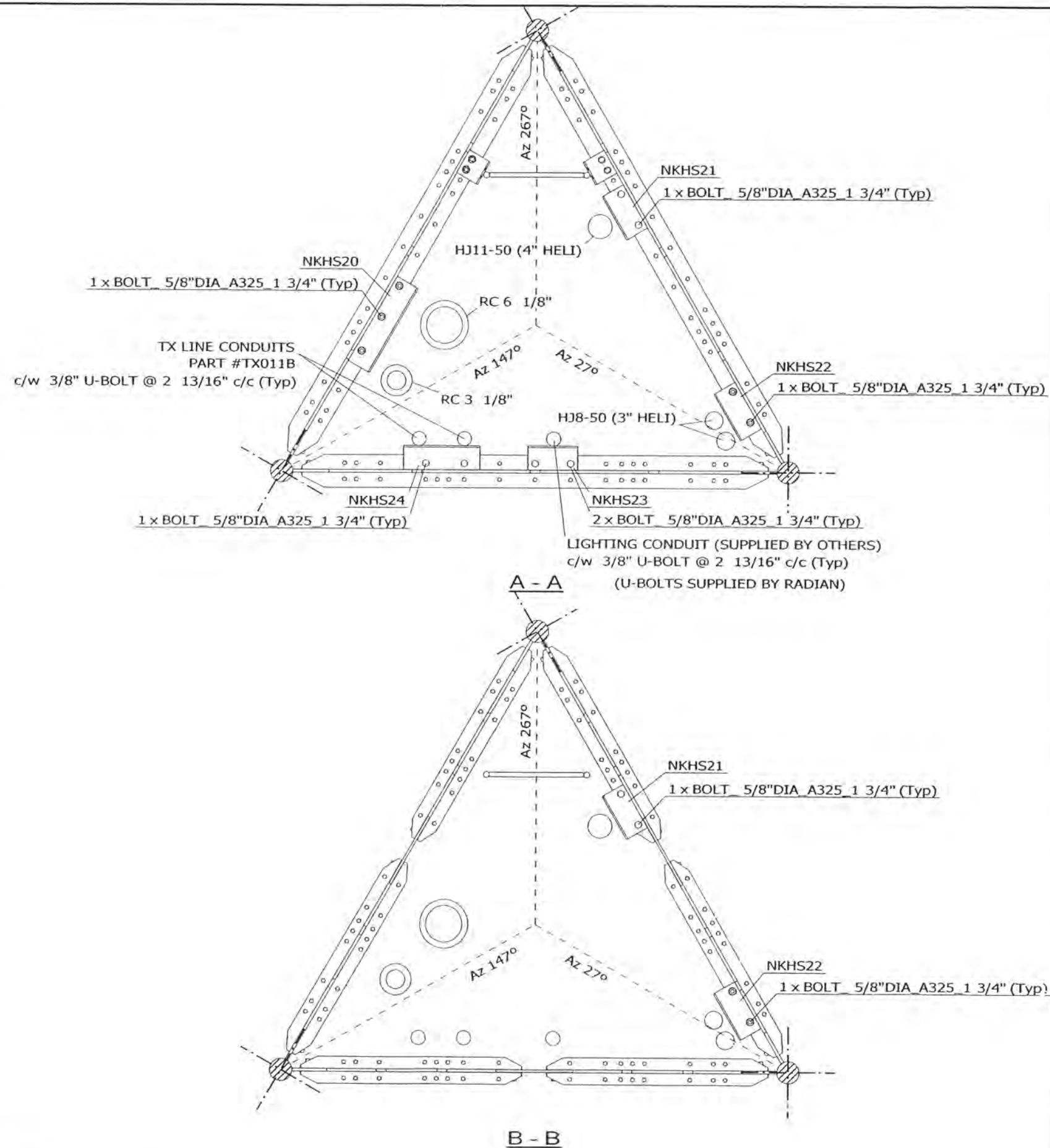
DWN: SIP	CHK'D: AAS	DATE: Feb/12/200?
ENGR: B.K	ENGR APP'D:	
DRAWING NO: 07-NKHS-D02-01		REV: 1

KIT NUMBER & REST PLATFORM LOCATION



**NOTES:**

- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
- 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
- 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
- 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
- 5) FOR ELEVATION OF TX LINES COMING OUT OF TOWER SEE Dwg 07-NKHS-E109-01 TO 04.



FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BK

DWG REFERENCE	
DWG	07-NKHS-E03-02
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

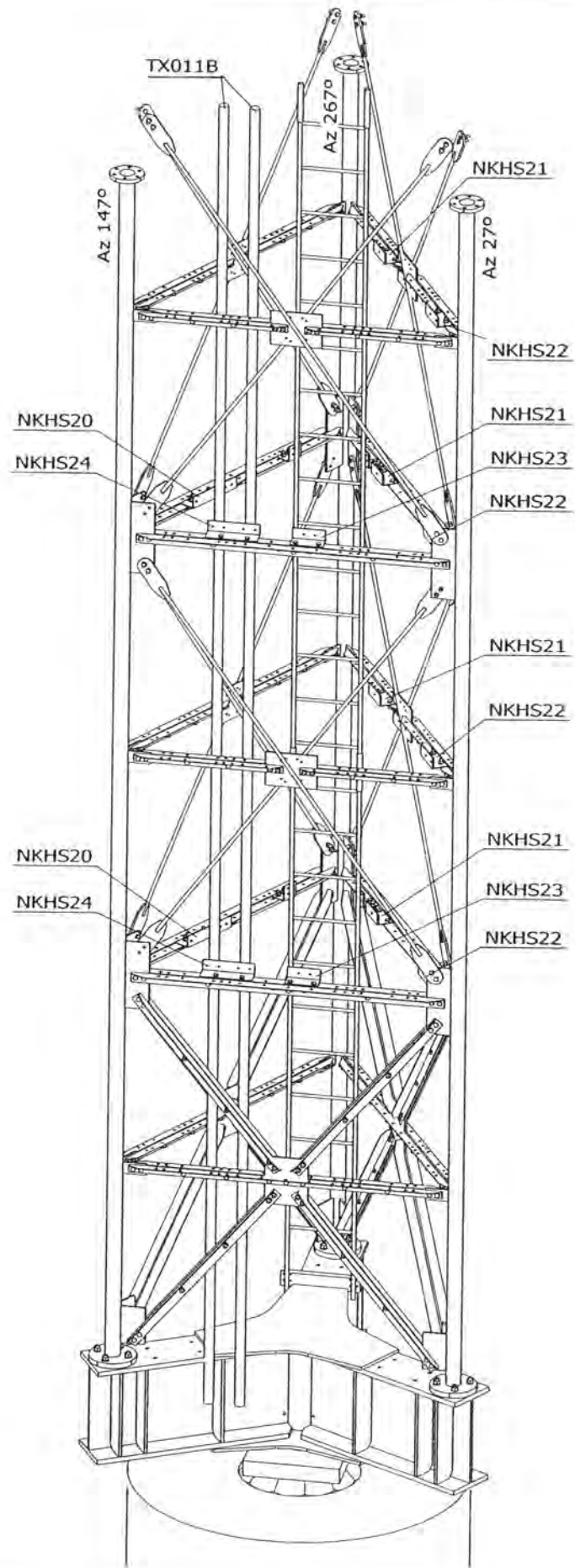
N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 BASE SECT-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 18.03.2003
-------------	---------------	---------------------

ENG'R: BK	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07-NKHS-E03-01	REV: 0
-------------------------------	-----------





FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BY

DWG REFERENCE	
DWG	07-NKHS-E03-01
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	


**RADIAN**

OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
[www.radiancorp.com](http://www.radiancorp.com)

Copyright : Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 BASE SECT-TX & LIGHTING SUPPORT  
 NORFOLK, NE

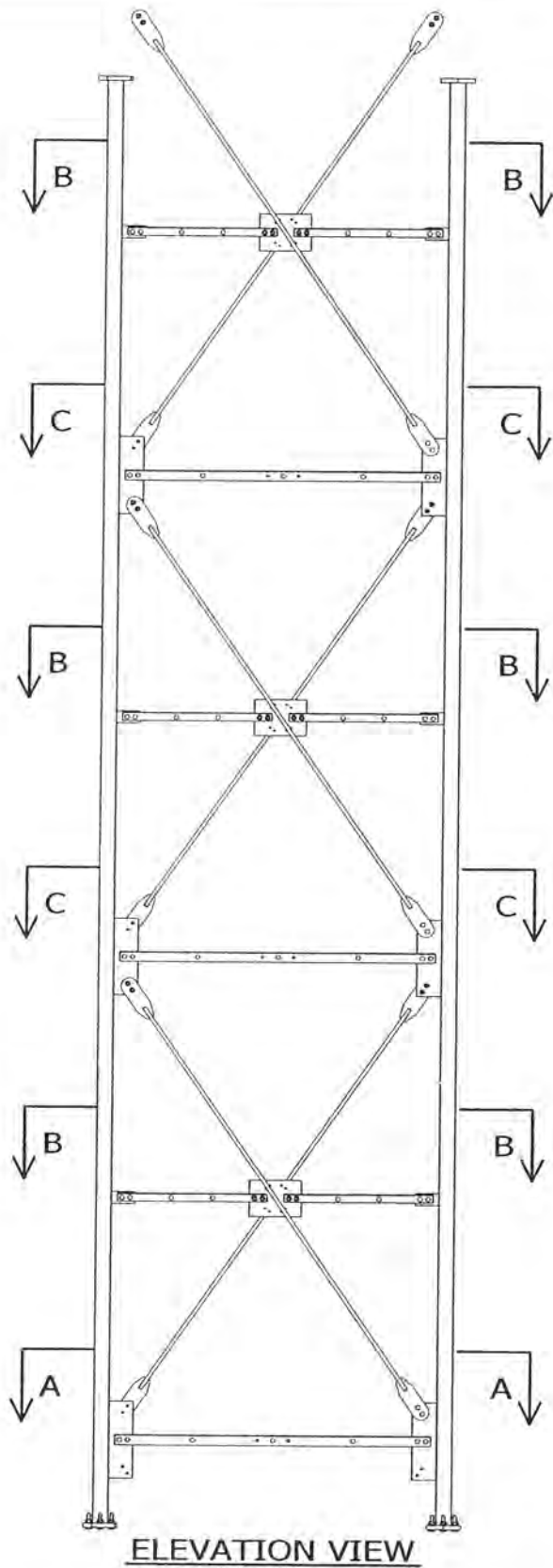
DWN:	CHK'D:	DATE:
SIP	AAS	18.03.2003

ENG'R:	ENG'R APP'D:
BK	

DRAWING NO:	REV:
07-NKHS-E03-02	0

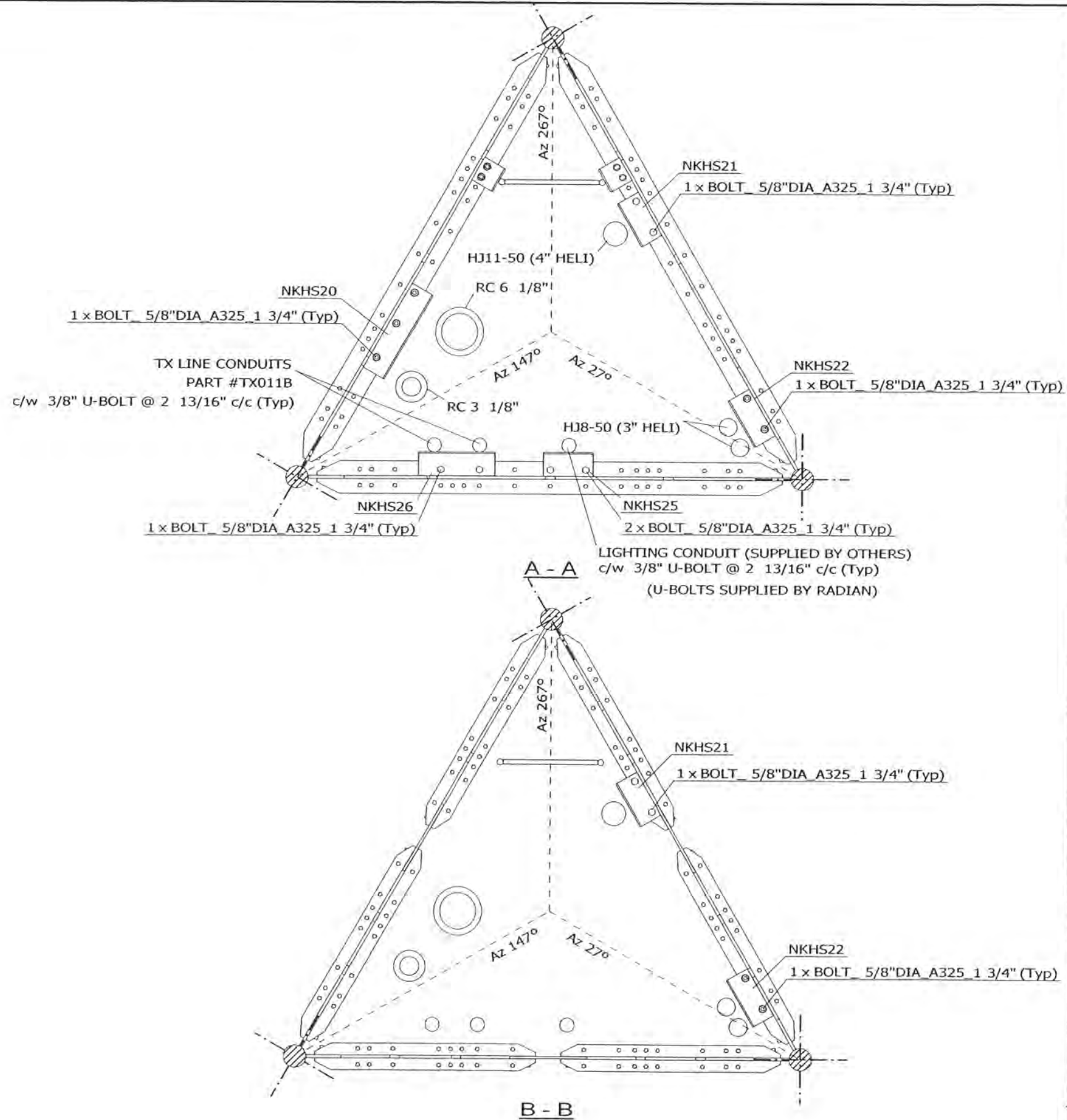
NOTES:  
 1) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.





**ELEVATION VIEW**

- NOTES:
- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
  - 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
  - 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
  - 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
  - 5) FOR SECT C-C SEE Dwg 07-NKHS-E04-02.



FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BK

DWG REFERENCE	
DWG	07-NKHS-E04-02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 6837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

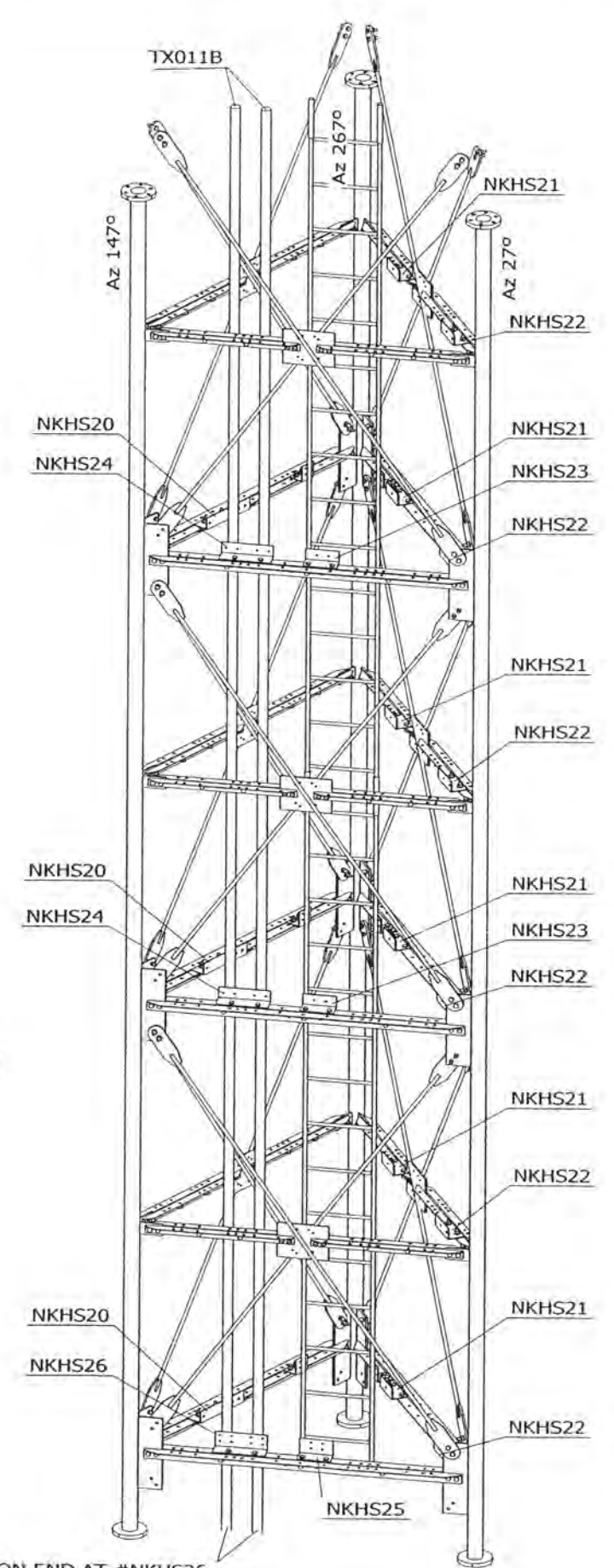
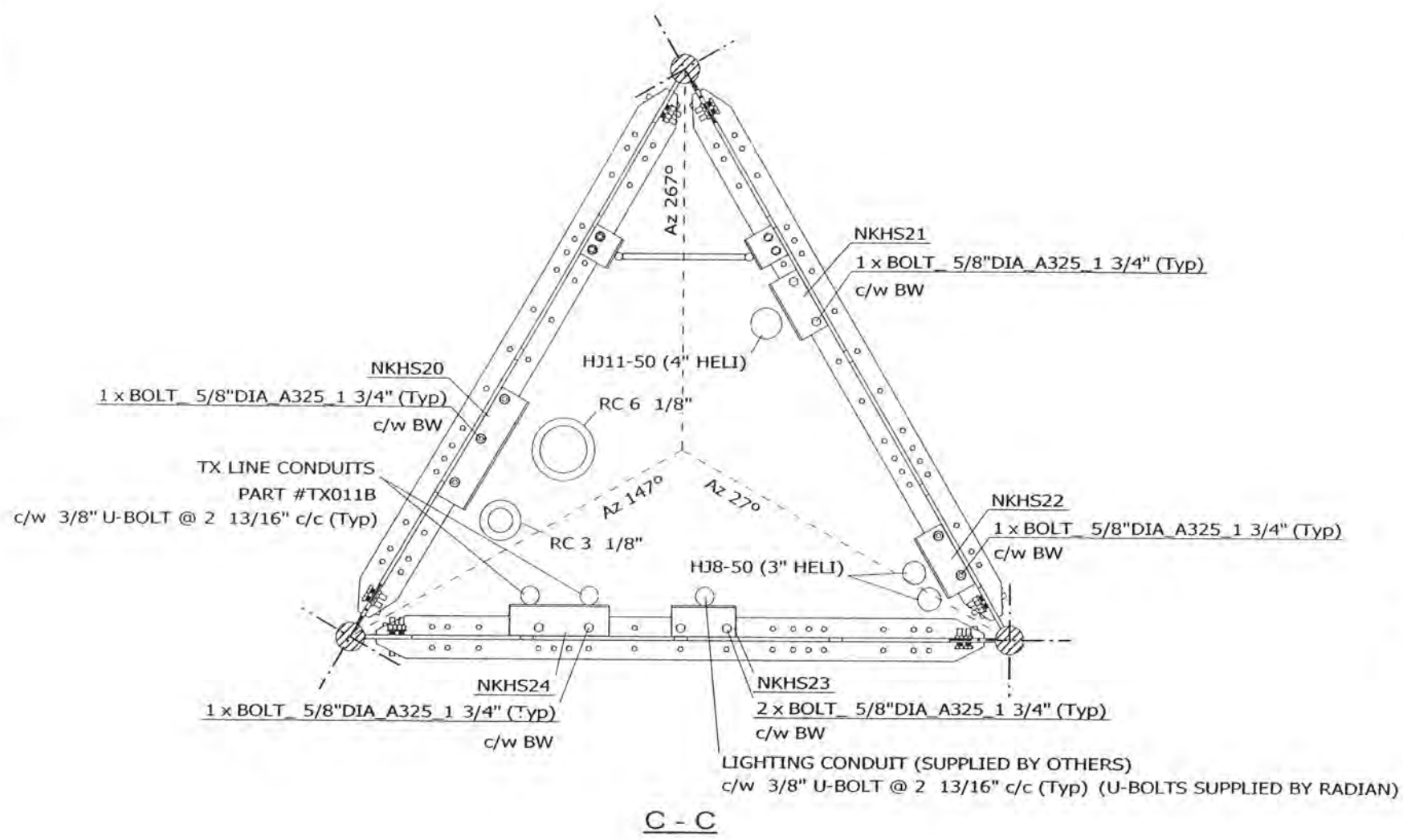
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 2-5,7,8-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 18.03.2003
-------------	---------------	---------------------

ENG'R: BK	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07-NKHS-E04-01	REV: 0
-------------------------------	-----------



- NOTES:
- 1) #NKHS26 IS SPLICE BRACKET TO SUPPORT CONDUITS FOR THIS SECTION AND CONDUITS FOR THE BELOW SECTION.
  - 2) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.

CONDUITS FOR BELOW SECTION END AT #NKHS26  
(EACH CONDUIT SPLICED BY ONE U-BOLT OF #NKHS26)

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BK

DWG REFERENCE	
DWG	07-NKHS-E04-01
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

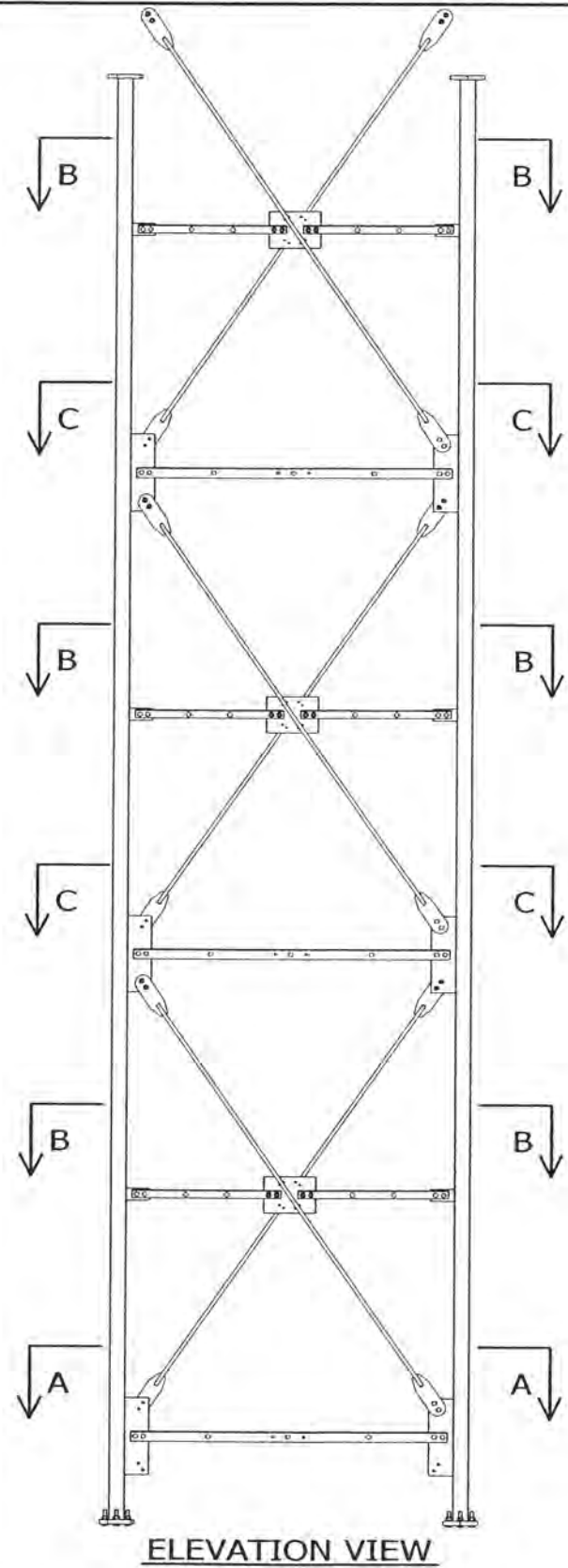
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 2-5,7,8-TX & LIGHTING SUPPORT  
 NORFOLK, NE

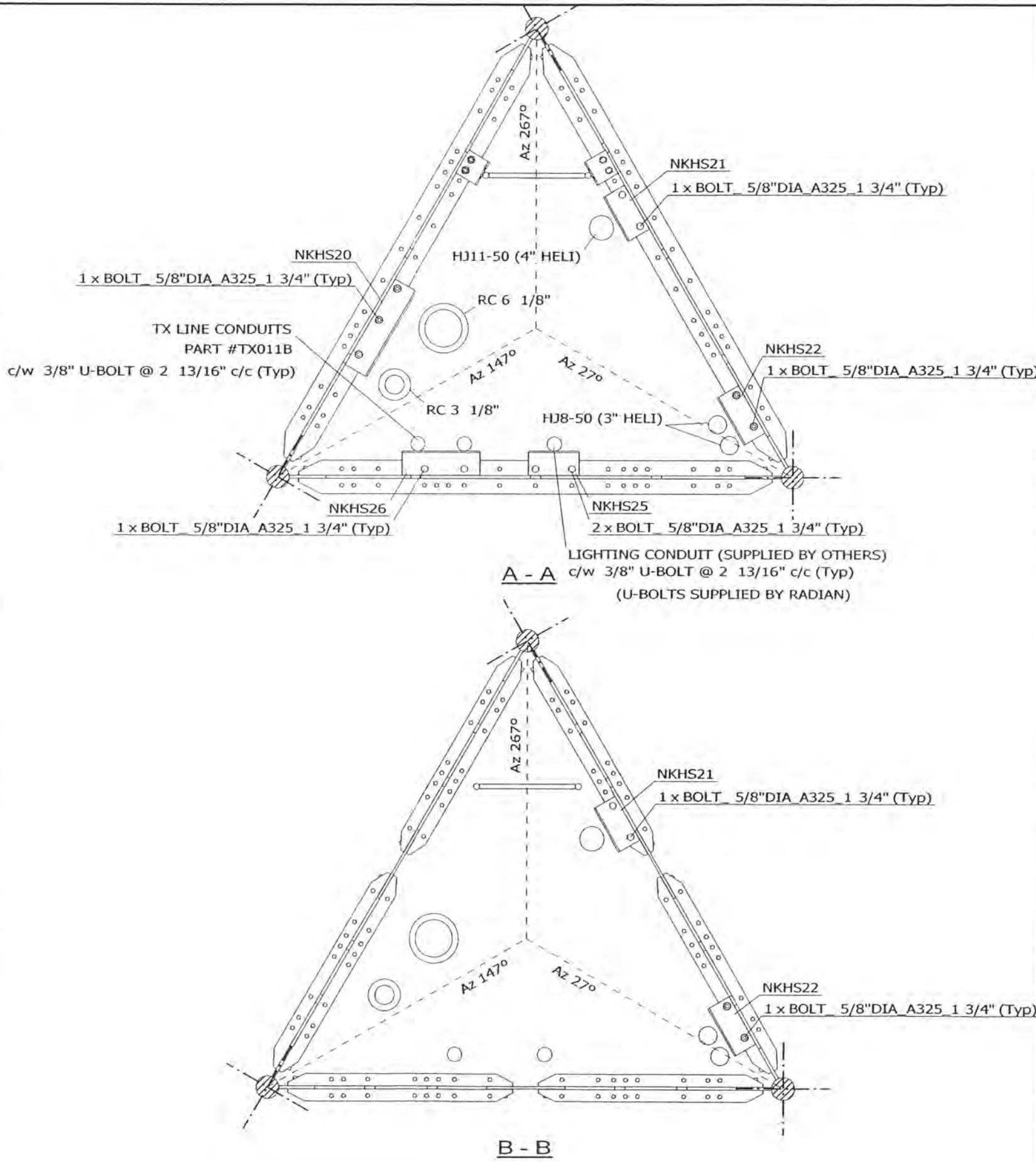
DWN: SIP	CHK'D: AAS	DATE: 18.03.2003
-------------	---------------	---------------------

ENG'R: BK	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07-NKHS-E04-02	REV: 0
-------------------------------	-----------



- NOTES:
- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
  - 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
  - 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
  - 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
  - 5) FOR SECT C-C SEE Dwg 07-NKHS-E05-02.



FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	bk

DWG REFERENCE	
DWG	07-NKHS-E05-02
DWG	
DWG	
DWG	
DWG	
DWG	

**RADIAN**

OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

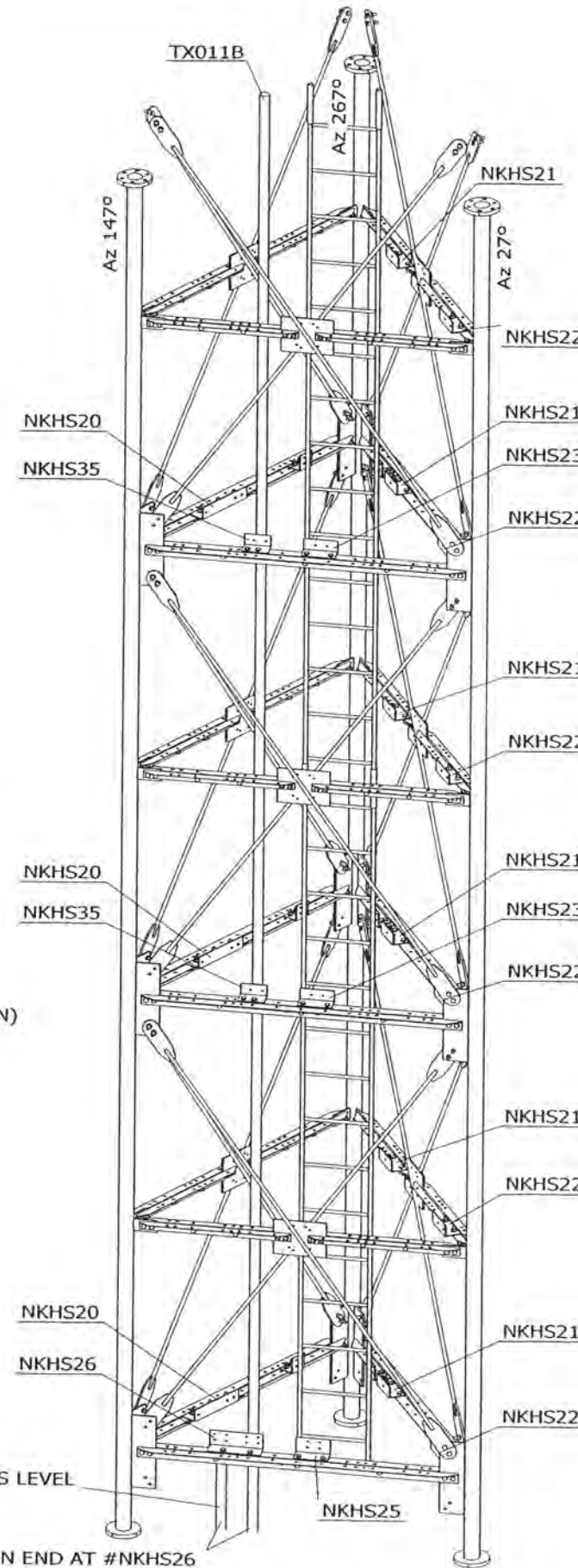
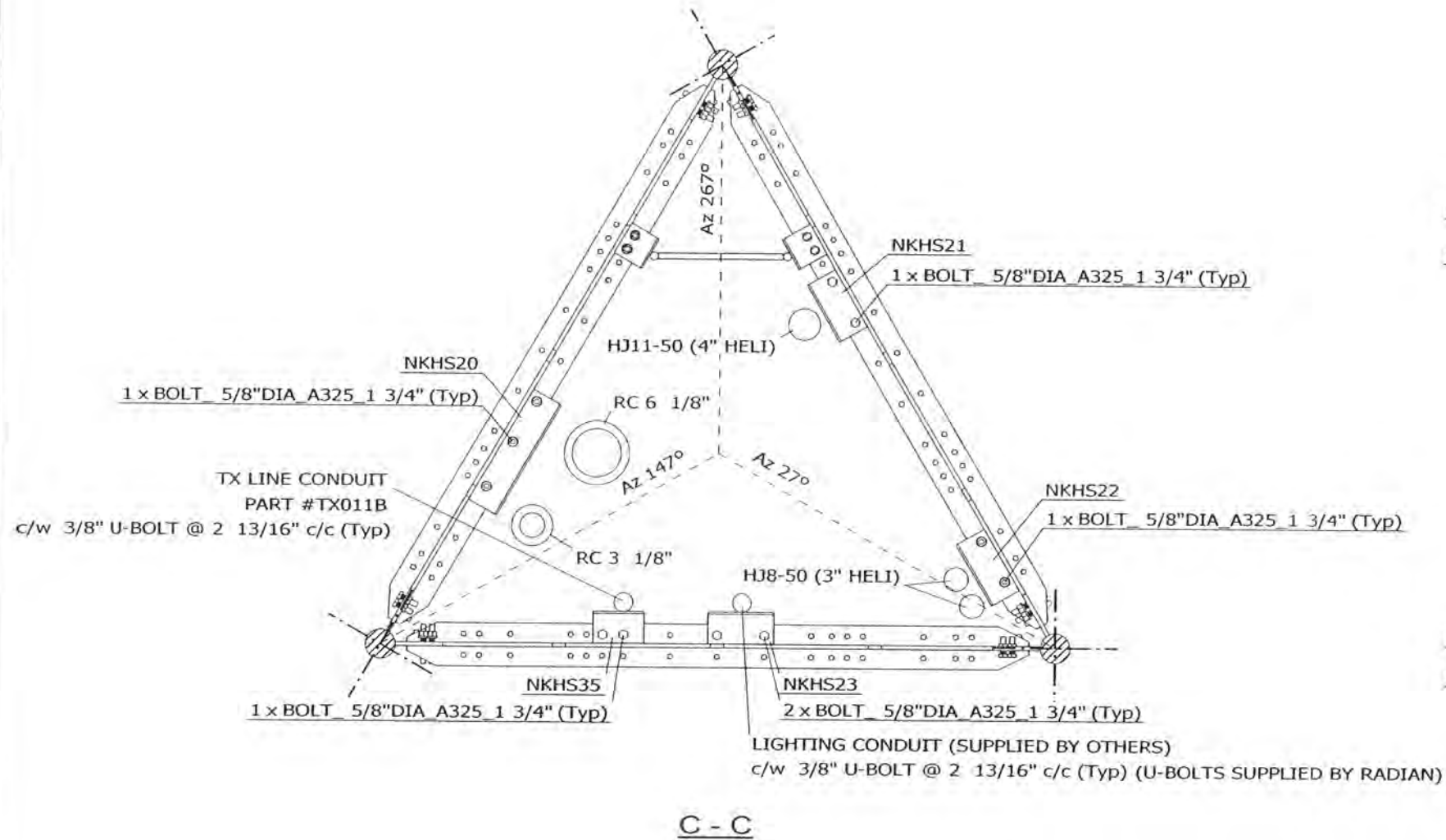
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 9-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 18.03.2003
ENG'R: BK	ENG'R APP'D:	

DRAWING NO: 07-NKHS-E05-01      REV: 0





- 1) #NKHS26 IS SPLICE BRACKET TO SUPPORT CONDUITS FOR THIS SECTION AND CONDUITS FOR THE BELOW SECTION.
- 2) FOR TX LINES LAYOUT SEE DWG 07-NKHS-E02-01.

THIS CONDUIT #TX011B ENDS AT THIS LEVEL

CONDUITS FOR BELOW SECTION END AT #NKHS26  
(EACH CONDUIT SPLICED BY ONE U-BOLT OF #NKHS26)

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BK

DWG REFERENCE	
DWG	07-NKHS-E05-01
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 644 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

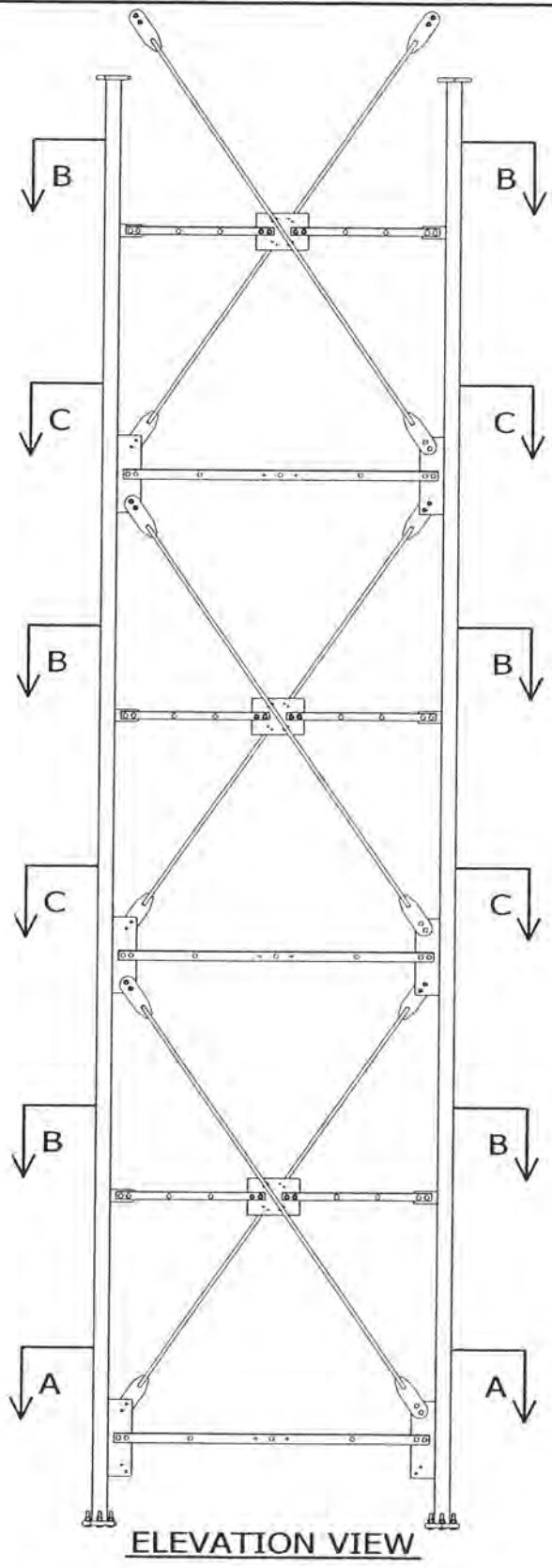
N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 9-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 18.03.2003
-------------	---------------	---------------------

ENG'R: BK	ENG'R APP'D:
--------------	--------------

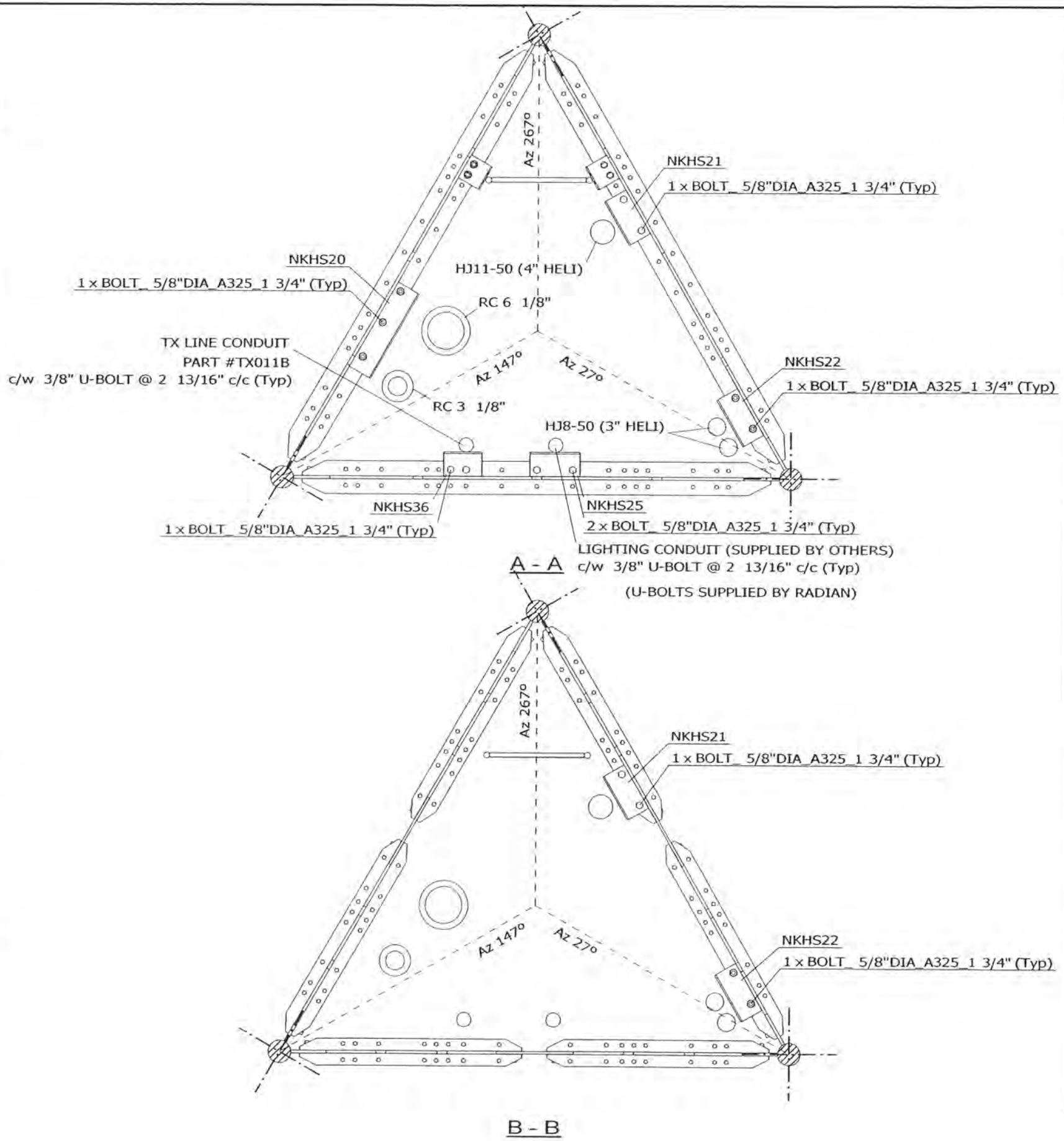
DRAWING NO: 07-NKHS-E05-02	REV: 0
-------------------------------	-----------





**ELEVATION VIEW**

- NOTES:
- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
  - 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
  - 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
  - 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
  - 5) FOR SECT C-C SEE Dwg 07-NKHS-E06-02.



FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BK

DWG REFERENCE	
DWG	07-NKHS-E06-02
DWG	
DWG	
DWG	
DWG	
DWG	



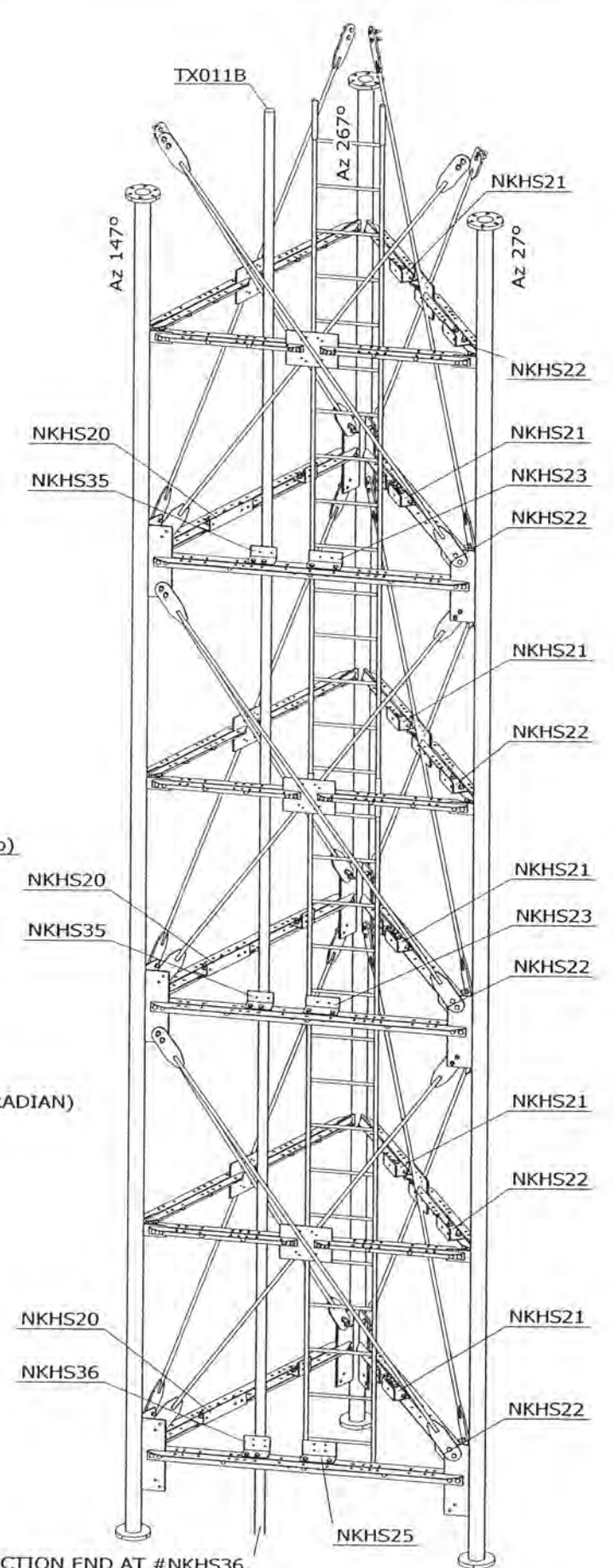
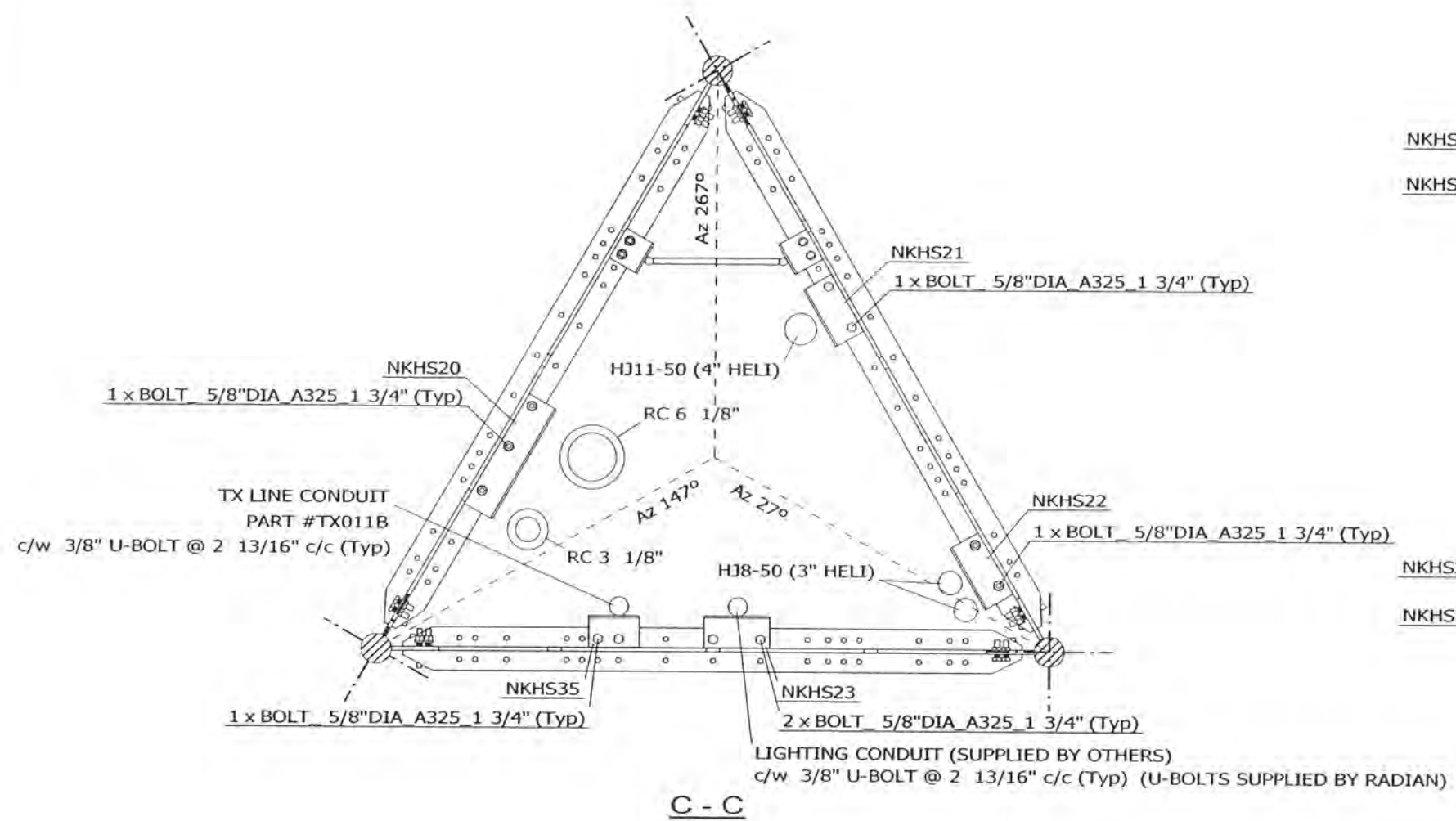
OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright : Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 10,12-14-TX&LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 18.03.2003
ENG'R: BK	ENG'R APP'D:	

DRAWING NO: 07-NKHS-E06-01	REV: 0
-------------------------------	-----------



- NOTES:
- 1) #NKHS36 IS SPLICE BRACKET TO SUPPORT CONDUITS FOR THIS SECTION AND CONDUITS FOR THE BELOW SECTION.
  - 2) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.

CONDUITS FOR BELOW SECTION END AT #NKHS36  
(EACH CONDUIT SPLICED BY ONE U-BOLT OF #NKHS36)

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BY

DWG REFERENCE	
DWG	07-NKHS-E06-01
DWG	
DWG	
DWG	
DWG	
DWG	

**RADIAN**

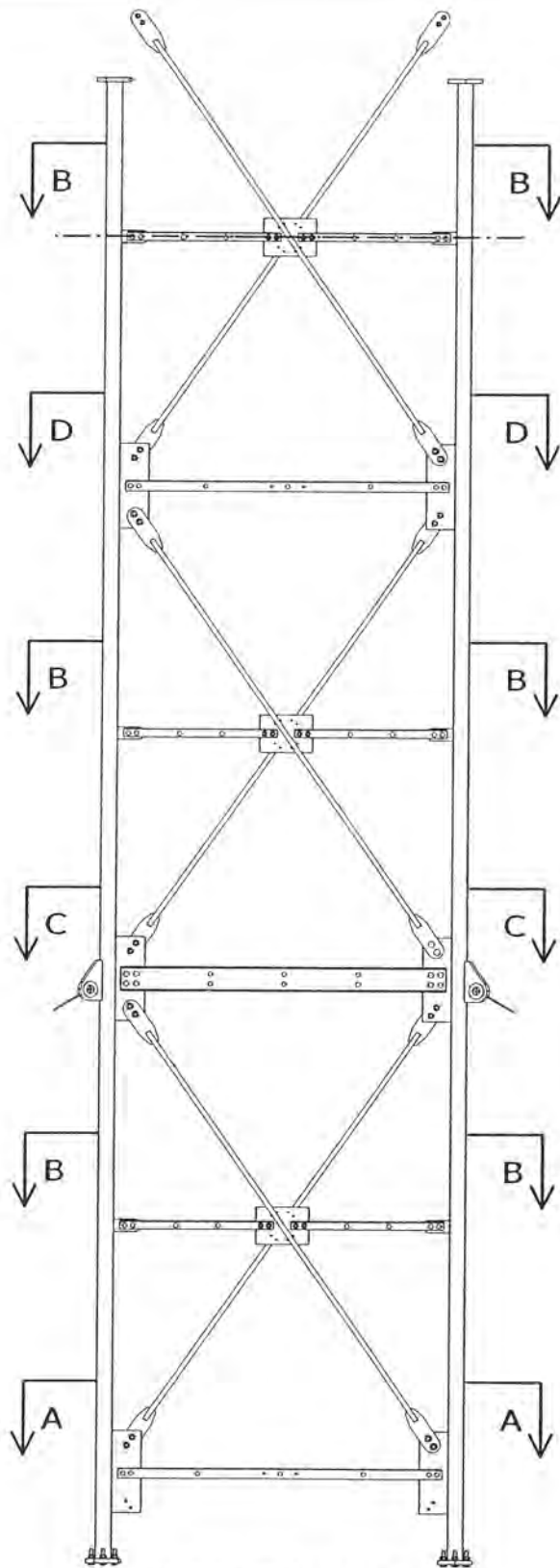
OAKVILLE, OH, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 10,12-14-TX&LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 18.03.2003
ENG'R: BK	ENG'R APP'D:	

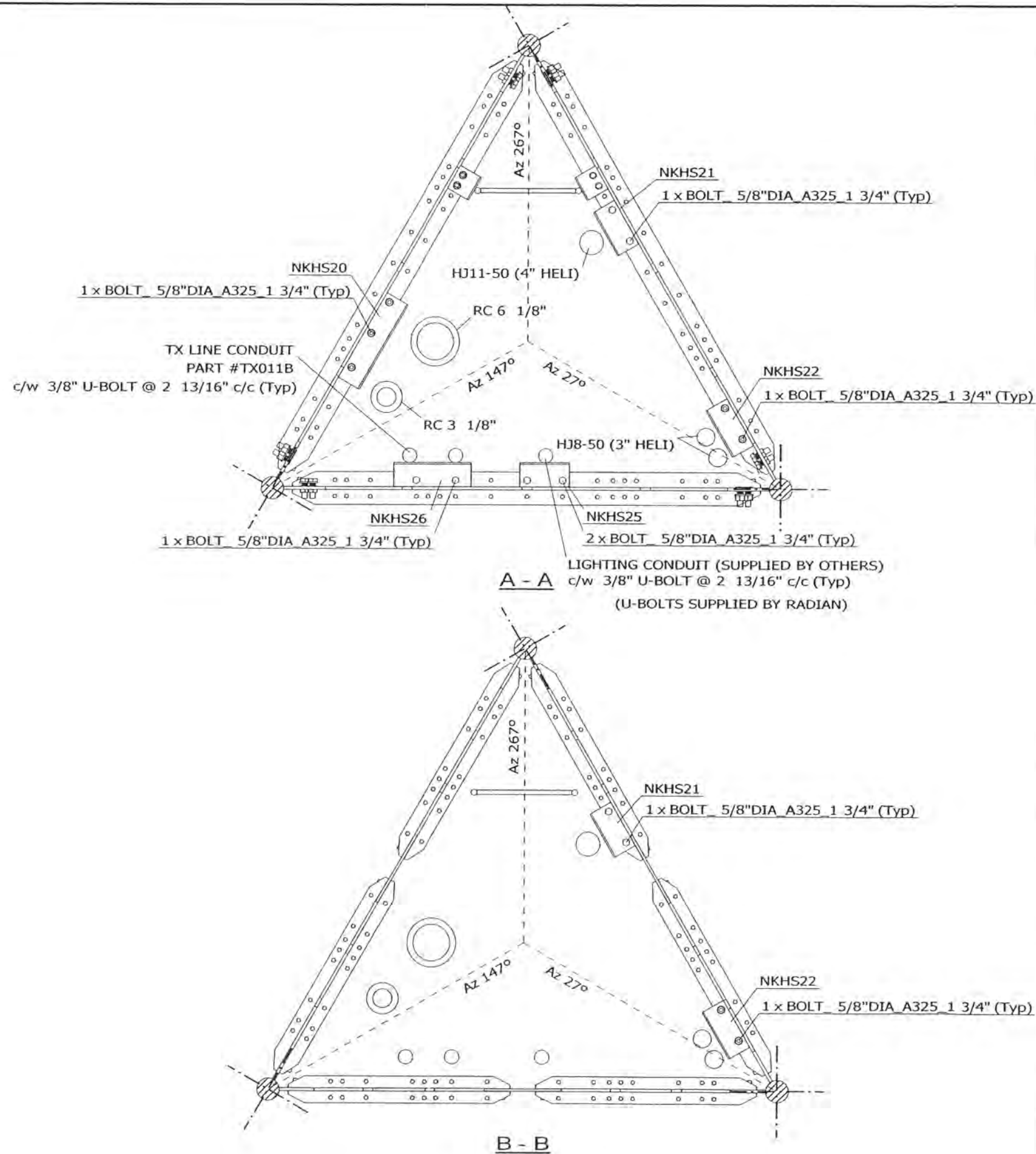
DRAWING NO: 07-NKHS-E06-02	REV: 0
-------------------------------	-----------



**ELEVATION VIEW**

**NOTES:**

- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
- 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
- 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
- 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
- 5) FOR SECT C-C & D-D SEE Dwg 07-NKHS-E07-02.



FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BK

DWG REFERENCE	
DWG	07-NKHS-E07-02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

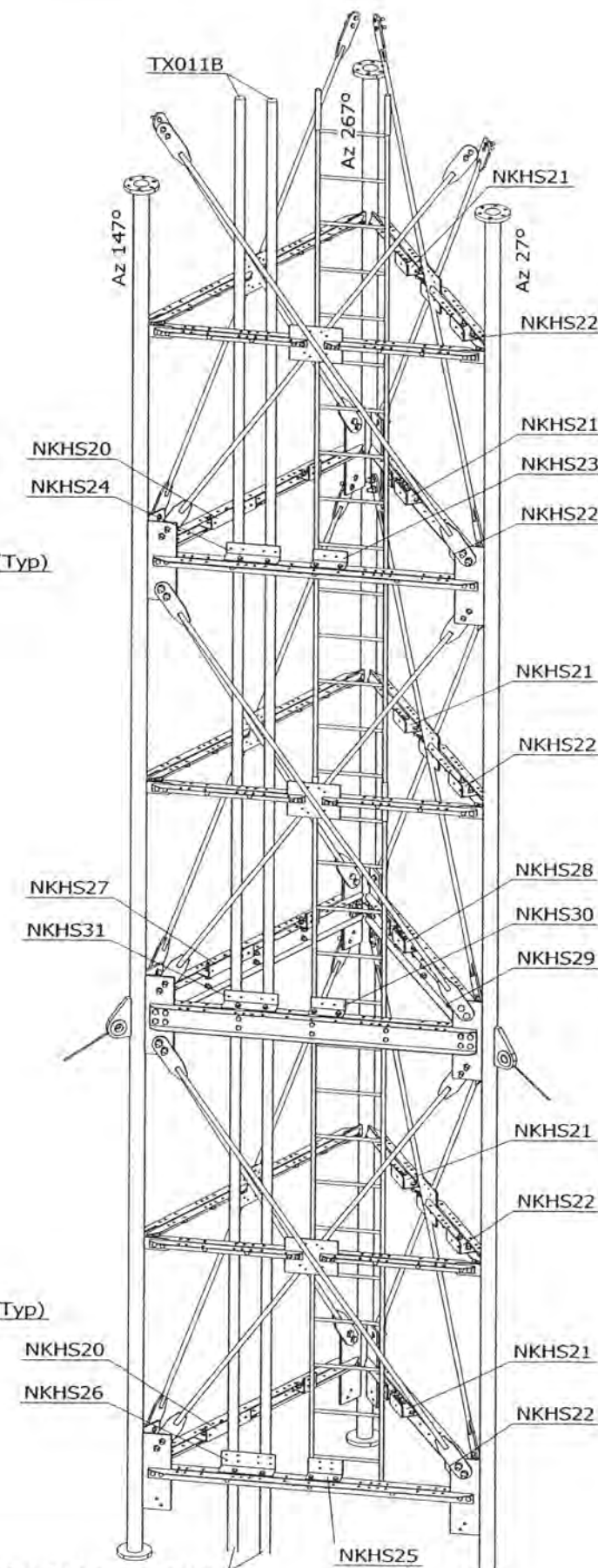
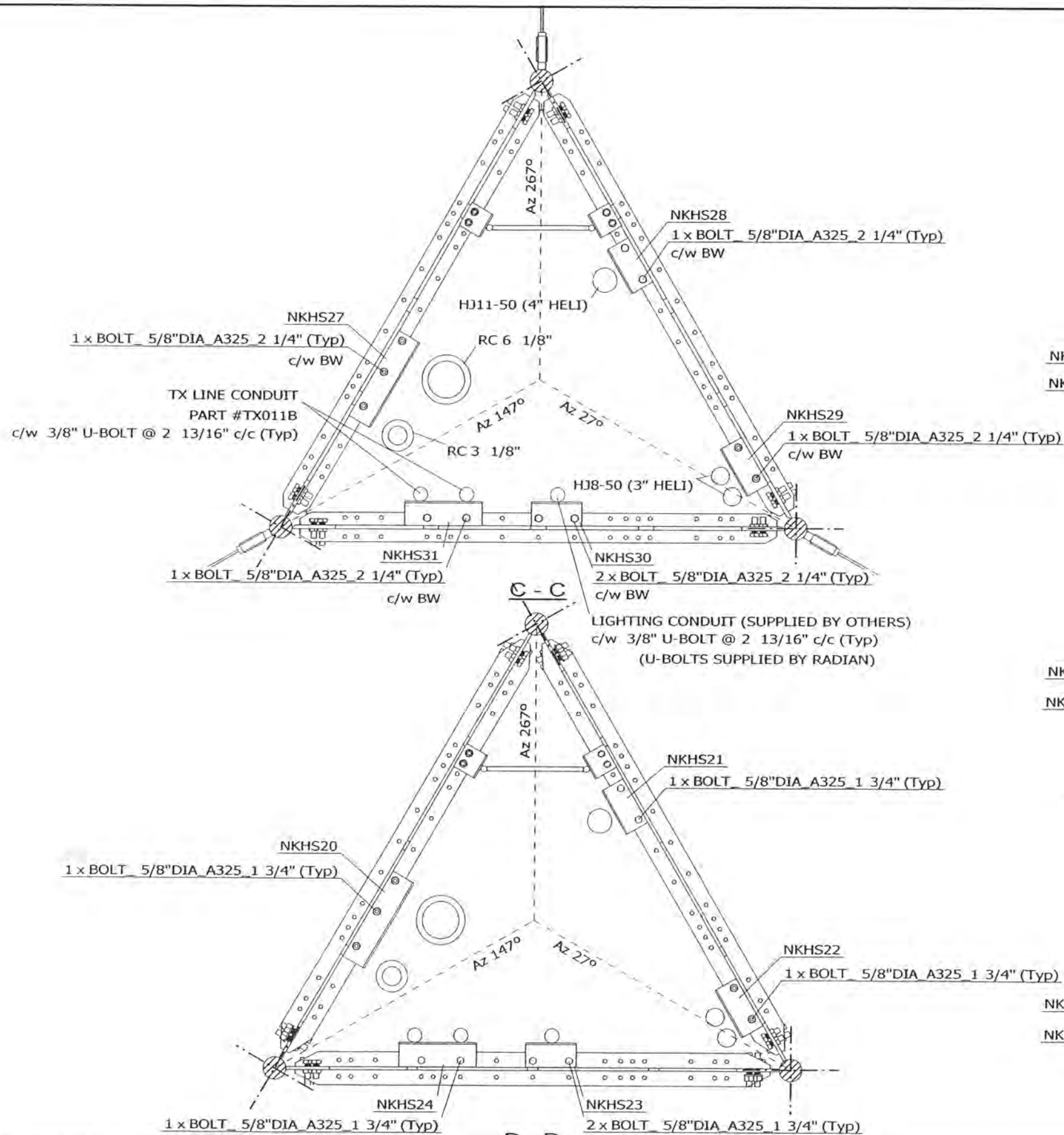
N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 6-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 18.03.2003
-------------	---------------	---------------------

ENG'R: BK	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07-NKHS-E07-01	REV: 0
-------------------------------	-----------





FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BK

DWG REFERENCE	
DWG	07-NKHS-E07-01
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 6-TX & LIGHTING SUPPORT  
 NORFOLK, NE

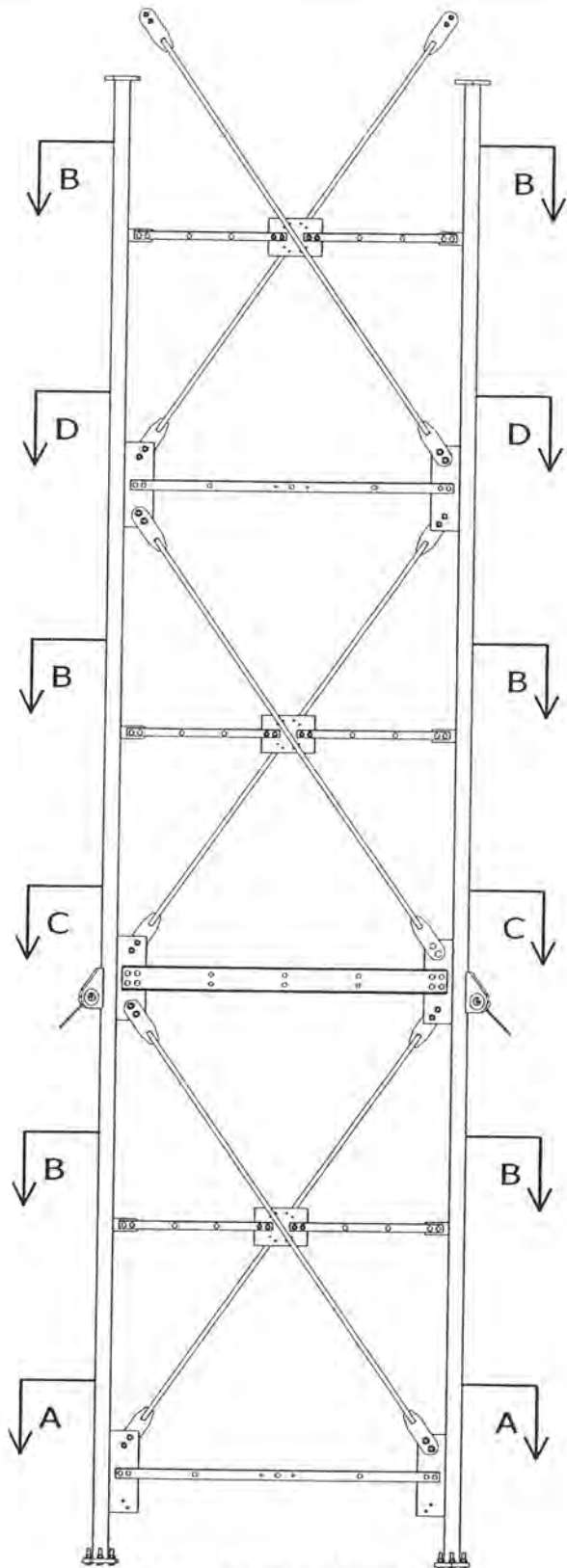
DWN: SIP	CHK'D: AAS	DATE: 18.03.2003
ENG'R: BK	ENG'R APP'D:	

DRAWING NO: 07-NKHS-E07-02	REV: 0
-------------------------------	-----------

NOTES:  
 1) #NKHS26 IS SPLICE BRACKET TO SUPPORT CONDUITS FOR THIS SECTION AND CONDUITS FOR THE BELOW SECTION.  
 2) FOR TX LINES LAYOUT SEE DWG 07-NKHS-E02-01.

CONDUITS FOR BELOW SECTION END AT #NKHS26  
 (EACH CONDUIT SPLICED BY ONE U-BOLT OF #NKHS26)

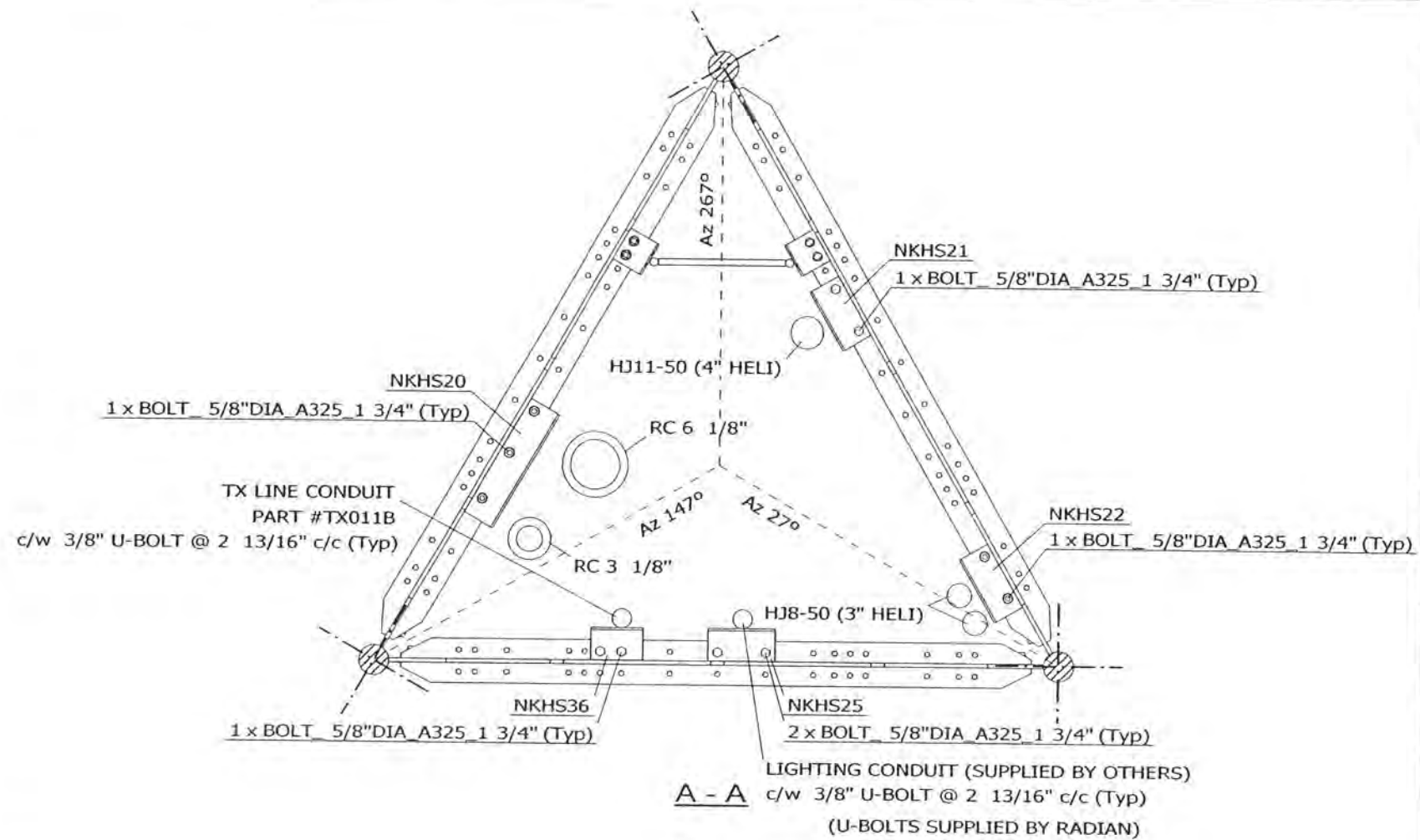




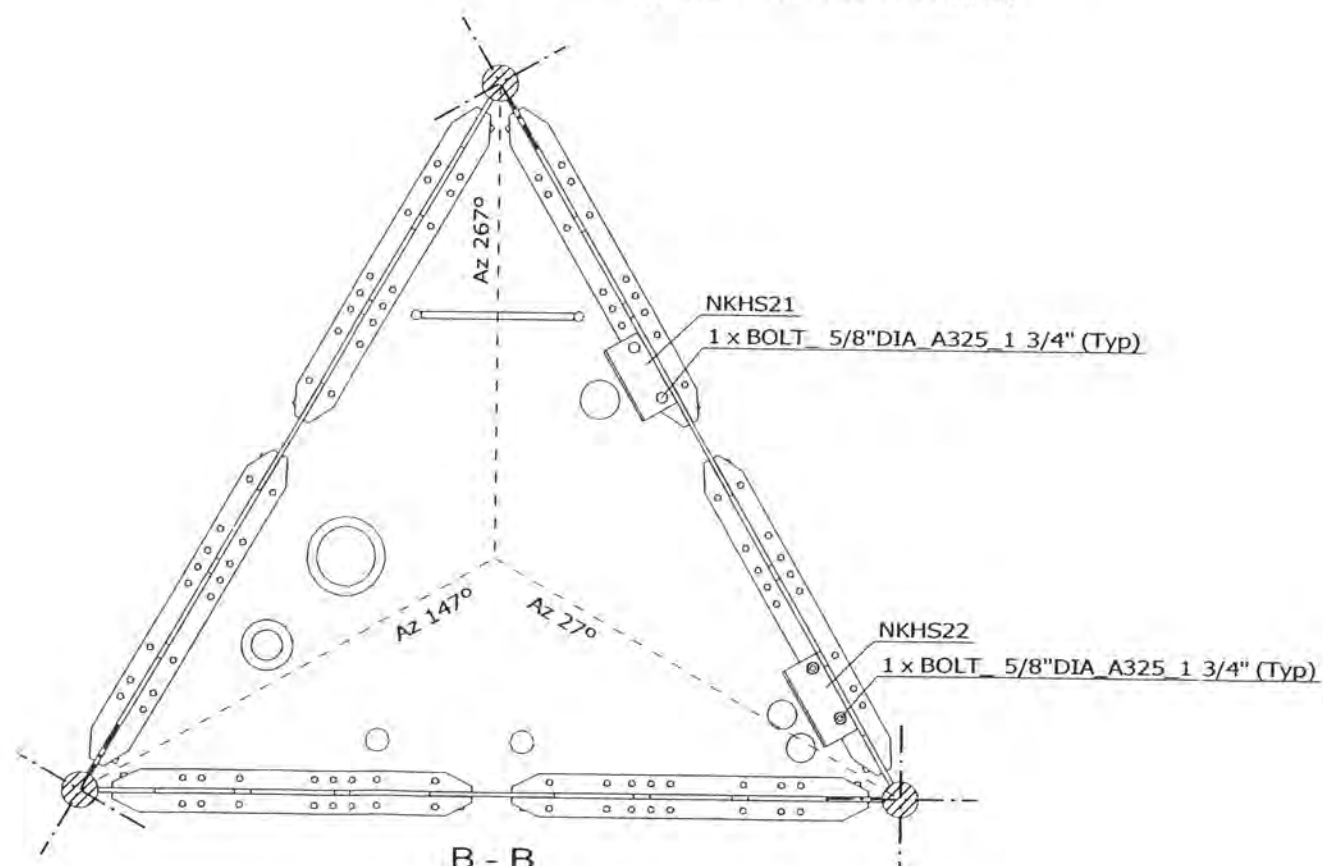
**ELEVATION VIEW**

**NOTES:**

- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
- 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
- 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
- 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
- 5) FOR SECT C-C & D-D SEE Dwg 07-NKHS-E08-02.



