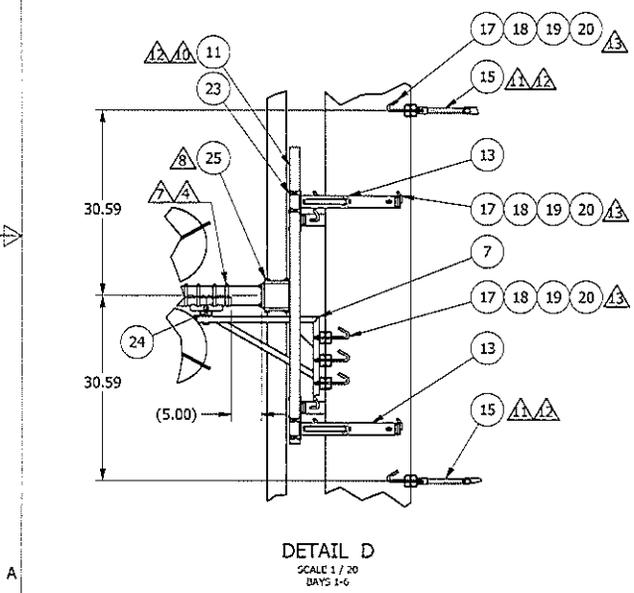
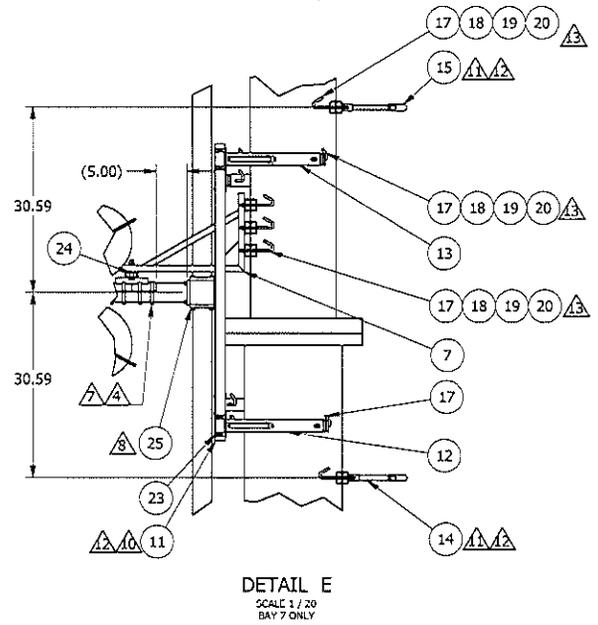


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED BAY TO POLE DIMENSIONS (CSL)	2/10/2012	G.H./L.S.

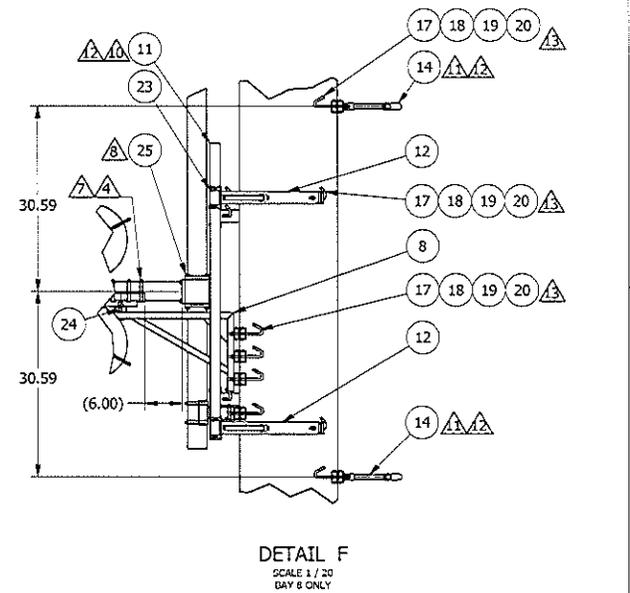
ELEVATION VIEW
SCALE 1 / 60



DETAIL D
SCALE 1 / 20
BAYS 7-8



DETAIL E
SCALE 1 / 20
BAY 7 ONLY



DETAIL F
SCALE 1 / 20
BAY 8 ONLY

PROJECT NO.	29114/1		
ERI APPROVAL	NAME	DATE	
DRAWN BY	C.S.L.	1/27/2012	
DRAFTING	L.A.S.	1/30/2012	
DESIGN MGR.	G.H.	1/30/2012	
ENG.			
MANUF.			
EXT. APPROVAL	T.SCHARF	1/30/2012	
SUPPLIER'S PART NO.			
FILE NAME:	IAC29114-1.dwg		

