

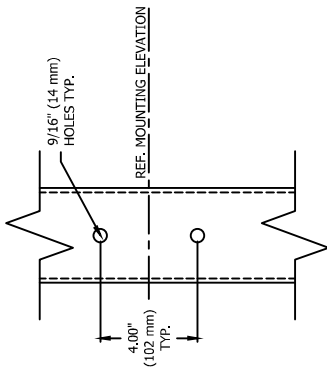
FILE NO.

REV	DESCRIPTION	DWN	CHK	APP

SECTION	NOMINAL BRACE LENGTH
RA1	38" (965 mm)
RA2	40" (1016 mm)
RA3	42" (1067 mm)
RA4	44" (1118 mm)
RA5	46" (1168 mm)
RA6	48" (1219 mm)
RA7	50" (1270 mm)
RA8	52" (1321 mm)
RA9	55" (1397 mm)
RA10	57" (1448 mm)

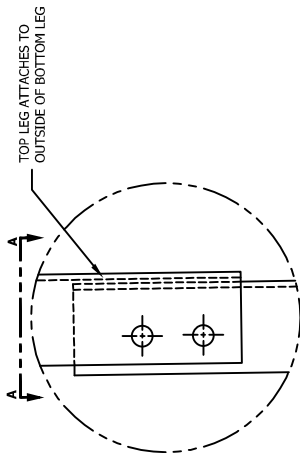
REFER TO SHEET 2 FOR SECTION BILL OF MATERIALS

NOTE:
 1. NOMINAL METRIC EQUIVALENTS ARE GIVEN FOR REFERENCE ONLY AND SHALL NOT BE SUBSTITUTED FOR THE DESCRIBED SIZES UNLESS OTHERWISE APPROVED BY ROHN PRODUCTS.
 2. ALL DIMENSIONS IN PARENTHESES ARE IN METERS, UNLESS OTHERWISE NOTED.



VIEW B-B

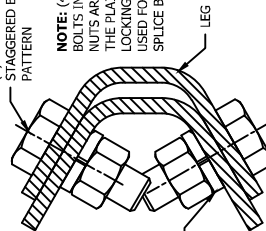
ACCESSORY MOUNTING HOLES IN EACH LEG ARE LOCATED FOR NOMINAL MOUNTING ELEVATIONS AT 6" (150 mm), 3" (91.0 mm), 5" (127.0 mm), 7" (178.0 mm), AND 9'-6" (2900mm) FROM THE BOTTOM OF EACH SECTION.