**A - A**



**B - B**

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	AA/bc

DWG REFERENCE	
DWG	07-NKHS-E08-02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 11-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 18.03.2003
-------------	---------------	---------------------

ENG'R: BK	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07-NKHS-E08-01	REV: 0
-------------------------------	-----------

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAG	bk

DWG REFERENCE	
DWG	07-NKHS-E08-01
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3288  
 www.radiancorp.com

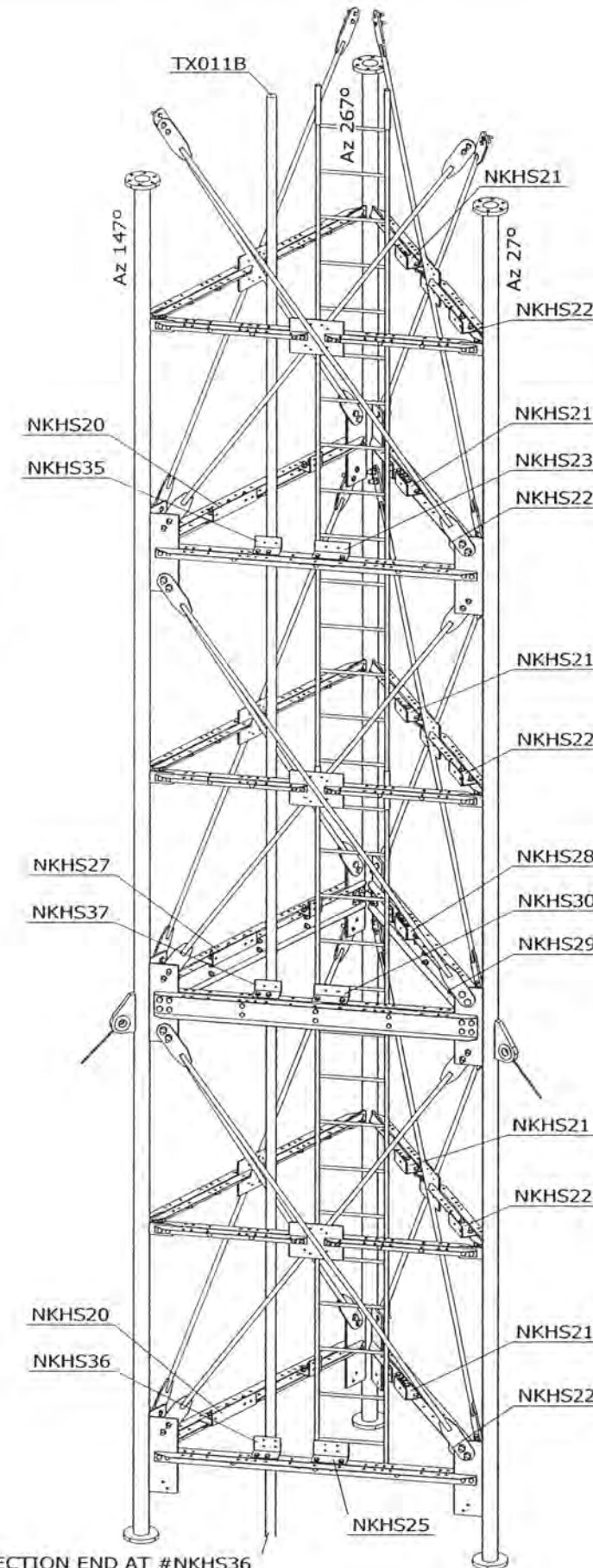
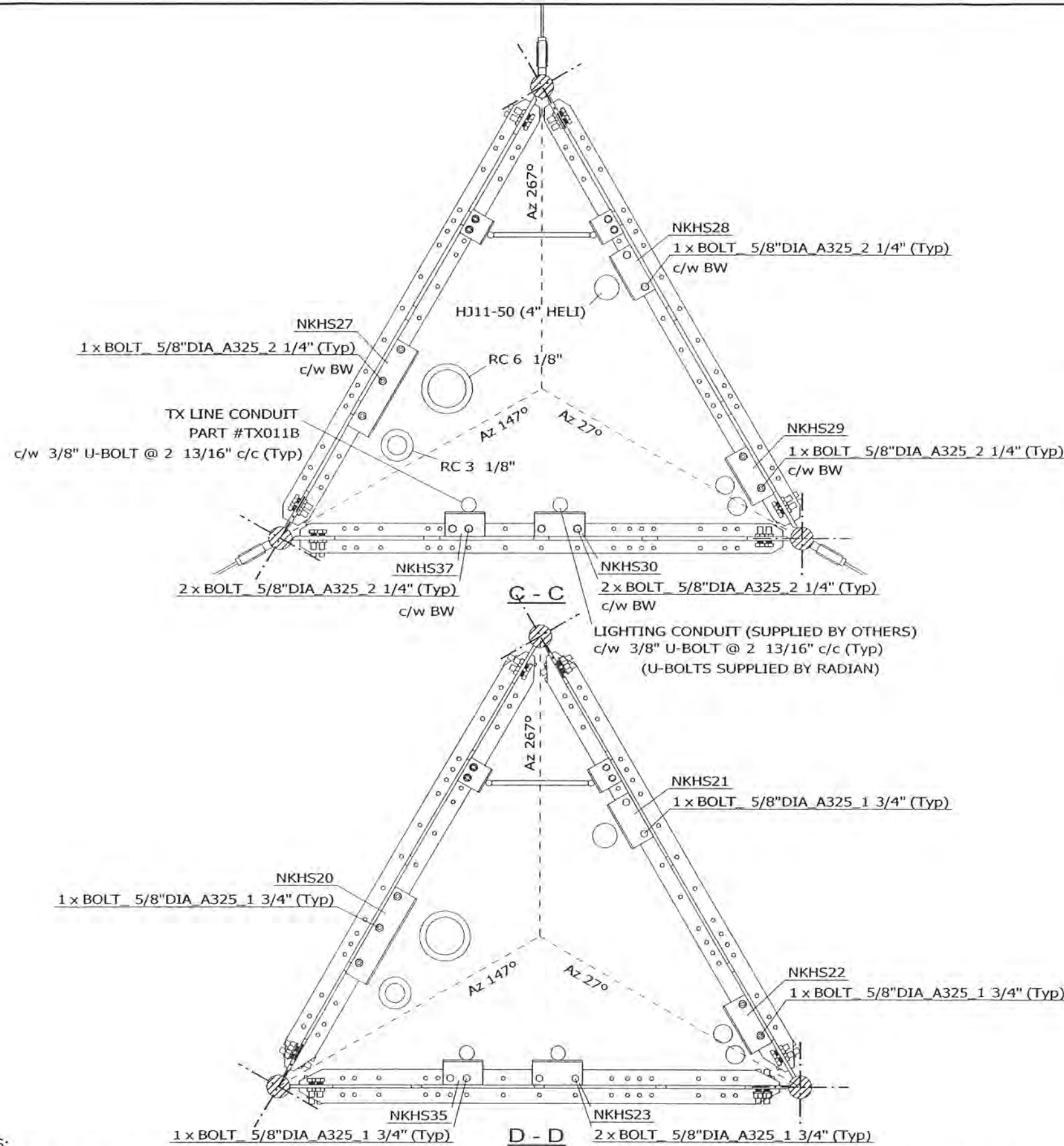
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 11-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN:	CHK'D:	DATE:
SIP	AAS	18.03.2003

ENG'R:	ENG'R APP'D:
BK	

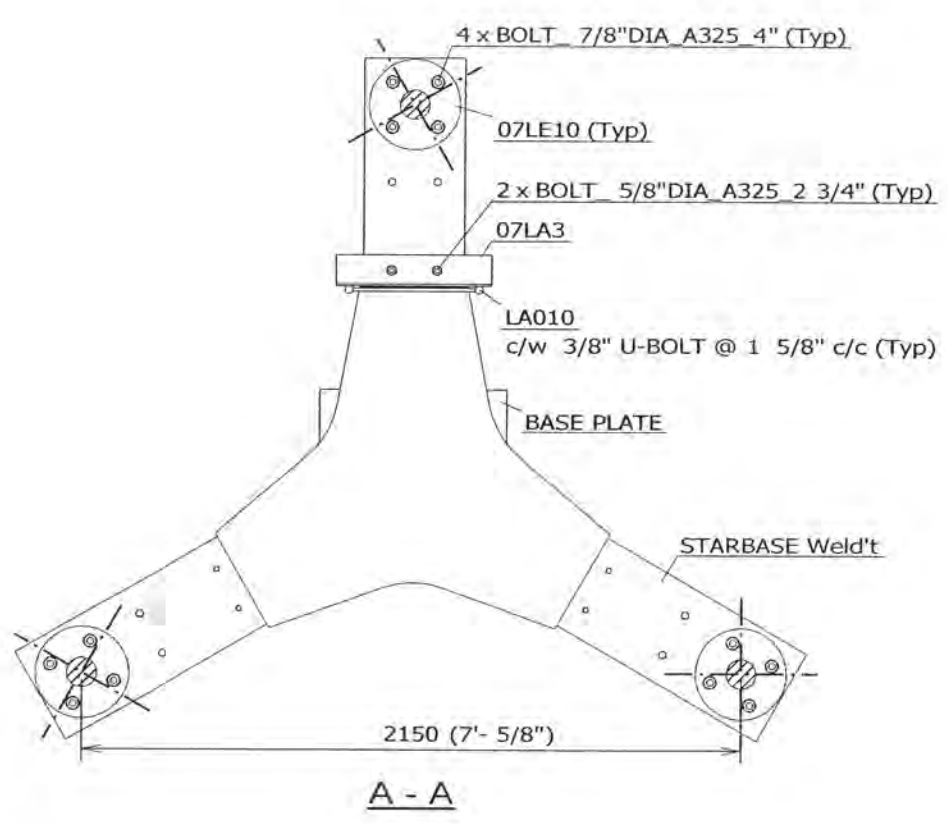
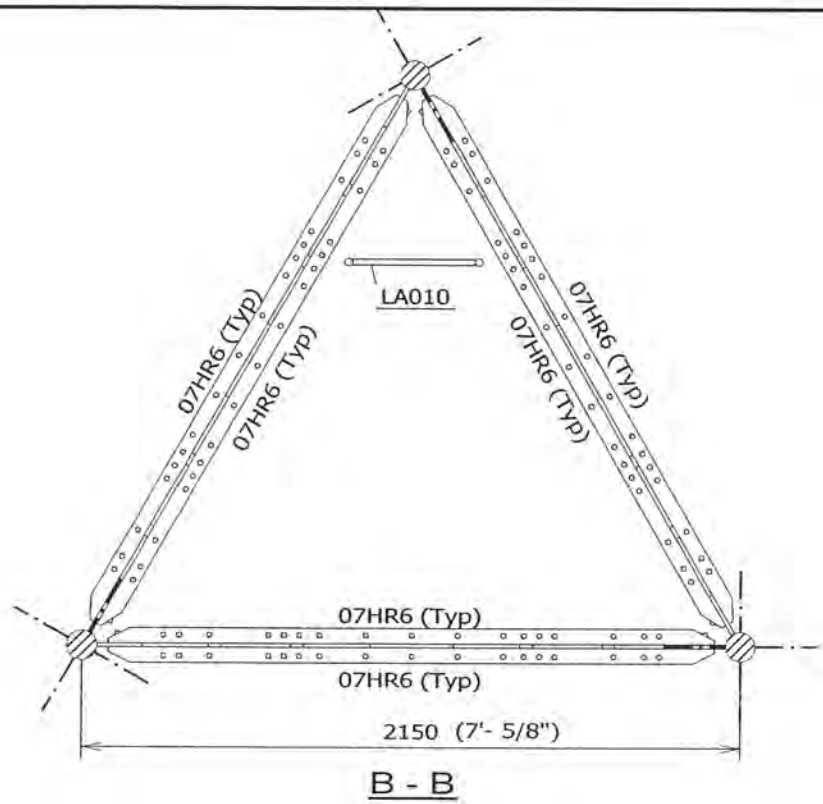
DRAWING NO:	REV:
07-NKHS-E08-02	0



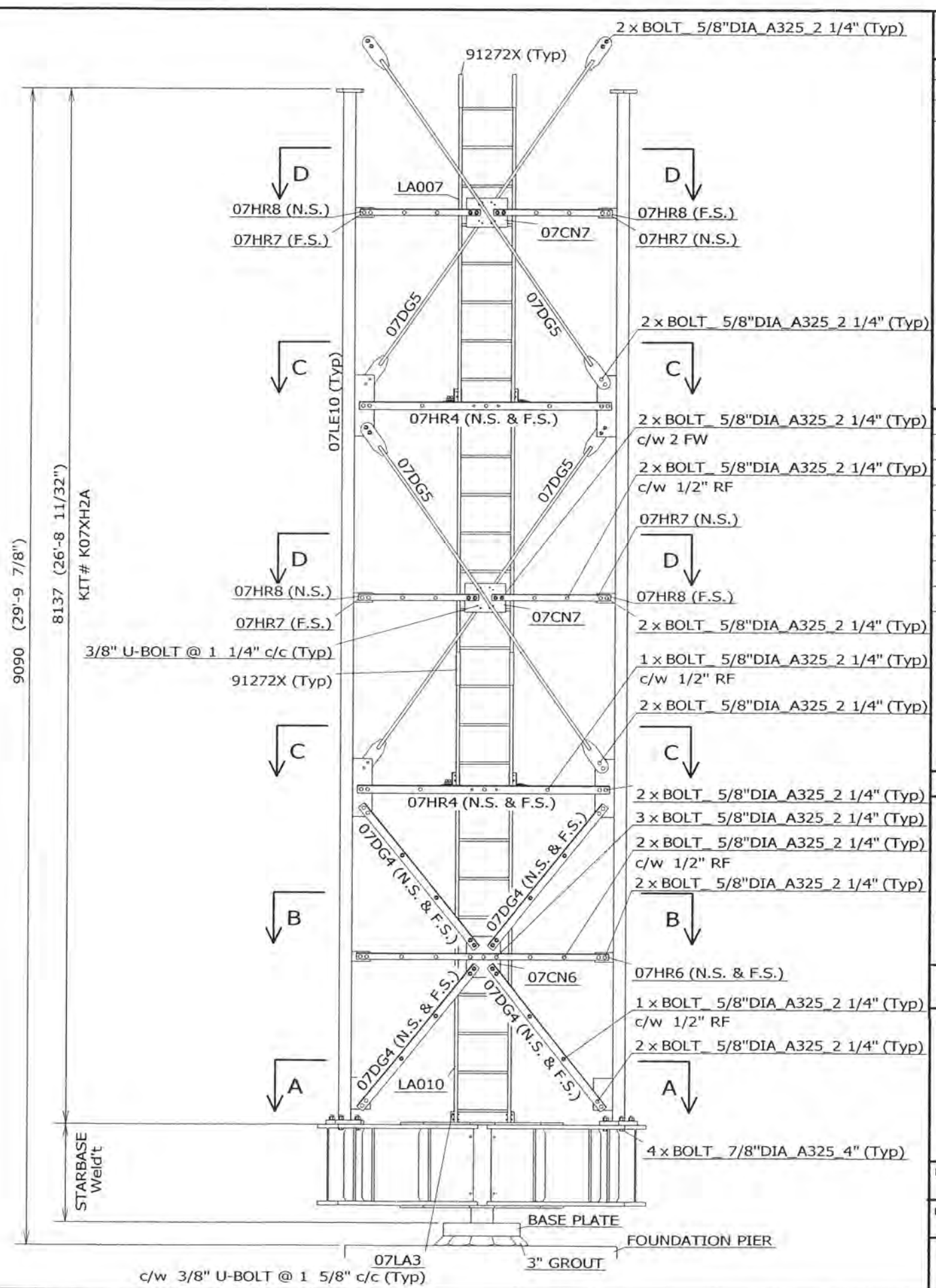
NOTES:

- 1) #NKHS36 IS SPLICE BRACKET TO SUPPORT CONDUITS FOR THIS SECTION AND CONDUITS FOR THE BELOW SECTION.
- 2) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.

CONDUITS FOR BELOW SECTION END AT #NKHS36  
 (EACH CONDUIT SPLICED BY ONE U-BOLT OF #NKHS36)



- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.
  - 5) FOR STARBASE KIT# SEE SITE SPECIFIC NUMBER PROFILE.



FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BT

DWG REFERENCE	
DWG	07XH2A-E02
DWG	
DWG	
DWG	
DWG	
DWG	

**RADIANT**

OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

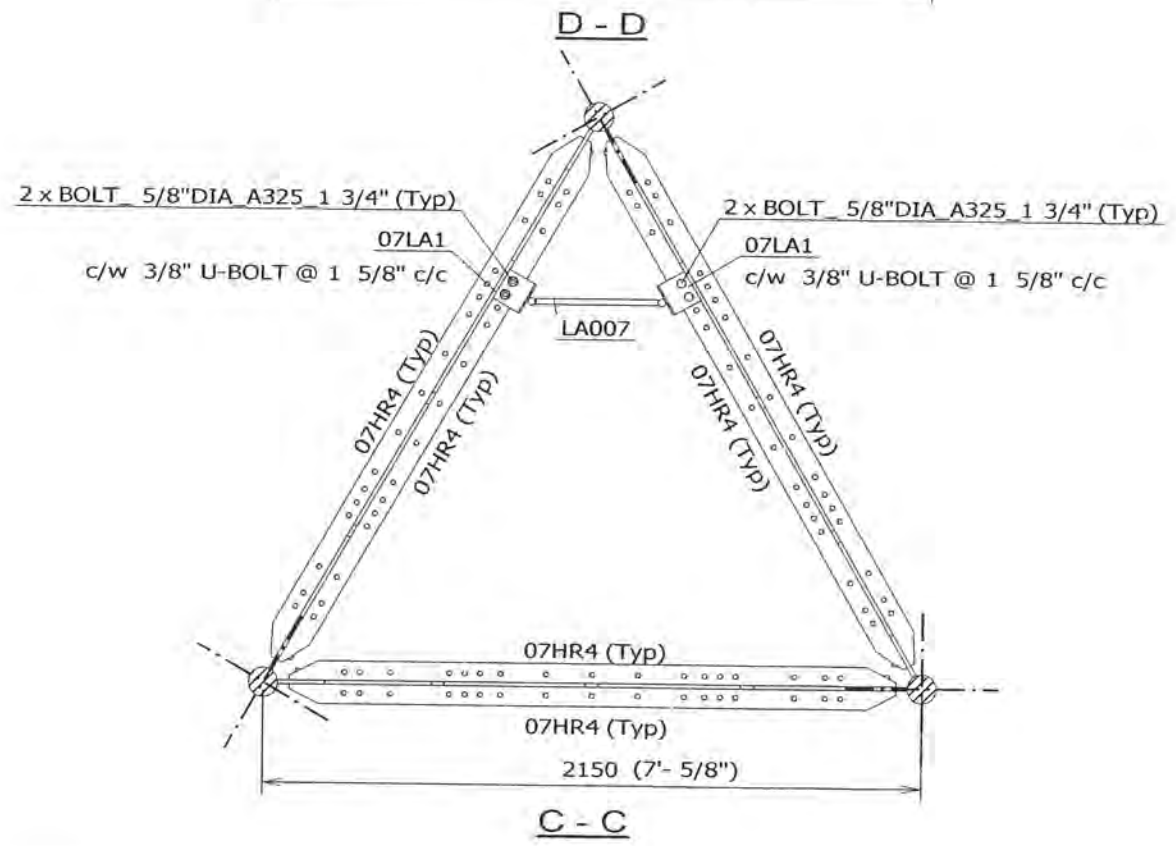
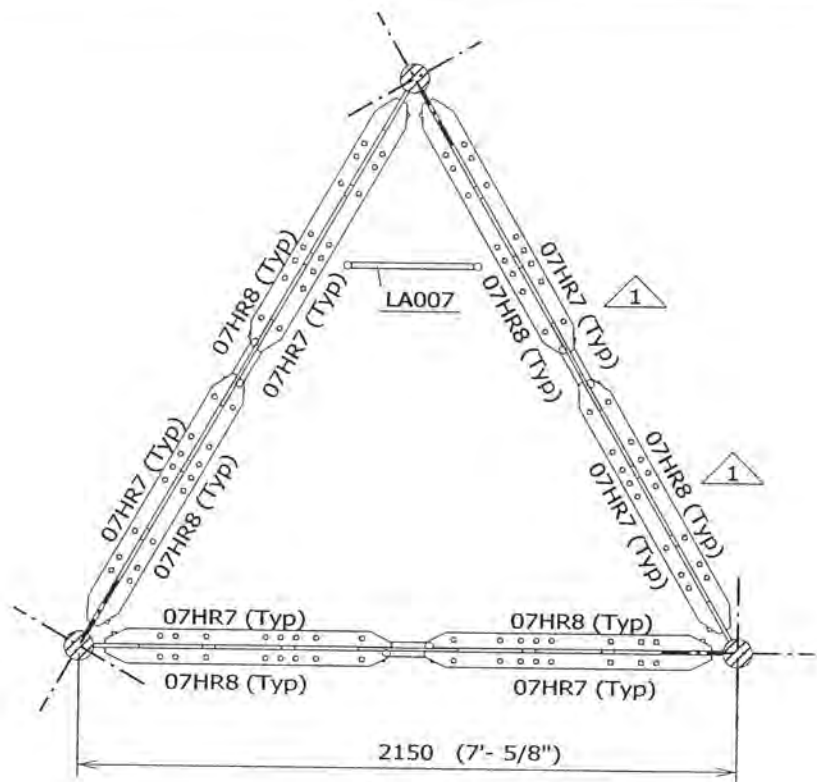
RT07 SERIES MAST  
 KIT# K07XH2A  
 SR 3 3/4" LEG, SR 7/8"-X DIAG.

DWN: SIP	CHK'D: AAS	DATE: 27.02.2003
-------------	---------------	---------------------

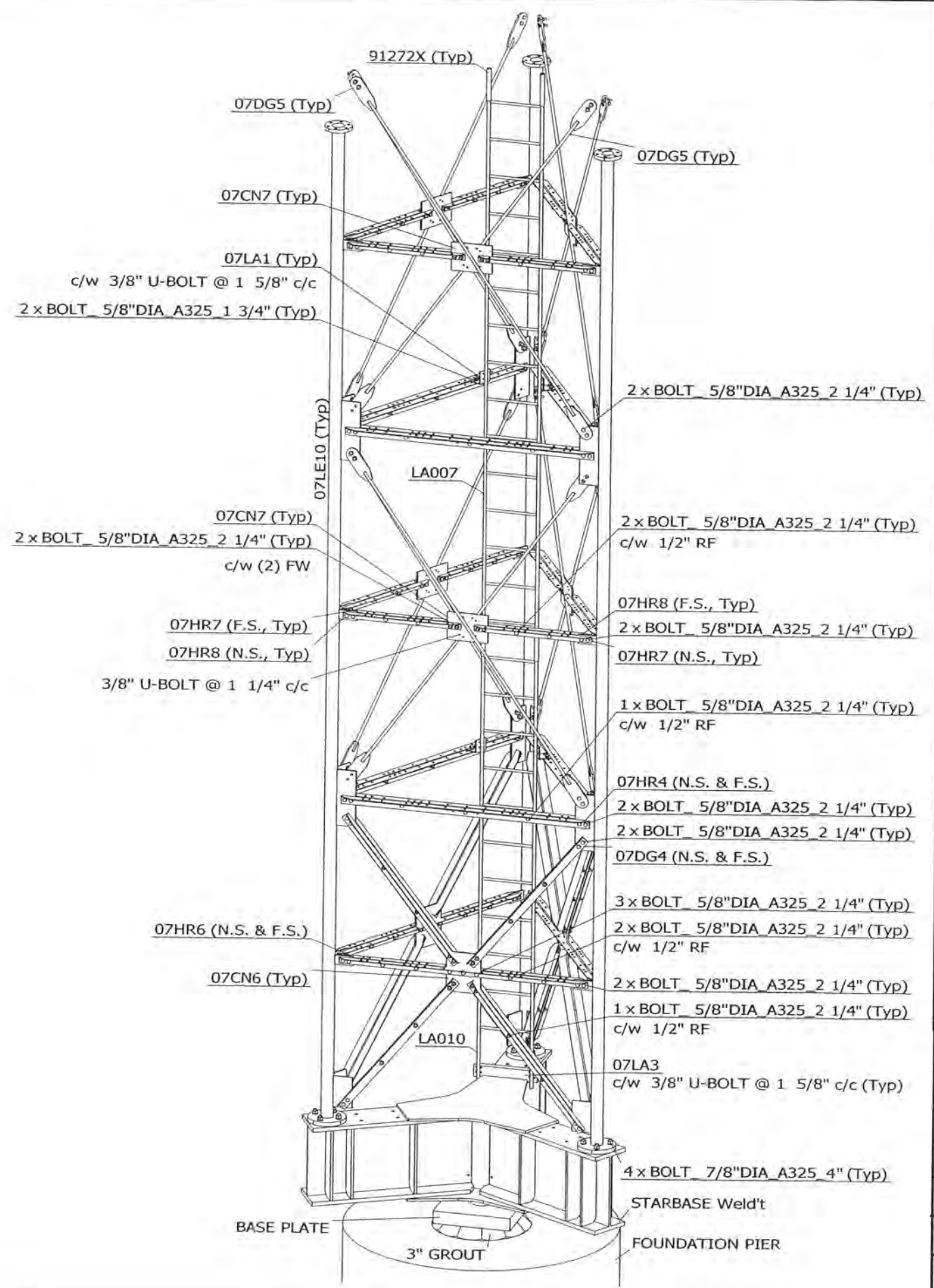
ENG'R: BK	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07XH2A-E01	REV: 0
---------------------------	-----------





- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.
  - 5) FOR STARBASE KIT# SEE SITE SPECIFIC KIT NUMBER PROFILE.



FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BK
1	CORRECTED PART#	SIP	AAS	BK

DWG REFERENCE	
DWG	07XH2A-E01
DWG	
DWG	
DWG	
DWG	
DWG	

**RADIANT**

OAKVILLE, ON, CANADA      ST. CHARLES, MD, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiantcorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

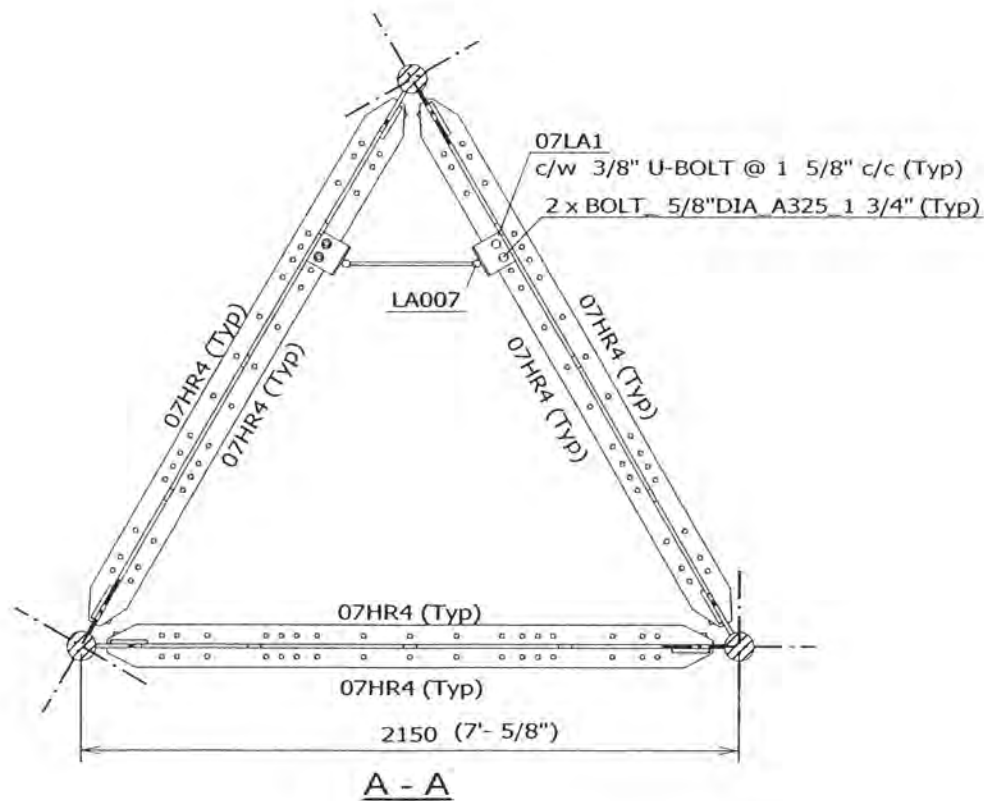
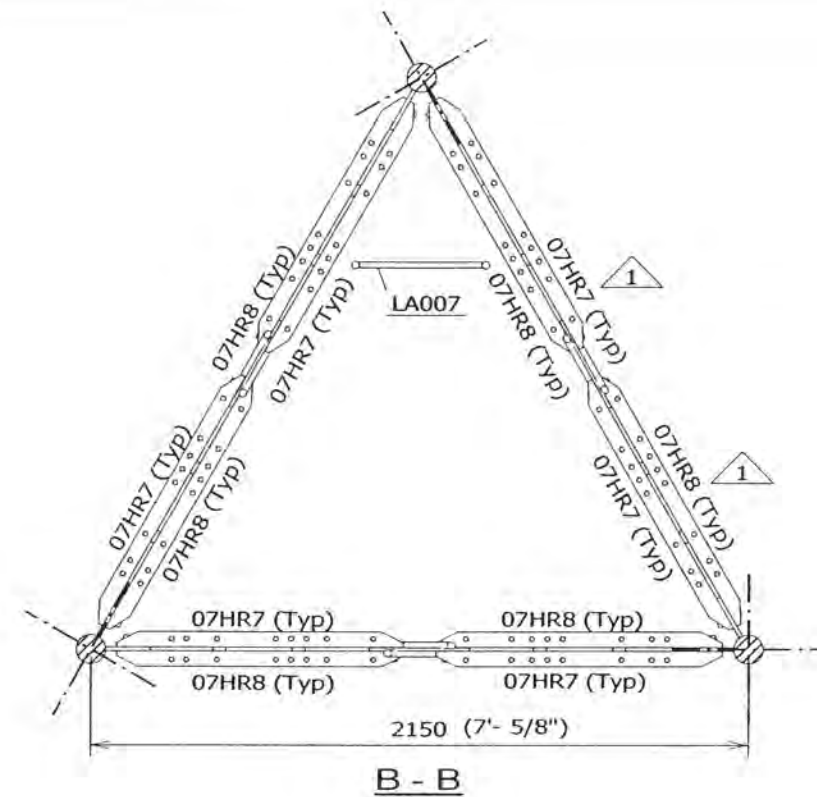
RT07 SERIES MAST  
 KIT# K07XH2A  
 SR 3 3/4" LEG, SR 7/8"-X DIAG.

DWN: SIP	CHK'D: AAS	DATE: 28.02.2003
-------------	---------------	---------------------

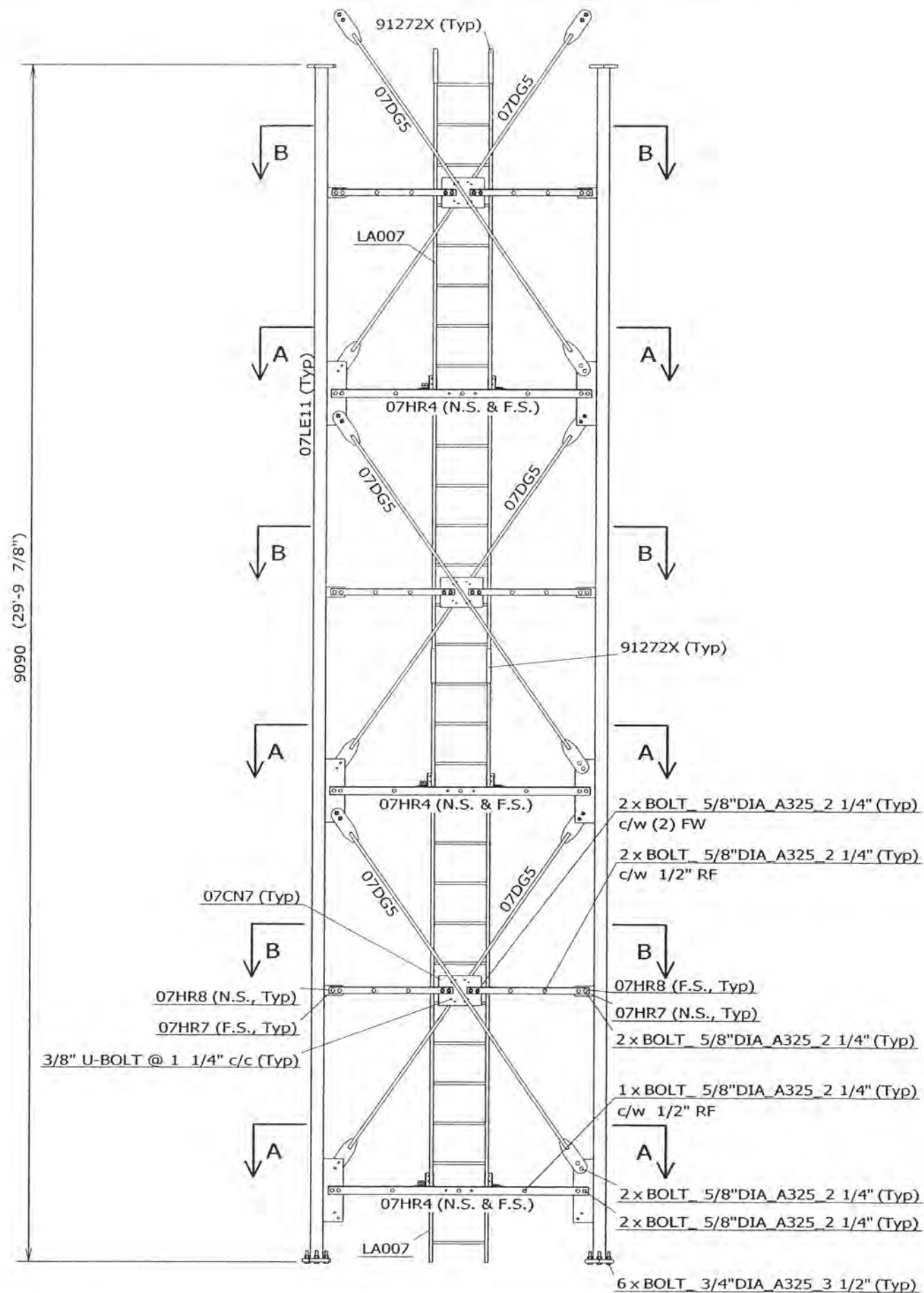
ENG'R: BK	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07XH2A-E02	REV: 1
---------------------------	-----------





- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.



FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SJP	AAS	BK
1	CORRECTED PART#	SJP	AAS	BK

DWG REFERENCE	
DWG	07XH2-E02
DWG	
DWG	
DWG	
DWG	
DWG	



GARVILLE, ON, CANADA      ST. CHARLES, MD, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

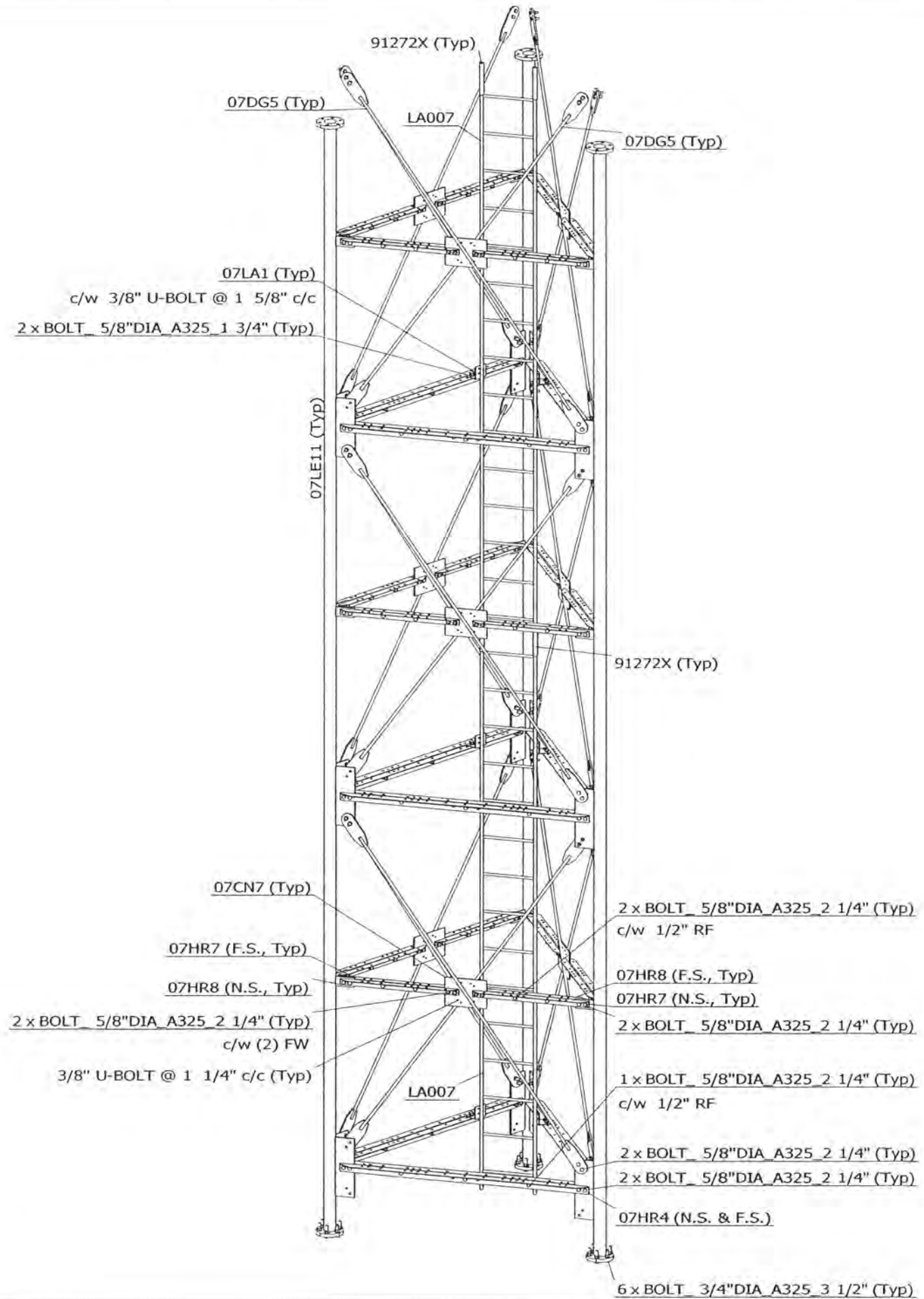
Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XH2  
 SR 3 3/4" LEG, SR 7/8"-X DIAG.

DWN: SJP	CHK'D: AAS	DATE: 28.02.2003
-------------	---------------	---------------------

ENG'R: BK	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07XH2-E01	REV: 1
--------------------------	-----------



- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	[Signature]

DWG REFERENCE	
DWG	07XH2-E01
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

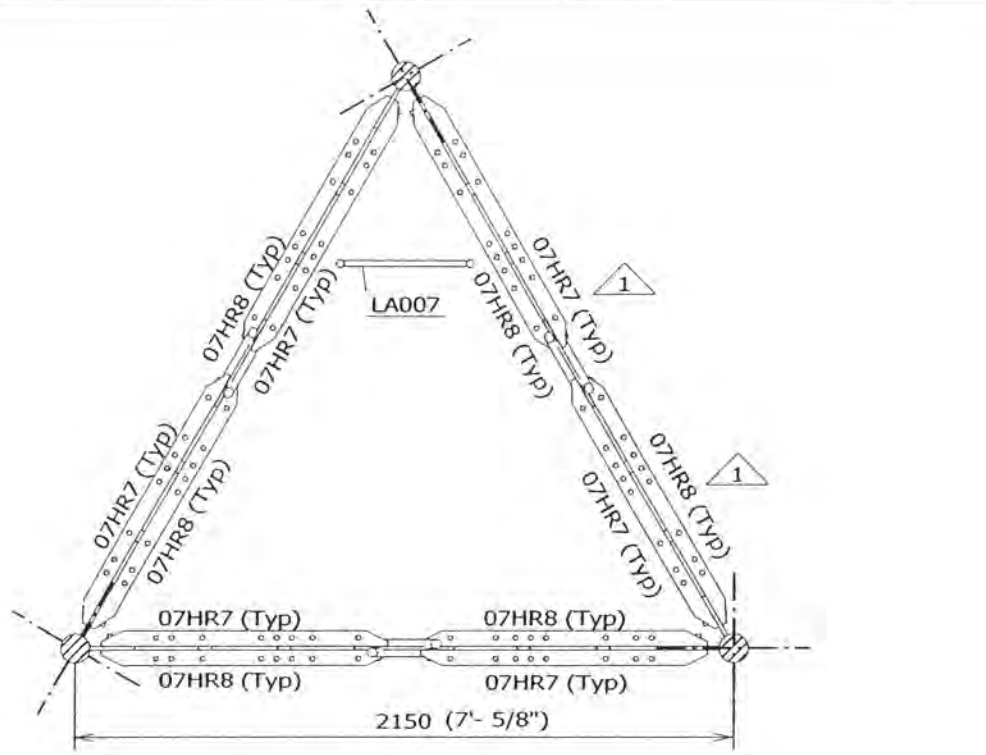
Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XH2  
 SR 3 3/4" LEG, SR 7/8"-X DIAG.

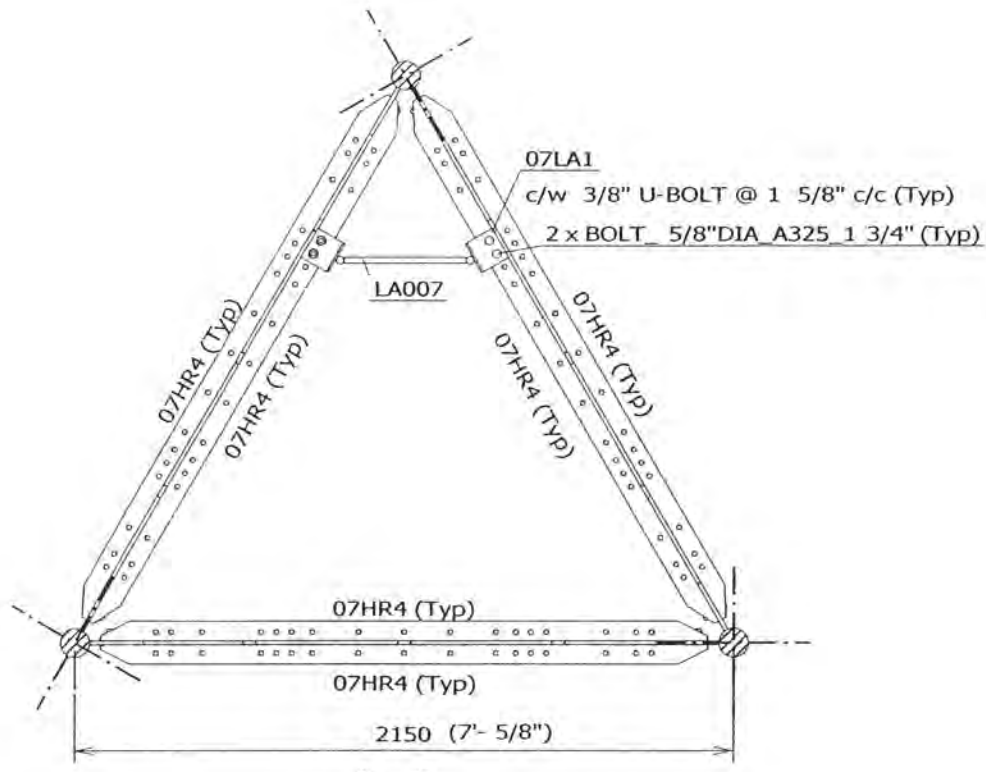
DWN: SIP	CHK'D: AAS	DATE: 28.02.2003
-------------	---------------	---------------------

ENG'R: BK	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07XH2-E02	REV: 0
--------------------------	-----------

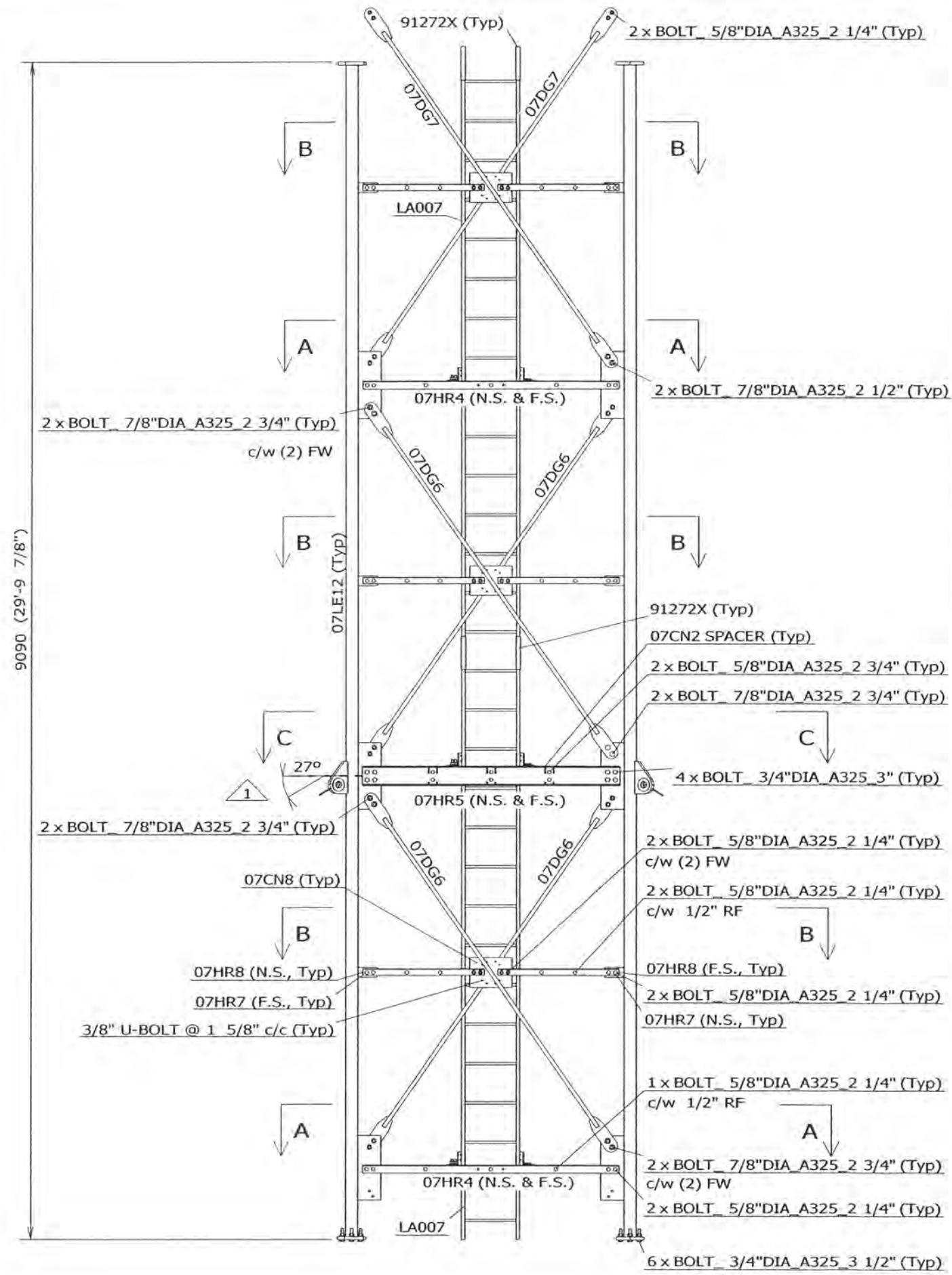


B - B



A - A

- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.
  - 5) FOR SECT C-C SEE Dwg 07XH8L3H0-E02.



FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BK
1	CORRECTED PART# ADDED GUY ANGLE	SIP	AAS	BK

DWG REFERENCE	
DWG	07XH8L3H0-E02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA  
 TELEPHONE +1 905 844-1242  
 FACSIMILE +1 905 844 6837  
 ST. CHARLES, MO, USA  
 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

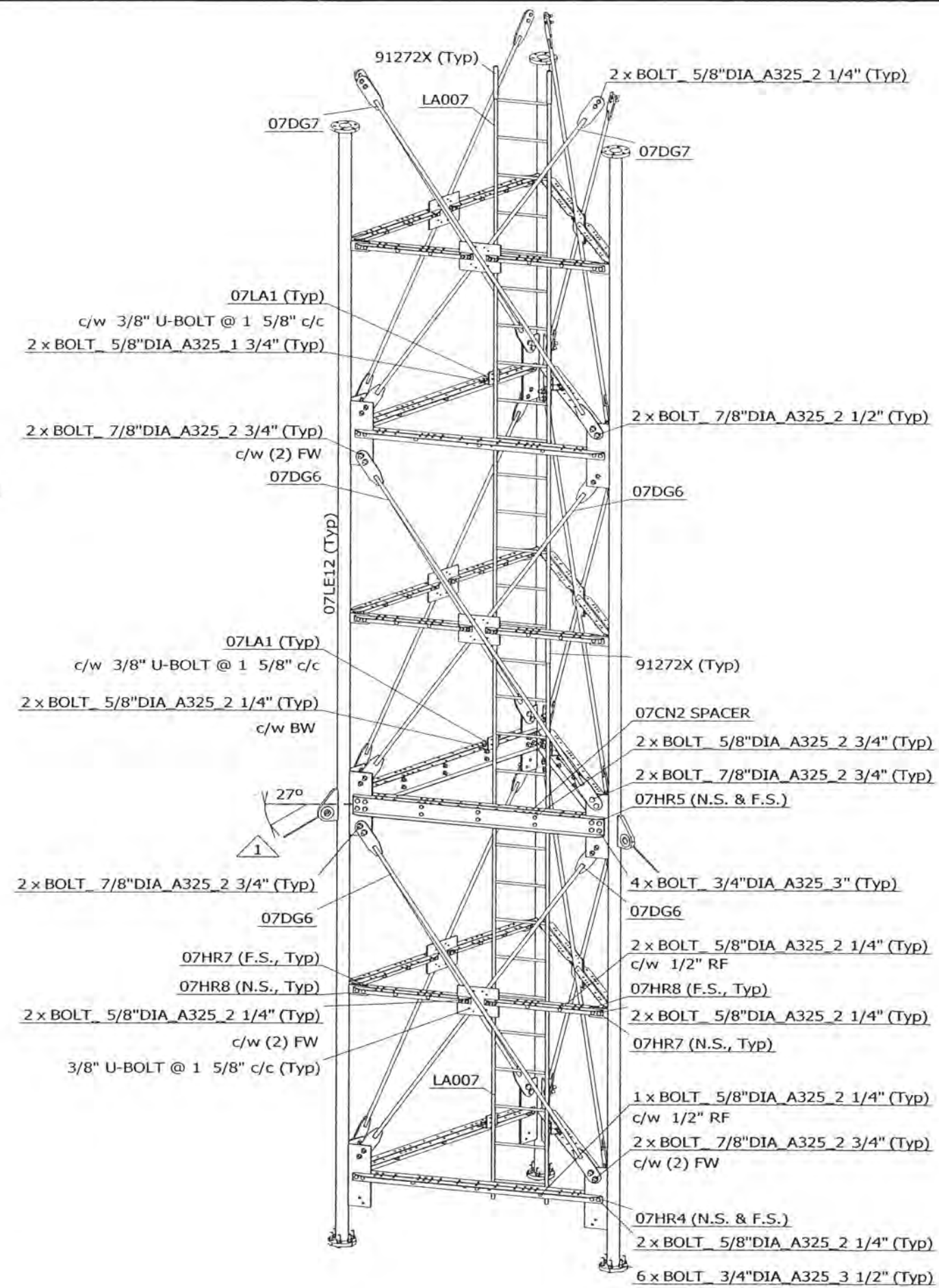
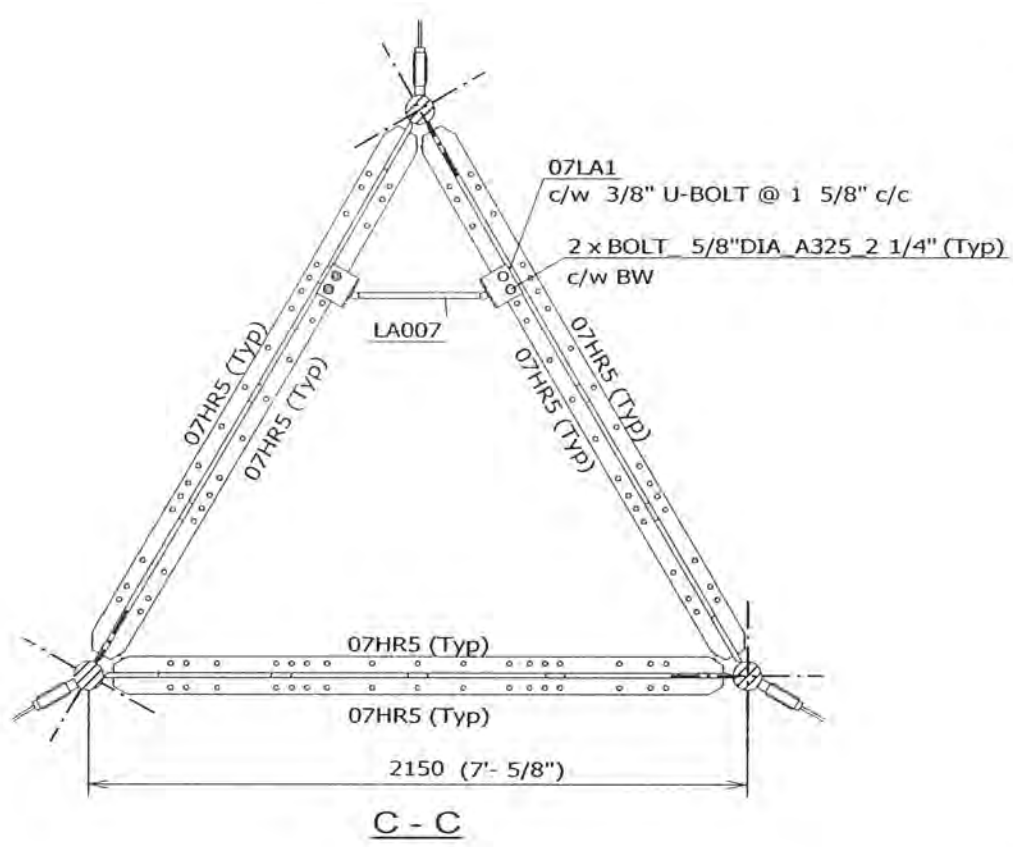
RT07 SERIES MAST  
 KIT# K07XH8L3H0  
 SR 3 3/4" LEG, SR 1 1/8"-X DIAG.  
 27 Deg, (0.813-0.875)UH

DWN:	CHK'D:	DATE:
SIP	AAS	28.02.2003

ENG'R:	ENG'R APP'D:
BK	

DRAWING NO:	REV:
07XH8L3H0-E01	1





- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BK
1	REMOVED GUY NAME	SIP	AAS	BK

DWG REFERENCE	
DWG	07XH8L3H0-E01
DWG	
DWG	
DWG	
DWG	
DWG	



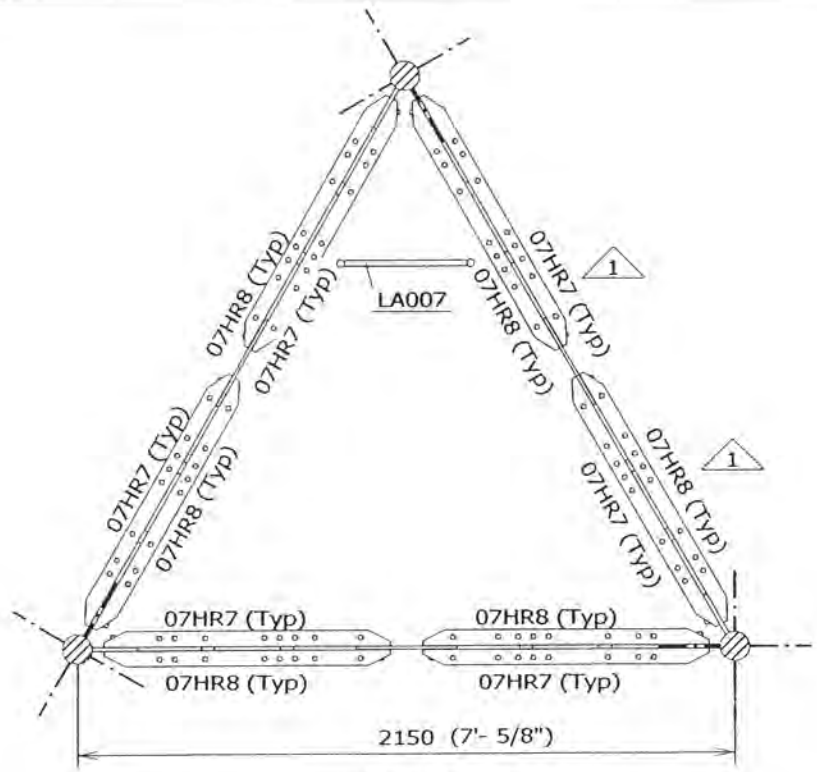
DANVILLE, ON, CANADA TELEPHONE +1 905 844-1242 FACSIMILE +1 905 844 8837  
 ST. CHARLES, MO, USA TELEPHONE +1 636 922 3250 FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

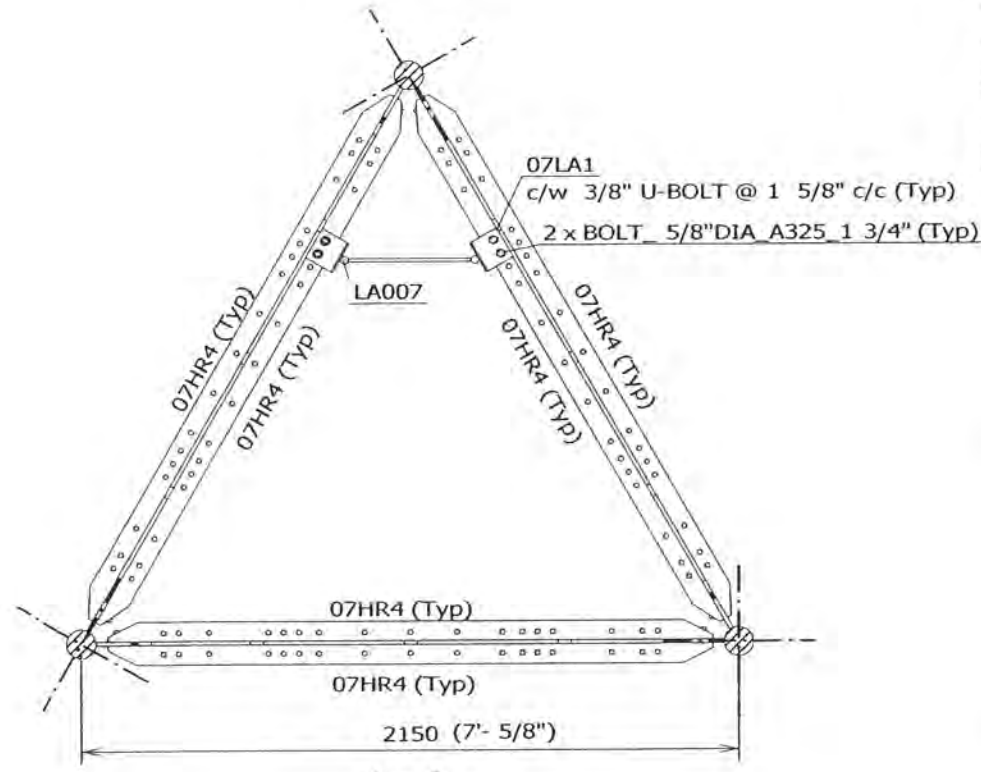
RT07 SERIES MAST  
 KIT# K07XH8L3H0  
 SR 3 3/4" LEG, SR 1 1/8"-X DIAG.  
 27 Deg, (0.813-0.875)UH

DWN: SIP	CHK'D: AAS	DATE: 03.03.2003
ENG'R: BK	ENG'R APP'D:	

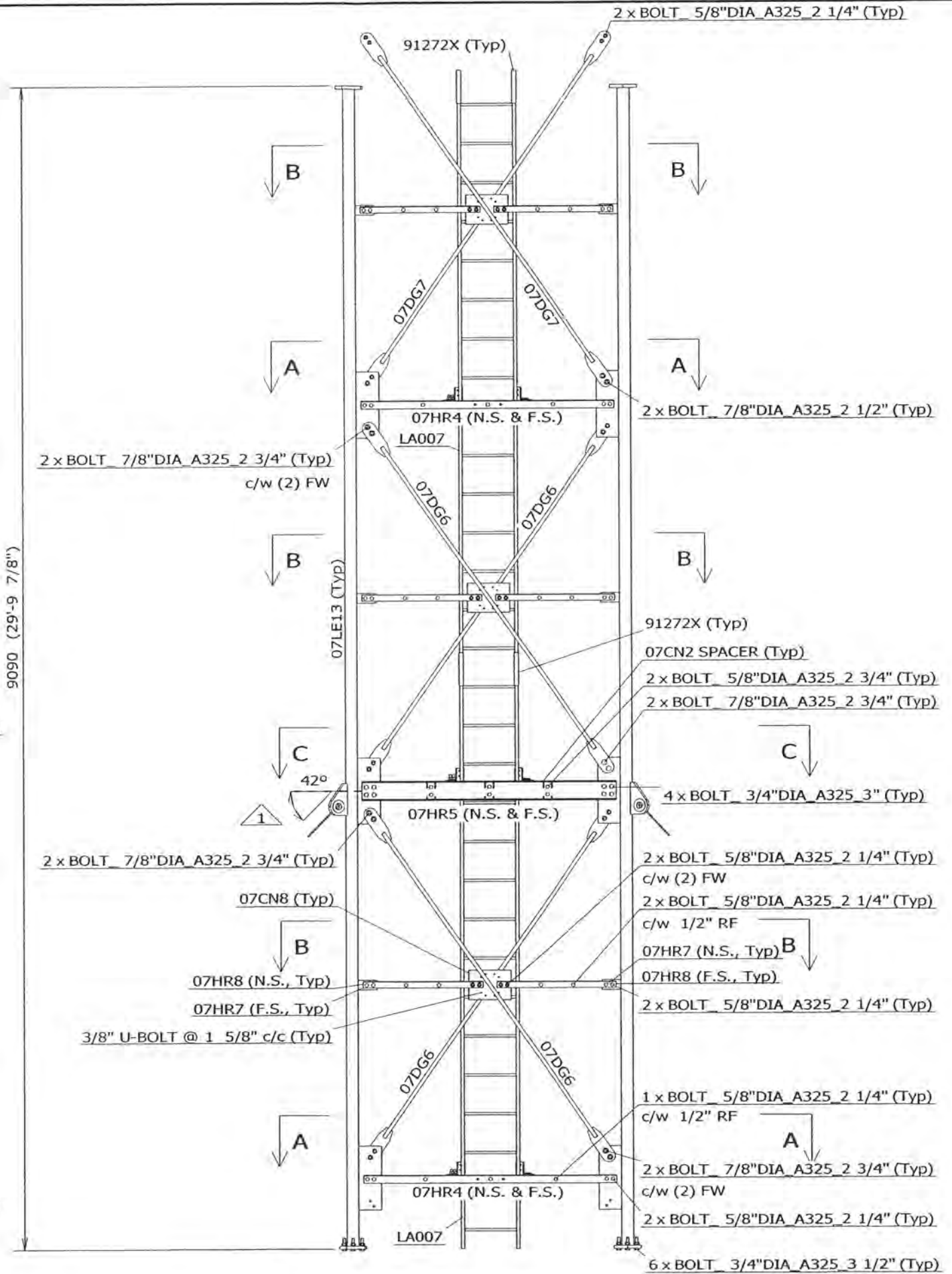
DRAWING NO: 07XH8L3H0-E02 REV: 1



B - B



A - A



- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.
  - 5) FOR SECT C-C SEE Dwg 07XH8L3H3-E02.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BK
1	CORRECTED PART# ADDED GUY ANGLE	SIP	AAS	BK

DWG REFERENCE	
DWG	07XH8L3H3-E02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA  
 TELEPHONE +1 905 844-1242  
 FACSIMILE +1 905 844 8837  
 ST. CHARLES, MO, USA  
 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 636 922 3238  
 www.radiancorp.com

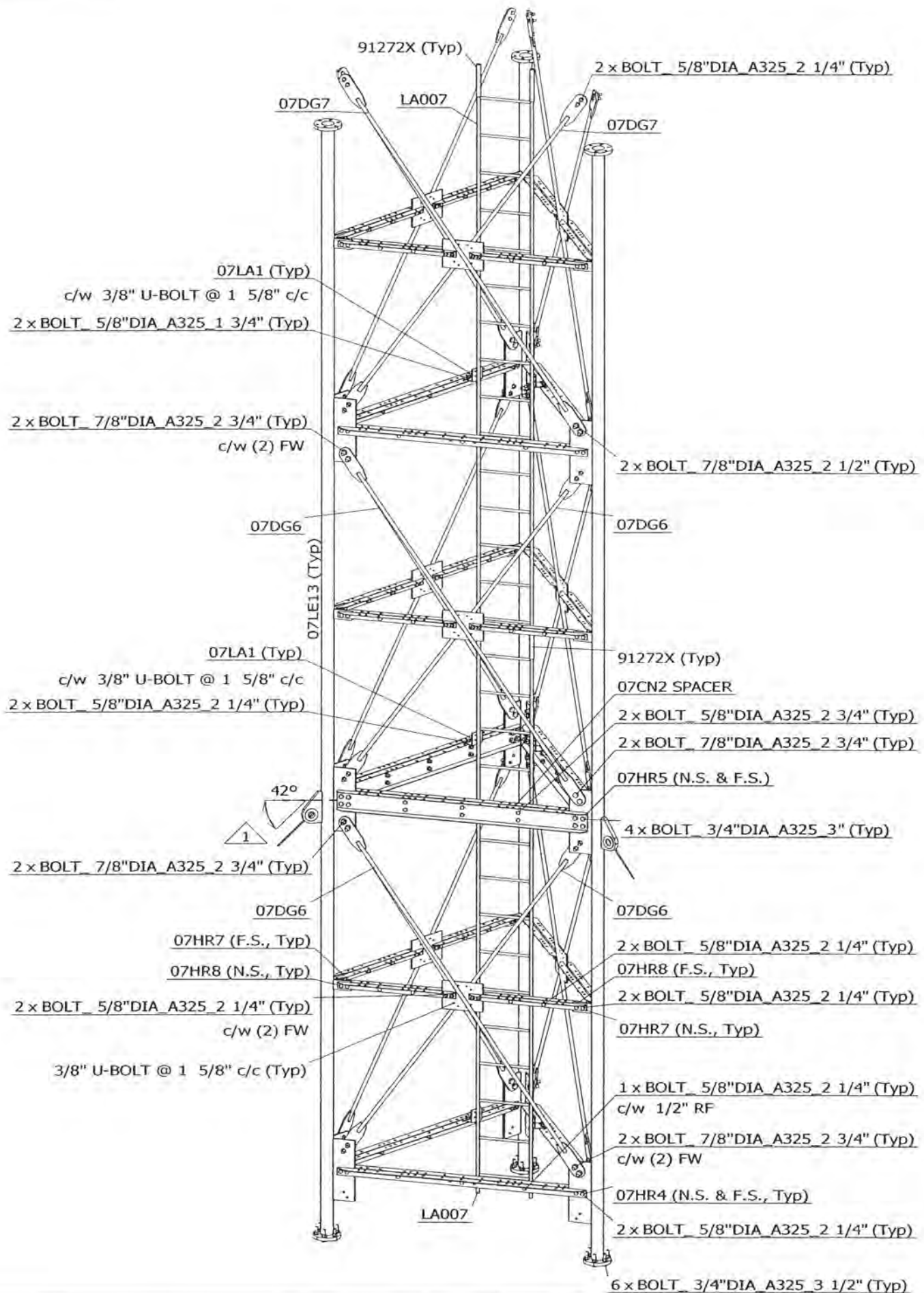
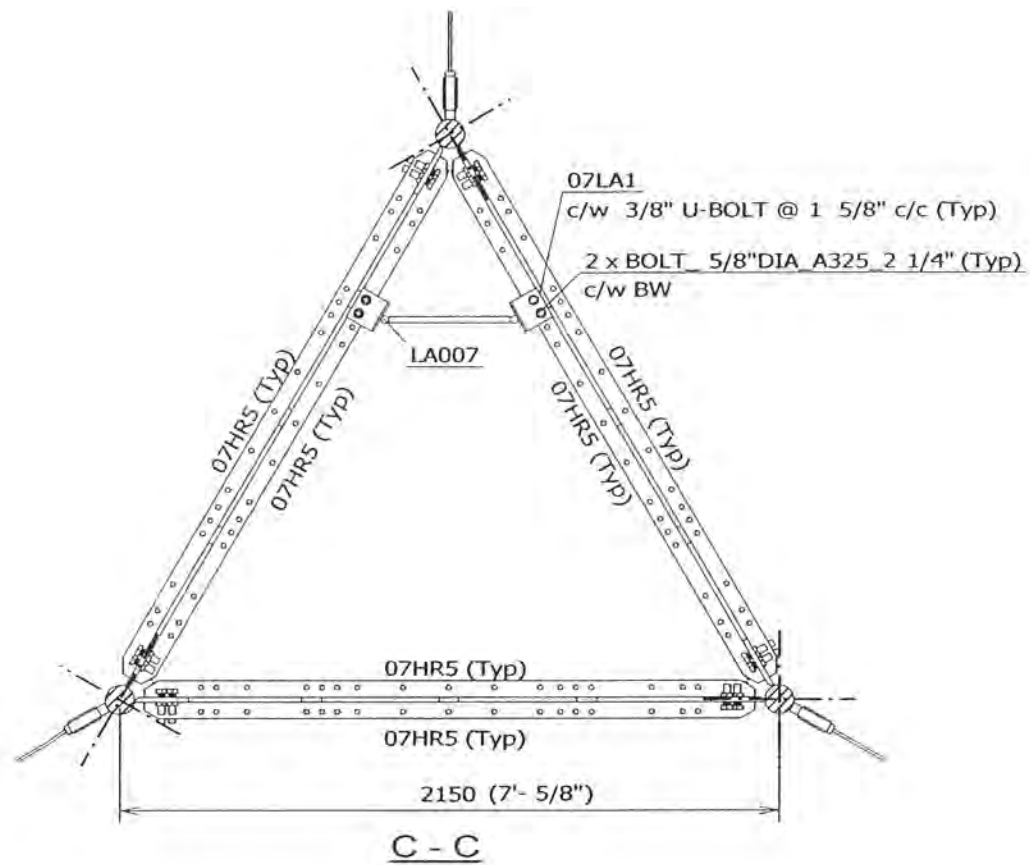
Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XH8L3H3  
 SR 3 3/4" LEG, SR 1 1/8"-X DIAG.  
 42 Deg, (0.813-0.875)UH

DWN: SIP	CHK'D: AAS	DATE: 03.03.2003
-------------	---------------	---------------------

ENG'R: BK	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07XH8L3H3-E01	REV: 1
------------------------------	-----------



- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SJP	AAS	BK
1	REMOVED GUY NAME	SJP	AAS	BK

DWG REFERENCE	
DWG	07XH8L3H3-E01
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

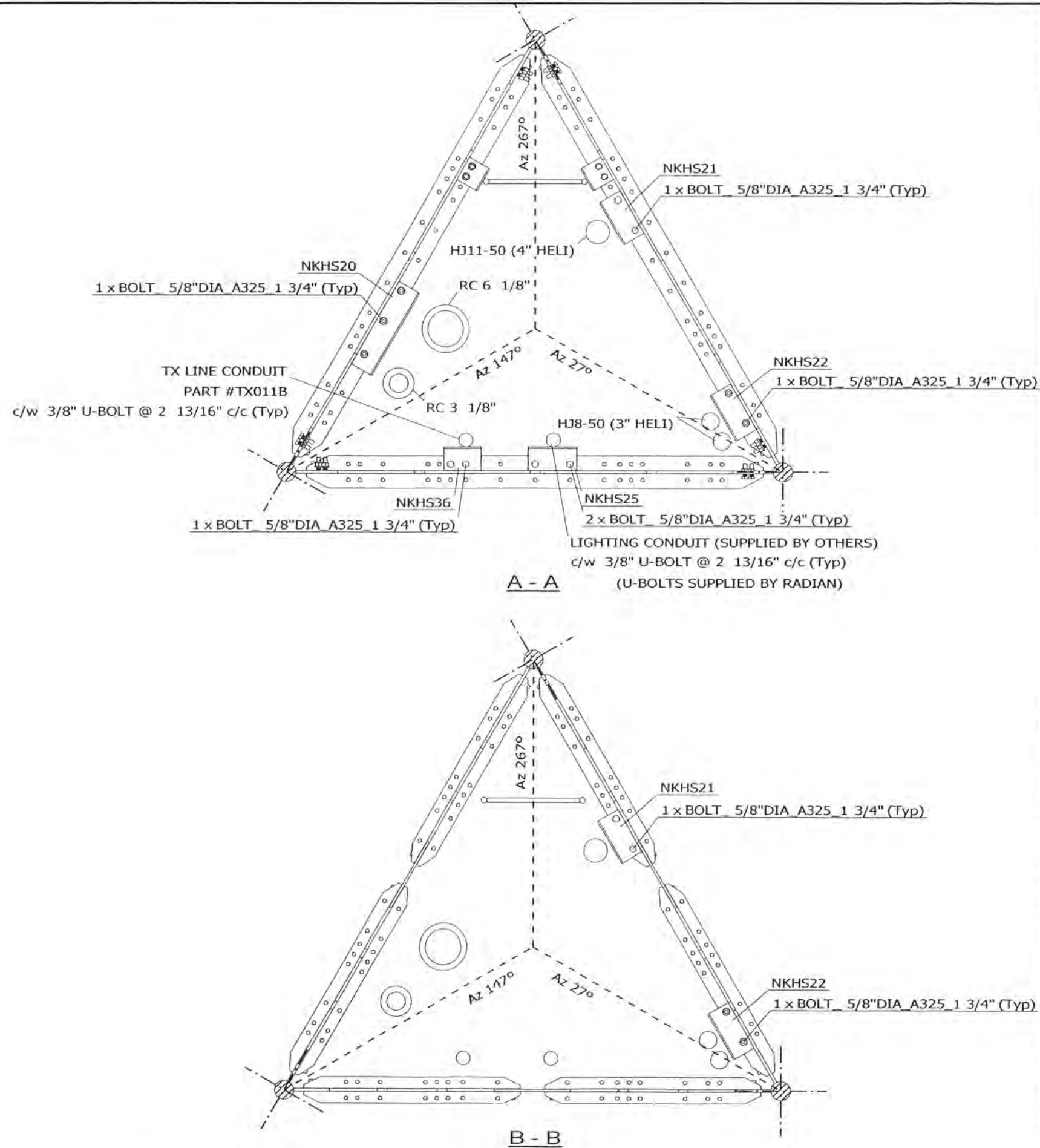
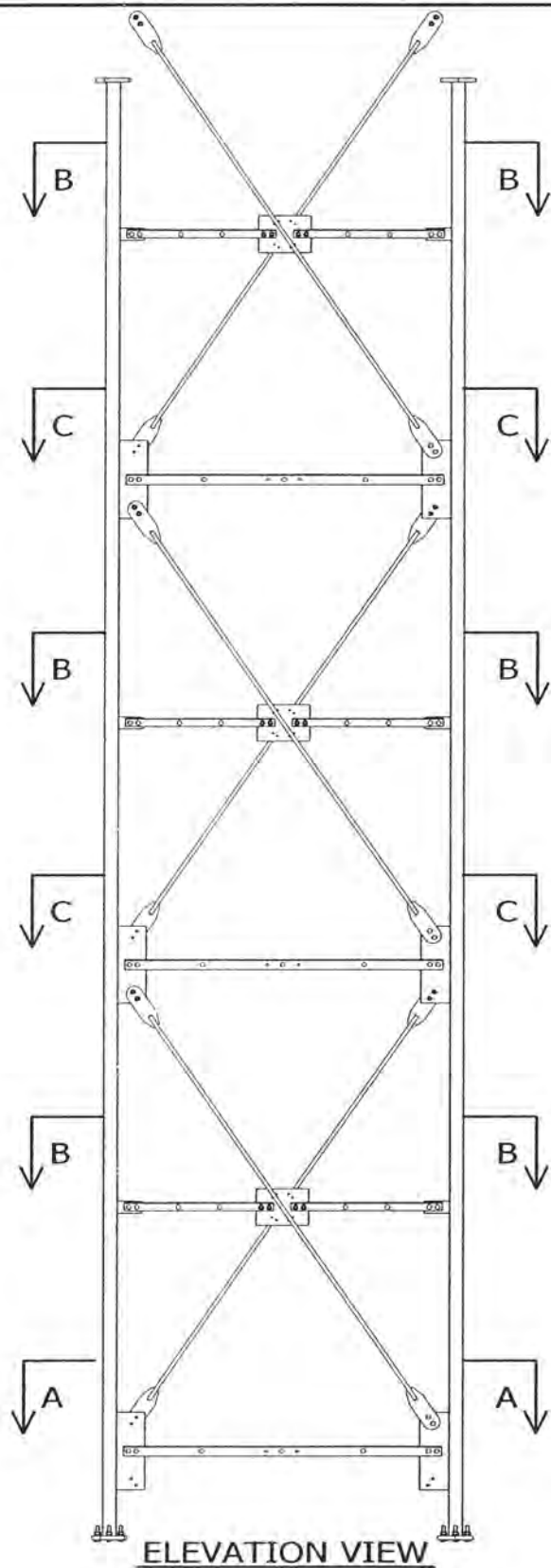
RT07 SERIES MAST  
 KIT# K07XH8L3H3  
 SR 3 3/4" LEG, SR 1 1/8"-X DIAG.  
 42 Deg, (0.813-0.875)UH

DWN: SJP	CHK'D: AAS	DATE: 03.03.2003
-------------	---------------	---------------------

ENG'R: BK	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07XH8L3H3-E02	REV: 1
------------------------------	-----------





FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	FU

DWG REFERENCE	
DWG	07-NKHS-E13-02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited.

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 15,17,18-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 26.03.2003
-------------	---------------	---------------------

ENG'R: EV      ENG'R APP'D:

DRAWING NO: 07-NKHS-E13-01	REV: 0
-------------------------------	-----------

- NOTES:
- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
  - 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
  - 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
  - 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
  - 5) FOR SECT C-C SEE Dwg 07-NKHS-E13-02.

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E13-01
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	



OARVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

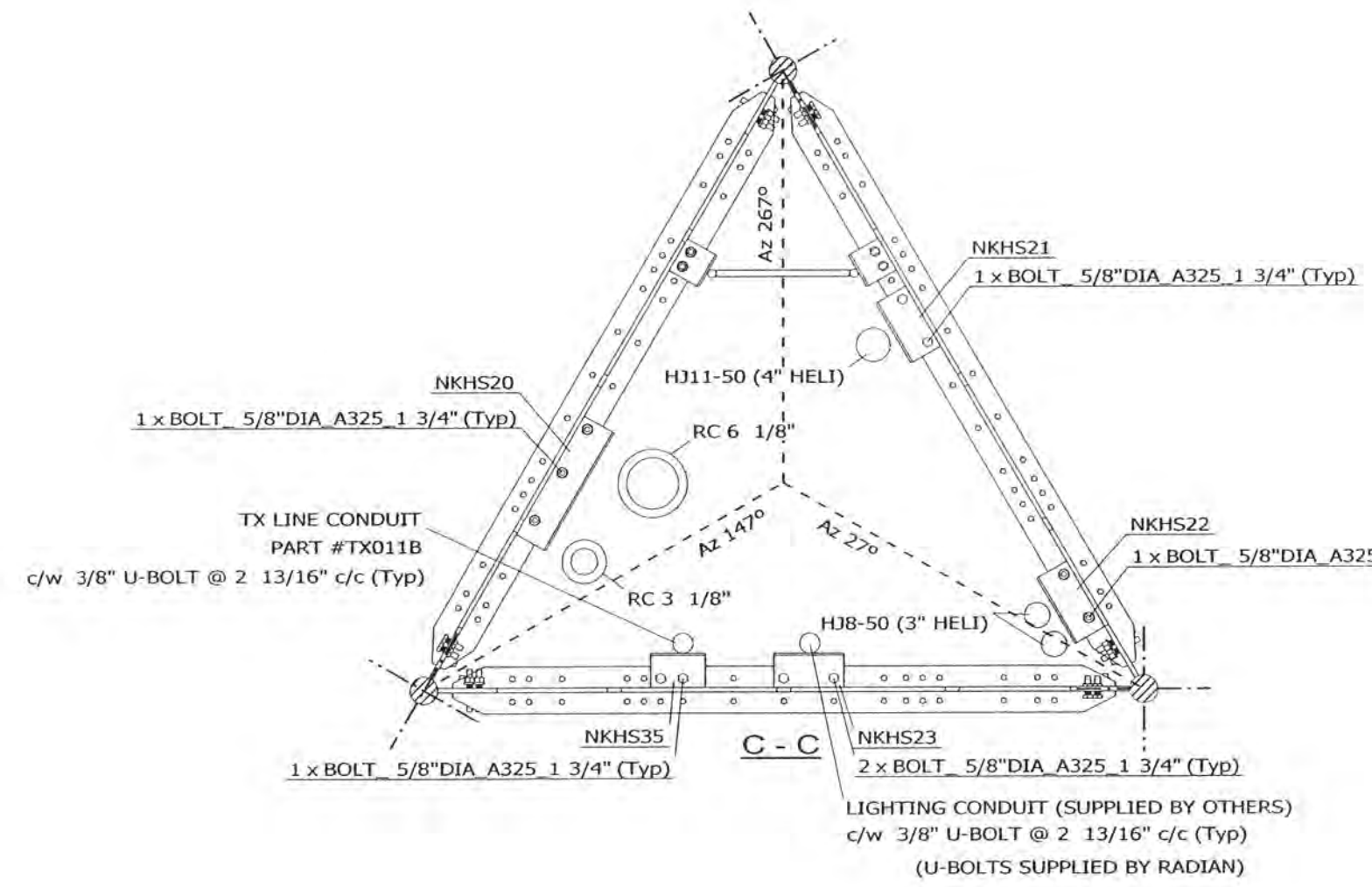
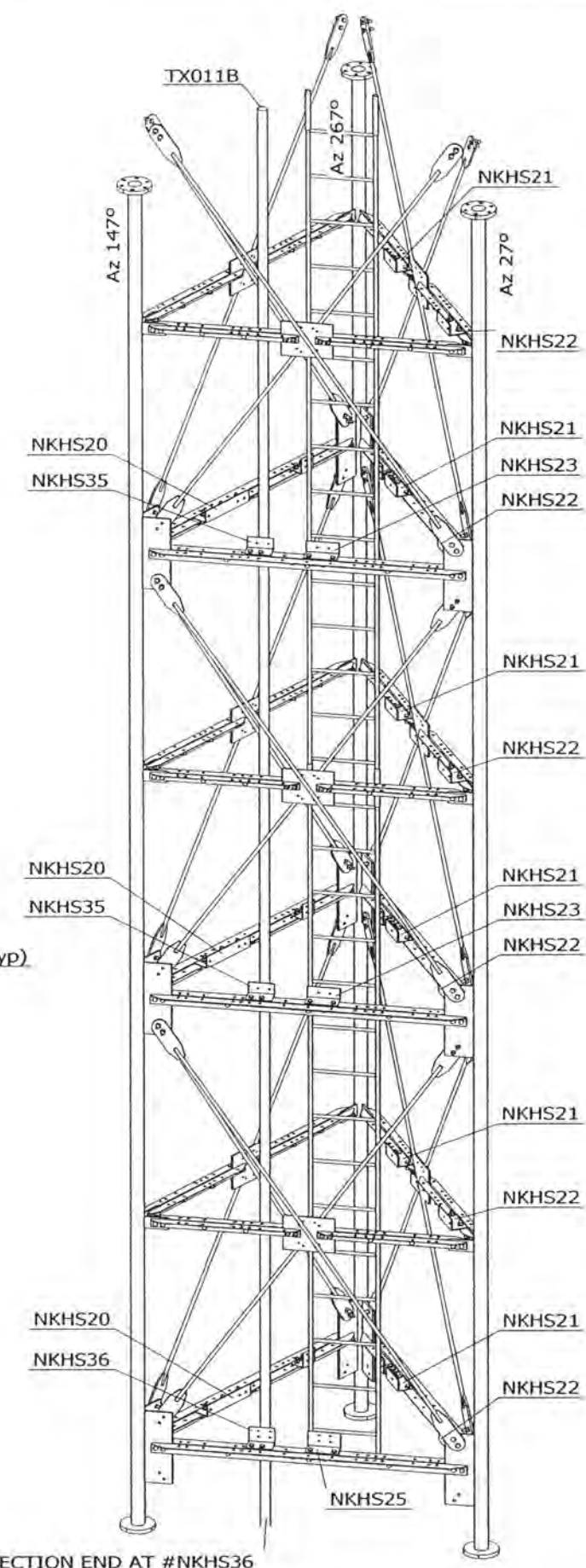
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 15,17,18-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN:	CHK'D:	DATE:
SIP	AAS	26.03.2003

ENG'R:	ENG'R APP'D:
EV	

DRAWING NO:	REV:
07-NKHS-E13-02	0



- NOTES:
- #NKHS36 IS SPLICE BRACKET TO SUPPORT CONDUITS FOR THIS SECTION AND CONDUITS FOR THE BELOW SECTION.
  - FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.