ERI ELECTRONICS RESEARCH INC. ESTABLISHED 1943
 7777 GARDNER RD. CHANDLER, IN 46610-9219
 PHONE: (317) 925-6000 FAX: (317) 925-4030

TITLE: SHP-8AC-DA-SP INSTALLATION DRAWING
 WKML-LUMBERTON, NC - 95.7 MHz
 WFLB-LAURINBURG, NC - 96.5 MHz

SCALE: B	SCALE CODE: OZNS1	DWG NO: IA29114-1	REV: A
SCALE: AS NOTED	WEIGHT: N/A	SHEET: 2 OF 2	



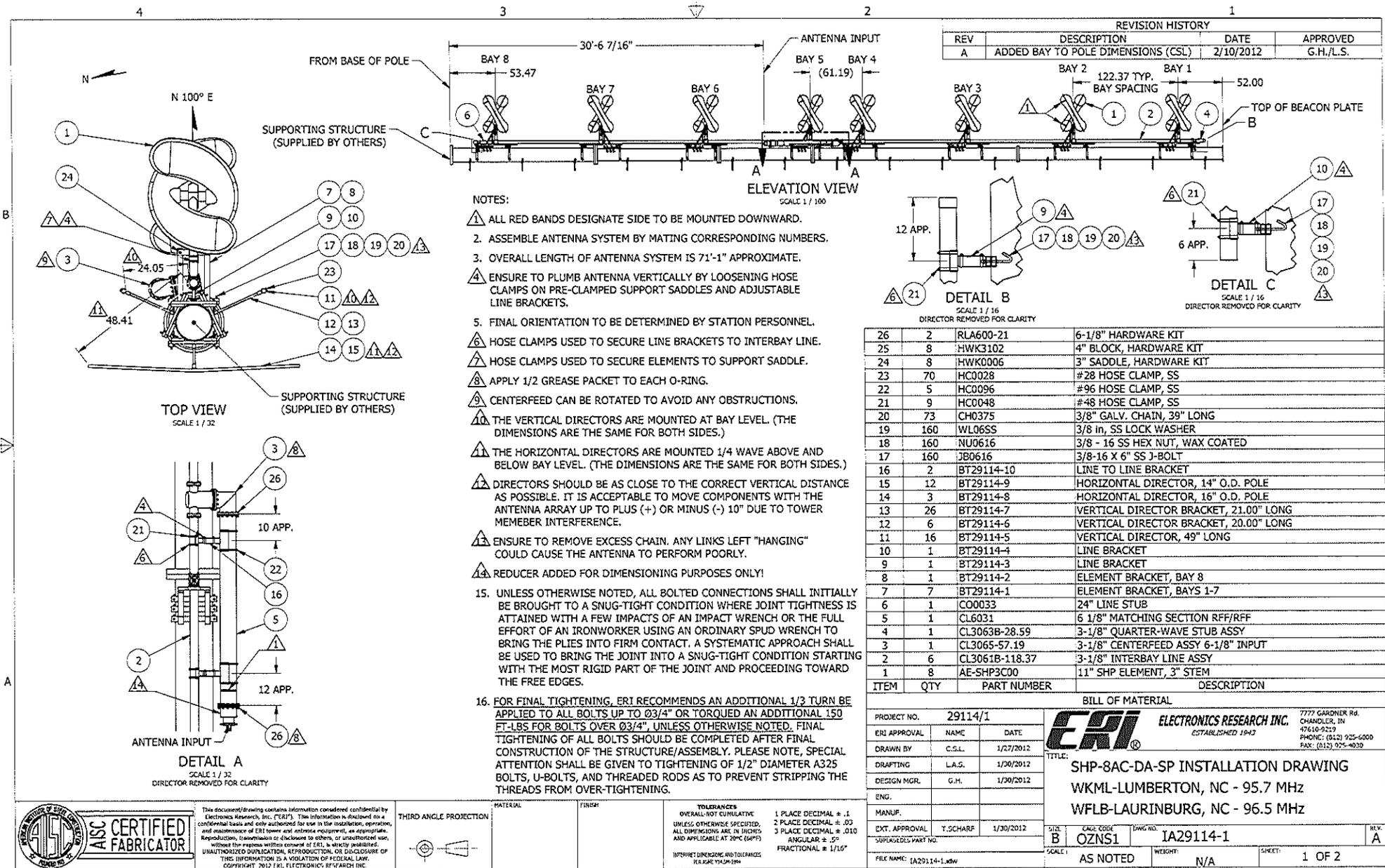
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THIRD ANGLE PROJECTION	MATERIAL	FINISH	TOLERANCES OVERALL-NOT CUMULATIVE UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES AND APPLICABLE AT 25°C (60°F) INFER TO DIMENSIONS AND TOLERANCES UNLESS NOTED OTHERWISE
			1 PLACE DECIMAL ± .1 2 PLACE DECIMAL ± .03 3 PLACE DECIMAL ± .010 ANGULAR ± .5° FRACTIONAL ± 1/16"