CONDUITS FOR BELOW SECTION END AT #NKHS36 (EACH CONDUIT SPLICED BY ONE U-BOLT OF #NKHS36)

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SJP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E14-02
DWG	
DWG	
DWG	
DWG	
DWG	



**RADIAN**

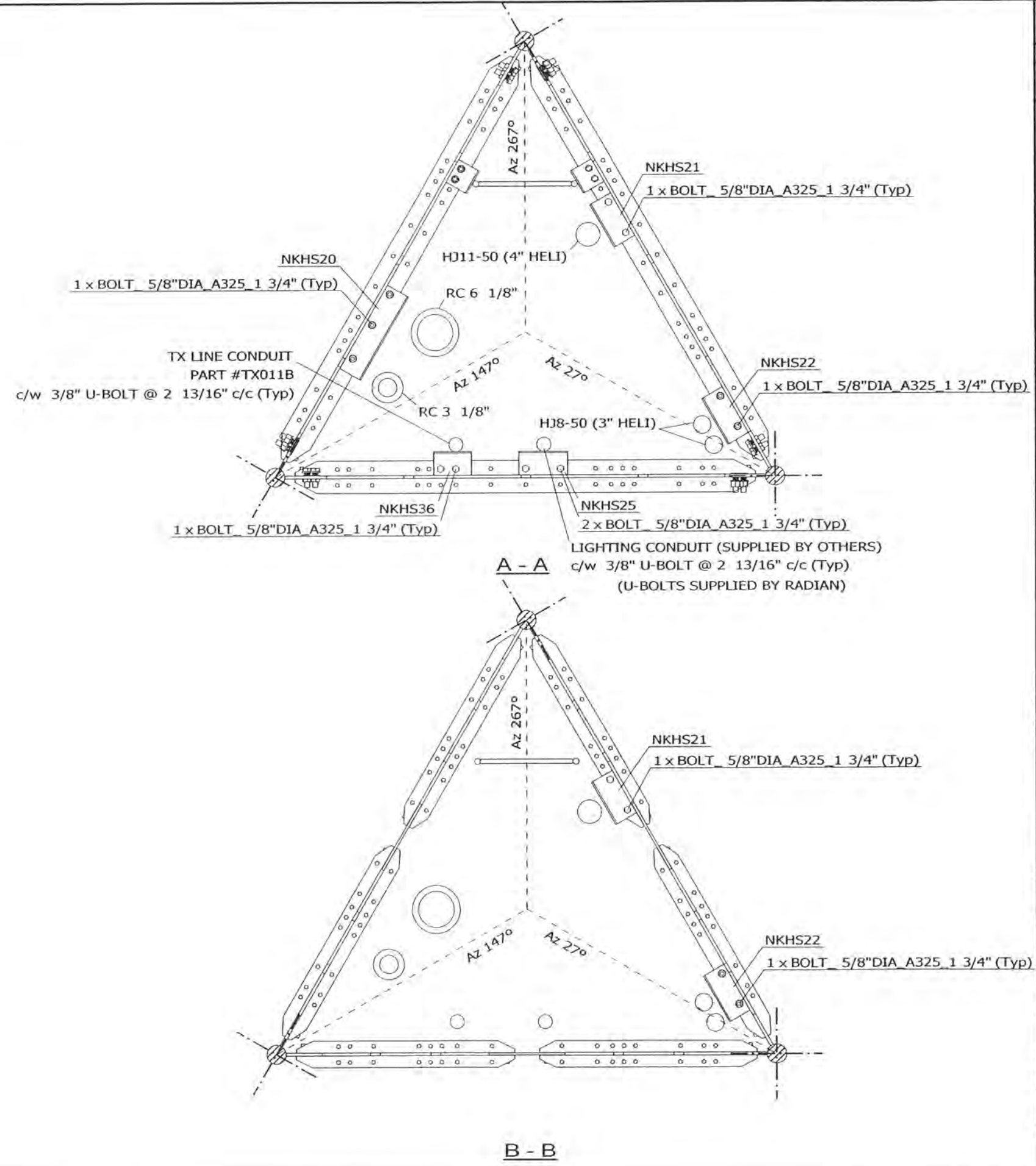
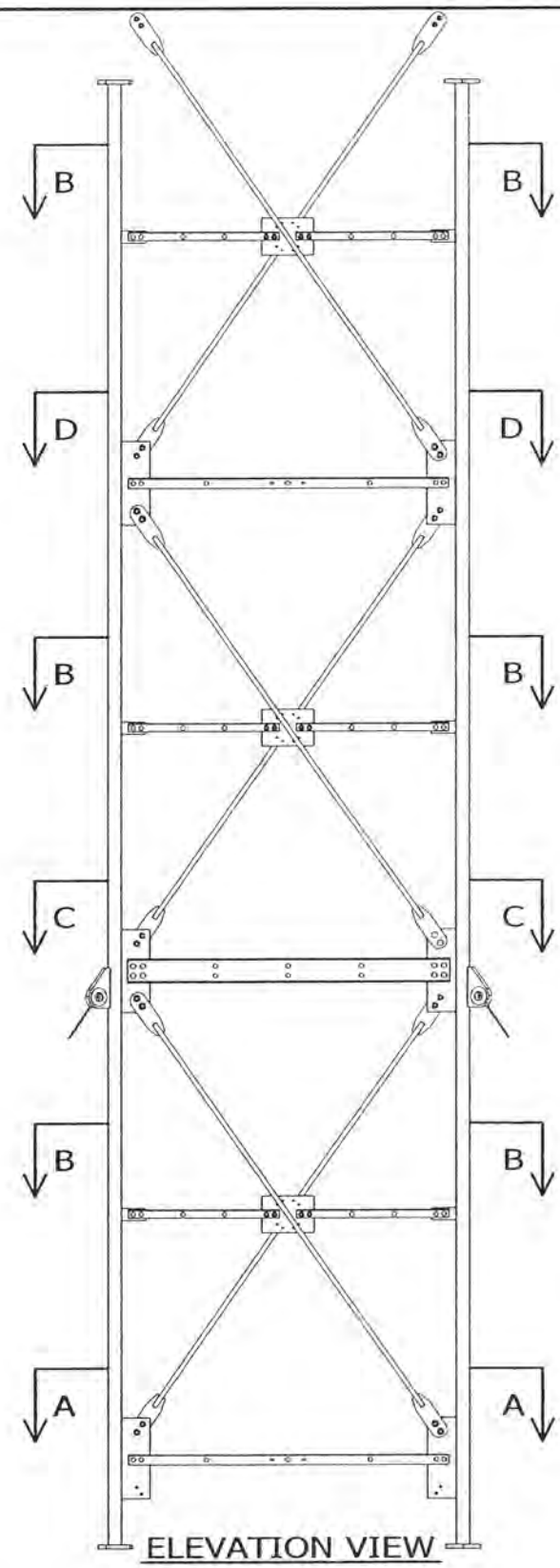
OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 16-TX & LIGHTING SUPPORT  
 NORFOLK, NE

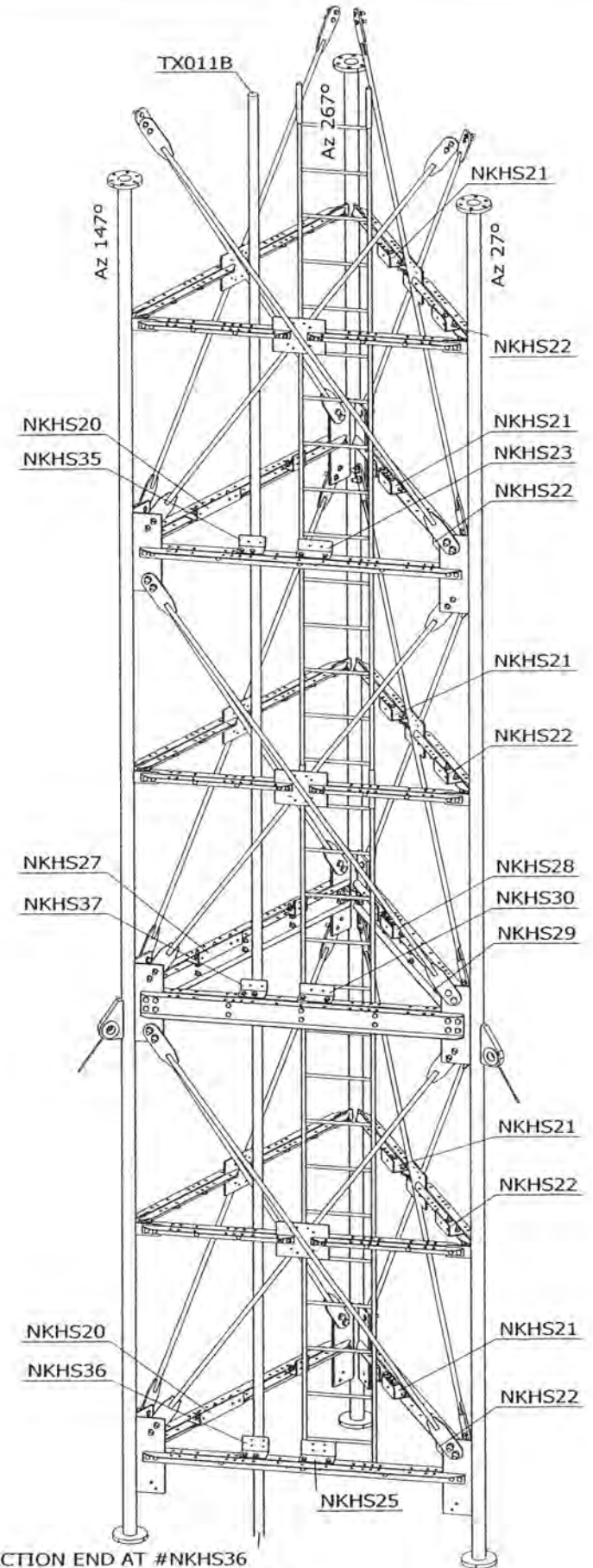
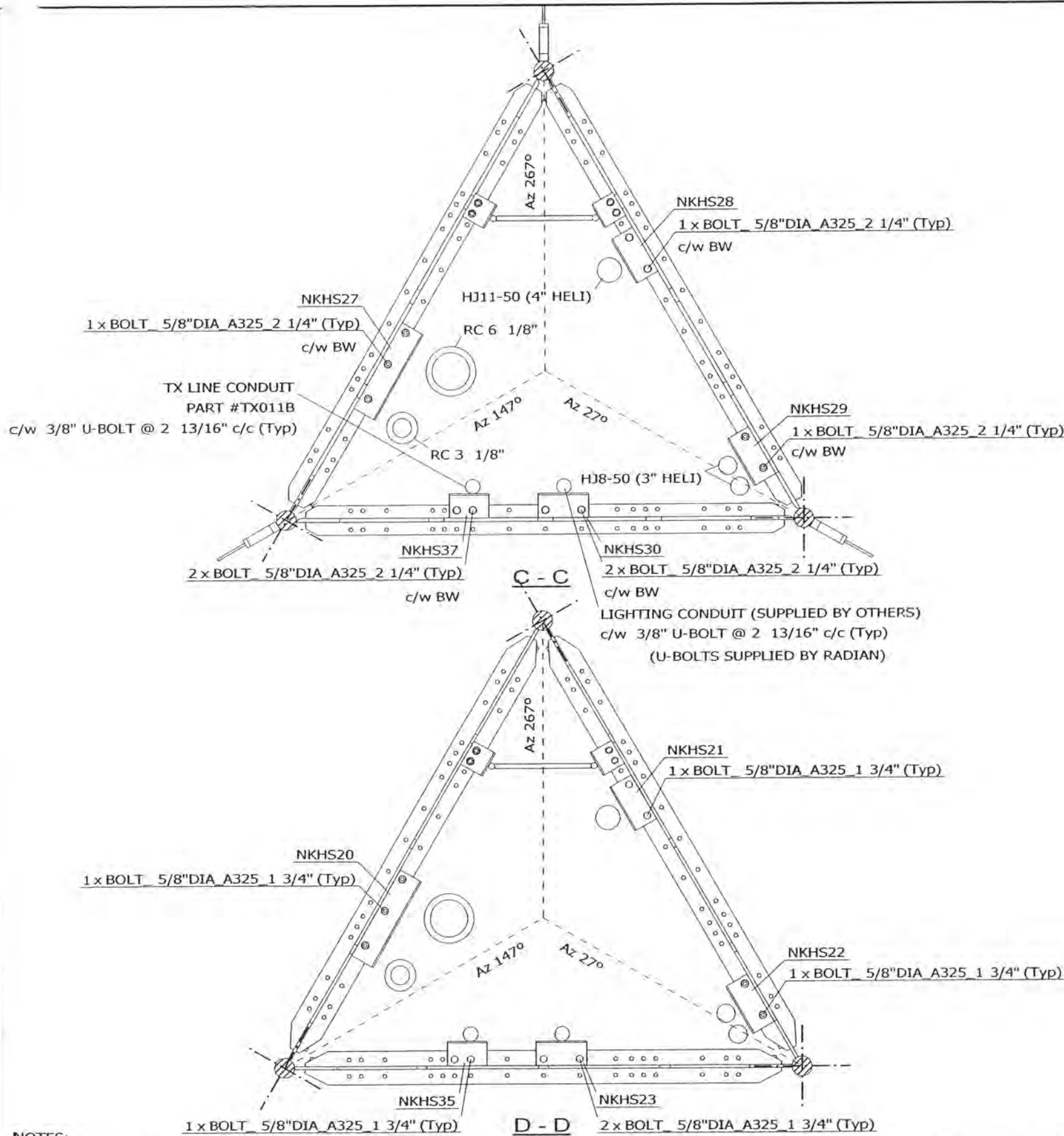
DWN: SJP	CHK'D: AAS	DATE: 26.03.2003
ENG'R: EV	ENG'R APP'D:	

DRAWING NO: 07-NKHS-E14-01	REV: 0
-------------------------------	-----------



- NOTES:
- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
  - 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
  - 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
  - 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
  - 5) FOR SECT C-C & D-D SEE Dwg 07-NKHS-E14-02.





NOTES:  
 1) #NKHS36 IS SPLICE BRACKET TO SUPPORT CONDUITS FOR THIS SECTION AND CONDUITS FOR THE BELOW SECTION.  
 2) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.

CONDUITS FOR BELOW SECTION END AT #NKHS36  
 (EACH CONDUIT SPLICED BY ONE U-BOLT OF #NKHS36)

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E14-01
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837 FACSIMILE +1 636 922 3238  
 www.radiancorp.com

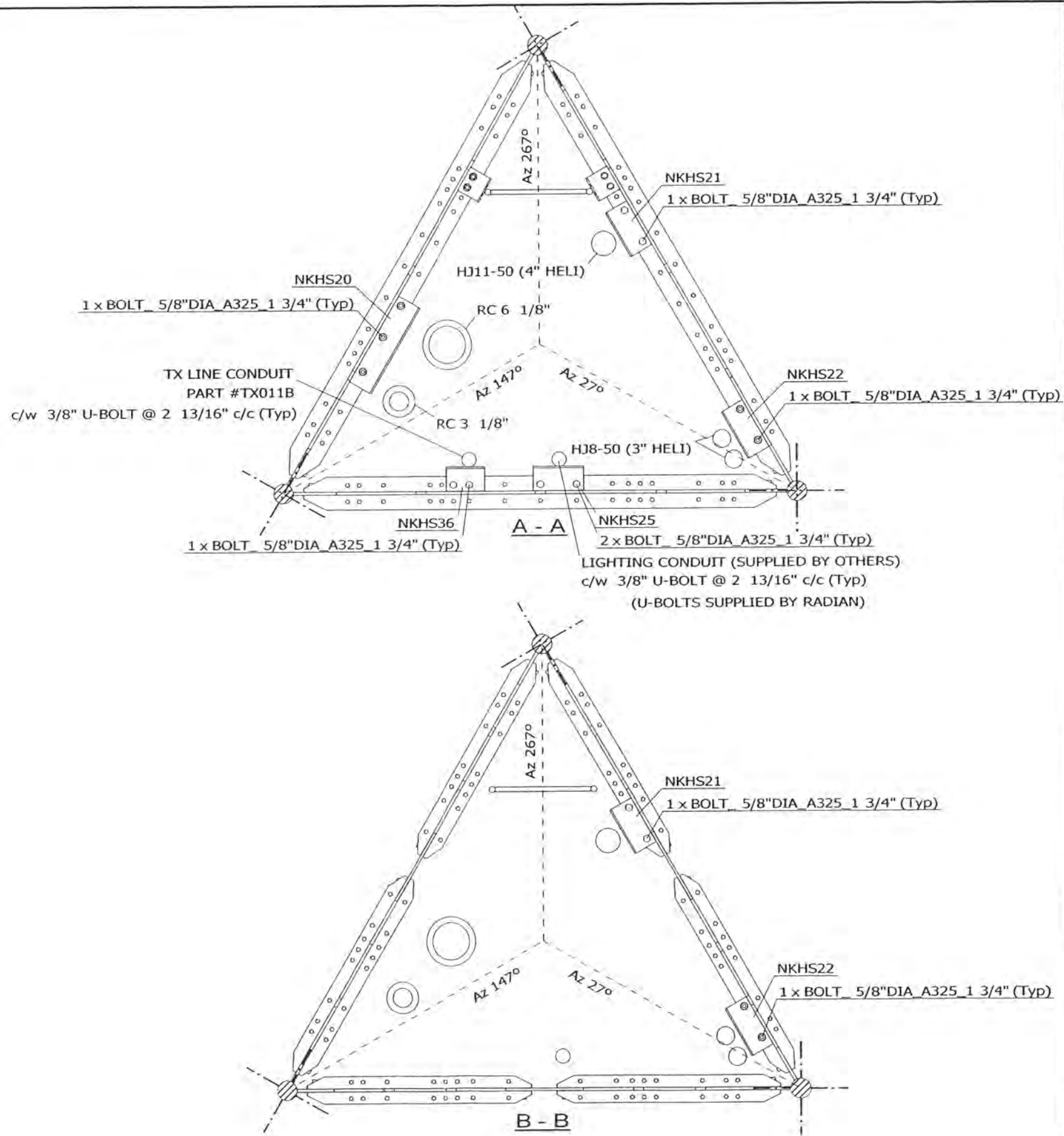
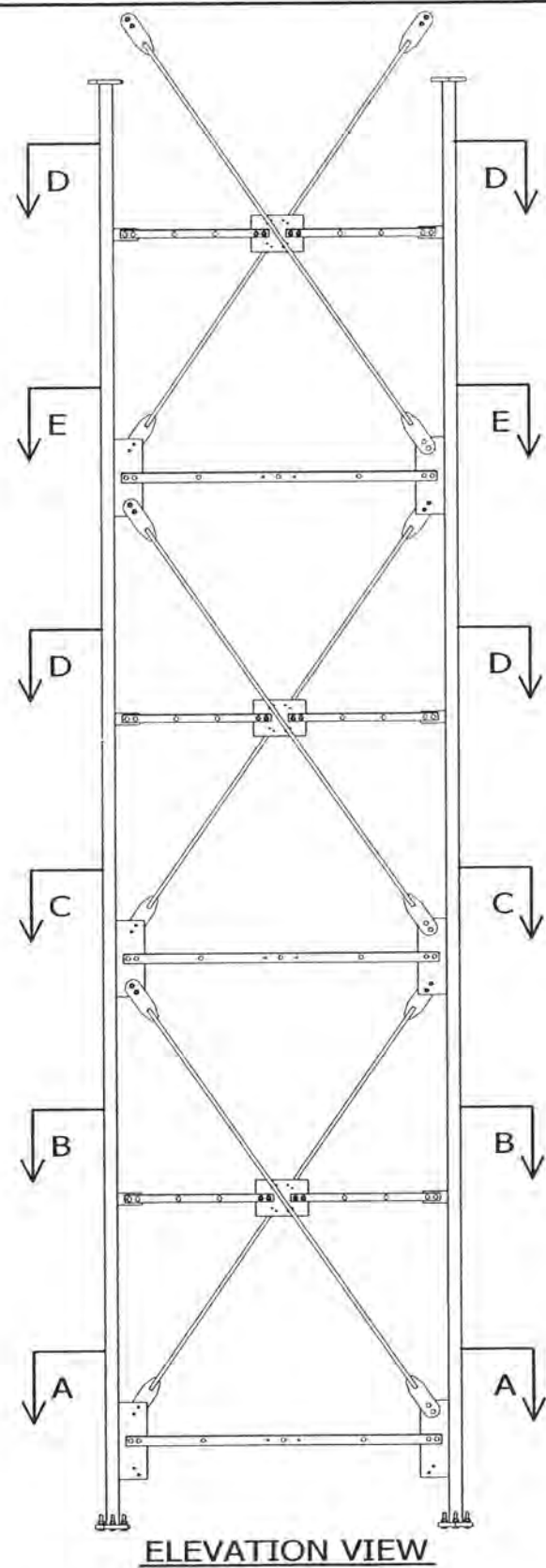
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 16-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 26.03.2003
-------------	---------------	---------------------

ENG'R: EV	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07-NKHS-E14-02	REV: 0
-------------------------------	-----------



- NOTES:
- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
  - 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
  - 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
  - 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
  - 5) FOR SECT C-C, D-D & E-E SEE Dwg 07-NKHS-E15-02.

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E15-02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

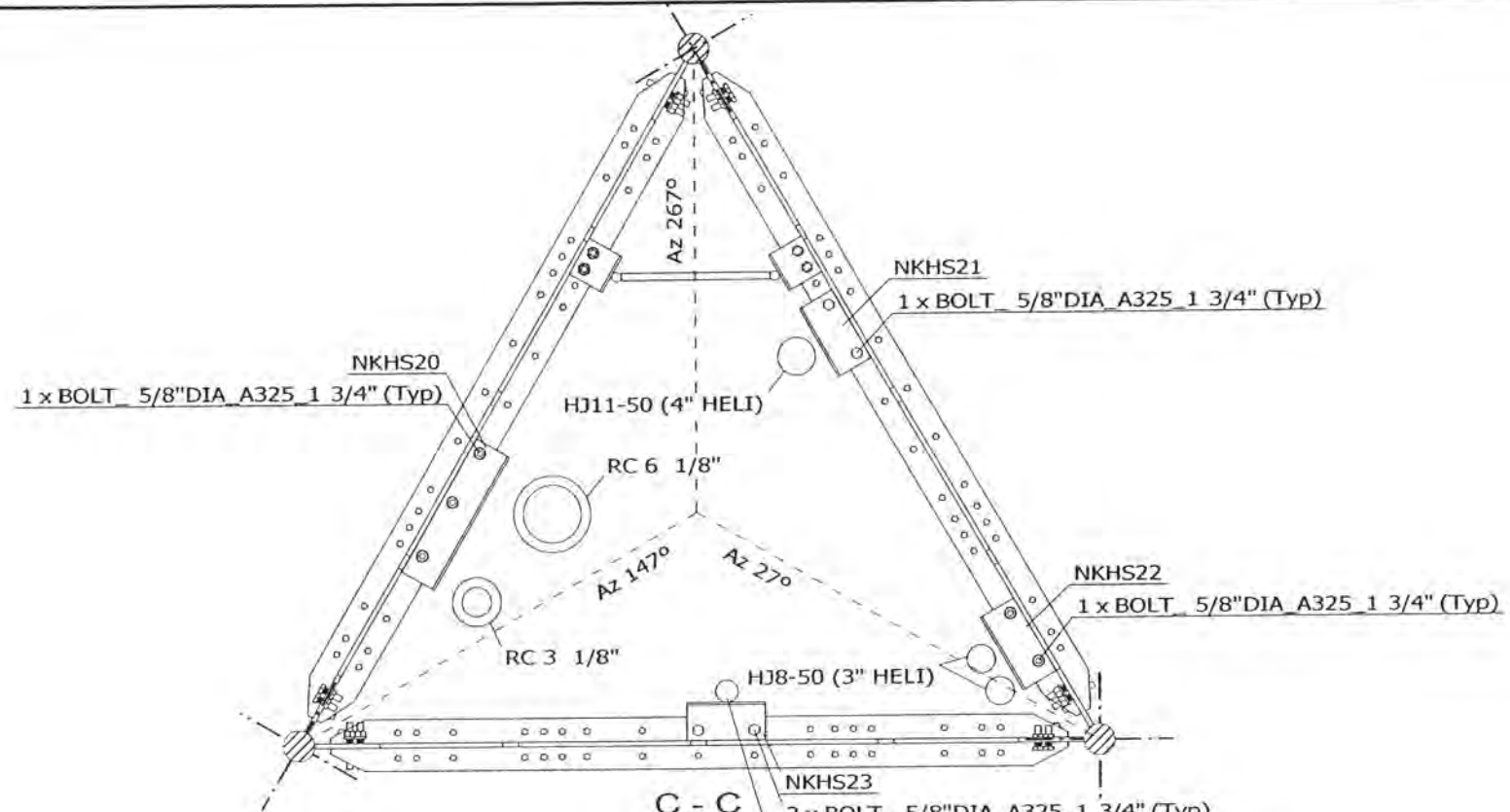
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 19-TX & LIGHTING SUPPORT  
 NORFOLK, NE

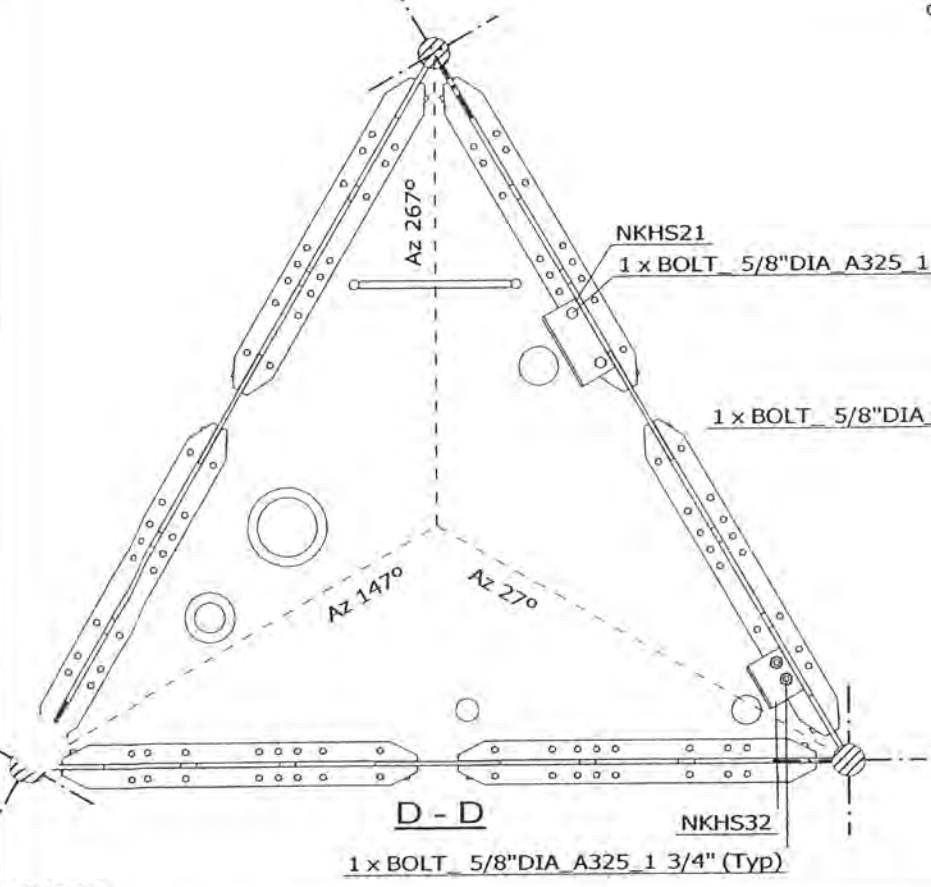
DWN:	CHK'D:	DATE:
SIP	AAS	26.03.2003
ENG'R:	ENG'R APP'D:	
EV		
DRAWING NO:	REV:	
07-NKHS-E15-01	0	

FILE NO.: 02-017-0123

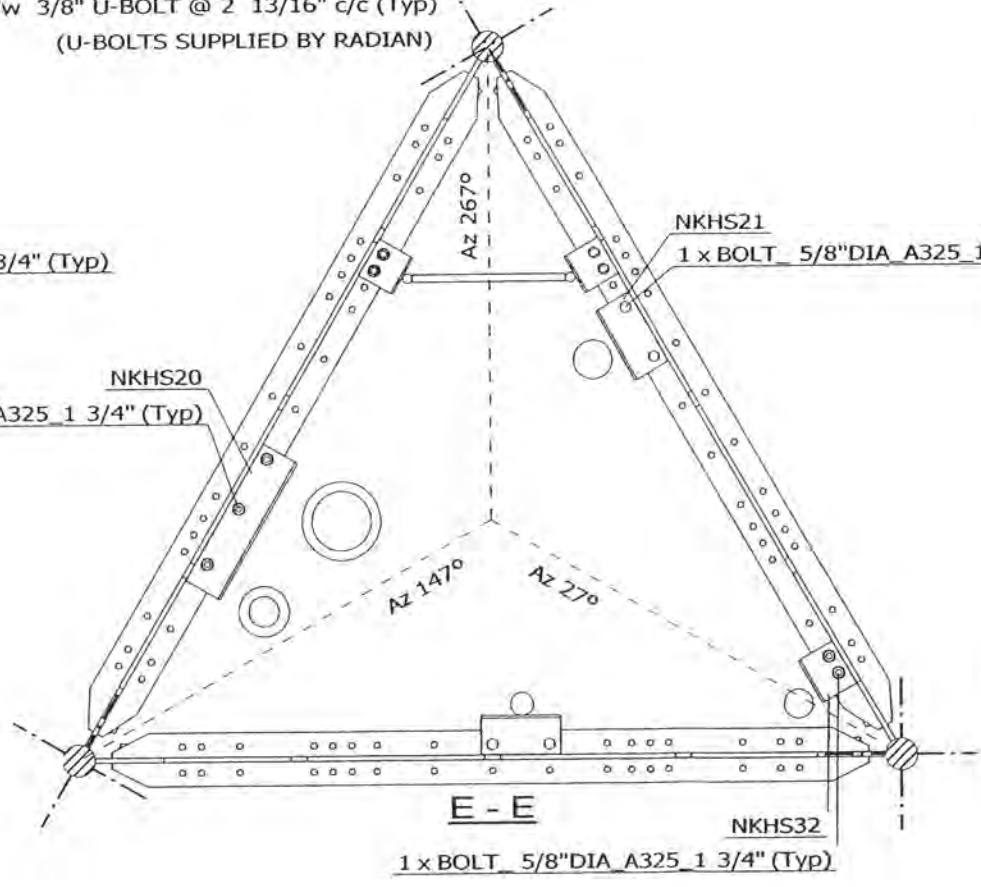
REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV



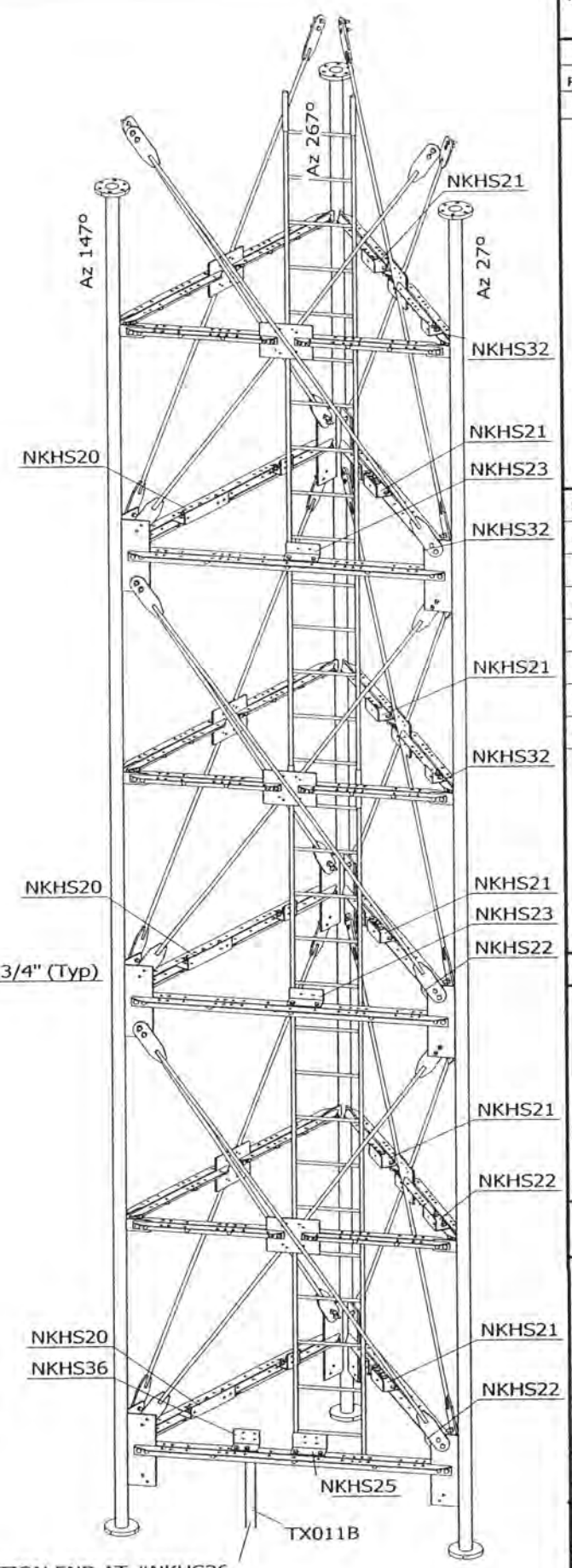
**C - C**  
 2 x BOLT 5/8" DIA A325 1 3/4" (Typ)  
 LIGHTING CONDUIT (SUPPLIED BY OTHERS)  
 c/w 3/8" U-BOLT @ 2 13/16" c/c (Typ)  
 (U-BOLTS SUPPLIED BY RADIAN)



**D - D**  
 1 x BOLT 5/8" DIA A325 1 3/4" (Typ)



**E - E**  
 1 x BOLT 5/8" DIA A325 1 3/4" (Typ)



NOTES:  
 1) #NKHS36 IS SPLICE BRACKET TO SUPPORT CONDUITS FOR THIS SECTION AND CONDUITS FOR THE BELOW SECTION.  
 2) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.

CONDUITS FOR BELOW SECTION END AT #NKHS36  
 (EACH CONDUIT SPLICED BY ONE U-BOLT OF #NKHS36)

DWG REFERENCE	
DWG	07-NKHS-E15-01
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

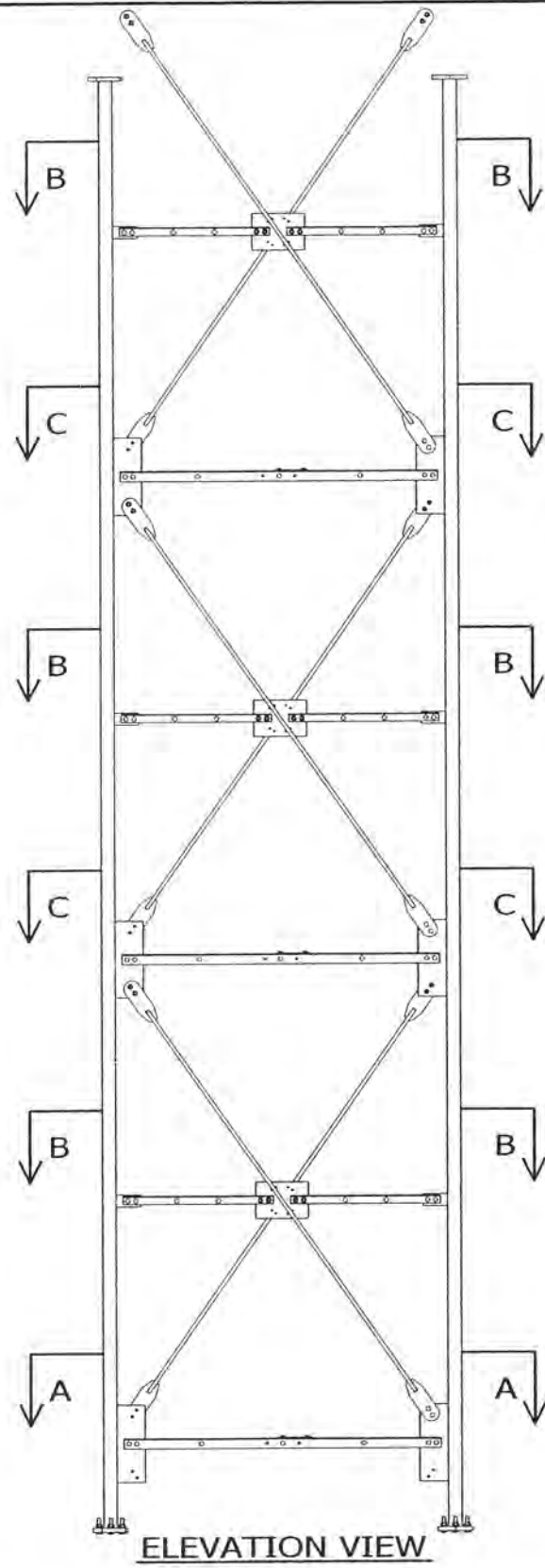
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 19-TX & LIGHTING SUPPORT  
 NORFOLK, NE

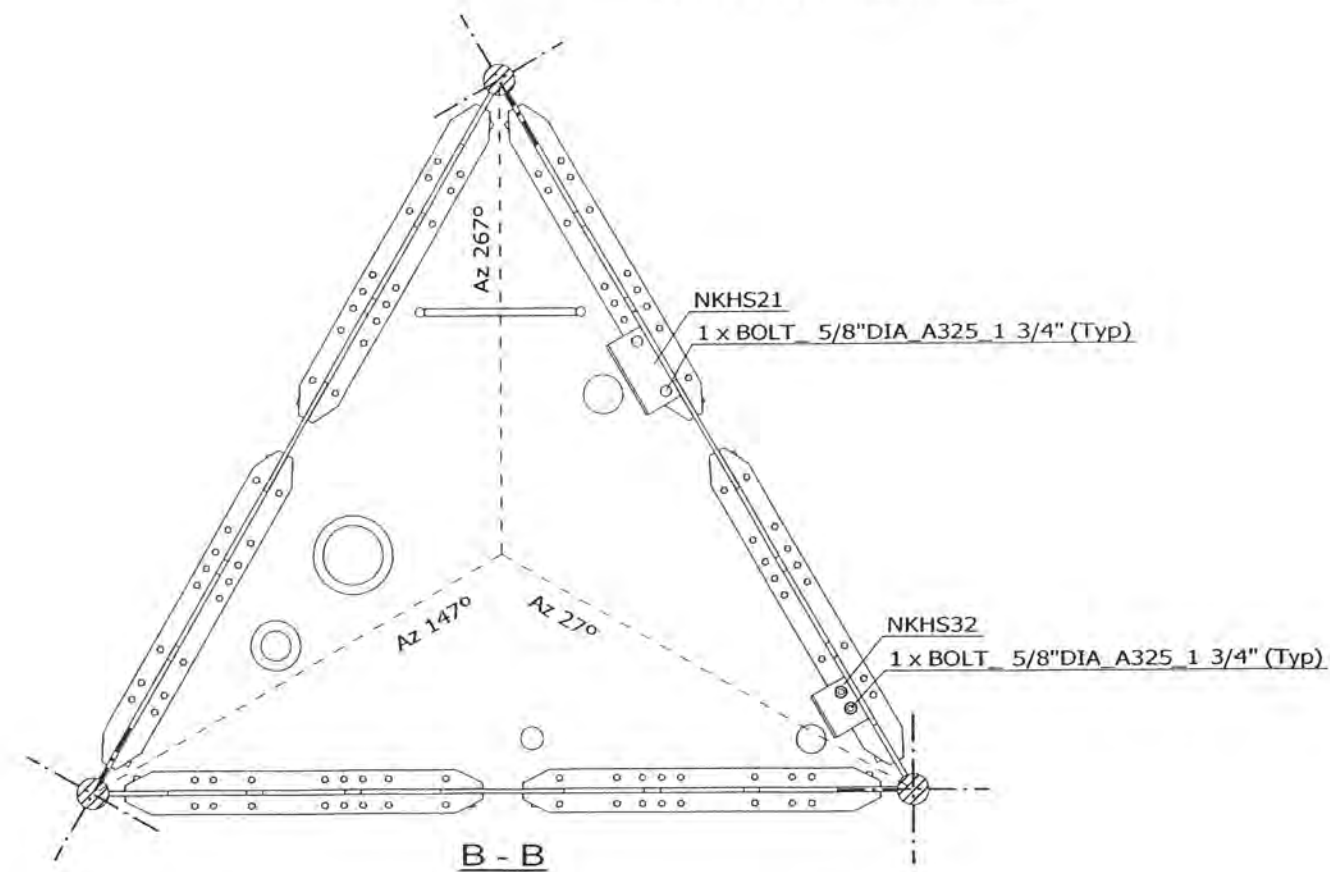
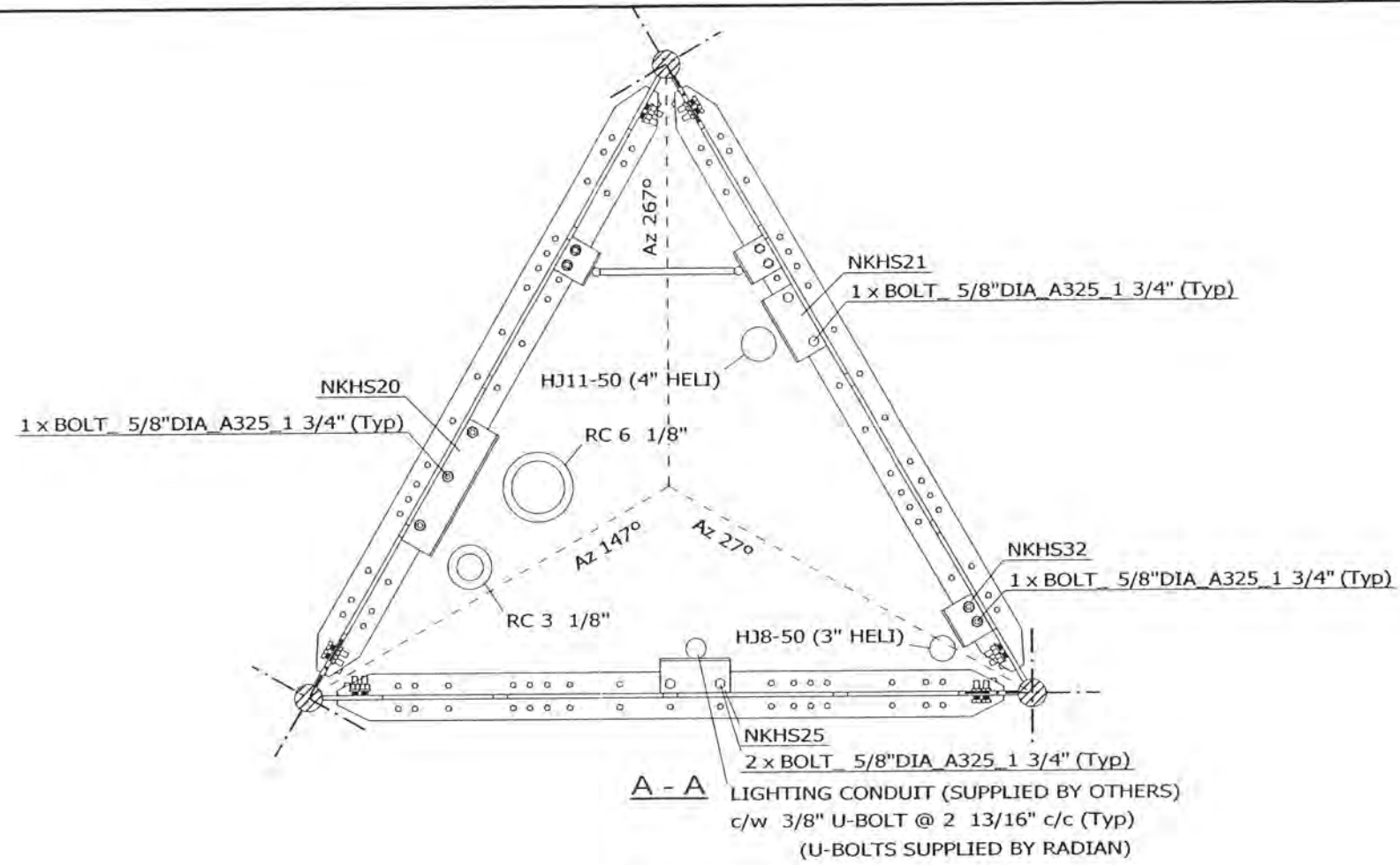
DWN:	CHK'D:	DATE:
SIP	AAS	26.03.2003
ENG'R:	EV	ENG'R APP'D:

DRAWING NO:	REV:
07-NKHS-E15-02	0





- NOTES:
- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
  - 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
  - 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
  - 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
  - 5) FOR SECT C-C SEE Dwg 07-NKHS-E16-02.



FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	FW

DWG REFERENCE	
DWG	07-NKHS-E16-02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

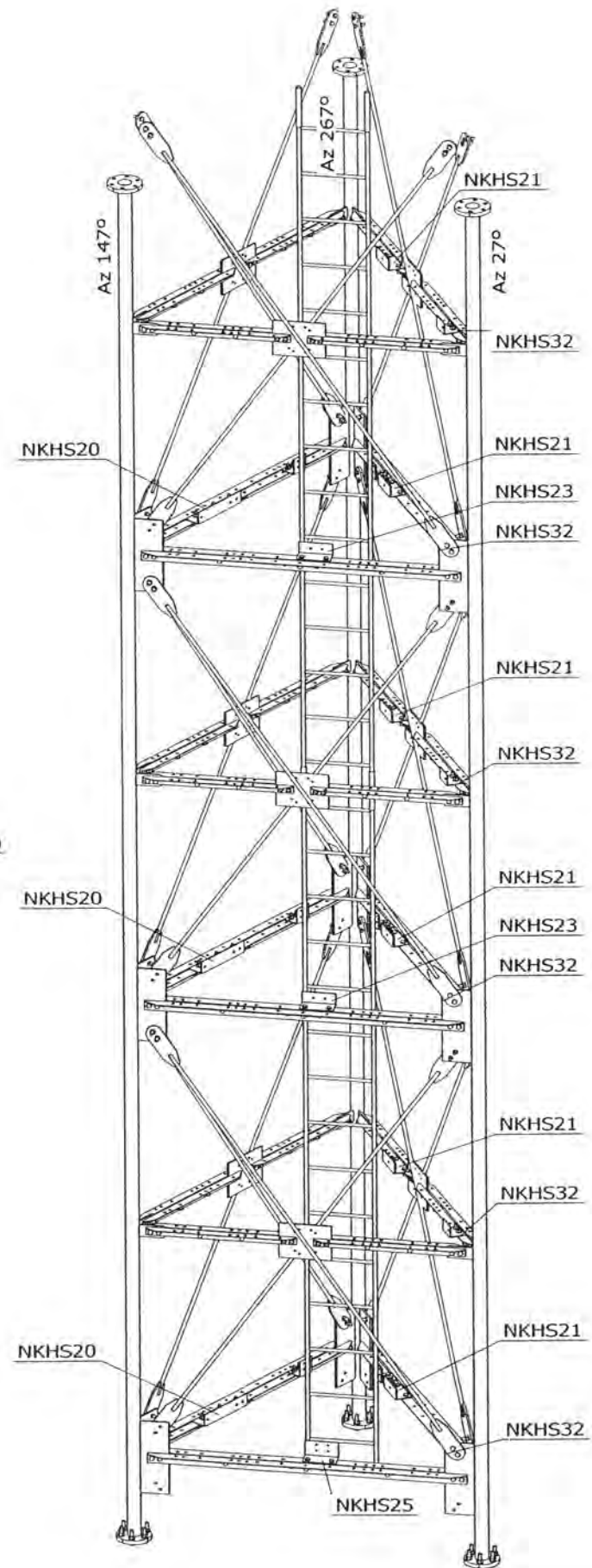
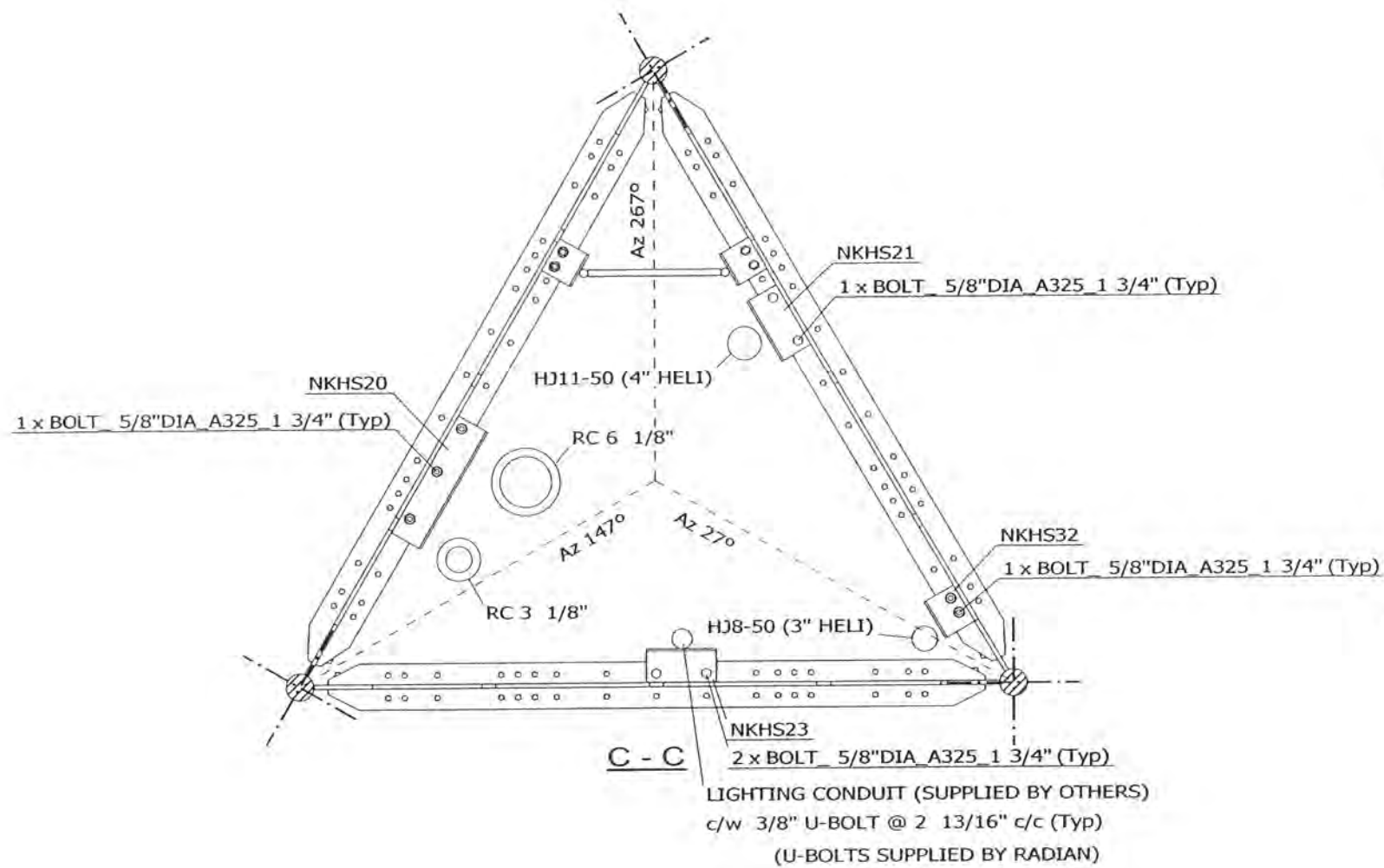
Copyright - Duplication, recording, disclosure and use is prohibited.

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 20,22-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN:	CHK'D:	DATE:
SIP	AAS	26.03.2003

ENG'R:	ENG'R APP'D:
EV	

DRAWING NO:	REV:
07-NKHS-E16-01	0



NOTES:  
1) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BU

DWG REFERENCE	
DWG	07-NKHS-E16-01
DWG	
DWG	
DWG	
DWG	
DWG	

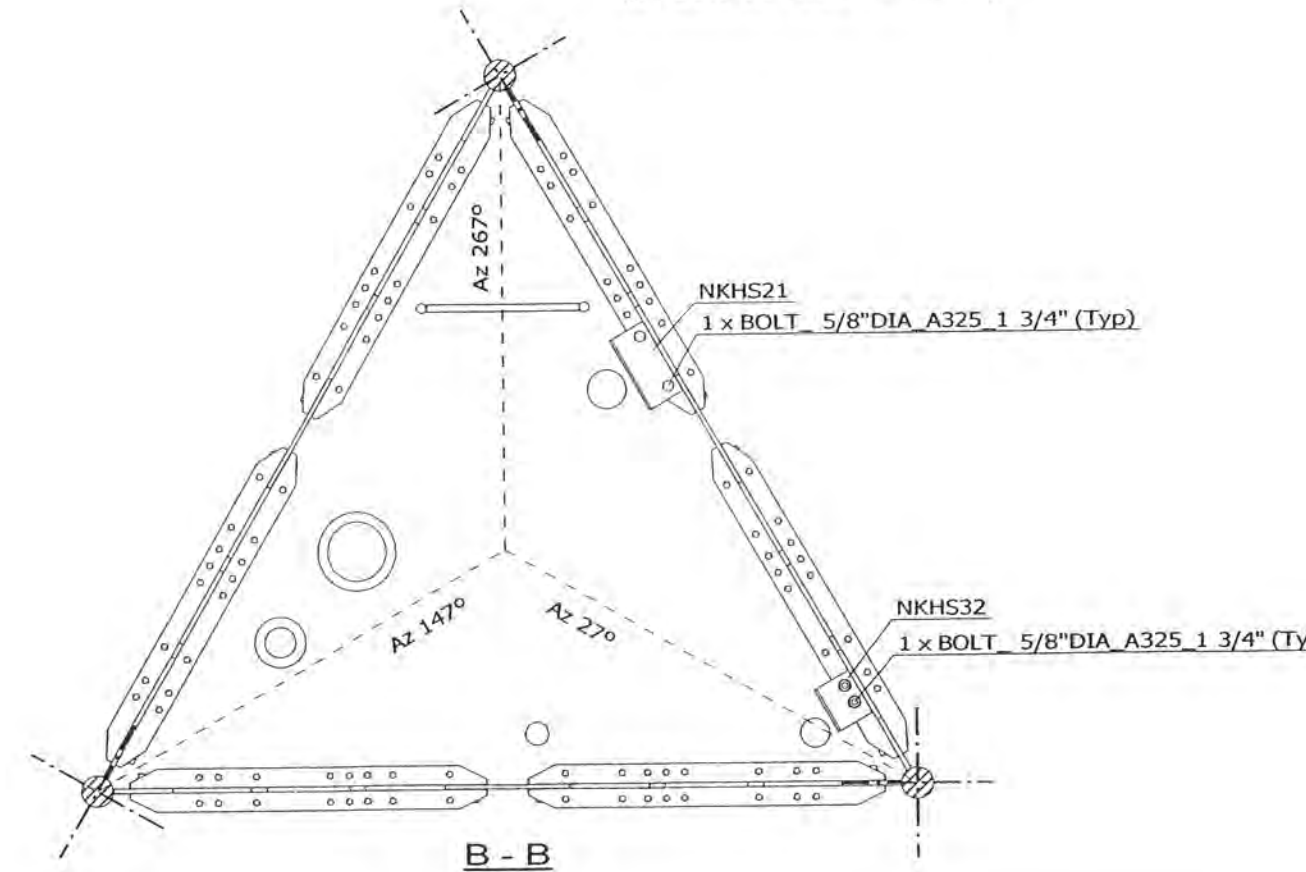
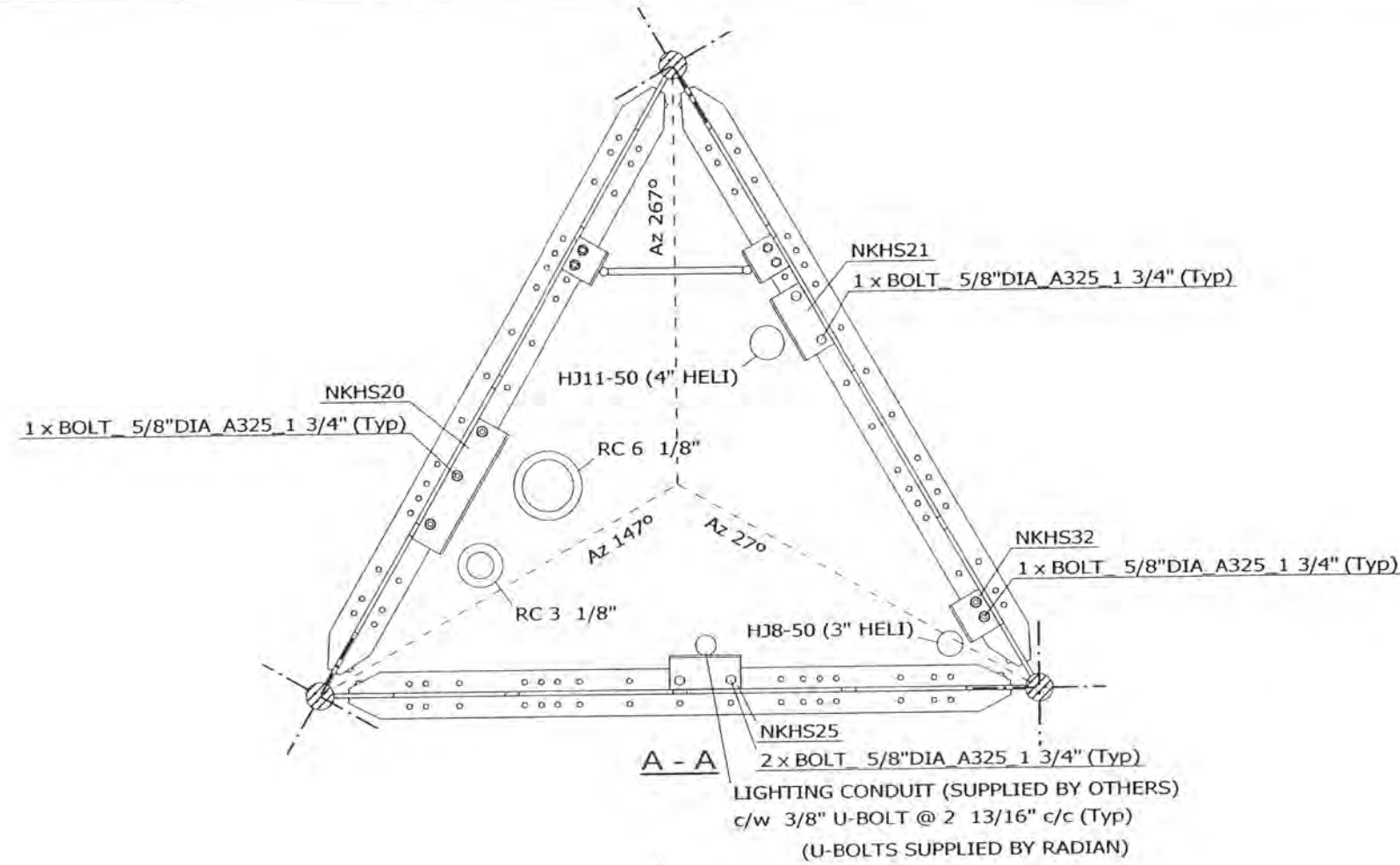
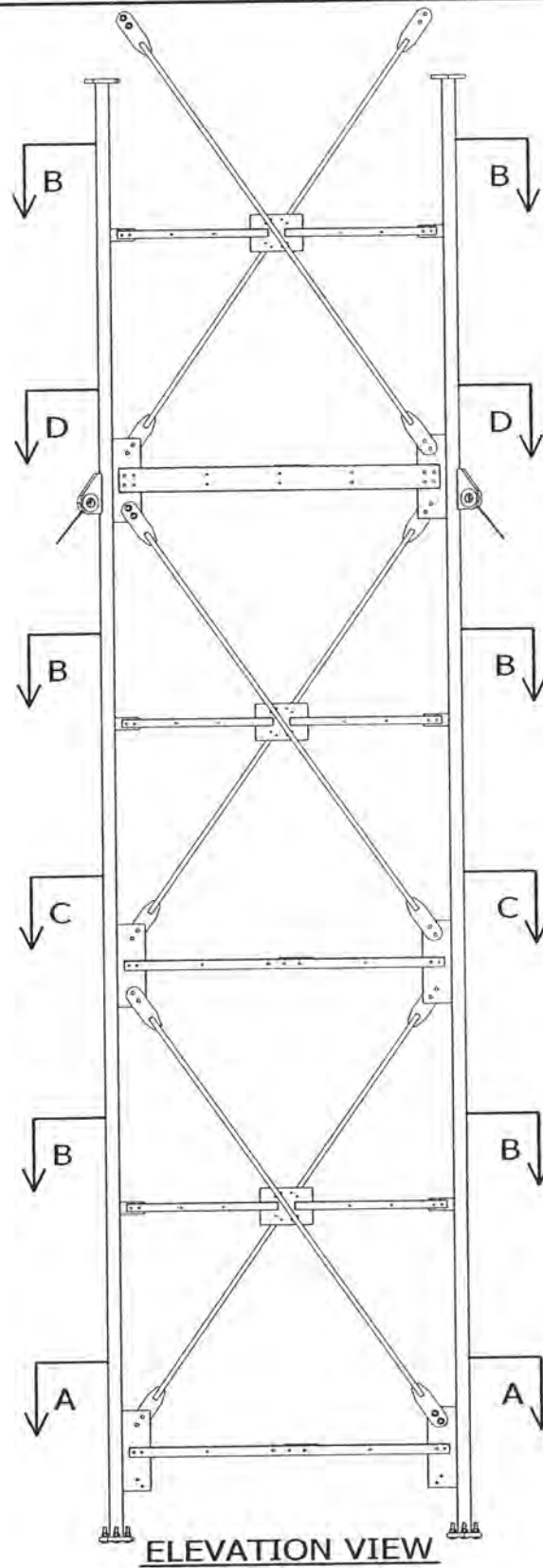


OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited.

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 20,22-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 26.03.2003
ENG'R: EV	ENG'R APP'D:	
DRAWING NO: 07-NKHS-E16-02		REV: 0



- NOTES:**
- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
  - 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
  - 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
  - 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
  - 5) FOR SECT C-C & D-D SEE Dwg 07-NKHS-E17-02.

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SJP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E17-02
DWG	
DWG	
DWG	
DWG	
DWG	

**RADIAN**

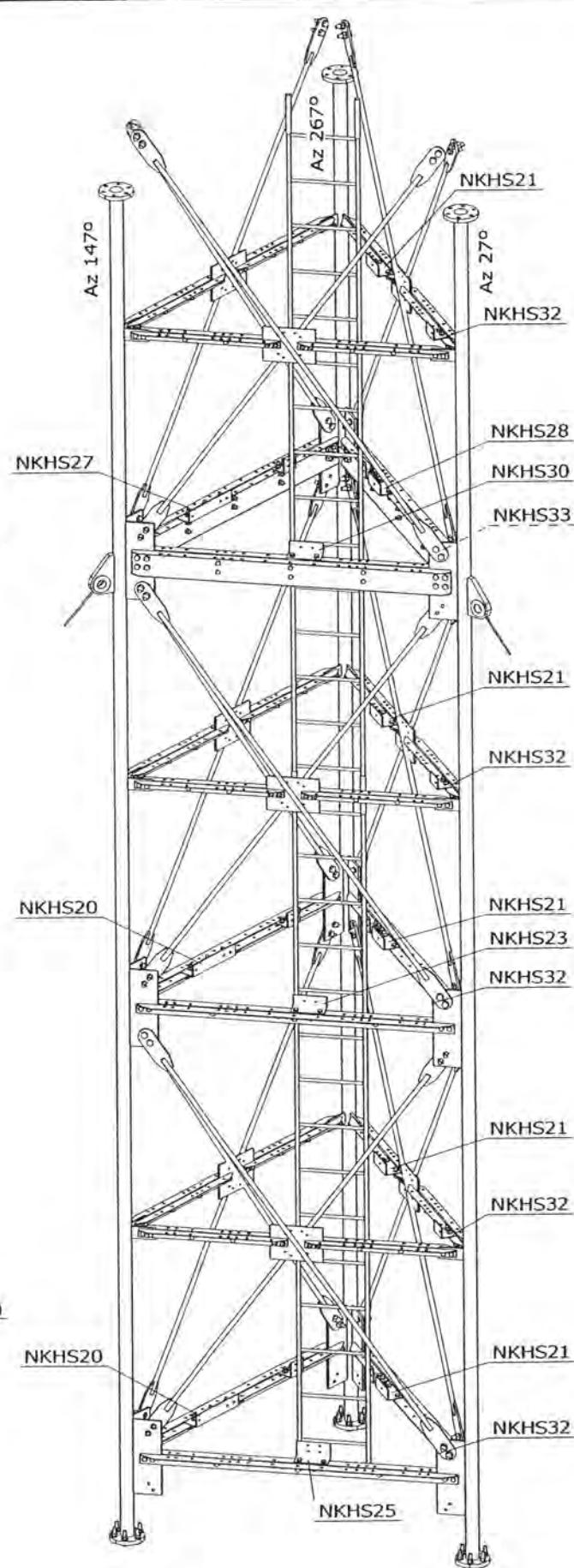
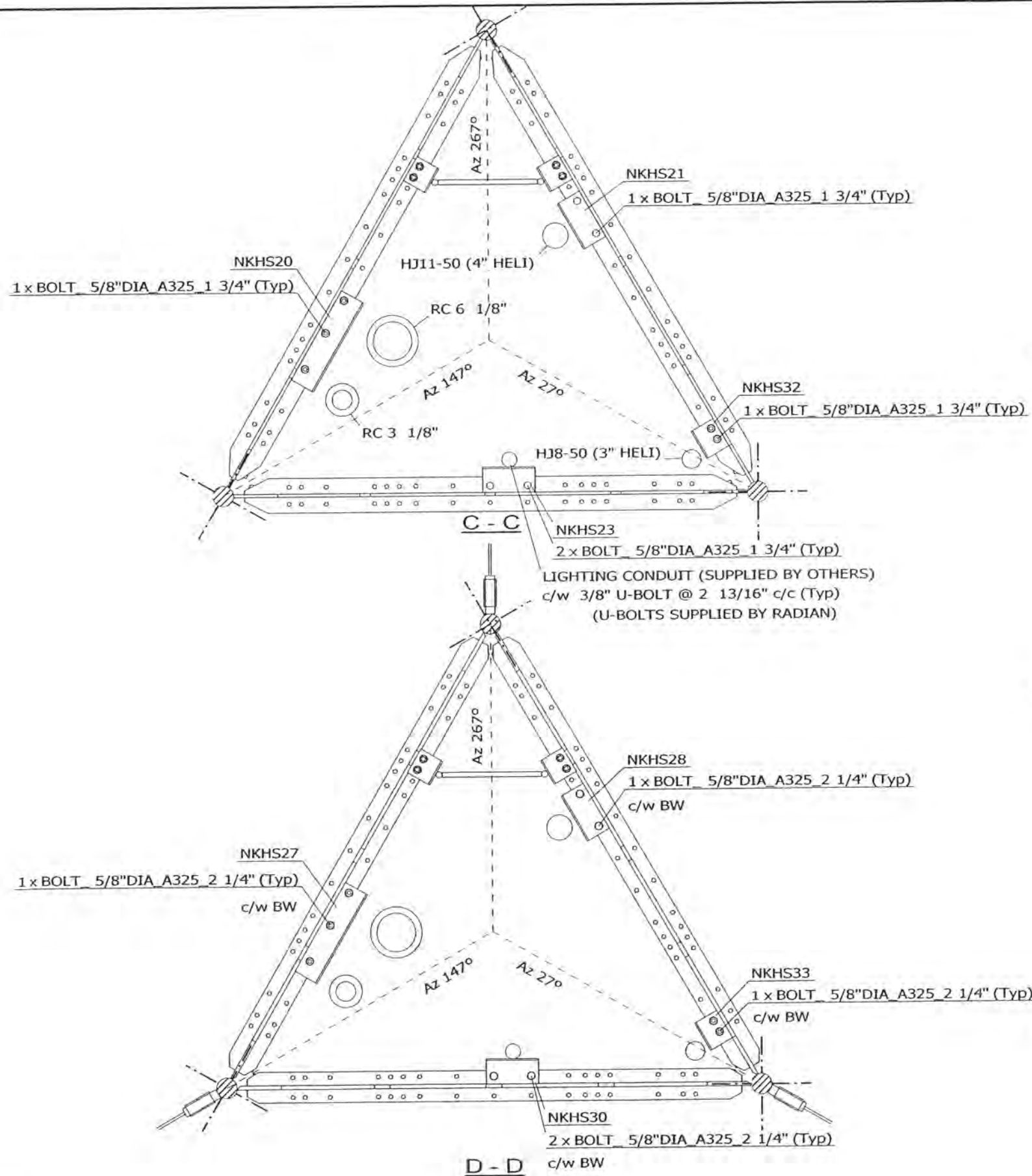
OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 21-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SJP	CHK'D: AAS	DATE: 26.03.2003
ENG'R: EV	ENG'R APP'D:	
DRAWING NO: 07-NKHS-E17-01		REV: 0





FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E17-01
DWG	
DWG	
DWG	
DWG	
DWG	

**RADIAN**

DAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT7 MAST  
 SECT 21-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 26.03.2003
-------------	---------------	---------------------

ENG'R: EV	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07-NKHS-E17-02	REV: 0
-------------------------------	-----------

NOTES:  
 1) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07XF2-E02
DWG	
DWG	
DWG	
DWG	
DWG	



**RADIAN**

OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3236  
 www.radiancorp.com

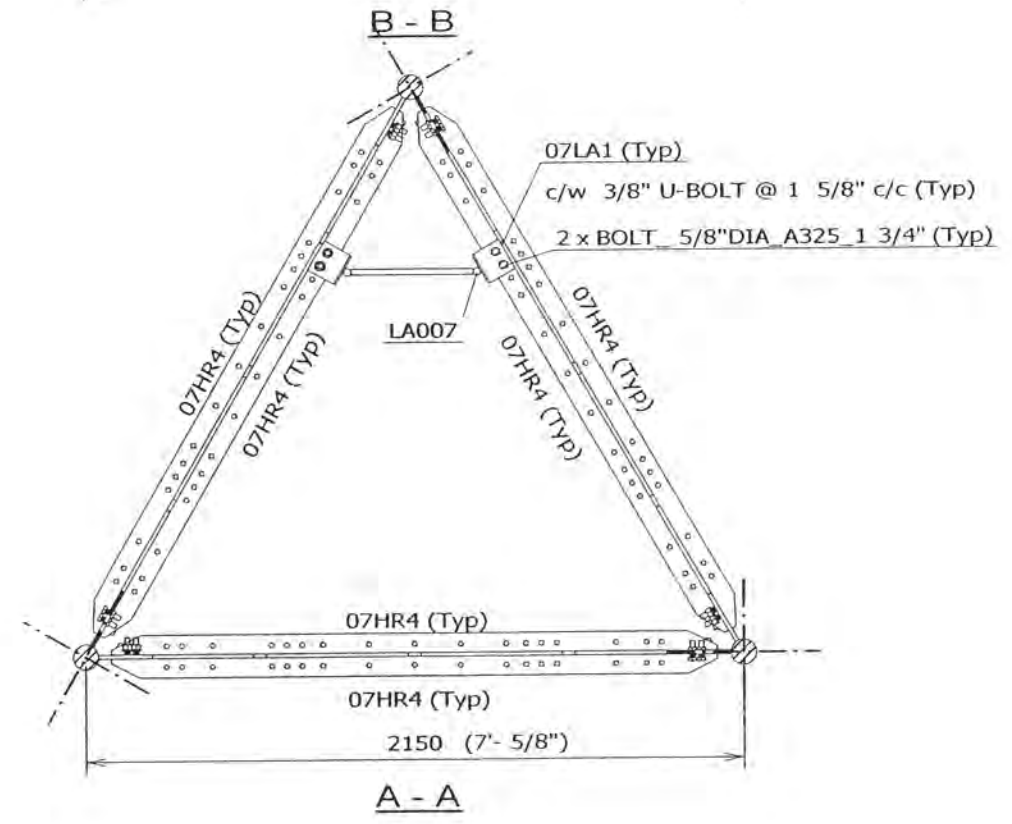
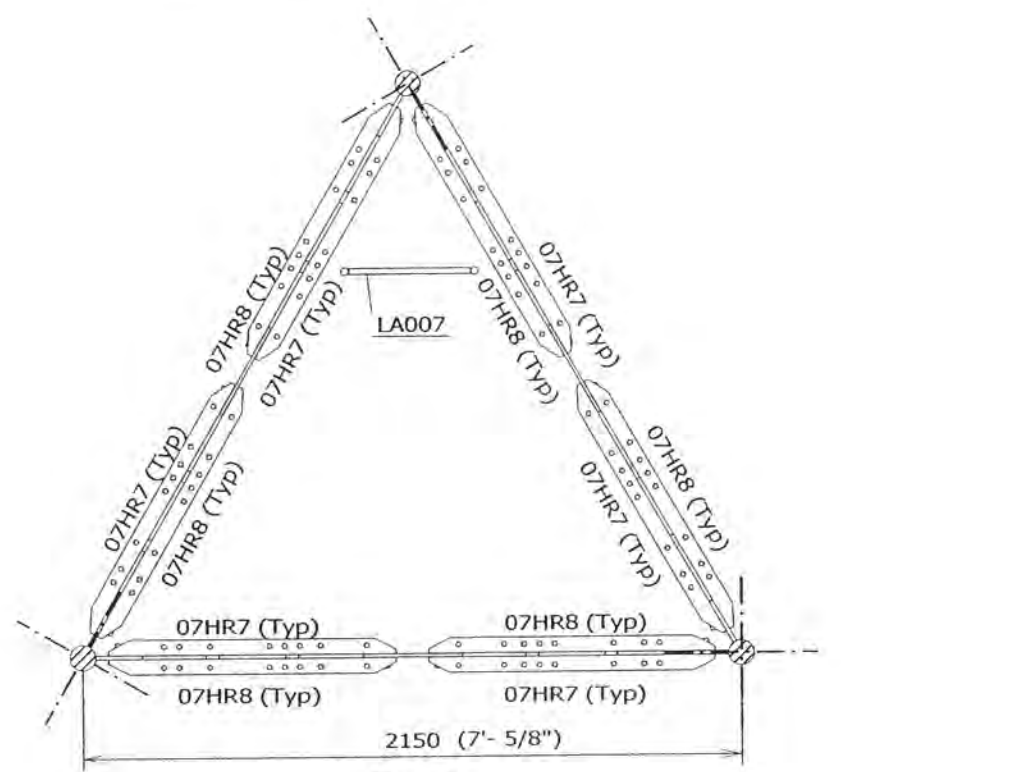
Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XF2  
 SR 3 1/4" LEG, SR 7/8"-X DIAG.

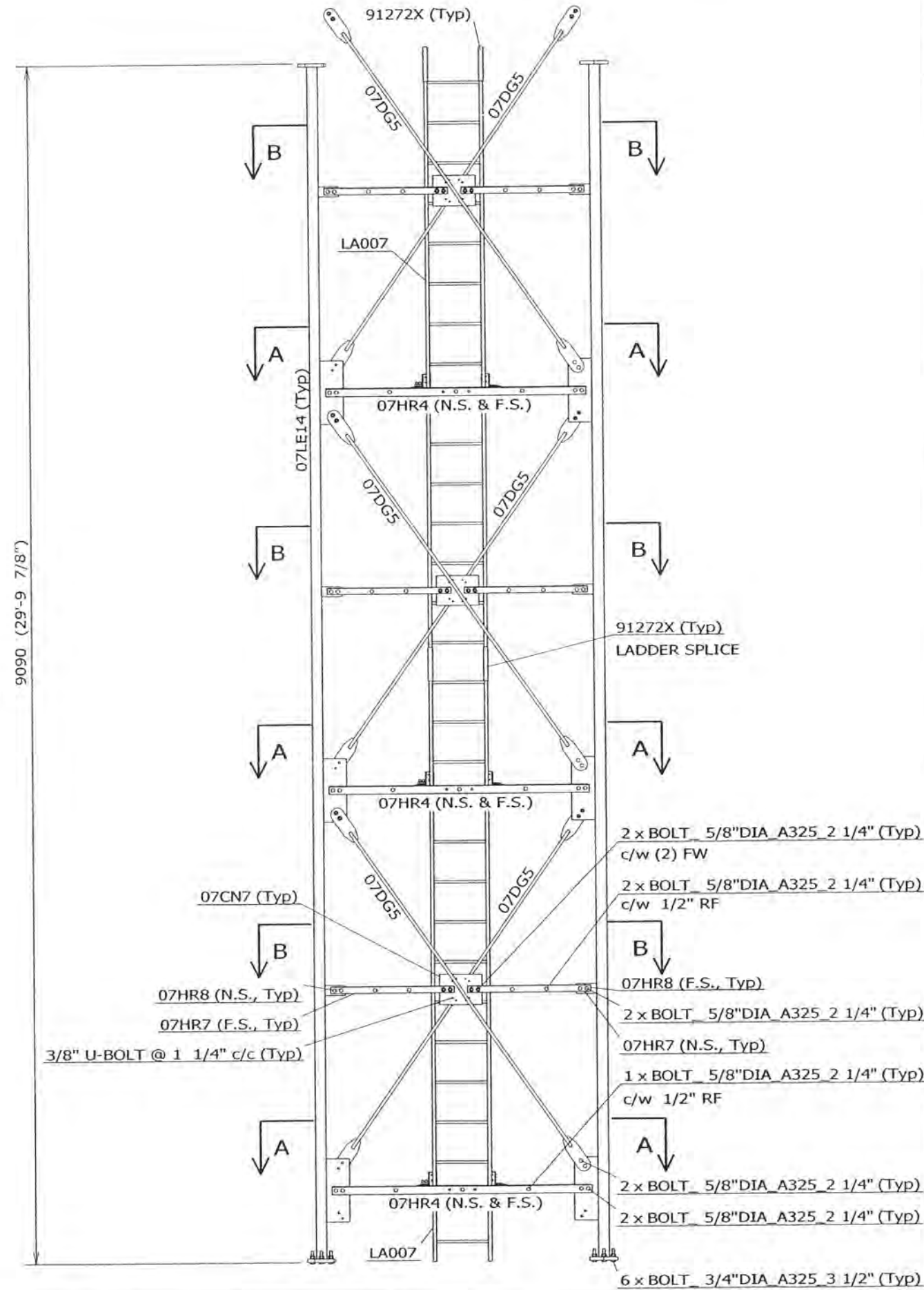
DWN: SIP	CHK'D: AAS	DATE: 12.03.2003
-------------	---------------	---------------------

ENG'R: EV	ENG'R APP'D:
--------------	--------------

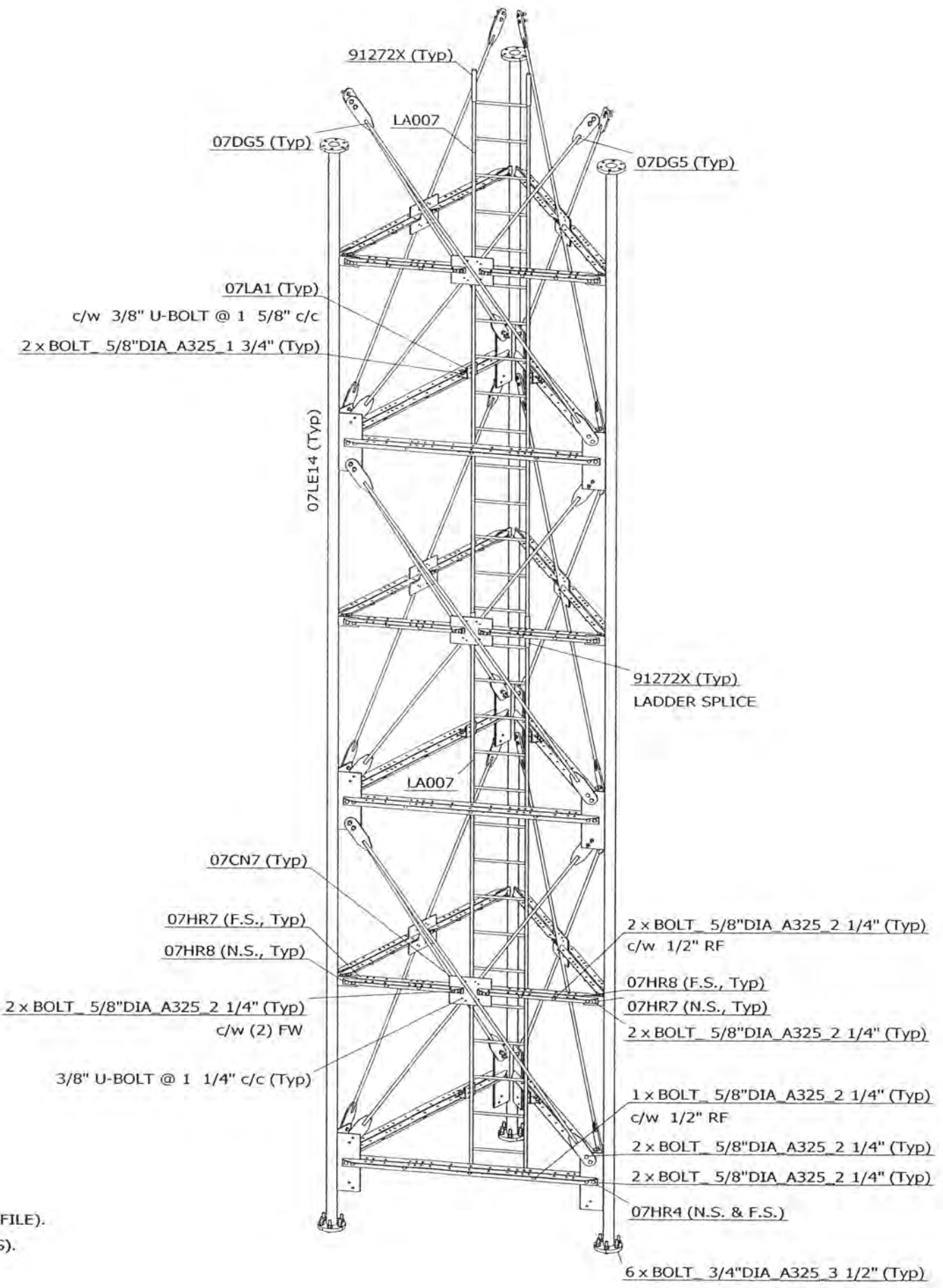
DRAWING NO: 07XF2-E01	REV: 0
--------------------------	-----------



- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.



- 2 x BOLT 5/8" DIA A325 2 1/4" (Typ) c/w (2) FW
- 2 x BOLT 5/8" DIA A325 2 1/4" (Typ) c/w 1/2" RF
- 07HR8 (F.S., Typ)
- 2 x BOLT 5/8" DIA A325 2 1/4" (Typ)
- 07HR7 (N.S., Typ)
- 1 x BOLT 5/8" DIA A325 2 1/4" (Typ) c/w 1/2" RF
- 2 x BOLT 5/8" DIA A325 2 1/4" (Typ)
- 2 x BOLT 5/8" DIA A325 2 1/4" (Typ)
- 6 x BOLT 3/4" DIA A325 3 1/2" (Typ)



- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07XF2-E01
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

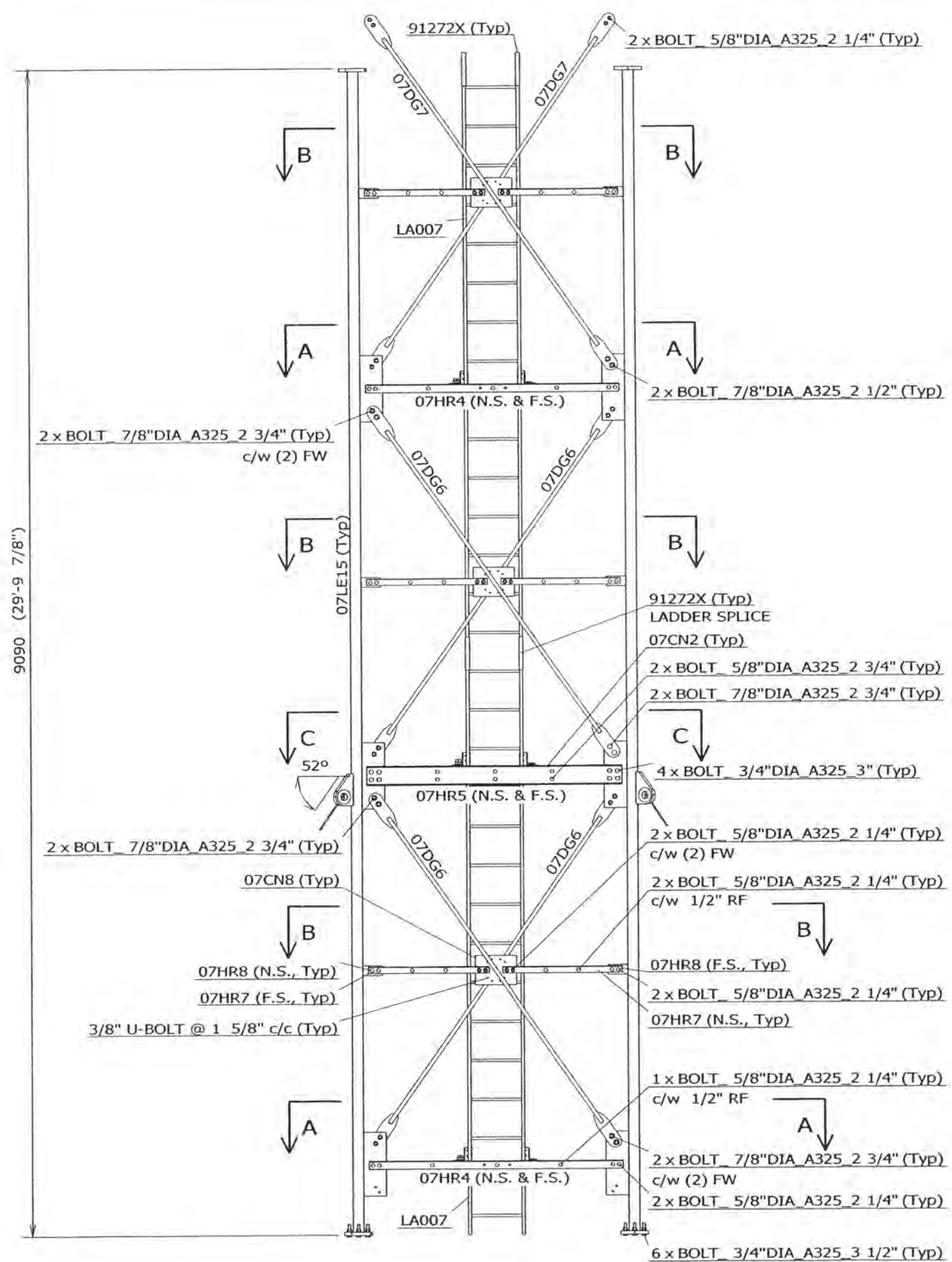
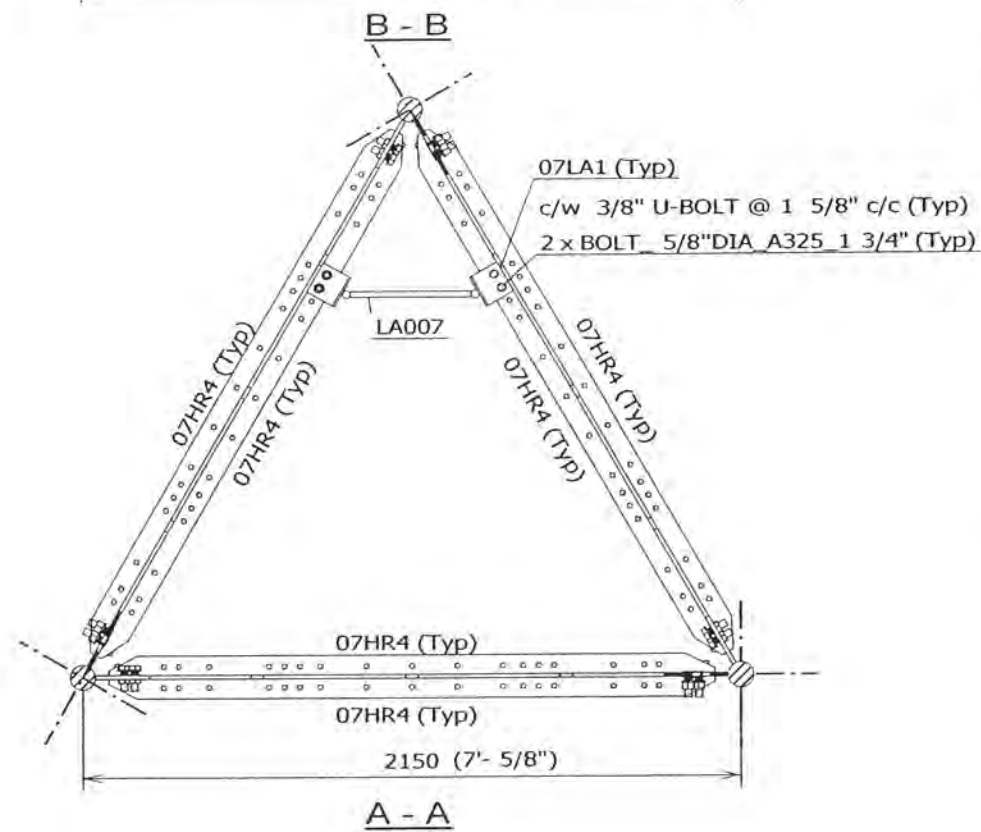
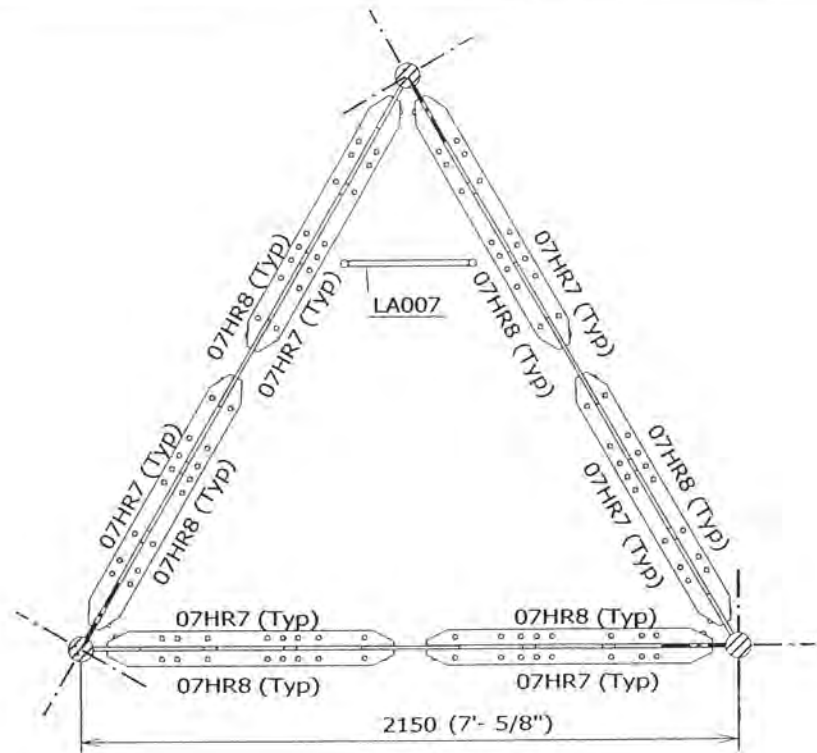
RT07 SERIES MAST  
 KIT# K07XF2  
 SR 3 1/4" LEG, SR 7/8"-X DIAG.

DWN: SIP	CHK'D: AAS	DATE: 12.03.2003
-------------	---------------	---------------------

ENG'R: EV	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07XF2-E02	REV: 0
--------------------------	-----------





NOTES:

- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
- 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
- 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
- 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.
- 5) FOR SECT C-C SEE Dwg 07XF8L315-E02.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	GU

DWG REFERENCE	
DWG	07XF8L315-E02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837 FACSIMILE +1 636 922 3238  
[www.radiancorp.com](http://www.radiancorp.com)

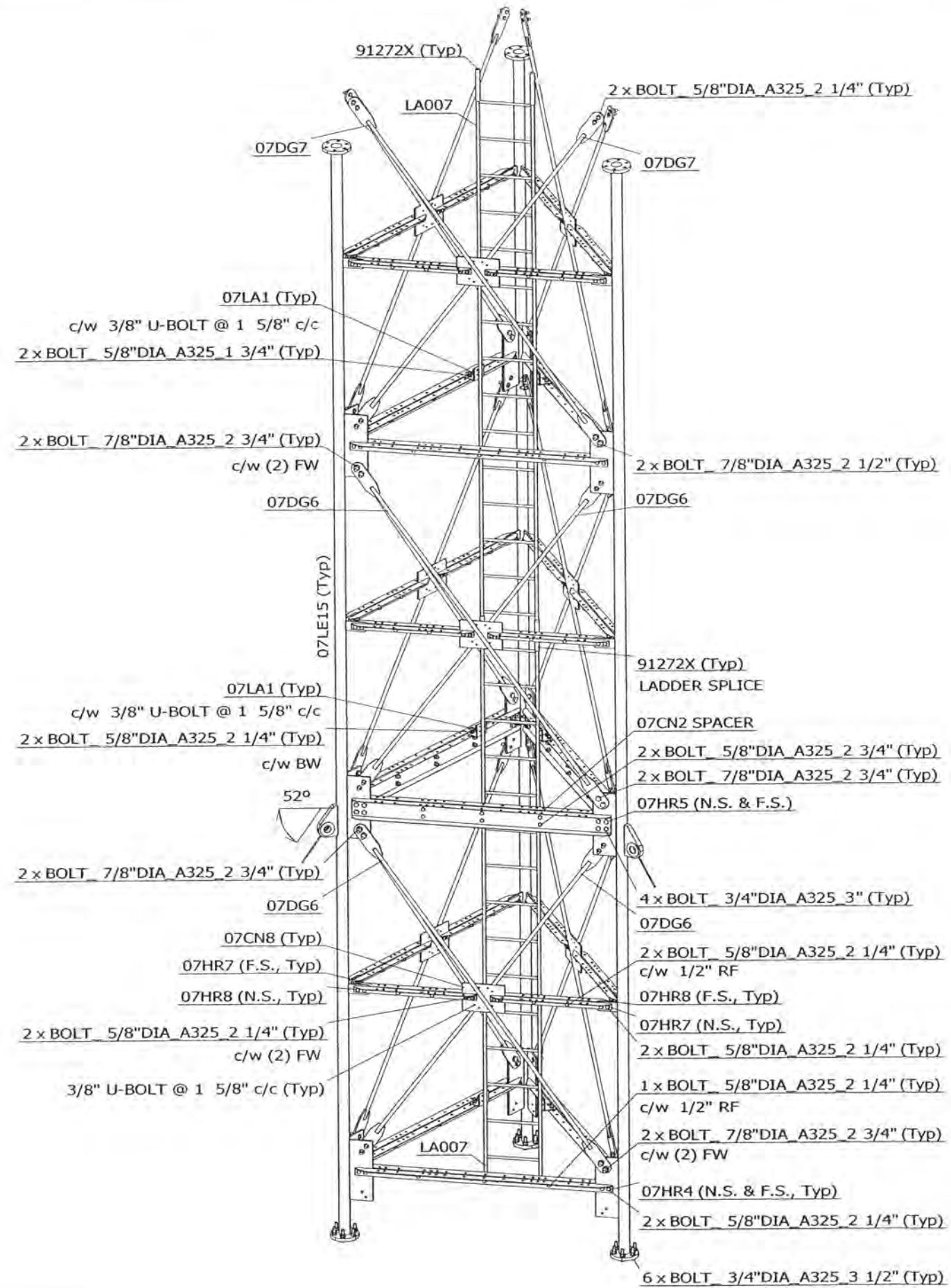
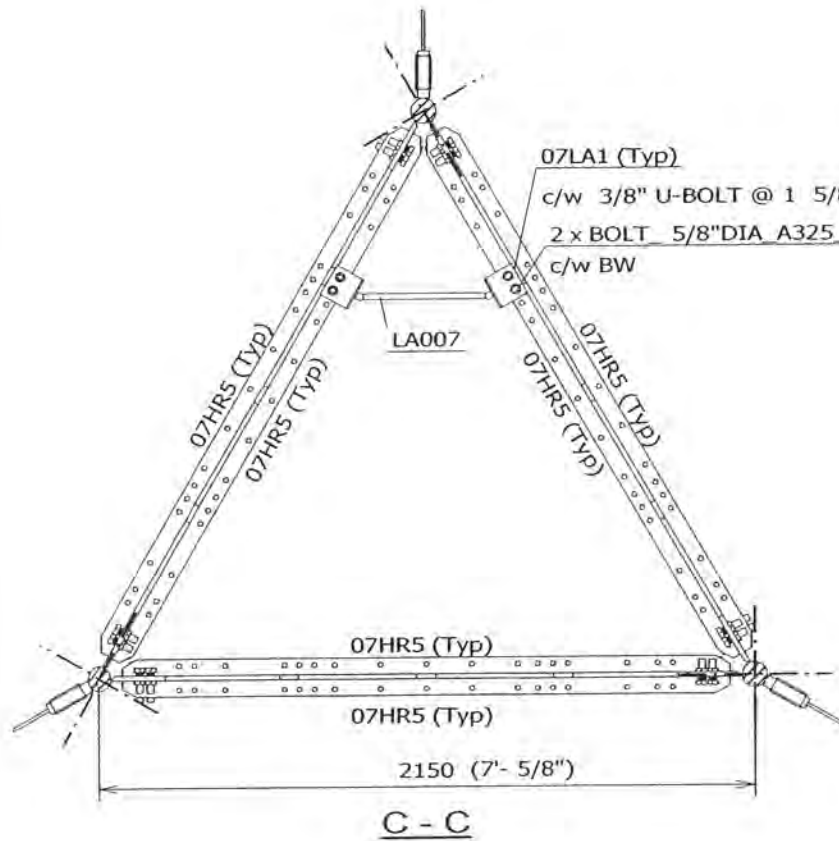
Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XF8L315  
 SR 3 1/4" LEG, SR 1 1/8"-X DIAG.  
 52 Deg, GUY SIZE (0.938-1.0)UH

DWN:	CHK'D:	DATE:
SIP	AAS	12.03.2003

ENG'R:	ENG'R APP'D:
EV	

DRAWING NO:	REV:
07XF8L315-E01	0



NOTES:

- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
- 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
- 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
- 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	BV

DWG REFERENCE	
DWG	07XF8L315-E01
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

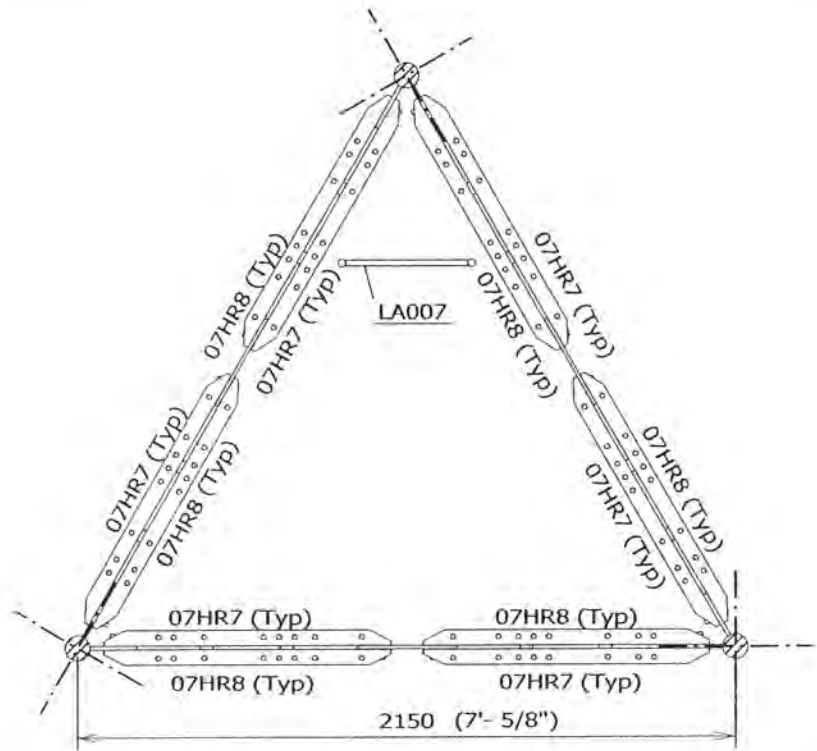
Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XF8L315  
 SR 3 1/4" LEG, SR 1 1/8"-X DIAG.  
 52 Deg, GUY SIZE (0.938-1.0)UH

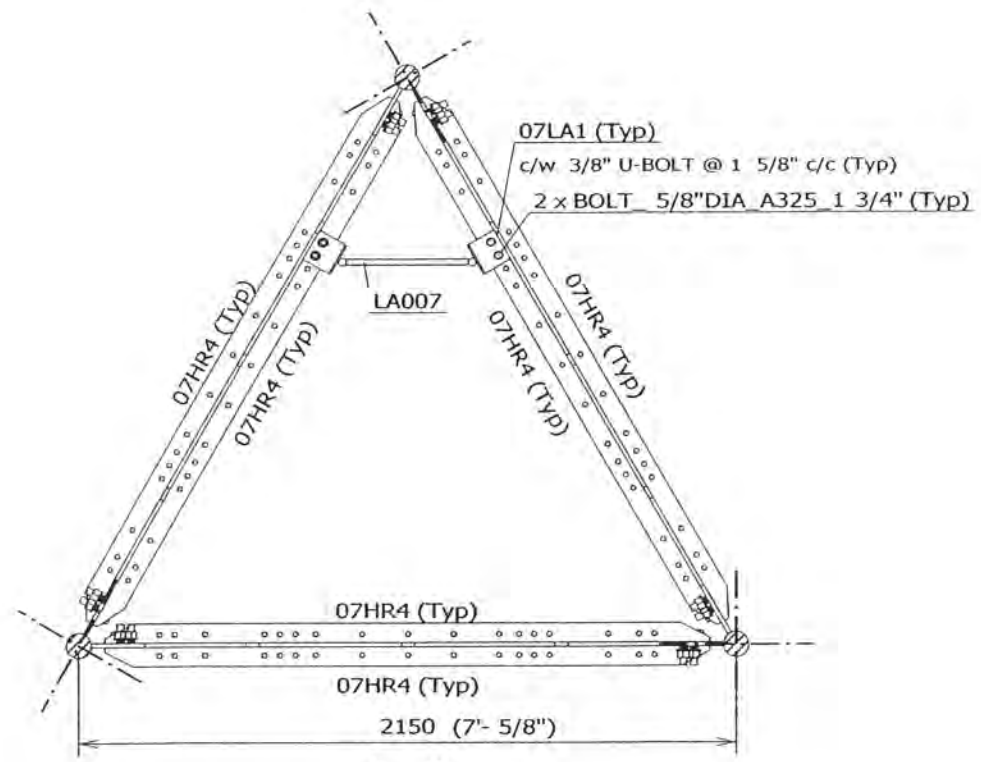
DWN: SIP	CHK'D: AAS	DATE: 12.03.2003
-------------	---------------	---------------------

ENGR: EV	ENGR APP'D:
-------------	-------------

DRAWING NO: 07XF8L315-E02	REV: 0
------------------------------	-----------

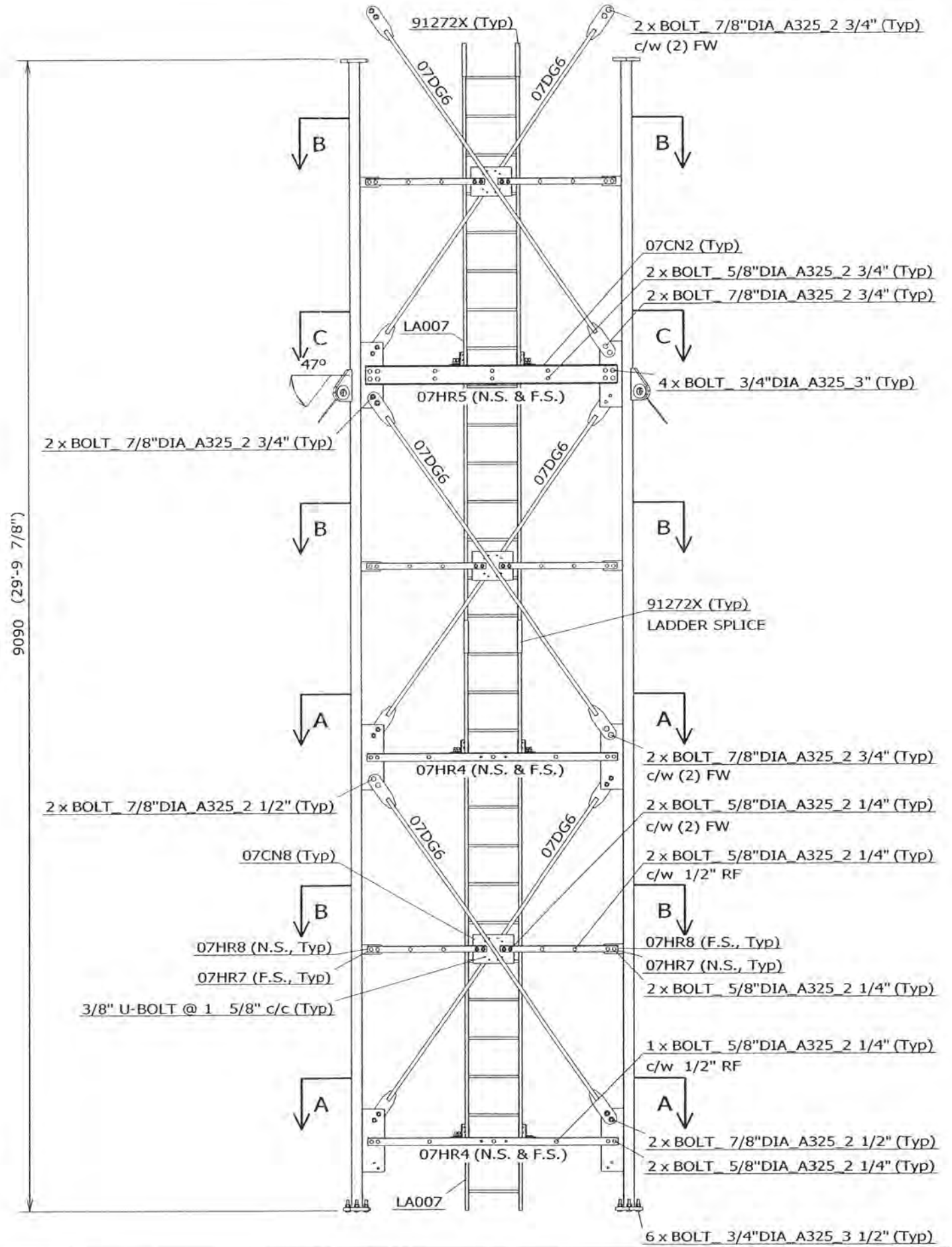


B - B



A - A

- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.
  - 5) FOR SECT C-C SEE Dwg 07XF8M514-E02.



FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07XF8M514-E02
DWG	
DWG	
DWG	
DWG	
DWG	

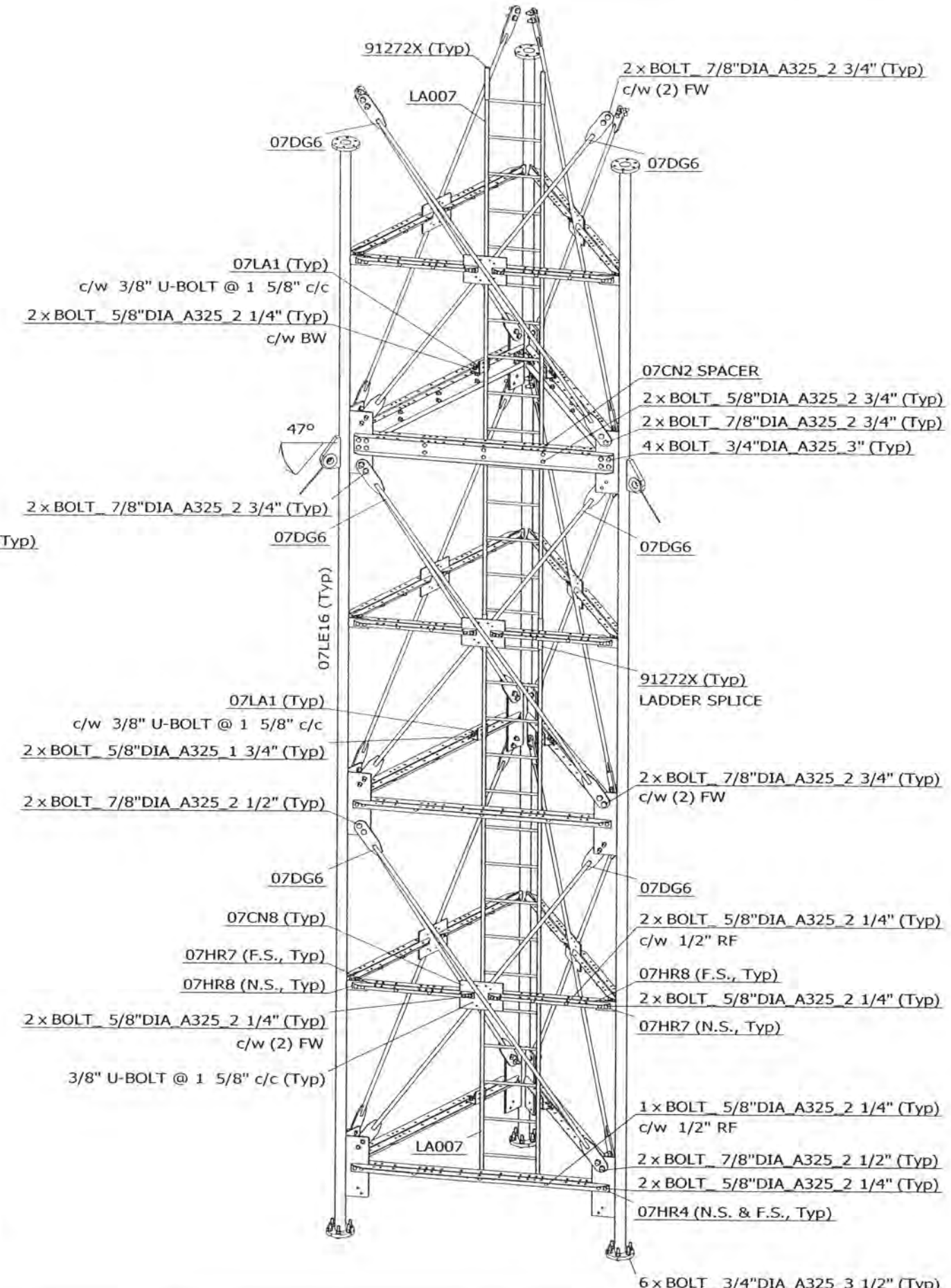
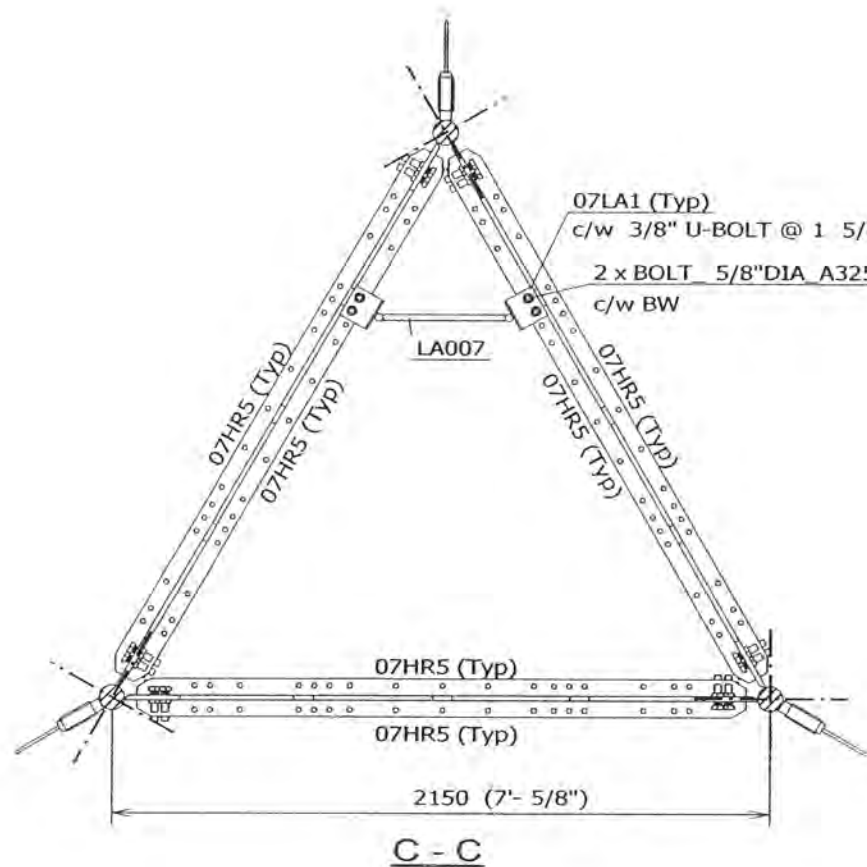
OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XF8M514  
 SR 3 1/4" LEG, SR 1 1/8"-X DIAG.  
 47 Deg, GUY SIZE (0.938-1.0)UH

DWN:	CHK'D:	DATE:
SIP	AAS	12.03.2003
ENG'R:	ENG'R APP'D:	
EV		
DRAWING NO:		REV:
07XF8M514-E01		0





- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07XF8M514-E01
DWG	
DWG	
DWG	
DWG	
DWG	

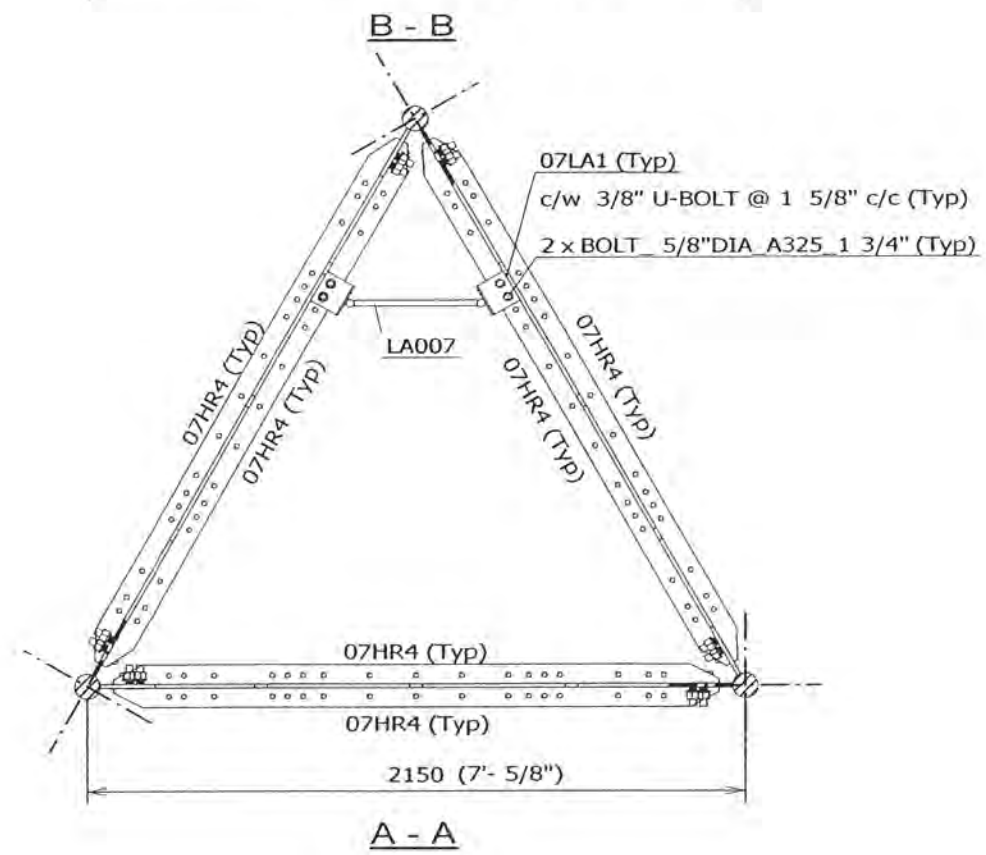
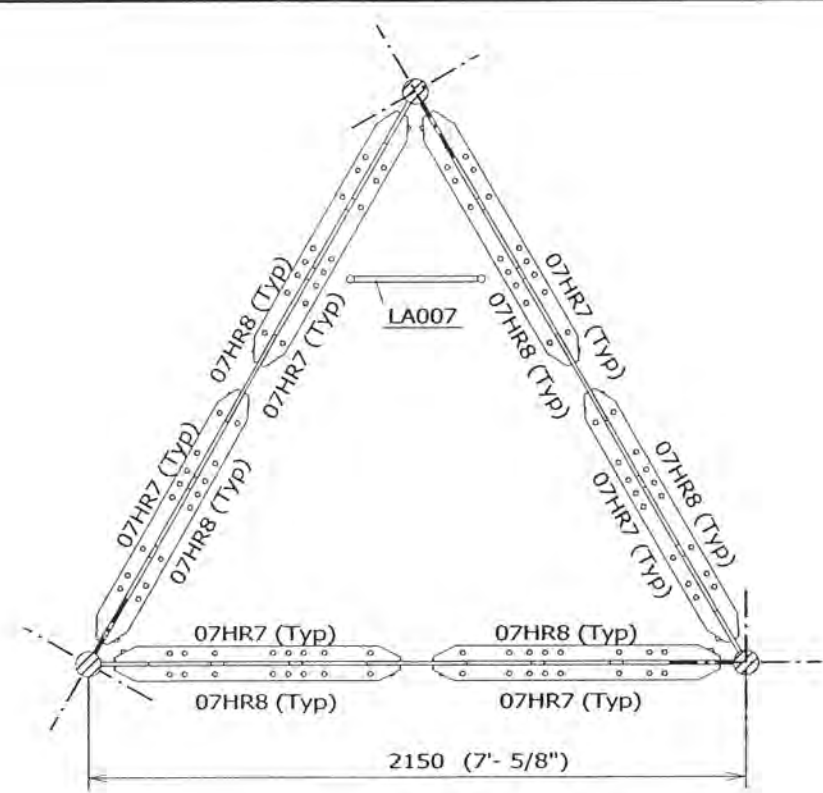


OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

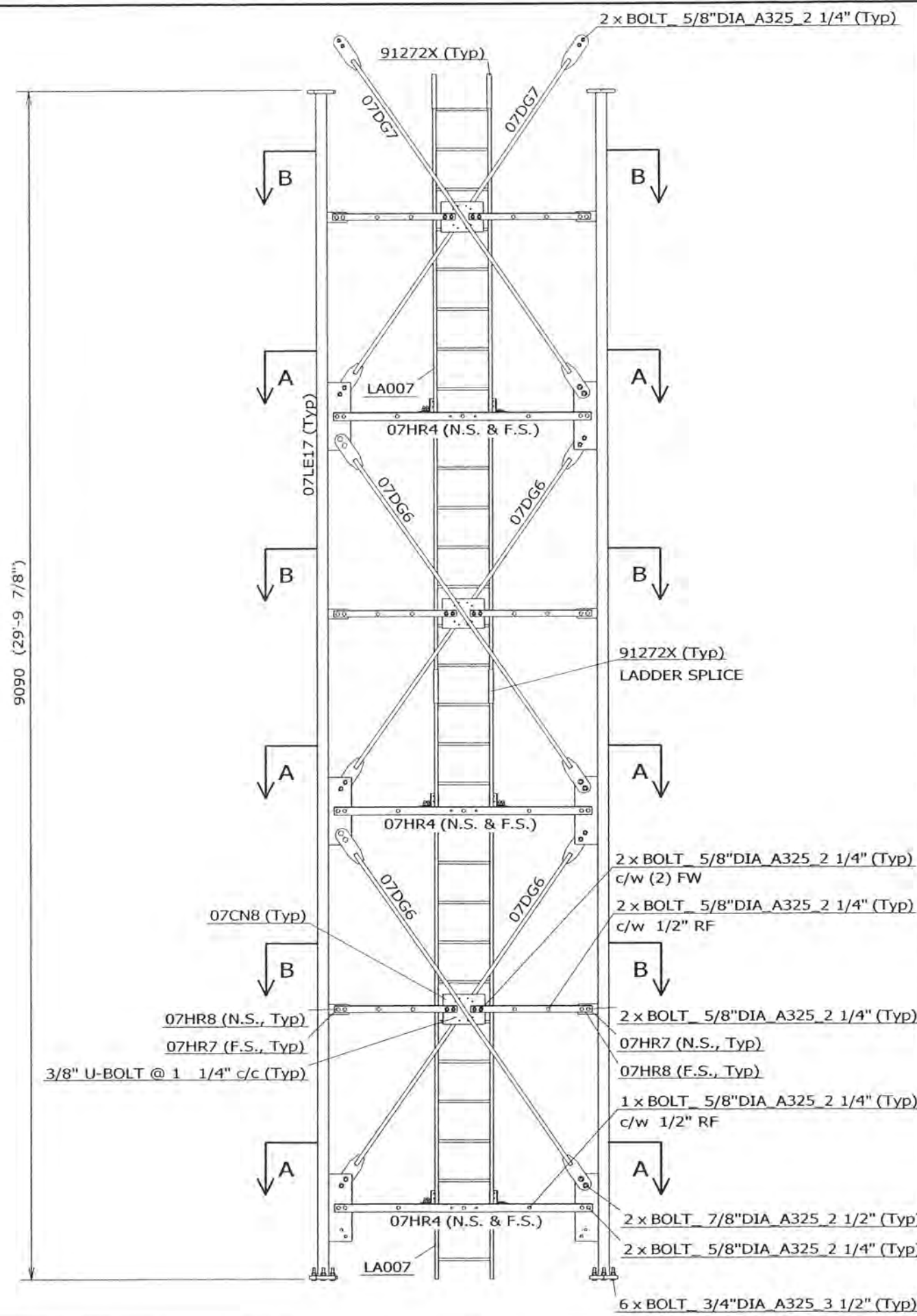
Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT # K07XF8M514  
 SR 3 1/4" LEG, SR 1 1/8"-X DIAG.  
 47 Deg, GUY SIZE (0.938-1.0)UH

DWN:	CHK'D:	DATE:
SIP	AAS	12.03.2003
ENG'R:	ENG'R APP'D:	
EV		
DRAWING NO:		REV:
07XF8M514-E02		0



- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.



FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAJ	EV

DWG REFERENCE	
DWG	07XF8K-E02
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	

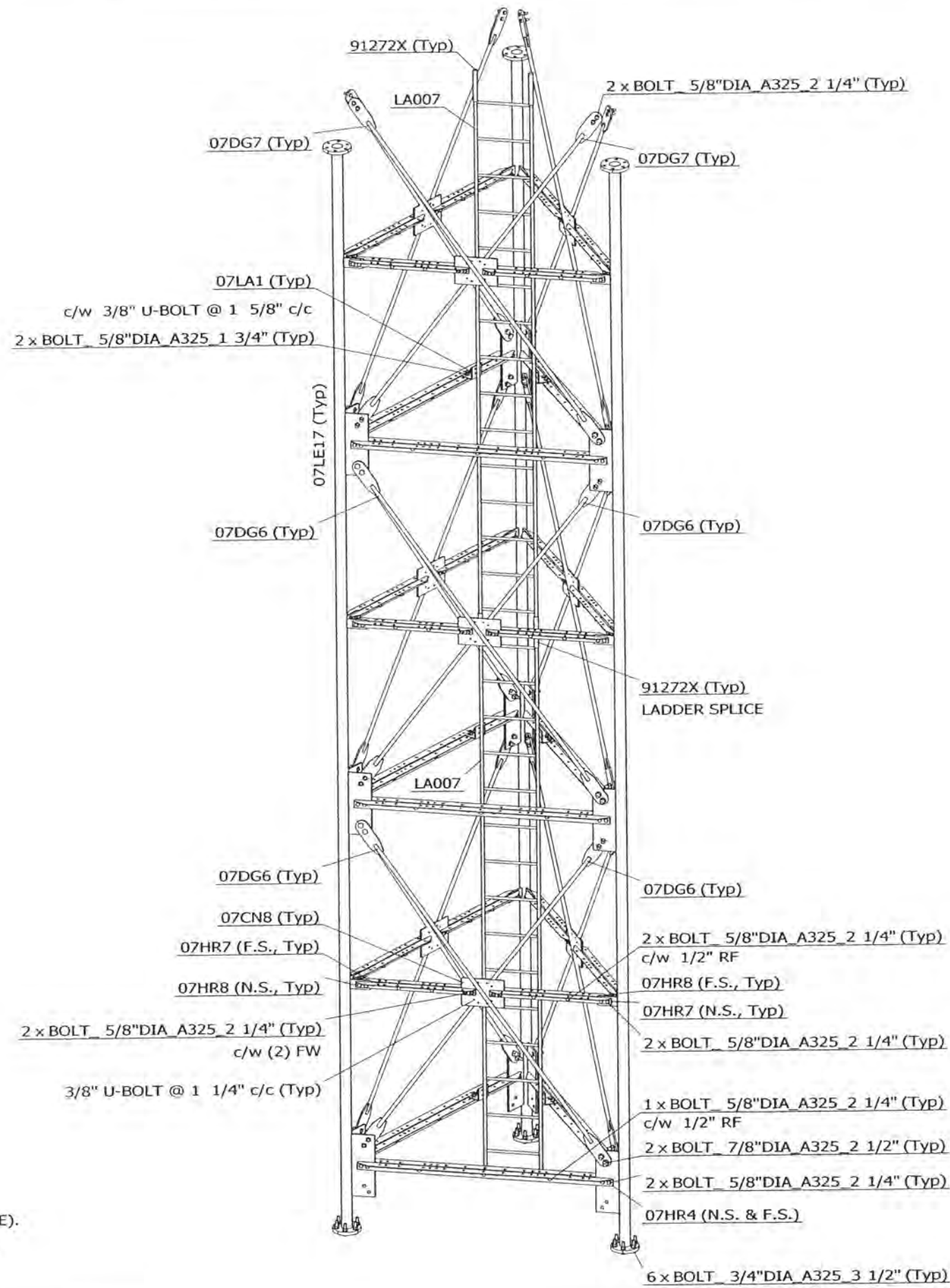


OAKVILLE, ON, CANADA  
 TELEPHONE +1 905 844-1242  
 FACSIMILE +1 905 844 8837  
 ST. CHARLES, MO, USA  
 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 636 922 3258  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XF8K  
 SR 3 1/4" LEG, SR 1 1/8"-X DIAG.  
 DIAG. TRANSITION SECT

DWN:	CHK'D:	DATE:
SIP	AAS	25.03.2003
ENG'R:	ENG'R APP'D:	
EV		
DRAWING NO:		REV:
07XF8K-E01		0



- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07XF8K-E01
DWG	
DWG	
DWG	
DWG	
DWG	



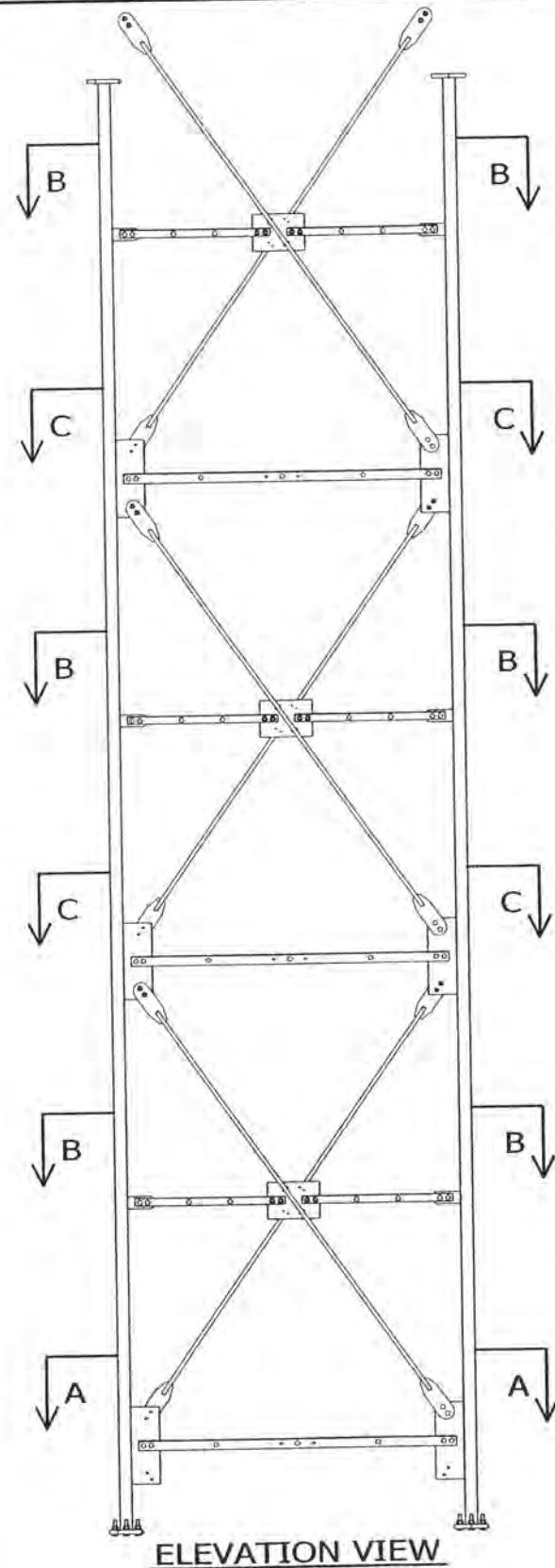
OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

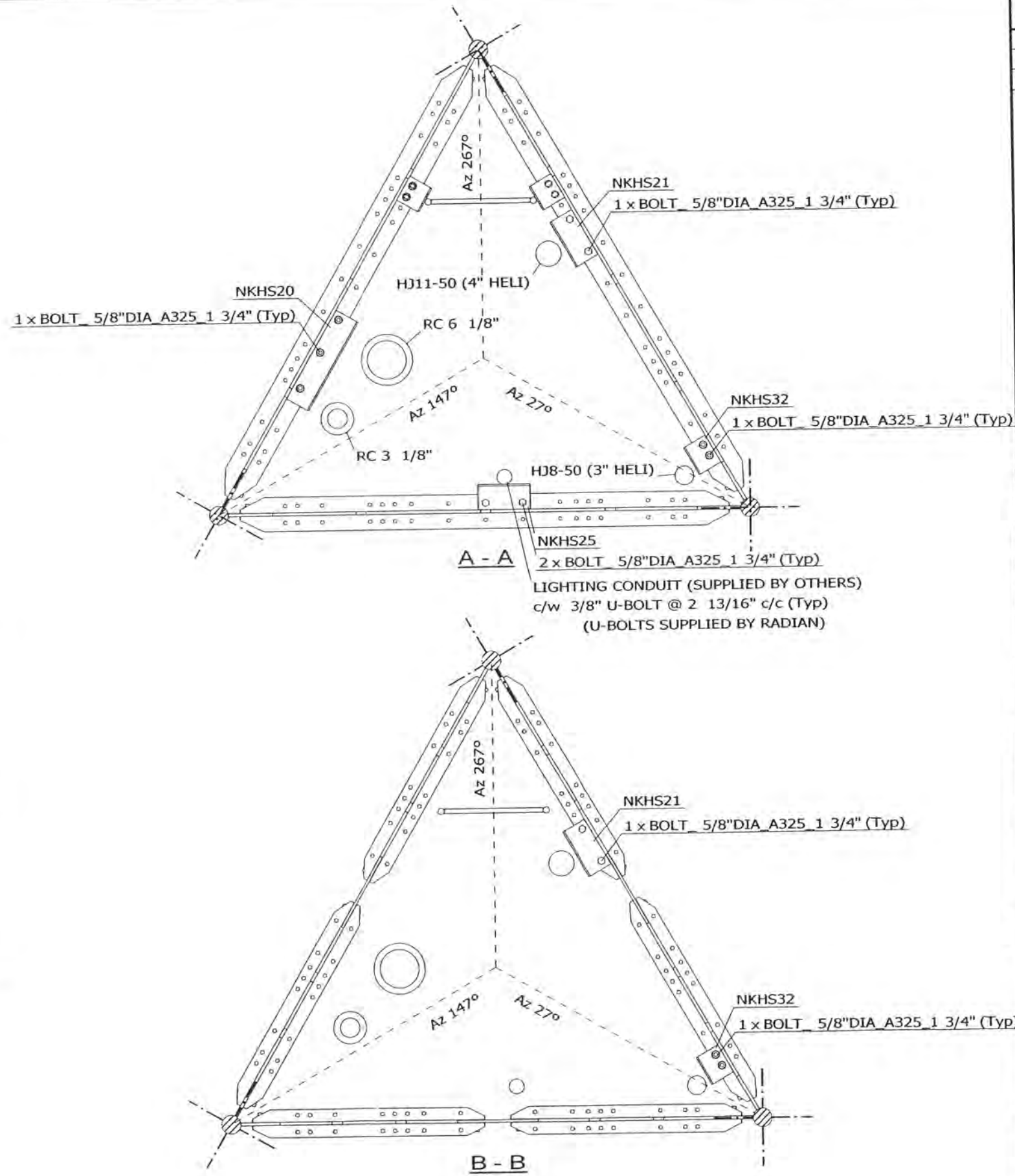
RT07 SERIES MAST  
 KIT# K07XF8K  
 SR 3 1/4" LEG, SR 1 1/8"-X DIAG.  
 DIAG. TRANSITION SECT

DWN: SIP	CHK'D: AAS	DATE: 25.03.2003
ENG'R: EV	ENG'R APP'D:	
DRAWING NO: 07XF8K-E02		REV: 0





**ELEVATION VIEW**



**A - A**

**B - B**

- NOTES:
- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
  - 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
  - 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
  - 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
  - 5) FOR SECT C-C SEE Dwg 07-NKHS-E18-02.

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E18-02
DWG	
DWG	
DWG	
DWG	
DWG	

OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

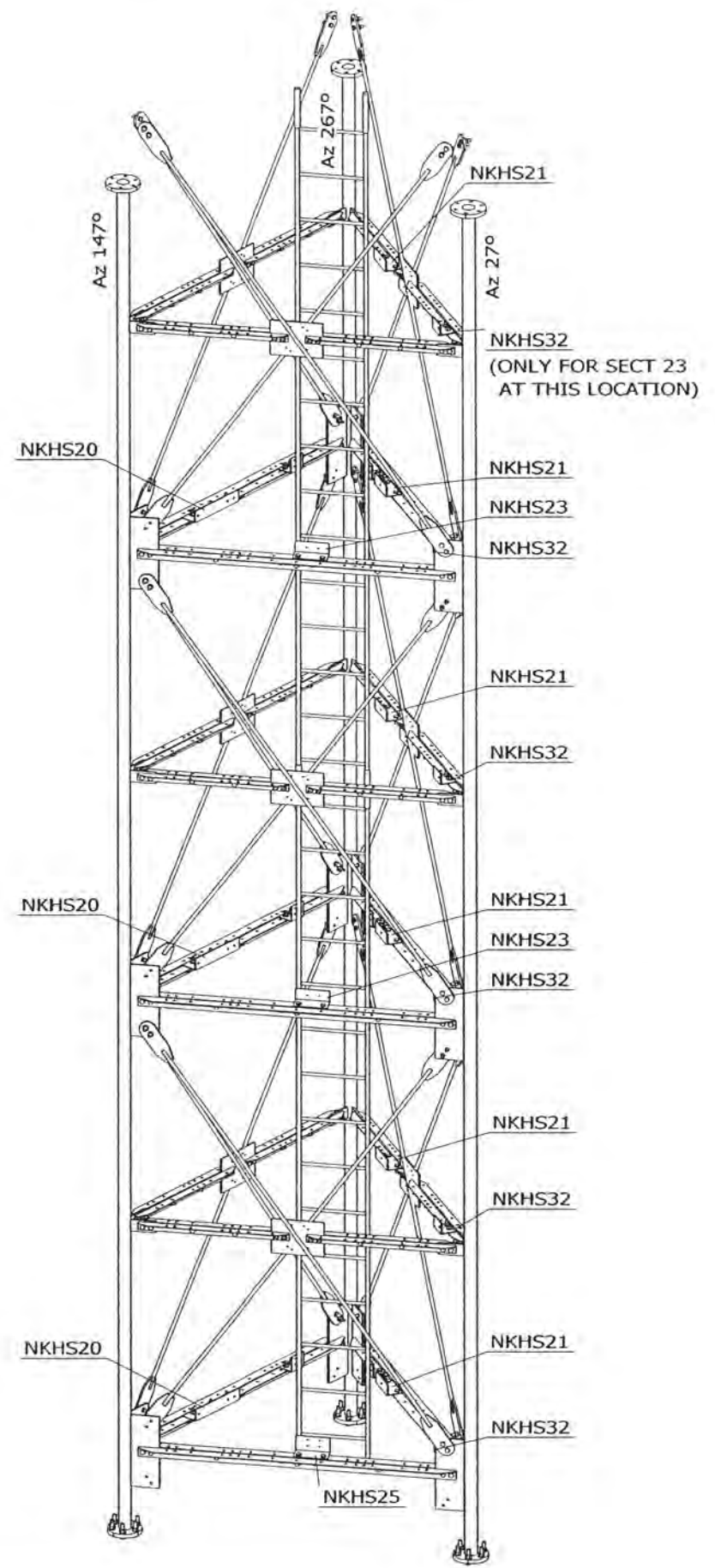
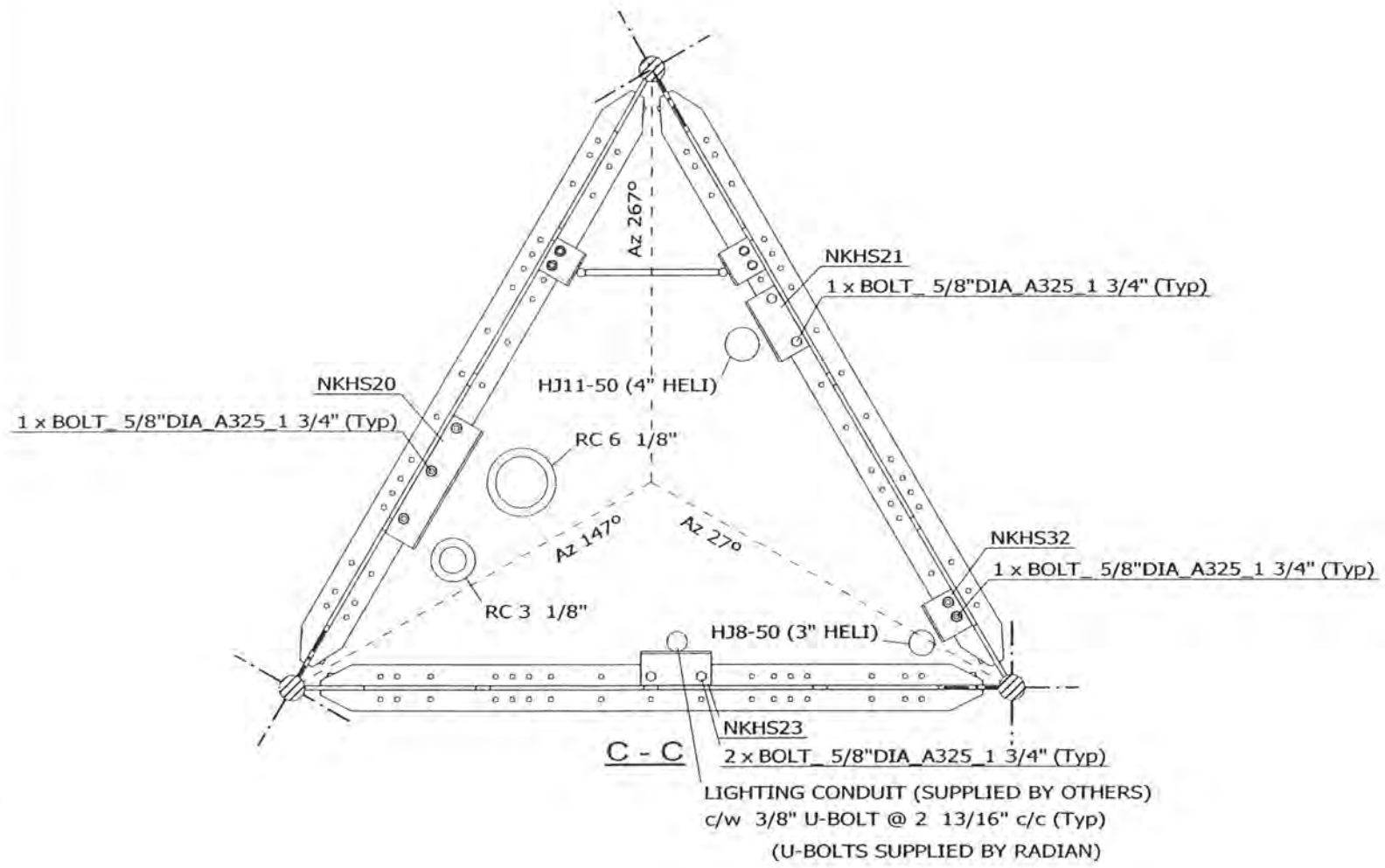
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT07 MAST  
 SECT 23,24-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 28.03.2003
-------------	---------------	---------------------

ENG'R: EV	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07-NKHS-E18-01	REV: 0
-------------------------------	-----------



NOTES:  
 1) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E18-01
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

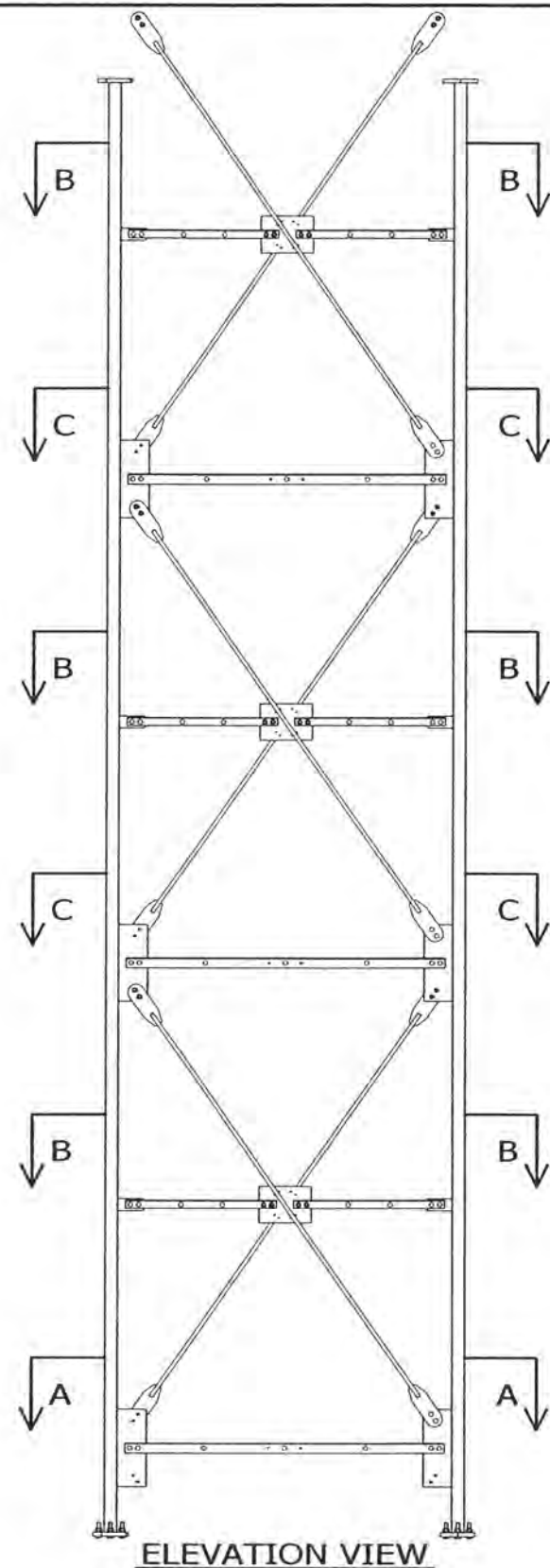
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT07 MAST  
 SECT 23,24-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 28.03.2003
-------------	---------------	---------------------

ENG'R: EV	ENG'R APP'D:
--------------	--------------

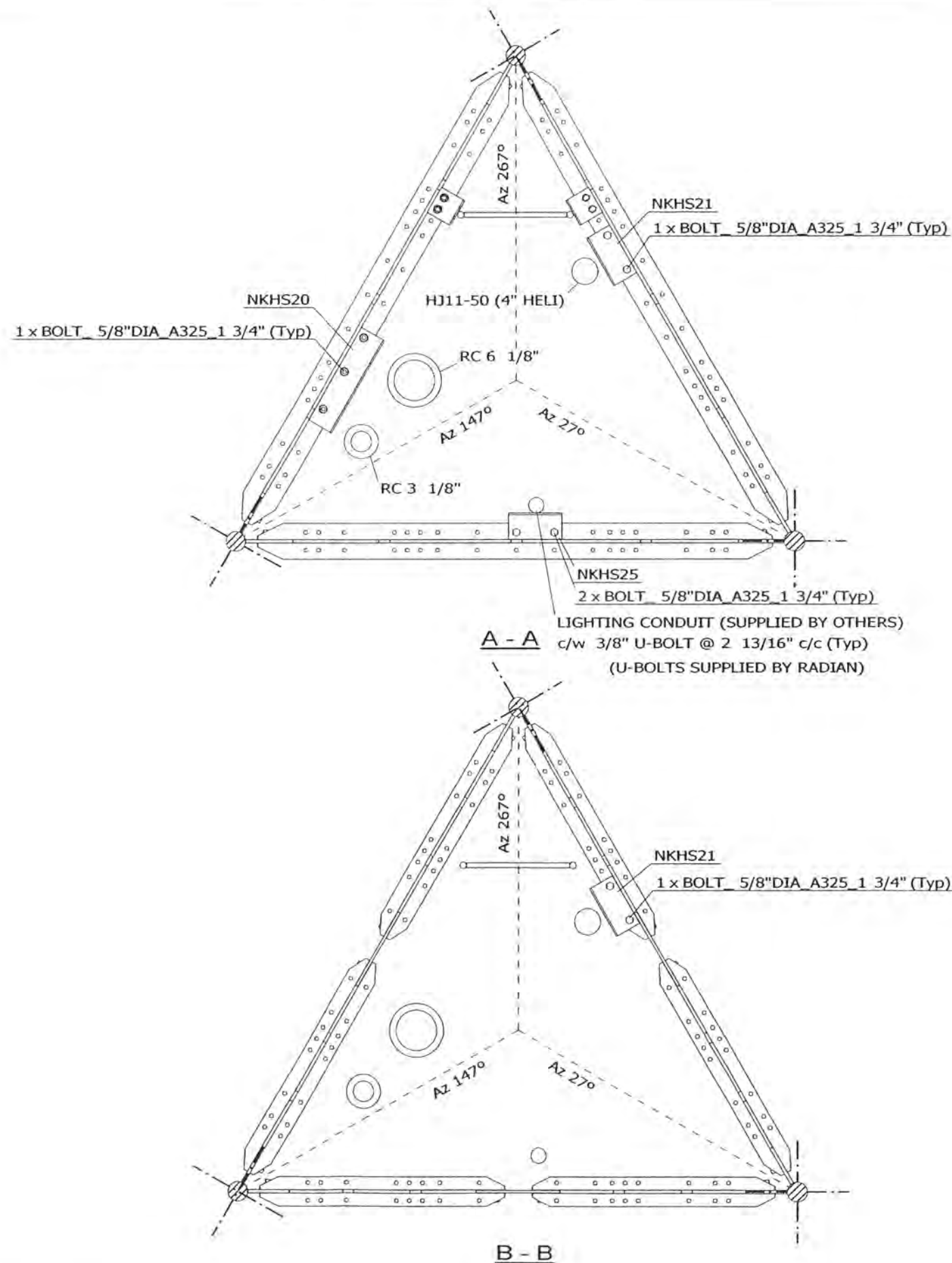
DRAWING NO: 07-NKHS-E18-02	REV: 0
-------------------------------	-----------



**ELEVATION VIEW**

**NOTES:**

- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
- 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
- 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
- 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
- 5) FOR SECT C-C SEE Dwg 07-NKHS-E19-02.



FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	tu

DWG REFERENCE	
DWG	07-NKHS-E19-02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

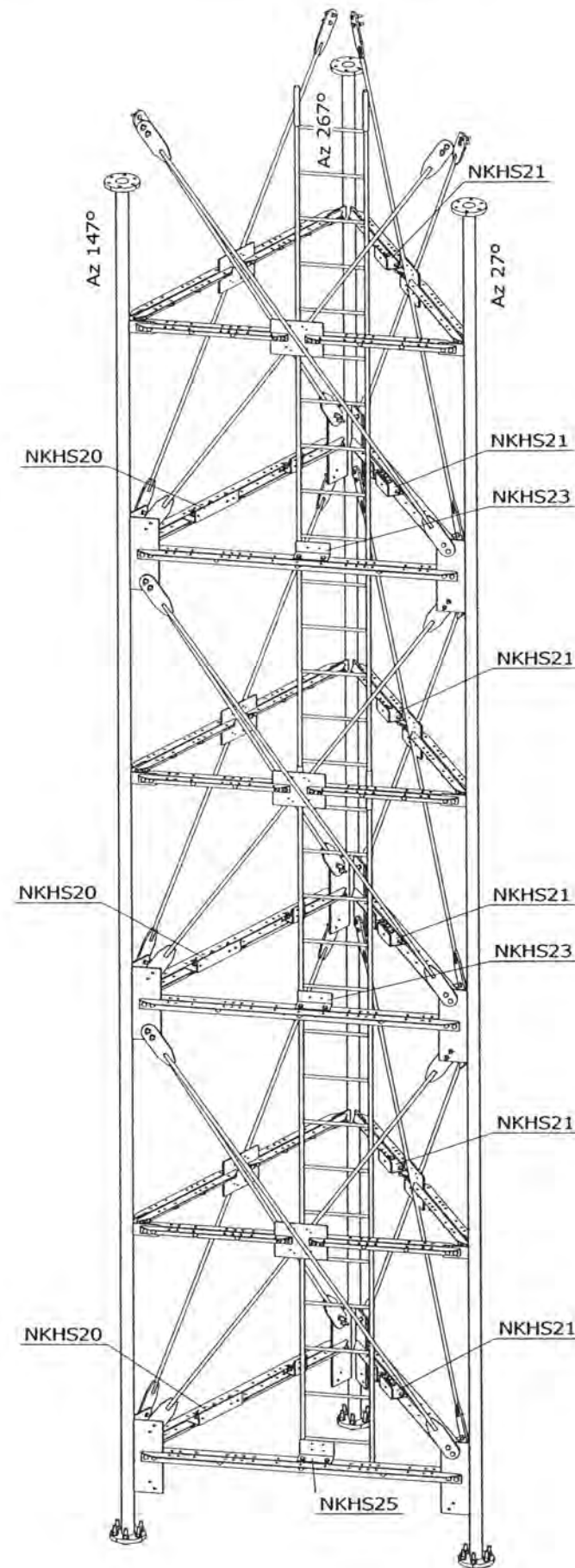
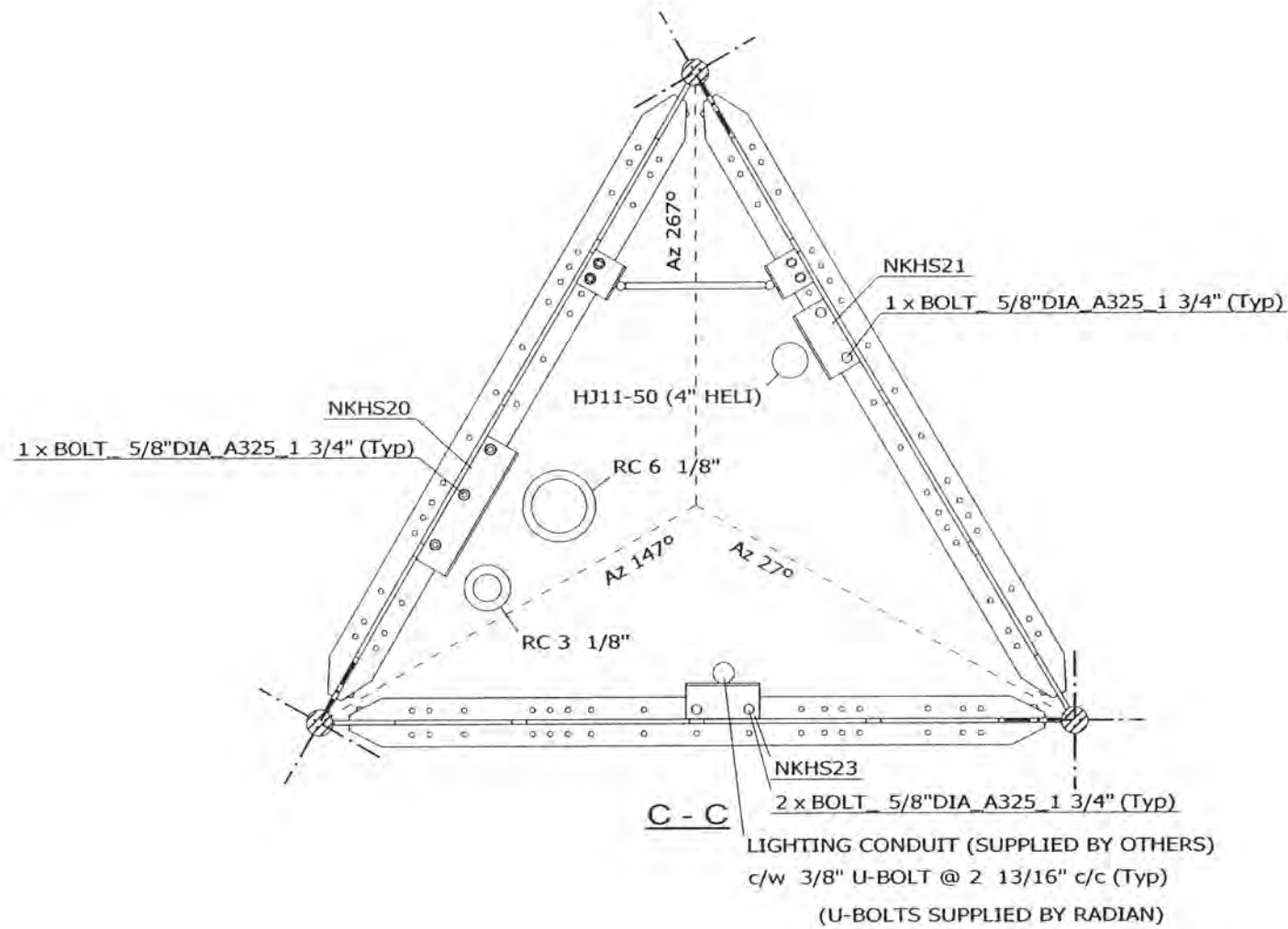
N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT07 MAST  
 SECT 25,26-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN:	CHK'D:	DATE:
SIP	AAS	28.03.2003

ENG'R:	ENG'R APP'D:
EV	

DRAWING NO:	REV:
07-NKHS-E19-01	0





NOTES:  
1) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E19-01
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
[www.radiancorp.com](http://www.radiancorp.com)

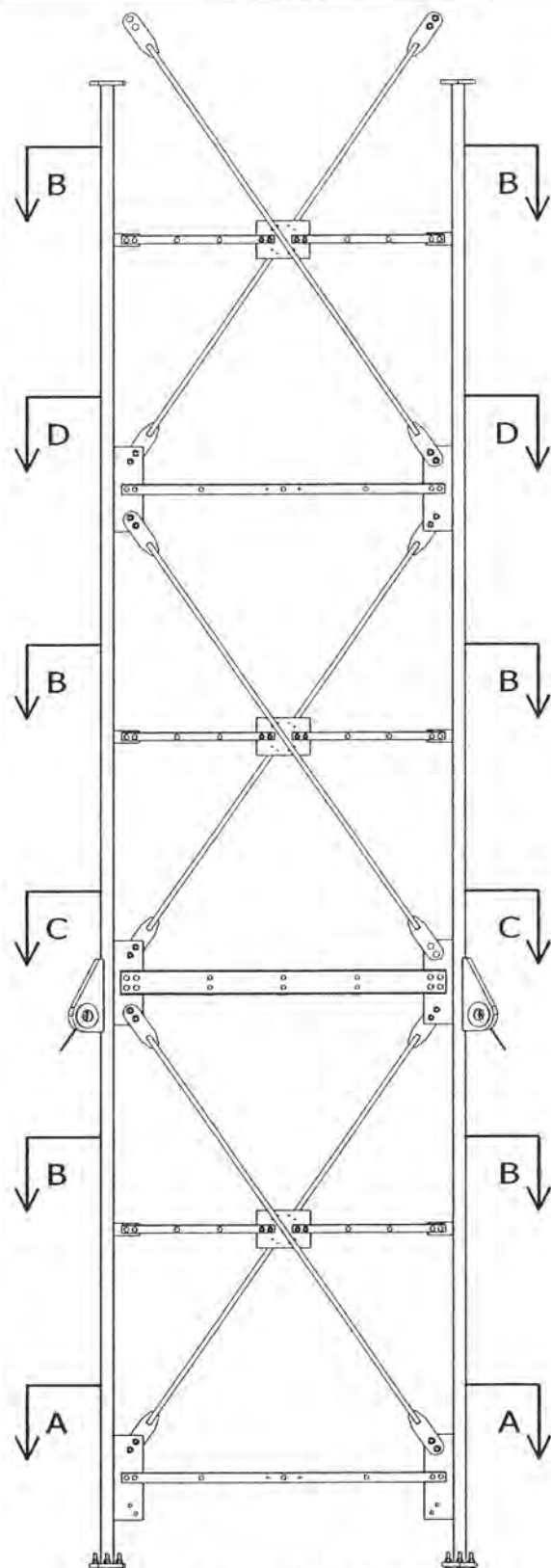
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT07 MAST  
 SECT 25,26-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 28.03.2003
-------------	---------------	---------------------

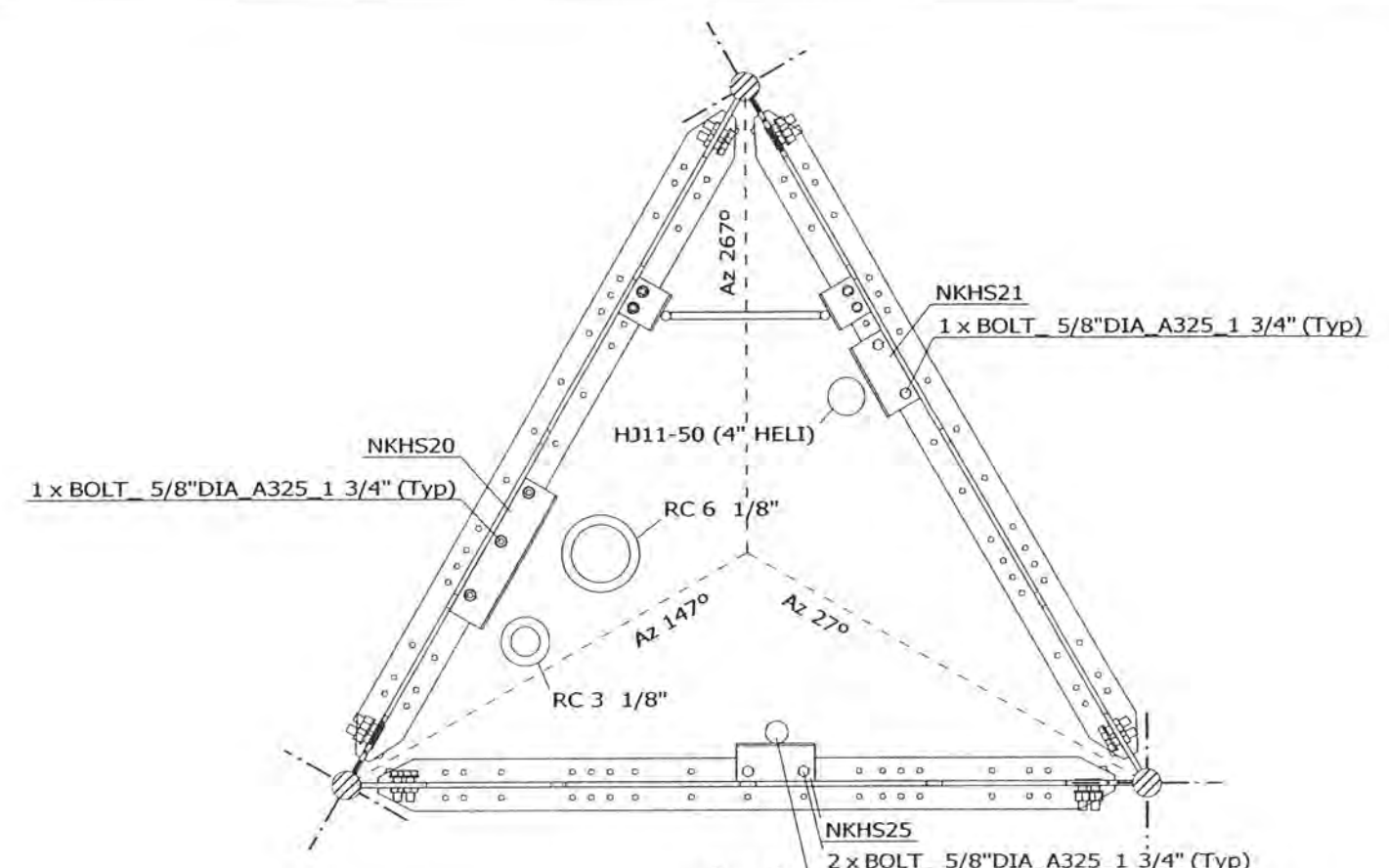
ENG'R: EV	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07-NKHS-E19-02	REV: 0
-------------------------------	-----------

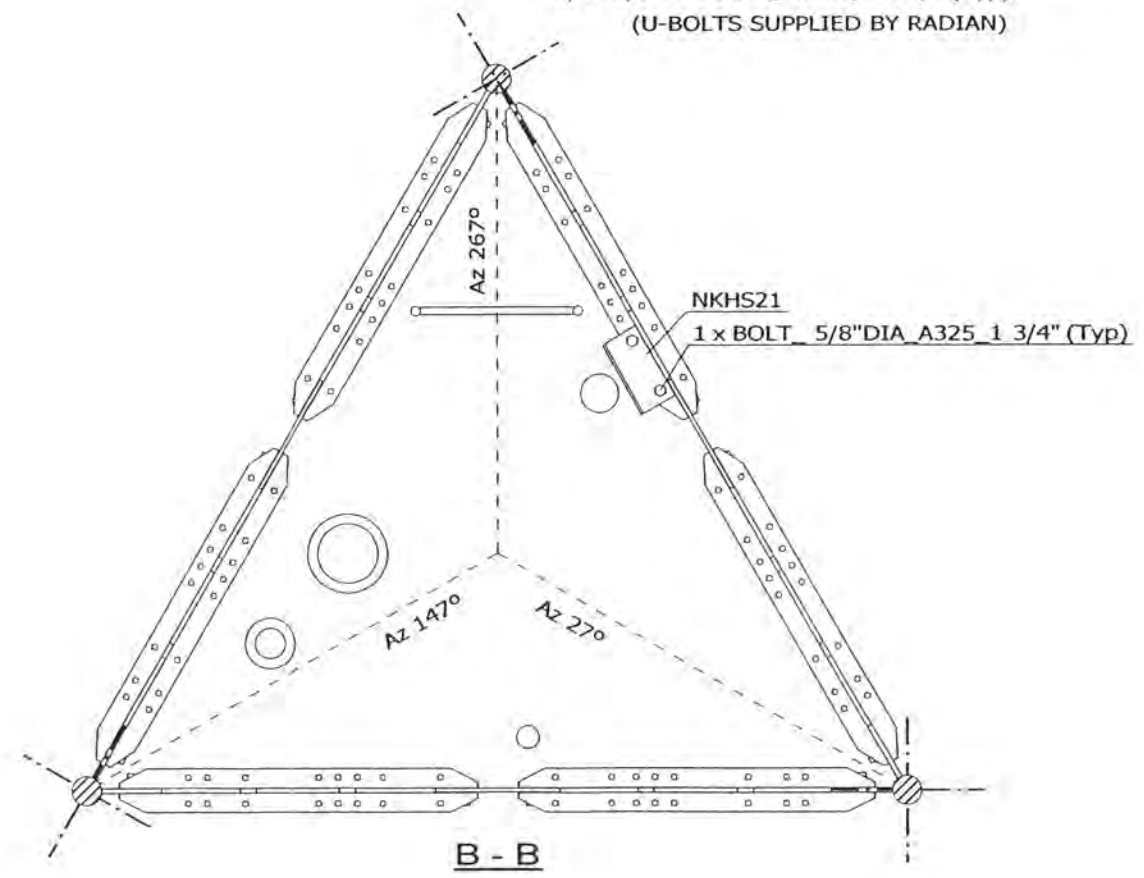


**ELEVATION VIEW**

- NOTES:
- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
  - 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
  - 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
  - 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
  - 5) FOR SECT C-C SEE Dwg 07-NKHS-E20-02.