3

2

1



REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED BAY TO POLE DIMENSIONS (CSL)	2/10/2012	G.H./L.S.

- NOTES:
- ALL RED BANDS DESIGNATE SIDE TO BE MOUNTED DOWNWARD.
 - ASSEMBLE ANTENNA SYSTEM BY MATING CORRESPONDING NUMBERS.
 - OVERALL LENGTH OF ANTENNA SYSTEM IS 71'-1" APPROXIMATE.
 - ENSURE TO PLUMB ANTENNA VERTICALLY BY LOOSENING HOSE CLAMPS ON PRE-CLAMPED SUPPORT SADDLES AND ADJUSTABLE LINE BRACKETS.
 - FINAL ORIENTATION TO BE DETERMINED BY STATION PERSONNEL.
 - HOSE CLAMPS USED TO SECURE LINE BRACKETS TO INTERBAY LINE.
 - HOSE CLAMPS USED TO SECURE ELEMENTS TO SUPPORT SADDLE.
 - APPLY 1/2 GREASE PACKET TO EACH O-RING.
 - CENTERFEED CAN BE ROTATED TO AVOID ANY OBSTRUCTIONS.
 - THE VERTICAL DIRECTORS ARE MOUNTED AT BAY LEVEL. (THE DIMENSIONS ARE THE SAME FOR BOTH SIDES.)
 - THE HORIZONTAL DIRECTORS ARE MOUNTED 1/4 WAVE ABOVE AND BELOW BAY LEVEL. (THE DIMENSIONS ARE THE SAME FOR BOTH SIDES.)
 - DIRECTORS SHOULD BE AS CLOSE TO THE CORRECT VERTICAL DISTANCE AS POSSIBLE. IT IS ACCEPTABLE TO MOVE COMPONENTS WITH THE ANTENNA ARRAY UP TO PLUS (+) OR MINUS (-) 10" DUE TO TOWER MEMBER INTERFERENCE.
 - ENSURE TO REMOVE EXCESS CHAIN. ANY LINKS LEFT "HANGING" COULD CAUSE THE ANTENNA TO PERFORM POORLY.
 - REDUCER ADDED FOR DIMENSIONING PURPOSES ONLY!
 - UNLESS OTHERWISE NOTED, ALL BOLTED CONNECTIONS SHALL INITIALLY BE BROUGHT TO A SNUG-TIGHT CONDITION WHERE JOINT TIGHTNESS IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH TO BRING THE PLIES INTO FIRM CONTACT. A SYSTEMATIC APPROACH SHALL BE USED TO BRING THE JOINT INTO A SNUG-TIGHT CONDITION STARTING WITH THE MOST RIGID PART OF THE JOINT AND PROCEEDING TOWARD THE FREE EDGES.
 - FOR FINAL TIGHTENING, ERI RECOMMENDS AN ADDITIONAL 1/3 TURN BE APPLIED TO ALL BOLTS UP TO Ø3/4" OR TORQUED AN ADDITIONAL 150 FT-LBS FOR BOLTS OVER Ø3/4". UNLESS OTHERWISE NOTED, FINAL TIGHTENING OF ALL BOLTS SHOULD BE COMPLETED AFTER FINAL CONSTRUCTION OF THE STRUCTURE/ASSEMBLY. PLEASE NOTE, SPECIAL ATTENTION SHALL BE GIVEN TO TIGHTENING OF 1/2" DIAMETER A325 BOLTS, U-BOLTS, AND THREADED RODS AS TO PREVENT STRIPPING THE THREADS FROM OVER-TIGHTENING.