**A - A**  
LIGHTING CONDUIT (SUPPLIED BY OTHERS)  
c/w 3/8" U-BOLT @ 2 13/16" c/c (Typ)  
(U-BOLTS SUPPLIED BY RADIAN)



**B - B**

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E20-02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

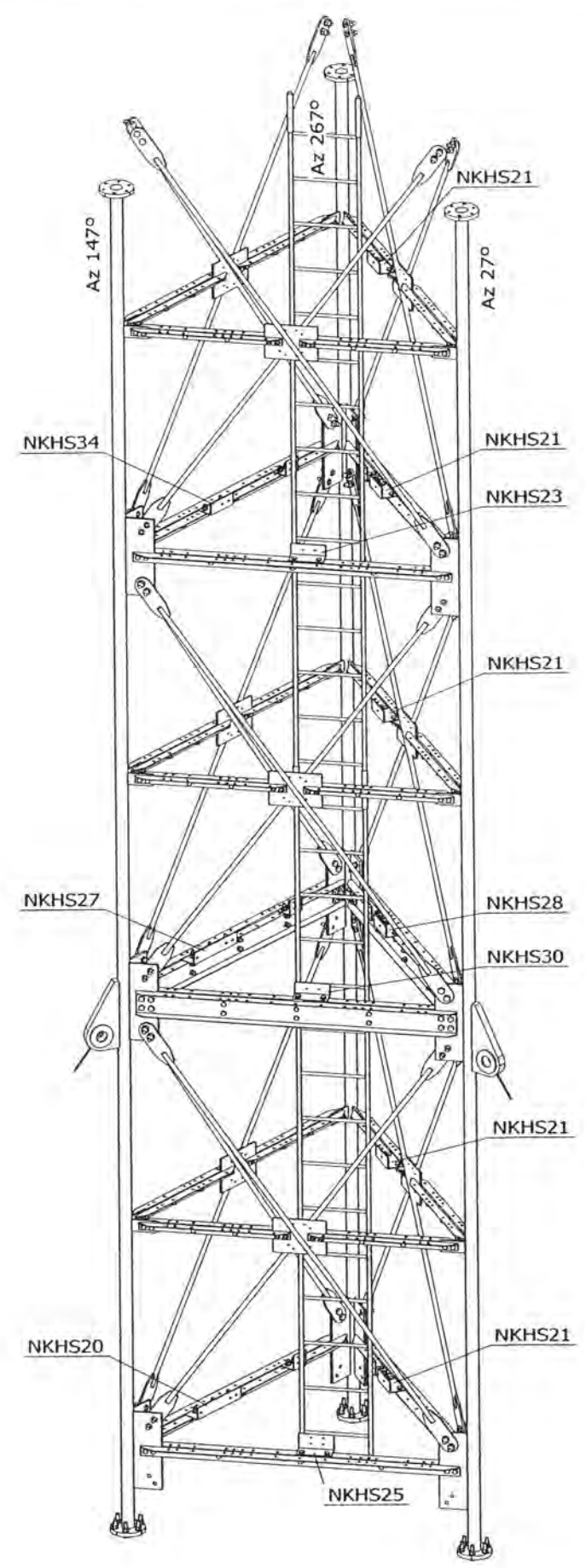
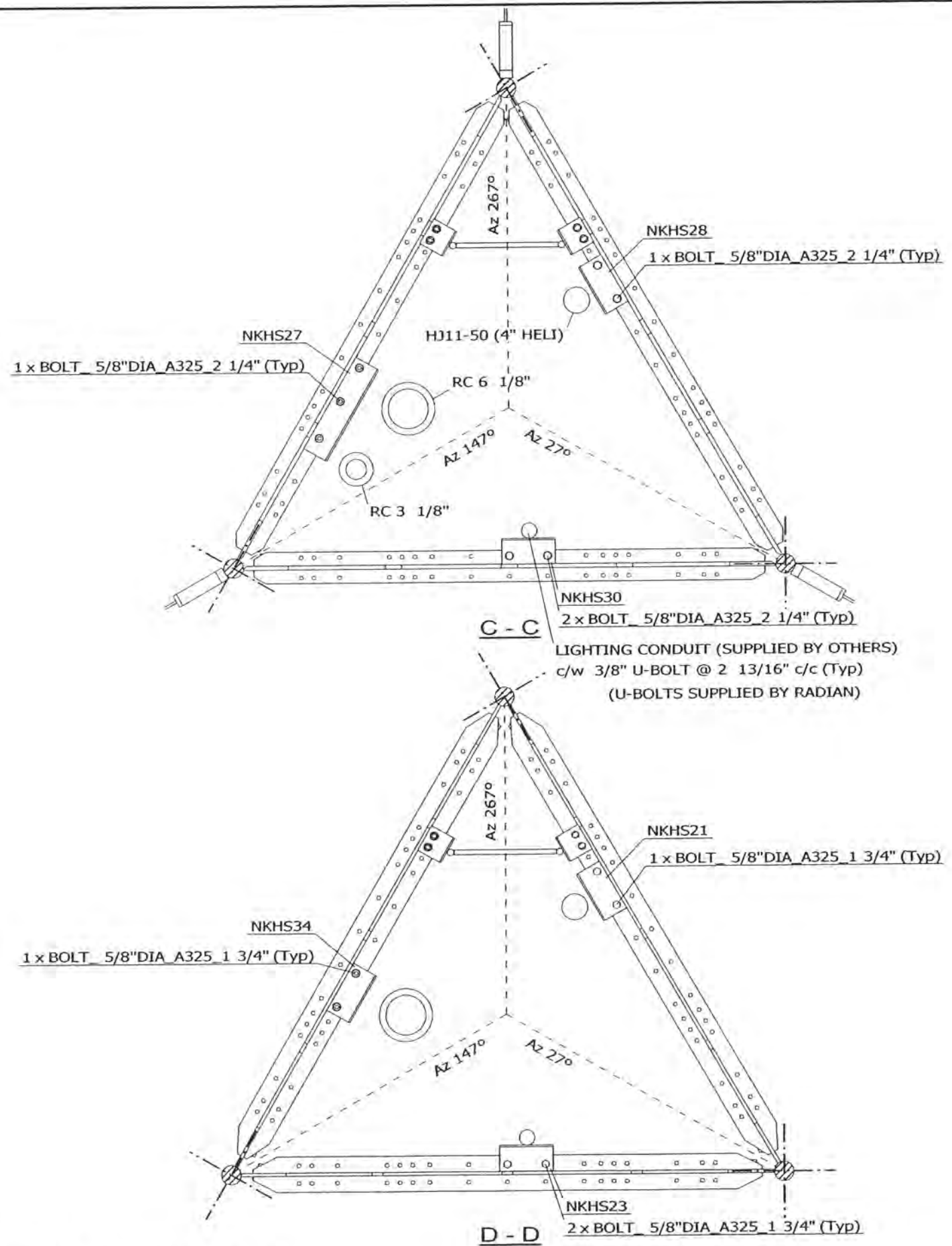
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT07 MAST  
 SECT 27-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN:	CHK'D:	DATE:
SIP	AAS	28.03.2003

ENG'R:	ENG'R APP'D:
EV	

DRAWING NO:	REV:
07-NKHS-E20-01	0



FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	6/

DWG REFERENCE	
DWG	07-NKHS-E20-01
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1742      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT07 MAST  
 SECT 27-TX & LIGHTING SUPPORT  
 NORFOLK, NE

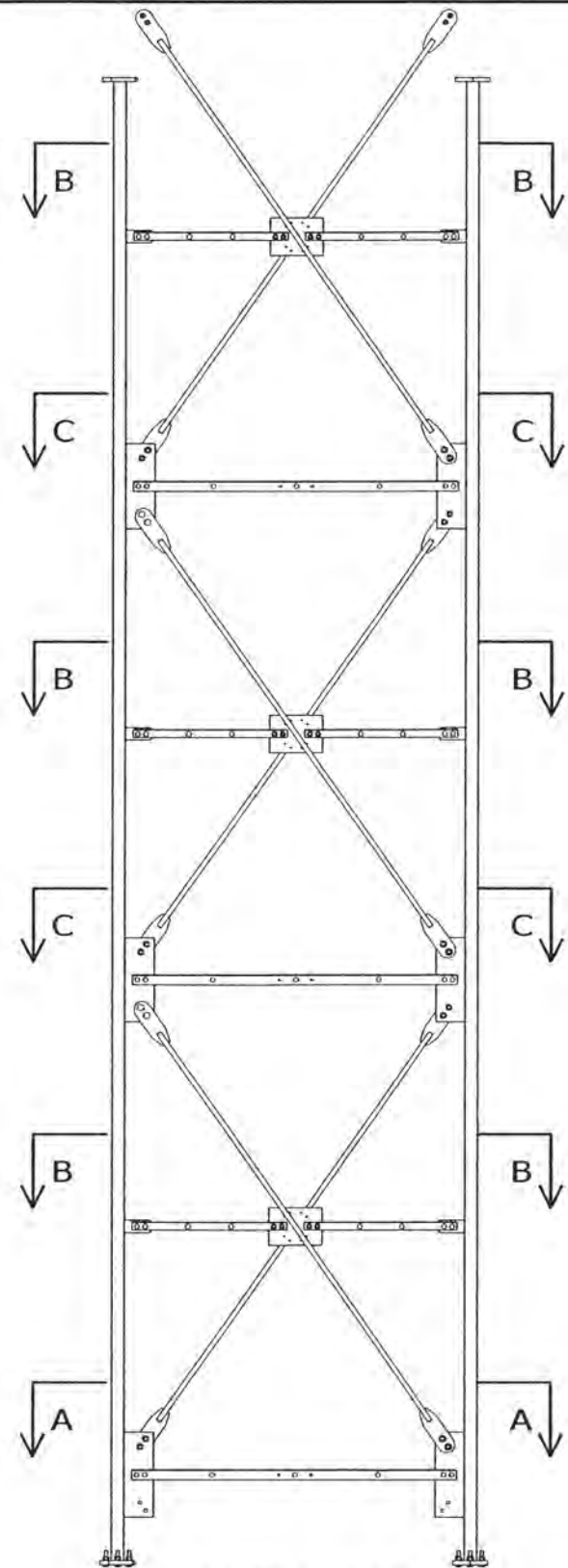
DWN: SIP	CHK'D: AAS	DATE: 28.03.2003
-------------	---------------	---------------------

ENG'R: EV	ENG'R APP'D:
--------------	--------------

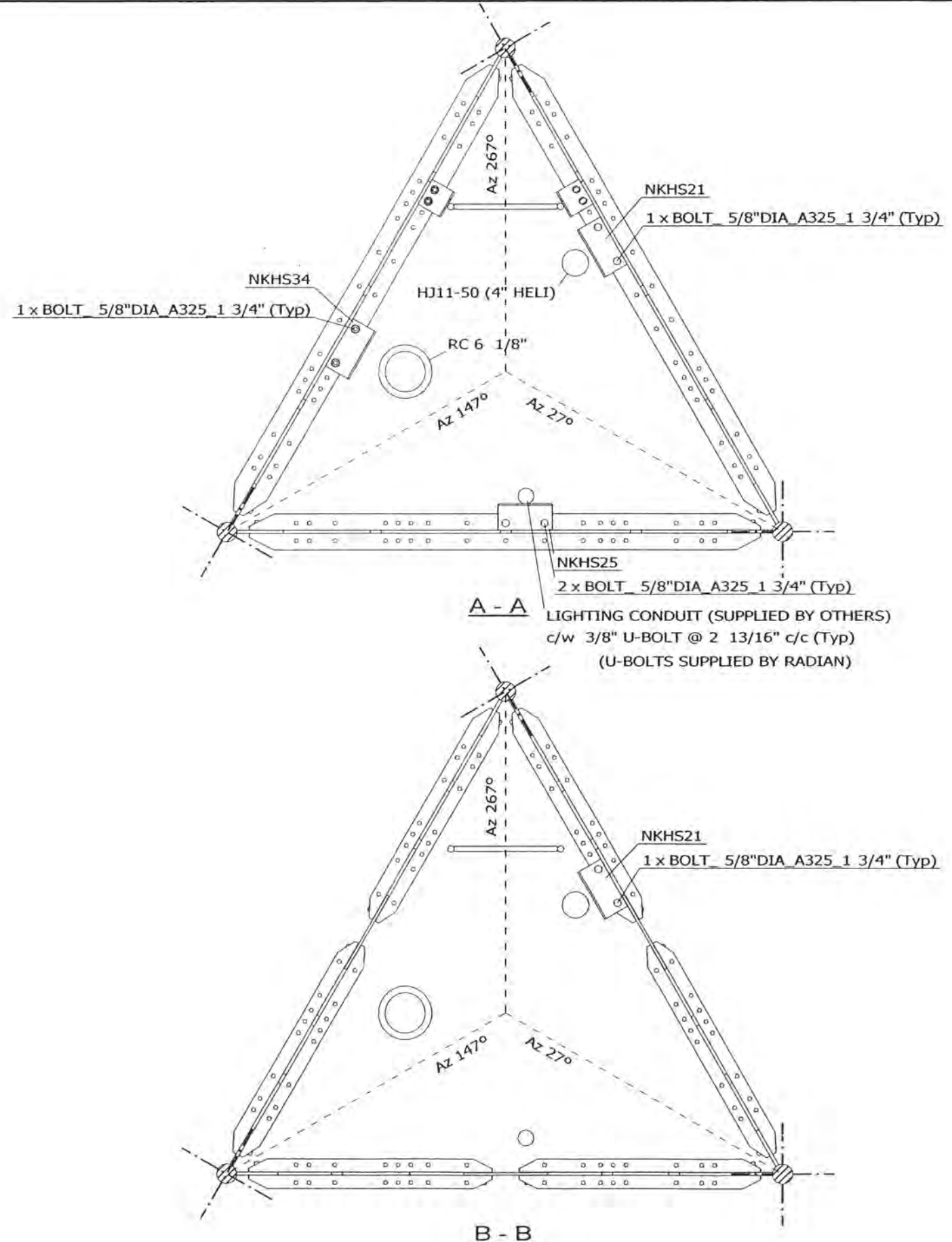
DRAWING NO: 07-NKHS-E20-02	REV: 0
-------------------------------	-----------

NOTES:  
 1) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.





**ELEVATION VIEW**



- NOTES:
- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
  - 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
  - 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
  - 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.
  - 5) FOR SECT C-C SEE Dwg 07-NKHS-E21-02.

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E21-02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

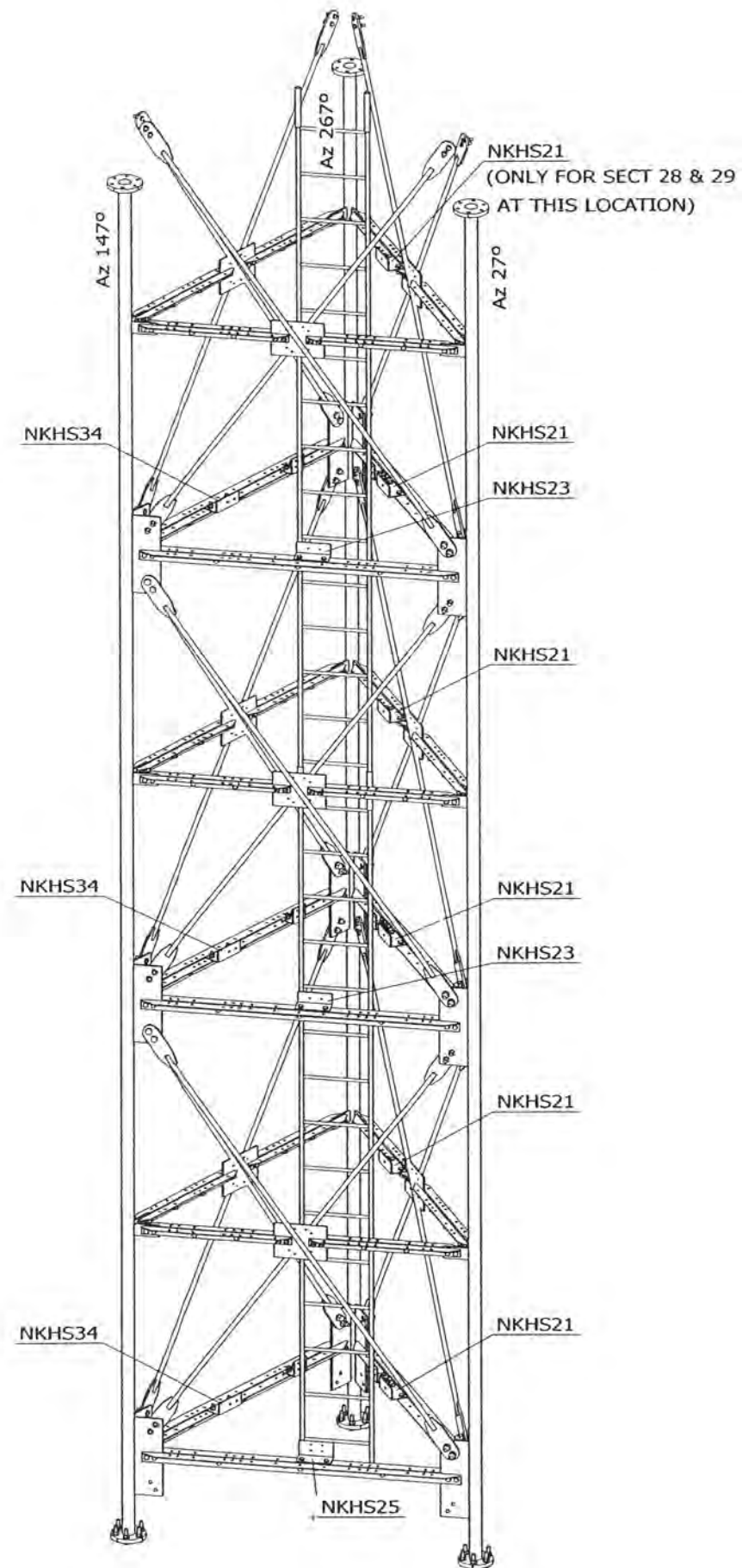
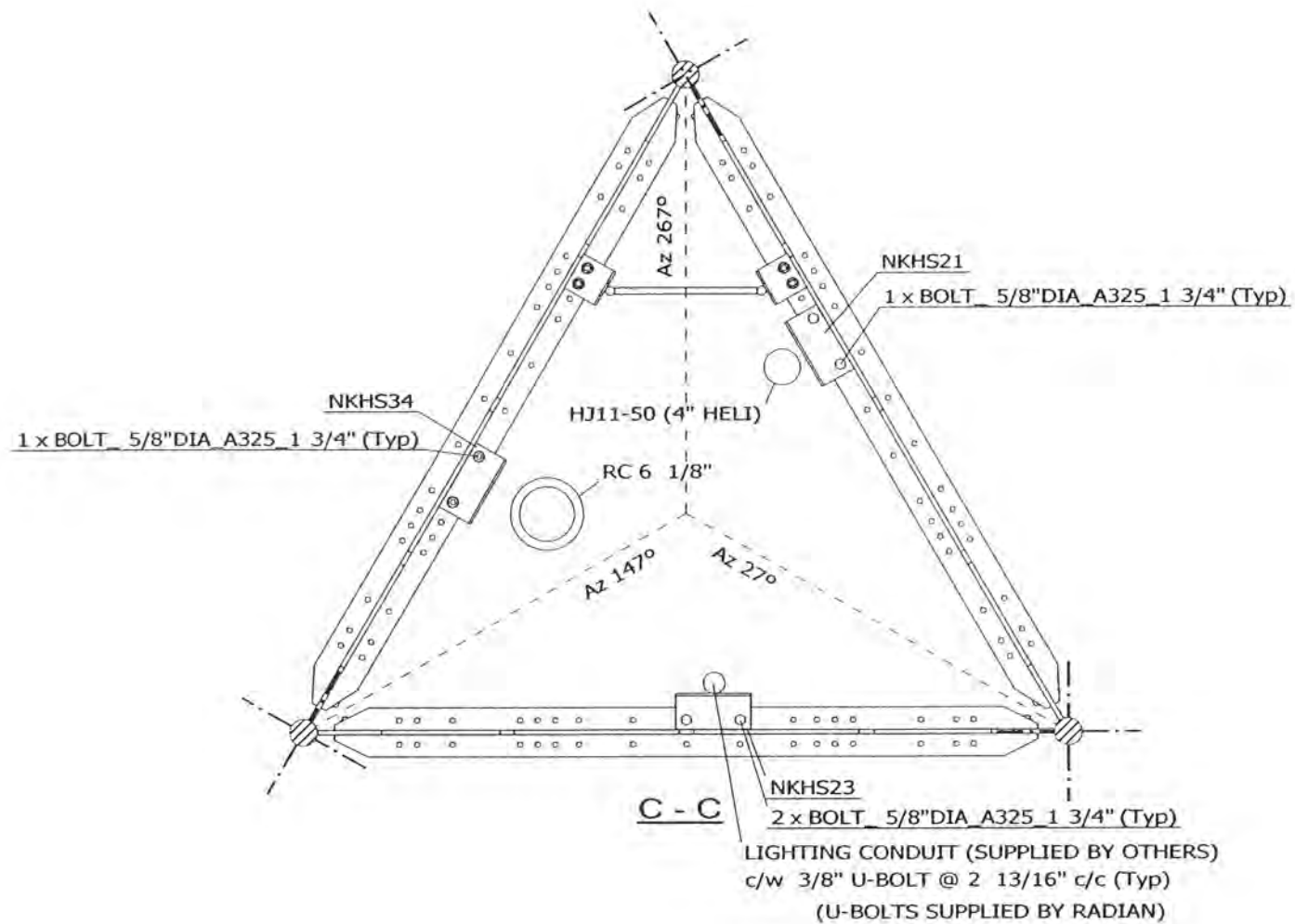
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT07 MAST  
 SECT 28-30-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 28.03.2003
-------------	---------------	---------------------

ENG'R: EV	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07-NKHS-E21-01	REV: 0
-------------------------------	-----------



FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E21-01
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837 FACSIMILE +1 636 922 3238  
 www.radiantcorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT07 MAST  
 SECT 28-30-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN:	CHK'D:	DATE:
SIP	AAS	28.03.2003

ENG'R:	ENG'R APP'D:
EV	

DRAWING NO:	REV:
07-NKHS-E21-02	0

NOTES:  
 1) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07XE2-E02
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	



**RADIAN**

OAKVILLE, ON, CANADA      ST. CHARLES, MD, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

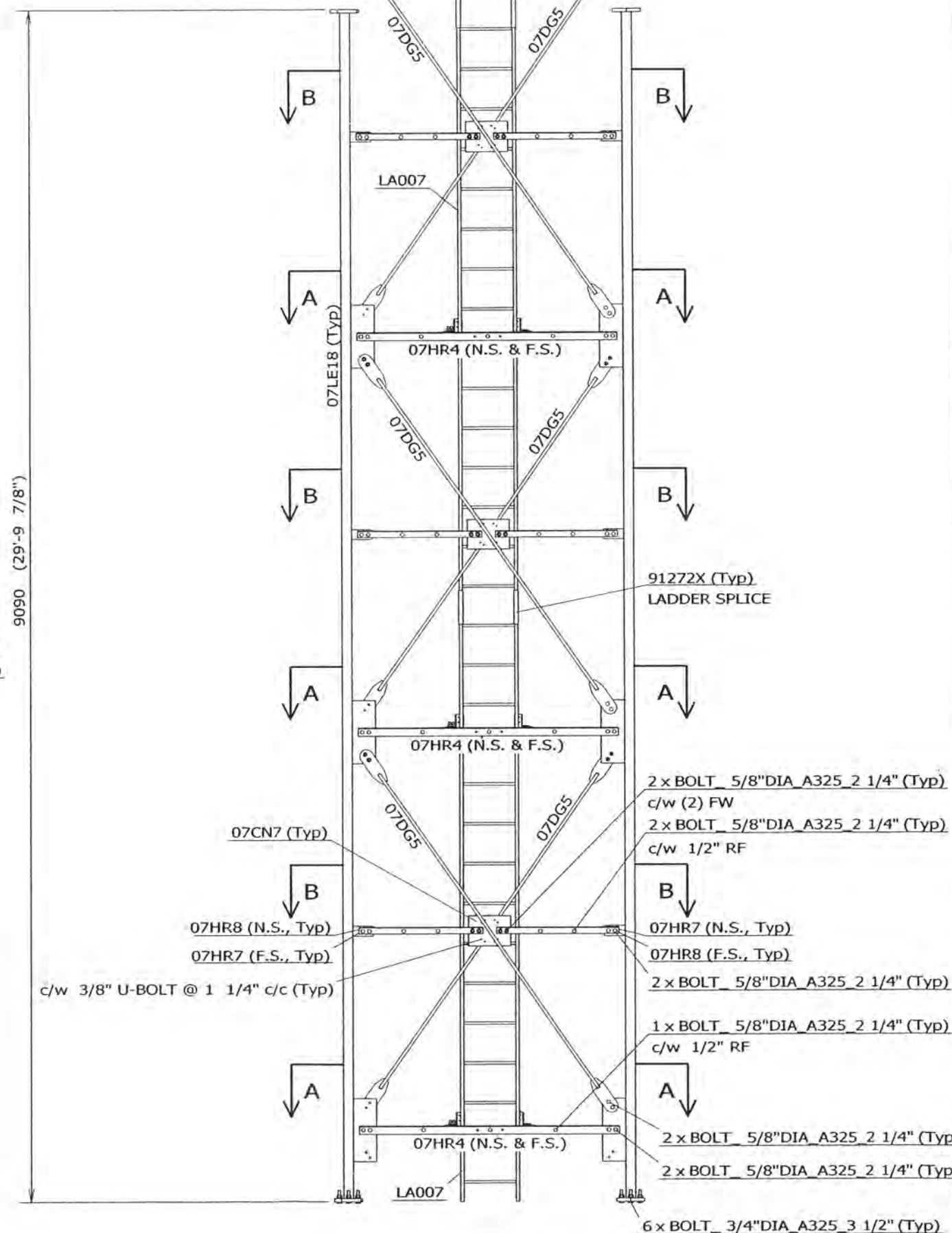
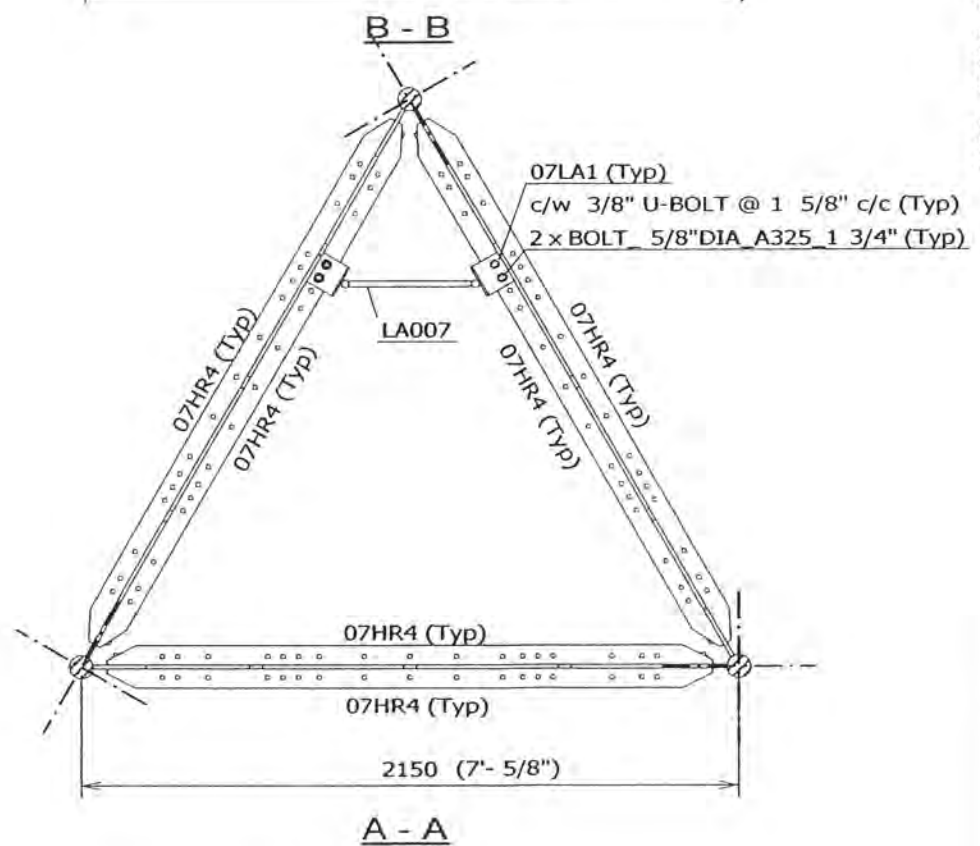
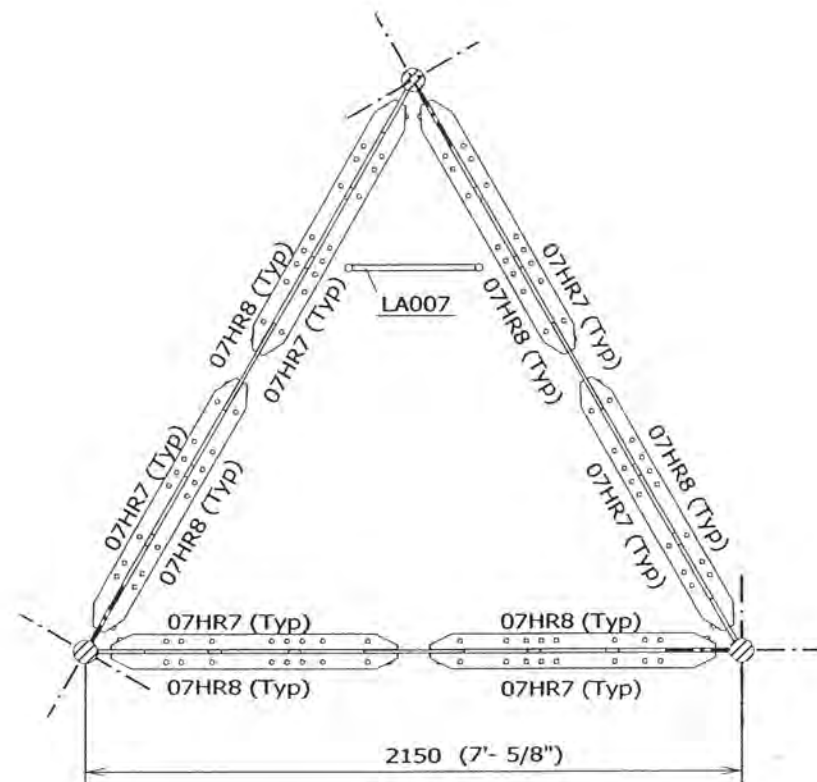
Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XE2  
 SR 3" LEG, SR 7/8"-X DIAG.

DWN:	CHK'D:	DATE:
SIP	AAS	27.03.2003

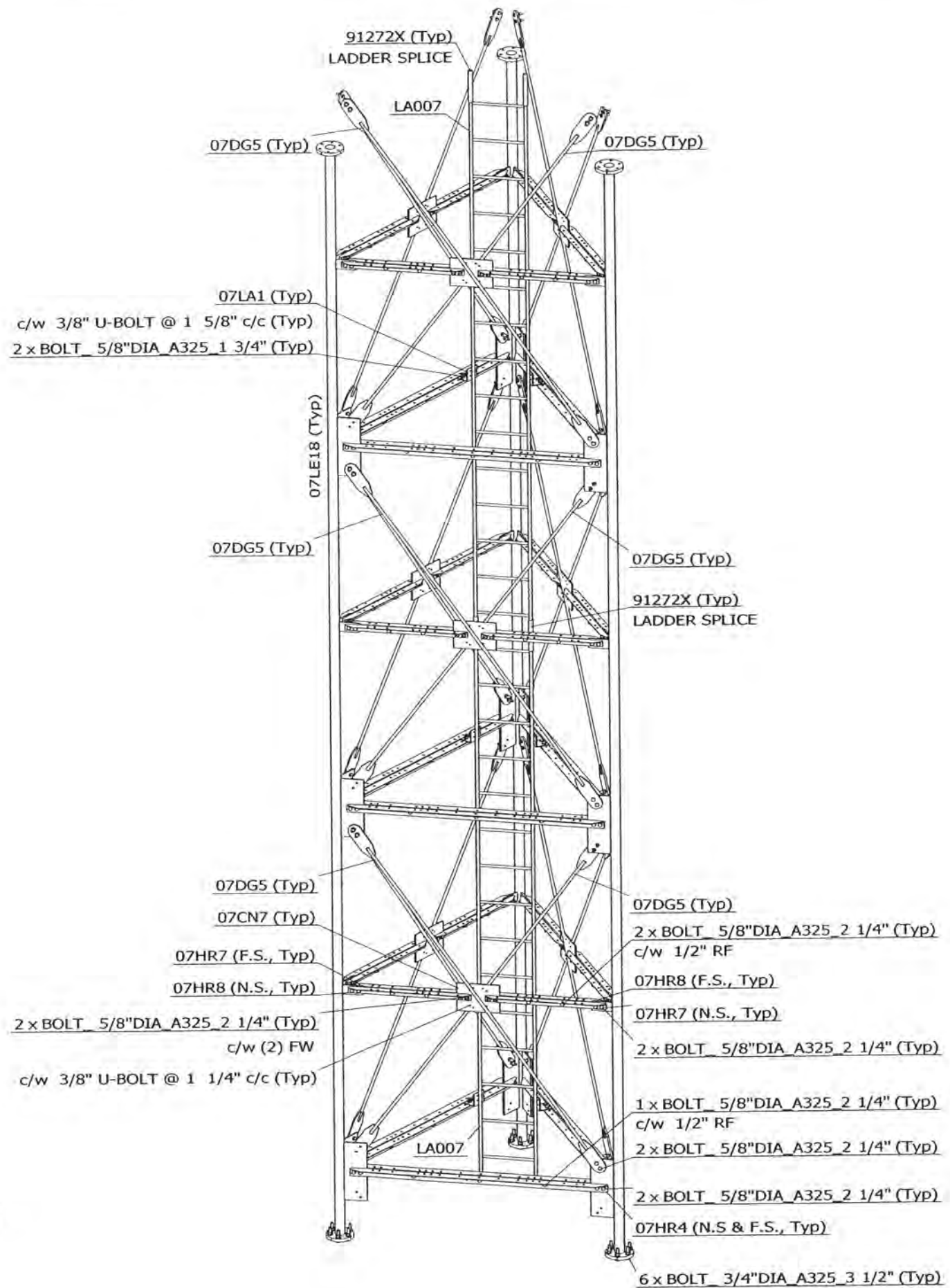
ENG'R:	ENG'R APP'D:
EV	

DRAWING NO:	REV:
07XE2-E01	0



- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.





NOTES:

- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
- 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
- 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
- 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.

FILE NO.: STANDARD

REVISIONS

REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07XE2-E01
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiantcorp.com

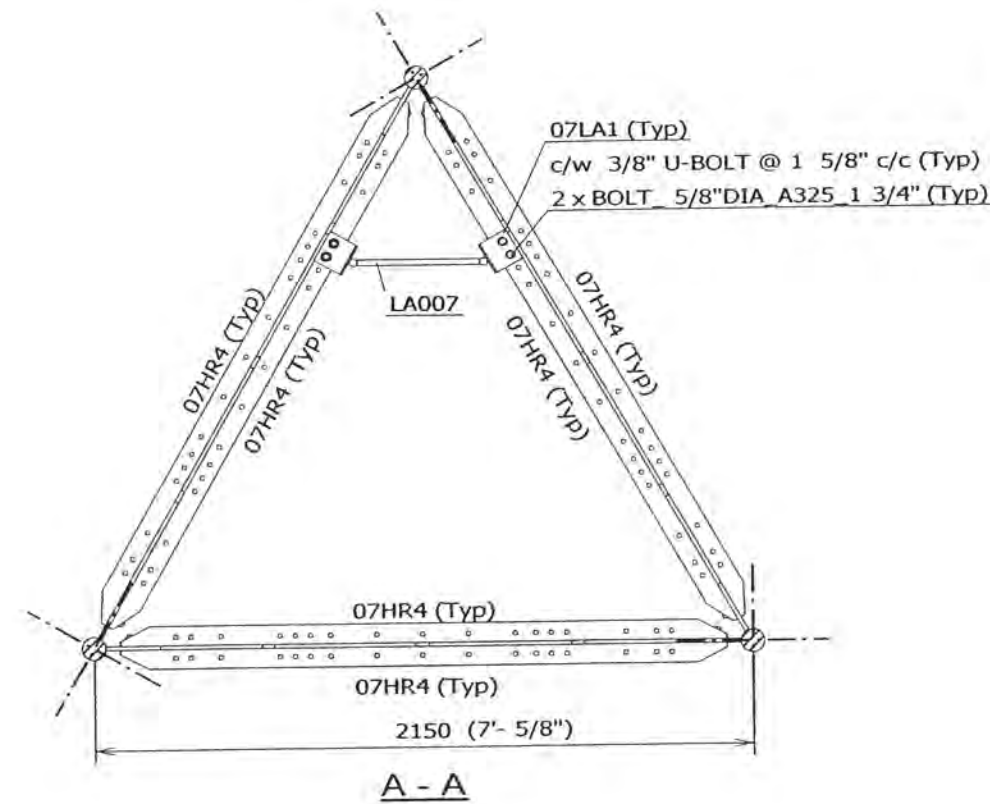
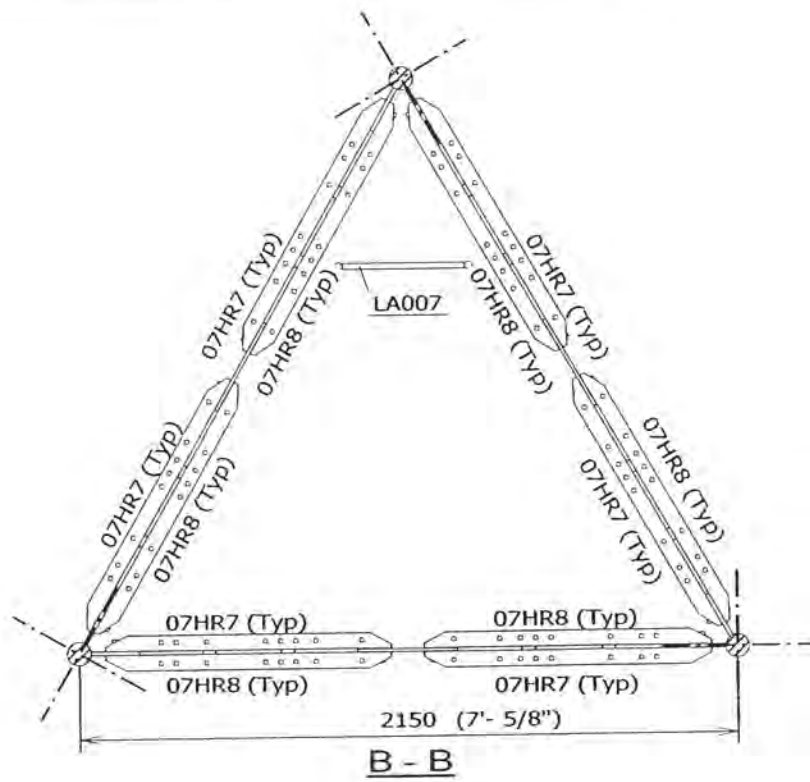
Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XE2  
 SR 3" LEG, SR 7/8"-X DIAG.

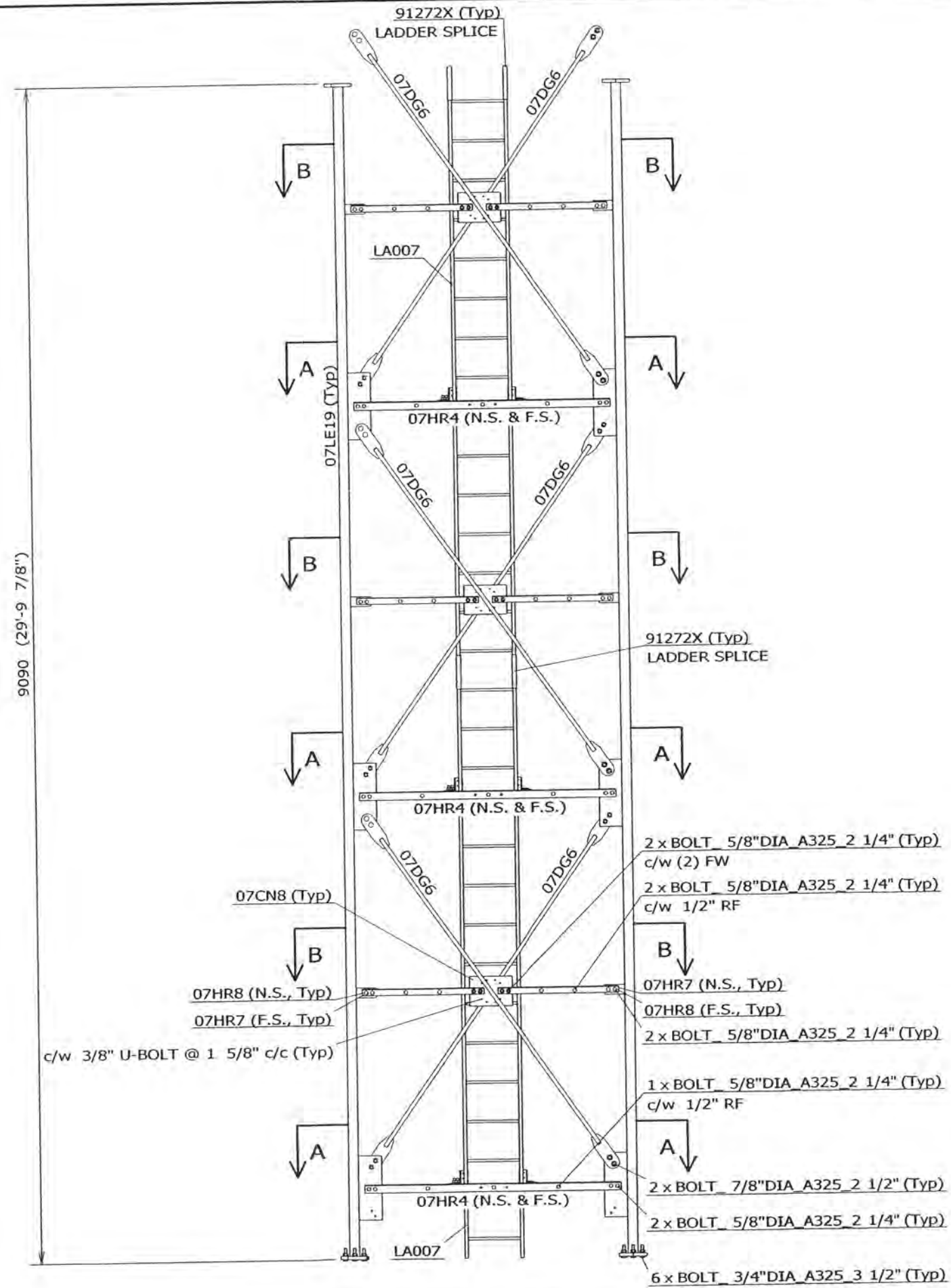
DWN: SIP	CHK'D: AAS	DATE: 27.03.2003
-------------	---------------	---------------------

ENG'R: EV	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07XE2-E02	REV: 0
--------------------------	-----------



- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.



FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07XE8J-E02
DWG	
DWG	
DWG	
DWG	
DWG	

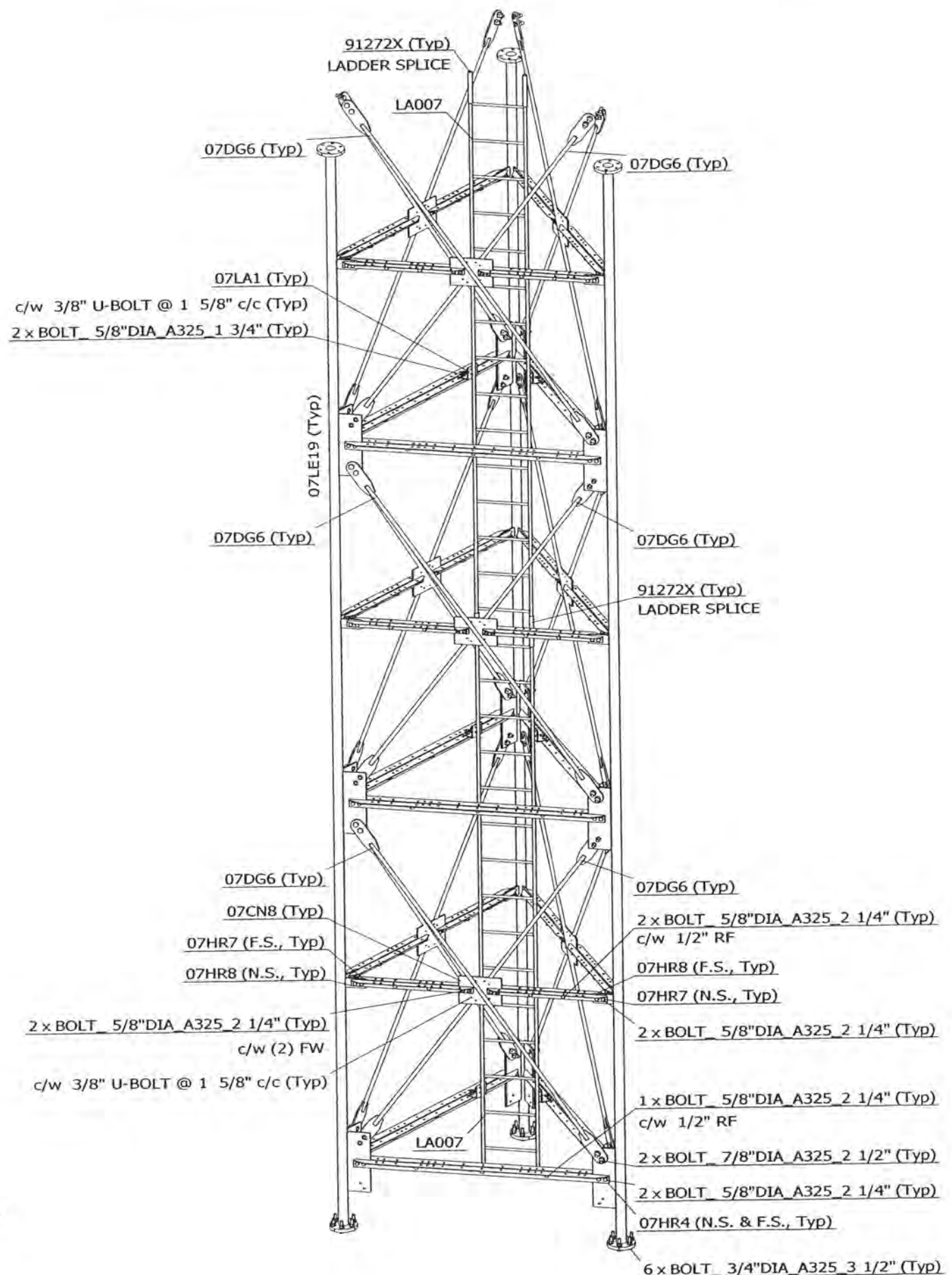


OAKVILLE, ON, CANADA  
 TELEPHONE +1 905 844-1242  
 FACSIMILE +1 905 844 8837  
 ST. CHARLES, MO, USA  
 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XE8J  
 SR 3" LEG, SR 1 1/8"-X DIAG.  
 DIAG. TRANSITION SECT

DWN: SIP	CHK'D: AAS	DATE: 27.03.2003
ENGR: EV	ENGR APP'D:	
DRAWING NO: 07XE8J-E01		REV: 0



NOTES:

- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
- 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
- 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
- 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	fw

DWG REFERENCE	
DWG	07XE8J-E01
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	



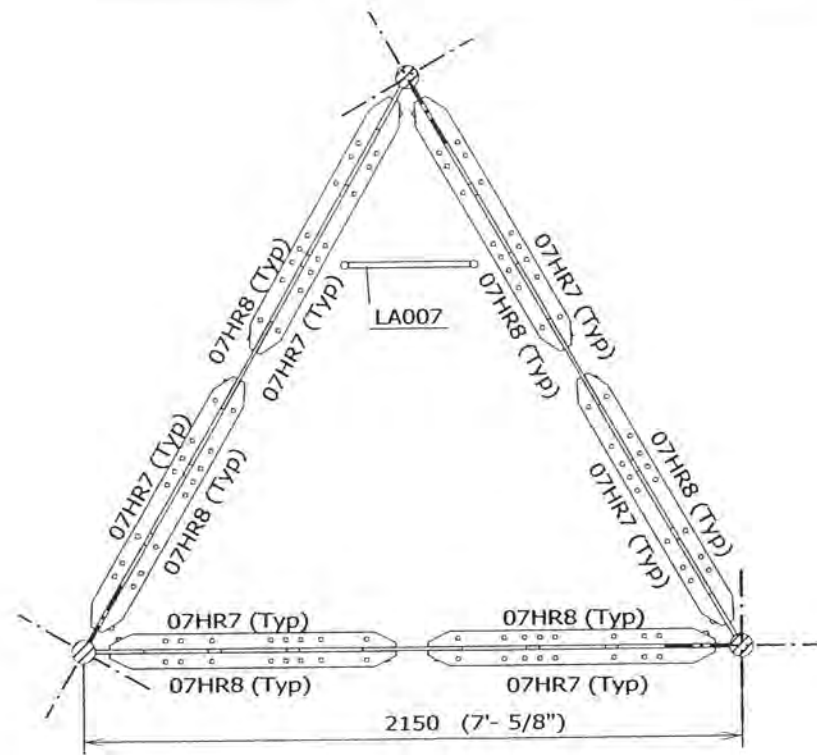
OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

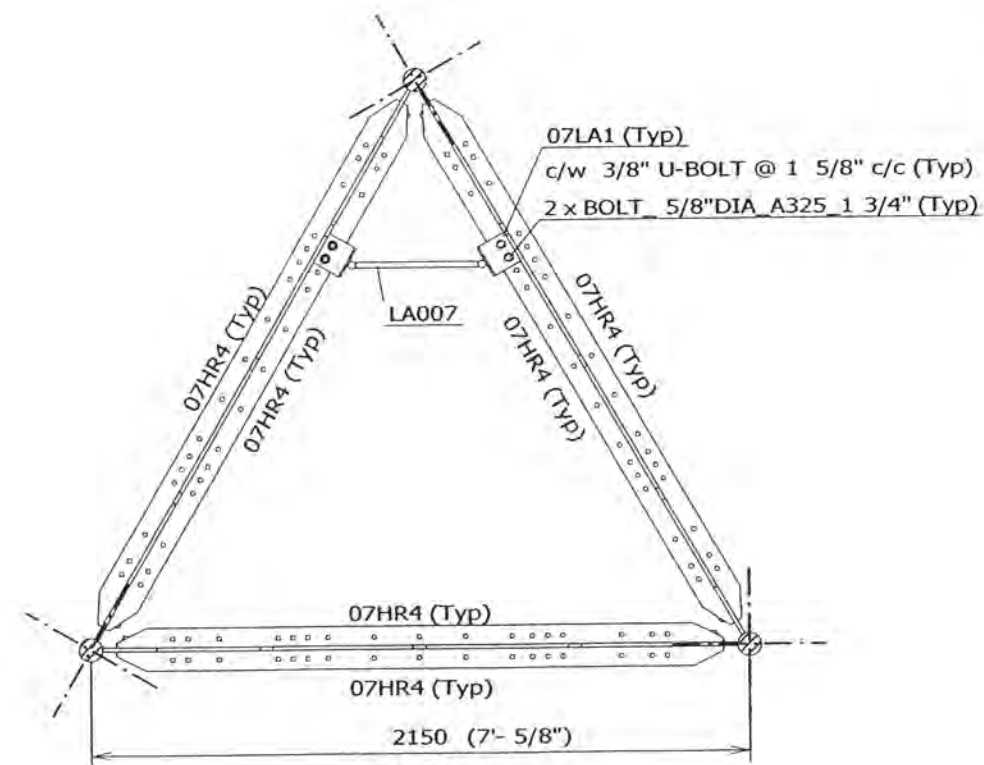
RT07 SERIES MAST  
 KIT# K07XE8J  
 SR 3" LEG, SR 1 1/8"-X DIAG.  
 DIAG. TRANSITION SECT

DWN: SIP	CHK'D: AAS	DATE: 27.03.2003
ENG'R: EV	ENG'R APP'D:	
DRAWING NO: 07XE8J-E02		REV: 0





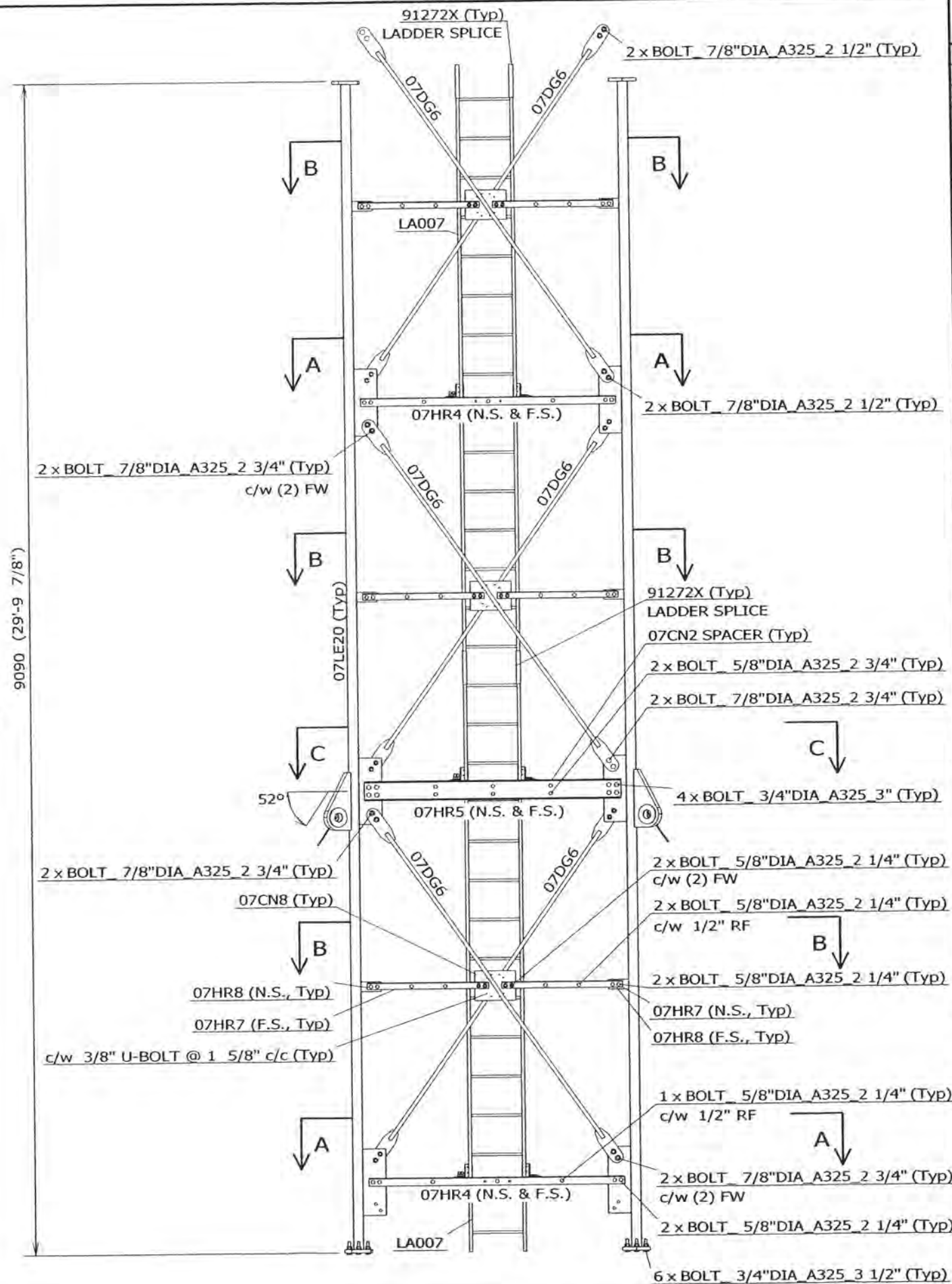
B - B



A - A

NOTES:

- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
- 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
- 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
- 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.
- 5) FOR SECT C-C SEE Dwg 07XE8G3K5-E02.



FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07XE8G3K5-E02
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	



DAKVILLE, ON, CANADA      ST. CHARLES, MD, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiantcorp.com

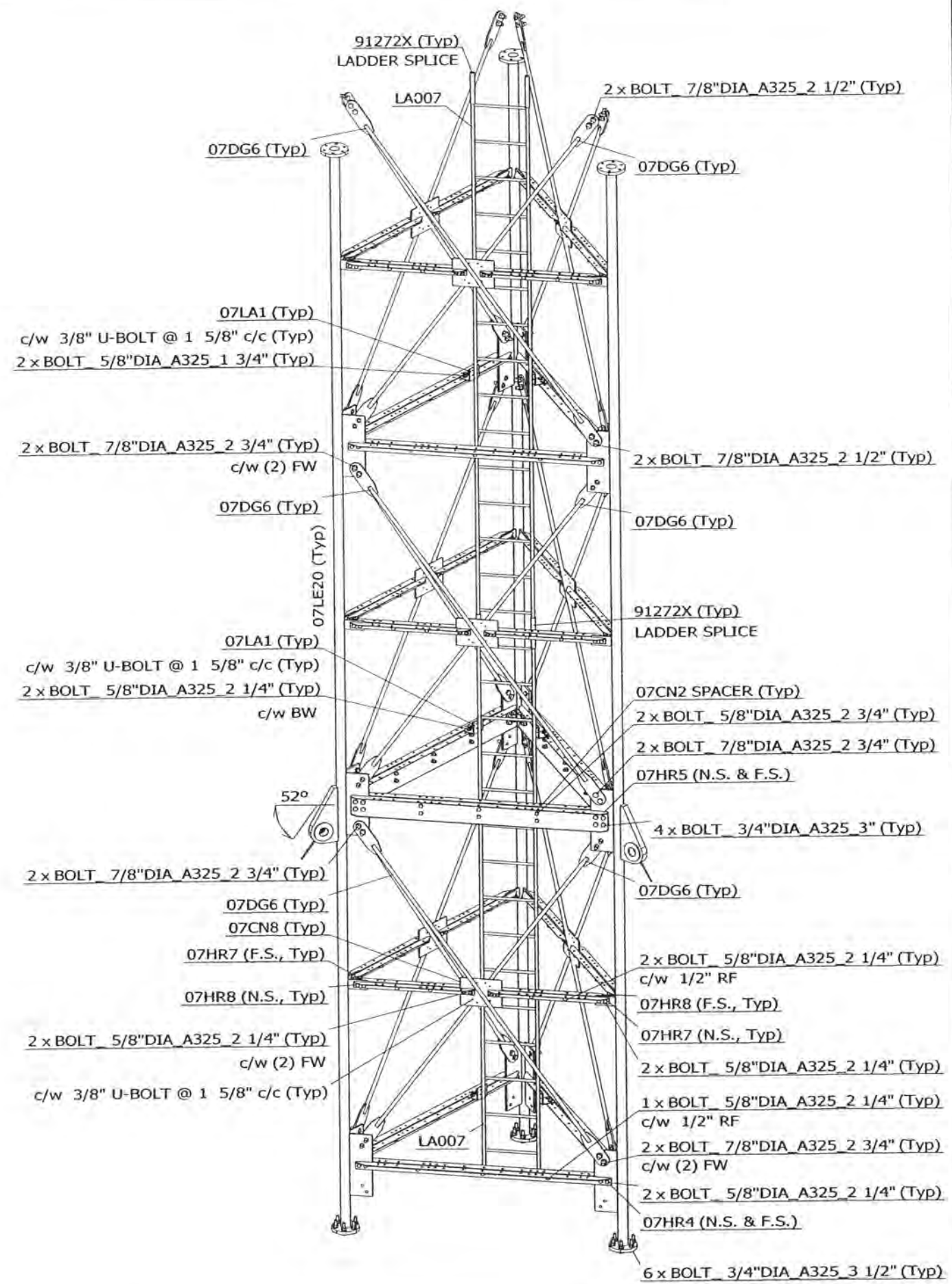
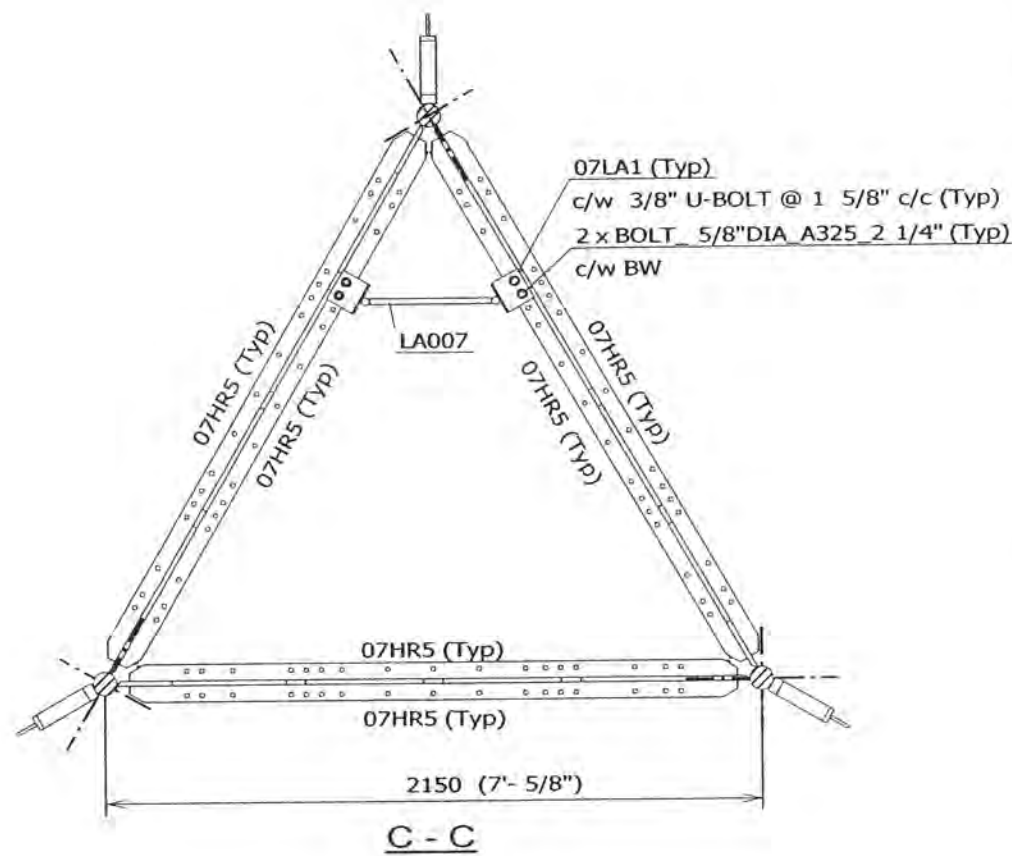
Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XE8G3K5  
 SR 3" LEG, SR 1 1/8"-X DIAG.  
 52 Deg, GUY SIZE (1.188-1.25)UH

DWN: SIP	CHK'D: AAS	DATE: 27.03.2003
-------------	---------------	---------------------

ENGR': EV	ENGR APPD:
--------------	------------

DRAWING NO: 07XE8G3K5-E01	REV: 0
------------------------------	-----------



- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07XE8G3K5-E01
DWG	
DWG	
DWG	
DWG	
DWG	



OKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiantcorp.com

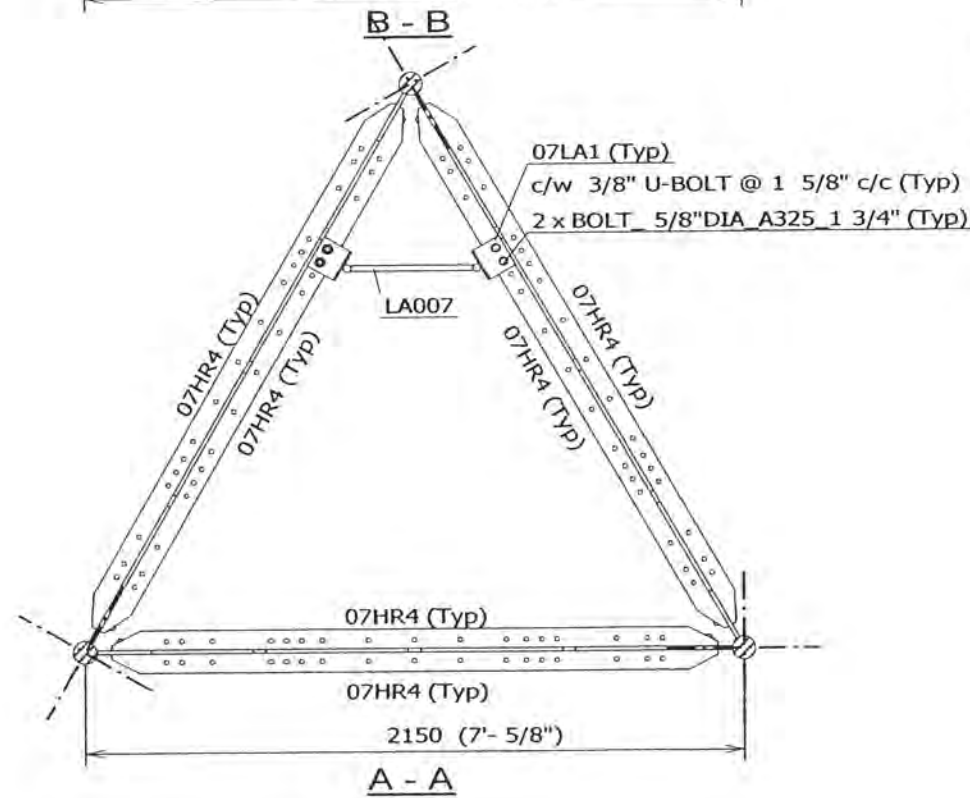
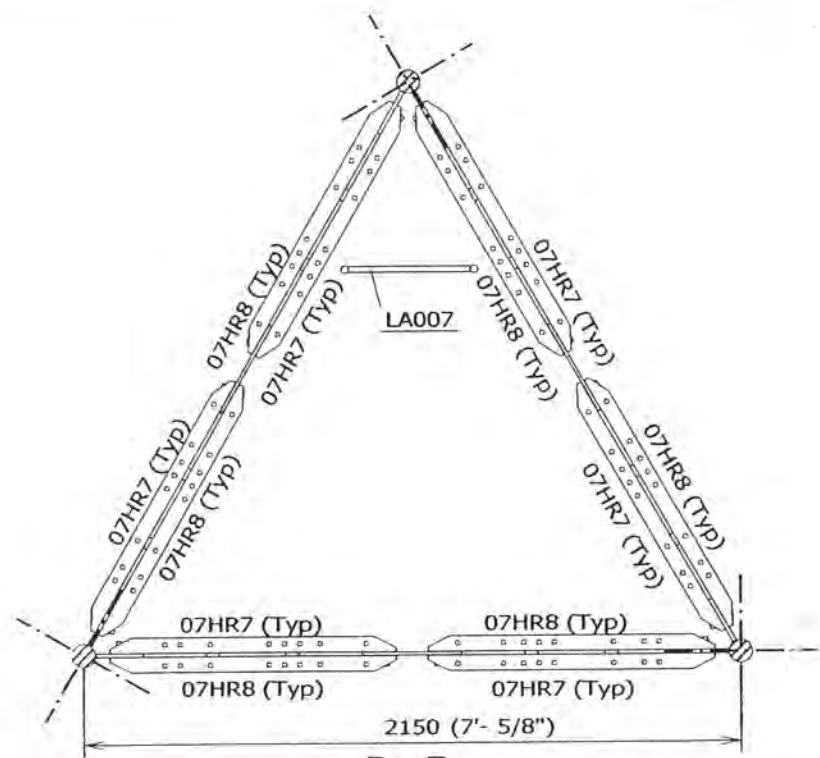
Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XE8G3K5  
 SR 3" LEG, SR 1 1/8"-X DIAG.  
 52 Deg, GUY SIZE (1.188-1.25)UH

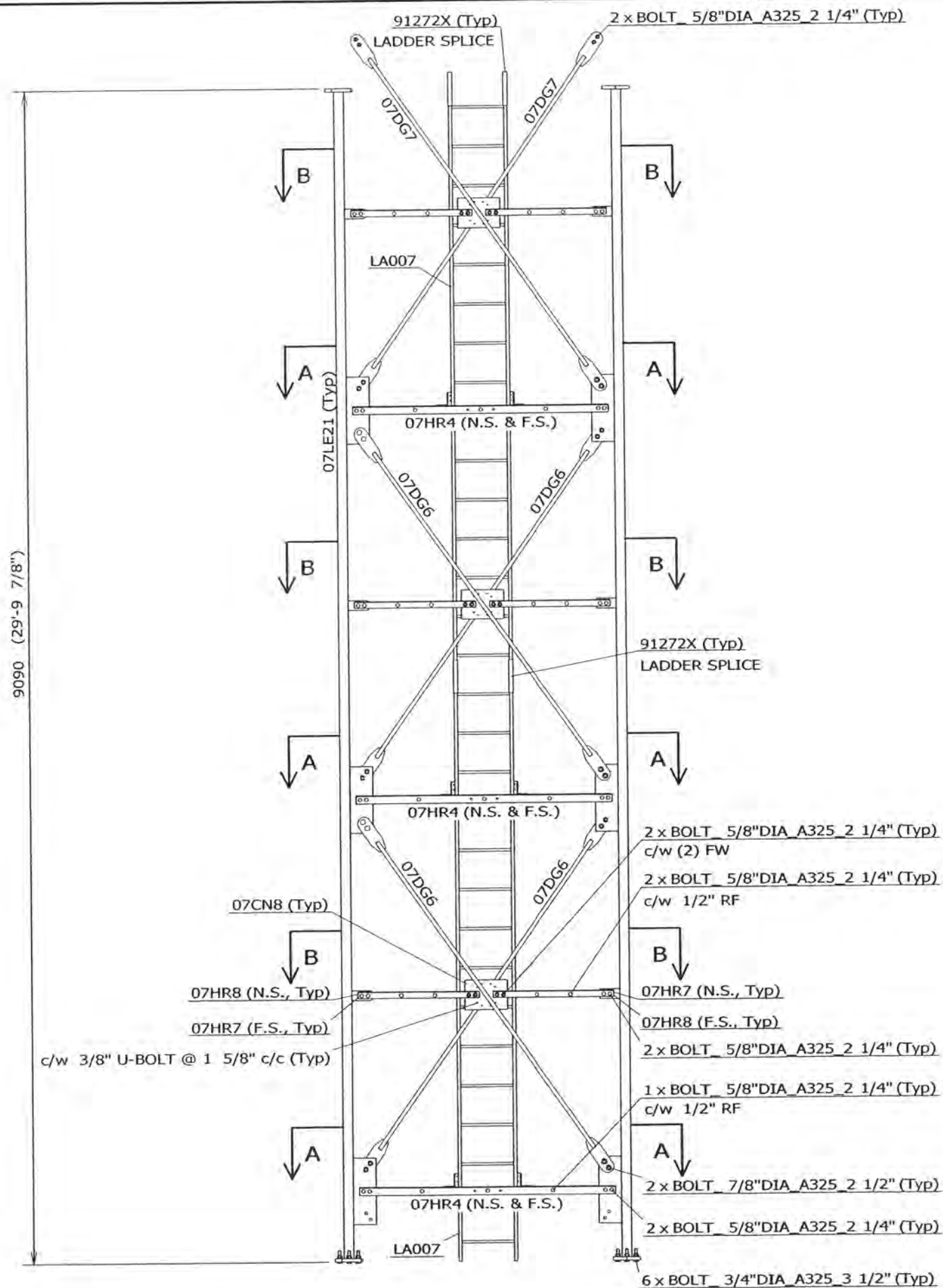
DWN:	CHK'D:	DATE:
SIP	AAS	27.03.2003

ENG'R:	ENG'R APP'D:
EV	

DRAWING NO:	REV:
07XE8G3K5-E02	0



9090 (29'-9 7/8")



FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07XE8K-E02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA  
 TELEPHONE +1 905 844-1242  
 FACSIMILE +1 905 844 8837  
 ST. CHARLES, MO, USA  
 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07XE8K  
 SR 3" LEG, SR 1 1/8"-X DIAG.  
 DIAG. TRANSITION SECT

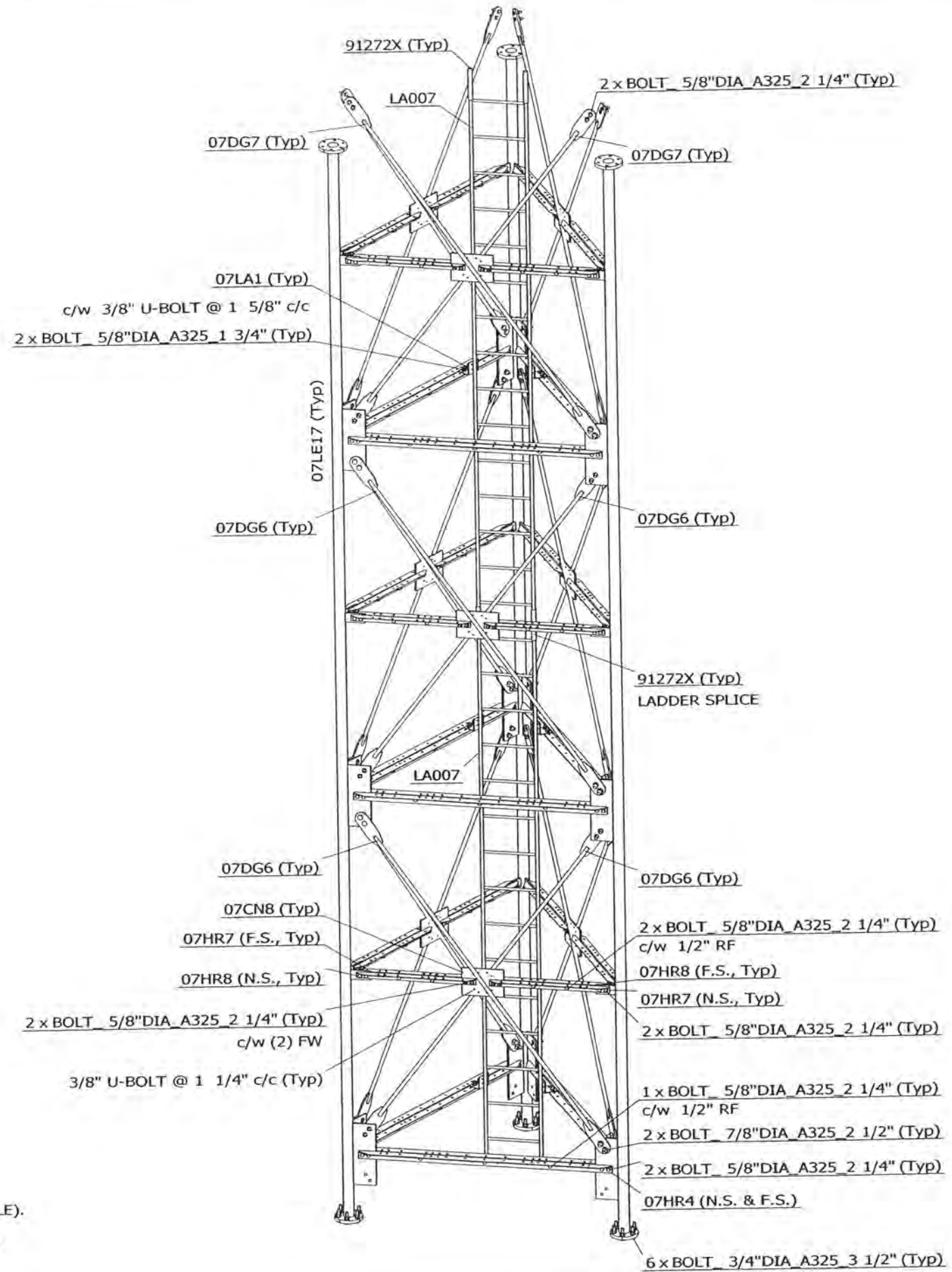
DWN: SIP	CHK'D: AAS	DATE: 27.03.2003
-------------	---------------	---------------------

ENG'R: EV	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07XE8K-E01	REV: 0
---------------------------	-----------

- NOTES:
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
  - 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
  - 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.





NOTES:

- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
- 2) TOWER ORIENTATION AND LEG AZIMUTHS (REFER TO SITE SPECIFIC DESIGN PROFILE).
- 3) LOCATION OF TX LINES' SUPPORTS (REFER TO SITE SPECIFIC SECTION DRAWINGS).
- 4) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.

FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07XF8K-E01
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	

**RADIAN**

OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited.

RT07 SERIES MAST  
 KIT# K07XE8K  
 SR 3 1/4" LEG, SR 1 1/8"-X DIAG.  
 DIAG. TRANSITION SECT

DWN: SIP	CHK'D: AAS	DATE: 25.03.2003
ENG'R: EV	ENG'R APP'D:	
DRAWING NO: 07XF8K-E02		REV: 0

### GUY TENSION CHART

STANDARD INITIAL TENSIONS ARE AT 60 F  
TOWER BASE ELEVATION = 0.000  
Dimensions are in (FEET) unless specified otherwise.

GUY DATA:	GUY HEIGHT	GUY DIAMETER (in.)	
	160.637	0.8750	
ANCHOR NAME	1B	2B	3B
ANCHOR AZ =	27.00	147.00	267.00
RADIUS =	390.000	390.000	403.000
ELEVATION =	-11.831	-11.831	-22.333

TEMP.	GUY TENSION			TAN. INT.	GUY TENSION			TAN. INT.	GUY TENSION			TAN. INT.
	(KIPS)	(KN)	(ft)		(KIPS)	(KN)	(ft)		(KIPS)	(KN)	(ft)	
-20	18.80	83.64	7.24	18.80	83.64	7.24	18.82	83.71	7.81			
00	17.60	78.30	7.73	17.60	78.30	7.73	17.61	78.35	8.35			
20	16.40	72.96	8.30	16.40	72.96	8.30	16.41	72.99	8.96			
40	15.20	67.61	8.95	15.20	67.61	8.95	15.20	67.63	9.67			
60	14.00	62.27	9.72	14.00	62.27	9.72	14.00	62.27	10.50			
80	12.80	56.93	10.63	12.80	56.93	10.63	12.79	56.91	11.49			
100	11.60	51.58	11.74	11.60	51.58	11.74	11.59	51.55	12.69			
120	10.40	46.24	13.09	10.40	46.24	13.09	10.38	46.19	14.16			
140	9.19	40.90	14.80	9.19	40.90	14.80	9.18	40.83	16.02			

\*\* TANGENT INTERCEPT & TENSIONS AT + 10.0 % OF DESIGN MAXIMUM ALLOWABLE \*\*

TEMP.	GUY TENSION			TAN. INT.	GUY TENSION			TAN. INT.	GUY TENSION			TAN. INT.
	(KIPS)	(KN)	(ft)		(KIPS)	(KN)	(ft)		(KIPS)	(KN)	(ft)	
-20	20.68	92.01	6.58	20.68	92.01	6.58	20.70	92.08	7.10			
00	19.36	86.13	7.03	19.36	86.13	7.03	19.38	86.19	7.59			
20	18.04	80.25	7.54	18.04	80.25	7.54	18.05	80.29	8.14			
40	16.72	74.37	8.14	16.72	74.37	8.14	16.72	74.39	8.79			
60	15.40	68.50	8.84	15.40	68.50	8.84	15.40	68.50	9.55			
80	14.08	62.62	9.67	14.08	62.62	9.67	14.07	62.60	10.45			
100	12.76	56.74	10.67	12.76	56.74	10.67	12.75	56.70	11.53			
120	11.43	50.86	11.90	11.43	50.86	11.90	11.42	50.81	12.87			
140	10.11	44.99	13.46	10.11	44.99	13.46	10.10	44.91	14.56			



OAKVILLE, ON, CANADA  
PHONE: (905) 844 - 1242  
FAX: (905) 844 - 8837

St CHARLES, MO, USA  
PHONE: (636) 922 - 3250  
FAX: (636) 922 - 3238

N.E.T.V - KXNE-TV  
EF&I a new Structure  
NORFOLK, NE

0	2/14/03		SIP	AAS	GU	DRAWING NO.	REV
REV	DATE	DESCRIPTION	DWN	CHKD	APPD	07-NKHS-E03-01	0

### GUY TENSION CHART

STANDARD INITIAL TENSIONS ARE AT 60 F  
TOWER BASE ELEVATION = 0.000  
Dimensions are in (FEET) unless specified otherwise.

GUY DATA:	GUY HEIGHT 309.583	GUY DIAMETER (in.) 0.8750	
ANCHOR NAME	1B	2B	3B
ANCHOR AZ =	27.00	147.00	267.00
RADIUS =	390.000	390.000	403.000
ELEVATION =	-11.831	-11.831	-22.333

TEMP.	GUY TENSION			TAN. INT.	GUY TENSION			TAN. INT.	GUY TENSION			TAN. INT.
	(KIPS)	(KN)	(ft)		(KIPS)	(KN)	(ft)		(KIPS)	(KN)	(ft)	
-20	13.97	62.12	13.88	13.97	62.12	13.88	14.04	62.47	14.76			
00	13.12	58.35	14.78	13.12	58.35	14.78	13.18	58.62	15.73			
20	12.27	54.59	15.80	12.27	54.59	15.80	12.31	54.77	16.84			
40	11.43	50.82	16.97	11.43	50.82	16.97	11.45	50.91	18.11			
60	10.58	47.06	18.33	10.58	47.06	18.33	10.58	47.06	19.60			
80	9.73	43.30	19.92	9.73	43.30	19.92	9.71	43.21	21.34			
100	8.89	39.53	21.82	8.89	39.53	21.82	8.85	39.35	23.43			
120	8.04	35.77	24.11	8.04	35.77	24.11	7.98	35.50	25.98			
140	7.19	32.00	26.95	7.19	32.00	26.95	7.11	31.65	29.14			

\*\* TANGENT INTERCEPT & TENSIONS AT + 10.0 % OF DESIGN MAXIMUM ALLOWABLE \*\*

TEMP.	GUY TENSION			TAN. INT.	GUY TENSION			TAN. INT.	GUY TENSION			TAN. INT.
	(KIPS)	(KN)	(ft)		(KIPS)	(KN)	(ft)		(KIPS)	(KN)	(ft)	
-20	15.36	68.33	12.62	15.36	68.33	12.62	15.45	68.72	13.42			
00	14.43	64.19	13.44	14.43	64.19	13.44	14.50	64.48	14.30			
20	13.50	60.05	14.36	13.50	60.05	14.36	13.54	60.24	15.31			
40	12.57	55.91	15.43	12.57	55.91	15.43	12.59	56.00	16.47			
60	11.64	51.77	16.66	11.64	51.77	16.66	11.64	51.77	17.81			
80	10.71	47.62	18.11	10.71	47.62	18.11	10.68	47.53	19.40			
100	9.78	43.48	19.83	9.78	43.48	19.83	9.73	43.29	21.30			
120	8.84	39.34	21.92	8.84	39.34	21.92	8.78	39.05	23.61			
140	7.91	35.20	24.50	7.91	35.20	24.50	7.83	34.81	26.49			



OAKVILLE, ON, CANADA  
PHONE: (905) 844 - 1242  
FAX: (905) 844 - 8837

St CHARLES, MO, USA  
PHONE: (636) 922 - 3250  
FAX: (636) 922 - 3238

N.E.T.V - KXNE-TV  
EF&I a new Structure  
NORFOLK, NE

0	2/14/03		SIP	AAS	EV	DRAWING NO.	REV
REV	DATE	DESCRIPTION	DWN	CHKD	APPD	07-NKHS-E03-02	0



### GUY TENSION CHART

STANDARD INITIAL TENSIONS ARE AT 60 F  
TOWER BASE ELEVATION = 0.000  
Dimensions are in (FEET) unless specified otherwise.

GUY DATA: GUY HEIGHT 458.556 GUY DIAMETER (in.) 1.0000

ANCHOR NAME	1B	2B	3B
ANCHOR AZ =	27.00	147.00	267.00
RADIUS =	390.000	390.000	403.000
ELEVATION =	-11.831	-11.831	-22.333

TEMP.	GUY TENSION			TAN. INT.	GUY TENSION			TAN. INT.	GUY TENSION			TAN. INT.
	(KIPS)	(KN)	(ft)		(KIPS)	(KN)	(ft)		(KIPS)	(KN)	(ft)	
-20	17.01	75.66	21.99	17.01	75.66	21.99	17.15	76.29	23.02			
00	16.26	72.34	23.00	16.26	72.34	23.00	16.37	72.81	24.12			
20	15.51	69.01	24.11	15.51	69.01	24.11	15.59	69.33	25.34			
40	14.77	65.69	25.33	14.77	65.69	25.33	14.80	65.84	26.68			
60	14.02	62.36	26.68	14.02	62.36	26.68	14.02	62.36	28.17			
80	13.27	59.03	28.19	13.27	59.03	28.19	13.24	58.88	29.83			
100	12.52	55.71	29.87	12.52	55.71	29.87	12.45	55.39	31.71			
120	11.78	52.38	31.76	11.78	52.38	31.76	11.67	51.91	33.83			
140	11.03	49.06	33.92	11.03	49.06	33.92	10.89	48.43	36.27			

\*\* TANGENT INTERCEPT & TENSIONS AT + 10.0 % OF DESIGN MAXIMUM ALLOWABLE \*\*

TEMP.	GUY TENSION			TAN. INT.	GUY TENSION			TAN. INT.	GUY TENSION			TAN. INT.
	(KIPS)	(KN)	(ft)		(KIPS)	(KN)	(ft)		(KIPS)	(KN)	(ft)	
-20	18.71	83.23	19.99	18.71	83.23	19.99	18.87	83.92	20.93			
00	17.89	79.57	20.91	17.89	79.57	20.91	18.00	80.09	21.93			
20	17.07	75.91	21.92	17.07	75.91	21.92	17.14	76.26	23.03			
40	16.24	72.25	23.03	16.24	72.25	23.03	16.28	72.43	24.25			
60	15.42	68.60	24.26	15.42	68.60	24.26	15.42	68.60	25.61			
80	14.60	64.94	25.62	14.60	64.94	25.62	14.56	64.76	27.12			
100	13.78	61.28	27.15	13.78	61.28	27.15	13.70	60.93	28.82			
120	12.95	57.62	28.88	12.95	57.62	28.88	12.84	57.10	30.76			
140	12.13	53.96	30.84	12.13	53.96	30.84	11.98	53.27	32.97			



OAKVILLE, ON, CANADA  
PHONE: (905) 844 - 1242  
FAX: (905) 844 - 8837

St CHARLES, MO, USA  
PHONE: (636) 922 - 3250  
FAX: (636) 922 - 3238

N.E.T.V - KXNE-TV  
EF&I a new Structure  
NORFOLK, NE

REV	DATE	DESCRIPTION	DWN	CHKD	APPD	DRAWING NO.	REV
0	2/14/03		SIP	AAS	GU	07-NKHS-E03-03	0

**GUY TENSION CHART**

STANDARD INITIAL TENSIONS ARE AT 60 F  
TOWER BASE ELEVATION = 0.000  
Dimensions are in (FEET) unless specified otherwise.

GUY DATA:			GUY HEIGHT 617.700			GUY DIAMETER (in.) 1.0000			
ANCHOR NAME	1A		2A		3A				
ANCHOR AZ =	27.00		147.00		267.00				
RADIUS =	664.000		680.000		690.000				
ELEVATION =	-16.749		-30.499		-41.998				
TEMP.	GUY TENSION		TAN. INT.	GUY TENSION		TAN. INT.	GUY TENSION		TAN. INT.
	(KIPS)	(KN)	(ft)	(KIPS)	(KN)	(ft)	(KIPS)	(KN)	(ft)
-20	16.92	75.24	50.68	17.00	75.63	52.80	17.05	75.86	54.38
00	15.94	70.89	53.79	16.00	71.18	56.10	16.04	71.35	57.81
20	14.96	66.54	57.31	15.00	66.73	59.84	15.03	66.84	61.71
40	13.98	62.18	61.32	14.00	62.28	64.11	14.01	62.34	66.17
60	13.00	57.83	65.93	13.00	57.83	69.04	13.00	57.83	71.33
80	12.02	53.48	71.30	12.00	53.38	74.80	11.99	53.32	77.36
100	11.04	49.12	77.62	11.00	48.93	81.60	10.97	48.82	84.50
120	10.06	44.77	85.17	10.00	44.48	89.76	9.96	44.31	93.09
140	9.09	40.42	94.34	9.00	40.03	99.74	8.95	39.80	103.63

\*\* TANGENT INTERCEPT & TENSIONS AT + 10.0 % OF DESIGN MAXIMUM ALLOWABLE \*\*

TEMP.	GUY TENSION		TAN. INT.	GUY TENSION		TAN. INT.	GUY TENSION		TAN. INT.
	(KIPS)	(KN)	(ft)	(KIPS)	(KN)	(ft)	(KIPS)	(KN)	(ft)
-20	18.61	82.77	46.07	18.70	83.19	48.00	18.76	83.44	49.43
00	17.53	77.98	48.90	17.60	78.30	51.00	17.64	78.49	52.56
20	16.45	73.19	52.10	16.50	73.40	54.40	16.53	73.53	56.10
40	15.38	68.40	55.74	15.40	68.51	58.28	15.42	68.57	60.16
60	14.30	63.61	59.94	14.30	63.61	62.77	14.30	63.61	64.84
80	13.22	58.82	64.82	13.20	58.72	68.00	13.19	58.66	70.32
100	12.15	54.04	70.56	12.10	53.82	74.18	12.07	53.70	76.82
120	11.07	49.25	77.42	11.00	48.93	81.60	10.96	48.74	84.63
140	10.00	44.46	85.76	9.90	44.04	90.67	9.84	43.78	94.21



OAKVILLE, ON, CANADA  
PHONE: (905) 844 - 1242  
FAX: (905) 844 - 8837

St CHARLES, MO, USA  
PHONE: (636) 922 - 3250  
FAX: (636) 922 - 3238

						N.E.T.V - KXNE-TV	
						EF&I a new Structure	
						NORFOLK, NE	
0	2/14/03		SIP	AAS	GU	DRAWING NO.	REV
REV	DATE	DESCRIPTION	DWN	CHKD	APPD	07-NKHS-E03-04	0

**GUY TENSION CHART**

STANDARD INITIAL TENSIONS ARE AT 60 F  
TOWER BASE ELEVATION = 0.000  
Dimensions are in (FEET) unless specified otherwise.

GUY DATA:		GUY HEIGHT		GUY DIAMETER (in.)					
		786.476		1.2500					
ANCHOR NAME	1A	2A		3A					
ANCHOR AZ =	27.00	147.00		267.00					
RADIUS =	664.000	680.000		690.000					
ELEVATION =	-16.749	-30.499		-41.998					
TEMP.	GUY TENSION		TAN. INT.	GUY TENSION		TAN. INT.	GUY TENSION		TAN. INT.
	(KIPS)	(KN)	(ft)	(KIPS)	(KN)	(ft)	(KIPS)	(KN)	(ft)
-20	25.74	114.48	67.26	25.89	115.18	69.58	25.99	115.63	71.34
00	24.55	109.21	70.50	24.67	109.74	73.03	24.75	110.07	74.94
20	23.37	103.94	74.07	23.45	104.30	76.84	23.50	104.52	78.92
40	22.18	98.68	78.03	22.22	98.85	81.07	22.25	98.96	83.35
60	21.00	93.41	82.43	21.00	93.41	85.79	21.00	93.41	88.30
80	19.82	88.14	87.35	19.78	87.97	91.10	19.75	87.86	93.89
100	18.63	82.88	92.90	18.55	82.52	97.11	18.50	82.30	100.23
120	17.45	77.61	99.21	17.33	77.08	103.97	17.25	76.75	107.48
140	16.26	72.34	106.43	16.10	71.64	111.87	16.00	71.19	115.87

\*\* TANGENT INTERCEPT & TENSIONS AT + 10.0 % OF DESIGN MAXIMUM ALLOWABLE \*\*

TEMP.	GUY TENSION		TAN. INT.	GUY TENSION		TAN. INT.	GUY TENSION		TAN. INT.
	(KIPS)	(KN)	(ft)	(KIPS)	(KN)	(ft)	(KIPS)	(KN)	(ft)
-20	28.31	125.93	61.14	28.48	126.70	63.25	28.59	127.19	64.85
00	27.01	120.13	64.09	27.14	120.71	66.39	27.22	121.08	68.12
20	25.70	114.34	67.34	25.79	114.73	69.85	25.85	114.97	71.74
40	24.40	108.55	70.93	24.45	108.74	73.70	24.47	108.86	75.77
60	23.10	102.75	74.93	23.10	102.75	77.99	23.10	102.75	80.28
80	21.80	96.96	79.41	21.75	96.76	82.82	21.73	96.64	85.35
100	20.49	91.16	84.46	20.41	90.78	88.28	20.35	90.53	91.11
120	19.19	85.37	90.19	19.06	84.79	94.52	18.98	84.42	97.71
140	17.89	79.58	96.76	17.71	78.80	101.70	17.60	78.31	105.33



OAKVILLE, ON, CANADA  
PHONE: (905) 844 - 1242  
FAX: (905) 844 - 8837

St CHARLES, MO, USA  
PHONE: (636) 922 - 3250  
FAX: (636) 922 - 3238

					N.E.T.V - KXNE-TV		
					EF&I a new Structure		
					NORFOLK, NE		
0	2/14/03		SIP	AAS	GU	DRAWING NO.	REV
REV	DATE	DESCRIPTION	DWN	CHKD	APPD	07-NKHS-E03-05	0



### GUY TENSION CHART

STANDARD INITIAL TENSIONS ARE AT 60 F  
TOWER BASE ELEVATION = 0.000  
Dimensions are in (FEET) unless specified otherwise.

GUY DATA:                    GUY HEIGHT                    GUY DIAMETER (in.)  
   936.591                                    1.0625

ANCHOR NAME	1A	2A	3A
ANCHOR AZ =	27.00	147.00	267.00
RADIUS =	664.000	680.000	690.000
ELEVATION =	-16.749	-30.499	-41.998

TEMP.	GUY TENSION			GUY TENSION			GUY TENSION		
	(KIPS)	(KN)	TAN. INT. (ft)	(KIPS)	(KN)	TAN. INT. (ft)	(KIPS)	(KN)	TAN. INT. (ft)
-20	15.75	70.05	99.07	15.87	70.58	101.86	15.94	70.92	104.01
00	15.06	67.00	103.58	15.15	67.39	106.68	15.21	67.65	109.05
20	14.37	63.94	108.53	14.43	64.20	111.97	14.47	64.38	114.59
40	13.69	60.89	113.98	13.72	61.02	117.82	13.74	61.10	120.73
60	13.00	57.83	120.01	13.00	57.83	124.31	13.00	57.83	127.56
80	12.31	54.77	126.70	12.28	54.64	131.57	12.26	54.56	135.21
100	11.63	51.72	134.19	11.57	51.46	139.71	11.53	51.28	143.84
120	10.94	48.66	142.62	10.85	48.27	148.94	10.79	48.01	153.65
140	10.25	45.61	152.17	10.13	45.08	159.47	10.06	44.74	164.89

**\*\* TANGENT INTERCEPT & TENSIONS AT + 10.0 % OF DESIGN MAXIMUM ALLOWABLE \*\***

TEMP.	GUY TENSION			GUY TENSION			GUY TENSION		
	(KIPS)	(KN)	TAN. INT. (ft)	(KIPS)	(KN)	TAN. INT. (ft)	(KIPS)	(KN)	TAN. INT. (ft)
-20	17.32	77.06	90.06	17.45	77.64	92.60	17.54	78.01	94.56
00	16.57	73.70	94.17	16.67	74.13	96.98	16.73	74.41	99.13
20	15.81	70.34	98.67	15.88	70.62	101.79	15.92	70.81	104.17
40	15.06	66.97	103.62	15.09	67.12	107.11	15.11	67.21	109.75
60	14.30	63.61	109.10	14.30	63.61	113.01	14.30	63.61	115.96
80	13.55	60.25	115.18	13.51	60.11	119.61	13.49	60.01	122.92
100	12.79	56.89	121.99	12.72	56.60	127.01	12.68	56.41	130.77
120	12.03	53.53	129.65	11.94	53.10	135.40	11.87	52.81	139.68
140	11.28	50.17	138.34	11.15	49.59	144.97	11.06	49.21	149.90

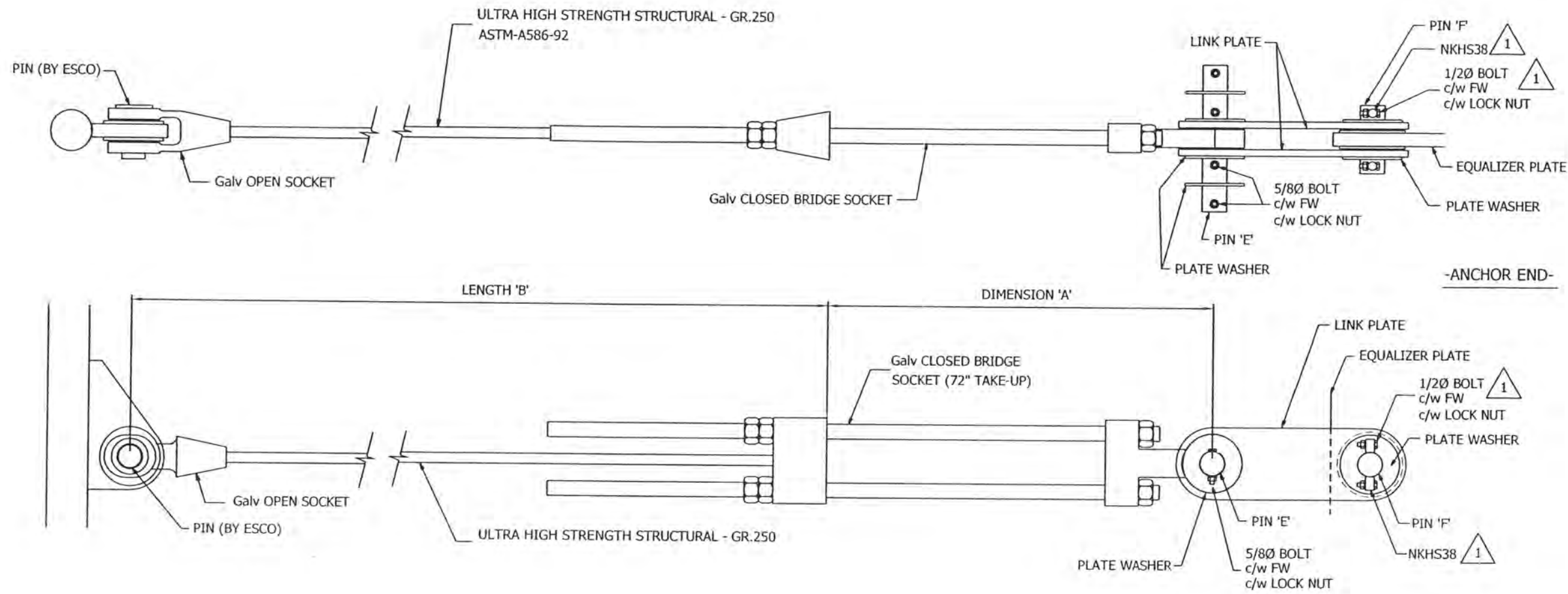


OAKVILLE, ON, CANADA  
PHONE: (905) 844 - 1242  
FAX: (905) 844 - 8837

St CHARLES, MO, USA  
PHONE: (636) 922 - 3250  
FAX: (636) 922 - 3238

						N.E.T.V - KXNE-TV	
						EF&I a new Structure	
						NORFOLK, NE	
0	2/14/03		SIP	AAS	EV	DRAWING NO.	REV
REV	DATE	DESCRIPTION	DWN	CHKD	APPD	07-NKHS-E03-06	0

FILE NO.	0170123			
REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
1	ADDED END PINS #NKHS38 TO PIN 'F'	SIP	AAS	E.V.
DATE: Mar/25/2003				



DWG REFERENCE	

GUY ELEV.	GUY Az.	GUY SIZE	LENGTH 'B'	QTY.	TAG No. (B.S.)	TAKE-UP	DIMENSION 'A'	LINK PLATE	PIN 'E'		PIN 'F'		PLATE WASHER	5/8 BOLT FOR PIN 'E' LENGTH	END PINS MATERIAL FOR MODIFIED PIN 'F'
									DIA.	MARK NO.	DIA.	MARK NO.			
160'-10 5/16"	27.0°	7/8"Ø	411'-4 1/8"	1	NKHS1001B1	72"	4'-2 5/16"	GY33A	2"	GY38A	2"	GY39A	GY40A	3 1/4"	NKHS38, 1/2Ø x 2" A325 + LOCK NUTS + FW
	147.0°	7/8"Ø	411'-4 1/8"	1	NKHS1002B1	72"	4'-2 5/16"	GY33A	2"	GY38A	2"	GY39A	GY40A	3 1/4"	
	267.0°	7/8"Ø	427'-6 1/4"	1	NKHS1003B1	72"	4'-2 5/16"	GY33A	2"	GY38A	2"	GY39A	GY40A	3 1/4"	
309'-11 11/16"	27.0°	7/8"Ø	490'-11 15/16"	1	NKHS1001B2	72"	4'-2 5/16"	GY33A	2"	GY38A	2"	GY39A	GY40A	3 1/4"	NKHS38, 1/2Ø x 2" A325 + LOCK NUTS + FW
	147.0°	7/8"Ø	490'-11 15/16"	1	NKHS1002B2	72"	4'-2 5/16"	GY33A	2"	GY38A	2"	GY39A	GY40A	3 1/4"	
	267.0°	7/8"Ø	507'-8 1/2"	1	NKHS1003B2	72"	4'-2 5/16"	GY33A	2"	GY38A	2"	GY39A	GY40A	3 1/4"	
459'-1 1/16"	27.0°	1"Ø	597'-2"	1	NKHS1001B3	72"	4'-3 3/4"	GY17	2 1/4"	GY38B	2 1/4"	GY39B	GY40B	3 1/2"	NKHS38, 1/2Ø x 2" A325 + LOCK NUTS + FW
	147.0°	1"Ø	597'-2"	1	NKHS1002B3	72"	4'-3 3/4"	GY17	2 1/4"	GY38B	2 1/4"	GY39B	GY40B	3 1/2"	
	267.0°	1"Ø	613'-6 1/2"	1	NKHS1003B3	72"	4'-3 3/4"	GY17	2 1/4"	GY38B	2 1/4"	GY39B	GY40B	3 1/2"	

**RADIAN**

OAKVILLE, ON, CANADA      St CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
[www.radiancorp.com](http://www.radiancorp.com)

Copyright - Duplication, recording, disclosure and use is prohibited

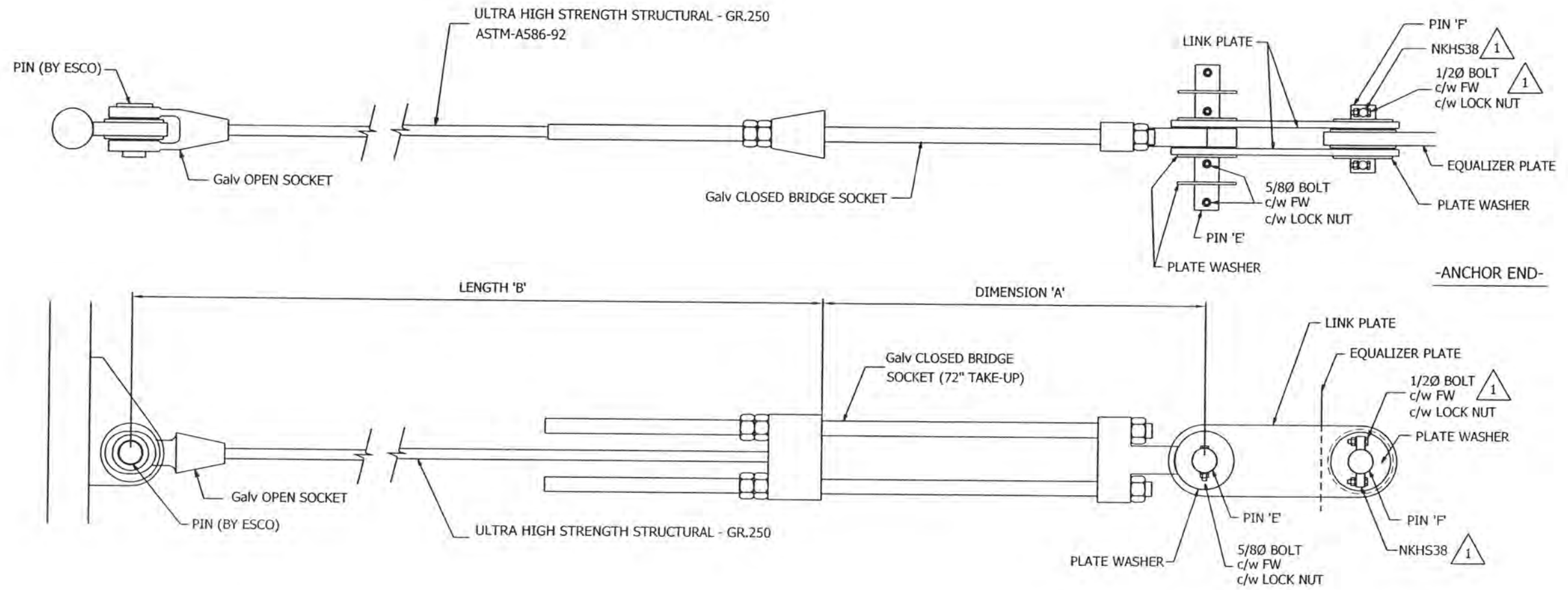
N.E.T.V - KXNE-TV  
 GUY ASSEMBLY  
 INNER ANCHOR  
 NORFOLK, NE

DWN:	CHK'D:	DATE:
SIP	AAS	Feb/18/2003
ENGR:	ENGR APP'D:	
E.V.		
DRAWING NO:	REV:	
07-NKHS-E12-01	1	

Mar/25/2003 11:51:00 AM

Erection

FILE NO.	0170123		
REVISIONS			
REV.	DESCRIPTION	DWN	CHK APP
1	ADDED END PINS #NKHS38 TO PIN 'F'	SIP	AAS EV
DATE: Mar/25/2003			



DWG REFERENCE	

GUY ELEV.	GUY Az.	GUY SIZE	LENGTH 'B'	QTY.	TAG No. (B.S.)	TAKE-UP	DIMENSION 'A'	LINK PLATE	PIN 'E'		PIN 'F'		PLATE WASHER	5/8 BOLT FOR PIN 'E' LENGTH	END PINS MATERIAL FOR MODIFIED PIN 'F'
									DIA.	MARK NO.	DIA.	MARK NO.			
618'-1 11/16"	27.0°	1"Ø	904'-3 3/8"	1	NKHS1001A4	72"	4'-3 3/4"	GY17	2 1/4"	GY38B	2 1/4"	GY39B	GY40B	3 1/2"	NKHS38, 1/2Ø x 2" A325 + LOCK NUTS + FW
	147.0°	1"Ø	925'-4 1/2"	1	NKHS1002A4	72"	4'-3 3/4"	GY17	2 1/4"	GY38B	2 1/4"	GY39B	GY40B	3 1/2"	
	267.0°	1"Ø	940'-6 7/8"	1	NKHS1003A4	72"	4'-3 3/4"	GY17	2 1/4"	GY38B	2 1/4"	GY39B	GY40B	3 1/2"	
787'-1 11/16"	27.0°	1 1/4"Ø	1028'-1 3/4"	1	NKHS1001A5	72"	4'-8"	GY18	2 3/4"	GY38D	2 3/4"	GY39D	GY40D	4"	NKHS38, 1/2Ø x 2" A325 + LOCK NUTS + FW
	147.0°	1 1/4"Ø	1048'-11 9/16"	1	NKHS1002A5	72"	4'-8"	GY18	2 3/4"	GY38D	2 3/4"	GY39D	GY40D	4"	
	267.0°	1 1/4"Ø	1064'-2 5/8"	1	NKHS1003A5	72"	4'-8"	GY18	2 3/4"	GY38D	2 3/4"	GY39D	GY40D	4"	
937'-3 1/2"	27.0°	1 1/16"Ø	1148'-5 7/8"	1	NKHS1001A6	72"	4'-5 5/8"	GY33B	2 1/2"	GY38C	2 1/2"	GY39C	GY40C	3 3/4"	NKHS38, 1/2Ø x 2" A325 + LOCK NUTS + FW
	147.0°	1 1/16"Ø	1168'-11 1/2"	1	NKHS1002A6	72"	4'-5 5/8"	GY33B	2 1/2"	GY38C	2 1/2"	GY39C	GY40C	3 3/4"	
	267.0°	1 1/16"Ø	1184'-1 3/4"	1	NKHS1003A6	72"	4'-5 5/8"	GY33B	2 1/2"	GY38C	2 1/2"	GY39C	GY40C	3 3/4"	


**RADIAN**  
 OAKVILLE, ON, CANADA    RICHARDSON, TX, USA  
 +1 866 4RADIAN    +1 866 472 3426  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 GUY ASSEMBLY  
 OUTER ANCHOR  
 NORFOLK, NE

DWN:	CHK'D:	DATE:
SIP	AAS	Feb/18/2003
ENGR:	ENGR APP'D:	
E.V		
DRAWING NO:		REV:
07-NKHS-E12-02		1

Mar/26/2003 11:53:36 AM

Erection



FILE NO.					0170123				
REVISIONS									
REV	DESCRIPTION	DWN	CHK	APP					

DWG REFERENCE	



**RADIAN**  
OAKVILLE, ON, CANADA      ST CHARLES, MD, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

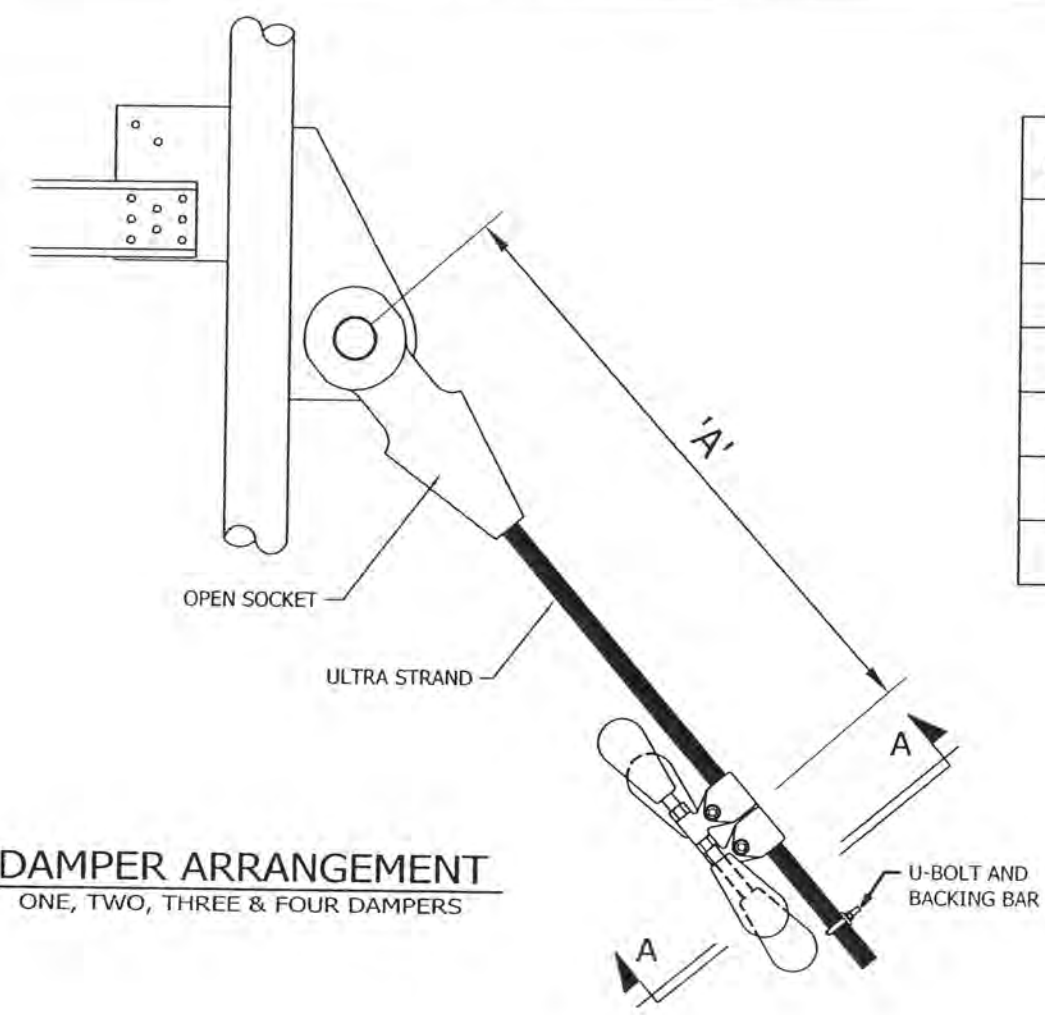
Copyright - Duplication, recording, disclosure and use is prohibited

**N.E.T.V - KXNE-TV  
 GUY DAMPENING  
 DAMPERS INSTALLATIONS  
 NORFOLK, NE**

DWN:	BBB	CHK'D:	JUF	DATE:	Feb/18/2003
ENGR:		ENGR APP'D:			

DRAWING NO:	07-NKHS-E102-01	REV:	0
-------------	-----------------	------	---

GUY LEVEL	GUY SIZE	ALCOA DAMPER	QTY PER GUY	DIM. 'A' (INCHES)	U-BOLT	BACKING BAR
1	7/8Ø	2205	1	42	110248	5351
2	7/8Ø	2205	1	37	110248	5351
3	1Ø	2207	1	43	110248	5351
4	1Ø	2207	2	41	110248	5351
5	1 1/4Ø	2210	2	51	110248	5351
6	1 1/16Ø	2208	2	40	110248	5351

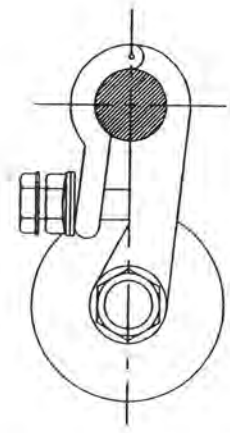


**DAMPER ARRANGEMENT**  
 ONE, TWO, THREE & FOUR DAMPERS

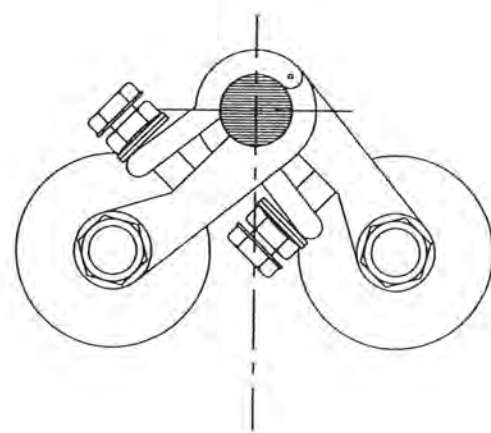
**CAUTION:**  
 PEOPLE SHOULD AVOID WALKING UNDER DAMPERS DURING GUY GALLOPING OR SEVERE STORMS BECAUSE OF THE POSSIBILITY OF A DAMPER WEIGHT COMING LOOSE AND FALLING TO THE GROUND.

**NOTES :**

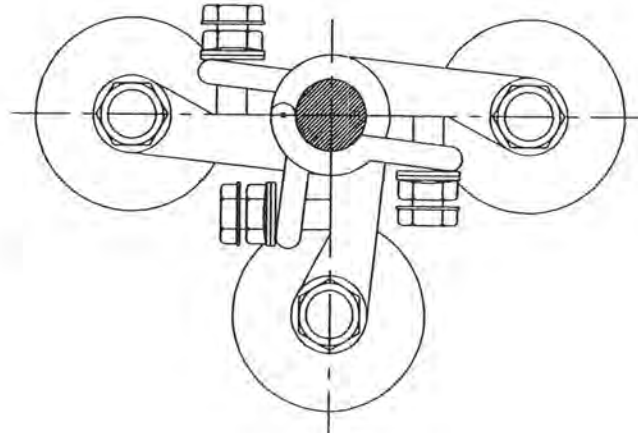
1. IF MORE THAN ONE DAMPER IS REQUIRED, THE DAMPER CLAMPS ARE TO BE BUTTED TOGETHER.
2. FOR OPTIMUM PERFORMANCE, THE DAMPERS SHOULD BE INSTALLED AT THE TOP OF THE GUY AT THE 'A' SPACING. THIS IS THE DISTANCE FROM THE DAMPER TO THE PIN LOCATION ON THE OPEN STRAND SOCKET.



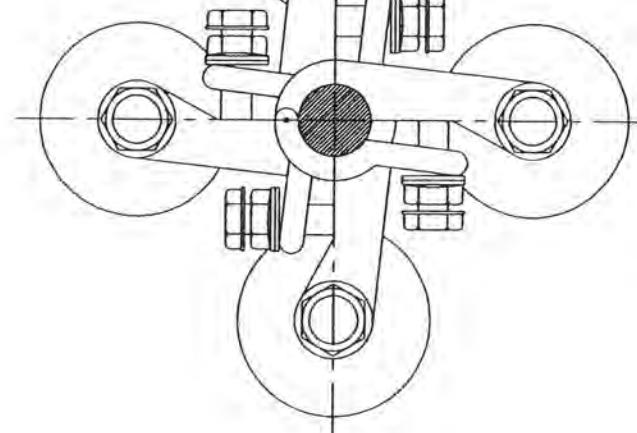
**SECTION A-A**  
 SINGLE DAMPER



**SECTION A-A**  
 CLUSTER OF TWO



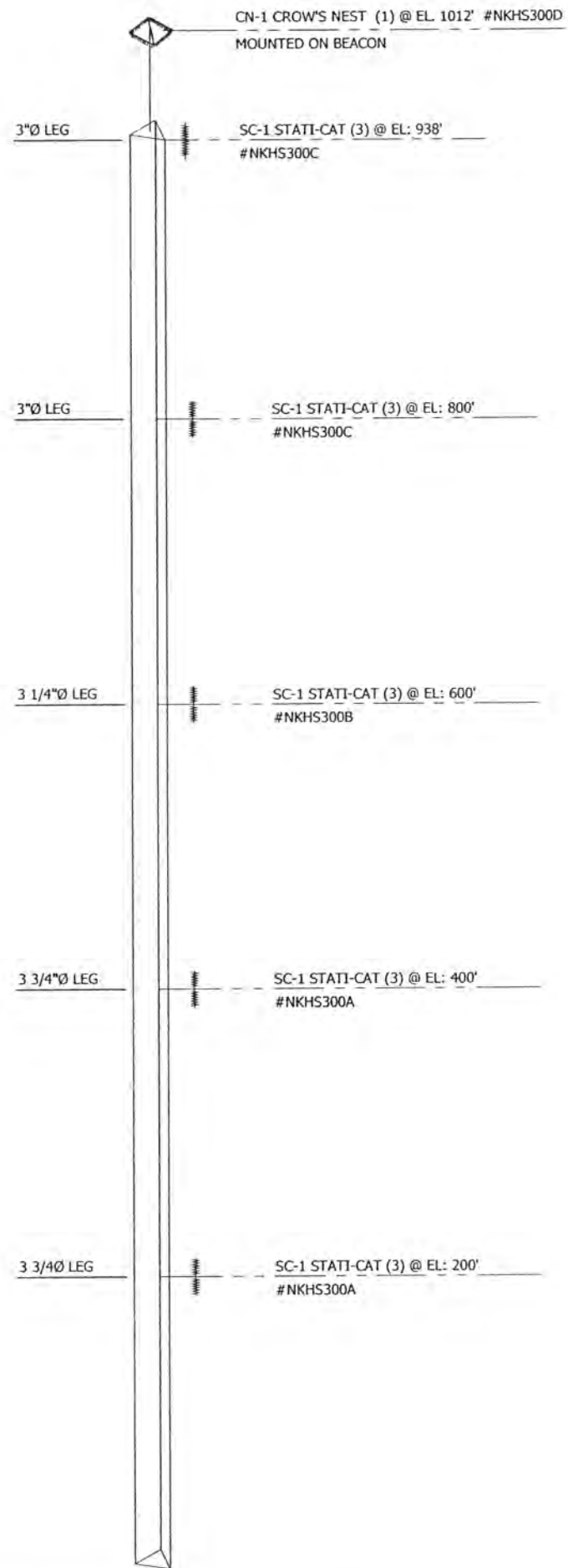
**SECTION A-A**  
 CLUSTER OF THREE



**SECTION A-A**  
 CLUSTER OF FOUR

Feb/18/2003 9:31:03 AM

Erection



**NOTE:**  
 SEE CORTANA ASSEMBLY  
 AND INSTALLATION DRAWINGS  
 SUPPLIED WITH PRODUCT

FILE NO. 0170123

REVISIONS				
REV	DESCRIPTION	DWN	CHK	APP

DWG REFERENCE



OAKVILLE, ON, CANADA      ST CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 GROUNDING  
 LIGHTNING DISSIPATOR LOCATION  
 NORFOLK, NE

DWN: BBB      CHK'D: *[Signature]*      DATE: Feb/18/2003

ENGR: *[Signature]*      ENGR APP'D:

DRAWING NO: 07-NKHS-E300-01      REV: 0

Feb/18/2003 9:32:48 AM

Erection

REV.	DESCRIPTION	DWN	CHK	APP

DWG REFERENCE



  
**RADIAN**
  
 OAKVILLE, ON, CANADA    RICHARDSON, TX, USA
   
 +1 866 4RADIAN    +1 866 472 3426
   
 www.radiancorp.com

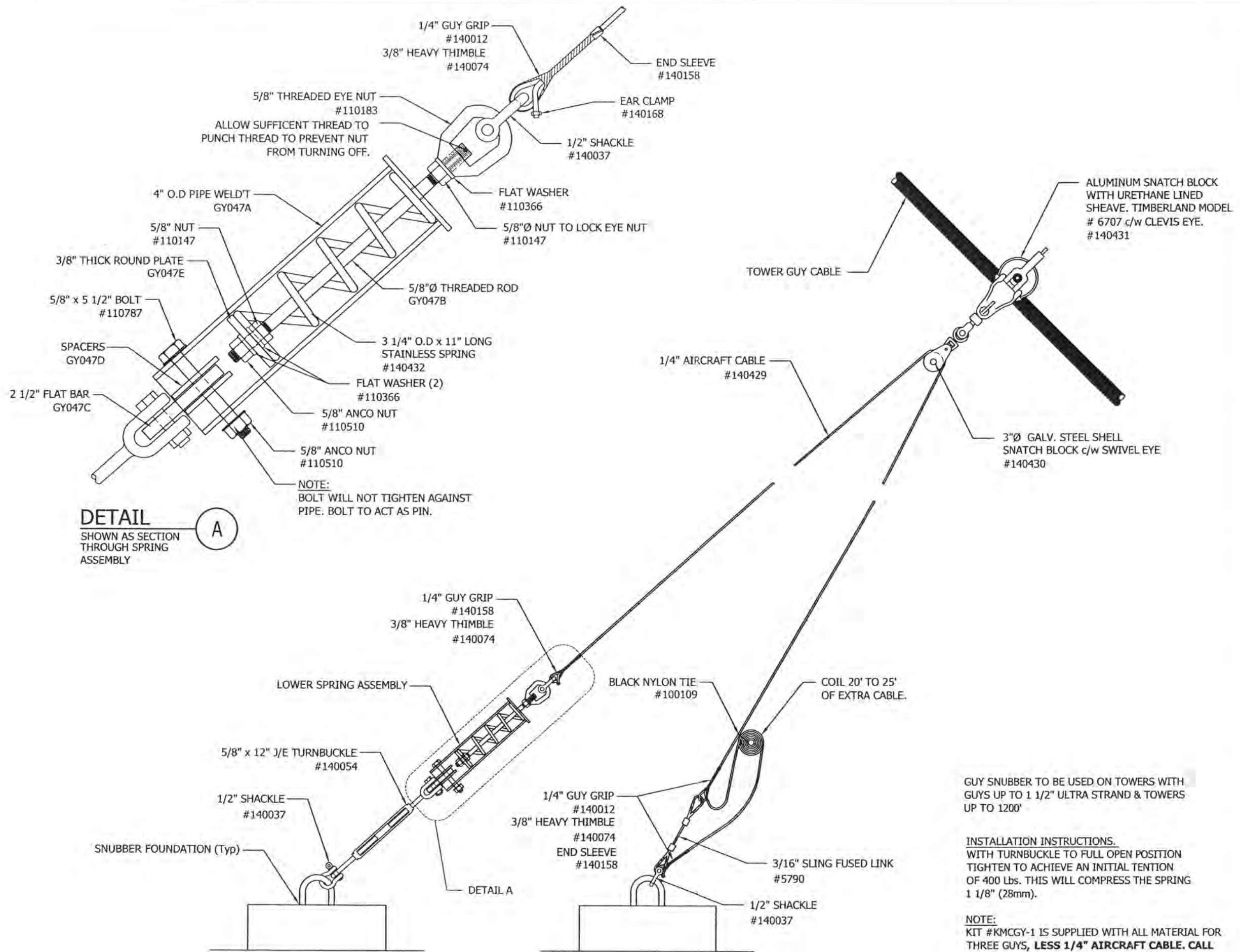
Copyright - Duplication, recording, disclosure and use is prohibited

**GUY  
SNUBBER ASSEMBLY**

DWN:	CHK'D:	DATE:
JTB	D.A	May/29/2002

ENG'R:	ENG'R APP'D:
E.V	

DRAWING NO:	REV:
GY047-E01	0



**DETAIL A**  
SHOWN AS SECTION THROUGH SPRING ASSEMBLY

GUY SNUBBER TO BE USED ON TOWERS WITH GUYS UP TO 1 1/2" ULTRA STRAND & TOWERS UP TO 1200'

**INSTALLATION INSTRUCTIONS.**  
WITH TURNBUCKLE TO FULL OPEN POSITION TIGHTEN TO ACHIEVE AN INITIAL TENTION OF 400 Lbs. THIS WILL COMPRESS THE SPRING 1 1/8" (28mm).

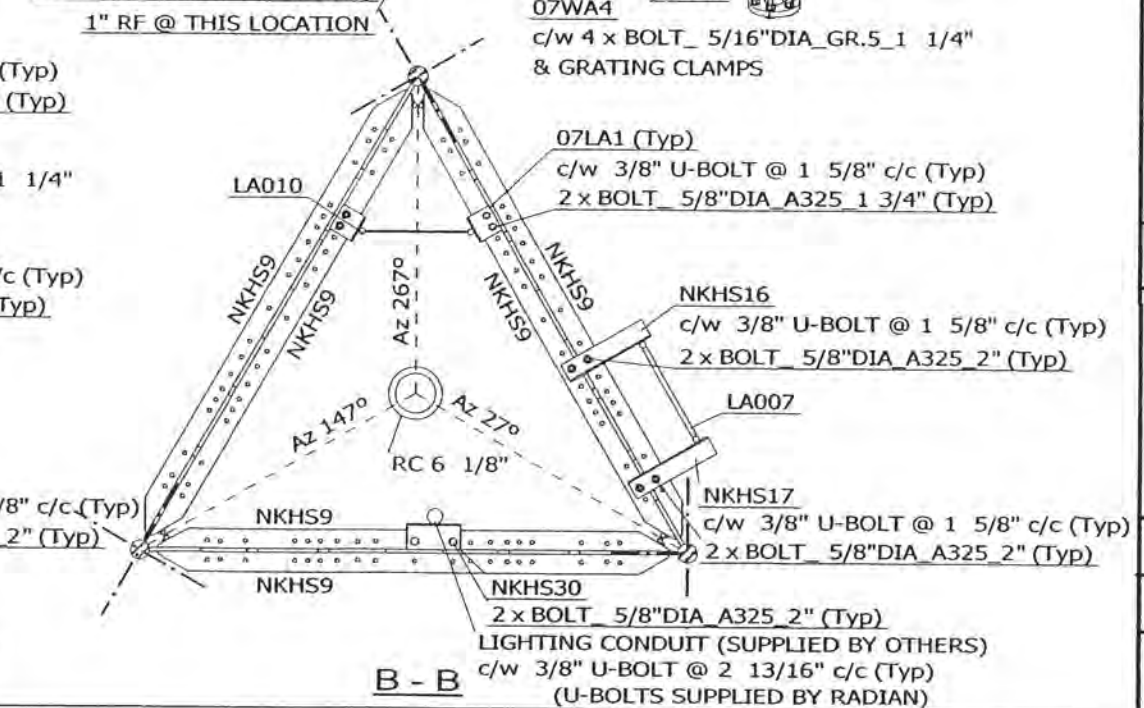
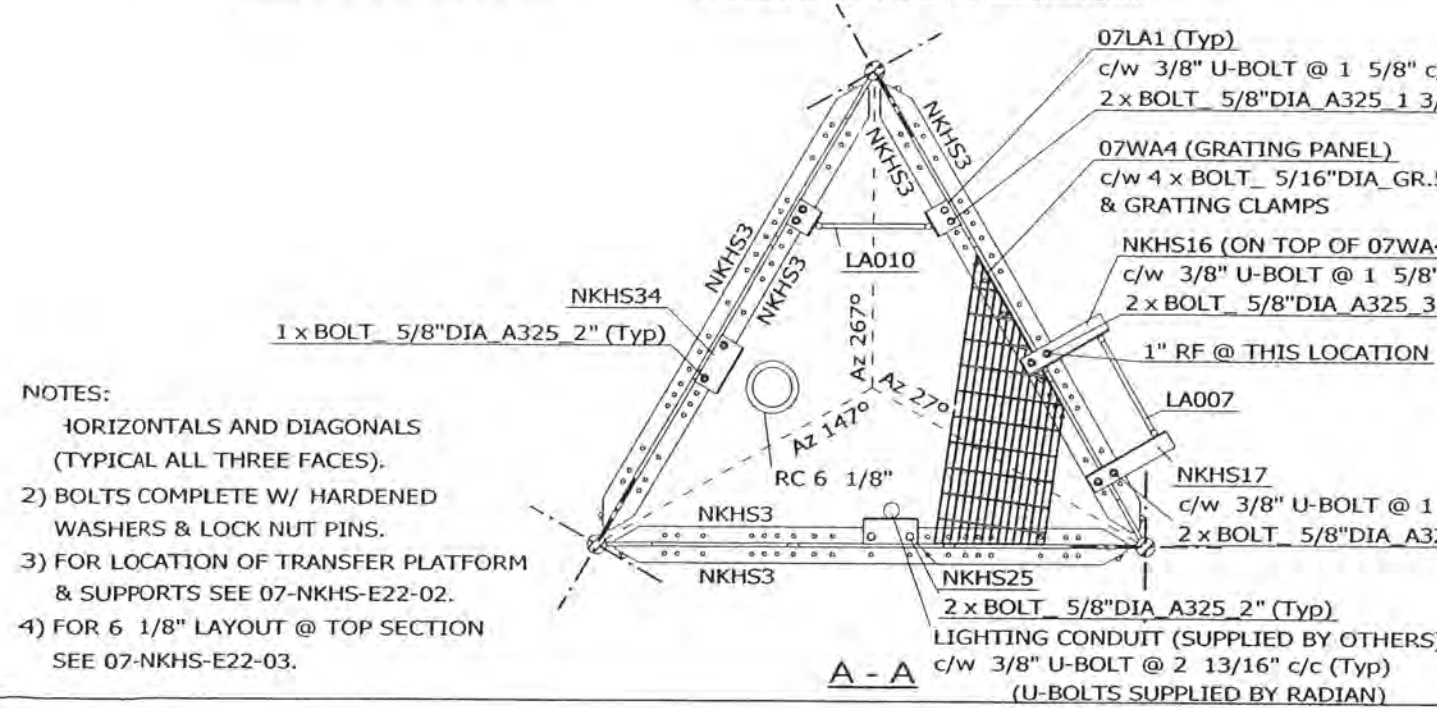
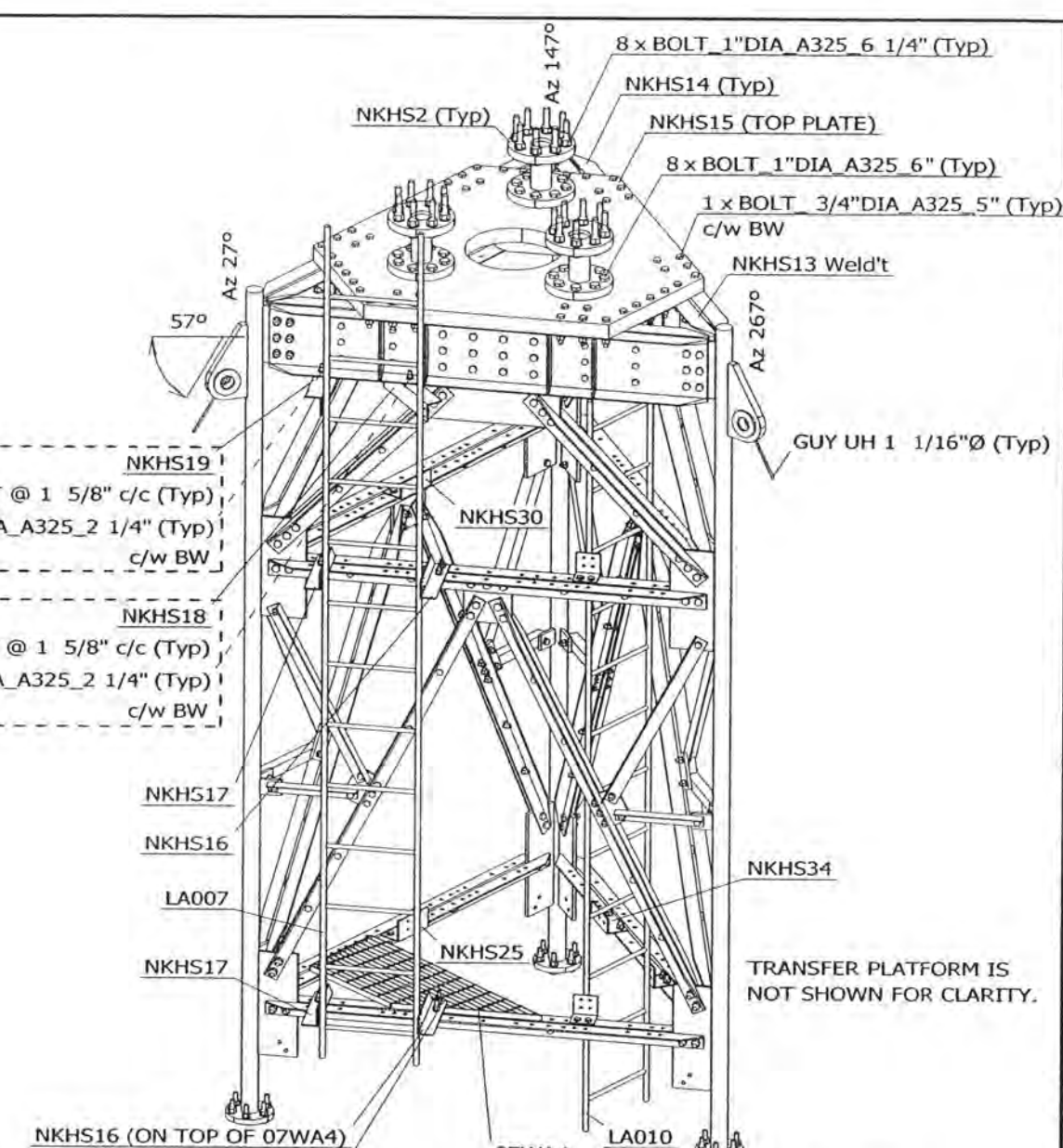
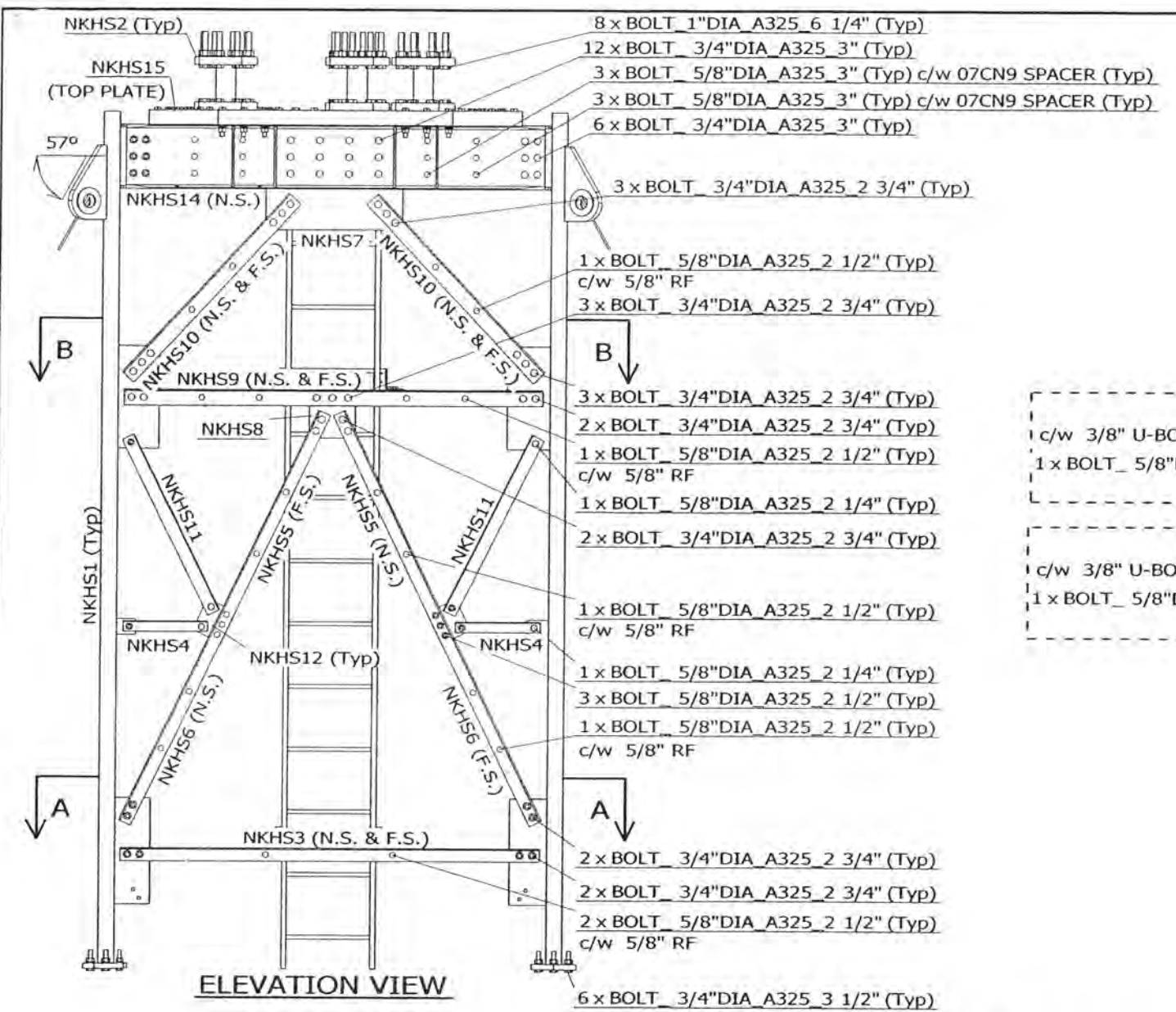
**NOTE:**  
KIT #KMGY-1 IS SUPPLIED WITH ALL MATERIAL FOR THREE GUYS, LESS 1/4" AIRCRAFT CABLE. CALL CABLE UP SEPERATELY ON MATERIAL LIST.

**NOTE:**  
FOR INSTALATION AND LOCATION OF FOUNDATIONS, SEE SITE SPECIFIC DRAWING FOR DETAILS.

3/10/02 9:36:36 AM

Erection





- NOTES:**
- 1) HORIZONTALS AND DIAGONALS (TYPICAL ALL THREE FACES).
  - 2) BOLTS COMPLETE W/ HARDENED WASHERS & LOCK NUT PINS.
  - 3) FOR LOCATION OF TRANSFER PLATFORM & SUPPORTS SEE 07-NKHS-E22-02.
  - 4) FOR 6 1/8" LAYOUT @ TOP SECTION SEE 07-NKHS-E22-03.

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SJP	AAL	EV

DWG REFERENCE	
DWG	07-NKHS-E22-02
DWG	07-NKHS-E22-03
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837 FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT07 MAST  
 TOP SECT32+TX & LIGHT SUPPORT  
 NORFOLK, NE

DWN: SJP	CHK'D: AAS	DATE: 31.03.2003
-------------	---------------	---------------------

ENG'R: EV	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07-NKHS-E22-01 REV: 0

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E22-01
DWG	07-NKHS-E22-03
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8857      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

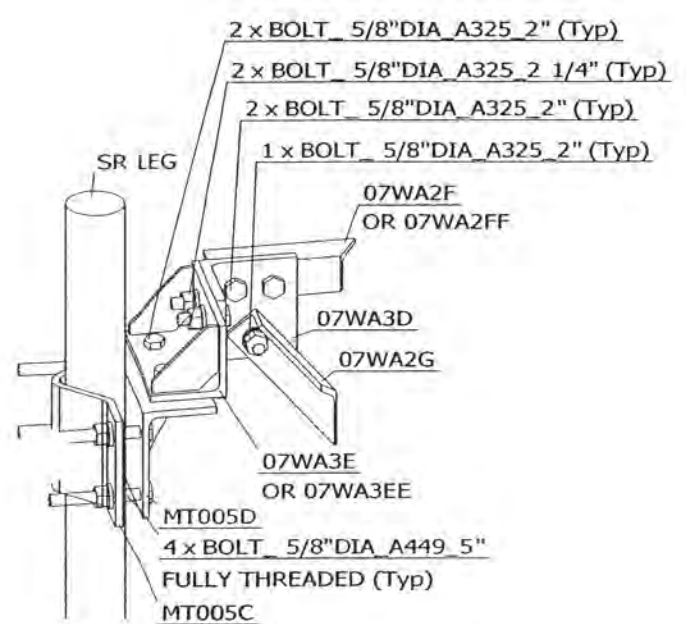
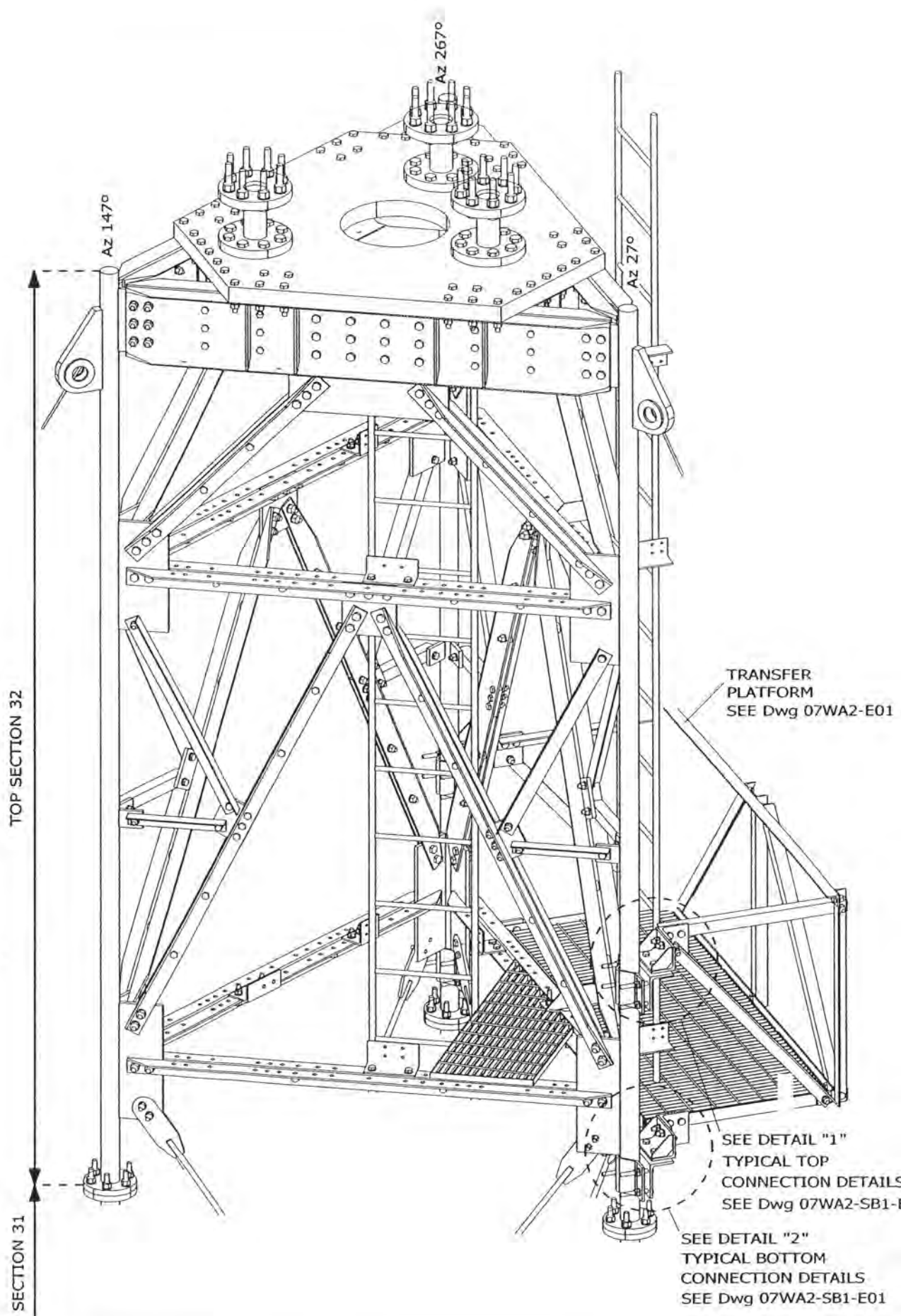
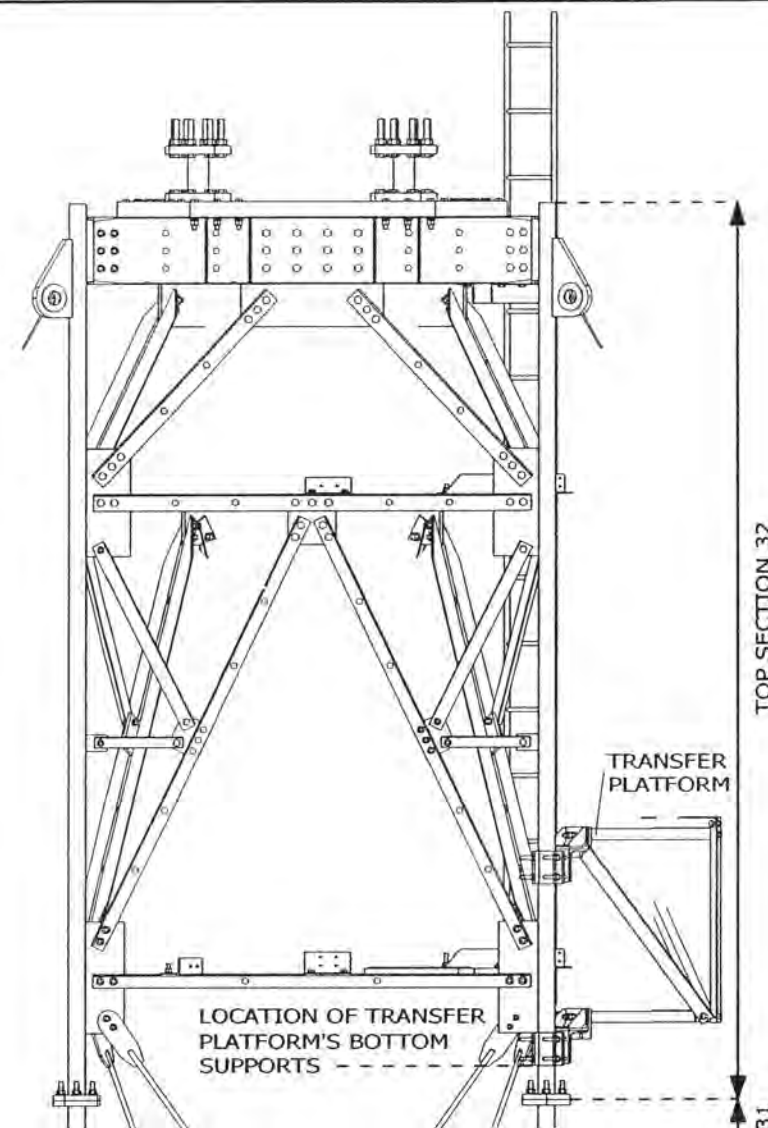
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT07 MAST  
 LOCATION OF TRANSFER PLATFORM  
 NORFOLK, NE

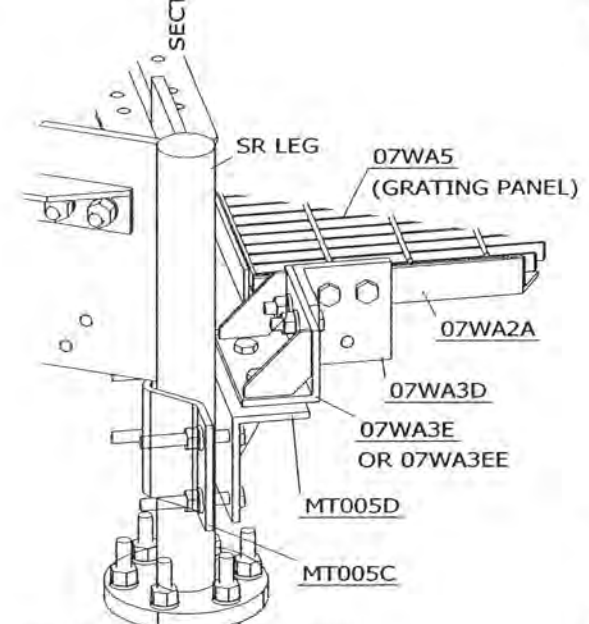
DWN:	CHK'D:	DATE:
SIP	AAS	31.03.2003

ENG'R:	ENG'R APP'D:
EV	

DRAWING NO:	REV:
07-NKHS-E22-02	0




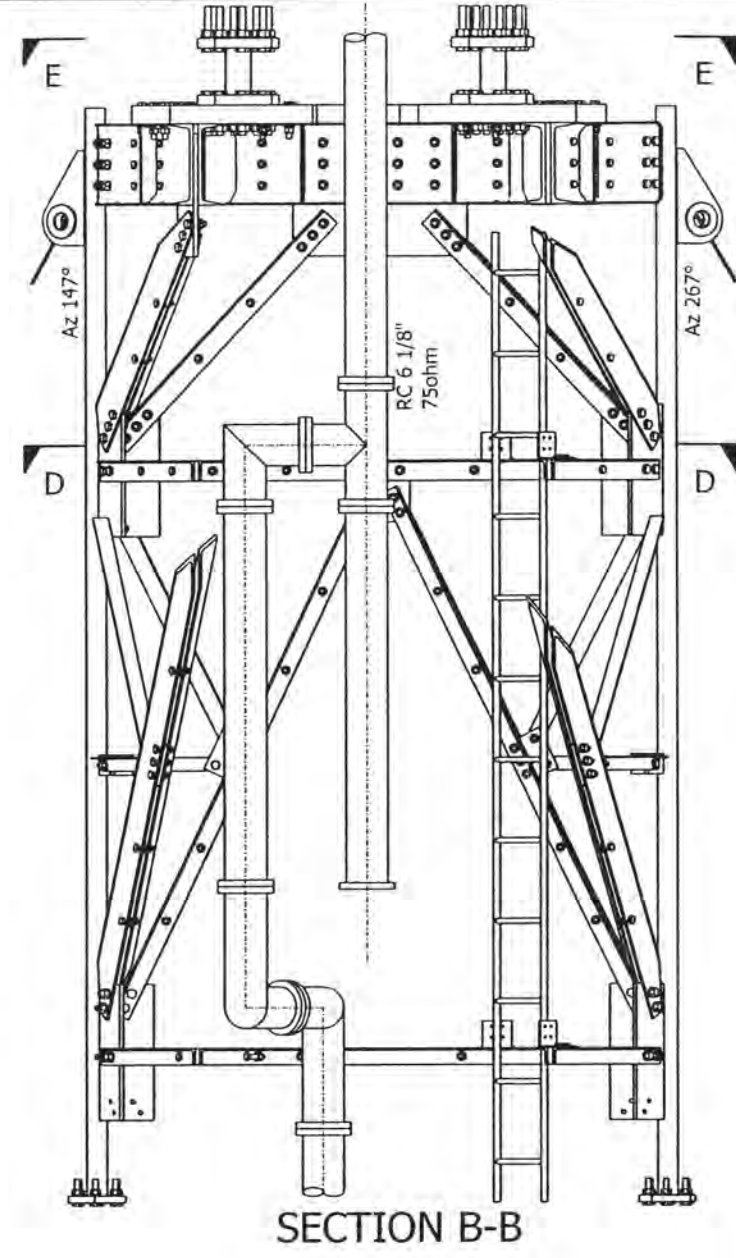
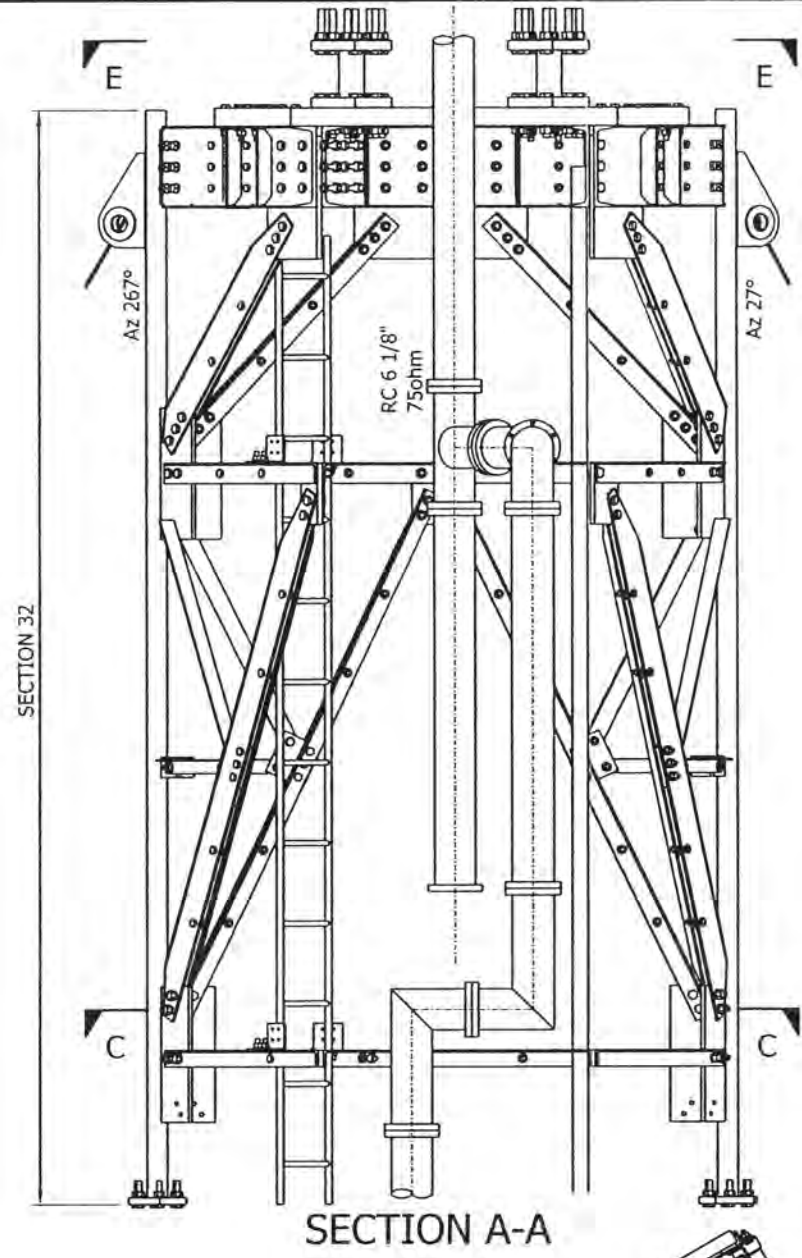
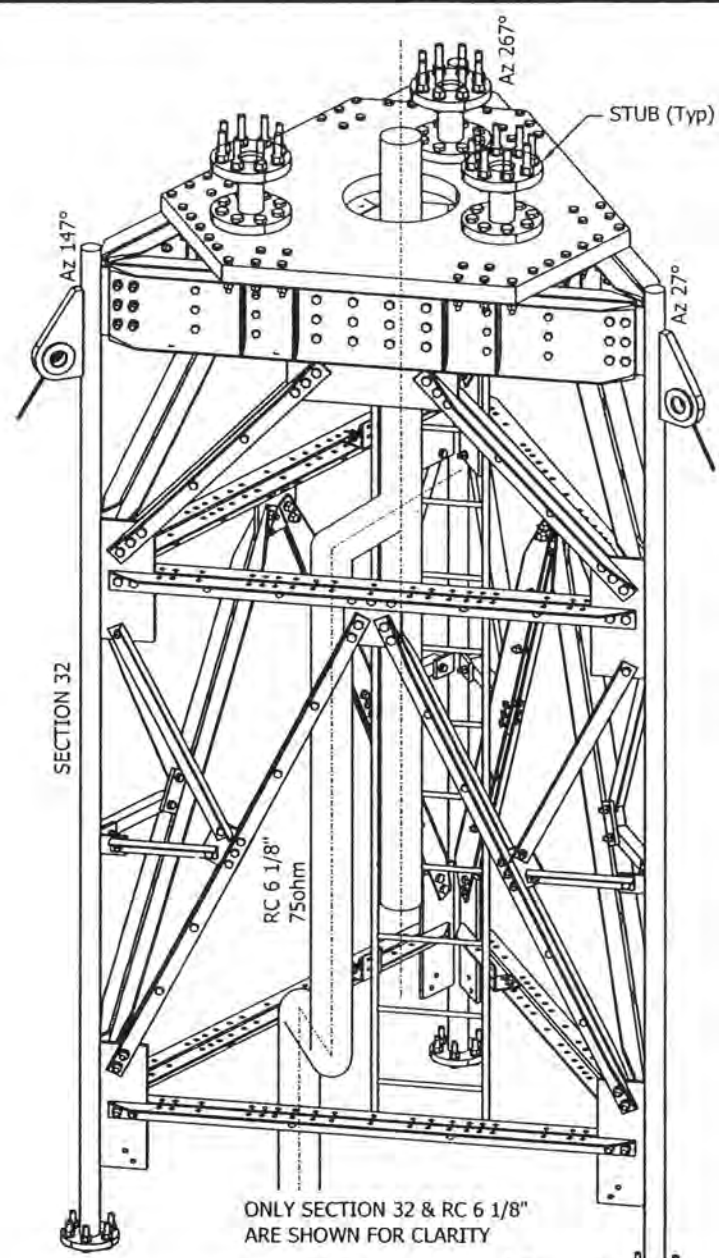
DETAIL "1" - TYPICAL TOP CONNECTION DETAILS  
 SEE Dwg 07WA2-SB1-E01



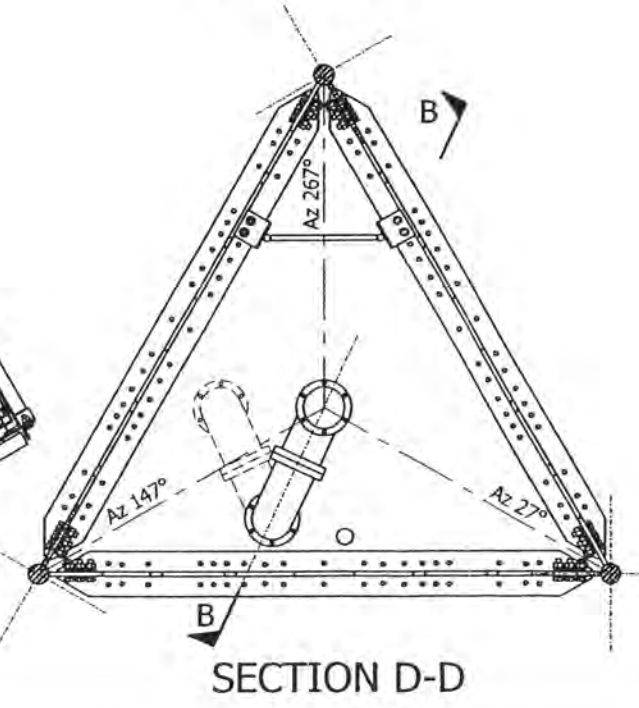
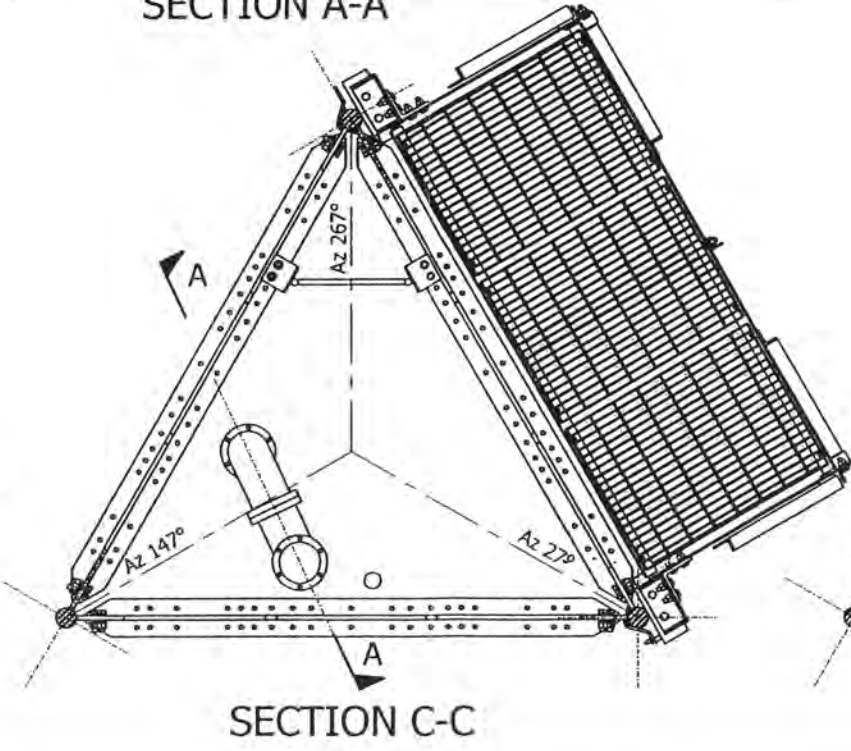
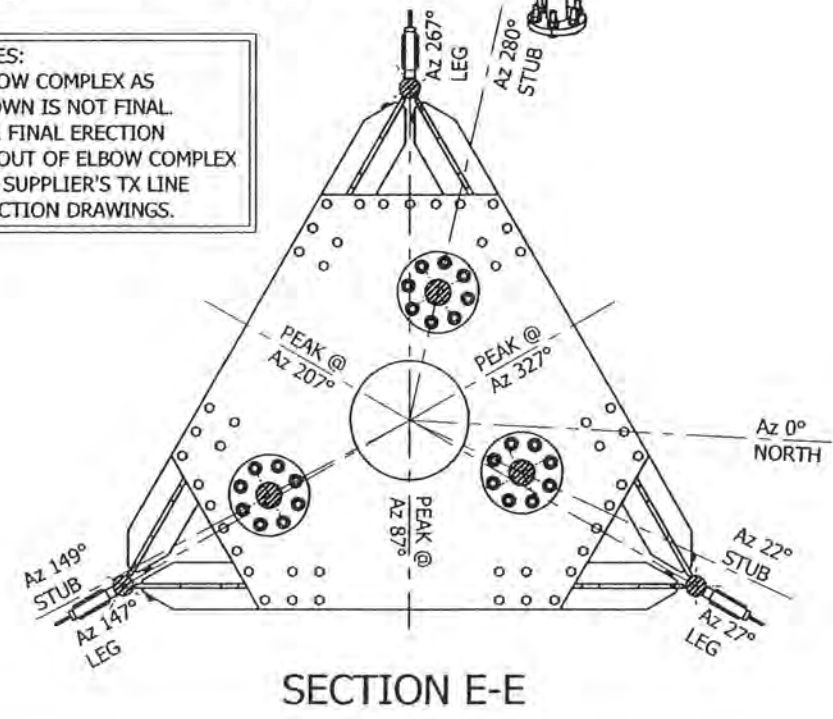
DETAIL "2" - TYPICAL BOTTOM CONNECTION DETAILS  
 SEE Dwg 07WA2-SB1-E01



FILE NO. 0170123			
REVISIONS			
REV.	DESCRIPTION	DWN	CHK APP
DWG REFERENCE			
07-NKHS-E22-01			
07-NKHS-E22-02			
 <b>RADIAN</b> OAKVILLE, ON, CANADA    RICHARDSON, TX, USA +1 866 4RADIAN    +1 866 472 3426 www.radiancorp.com			
Copyright - Duplication, recording, disclosure and use is prohibited			
N.E.T.V - KXNE-TV TX LINE MOUNTING RC 6 1/8" LAYOUT @ TOP SECTION NORFOLK, NE			
DWN:	SIP	CHK'D:	AAS
ENG'R:	GW	DATE:	Apr/03/2003
DRAWING NO:		ENG'R APP'D:	
07-NKHS-E22-03			
REV:			0



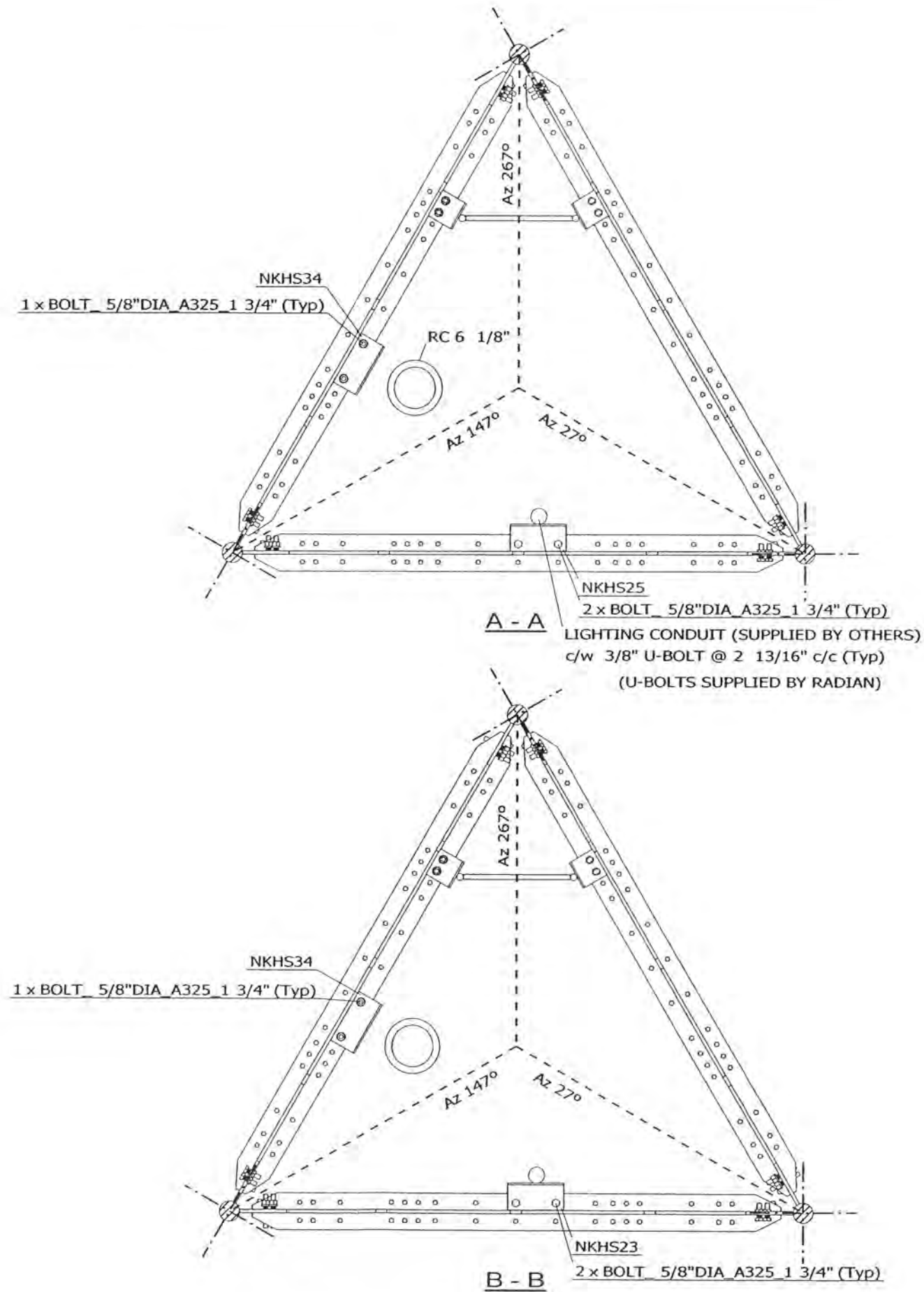
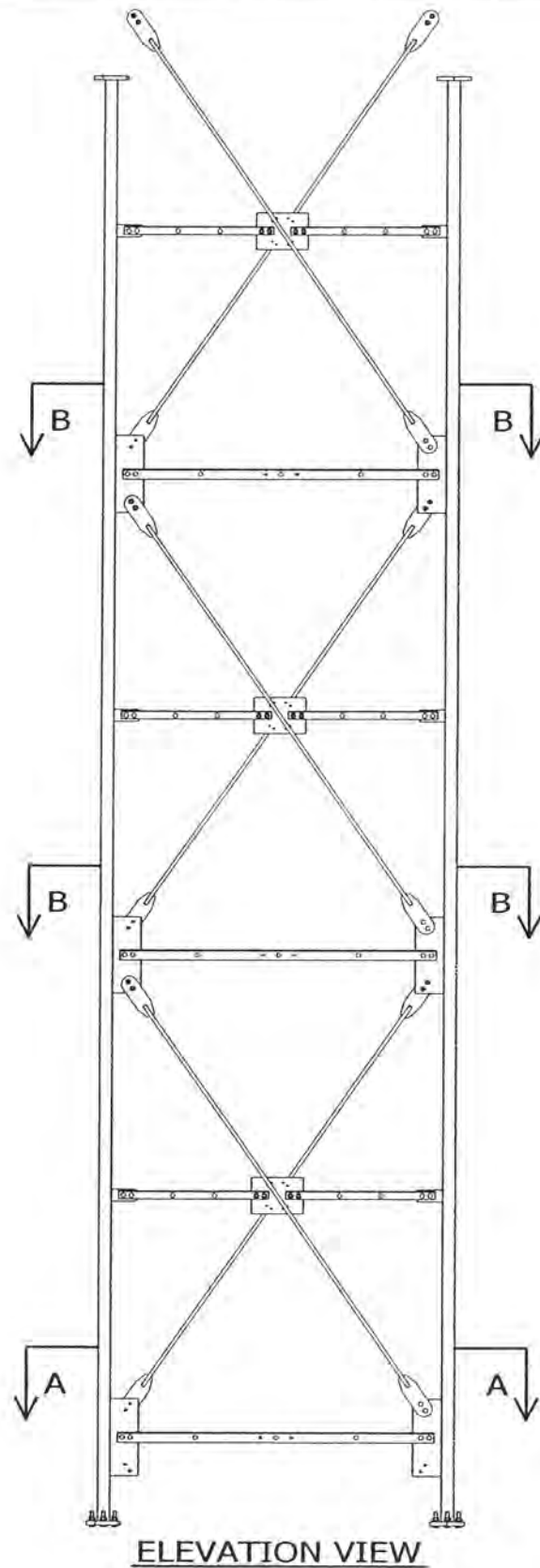
NOTES:  
- ELBOW COMPLEX AS SHOWN IS NOT FINAL.  
- FOR FINAL ERECTION LAYOUT OF ELBOW COMPLEX SEE SUPPLIER'S TX LINE ERECTION DRAWINGS.