ITEM	QTY	PART NUMBER	DESCRIPTION
26	2	RLA600-21	6-1/8" HARDWARE KIT
25	8	HWK3102	4" BLOCK, HARDWARE KIT
24	8	HWK0006	3" SADDLE, HARDWARE KIT
23	70	HC0028	#28 HOSE CLAMP, SS
22	5	HC0096	#96 HOSE CLAMP, SS
21	9	HC0048	#48 HOSE CLAMP, SS
20	73	CH0375	3/8" GALV. CHAIN, 39" LONG
19	160	WL06SS	3/8 in, SS LOCK WASHER
18	160	NU0616	3/8 - 16 SS HEX NUT, WAX COATED
17	160	JB0616	3/8-16 X 6" SS J-BOLT
16	2	BT29114-10	LINE TO LINE BRACKET
15	12	BT29114-9	HORIZONTAL DIRECTOR, 14" O.D. POLE
14	3	BT29114-8	HORIZONTAL DIRECTOR, 16" O.D. POLE
13	26	BT29114-7	VERTICAL DIRECTOR BRACKET, 21.00" LONG
12	6	BT29114-6	VERTICAL DIRECTOR BRACKET, 20.00" LONG
11	16	BT29114-5	VERTICAL DIRECTOR, 49" LONG
10	1	BT29114-4	LINE BRACKET
9	1	BT29114-3	LINE BRACKET
8	1	BT29114-2	ELEMENT BRACKET, BAY 8
7	7	BT29114-1	ELEMENT BRACKET, BAYS 1-7
6	1	CO0033	24" LINE STUB
5	1	CL6031	6 1/8" MATCHING SECTION RFF/RFF
4	1	CL3063B-28.59	3-1/8" QUARTER-WAVE STUB ASSY
3	1	CL3065-57.19	3-1/8" CENTERFEED ASSY 6-1/8" INPUT
2	6	CL3061B-118.37	3-1/8" INTERBAY LINE ASSY
1	8	AE-SHP3C00	11" SHP ELEMENT, 3" STEM

BILL OF MATERIAL

PROJECT NO.	29114/1
ERI APPROVAL	NAME DATE
DRAWN BY	C.S.L. 1/27/2012
DESIGN MGR.	G.H. 1/30/2012
ENG.	
MANUF.	
EXT. APPROVAL	T.SCHARF 1/30/2012
SUPPLIERS PART NO.	
FILE NAME:	IA29114-1.dwg

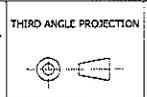
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TITLE:
SHP-8AC-DA-SP INSTALLATION DRAWING
 WKML-LUMBERTON, NC - 95.7 MHz
 WFLB-LAURINBURG, NC - 96.5 MHz

SER. B	CANA CODE	DWG. NO.	INX. A
	OZNS1	IA29114-1	
SCALE: AS NOTED	WEIGHT: N/A	SHEET: 1 OF 2	



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MATERIAL	FINISH	TOLERANCES
		OVERALL: NOT CUMULATIVE UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES AND APPLICABLE AT 20°C (68°F)
		1 PLACE DECIMAL = .1 2 PLACE DECIMAL = .03 3 PLACE DECIMAL = .010 ANGULAR = 5' FRACTIONAL = 1/16"
		INTERPRET DIMENSIONS AND TOLERANCES UNLESS SHOWN OTHERWISE