Apr/03/2003 4:12:30 PM

(Erection)





**NOTES:**

- 1) ALL BOLTS ARE COMPLETED WITH LOCK NUT & FLAT WASHER.
- 2) SEE STANDARD DRAWINGS FOR PART INFORMATION.
- 3) PLATFORM & GRATING ARE NOT SHOWN FOR CLARITY.
- 4) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	bt

DWG REFERENCE	
DWG	07-NKHS-E23-02
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

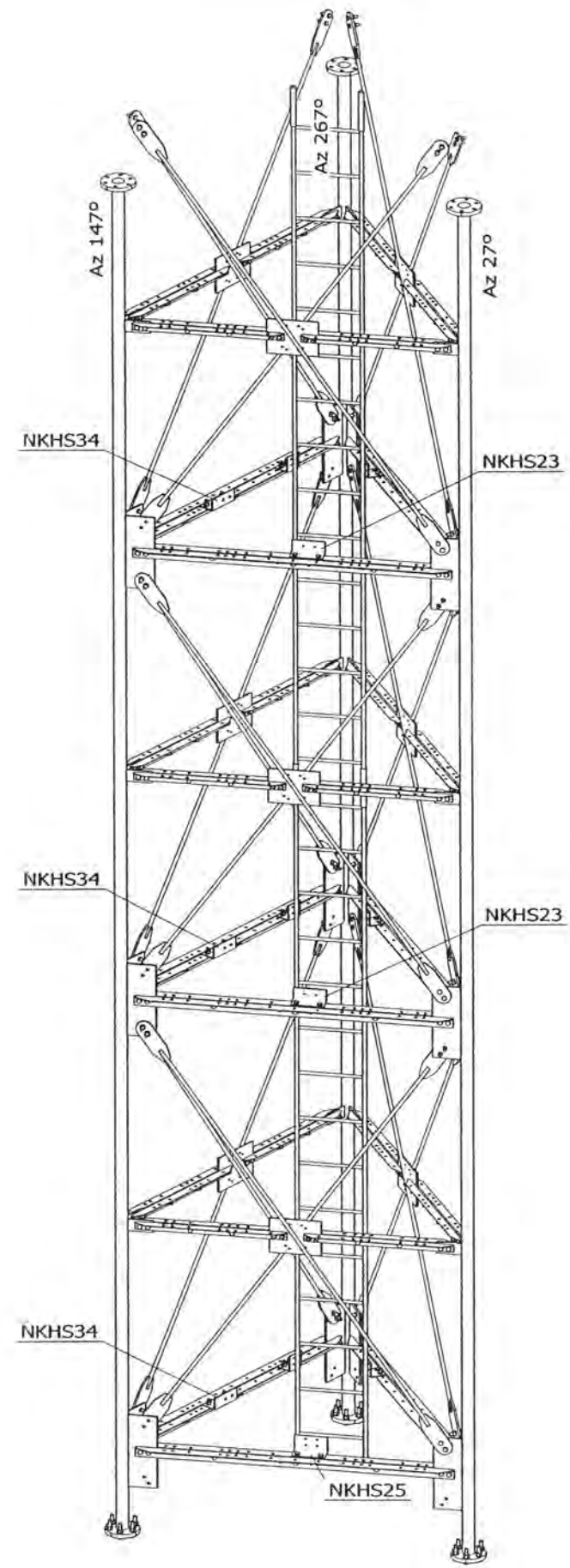
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT07 MAST  
 SECT 31-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN: SIP	CHK'D: AAS	DATE: 03.04.2003
-------------	---------------	---------------------

ENG'R: EV	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07-NKHS-E23-01	REV: 0
-------------------------------	-----------



NOTES:  
 1) FOR TX LINES LAYOUT SEE Dwg 07-NKHS-E02-01.

FILE NO.: 02-017-0123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP.
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	07-NKHS-E23-01
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

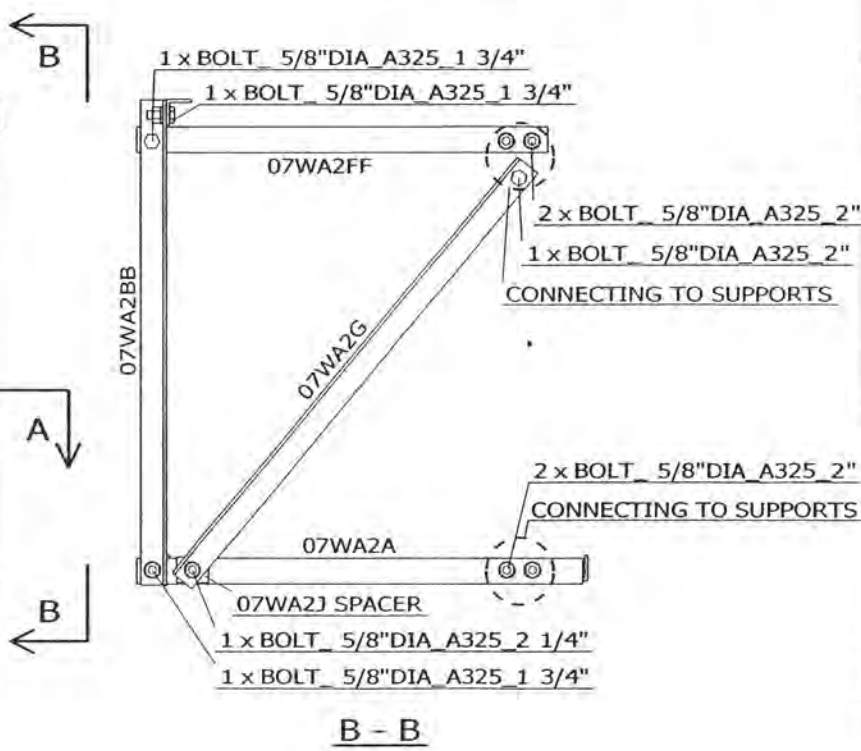
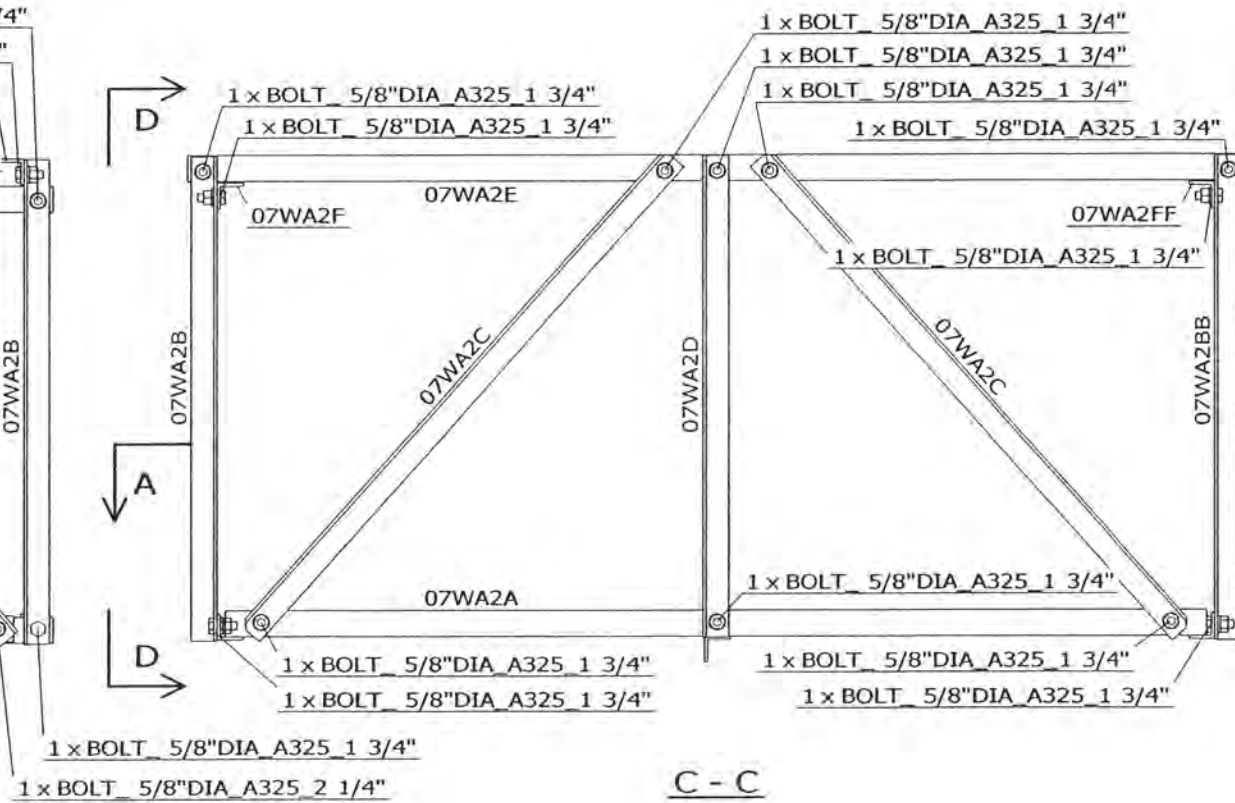
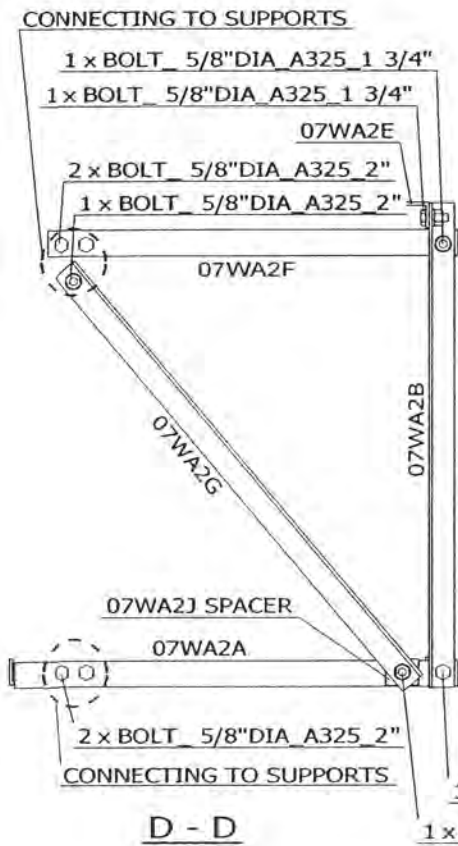
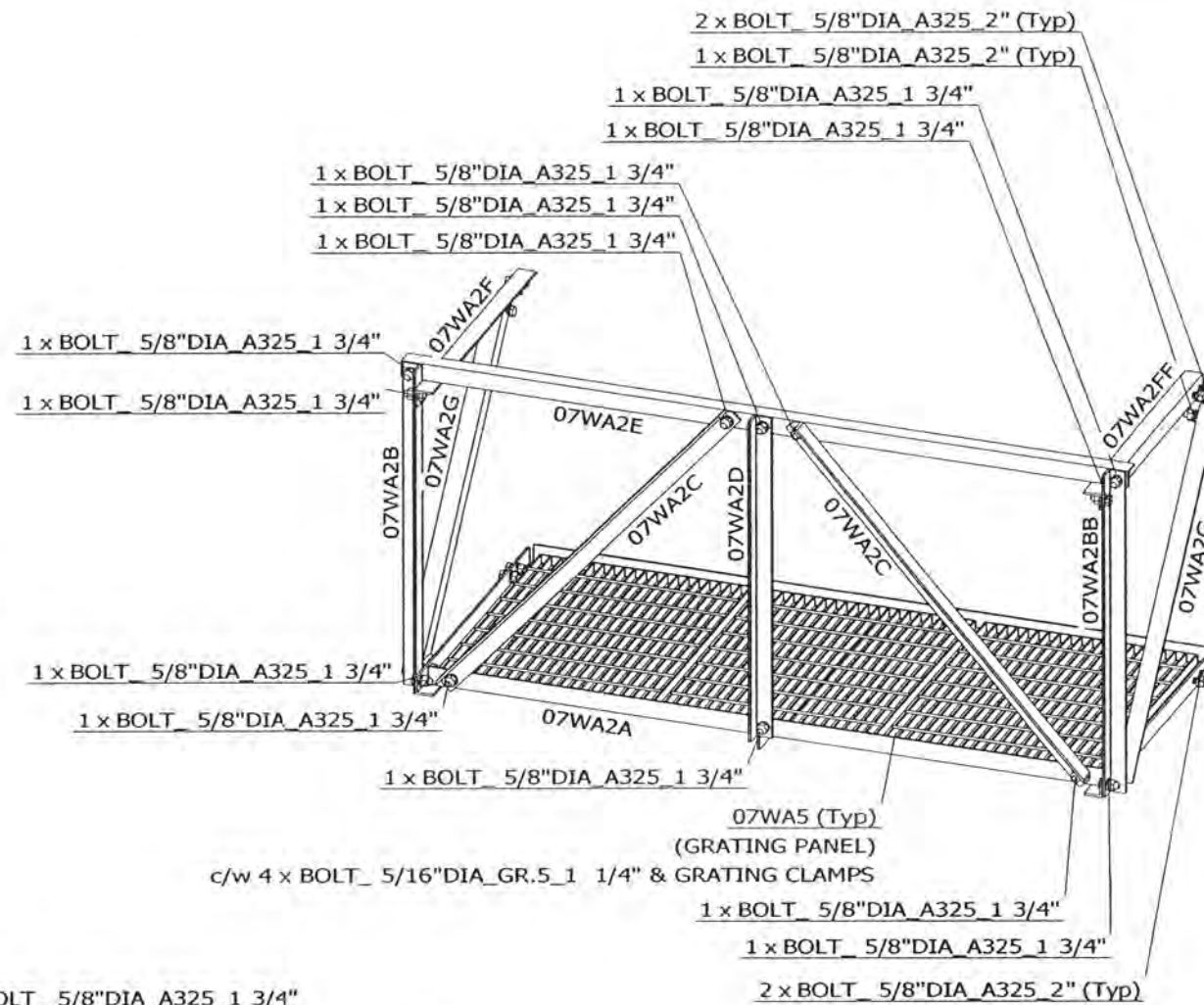
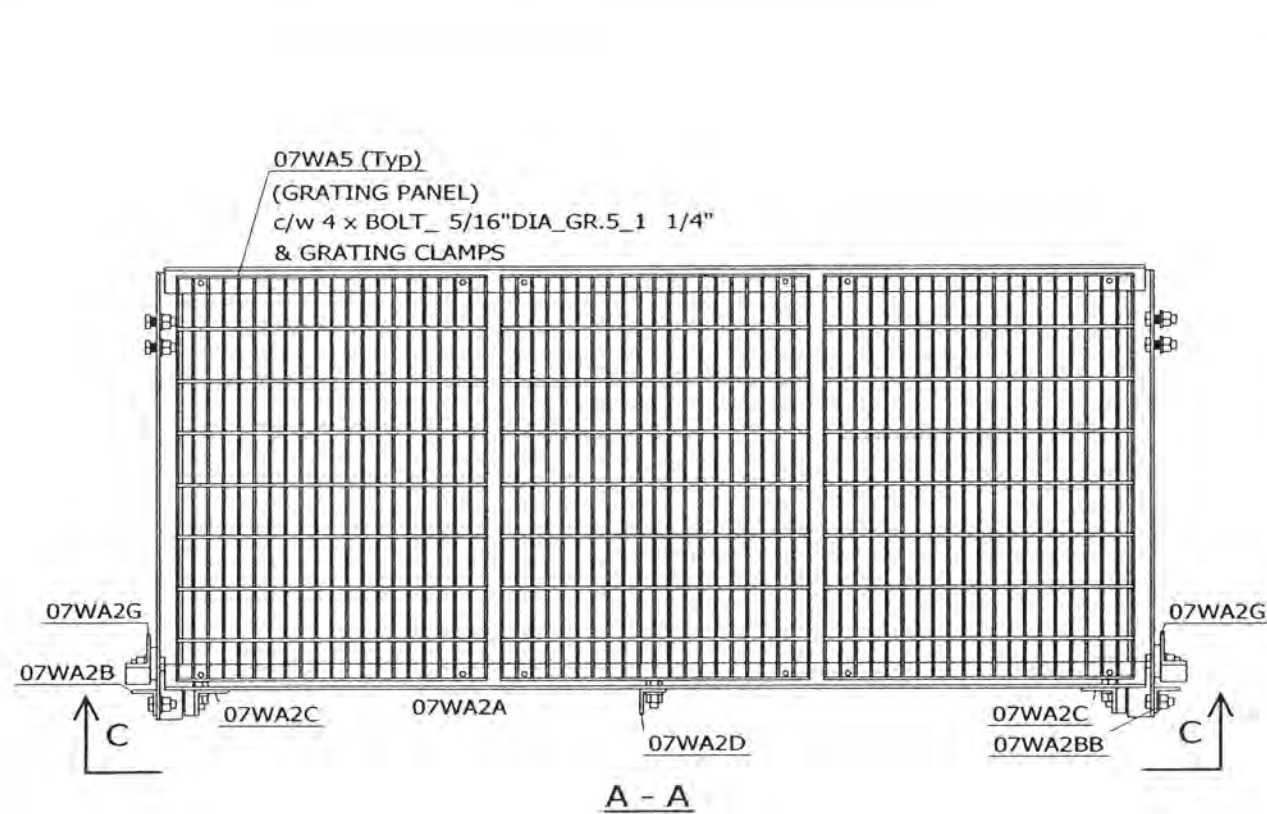
Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
 1014.75FT (AGL) RT07 MAST  
 SECT 31-TX & LIGHTING SUPPORT  
 NORFOLK, NE

DWN:	CHK'D:	DATE:
SIP	AAS	03.04.2003

ENG'R:	ENG'R APP'D:
EV	

DRAWING NO:	REV:
07-NKHS-E23-02	0



FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	



OKVILLE, ON, CANADA      ST. CHARLES, MD, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

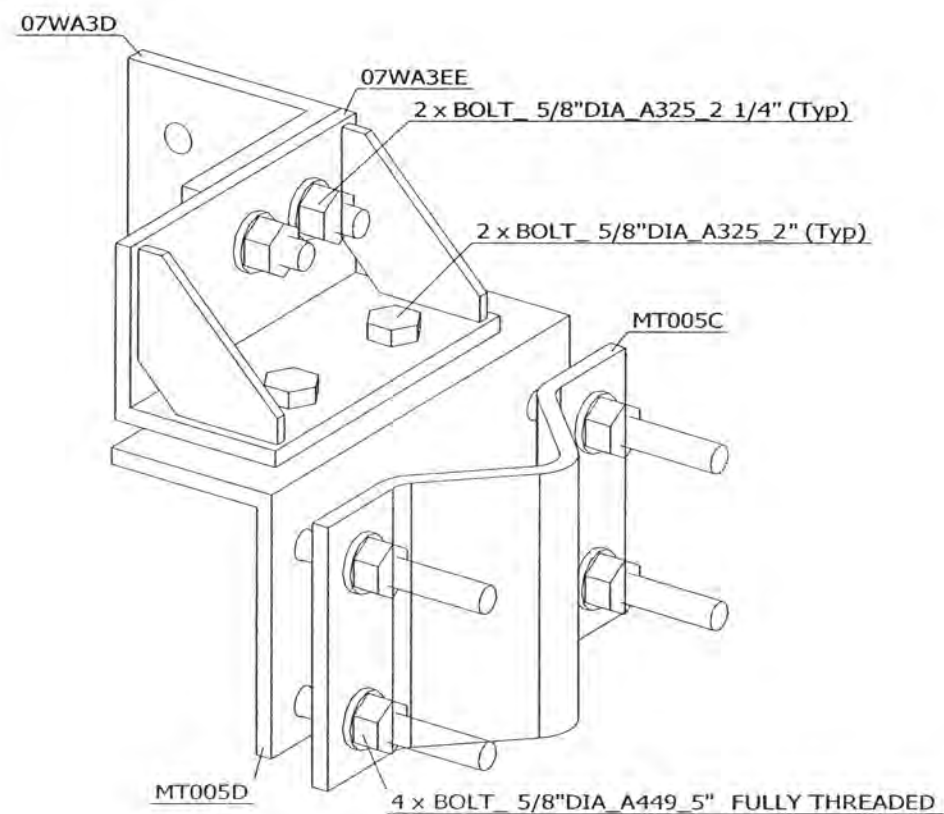
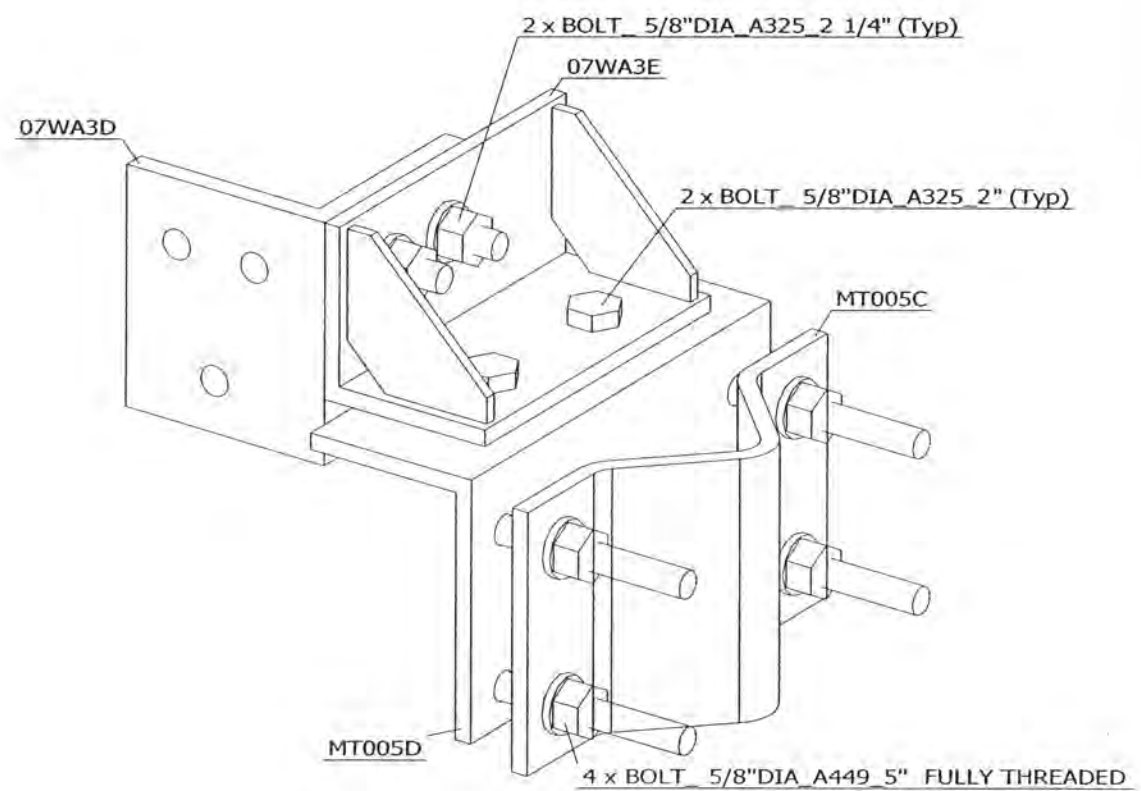
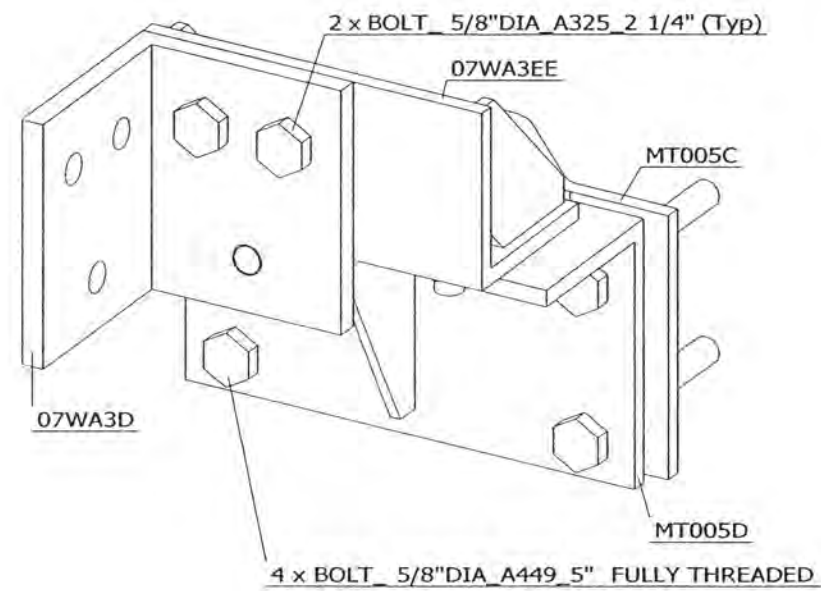
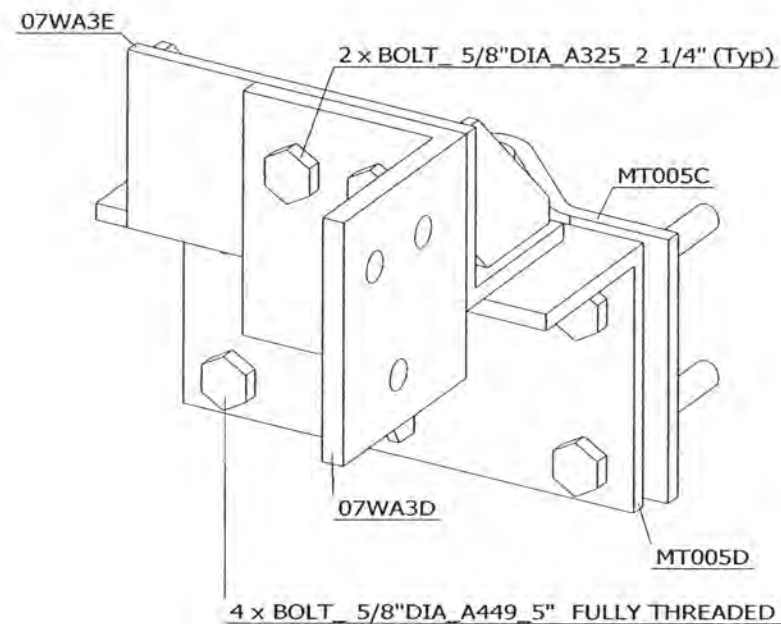
Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07WA2  
 TOP TRANSFER PLATFORM

DWN: SIP	CHK'D: AAS	DATE: 01.04.2003
ENG'R: EV	ENG'R APP'D:	

DRAWING NO: 07WA2-E01      REV: 0





FILE NO.: STANDARD

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP
0	FOR RELEASE	SIP	AAS	EV

DWG REFERENCE	
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	
DWG	



OAKVILLE, ON, CANADA      ST. CHARLES, MO, USA  
 TELEPHONE +1 905 844-1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

RT07 SERIES MAST  
 KIT# K07WA2-SB1  
 SUPPORTS FOR TRANSFER PLATFORM  
 FOR SR LEG SIZE (FR 3 1/16 TO 4 1/2)

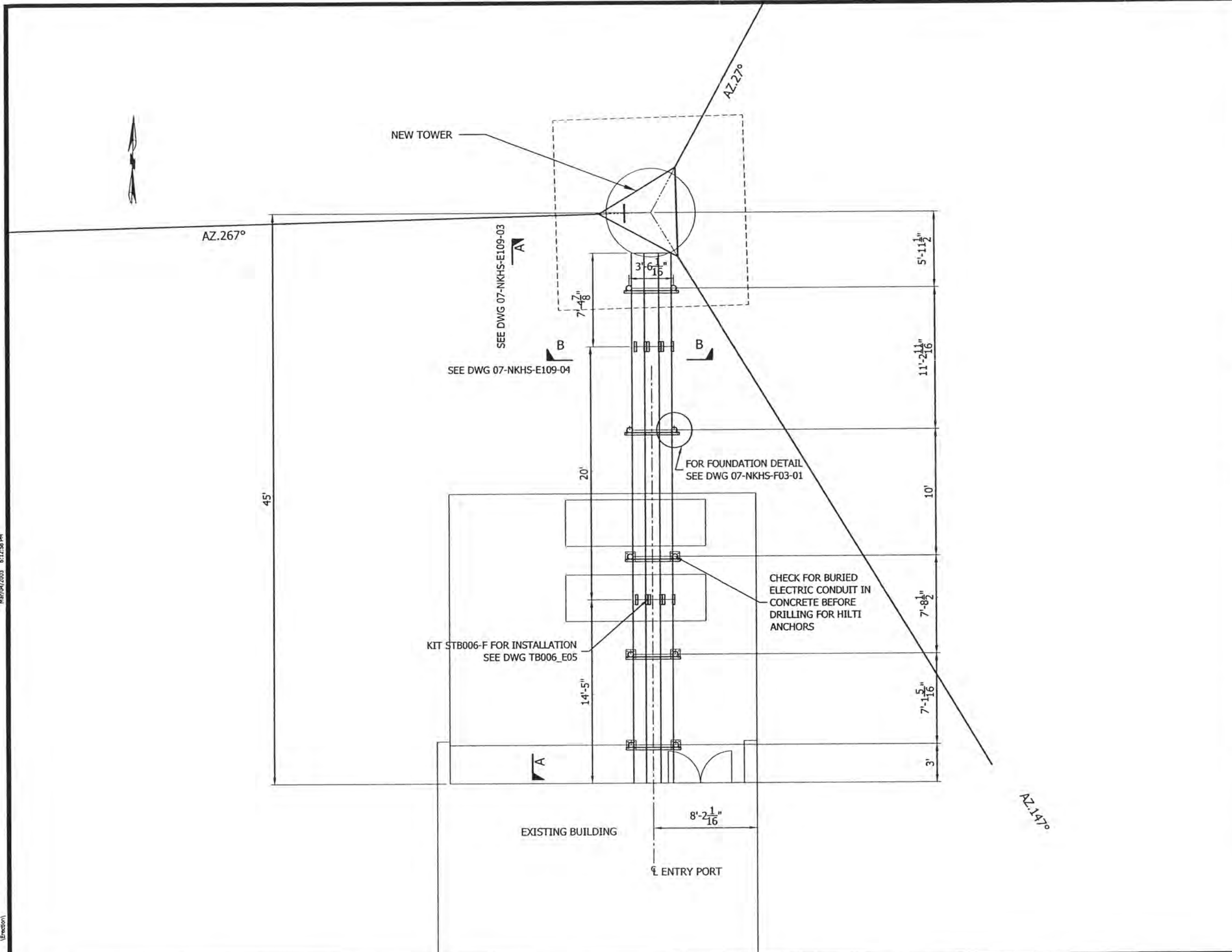
DWN: SIP	CHK'D: AAS	DATE: 02.04.2003
-------------	---------------	---------------------

ENG'R: EV	ENG'R APP'D:
--------------	--------------

DRAWING NO: 07WA2-SB1-E01	REV: 0
------------------------------	-----------

Mar/04/2003 6:12:58 PM

(Erection)



FILE NO. 0170123

REVISIONS				
REV	DESCRIPTION	DWN	CHK	APP

DWG REFERENCE
07-NKHS-E109-02
07-NKHS-E109-03
07-NKHS-E109-04
07-NKHS-F03-01
TB012-E01
TB006-E05



OAKVILLE, ON, CANADA  
 TELEPHONE +1 905 844 1242  
 FACSIMILE +1 905 844 8837

St CHARLES, MO, USA  
 TELEPHONE +1 636 922 3250  
 FACSIMILE +1 636 922 3238

www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

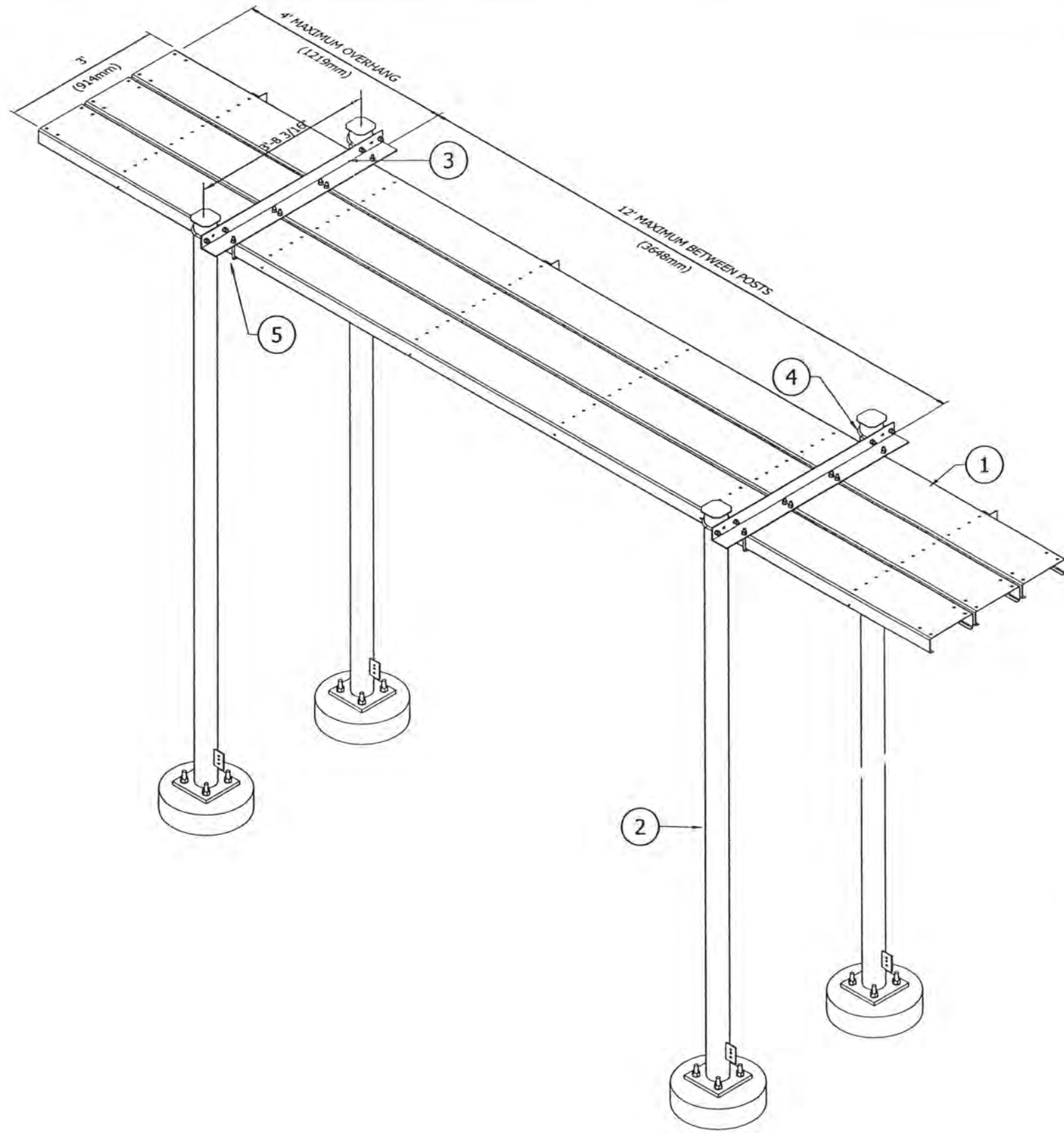
N.E.T.V - KXNE-TV  
 TX BRIDGE  
 1014.75 FT (AGL) RT07 TOWER  
 NORFOLK, NE

DWN: MAS    CHK'D:    DATE: Feb/27/2003

ENG'R:    ENG'R APP'D:

DRAWING NO: 07-NKHS-E109-01    REV: 0

ITEM	QTY.	PART NO.	DESCRIPTION
1	9	91171A	SAMSON CHANNEL 12"@5/32"x20'
2	10	91166H2	HSS 4 1/2" Ø ODx WELD'T
3	5	TB010B1	BRACE ARM L 4x3x1/4"
4	20	110260	1/2"Ø U-BOLTS @ 5 1/16" c/c
5	30	111041	1/2"Ø SQUARE J-BOLTS



FILE NO. 0170123

REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP.

DWG REFERENCE
07-NKHS-E109-01
07-NKHS-E109-03
07-NKHS-E109-04



OAKVILLE, ON, CANADA RICHARDSON, TX, USA  
+1 866 4RADIANT +1 866 472 3426  
www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
TX BRIDGE  
NORFOLK, NE

DWN: MAS	CHK'D:	DATE: Feb/27/2003
-------------	--------	----------------------

ENG'R:	ENG'R APP'D:
--------	--------------

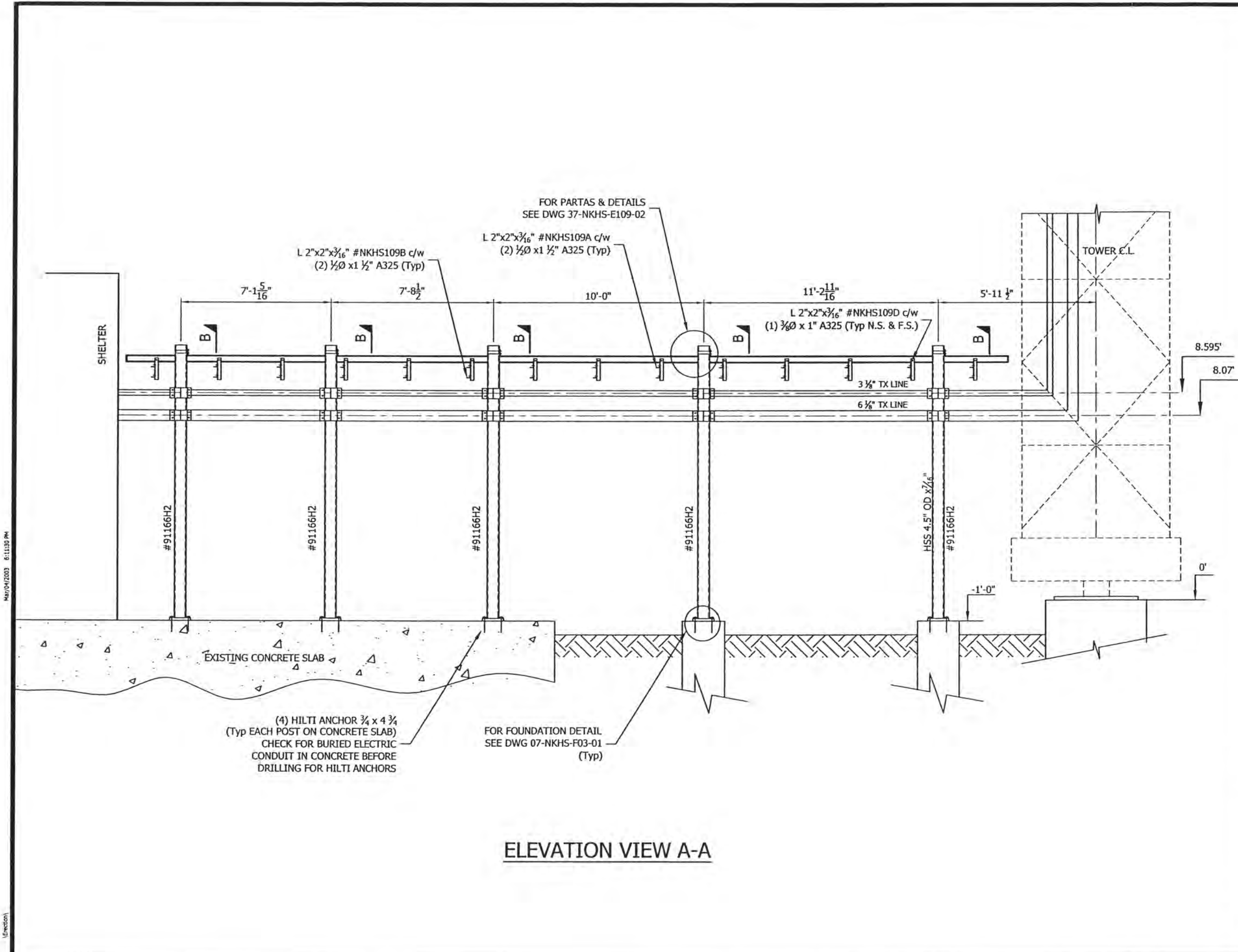
DRAWING NO: 07-NKHS-E109-02	REV: 0
--------------------------------	-----------

MAR/04/2003 6:13:16 PM

I/Erection



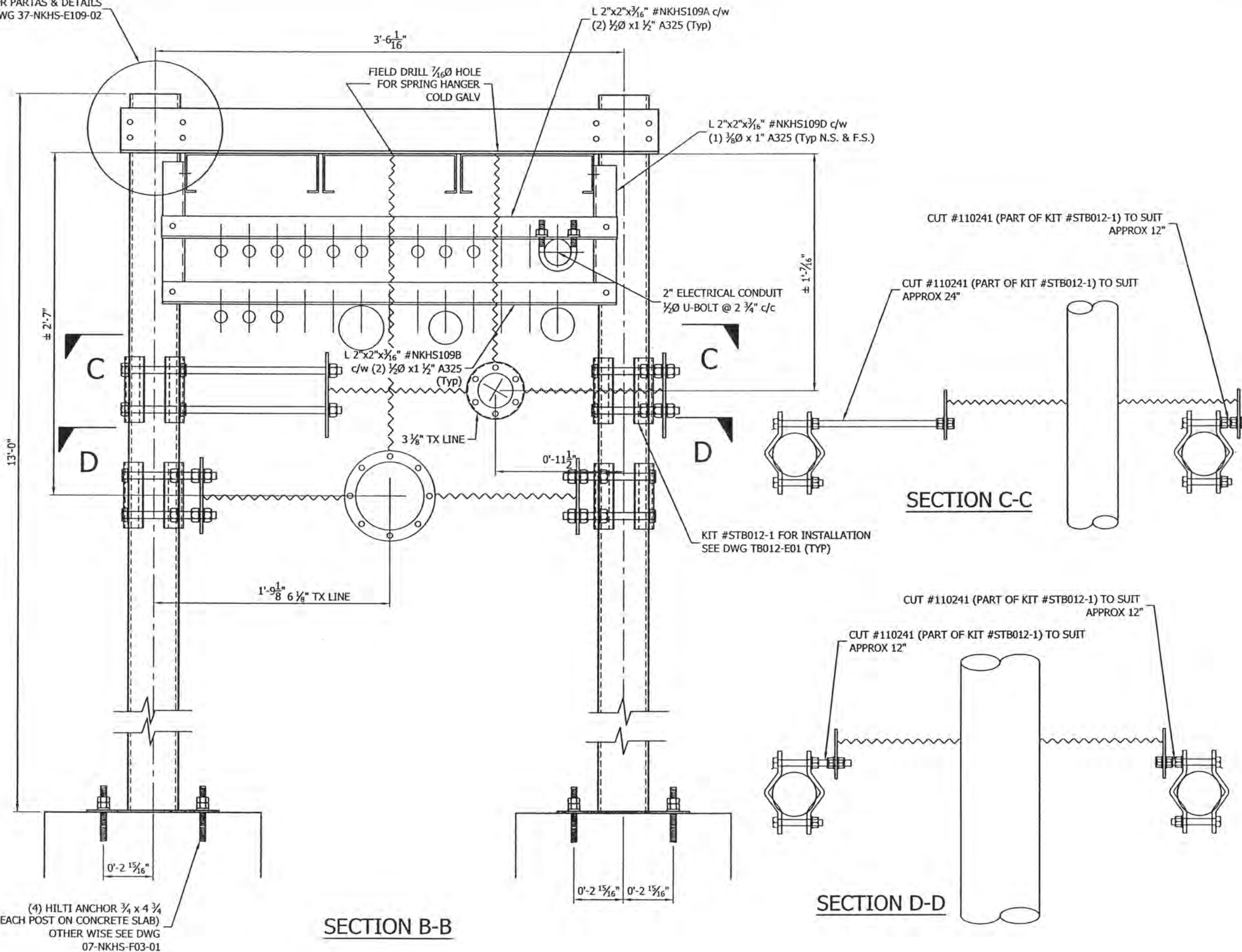
Mar/04/2003 8:11:35 PM



**ELEVATION VIEW A-A**

FILE NO. 0170123										
REVISIONS										
REV.	DESCRIPTION	DWN	CHK	APP						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 100%;">DWG REFERENCE</td> </tr> <tr> <td>07-NKHS-E109-01</td> </tr> <tr> <td>07-NKHS-E109-02</td> </tr> <tr> <td>07-NKHS-E109-04</td> </tr> <tr> <td>07-NKHS-F03-01</td> </tr> <tr> <td>TB012-E01</td> </tr> </table>					DWG REFERENCE	07-NKHS-E109-01	07-NKHS-E109-02	07-NKHS-E109-04	07-NKHS-F03-01	TB012-E01
DWG REFERENCE										
07-NKHS-E109-01										
07-NKHS-E109-02										
07-NKHS-E109-04										
07-NKHS-F03-01										
TB012-E01										
<b>RADIAN</b>										
OAKVILLE, ON, CANADA TELEPHONE +1 905 844 1242 FACSIMILE +1 905 844 8837		St CHARLES, MO, USA TELEPHONE +1 636 922 3250 FACSIMILE +1 636 922 3238 www.radiancorp.com								
Copyright - Duplication, recording, disclosure and use is prohibited										
N.E.T.V - KXNE-TV TX BRIDGE NORFOLK, NE										
DWN:	MAS	CHK'D:	DATE:	Feb/27/2003						
ENGR:	ENGR APP'D:									
DRAWING NO:				REV:						
07-NKHS-E109-03				0						

FOR PARTS & DETAILS  
SEE DWG 37-NKHS-E109-02



(4) HILTI ANCHOR  $\frac{3}{4}$  x 4  $\frac{3}{4}$  (Typ EACH POST ON CONCRETE SLAB) OTHER WISE SEE DWG 07-NKHS-F03-01

SECTION B-B

SECTION D-D

FILE NO. 0170123

REVISIONS

REV.	DESCRIPTION	DWN	CHK	APP

DWG REFERENCE

07-NKHS-E109-01
07-NKHS-E109-02
07-NKHS-E109-03
07-NKHS-F03-01
TB012-E01

**RADIAN**

OAKVILLE, ON, CANADA  
TELEPHONE +1 905 844 1242  
FACSIMILE +1 905 844 8837  
www.radiancorp.com

ST CHARLES, MO, USA  
TELEPHONE +1 636 922 3250  
FACSIMILE +1 636 922 3238

Copyright - Duplication, recording, disclosure and use is prohibited

N.E.T.V - KXNE-TV  
TX BRIDGE  
NORFOLK, NE

DWN: MAS	CHK'D:	DATE: Feb/27/2003
ENGR:	ENGR APP'D:	
DRAWING NO: 07-NKHS-E109-04		REV: 0

MAY/04/2003 6:13:02 PM

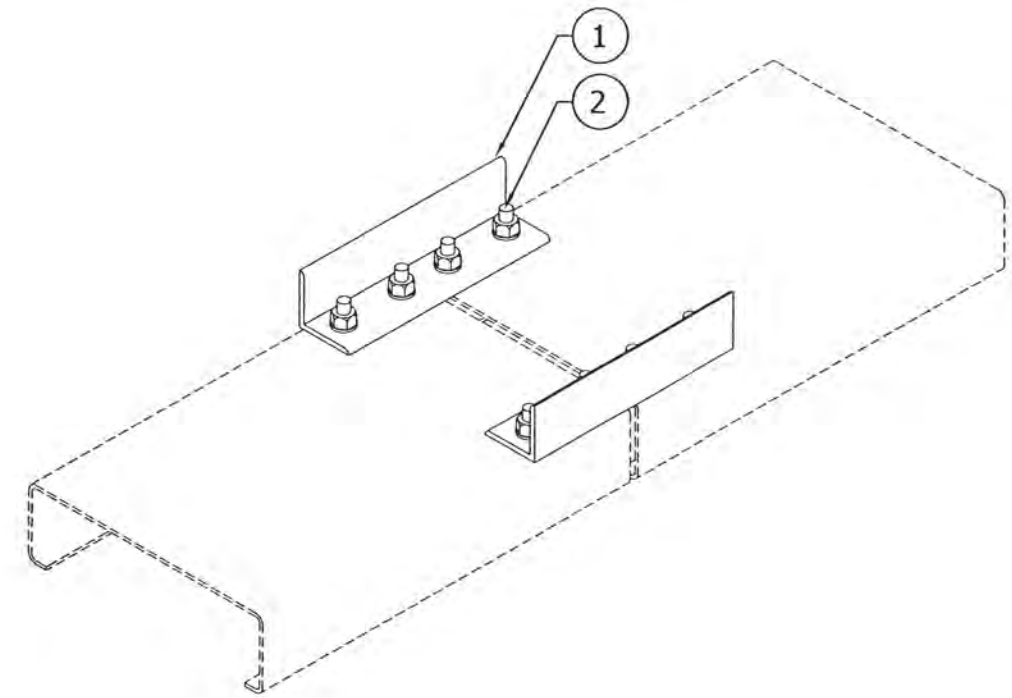
Erection

FILE NO. STANDARD-TB

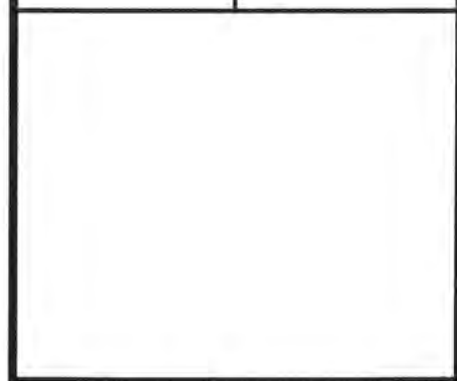
REVISIONS

REV.	DESCRIPTION	DWN	CHK	APP

BILL OF MATERIAL KIT #STB006-F			
ITEM	QTY.	PART NO.	DESCRIPTION
1	2	91170D	L 2 1/2x2 1/2x1/4" (64x64x6mm)
2	8	110818	1/2"Ø x1 1/4"A325 BOLT ASS'Y



DWG REFERENCE



OAKVILLE, ON, CANADA      ST CHARLES, MO, USA  
 TELEPHONE +1 905 844 1242      TELEPHONE +1 636 922 3250  
 FACSIMILE +1 905 844 8837      FACSIMILE +1 636 922 3238  
 www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

SPLICE CONNECTION  
 WAVEGUIDE BRIDGE ACCESSORIES

DWN: HHR	CHK'D: JMC	DATE: Jul/05/2000
-------------	---------------	----------------------

ENG'R: RKA	ENG'R APP'D:
---------------	--------------

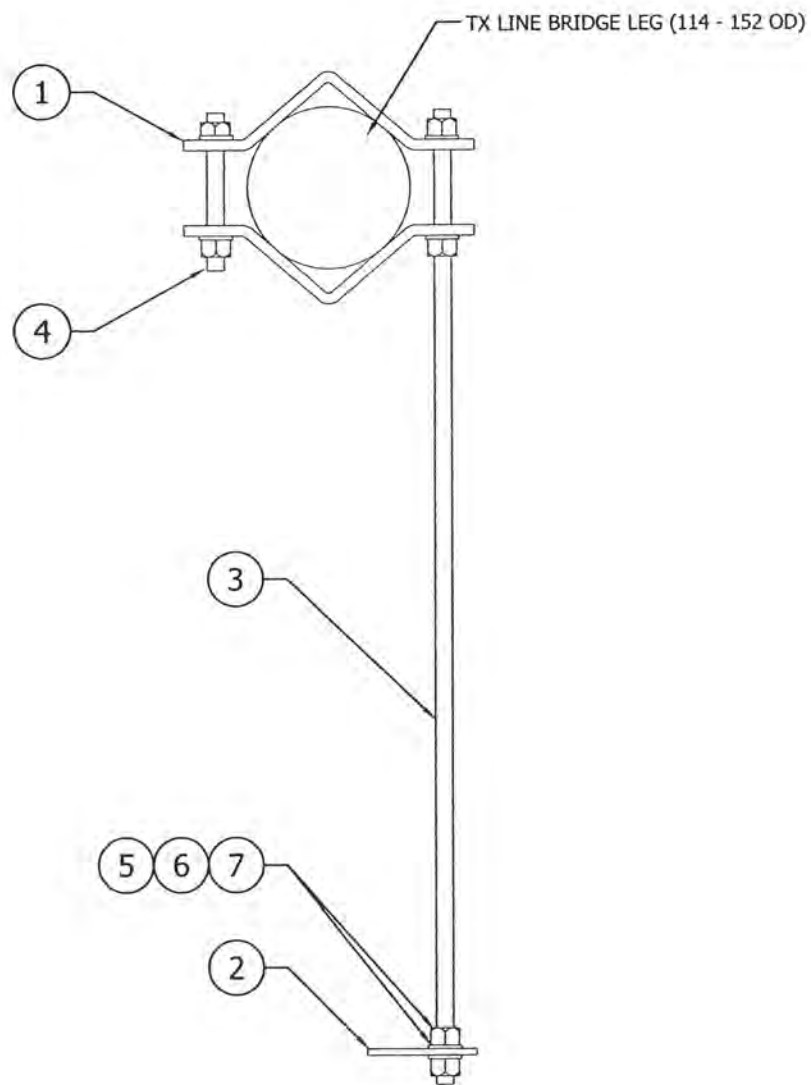
DRAWING NO: TB006-E05	REV: 0
--------------------------	-----------

Dec/10/2002 3:23:45 PM

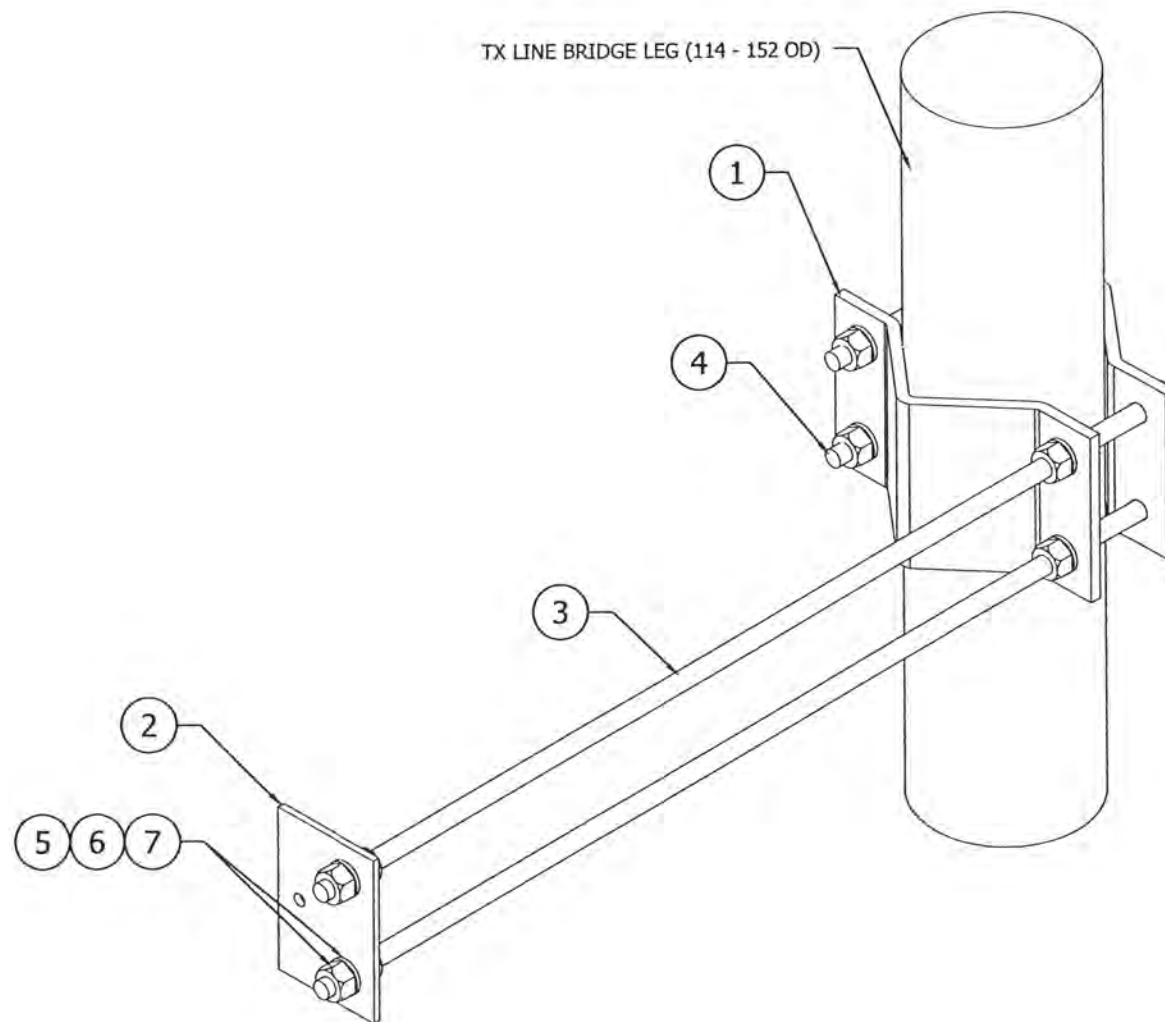
(Erection)



BILL OF MATERIAL KIT #STB012-1				
ITEM	QTY.	PART NO.	DESCRIPTION	Wt./lb
1	2	MT005C	BENT BAR 6"x3/8" (152x10mm)	18#
2	1	TB012A	BAR 4"x1/4" (102x6mm)	2#
3	2	110241	5/8"Ø x 3'-0" FULL THREAD ROD	5#
4	2	111120	5/8"Ø x 6" FULL THREAD ROD	2#
5	12	110147	5/8"Ø HEX NUT GR. 2 GALV.	1#
6	12	110205	5/8"Ø HARDEND FLAT WASHER GALV	1#
7	12	110206	5/8"Ø SPRING LOCK WASHER GALV	1#
			TOTAL	30#



TOP VIEW



FILE NO.	STANDARD-TB			
REVISIONS				
REV.	DESCRIPTION	DWN	CHK	APP

DWG REFERENCE	




OAKVILLE, ON, CANADA    RICHARDSON, TX, USA  
+1 866 4RADIAN    +1 866 472 3426  
www.radiancorp.com

Copyright - Duplication, recording, disclosure and use is prohibited

TX LINE BRACKETS  
RIGID LINE SUPPORT BRACKET

DWN:	CHK'D:	DATE:
JTB	E.V	Feb/25/2003

ENGR:	ENGR APP'D:
E.V	

DRAWING NO:	REV:
TB012-E01	0

Feb/25/2003 2:52:57 PM

18radcon1

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

ASAMY

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
1	53539	60.2700	1	PC	07LE11	SR 95x9090 (A572-GR50) Weld't	07LE11	1,250.01	567.00	REL
2	53539	60.3700	5	PC	07LE11	SR 95x9090 (A572-GR50) Weld't	07LE11	6,250.04	2,835.00	REL
3	53593	30.2700	3	PC	07LE14	SR 83x9090 (A572-GR50) Weld't	07LE14	2,969.60	1,347.00	REL
4	53593	90.3200	45	PC	110191	Ring Fill 13mm Lg HDG (Small) 1/2 to 3/4 Bolt	A816_M01	2.25	1.02	REL
5	53598	30.2700	4	PC	07LE18	SR 76x9090 (A572-GR50) Weld't	07LE18	3,474.45	1,576.00	REL
6	53626	20.1100	2	PC	07WA4	GRATING PANEL 1153 x 427 Weldt	07WA4	62.00	28.12	REL

**EMBEDDED MATERIAL**

**B01 BASE FOUNDATION MATERIAL**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
	53529	10.0000	1	PC	BA001A	PL 610x102x610 Weld't (300W)	BA001-M01	665.00	301.64	REL
8	53529	20.0000	4	PC	190160-B	Thd Rod 3/4 in -10 X 3' L7 Fully Galvanized				REL
9	53529	30.0000	22	PC	110148	Hex Nut 3/4 (10 UNC) 2H Galv		4.18	1.90	REL
10	53529	40.0000	5	PC	110208	Hardened Washer 3/4 (F436) Galv		.40	.18	REL
11	53529	50.0000	2	PC	BA001B	Bar 64x6x792 (300W)	BA001-M03	10.00	4.54	REL
12	53529	60.0000	3	PC	110002	Bolt Assy 1/2x1-1/2 in A325 Ga		.63	.29	REL
13	53529	70.0000	6	PC	RE003B	38 Dia. HAIRPIN @ 300 c/c	RE003-M02	390.00	176.90	REL

**B02 GUY ANCHOR MATERIAL**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
14	53529	140.0000				<b>INNER ANCHORS</b>				REL
15	53529	150.0000	6	PC	NKHS105A	C 310x31x6696 (300W)	07-NKHS-M105-01	2,838.00	1,287.30	REL
16	53529	160.0000	12	PC	NKHS105B	L 127x89x10x492 (300W)	07-NKHS-M105-02	204.00	92.53	REL
17	53529	170.0000	50	PC	110028	Bolt Assy 3/4x2-3/4 in A325 Ga		36.00	16.33	REL
18	53529	180.0000	50	PC	110551	Bevel Washer 3/4 (Mall.) Galv		7.22	3.27	REL
19	53529	190.0000	32	PC	110033	Bolt Assy 3/4 X 4 in A325 Galv		28.16	12.77	REL
	53529	200.0000	64	PC	110390	Ring Fill 25mm Lg HDG (Small) 1/2 to 3/4 Bolt	A816_M01	1.92	.87	REL

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	REL
21	53529	201.0000	6	PC	RE003B	38 Dia. HAIRPIN @ 300 c/c	RE003-M02	390.00	176.90	REL
22	53529	210.0000				<b>OUTER ANCHORS</b>				REL
23	53529	220.0000	6	PC	NKHS106A	C 310x31x5691 (300W)	07-NKHS-M106-01	2,412.00	1,094.06	REL
24	53529	230.0000	12	PC	NKHS105B	L 127x89x10x492 (300W)	07-NKHS-M105-02	204.00	92.53	REL
25	53529	240.0000	50	PC	110028	Bolt Assy 3/4x2-3/4 in A325 Ga		36.00	16.33	REL
26	53529	250.0000	50	PC	110551	Bevel Washer 3/4 (Mall.) Galv		7.22	3.27	REL
27	53529	260.0000	32	PC	110033	Bolt Assy 3/4 X 4 in A325 Galv		28.16	12.77	REL
28	53529	270.0000	64	PC	110390	Ring Fill 25mm Lg HDG (Small) 1/2 to 3/4 Bolt	A816_M01	1.92	.87	REL
29	53529	280.0000	6	PC	RE003B	38 Dia. HAIRPIN @ 300 c/c	RE003-M02	390.00	176.90	REL
30	53542	10.0000				<b>SNUBBER FOUNDATION</b>				REL
	53542	20.0000	18	PC	5760	19 Dia. X 2600 Hairpin Sandamper Anchor Hairpin	A696	540.00	244.94	REL

**B03 TX BRIDGE FOUNDATION MATERIAL**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
32	53529	80.0000	16	PC	110242	Thd Rod 3/4 X 3' Galv		59.04	26.78	REL
33	53529	110.0000	34	PC	110148	Hex Nut 3/4 (10 UNC) 2H Galv		6.46	2.93	REL
34	53529	120.0000	18	PC	110208	Hardened Washer 3/4 (F436) Galv		1.44	.65	REL
35	53656	260.0000	25	PC	190131	Hilli Anchor KBII 3/4 X 4 3/4				REL

**B05 GROUNDING BELOW GRADE MATERIAL**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
36	53529	300.0000	50	MT	150180	Grd Wire #2 Tinned Str Copper				REL
37	53529	310.0000	17	PC	150048	Grd Rod 3/4 X 10' Copper		238.00	107.95	REL
38	53529	320.0000	20	PC	150032	Weld Metal #90		.02	.01	REL
39	53608	10.0000	1	PC	150162	Grd Mold Wire To Rod (+Frame) #2 Wire to 3/4 Rod				REL

**STRUCTURE**

**C09 GUY LINK PLATES AND PINS**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
40	53665	10.0000				<b>INNER ANCHOR</b>				REL



**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	
41	53665	20.0000				<b>GUY LINK PLATES &amp; PINS FOR 7/8" GUY</b>				REL
42	53665	30.0000	12	PC	GY33A	PL 152 x 16 x 762 (300W) LINK PLATE	GY33-M01	360.00	163.29	REL
43	53665	40.0000	6	PC	GY38A	PIN 51 DIA S.R x 357 (80 ksi)	GY38-M01	78.00	35.38	REL
44	53665	50.0000	6	PC	GY39A	PIN 51 DIA S.R x 205 (50 ksi)	GY39-M01	48.00	21.77	REL
45	53665	60.0000	36	PC	GY40A	PL 127 DIA x 10 (300W)	GY40-M01	72.00	32.66	REL
46	53665	70.0000	38	PC	110912	Bolt Only 5/8 X 3 1/4 in A325 GALV		19.80	8.98	REL
47	53665	80.0000	38	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		4.56	2.07	REL
48	53665	90.0000	38	PC	110205	Hardened Washer 5/8 (F436) Galv		1.90	.86	REL
49	53665	100.0000				<b>GUY LINK PLATES &amp; PINS FOR 1" GUY</b>				REL
50	53665	110.0000	6	PC	GY17	BAR 152x19x762 (300W)	GY17	210.00	95.25	REL
51	53665	120.0000	3	PC	GY38B	PIN 57 DIA S.R x 357 (80 ksi)	GY38-M01	48.00	21.77	REL
52	53665	130.0000	3	PC	GY39B	PIN 57 DIA S.R x 205 (50 ksi)	GY39-M01	27.00	12.25	REL
53	53665	140.0000	18	PC	GY40B	PL 127 DIA x 10 (300W)	GY40-M01	36.00	16.33	REL
54	53665	150.0000	19	PC	110928	Bolt Only 5/8 X 3 1/2 in A325 Galvanized		10.32	4.68	REL
55	53665	160.0000	19	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		2.28	1.03	REL
56	53665	170.0000	19	PC	110205	Hardened Washer 5/8 (F436) Galv		.95	.43	REL
57	53665	180.0000				<b>EQUALIZER PLATE MATERIAL</b>				REL
58	53665	190.0000	3	PC	NKHS111A	EQUALIZER PL 610x51x660 (300W)	07-NKHS-M111-01	975.00	442.25	REL
59	53665	200.0000	28	PC	110938	Bolt Only 3/4 inx4 in A325 Gal		24.58	11.15	REL
60	53665	210.0000	28	PC	110511	Lock Nut Pin Type 3/4 A325 HDG		5.32	2.41	REL
61	53665	220.0000	28	PC	110208	Hardened Washer 3/4 (F436) Galv		2.24	1.02	REL
62	53666	10.0000				<b>OUTER ANCHOR</b>				REL
63	53666	20.0000				<b>GUY LINK PLATES &amp; PINS FOR 1" GUY</b>				REL
64	53666	30.0000	6	PC	GY17	BAR 152x19x762 (300W)	GY17	210.00	95.25	REL
65	53666	40.0000	3	PC	GY38B	PIN 57 DIA S.R x 357 (80 ksi)	GY38-M01	48.00	21.77	REL

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

ASAMY

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	
66	53666	50.0000	3	PC	GY39B	PIN 57 DIA S.R x 205 (50 ksi)	GY39-M01	27.00	12.25	REL
67	53666	60.0000	18	PC	GY40B	PL 127 DIA x 10 (300W)	GY40-M01	36.00	16.33	REL
68	53666	70.0000	19	PC	110928	Bolt Only 5/8 X 3 1/2 in A325 Galvanized		10.32	4.68	REL
69	53666	80.0000	19	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		2.28	1.03	REL
70	53666	90.0000	19	PC	110205	Hardened Washer 5/8 (F436) Galv		.95	.43	REL
71	53666	100.0000				<b>GUY LINK PLATES &amp; PINS FOR 1 1/4" GUY</b>				REL
72	53666	110.0000	6	PC	GY18	PL 190x19x800 (300W)	GY18	270.00	122.47	REL
73	53666	120.0000	3	PC	GY38D	PIN 70 DIA S.R x 372 (50 ksi)	GY38-M01	75.00	34.02	REL
74	53666	130.0000	3	PC	GY39D	PIN 70 DIA S.R x 220 (50 ksi)	GY39-M01	45.00	20.41	REL
75	53666	140.0000	18	PC	GY40D	PL 152 DIA x 10 (300W)	GY40-M01	54.00	24.49	REL
	53666	150.0000	19	PC	110929	Bolt Only 5/8 X 4 in A325 Galv		11.13	5.05	REL
77	53666	160.0000	19	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		2.28	1.03	REL
78	53666	170.0000	19	PC	110205	Hardened Washer 5/8 (F436) Galv		.95	.43	REL
79	53666	180.0000				<b>GUY LINK PLATES &amp; PINS FOR 1 1/16" GUY</b>				REL
80	53666	190.0000	6	PC	GY33B	PL 190 x 19 x 800 (300W) LINK PLATE	GY33-M01	270.00	122.47	REL
81	53666	200.0000	3	PC	GY38C	PIN 64 DIA S.R x 366 (50 ksi)	GY38-M01	60.00	27.22	REL
82	53666	210.0000	3	PC	GY39C	PIN 64 DIA S.R x 215 (50 ksi)	GY39-M01	36.00	16.33	REL
83	53666	220.0000	18	PC	GY40C	PL 152 DIA x 10 (300W)	GY40-M01	54.00	24.49	REL
84	53666	230.0000	19	PC	110942	Bolt Only 5/8x3-3/4 in A325 Ga		10.72	4.86	REL
85	53666	240.0000	19	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		2.28	1.03	REL
86	53666	250.0000	19	PC	110205	Hardened Washer 5/8 (F436) Galv		.95	.43	REL
87	53666	260.0000				<b>EQUALIZER PLATE MATERIAL</b>				REL
88	53666	310.0000	3	PC	NKHS111B	EQUALIZER PL 762x51x864 (300W)	07-NKHS-M111-02	1,443.00	654.53	REL
89	53666	320.0000	28	PC	110938	Bolt Only 3/4 inx4 in A325 Gal		24.58	11.15	REL
90	53666	330.0000	28	PC	110511	Lock Nut Pin Type 3/4 A325 HDG		5.32	2.41	REL
91	53666	340.0000	28	PC	110208	Hardened Washer 3/4 (F436) Galv		2.24	1.02	REL

**RADIAN COMMUNICATION SERVICES**

**Materials List**

2/9/2004 13:56:39

R55MATLIS RGS0002

ASAMY

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	REL
92	53898	10.0000				<b>INNER ANCHOR MATL FOR MODIFIED SHORT PIN</b>				REL
93	53898	20.0000	18	PC	NKHS38	SR 25x168 (300W) END PIN FOR ANCHOR SHORT PIN	NKHS38	27.00	12.25	REL
94	53898	30.0000	38	PC	110791	Bolt Only 1/2x2 in A325 Galv		5.70	2.59	REL
95	53898	40.0000	38	PC	110581	Lock Nut Pin Type 1/2 in A325 HDG		4.56	2.07	REL
96	53898	50.0000	38	PC	110202	Hardened Washer 1/2 (F436) Galv		1.52	.69	REL
97	53899	10.0000				<b>OUTER ANCHOR MATL FOR MODIFIED SHORT PIN</b>				REL
98	53899	20.0000	18	PC	NKHS38	SR 25x168 (300W) END PIN FOR ANCHOR SHORT PIN	NKHS38	27.00	12.25	REL
99	53899	30.0000	38	PC	110791	Bolt Only 1/2x2 in A325 Galv		5.70	2.59	REL
100	53899	40.0000	38	PC	110581	Lock Nut Pin Type 1/2 in A325 HDG		4.56	2.07	REL
101	53899	50.0000	38	PC	110202	Hardened Washer 1/2 (F436) Galv		1.52	.69	REL

**1 ORDER PRELIMINARY GUY MATERIAL**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
102	53418	10.0000				<b>GUY LENGTH MATERIAL</b>				REL
103	53418	380.0000	1	PC	NKHS1001B1	UH 7/8 X 452' c/w Open Skt &72"Closed Skt (Appro.)	07-NKHS-M100-01	830.00	376.48	REL
104	53418	390.0000	1	PC	NKHS1001B2	UH 7/8 X 536' c/w Open Skt &72"Closed Skt (Appro.)	07-NKHS-M100-01	983.00	445.88	REL
105	53418	400.0000	1	PC	NKHS1001B3	UH 1 X 645' c/w Open Skt &72"Closed Skt (Appro.)	07-NKHS-M100-01	1,494.00	677.67	REL
106	53418	410.0000	1	PC	NKHS1001A4	UH 1 X 965' c/w Open Skt &72"Closed Skt (Appro.)	07-NKHS-M100-02	2,236.00	1,014.23	REL
107	53418	420.0000	1	PC	NKHS1001A5	UH 1 1/4 X 1090' c/w Open Skt &72"Closed Skt (Appro.)	07-NKHS-M100-02	3,822.00	1,733.63	REL
108	53418	430.0000	1	PC	NKHS1001A6	UH 1 1/16 X 1210' c/w Open Skt &72"Closed Skt (Appro.)	07-NKHS-M100-02	2,937.00	1,332.20	REL
109	53418	440.0000	1	PC	NKHS1002B1	UH 7/8 X 444' c/w Open Skt &72"Closed Skt (Appro.)	07-NKHS-M100-01	815.00	369.68	REL
110	53418	450.0000	1	PC	NKHS1002B2	UH 7/8 X 523' c/w Open Skt &72"Closed Skt (Appro.)	07-NKHS-M100-01	960.00	435.45	REL
111	53418	460.0000	1	PC	NKHS1002B3	UH 1 X 629' c/w Open Skt &72"Closed Skt (Appro.)	07-NKHS-M100-01	1,458.00	661.34	REL
112	53418	470.0000	1	PC	NKHS1002A4	UH 1 X 958' c/w Open Skt &72"Closed Skt (Appro.)	07-NKHS-M100-02	2,219.00	1,006.52	REL
113	53418	480.0000	1	PC	NKHS1002A5	UH 1 1/4 X 1082' c/w Open Skt &72"Closed Skt (Appro.)	07-NKHS-M100-02	3,725.00	1,689.63	REL
114	53418	490.0000	1	PC	NKHS1002A6	UH 1 1/16 X 1201' c/w Open Skt &72"Closed Skt (Appro.)	07-NKHS-M100-02	2,915.00	1,322.22	REL
115	53418	500.0000	1	PC	NKHS1003B1	UH 7/8 X 446' c/w Open Skt &72"Closed Skt (Appro.)	07-NKHS-M100-01	818.00	371.04	REL



**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	
116	53418	510.0000	1	PC	NKHS1003B2	UH 7/8 X 525' c/w Open Skt & 72" Closed Skt (Appro.)	07-NKHS-M100-01	963.00	436.81	REL
117	53418	520.0000	1	PC	NKHS1003B3	UH 1 X 630' c/w Open Skt & 72" Closed Skt (Appro.)	07-NKHS-M100-01	1,460.00	662.24	REL
118	53418	530.0000	1	PC	NKHS1003A4	UH 1 X 950' c/w Open Skt & 72" Closed Skt (Appro.)	07-NKHS-M100-02	2,201.00	998.36	REL
119	53418	540.0000	1	PC	NKHS1003A5	UH 1 1/4 X 1075' c/w Open Skt & 72" Closed Skt (Appro.)	07-NKHS-M100-02	3,700.00	1,678.29	REL
120	53418	550.0000	1	PC	NKHS1003A6	UH 1 1/16 X 1200' c/w Open Skt & 72" Closed Skt (Appro.)	07-NKHS-M100-02	2,913.00	1,321.31	REL

**PHASE 1**

**D01 STRUCTURE BASE MATERIAL**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
121	53539	10.0000				<b>SECTION "1"</b>				REL
						<b>STARBASE SECTION</b>				
122	53539	20.0000				<b>KIT#K07XH2A</b>				REL
						<b>QUANTITY: ONE KIT</b>				
123	53539	30.0000	1	PC	K07XH2A	RT07X Hog Rod SR22 Leg SR95 Starbase Sect Kit	07XH2A-E01			REL

Line Number	U of	Part	Description	Additional Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
30.0100	1	PC 07BA1	Star Base Weldment (350W)	Down Load 1050 Kips		3,404.00	1,544.03	REL
30.0200	3	PC 07CN6	PLT 323x13x271 (300W)			58.86	26.70	REL
30.0300	6	PC 07CN7	BAR 203x10x326 (300W)			78.04	35.40	REL
30.0400	24	PC 07DG4	L64x64x6x1439 (300W)	(L2 1/2x2 1/2x1/4x4'-9")		480.00	217.72	REL
30.0500	12	PC 07DG5	SR 7/8 Hog Rod Weld't (350W)			367.73	166.80	REL
30.0600	12	PC 07HR4	L64x64x6x1980 (300W)	(L2 1/2x2 1/2x1/4x6'-6")		324.00	146.96	REL
30.0700	6	PC 07HR6	L51x51x5x1980 (300W)	(L2x2x3/16x6'-6")		96.00	43.54	REL
30.0800	12	PC 07HR7	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		96.00	43.54	REL
30.0900	12	PC 07HR8	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		96.00	43.54	REL
30.1000	4	PC 07LA1	L 102x102x6x110 (300W)			8.00	3.63	REL
30.1100	3	PC 07LE10	SR 95x8137 (A572-GR50) Weld't			3,412.72	1,548.00	REL
30.1200	4	PC 91272X	LAD. SP 33 ODx2.5x260 (350W)			6.00	2.72	REL
30.1300	1	PC LA007	LADDER 25 DIA RAIL X 4545	AT 425 C/C 19 DIA RUNGS 303c/c		112.00	50.80	REL
30.1400	82	PC 110191	Ring Fill 13mm Lg HDG (Small)	1/2 to 3/4 Bolt		4.10	1.86	REL
30.1500	9	PC 110653	Bolt Only 5/8x1-3/4" A325 Galv			2.07	.94	REL
30.1600	280	PC 110655	Bolt Only 5/8x2-1/4 in A325 Ga			78.40	35.56	REL
30.1700	13	PC 110707	Bolt Only 7/8 X 4 in A325 Galv			3.64	1.65	REL
30.1800	292	PC 110510	Lock Nut Pin Type 5/8 A325 HDG			35.04	15.89	REL

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Line				Item Number	Description	Drawing Number	Weight	Weight	ST
	Order	Num	Quantity	U/M				(LBS)	(KGS)	
	Line	U of	Part					Weight	Weight	
Number	Quan.	M	Number	Description	Additional Descripton	Number	(LBS)	(KGS)		
	30.1900	13	PC	110512	Lock Nut Pin Type 7/8 A325,HDG		3.90	1.77	REL	
	30.2000	316	PC	110205	Hardened Washer 5/8 (F436)	Galv	15.80	7.17	REL	
	30.2100	13	PC	110210	Hardened Washer 7/8 (F436)Galv		1.56	.71	REL	
	30.2200	25	PC	110247	U-Bt Assy 3/8x1-1/4 in C/C Gal		4.75	2.15	REL	
	30.2300	1	PC	07LA3	L102x102x6x506 (300W)	(L4x4x1/4x1'-8")	11.00	4.99	REL	
	30.2400	1	PC	LA010	LADDER 25 DIA RAIL X 3636		86.00	39.01	REL	
	30.2500	3	PC	110657	Bolt Only 5/8x2-3/4 in A325 Ga		.96	.44	REL	
	30.2600	13	PC	110248	U-Bt Assy 3/8x1-5/8 in C/C Gal		2.60	1.18	REL	
							<b>8,789.17</b>	<b>3,986.70</b>		

124 53546 10.0000 **NON-KIT MATERIALS - PHASE 1** REL

125 53546 20.0000 9 PC 110012 Bolt Assy 5/8x2-1/4 in A325 Ga 3.96 1.80 REL

53546 30.0000 9 PC 110510 Lock Nut Pin Type 5/8 A325 HDG 1.08 .49 REL

127 53546 40.0000 18 PC 110205 Hardened Washer 5/8 (F436) Galv .90 .41 REL

128 53546 50.0000 9 PC 110400 Bevel Washer 5/8 (Mall.) Galv 1.21 .55 REL

**D02 SECTIONS C/W ACCESSORIES**

Ref.	Order	Line			Item Number	Description	Drawing Number	Weight	Weight	ST	
		Num	Quantity	U/M				(LBS)	(KGS)		
129	53539	40.0000	<b>SECTIONS "2-5, 7-10, 12-14" STANDARD SECTION</b>								REL
130	53539	50.0000	<b>KIT#K07XH2 QUANTITY: ELEVEN KITS</b>								REL
131	53539	60.0000	11	PC	K07XH2	RT07X Hog Rod SR22 Leg SR95 Standard Sect Kit	07XH2-E01			REL	

Line	U of	Part	Item Number	Description	Additional Descripton	Drawing Number	Weight	Weight	ST
Number	Quan.	M					Number	Description	
60.0100	99	PC	07CN7	BAR 203x10x326 (300W)			1,287.71	584.10	REL
60.0200	198	PC	07DG5	SR 7/8 Hog Rod Weld't (350W)			6,067.50	2,752.20	REL
60.0300	198	PC	07HR4	L64x64x6x1980 (300W)	(L2 1/2x2 1/2x1/4x6'-6")		5,346.00	2,424.90	REL
60.0400	198	PC	07HR7	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		1,584.00	718.49	REL
60.0500	198	PC	07HR8	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		1,584.00	718.49	REL
60.0600	66	PC	07LA1	L 102x102x6x110 (300W)			132.00	59.87	REL
60.0700	27	PC	07LE11	SR 95x9090 (A572-GR50) Weld't			33,750.22	15,309.00	REL
60.0800	44	PC	91272X	LAD. SP 33 ODx2.5x260 (350W)			66.00	29.94	REL
60.0900	22	PC	LA007	LADDER 25 DIA RAIL X 4545	AT 425 C/C 19 DIA RUNGS 303clc		2,464.00	1,117.65	REL

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Line				Item Number	Description	Drawing Number	Weight	Weight	ST
	Order	Num	Quantity	U/M				(LBS)	(KGS)	
	Line	U of	Part				Weight	Weight		
	Number	Quan.	M	Number	Description	Additional Descripton	(LBS)	(KGS)		
	60.1000	726	PC	110191	Ring Fill 13mm Lg HDG (Small)	1/2 to 3/4 Bolt	36.30	16.47	REL	
	60.1100	143	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv		32.89	14.92	REL	
	60.1200	2805	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga		785.40	356.25	REL	
	60.1300	209	PC	110665	Bolt Only 3/4x3-1/2 in A325 Ga		121.22	54.98	REL	
	60.1400	2948	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		353.76	160.46	REL	
	60.1500	209	PC	110511	Lock Nut Pin Type 3/4 A325 HDG		39.71	18.01	REL	
	60.1600	3366	PC	110205	Hardened Washer 5/8 (F436)	Galv	168.30	76.34	REL	
	60.1700	209	PC	110208	Hardened Washer 3/4 (F436)	Galv	16.72	7.58	REL	
	60.1800	407	PC	110247	U-Bt Assy 3/8x1-1/4 in C/C Gal		77.33	35.08	REL	
	60.1900	143	PC	110248	U-Bt Assy 3/8x1-5/8 in C/C Gal		28.60	12.97	REL	
							<b>53,941.66</b>	<b>24,467.70</b>		

132	53539	130.0000			<b>SECTION "6" GUY SECTION</b>					REL
133	53539	140.0000			<b>KIT#K07XH8L3H0 QUANTITY: ONE KIT</b>					REL
134	53539	150.0000	1	PC	K07XH8L3H0	RT07X Hog Rod SR29 Guy Sect 27Deg,(0.813-0.875)UH,Leg SR95	07XH8L3H0-E01			REL

	Line	U of	Part				Weight	Weight	ST
	Number	Quan.	M	Number	Description	Additional Descripton	(LBS)	(KGS)	
	150.0100	9	PC	07CN2	Bar 152x16x64 (300W)		27.00	12.25	REL
	150.0200	9	PC	07CN8	BAR 229x10x326 (300W)		117.06	53.10	REL
	150.0300	12	PC	07DG6	SR 1 1/8 Hog Rod Weld't (350W)		521.17	236.40	REL
	150.0400	6	PC	07DG7	SR1 1/8 Hog Rod Weld't (350W)	Transition Hod Rod	259.26	117.60	REL
	150.0500	12	PC	07HR4	L64x64x6x1980 (300W)	(L2 1/2x2 1/2x1/4x6'-6")	324.00	146.96	REL
	150.0600	6	PC	07HR5	C150x19x1990 (300W)		484.13	219.60	REL
	150.0700	18	PC	07HR7	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")	144.00	65.32	REL
	150.0800	18	PC	07HR8	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")	144.00	65.32	REL
	150.0900	6	PC	07LA1	L 102x102x6x110 (300W)		12.00	5.44	REL
	150.1000	3	PC	07LE12	SR 95x9090 (A572-GR50) Weld't		3,888.91	1,764.00	REL
	150.1100	4	PC	91272X	LAD. SP 33 ODx2.5x260 (350W)		6.00	2.72	REL
	150.1200	2	PC	LA007	LADDER 25 DIA RAIL X 4545	AT 425 C/C 19 DIA RUNGS 303clc	224.00	101.60	REL
	150.1300	57	PC	110191	Ring Fill 13mm Lg HDG (Small)	1/2 to 3/4 Bolt	2.85	1.29	REL
	150.1400	9	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv		2.07	.94	REL
	150.1500	175	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga		49.00	22.23	REL
	150.1600	19	PC	110657	Bolt Only 5/8x2-3/4 in A325 Ga		6.08	2.76	REL



**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	
	Line Number	Quan.	U of M	Part Number	Description	Additional Descripton	Drawing Number	Weight (LBS)	Weight (KGS)	ST
	150.1700	25	PC	110664	Bolt Only 3/4 X 3 in A325 Galv			13.00	5.90	REL
	150.1800	19	PC	110665	Bolt Only 3/4x3-1/2 in A325 Ga			11.02	5.00	REL
	150.1900	13	PC	110704	Bolt Only 7/8x2-1/2 in A325 Ga			7.54	3.42	REL
	150.2000	50	PC	110667	Bolt Only 7/8x2-3/4 in A325 Ga			34.50	15.65	REL
	150.2100	203	PC	110510	Lock Nut Pin Type 5/8 A325 HDG			24.36	11.05	REL
	150.2200	44	PC	110511	Lock Nut Pin Type 3/4 A325 HDG			8.36	3.79	REL
	150.2300	63	PC	110512	Lock Nut Pin Type 7/8 A325,HDG			18.90	8.57	REL
	150.2400	244	PC	110205	Hardened Washer 5/8 (F436)	Galv		12.20	5.53	REL
	150.2500	44	PC	110208	Hardened Washer 3/4 (F436)	Galv		3.52	1.60	REL
	150.2600	88	PC	110210	Hardened Washer 7/8 (F436)Galv			10.56	4.79	REL
	150.2700	51	PC	110248	U-Bt Assy 3/8x1-5/8 in C/C Gal			10.20	4.63	REL
	150.2800	9	PC	110400	Bevel Washer 5/8 (Mall.) Galv			1.21	.55	REL
								<b>6,366.90</b>	<b>2,888.01</b>	

135	53539	160.0000			<b>SECTION "11"</b>					REL
					<b>GUY SECTION</b>					
136	53539	170.0000			<b>KIT#K07XH8L3H3</b>					REL
					<b>QUANTITY: ONE KIT</b>					
137	53539	180.0000	1	PC	K07XH8L3H3	RT07X Hog Rod SR29 Guy Sect 42Deg,(0.813-0.875)UH,Leg SR95	07XH8L3H3-E01			REL

Line Number	Quan.	U of M	Part Number	Description	Additional Descripton	Drawing Number	Weight (LBS)	Weight (KGS)	ST
180.0100	9	PC	07CN2	Bar 152x16x64 (300W)			27.00	12.25	REL
180.0200	9	PC	07CN8	BAR 229x10x326 (300W)			117.06	53.10	REL
180.0300	12	PC	07DG6	SR 1 1/8 Hog Rod Weld't (350W)			521.17	236.40	REL
180.0400	6	PC	07DG7	SR1 1/8 Hog Rod Weld't (350W)	Transition Hod Rod		259.26	117.60	REL
180.0500	12	PC	07HR4	L64x64x6x1980 (300W)	(L2 1/2x2 1/2x1/4x6'-6")		324.00	146.96	REL
180.0600	6	PC	07HR5	C150x19x1990 (300W)			484.13	219.60	REL
180.0700	18	PC	07HR7	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		144.00	65.32	REL
180.0800	18	PC	07HR8	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		144.00	65.32	REL
180.0900	6	PC	07LA1	L 102x102x6x110 (300W)			12.00	5.44	REL
180.1000	3	PC	07LE13	SR 95x9090 (A572-GR50) Weld't			3,888.91	1,764.00	REL
180.1100	4	PC	91272X	LAD. SP 33 ODx2.5x260 (350W)			6.00	2.72	REL
180.1200	2	PC	LA007	LADDER 25 DIA RAIL X 4545	AT 425 C/C 19 DIA RUNGS 303c/c		224.00	101.60	REL
180.1300	57	PC	110191	Ring Fill 13mm Lg HDG (Small)	1/2 to 3/4 Bolt		2.85	1.29	REL
180.1400	9	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv			2.07	.94	REL

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line			Item Number	Description	Drawing Number	Weight	Weight	ST
		Num	Quantity	U/M				(LBS)	(KGS)	
	Line	U of	Part			Drawing	Weight	Weight		
	Number	Quan.	M	Number	Description	Number	(LBS)	(KGS)		
	180.1500	175	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga		49.00	22.23	REL	
	180.1600	19	PC	110657	Bolt Only 5/8x2-3/4 in A325 Ga		6.08	2.76	REL	
	180.1700	25	PC	110664	Bolt Only 3/4 X 3 in A325 Galv		13.00	5.90	REL	
	180.1800	19	PC	110665	Bolt Only 3/4x3-1/2 in A325 Ga		11.02	5.00	REL	
	180.1900	13	PC	110704	Bolt Only 7/8x2-1/2 in A325 Ga		7.54	3.42	REL	
	180.2000	50	PC	110667	Bolt Only 7/8x2-3/4 in A325 Ga		34.50	15.65	REL	
	180.2100	203	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		24.36	11.05	REL	
	180.2200	44	PC	110511	Lock Nut Pin Type 3/4 A325 HDG		8.36	3.79	REL	
	180.2300	63	PC	110512	Lock Nut Pin Type 7/8 A325,HDG		18.90	8.57	REL	
	180.2400	244	PC	110205	Hardened Washer 5/8 (F436) Galv		12.20	5.53	REL	
	180.2500	44	PC	110208	Hardened Washer 3/4 (F436) Galv		3.52	1.60	REL	
	180.2600	88	PC	110210	Hardened Washer 7/8 (F436)Galv		10.56	4.79	REL	
	180.2700	51	PC	110248	U-Bt Assy 3/8x1-5/8 in C/C Gal		10.20	4.63	REL	
	180.2800	9	PC	110400	Bevel Washer 5/8 (Mall.) Galv		1.21	.55	REL	
							<b>6,366.90</b>	<b>2,888.01</b>		

**D04 TX LINE SUPPORTS**

Ref.	Order	Line			Item Number	Description	Drawing Number	Weight	Weight	ST
		Num	Quantity	U/M				(LBS)	(KGS)	
138	53803	5.0000			<b>TX LINE SUPPORT MATERIAL FOR PHASE 1</b>					REL
139	53803	10.0000	39	PC	NKHS20	L102x76x6x410 (300W)	NKHS20	300.93	136.50	REL
140	53803	20.0000	80	PC	NKHS21	L102x76x6x210 (300W)	NKHS21	317.46	144.00	REL
141	53803	30.0000	80	PC	NKHS22	L102x76x6x227 (300W)	NKHS22	335.10	152.00	REL
142	53803	40.0000	26	PC	NKHS23	L102x76x6x210 (300W)	NKHS23	103.18	46.80	REL
143	53803	50.0000	15	PC	NKHS24	L102x76x6x327 (300W)	NKHS24	92.59	42.00	REL
144	53803	55.0000	13	PC	NKHS25	L102x102x6x210 (300W)	NKHS25	60.19	27.30	REL
145	53803	70.0000	8	PC	NKHS26	L102x102x6x327 (300W)	NKHS26	56.44	25.60	REL
146	53803	80.0000	2	PC	NKHS27	L102x76x6x410 (300W)	NKHS27	15.43	7.00	REL
147	53803	90.0000	2	PC	NKHS28	L102x76x6x210 (300W)	NKHS28	7.94	3.60	REL
148	53803	100.0000	2	PC	NKHS29	L102x76x6x227 (300W)	NKHS29	8.38	3.80	REL
149	53803	110.0000	2	PC	NKHS30	L102x76x6x210 (300W)	NKHS30	7.94	3.60	REL

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	
150	53803	120.0000	1	PC	NKHS31	L102x76x6x327 (300W)	NKHS31	6.17	2.80	REL
151	53803	130.0000	11	PC	NKHS35	L102x76x6x162 (300W)	NKHS35	33.95	15.40	REL
152	53803	140.0000	5	PC	NKHS36	L102x102x6x162 (300W)	NKHS36	17.64	8.00	REL
153	53803	170.0000	1	PC	NKHS37	L102x76x6x162 (300W)	NKHS37	3.09	1.40	REL
154	53803	180.0000	623	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv		143.29	65.00	REL
155	53803	190.0000	23	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga		6.44	2.92	REL
156	53803	200.0000	646	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		77.52	35.16	REL
157	53803	210.0000	669	PC	110205	Hardened Washer 5/8 (F436) Galv		33.45	15.17	REL
*58	53803	220.0000	23	PC	110400	Bevel Washer 5/8 (Mall.) Galv		3.09	1.40	REL
*59	53803	230.0000	145	PC	110252	U-Bt Assy 3/8x2-13/16 inC/C Ga	91B017-M01	49.30	22.36	REL
160	53803	240.0000	22	PC	TX011B	PIPE 60 ODx4x9085 ASTM A53	N/A	2,340.80	1,061.77	REL

**D05 PLATFORMS**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST	
161	53624	10.0000				<b>REST PLATFORM MATERIAL</b>				REL	
162	53624	20.0000	2	PC	K07WA4	Grating1153x427 Weldt Type19-4 Rest Platform	07WA4			REL	
		<i>Line Number</i>	<i>U of Quan.</i>	<i>Part M</i>	<i>Part Number</i>	<i>Description</i>	<i>Additional Description</i>	<i>Drawing Number</i>	<i>Weight (LBS)</i>	<i>Weight (KGS)</i>	<i>ST</i>
		20.0100	2	PC	07WA4	GRATING PANEL 1153 x 427 Weldt		62.00	28.12	REL	
		20.0200	10	PC	110084	Bolt Assy 5/16x1-1/4 in Gr5 Ga		.30	.14	REL	
		20.0300	10	PC	110367	Grating Clamp Parts, H.D.G.	Top & bottom clip, no hardware	.30	.14	REL	
		20.0400	10	PC	110950	Hardened Washer 3/8 (F436) Galv		.80	.36	REL	
								<b>63.40</b>	<b>28.76</b>		

**PHASE 2**

**E01 SECTIONS C/W ACCESSORIES**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
163	53593	10.0000				<b>SECTIONS "15, 17-20" STANDARD SECTION</b>				REL
164	53593	20.0000				<b>KIT#K07XF2 QUANTITY: FIVE KITS</b>				REL
165	53593	30.0000	5	PC	K07XF2	RT07X Hog Rod SR22 Leg SR83 Standard Sect Kit	07XF2-E01			REL



**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Line			U/M	Item Number	Description	Drawing Number	Weight	Weight	ST
	Order	Num	Quantity					(LBS)	(KGS)	
	Line	U of	Part		Description	Additional Descripiton	Drawing	Weight	Weight	
	Number	Quan.	M	Number			Number	(LBS)	(KGS)	
	30.0100	45	PC	07CN7	BAR 203x10x326 (300W)			585.32	265.50	REL
	30.0200	90	PC	07DG5	SR 7/8 Hog Rod Weld't (350W)			2,757.95	1,251.00	REL
	30.0300	90	PC	07HR4	L64x64x6x1980 (300W)	(L2 1/2x2 1/2x1/4x6'-6")		2,430.00	1,102.23	REL
	30.0400	90	PC	07HR7	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		720.00	326.59	REL
	30.0500	90	PC	07HR8	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		720.00	326.59	REL
	30.0600	30	PC	07LA1	L 102x102x6x110 (300W)			60.00	27.22	REL
	30.0700	12	PC	07LE14	SR 83x9090 (A572-GR50) Weld't			11,878.38	5,388.00	REL
	30.0800	20	PC	91272X	LAD. SP 33 ODx2.5x260 (350W)			30.00	13.61	REL
	30.0900	10	PC	LA007	LADDER 25 DIA RAIL X 4545	AT 425 C/C 19 DIA RUNGS 303c/c		1,120.00	508.02	REL
	30.1000	330	PC	110191	Ring Fill 13mm Lg HDG (Small)	1/2 to 3/4 Bolt		16.50	7.48	REL
	30.1100	65	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv			14.95	6.78	REL
	30.1200	1275	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga			357.00	161.93	REL
	30.1300	95	PC	110665	Bolt Only 3/4x3-1/2 in A325 Ga			55.10	24.99	REL
	30.1400	1340	PC	110510	Lock Nut Pin Type 5/8 A325 HDG			160.80	72.94	REL
	30.1500	95	PC	110511	Lock Nut Pin Type 3/4 A325 HDG			18.05	8.19	REL
	30.1600	1530	PC	110205	Hardened Washer 5/8 (F436)	Galv		76.50	34.70	REL
	30.1700	95	PC	110208	Hardened Washer 3/4 (F436)	Galv		7.60	3.45	REL
	30.1800	185	PC	110247	U-Bt Assy 3/8x1-1/4 in C/C Gal			35.15	15.94	REL
	30.1900	65	PC	110248	U-Bt Assy 3/8x1-5/8 in C/C Gal			13.00	5.90	REL
								<b>21,056.30</b>	<b>9,551.06</b>	

166	53593	40.0000				<b>SECTION "16" GUY SECTION</b>				REL
167	53593	50.0000				<b>KIT#K07XF8L3I5 QUANTITY: ONE KIT</b>				REL
168	53593	60.0000	1	PC	K07XF8L3I5	RT07X Hog Rod SR29 Guy Sect 52Deg,(0.938-1.0)UH,Leg SR83	07XF8L3I5-E01			REL

	Line	U of	Part		Description	Additional Descripiton	Drawing	Weight	Weight	ST
	Number	Quan.	M	Number			Number	(LBS)	(KGS)	
	60.0100	9	PC	07CN2	Bar 152x16x64 (300W)			27.00	12.25	REL
	60.0200	9	PC	07CN8	BAR 229x10x326 (300W)			117.06	53.10	REL
	60.0300	12	PC	07DG6	SR 1 1/8 Hog Rod Weld't (350W)			521.17	236.40	REL
	60.0400	6	PC	07DG7	SR1 1/8 Hog Rod Weld't (350W)	Transition Hod Rod		259.26	117.60	REL
	60.0500	12	PC	07HR4	L64x64x6x1980 (300W)	(L2 1/2x2 1/2x1/4x6'-6")		324.00	146.96	REL
	60.0600	6	PC	07HR5	C150x19x1990 (300W)			484.13	219.60	REL
	60.0700	18	PC	07HR7	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		144.00	65.32	REL

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line			Item Number	Description	Drawing Number	Weight	Weight	ST
		Num	Quantity	U/M				(LBS)	(KGS)	
	Line	U of	Part			Drawing	Weight	Weight		
	Number	Quan.	M	Number	Description	Number	(LBS)	(KGS)		
	60.0800	18	PC	07HR8	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")	144.00	65.32	REL	
	60.0900	6	PC	07LA1	L 102x102x6x110 (300W)		12.00	5.44	REL	
	60.1000	3	PC	07LE15	SR 83x9090 (A572-GR50) Weld't		3,075.42	1,395.00	REL	
	60.1100	4	PC	91272X	LAD. SP 33 ODx2.5x260 (350W)		6.00	2.72	REL	
	60.1200	2	PC	LA007	LADDER 25 DIA RAIL X 4545	AT 425 C/C 19 DIA RUNGS 303c/c	224.00	101.60	REL	
	60.1300	57	PC	110191	Ring Fill 13mm Lg HDG (Small)	1/2 to 3/4 Bolt	2.85	1.29	REL	
	60.1400	9	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv		2.07	.94	REL	
	60.1500	175	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga		49.00	22.23	REL	
	60.1600	19	PC	110657	Bolt Only 5/8x2-3/4 in A325 Ga		6.08	2.76	REL	
	60.1700	25	PC	110664	Bolt Only 3/4 X 3 in A325 Galv		13.00	5.90	REL	
	60.1800	19	PC	110665	Bolt Only 3/4x3-1/2 in A325 Ga		11.02	5.00	REL	
	60.1900	13	PC	110704	Bolt Only 7/8x2-1/2 in A325 Ga		7.54	3.42	REL	
	60.2000	50	PC	110667	Bolt Only 7/8x2-3/4 in A325 Ga		34.50	15.65	REL	
	60.2100	203	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		24.36	11.05	REL	
	60.2200	44	PC	110511	Lock Nut Pin Type 3/4 A325 HDG		8.36	3.79	REL	
	60.2300	63	PC	110512	Lock Nut Pin Type 7/8 A325,HDG		18.90	8.57	REL	
	60.2400	244	PC	110205	Hardened Washer 5/8 (F436)	Galv	12.20	5.53	REL	
	60.2500	44	PC	110208	Hardened Washer 3/4 (F436)	Galv	3.52	1.60	REL	
	60.2600	88	PC	110210	Hardened Washer 7/8 (F436)Galv		10.56	4.79	REL	
	60.2700	51	PC	110248	U-Bt Assy 3/8x1-5/8 in C/C Gal		10.20	4.63	REL	
	60.2800	9	PC	110400	Bevel Washer 5/8 (Mall.) Galv		1.21	.55	REL	
							<b>5,553.41</b>	<b>2,519.01</b>		

169	53593	70.0000			<b>SECTION "21"</b>					REL
					<b>GUY SECTION</b>					
170	53593	80.0000			<b>KIT#K07XF8M514</b>					REL
					<b>QUANTITY: ONE KIT</b>					
171	53593	90.0000	1	PC	K07XF8M514	RT07X Hog Rod SR29 Guy Sect 47Deg,(0.938-1.0)UH,Leg SR83	07XF8M514-E01			REL

	Line	U of	Part			Drawing	Weight	Weight	
	Number	Quan.	M	Number	Description	Number	(LBS)	(KGS)	ST
	90.0100	9	PC	07CN2	Bar 152x16x64 (300W)		27.00	12.25	REL
	90.0200	9	PC	07CN8	BAR 229x10x326 (300W)		117.06	53.10	REL
	90.0300	18	PC	07DG6	SR 1 1/8 Hog Rod Weld't (350W)		781.75	354.60	REL
	90.0400	12	PC	07HR4	L64x64x6x1980 (300W)	(L2 1/2x2 1/2x1/4x6'-6")	324.00	146.96	REL
	90.0500	6	PC	07HR5	C150x19x1990 (300W)		484.13	219.60	REL

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
	Line Number	U of M	Part Number		Description	Additional Descripton	Drawing Number	Weight (LBS)	Weight (KGS)	
	90.0600	18	PC	07HR7	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		144.00	65.32	REL
	90.0700	18	PC	07HR8	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		144.00	65.32	REL
	90.0800	6	PC	07LA1	L 102x102x6x110 (300W)			12.00	5.44	REL
	90.0900	3	PC	07LE16	SR 83x9090 (A572-GR50) Weld't			3,075.42	1,395.00	REL
	90.1000	4	PC	91272X	LAD. SP 33 ODx2.5x260 (350W)			6.00	2.72	REL
	90.1100	2	PC	LA007	LADDER 25 DIA RAIL X 4545	AT 425 C/C 19 DIA RUNGS 303c/c		224.00	101.60	REL
	90.1200	12	PC	110191	Ring Fill 13mm Lg HDG (Small)	1/2 to 3/4 Bolt		.60	.27	REL
	90.1300	9	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv			2.07	.94	REL
	90.1400	162	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga			45.36	20.57	REL
	90.1500	19	PC	110657	Bolt Only 5/8x2-3/4 in A325 Ga			6.08	2.76	REL
	90.1600	25	PC	110664	Bolt Only 3/4 X 3 in A325 Galv			13.00	5.90	REL
	90.1700	19	PC	110665	Bolt Only 3/4x3-1/2 in A325 Ga			11.02	5.00	REL
	90.1800	25	PC	110704	Bolt Only 7/8x2-1/2 in A325 Ga			14.50	6.58	REL
	90.1900	50	PC	110667	Bolt Only 7/8x2-3/4 in A325 Ga			34.50	15.65	REL
	90.2000	190	PC	110510	Lock Nut Pin Type 5/8 A325 HDG			22.80	10.34	REL
	90.2100	44	PC	110511	Lock Nut Pin Type 3/4 A325 HDG			8.36	3.79	REL
	90.2200	75	PC	110512	Lock Nut Pin Type 7/8 A325,HDG			22.50	10.21	REL
	90.2300	235	PC	110205	Hardened Washer 5/8 (F436)	Galv		11.75	5.33	REL
	90.2400	44	PC	110208	Hardened Washer 3/4 (F436)	Galv		3.52	1.60	REL
	90.2500	101	PC	110210	Hardened Washer 7/8 (F436)Galv			12.12	5.50	REL
	90.2600	51	PC	110248	U-Bt Assy 3/8x1-5/8 in C/C Gal			10.20	4.63	REL
	90.2700	9	PC	110400	Bevel Washer 5/8 (Mall.) Galv			1.21	.55	REL
								<b>5,558.95</b>	<b>2,521.53</b>	

172 53593 100.0000 SECTION "22" TRANSITION SECTION REL

173 53593 110.0000 KIT#K07XF8K QUANTITY: ONE KIT REL

174 53593 120.0000 1 PC K07XF8K RT07X Hog Rod SR29 Leg SR83 07XF8K-E01 Transition Sect Kit REL

Line Number	U of M	Part Number	Description	Additional Descripton	Drawing Number	Weight (LBS)	Weight (KGS)	ST
120.0100	9	PC	07CN8	BAR 229x10x326 (300W)		117.06	53.10	REL
120.0200	12	PC	07DG6	SR 1 1/8 Hog Rod Weld't (350W)		521.17	236.40	REL
120.0300	6	PC	07DG7	SR1 1/8 Hog Rod Weld't (350W)	Transition Hod Rod	259.26	117.60	REL
120.0400	18	PC	07HR4	L64x64x6x1980 (300W)	(L2 1/2x2 1/2x1/4x6'-6")	486.00	220.45	REL



**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

ASAMY

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
	Line Number	U of	Part		Description	Additional Description	Drawing Number	Weight (LBS)	Weight (KGS)	
	120.0500	18	PC	07HR7	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		144.00	65.32	REL
	120.0600	18	PC	07HR8	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		144.00	65.32	REL
	120.0700	6	PC	07LA1	L 102x102x6x110 (300W)			12.00	5.44	REL
	120.0800	3	PC	07LE17	SR 83x9090 (A572-GR50) Weld't			2,996.05	1,359.00	REL
	120.0900	4	PC	91272X	LAD. SP 33 ODx2.5x260 (350W)			6.00	2.72	REL
	120.1000	2	PC	LA007	LADDER 25 DIA RAIL X 4545	AT 425 CIC 19 DIA RUNGS 303c/c		224.00	101.60	REL
	120.1100	65	PC	110191	Ring Fill 13mm Lg HDG (Small)	1/2 to 3/4 Bolt		3.25	1.47	REL
	120.1200	13	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv			2.99	1.36	REL
	120.1300	192	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga			53.76	24.39	REL
	120.1400	19	PC	110665	Bolt Only 3/4x3-1/2 in A325 Ga			11.02	5.00	REL
	120.1500	63	PC	110704	Bolt Only 7/8x2-1/2 in A325 Ga			36.54	16.57	REL
	120.1600	205	PC	110510	Lock Nut Pin Type 5/8 A325 HDG			24.60	11.16	REL
	120.1700	19	PC	110511	Lock Nut Pin Type 3/4 A325 HDG			3.61	1.64	REL
	120.1800	63	PC	110512	Lock Nut Pin Type 7/8 A325,HDG			18.90	8.57	REL
	120.1900	255	PC	110205	Hardened Washer 5/8 (F436)	Galv		12.75	5.78	REL
	120.2000	19	PC	110208	Hardened Washer 3/4 (F436)	Galv		1.52	.69	REL
	120.2100	63	PC	110210	Hardened Washer 7/8 (F436)Galv			7.56	3.43	REL
	120.2200	51	PC	110248	U-Bt Assy 3/8x1-5/8 in CIC Gal			10.20	4.63	REL
								<b>5,096.24</b>	<b>2,311.64</b>	

**E03 TX LINE SUPPORTS**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
175	53804	10.0000				<b>TX LINE SUPPORT MATERIAL FOR PHASE 2</b>				REL
176	53804	20.0000	22	PC	NKHS20	L102x76x6x410 (300W)	NKHS20	169.75	77.00	REL
177	53804	30.0000	46	PC	NKHS21	L102x76x6x210 (300W)	NKHS21	182.54	82.80	REL
178	53804	40.0000	26	PC	NKHS22	L102x76x6x227 (300W)	NKHS22	108.91	49.40	REL
179	53804	50.0000	14	PC	NKHS23	L102x76x6x210 (300W)	NKHS23	55.56	25.20	REL
180	53804	60.0000	8	PC	NKHS25	L102x102x6x210 (300W)	NKHS25	37.04	16.80	REL
181	53804	70.0000	2	PC	NKHS27	L102x76x6x410 (300W)	NKHS27	15.43	7.00	REL
182	53804	80.0000	2	PC	NKHS28	L102x76x6x210 (300W)	NKHS28	7.94	3.60	REL
183	53804	90.0000	1	PC	NKHS29	L102x76x6x227 (300W)	NKHS29	4.19	1.90	REL

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

ASAMY

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	
184	53804	100.0000	1	PC	NKHS30	L102x76x6x210 (300W)	NKHS30	3.97	1.80	REL
185	53804	100.1000	1	PC	NKHS30	L102x76x6x210 (300W)	NKHS30	3.97	1.80	REL
186	53804	110.0000	20	PC	NKHS32	L102x76x6x127 (300W)	NKHS32	48.50	22.00	REL
187	53804	120.0000	1	PC	NKHS33	L102x76x6x127 (300W)	NKHS33	2.43	1.10	REL
188	53804	130.0000	5	PC	NKHS35	L102x76x6x162 (300W)	NKHS35	15.43	7.00	REL
189	53804	130.1000	2	PC	NKHS35	L102x76x6x162 (300W)	NKHS35	6.17	2.80	REL
190	53804	140.0000	5	PC	NKHS36	L102x102x6x162 (300W)	NKHS36	17.64	8.00	REL
191	53804	150.0000	1	PC	NKHS37	L102x76x6x162 (300W)	NKHS37	3.09	1.40	REL
192	53804	160.0000	334	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv		76.82	34.84	REL
193	53804	170.0000	21	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga		5.88	2.67	REL
194	53804	180.0000	355	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		42.60	19.32	REL
195	53804	190.0000	376	PC	110205	Hardened Washer 5/8 (F436) Galv		18.80	8.53	REL
196	53804	200.0000	21	PC	110400	Bevel Washer 5/8 (Mall.) Galv		2.82	1.28	REL
197	53804	210.0000	55	PC	110252	U-Bt Assy 3/8x2-13/16 inC/C Ga	91B017-M01	18.70	8.48	REL
198	53804	220.0000	4	PC	TX011B	PIPE 60 ODx4x9085 ASTM A53	N/A	425.60	193.05	REL

**E04 PLATFORMS**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST	
199	53626	10.0000				<b>REST PLATFORM MATERIAL</b>				REL	
200	53626	20.0000	4	PC	K07WA4	Grating1153x427 Weldt Type19-4 Rest Platform	07WA4			REL	
		<i>Line Number</i>	<i>U of Quan.</i>	<i>Part M</i>	<i>Part Number</i>	<i>Description</i>	<i>Additional Descripton</i>	<i>Drawing Number</i>	<i>Weight (LBS)</i>	<i>Weight (KGS)</i>	<i>ST</i>
		20.0100	2	PC	07WA4	GRATING PANEL 1153 x 427 Weldt		62.00	28.12	REL	
		20.0200	20	PC	110084	Bolt Assy 5/16x1-1/4 in Gr5 Ga		.60	.27	REL	
		20.0300	20	PC	110367	Grating Clamp Parts, H.D.G.	Top & bottom clip, no hardware	.60	.27	REL	
		20.0400	20	PC	110950	Hardened Washer 3/8 (F436)	Galv	1.60	.73	REL	
								<b>64.80</b>	<b>29.39</b>		

**ASE 3**

**F01 SECTIONS C/W ACCESSORIES**

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
201	53598	10.0000				<b>SECTIONS "23-25, 29-30"</b>				REL
						<b>STANDARD SECTION</b>				
202	53598	20.0000				<b>KIT#K07XE2</b>				REL
						<b>QUANTITY: FIVE KITS</b>				
203	53598	30.0000	5	PC	K07XE2	RT07X Hog Rod SR22 Leg SR76 Standard Sect Kit	07XE2-E01			REL

Line Number	U of M	Part Number	Description	Additional Descripton	Drawing Number	Weight (LBS)	Weight (KGS)	ST
30.0100	45	PC 07CN7	BAR 203x10x326 (300W)			585.32	265.50	REL
30.0200	90	PC 07DG5	SR 718 Hog Rod Weld't (350W)			2,757.95	1,251.00	REL
30.0300	90	PC 07HR4	L64x64x6x1980 (300W)	(L2 1/2x2 1/2x1/4x6'-6")		2,430.00	1,102.23	REL
30.0400	90	PC 07HR7	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		720.00	326.59	REL
30.0500	90	PC 07HR8	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		720.00	326.59	REL
30.0600	30	PC 07LA1	L 102x102x6x110 (300W)			60.00	27.22	REL
30.0700	11	PC 07LE18	SR 76x9090 (A572-GR50) Weld't			9,554.74	4,334.00	REL
30.0800	20	PC 91272X	LAD. SP 33 ODx2.5x260 (350W)			30.00	13.61	REL
30.0900	10	PC LA007	LADDER 25 DIA RAIL X 4545	AT 425 CIC 19 DIA RUNGS 303c/c		1,120.00	508.02	REL
30.1000	330	PC 110191	Ring Fill 13mm Lg HDG (Small)	1/2 to 3/4 Bolt		16.50	7.48	REL
30.1100	65	PC 110653	Bolt Only 5/8x1-3/4" A325 Galv			14.95	6.78	REL
30.1200	1275	PC 110655	Bolt Only 5/8x2-1/4 in A325 Ga			357.00	161.93	REL
30.1300	95	PC 110665	Bolt Only 3/4x3-1/2 in A325 Ga			55.10	24.99	REL
30.1400	1340	PC 110510	Lock Nut Pin Type 5/8 A325 HDG			160.80	72.94	REL
30.1500	95	PC 110511	Lock Nut Pin Type 3/4 A325 HDG			18.05	8.19	REL
30.1600	1530	PC 110205	Hardened Washer 5/8 (F436)	Galv		76.50	34.70	REL
30.1700	95	PC 110208	Hardened Washer 3/4 (F436)	Galv		7.60	3.45	REL
30.1800	185	PC 110247	U-Bt Assy 3/8x1-1/4 in CIC Gal			35.15	15.94	REL
30.1900	65	PC 110248	U-Bt Assy 3/8x1-5/8 in CIC Gal			13.00	5.90	REL
						<b>18,732.66</b>	<b>8,497.06</b>	

204	53598	40.0000				<b>SECTION "26"</b>				REL
						<b>TRANSITION SECTION</b>				
205	53598	50.0000				<b>KIT#K07XE8J</b>				REL
						<b>QUANTITY: ONE KIT</b>				
206	53598	60.0000	1	PC	K07XE8J	RT07X Hog Rod SR29 Leg SR76 Transition Sect Kit	07XE8J-E01			REL

Line Number	U of M	Part Number	Description	Additional Descripton	Drawing Number	Weight (LBS)	Weight (KGS)	ST
60.0100	9	PC 07CN8	BAR 229x10x326 (300W)			117.06	53.10	REL
60.0200	18	PC 07DG6	SR 1 118 Hog Rod Weld't (350W)			781.75	354.60	REL



**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

ASAMY

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
	Line Number	U of M	Part Number		Description	Additional Description	Drawing Number	Weight (LBS)	Weight (KGS)	
	60.0300	18	PC	07HR4	L64x64x6x1980 (300W)	(L2 1/2x2 1/2x1/4x6'-6")		486.00	220.45	REL
	60.0400	18	PC	07HR7	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		144.00	65.32	REL
	60.0500	18	PC	07HR8	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")		144.00	65.32	REL
	60.0600	6	PC	07LA1	L 102x102x6x110 (300W)			12.00	5.44	REL
	60.0700	3	PC	07LE19	SR 76x9090 (A572-GR50) Weld't			2,625.68	1,191.00	REL
	60.0800	4	PC	91272X	LAD. SP 33 ODx2.5x260 (350W)			6.00	2.72	REL
	60.0900	2	PC	LA007	LADDER 25 DIA RAIL X 4545	AT 425 CIC 19 DIA RUNGS 303clc		224.00	101.60	REL
	60.1000	66	PC	110191	Ring Fill 13mm Lg HDG (Small)	1/2 to 3/4 Bolt		3.30	1.50	REL
	60.1100	13	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv			2.99	1.36	REL
	60.1200	180	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga			50.40	22.86	REL
	60.1300	19	PC	110665	Bolt Only 3/4x3-1/2 in A325 Ga			11.02	5.00	REL
	60.1400	76	PC	110704	Bolt Only 7/8x2-1/2 in A325 Ga			44.08	19.99	REL
	60.1500	193	PC	110510	Lock Nut Pin Type 5/8 A325 HDG			23.16	10.51	REL
	60.1600	19	PC	110511	Lock Nut Pin Type 3/4 A325 HDG			3.61	1.64	REL
	60.1700	76	PC	110512	Lock Nut Pin Type 7/8 A325,HDG			22.80	10.34	REL
	60.1800	230	PC	110205	Hardened Washer 5/8 (F436)	Galv		11.50	5.22	REL
	60.1900	19	PC	110208	Hardened Washer 3/4 (F436)	Galv		1.52	.69	REL
	60.2000	76	PC	110210	Hardened Washer 7/8 (F436)Galv			9.12	4.14	REL
	60.2100	51	PC	110248	U-BI Assy 3/8x1-5/8 in CIC Gal			10.20	4.63	REL
								<b>4,734.19</b>	<b>2,147.43</b>	

207 53598 70.0000 SECTION "27" GUY SECTION REL

208 53598 80.0000 KIT#K07XE8G3K5 QUANTITY: ONE KIT REL

209 53598 90.0000 1 PC K07XE8G3K5 RT07X Hog Rod SR29 Guy Sect 07XE8G3K5-E01 REL  
 52Deg.(1.188-1.25)UH,Leg SR76

Line Number	U of M	Part Number	Description	Additional Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
90.0100	9	PC	07CN2	Bar 152x16x64 (300W)		27.00	12.25	REL
90.0200	9	PC	07CN8	BAR 229x10x326 (300W)		117.06	53.10	REL
90.0300	18	PC	07DG6	SR 1 1/8 Hog Rod Weld't (350W)		781.75	354.60	REL
90.0400	12	PC	07HR4	L64x64x6x1980 (300W)	(L2 1/2x2 1/2x1/4x6'-6")	324.00	146.96	REL
90.0500	6	PC	07HR5	C150x19x1990 (300W)		484.13	219.60	REL
90.0600	18	PC	07HR7	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")	144.00	65.32	REL
90.0700	18	PC	07HR8	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")	144.00	65.32	REL

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
	Line Number	U of M	Part Number		Description	Additional Descripition	Drawing Number	Weight (LBS)	Weight (KGS)	
	90.0800	6	PC	07LA1	L 102x102x6x110 (300W)			12.00	5.44	REL
	90.0900	3	PC	07LE20	SR 76x9090 (A572-GR50) Weld't			2,830.71	1,284.00	REL
	90.1000	4	PC	91272X	LAD. SP 33 ODx2.5x260 (350W)			6.00	2.72	REL
	90.1100	2	PC	LA007	LADDER 25 DIA RAIL X 4545	AT 425 CIC 19 DIA RUNGS 303c/c		224.00	101.60	REL
	90.1200	57	PC	110191	Ring Fill 13mm Lg HDG (Small)	1/2 to 3/4 Bolt		2.85	1.29	REL
	90.1300	9	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv			2.07	.94	REL
	90.1400	162	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga			45.36	20.57	REL
	90.1500	19	PC	110657	Bolt Only 5/8x2-3/4 in A325 Ga			6.08	2.76	REL
	90.1600	25	PC	110664	Bolt Only 3/4 X 3 in A325 Galv			13.00	5.90	REL
	90.1700	19	PC	110665	Bolt Only 3/4x3-1/2 in A325 Ga			11.02	5.00	REL
	90.1800	25	PC	110704	Bolt Only 7/8x2-1/2 in A325 Ga			14.50	6.58	REL
	90.1900	50	PC	110667	Bolt Only 7/8x2-3/4 in A325 Ga			34.50	15.65	REL
	90.2000	190	PC	110510	Lock Nut Pin Type 5/8 A325 HDG			22.80	10.34	REL
	90.2100	44	PC	110511	Lock Nut Pin Type 3/4 A325 HDG			8.36	3.79	REL
	90.2200	75	PC	110512	Lock Nut Pin Type 7/8 A325,HDG			22.50	10.21	REL
	90.2300	231	PC	110205	Hardened Washer 5/8 (F436)	Galv		11.55	5.24	REL
	90.2400	44	PC	110208	Hardened Washer 3/4 (F436)	Galv		3.52	1.60	REL
	90.2500	101	PC	110210	Hardened Washer 7/8 (F436)Galv			12.12	5.50	REL
	90.2600	51	PC	110248	U-Bt Assy 3/8x1-5/8 in CIC Gal			10.20	4.63	REL
	90.2700	9	PC	110400	Bevel Washer 5/8 (Mall.) Galv			1.21	.55	REL
								<b>5,316.29</b>	<b>2,411.46</b>	

210	53598	100.0000			<b>SECTION "28"</b>					REL
					<b>TRANSITION SECTION</b>					
211	53598	110.0000			<b>KIT#K07XE8K</b>					REL
					<b>QUANTITY: ONE KIT</b>					
212	53598	120.0000	1	PC	K07XE8K	RT07X Hog Rod SR29 Leg SR76 Transition Sect Kit	07XE8K-E01			REL

Line Number	U of M	Part Number	Description	Additional Descripition	Drawing Number	Weight (LBS)	Weight (KGS)	ST
120.0100	9	PC	07CN8	BAR 229x10x326 (300W)		117.06	53.10	REL
120.0200	12	PC	07DG6	SR 1 1/8 Hog Rod Weld't (350W)		521.17	236.40	REL
120.0300	6	PC	07DG7	SR1 1/8 Hog Rod Weld't (350W)	Transition Hod Rod	259.26	117.60	REL
120.0400	18	PC	07HR4	L64x64x6x1980 (300W)	(L2 1/2x2 1/2x14x6'-6")	486.00	220.45	REL
120.0500	18	PC	07HR7	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")	144.00	65.32	REL
120.0600	18	PC	07HR8	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")	144.00	65.32	REL

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line			Item Number	Description	Drawing Number	Weight	Weight	ST
		Num	Quantity	U/M				(LBS)	(KGS)	
		Line	U of	Part				Weight	Weight	
Number	Quan.	M	Number	Description	Additional Descripton	Number	(LBS)	(KGS)		
	120.0700	6	PC	07LA1	L 102x102x6x110 (300W)		12.00	5.44	REL	
	120.0800	3	PC	07LE21	SR 76x9090 (A572-GR50) Weld't		2,625.68	1,191.00	REL	
	120.0900	4	PC	91272X	LAD. SP 33 ODx2.5x260 (350W)		6.00	2.72	REL	
	120.1000	2	PC	LA007	LADDER 25 DIA RAIL X 4545	AT 425 C/C 19 DIA RUNGS 303c/c	224.00	101.60	REL	
	120.1100	65	PC	110191	Ring Fill 13mm Lg HDG (Small)	1/2 to 3/4 Bolt	3.25	1.47	REL	
	120.1200	13	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv		2.99	1.36	REL	
	120.1300	192	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga		53.76	24.39	REL	
	120.1400	19	PC	110665	Bolt Only 3/4x3-1/2 in A325 Ga		11.02	5.00	REL	
	120.1500	63	PC	110704	Bolt Only 7/8x2-1/2 in A325 Ga		36.54	16.57	REL	
	120.1600	205	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		24.60	11.16	REL	
	120.1700	19	PC	110511	Lock Nut Pin Type 3/4 A325 HDG		3.61	1.64	REL	
	120.1800	63	PC	110512	Lock Nut Pin Type 7/8 A325,HDG		18.90	8.57	REL	
	120.1900	243	PC	110205	Hardened Washer 5/8 (F436)	Galv	12.15	5.51	REL	
	120.2000	19	PC	110208	Hardened Washer 3/4 (F436)	Galv	1.52	.69	REL	
	120.2100	63	PC	110210	Hardened Washer 7/8 (F436)Galv		7.56	3.43	REL	
	120.2200	51	PC	110248	U-Bt Assy 3/8x1-5/8 in C/C Gal		10.20	4.63	REL	
							<b>4,725.27</b>	<b>2,143.37</b>		

**F03 TX LINE SUPPORTS**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
213	53806	10.0000				<b>TX LINE SUPPORT MATERIAL FOR PHASE 3</b>				REL
214	53806	20.0000	13	PC	NKHS20	L102x76x6x410 (300W)	NKHS20	100.31	45.50	REL
215	53806	30.0000	46	PC	NKHS21	L102x76x6x210 (300W)	NKHS21	182.54	82.80	REL
216	53806	35.0000	15	PC	NKHS23	L102x76x6x210 (300W)	NKHS23	59.52	27.00	REL
217	53806	50.0000	8	PC	NKHS25	L102x102x6x210 (300W)	NKHS25	37.04	16.80	REL
218	53806	60.0000	1	PC	NKHS27	L102x76x6x410 (300W)	NKHS27	7.72	3.50	REL
219	53806	70.0000	1	PC	NKHS28	L102x76x6x210 (300W)	NKHS28	3.97	1.80	REL
220	53806	80.0000	1	PC	NKHS30	L102x76x6x210 (300W)	NKHS30	3.97	1.80	REL
221	53806	90.0000	11	PC	NKHS32	L102x76x6x127 (300W)	NKHS32	26.68	12.10	REL
222	53806	100.0000	10	PC	NKHS34	L102x76x6x210 (300W)	NKHS34	39.68	18.00	REL



**RADIAN COMMUNICATION SERVICES**

**Materials List**

2/9/2004 13:56:39

R55MATLIS RCS0002

ASAMY

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	REL
223	53806	110.0000	230	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv		52.90	24.00	REL
224	53806	120.0000	8	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga		2.24	1.02	REL
225	53806	130.0000	238	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		28.56	12.95	REL
226	53806	140.0000	245	PC	110205	Hardened Washer 5/8 (F436) Galv		12.25	5.56	REL
227	53806	150.0000	8	PC	110400	Bevel Washer 5/8 (Mall.) Galv		1.07	.49	REL
228	53806	160.0000	35	PC	110252	U-Bt Assy 3/8x2-13/16 inC/C Ga	91B017-M01	11.90	5.40	REL

**F04 PLATFORMS**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST	
229	53627	10.0000				<b>REST PLATFORM MATERIAL</b>				REL	
230	53627	20.0000	3	PC	K07WA4	Grating1153x427 Weldt Type19-4 Rest Platform	07WA4			REL	
		<i>Line Number</i>	<i>U of Quan.</i>	<i>Part M</i>	<i>Part Number</i>	<i>Description</i>	<i>Additional Descripton</i>	<i>Drawing Number</i>	<i>Weight (LBS)</i>	<i>Weight (KGS)</i>	<i>ST</i>
		20.0100	3	PC	07WA4	GRATING PANEL 1153 x 427 Weldt		93.00	42.18	REL	
		20.0200	15	PC	110084	Bolt Assy 5/16x1-1/4 in Gr5 Ga		.45	.20	REL	
		20.0300	15	PC	110367	Grating Clamp Parts, H.D.G.	Top & bottom clip, no hardware	.45	.20	REL	
		20.0400	15	PC	110950	Hardened Washer 3/8 (F436) Galv		1.20	.54	REL	
								<b>95.10</b>	<b>43.12</b>		

**TOP PHASE**

**J01 SECTIONS C/W ACCESSORIES**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST	
231	53773	10.0000				<b>SECTION "31" STANDARD SECTION</b>				REL	
232	53773	20.0000				<b>KIT#K07XE2 QUANTITY: ONE KIT</b>				REL	
233	53773	30.0000	1	PC	K07XE2	RT07X Hog Rod SR22 Leg SR76 Standard Sect Kit	07XE2-E01			REL	
		<i>Line Number</i>	<i>U of Quan.</i>	<i>Part M</i>	<i>Part Number</i>	<i>Description</i>	<i>Additional Descripton</i>	<i>Drawing Number</i>	<i>Weight (LBS)</i>	<i>Weight (KGS)</i>	<i>ST</i>
		30.0100	9	PC	07CN7	BAR 229x10x326 (300W)		117.06	53.10	REL	
		30.0200	18	PC	07DG5	SR 7/8 Hog Rod Weld't (350W)		551.59	250.20	REL	
		30.0300	18	PC	07HR4	L64x64x6x1980 (300W)	(L2 1/2x2 1/2x1/4x6'-6")	486.00	220.45	REL	
		30.0400	18	PC	07HR7	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")	144.00	65.32	REL	
		30.0500	18	PC	07HR8	L51x51x5x937 (300W)	(L2x2x3/16x3'-1")	144.00	65.32	REL	
		30.0600	6	PC	07LA1	L 102x102x6x110 (300W)		12.00	5.44	REL	

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	
	Line Number	U of M	Part Number		Description	Additional Descripton	Drawing Number	Weight (LBS)	Weight (KGS)	ST
	30.0700	3	PC	07LE18	SR 76x9090 (A572-GR50) Weld't			2,605.84	1,182.00	REL
	30.0800	4	PC	91272X	LAD. SP 33 ODx2.5x260 (350W)			6.00	2.72	REL
	30.0900	2	PC	LA007	LADDER 25 DIA RAIL X 4545	AT 425 C/C 19 DIA RUNGS 303c/c		224.00	101.60	REL
	30.1000	66	PC	110191	Ring Fill 13mm Lg HDG (Small)	1/2 to 3/4 Bolt		3.30	1.50	REL
	30.1100	13	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv			2.99	1.36	REL
	30.1200	255	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga			71.40	32.39	REL
	30.1300	19	PC	110665	Bolt Only 3/4x3-1/2 in A325 Ga			11.02	5.00	REL
	30.1400	268	PC	110510	Lock Nut Pin Type 5/8 A325 HDG			32.16	14.59	REL
	30.1500	19	PC	110511	Lock Nut Pin Type 3/4 A325 HDG			3.61	1.64	REL
	30.1600	306	PC	110205	Hardened Washer 5/8 (F436)	Galv		15.30	6.94	REL
	30.1700	19	PC	110208	Hardened Washer 3/4 (F436)	Galv		1.52	.69	REL
	30.1800	37	PC	110247	U-Bt Assy 3/8x1-1/4 in C/C Gal			7.03	3.19	REL
	30.1900	13	PC	110248	U-Bt Assy 3/8x1-5/8 in C/C Gal			2.60	1.18	REL
								<b>4,441.42</b>	<b>2,014.63</b>	
234	53773	40.0000			<b>SECTION "32" SITE-SPECIFIC SECTION</b>					REL
235	53773	50.0000	12	PC	07CN9	BAR 64x16x230 (300W)	07CN9	47.62	21.60	REL
236	53773	60.0000	4	PC	07LA1	L 102x102x6x110 (300W)	07LA1	8.00	3.63	REL
237	53773	70.0000	1	PC	LA010	LADDER 25 DIA RAIL X 3636	LA010-M01	86.00	39.01	REL
238	53773	80.0000	3	PC	NKHS1	SR 76x4110 (A572-GR50) Weld't	NKHS1	1,507.95	684.00	REL
239	53773	90.0000	3	PC	NKHS2	TOP STUB WELDMENT	NKHS2	338.63	153.60	REL
240	53773	100.0000	6	PC	NKHS3	L64x64x8x2006 (300W)	NKHS3	194.45	88.20	REL
241	53773	110.0000	6	PC	NKHS4	L51x51x5x405 (300W)	NKHS4	19.84	9.00	REL
242	53773	120.0000	6	PC	NKHS5	L64x64x8x2191 (300W)	NKHS5	209.00	94.80	REL
243	53773	130.0000	6	PC	NKHS6	L64x64x8x2191 (300W)	NKHS6	209.00	94.80	REL
244	53773	140.0000	3	PC	NKHS7	PLT 655x16x462 (300W)	NKHS7	251.32	114.00	REL
245	53773	150.0000	3	PC	NKHS8	PLT 227x16x221 (300W)	NKHS8	41.67	18.90	REL
246	53773	160.0000	6	PC	NKHS9	L76x76x8x2006 (300W)	NKHS9	234.13	106.20	REL
	53773	170.0000	12	PC	NKHS10	L76x76x8x1166 (300W)	NKHS10	264.55	120.00	REL

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	REL
248	53773	180.0000	6	PC	NKHS11	L64x64x5x940 (300W)	NKHS11	56.88	25.80	REL
249	53773	190.0000	6	PC	NKHS12	BAR 152x16x167 (300W)	NKHS12	42.33	19.20	REL
250	53773	200.0000	1	PC	NKHS13	TOP CHANNEL WELDMENT	NKHS13	720.90	327.00	REL
251	53773	210.0000	3	PC	NKHS14	TOP CHANNEL WELDMENT	NKHS14	601.86	273.00	REL
252	53773	220.0000	1	PC	NKHS15	PLT 1790x70x1551 (300W)	NKHS15	2,279.12	1,033.80	REL
253	53773	230.0000	60	PC	110192	Ring Fill 16mm Lg HDG (Small) 1/2 to 3/4 Bolt	A816_M01	3.60	1.63	REL
254	53773	240.0000	9	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv		2.07	.94	REL
255	53773	260.0000	25	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga		7.00	3.18	REL
256	53773	270.0000	76	PC	110656	Bolt Only 5/8x2-1/2 in A325 Ga		22.80	10.34	REL
257	53773	280.0000	38	PC	110663	Bolt Only 5/8 X 3 in A325 Galv		12.92	5.86	REL
258	53773	290.0000	98	PC	110662	Bolt Only 3/4x2-3/4 in A325 Ga		53.90	24.45	REL
259	53773	300.0000	76	PC	110664	Bolt Only 3/4 X 3 in A325 Galv		39.52	17.93	REL
260	53773	310.0000	19	PC	110665	Bolt Only 3/4x3-1/2 in A325 Ga		11.02	5.00	REL
261	53773	320.0000	47	PC	110940	Bolt Only 3/4 inx5 in A325 Gal		47.14	21.38	REL
262	53773	380.0000	25	PC	110066	Bolt Assy 1 inx 6 in A325		54.00	24.49	REL
263	53773	390.0000	25	PC	111077	Bolt Only 1 inx6-1/4 in A325 Galv		41.00	18.60	REL
264	53773	400.0000	9	PC	110248	U-Bt Assy 3/8x1-5/8 in C/C Gal	91B017-M01	1.80	.82	REL
265	53773	410.0000	148	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		17.76	8.06	REL
266	53773	420.0000	240	PC	110511	Lock Nut Pin Type 3/4 A325 HDG		45.60	20.68	REL
267	53773	430.0000	50	PC	110513	Lock Nut Pin Type 1 in A325, H		21.50	9.75	REL
268	53773	440.0000	172	PC	110205	Hardened Washer 5/8 (F436) Galv		8.60	3.90	REL
269	53773	450.0000	240	PC	110208	Hardened Washer 3/4 (F436) Galv		19.20	8.71	REL
270	53773	460.0000	50	PC	110214	Hardened Washer 1 in (F436) Ga		7.00	3.18	REL
271	53773	480.0000	47	PC	110686	Bevel Washer 1 in (Mall.) Galv		16.16	7.33	REL

**103 TX LINE SUPPORTS**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
------	-------	----------	----------	-----	-------------	-------------	----------------	--------------	--------------	----



**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	REL
272	53807	10.0000				<b>TX LINE SUPPORT MATERIAL FOR TOP PHASE</b>				REL
273	53807	20.0000	2	PC	NKHS23	L102x76x6x210 (300W)	NKHS23	7.94	3.60	REL
274	53807	30.0000	2	PC	NKHS25	L102x102x6x210 (300W)	NKHS25	9.26	4.20	REL
275	53807	40.0000	1	PC	NKHS30	L102x76x6x210 (300W)	NKHS30	3.97	1.80	REL
276	53807	50.0000	4	PC	NKHS34	L102x76x6x210 (300W)	NKHS34	15.87	7.20	REL
277	53807	60.0000	13	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv		2.99	1.36	REL
278	53807	70.0000	7	PC	110654	Bolt Only 5/8 X 2 in A325 Galv		1.82	.83	REL
279	53807	80.0000	20	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		2.40	1.09	REL
280	53807	90.0000	24	PC	110205	Hardened Washer 5/8 (F436) Galv		1.20	.54	REL
281	53807	110.0000	7	PC	110252	U-Bt Assy 3/8x2-13/16 inC/C Ga	91B017-M01	2.38	1.08	REL

**4 PLATFORMS**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST	
282	53783	10.0000				<b>REST PLATFORM MATERIAL</b>				REL	
283	53783	20.0000	1	PC	K07WA4	Grating1153x427 Weldt Type19-4 Rest Platform	07WA4			REL	
		<i>Line Number</i>	<i>U of Quan.</i>	<i>Part M</i>	<i>Part Number</i>	<i>Description</i>	<i>Additional Descripton</i>	<i>Drawing Number</i>	<i>Weight (LBS)</i>	<i>Weight (KGS)</i>	<i>ST</i>
		20.0100	1	PC	07WA4	GRATING PANEL 1153 x 427 Weldt		31.00	14.06	REL	
		20.0200	5	PC	110084	Bolt Assy 5/16x1-1/4 in Gr5 Ga		.15	.07	REL	
		20.0300	5	PC	110367	Grating Clamp Parts, H.D.G.	Top & bottom clip, no hardware	.15	.07	REL	
		20.0400	5	PC	110950	Hardened Washer 3/8 (F436) Galv		.40	.18	REL	
								<b>31.70</b>	<b>14.38</b>		
284	53783	30.0000				<b>TOP TRANSFER PLATFORM</b>				REL	
285	53783	40.0000	1	PC	K07WA2	Top Transfer Platform RT07 For Kit #K07WA2	07WA2-E01			REL	
		<i>Line Number</i>	<i>U of Quan.</i>	<i>Part M</i>	<i>Part Number</i>	<i>Description</i>	<i>Additional Descripton</i>	<i>Drawing Number</i>	<i>Weight (LBS)</i>	<i>Weight (KGS)</i>	<i>ST</i>
		40.0100	1	PC	07WA2A	Welded Frame Assembly (300W)		67.00	30.39	REL	
		40.0200	1	PC	07WA2B	L 51x51x6x950 (300W)		10.00	4.54	REL	
		40.0300	1	PC	07WA2BB	L 51x51x6x950 (300W)		10.00	4.54	REL	
		40.0400	2	PC	07WA2C	L 51x51x6x1245 (300W)		28.00	12.70	REL	
		40.0500	1	PC	07WA2D	L 51x51x6x944 (300W)		10.00	4.54	REL	

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

ASAMY

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	
	Line Number	U of M	Part Number		Description	Additional Descripton	Drawing Number	Weight (LBS)	Weight (KGS)	ST
	40.0600	1	PC	07WA2E	L 51x51x6x2070 (300W)			23.00	10.43	REL
	40.0700	1	PC	07WA2F	L 51x51x6x809 (300W)			9.00	4.08	REL
	40.0800	1	PC	07WA2FF	L 51x51x6x809 (300W)			9.00	4.08	REL
	40.0900	2	PC	07WA2G	L 51x51x6x1061 (300W)			24.00	10.89	REL
	40.1000	2	PC	07WA2J	Bar 51x13x64 (300W)			2.00	.91	REL
	40.1100	3	PC	07WA5	GRATING PANEL 795 x 608 Weldt			120.00	54.43	REL
	40.1200	13	PC	110084	Bolt Assy 5/16x1-1/4 in Gr5 Ga			.39	.18	REL
	40.1300	13	PC	110653	Bolt Only 5/8x1-3/4" A325 Galv			2.99	1.36	REL
	40.1400	3	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga			.84	.38	REL
	40.1500	16	PC	110510	Lock Nut Pin Type 5/8 A325 HDG			1.92	.87	REL
	40.1600	13	PC	110950	Hardened Washer 3/8 (F436)	Galv		1.04	.47	REL
	40.1700	16	PC	110205	Hardened Washer 5/8 (F436)	Galv		.80	.36	REL
	40.1800	13	PC	110367	Grating Clamp Parts, H.D.G.	Top & bottom clip, no hardware		.65	.29	REL
								<b>320.63</b>	<b>145.44</b>	

286 53783 50.0000 **SUPPORTS FOR TRANSFER PLATFORM** REL

287 53783 60.0000 1 PC K07WA2-SB1 Support Brackets for SR Legs 07WA2-SB1-E01 REL  
 SR3 1/16-4 1/2 for Kit #K07WA2

Line Number	U of M	Part Number	Description	Additional Descripton	Drawing Number	Weight (LBS)	Weight (KGS)	ST
60.0100	4	PC	07WA3D	L127x127x13x140 (300W)		29.98	13.60	REL
60.0200	2	PC	07WA3E	L102x102x10x205 Weld't (300W)		15.43	7.00	REL
60.0300	2	PC	07WA3EE	L102x102x10x205 (300W) Weld't		15.43	7.00	REL
60.0400	4	PC	MT005C	Bent Bar 152x10x318 (300W)		36.00	16.33	REL
60.0500	4	PC	MT005D	L 152x102x13X272 WELD'T		64.00	29.03	REL
60.0600	19	PC	110654	Bolt Only 5/8 X 2 in A325 Galv		4.94	2.24	REL
60.0700	9	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga		2.52	1.14	REL
60.0800	16	PC	110908	Bolt Assy LW 5/8 x 5 in A449	Fully Threaded - Galv'd	9.76	4.43	REL
60.0900	44	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		5.28	2.39	REL
60.1000	28	PC	110205	Hardened Washer 5/8 (F436)	Galv	1.40	.64	REL
						<b>184.74</b>	<b>83.80</b>	

288 53783 70.0000 **NON-KIT MATERIAL EXTERNAL LADDER & SUPPORTS** REL

289 53783 80.0000 1 PC LA007 LADDER 25 DIA RAIL X 4545 LA007-M01 112.00 50.80 REL  
 AT 425 C/C 19 DIA RUNGS 303c/c

290 53783 90.0000 2 PC NKHS16 L89x76x6x363 (300W) NKHS16 11.90 5.40 REL

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

ASAMY

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	
291	53783	100.0000	2	PC	NKHS17	L89x76x6x363 (300W)	NKHS17	11.90	5.40	REL
292	53783	110.0000	1	PC	NKHS18	L89x76x6x418 (300W)	NKHS18	7.28	3.30	REL
293	53783	120.0000	1	PC	NKHS19	L89x76x6x381 (300W)	NKHS19	6.61	3.00	REL
294	53783	130.0000	2	PC	110390	Ring Fill 25mm Lg HDG (Small) 1/2 to 3/4 Bolt	A816_M01	.06	.03	REL
295	53783	140.0000	7	PC	110654	Bolt Only 5/8 X 2 in A325 Galv		1.82	.83	REL
296	53783	150.0000	5	PC	110655	Bolt Only 5/8x2-1/4 in A325 Ga		1.40	.64	REL
297	53783	160.0000	3	PC	110663	Bolt Only 5/8 X 3 in A325 Galv		1.02	.46	REL
298	53783	190.0000	15	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		1.80	.82	REL
299	53783	200.0000	21	PC	110205	Hardened Washer 5/8 (F436) Galv		1.05	.48	REL
300	53783	210.0000	13	PC	110248	U-Bt Assy 3/8x1-5/8 in C/C Gal	91B017-M01	2.60	1.18	REL
301	53783	220.0000	5	PC	110400	Bevel Washer 5/8 (Mall.) Galv		.67	.30	REL

**ACCESSORIES**

**K02 TX LINE MOUNTING MATERIAL**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
302	53656	145.0000	14	PC	NKHS109A	L51x51x5x1038 (300W)	07-NKHS-M109-01	126.00	57.15	REL
303	53656	155.0000	14	PC	NKHS109B	L51x51x5x1038 (300W)	07-NKHS-M109-01	126.00	57.15	REL
304	53656	175.0000	28	PC	NKHS109D	L51x51x5x315 (300W)	07-NKHS-M109-01	112.00	50.80	REL
305	53656	190.0000	30	PC	110459	Bolt Assy 3/8 X 1 in Gr5 Galv		1.20	.54	REL
306	53656	200.0000	60	PC	110002	Bolt Assy 1/2x1-1/2 in A325 Ga		12.60	5.72	REL
307	53656	215.0000	14	PC	110255	U-Bt Assy 1/2x2-3/4 in C/C Gal	91B017-M03	8.54	3.87	REL
308	53758	10.0000	20	PC	STB012-1	TX RIGID LINE SUPPORT CLMP KIT Dwg # TB012-E01	TB012-E01	580.00	263.08	REL

Line Number	U of	Part	Description	Additional Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
10.0100	40	PC MT005C	Bent Bar 152x10x318 (300W)			360.00	163.29	REL
10.0200	20	PC TB012A	Bar 102x6x150 (300W)	Dwg # TB012-M01		40.00	18.14	REL
10.0300	40	PC 110241	Thd Rod 5/8 X 3' Galv			100.80	45.72	REL
10.0400	40	PC 111119	Bolt Assy 5/8 x 6 in A449	Fully Threaded		40.00	18.14	REL
10.0500	240	PC 110147	Hex Nut 5/8 Gr2 Galv	Finished hex nuts		16.80	7.62	REL



**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

ASAMY

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
	Line Number	U of M	Part Number		Description	Additional Descripton	Drawing Number	Weight (LBS)	Weight (KGS)	
	10.0600	240	PC	110205	Hardened Washer 5/8 (F436)	Galv		12.00	5.44	REL
	10.0700	240	PC	110206	Lock Washer 5/8 (Spring) Galv			4.80	2.18	REL
								<b>574.40</b>	<b>260.53</b>	

**K07 SAFETY CLIMB MATERIAL**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
309	53634	10.0000			<b>SAFETY CLIMB MATERIAL</b>					REL
310	53634	15.0000			<b>FOR INTERNAL LADDER</b>					REL
311	53634	20.0000	1	KI	SCL010-11	1000' RAM SAFETY CABLE c/w HARDWARE -TOP	CL010-E02			REL
	Line Number	U of M	Part Number		Description	Additional Descripton	Drawing Number	Weight (LBS)	Weight (KGS)	ST
	20.0100	1	PC	CL010G	FB51x16x1468 (A514-104-110ksi)	CSA 100Q - YIELD 100-110 ksi)		21.00	9.53	REL
	20.0200	1	PC	CL010B	FB 51x13x507 (300W)			6.00	2.72	REL
	20.0300	1	PC	CL010C	L 127x89x13x51 (300W)			2.00	.91	REL
	20.0400	5	PC	CL010D	FB 51x6x112 (300W)			15.00	6.80	REL
	20.0500	8	PC	110822	Bolt Assy LW 1/2x2-1/4 in A325	Galv.		2.00	.91	REL
	20.0600	2	PC	110824	Bolt Assy LW 1/2x2-3/4 in A325	Galv.		.56	.25	REL
	20.0700	10	PC	110203	Lock Washer 1/2 (Spring) Galv			.10	.05	REL
	20.0800	1	PC	111107	U-Bolt 1/2x2-3/4 in C/C Gal			.61	.28	REL
	20.0900	3	PC	110581	Lock Nut Pin Type 1/2 in A325	HDG		.36	.16	REL
	20.1000	1	PC	160414	1/2"x9" RH Jaw	Crosby #1072378		.63	.29	REL
	20.1100	2	PC	140003	U-Bolt Clip 3/8 Galv			.94	.43	REL
	20.1200	1	PC	140073	Standard Thimble 3/8 Galv			.63	.29	REL
	20.1300	4	PC	110143	Hex Nut 1/2 (13 UNC) 2H Gal			.28	.13	REL
	20.1400	5	PC	110202	Hardened Washer 1/2 (F436)	Galv		.20	.09	REL
	20.1500	1	PC	160429	3/8"x1000' Aircraft Cab. Assy	7x19RRL Galvanized		424.00	192.32	REL
	20.1600	39	PC	160427	RAM Cable L-Type Cable Guide	Rubber fitted by Royalthane		39.00	17.69	REL
	20.1700	39	PC	111115	U-Bt Assy 3/8 x 1 1/2 C/C Galv			6.24	2.83	REL
	20.1800	1	PC	140170	Ear Clamp 3/8 Guy			.16	.07	REL
								<b>519.71</b>	<b>235.75</b>	
312	53634	30.0000	1	PC	SCL010-S	RAM Cable Safety Slider KIT 3/8" Cable Sleeve		2.00	.91	REL
	Line Number	U of M	Part Number		Description	Additional Descripton	Drawing Number	Weight (LBS)	Weight (KGS)	ST

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

ASAMY

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
		Line	U of	Part			Drawing	Weight	Weight	
		Number	Quan.	M	Number	Description	Number	(LBS)	(KGS)	
	30.0100	1	PC	160401	RAM Cable Safety Sleeve			.16	.07	REL
	30.0200	1	PC	160402	Steel Carabiner C413-Kwiklock			.78	.35	REL
								<b>.94</b>	<b>.42</b>	

**K09 LIGHTING & ELECTRICAL MATERIAL**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
313	53571	10.0000	1	PC	NKHS400A	LIGHTING ELECTRICAL SYSTEM		1.00	.45	REL

**K11 MAIN TX LINE BRIDGE**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
314	53656	50.0000	5	PC	TB010B1	L 102x76x6x1248 (300W)	TB010-M01	120.00	54.43	REL
315	53656	60.0000	20	PC	110260	U-Bt Assy 1/2x5-1/16 in C/C Ga	91B017-M03	17.60	7.98	REL
	53656	70.0000	30	PC	111041	J-Bolt Assy 1/2-13 X 5 in Squa Galvanized	91B334_M02	12.00	5.44	REL
317	53656	80.0000	9	PC	91171A	Formed Channel 305 X 4 X 6096	91B171_M01	2,070.00	938.94	REL
318	53656	90.0000			STB006-F	<b>Text Line</b>				REL
319	53656	100.0000	12	PC	91170D	L 64 X 64 X 6 X 260 (300W) (renumbered from 5363-4)	91B170_M01	43.68	19.81	REL
320	53656	110.0000	50	PC	110001	Bolt Assy 1/2x1-1/4 in A325 Ga		10.00	4.54	REL
321	53656	120.0000	50	PC	110203	Lock Washer 1/2 (Spring) Galv		.50	.23	REL
322	53656	220.0000	10	PC	91166H2	114 O.D Pipe Weld't X 3960 (renumbered from 91166H1)	91B166-M01	1,310.00	594.21	REL

**K14 HIGH FREQ. DAMPER MATERIAL**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
323	53578	10.0000	6	PC	140283	High Frequency Damper Range .812 in-.875 dia.				REL
324	53578	20.0000	9	PC	140284	High Frequency Damper Range .971 in-1.000 in dia.				REL
325	53578	30.0000	6	PC	140285	High Frequency Damper Range 1.062 in-1.125 in dia.				REL
326	53578	40.0000	6	PC	140287	High Frequency Damper Range 1.211 in-1.250 in dia.				REL
327	53578	80.0000	18	PC	110248	U-Bt Assy 3/8x1-5/8 in C/C Gal	91B017-M01	3.60	1.63	REL
328	53578	90.0000	18	PC	5351	Bar 25 X 6 X 67	A372	5.58	2.53	REL

**K15 LOW FREQ. DAMPER MATERIAL**

Line Weight Weight

**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

ASAMY

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST	
329	53570	10.0000	3	PC	KMCGY-1	Guy Snubber Spring Type 3 guys Guy up to 1 1/2" US /1200' Twr	GY047_E01			REL	
		<i>Line Number</i>	<i>U of Quan.</i>	<i>M</i>	<i>Part Number</i>	<i>Description</i>	<i>Additional Descripton</i>	<i>Drawing Number</i>	<i>Weight (LBS)</i>	<i>Weight (KGS)</i>	<i>ST</i>
		10.0100	9	PC	140431	6" Aluminium Snatch Block	Urethane sheave clw C-clevis	90.00	40.82	REL	
		10.0200	9	PC	140430	3" Snatch Block - Galv.	5/16-3/8" wire rope size	9.00	4.08	REL	
		10.0300	18	PC	140037	Shackle 1/2 Screw Pin Galv	2 ton (24k Ultimate Strength)	13.32	6.04	REL	
		10.0400	9	PC	140054	Turnbuckle 5/8 X 12 in J&E Gal	(17.5 k Ultimate Strength)	34.02	15.43	REL	
		10.0500	27	PC	140074	Heavy Thimble 3/8 Galv		5.67	2.57	REL	
		10.0600	9	PC	5790	3/16"x12" Aircraft Cable	Sling (Used as Fused Link)	1.89	.86	REL	
		10.0700	9	PC	110787	Bolt Only 5/8x5-1/2 in A325 Ga		5.04	2.29	REL	
		10.0800	24	PC	110147	Hex Nut 5/8 Gr2 Galv	Finished hex nuts	1.68	.76	REL	
		10.0900	24	PC	110510	Lock Nut Pin Type 5/8 A325 HDG		2.88	1.31	REL	
		10.1000	36	PC	110366	Plate Washer 5/8 Round Galv		4.32	1.96	REL	
		10.1100	9	PC	110183	Eye Nut 5/8 Galv		1.08	.49	REL	
		10.1200	9	PC	GY047A	HSS 102 ODx410x6 WELD'T (300W)		117.00	53.07	REL	
		10.1300	9	PC	GY047B	ROD 5/8 dia threaded both ends		9.00	4.08	REL	
		10.1400	9	PC	GY047C	BAR 64x13x128 (300W)		15.30	6.94	REL	
		10.1500	18	PC	GY047D	BAR 76x6x76 (300W)		10.80	4.90	REL	
		10.1600	9	PC	GY047E	PLATE 83 OD x 10 THK (300W)		9.90	4.49	REL	
		10.1700	9	PC	140432	3.25"diax11" Compresion spring	Stainless Steel	59.09	26.80	REL	
		10.1800	18	PC	100109	Ties Black Nylon		118.18	53.61	REL	
		10.1900	27	PC	140158	End Sleeve 1/4 Guy Grip Galv		177.27	80.41	REL	
		10.2000	18	PC	140168	Ear Clamp 1/4 Guy		118.18	53.61	REL	
		10.2100	27	PC	140012	Guy Grip 1/4 Galv (Yellow)	(Steel Uniformed Guy End)	9.45	4.29	REL	
								<b>813.07</b>	<b>368.81</b>		
330	53570	20.0000	450	MT	140429	Aircraft Cable 7x19 Galv 1/4"				REL	

**K16 GROUNDING MATERIAL ABOVE GRADE**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
331	53543	30.0000	12	PC	150006	Grd Conn 3/4 - 1 in BS				REL
332	53543	40.0000	3	PC	150007	Grd Conn 1-1/16 - 1-1/8 BS				REL
3	53543	50.0000	3	PC	150017	Grd Clamp, 1-1/16 - 1-3/8 BS				REL
334	53543	60.0000	7	PC	150165	Weld Metal #45				REL



**RADIAN COMMUNICATION SERVICES**

2/9/2004 13:56:39

**Materials List**

R55MATLIS RCS0002

ASAMY

Ship To: 322114 Wayne, NE  
 Project Number: 0170123 Wayne, NE  
 Customer : 5800 Radian US Tall Towers

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	REL
335	53569	10.0000	6	PC	NKHS300A	SC-1 STATI-CAT @ 3.75" DIA LEG LIGHTNING DISSIPATOR		6.00	2.72	REL
336	53569	20.0000	3	PC	NKHS300B	SC-1 STATI-CAT @ 3.25" DIA LEG LIGHTNING DISSIPATOR		3.00	1.36	REL
337	53569	30.0000	6	PC	NKHS300C	SC-1 STATI-CAT @ 3" DIA LEG LIGHTNING DISSIPATOR		6.00	2.72	REL
338	53569	50.0000	1	PC	NKHS300D	CN-1 CROW'S NEST MOUNTED ON THE BEACON		1.00	.45	REL
339	53609	10.0000	1	PC	150359	GRD MOLD SURF.CONN (+FRAME) #2 WIRE TO FLAT VERT. SURFACE		1.00	.45	REL

**Miscellaneous**

**W01 Warranty**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
340	54053	10.0000	1	PC	07DG5	SR 7/8 Hog Rod Weld't (350W)	07DG5	30.64	13.90	REL
341	54440	10.0000	1	PC	91166H2	114 O.D Pipe Weld't X 3960 (renumbered from 91166H1)	91B166-M01	131.00	59.42	REL
2	55784	10.0000	3	PC	100228	Flashtube Assy (Owl) SS-125		.30	.14	REL

**MISCELLANEOUS**

**X01 Branch Release**

Ref.	Order	Line Num	Quantity	U/M	Item Number	Description	Drawing Number	Weight (LBS)	Weight (KGS)	ST
343	53882	10.0000	2	PC	130125	GRIP HOISTING 3&3 1/2IN Also for WE30				REL
344	53882	20.0000	300	PC	100109	Ties Black Nylon				REL
345	54926	10.0000	24	PC	140074	Heavy Thimble 3/8 Galv		5.04	2.29	REL

**Total Weight**

**235,382.13 106,768.19**

END OF MATERIALS LIST REPORT