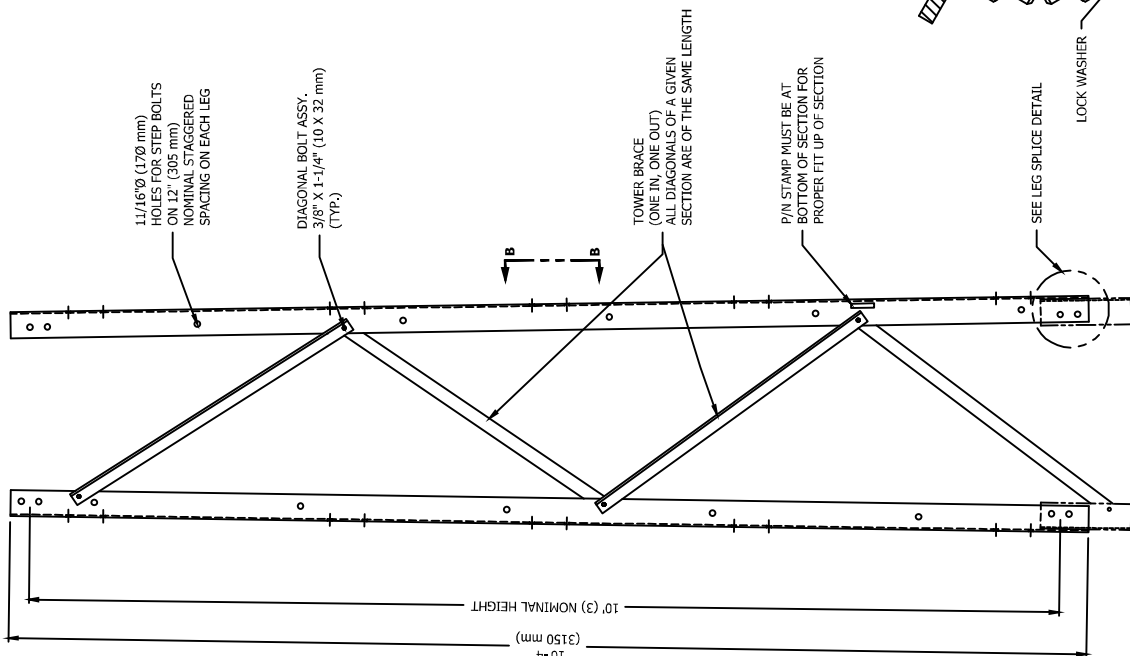
LEG SPLICE DETAIL

(4) SPLICE BOLTS ON STAGGERED BOLT PATTERN

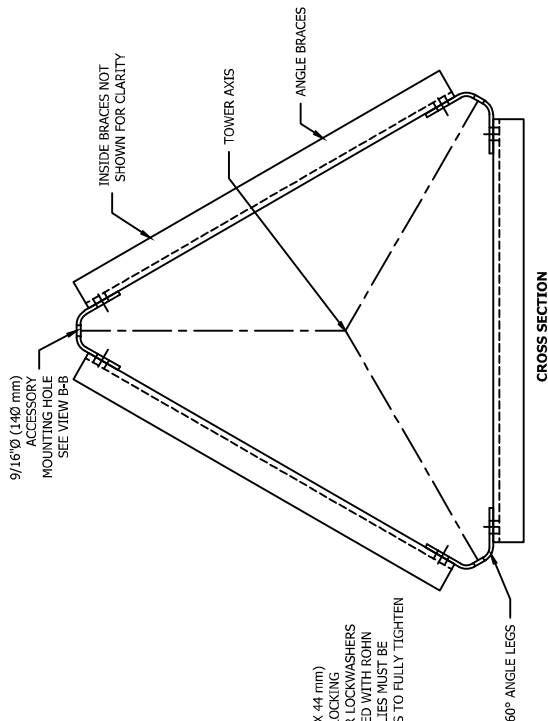
NOTE: (4) 5/8" X 1-3/4" (16 X 44 mm) BOLTS IN EACH LEG, WHEN LOCKING NUTS ARE SUBSTITUTED FOR LOCKWASHERS THE PLAIN WASHER PROVIDED WITH ROHN LOCKING NUT BOLT ASSEMBLIES MUST BE USED FOR 3/16" (5 mm) LEGS TO FULLY TIGHTEN SPLICE BOLTS.



VIEW A-A



ELEVATION VIEW



CROSS SECTION



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RSL TOWER
 SECTION DETAILS
 ANGLE BRACING

DWN:	ZAW	CHKD:	10/13/12	DATE:	10/13/12
ENGR:	HA	SHEET #:	1 OF 2		
PRL ENGR:	OH	PRL MGR:			
DRAWING NO:	RSLA-01-A2				
REV:	0				

FILE NO.

REV	DESCRIPTION	DWN	CHK	APP
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SECTION BILL OF MATERIALS

SECTION	PART NO.	QTY	DESCRIPTION
RA1	RSL-1	3	U 2.75"x.19"x10.33' HDG
	RSLD-1A	12	R1 ANGLE L1.25X.13X3.14'
	210005GALW	15	BOLT ASSY 3/8 X 1-1/4 G5
	210030GALW	12	BOLT ASSY 5/8 X 1-3/4 A325
RA2	RSL-2	3	U 2.75"x.19"x10.33' HDG
	RSLD-2A	12	R2 ANGLE L1.25X.13X3.28'
	210005GALW	15	BOLT ASSY 3/8 X 1-1/4 G5
	210030GALW	12	BOLT ASSY 5/8 X 1-3/4 A325
RA3	RSL-3	3	U 2.75"x.19"x10.33' HDG
	RSLD-3A	12	R3 ANGLE L1.25X.13X3.44'
	210005GALW	15	BOLT ASSY 3/8 X 1-1/4 G5
	210030GALW	12	BOLT ASSY 5/8 X 1-3/4 A325
RA4	RSL-4	3	U 2.75"x.19"x10.33' HDG
	RSLD-4A	12	R4 ANGLE L1.25X.13X3.61'
	210005GALW	15	BOLT ASSY 3/8 X 1-1/4 G5
	210030GALW	12	BOLT ASSY 5/8 X 1-3/4 A325
RA5	RSL-5	3	U 2.75"x.19"x10.33' HDG
	RSLD-5A	12	R5 ANGLE L1.25X.13X3.78'
	210005GALW	15	BOLT ASSY 3/8 X 1-1/4 G5
	210030GALW	12	BOLT ASSY 5/8 X 1-3/4 A325

SECTION BILL OF MATERIALS

SECTION	PART NO.	QTY	DESCRIPTION
RA6	RSL-6	3	U 2.75"x.19"x10.33' HDG
	RSLD-6A	12	R6 ANGLE L1.25X.13X3.97'
	210005GALW	15	BOLT ASSY 3/8 X 1-1/4 G5
	210030GALW	12	BOLT ASSY 5/8 X 1-3/4 A325
RA7	RSL-7	3	U 2.75"x.19"x10.33' HDG
	RSLD-7A	12	R7 ANGLE L1.25X.13X4.16'
	210005GALW	15	BOLT ASSY 3/8 X 1-1/4 G5
	210030GALW	12	BOLT ASSY 5/8 X 1-3/4 A325
RA8	RSL-8	3	U 2.75"x.25"x10.33' HDG
	RSLD-8A	12	R8 ANGLE L1.5X.13X4.34'
	210005GALW	15	BOLT ASSY 3/8 X 1-1/4 G5
	210030GALW	12	BOLT ASSY 5/8 X 1-3/4 A325
RA9	RSL-9	3	U 2.75"x.25"x10.33' HDG
	RSLD-9A	12	R9 ANGLE L1.5X.13X4.52'
	210005GALW	15	BOLT ASSY 3/8 X 1-1/4 G5
	210030GALW	12	BOLT ASSY 5/8 X 1-3/4 A325
RA10	RSL-10	3	U 2.75"x.25"x10.33' HDG
	RSLD-10A	12	R10 ANGLE L1.5X.13X4.71'
	210005GALW	15	BOLT ASSY 3/8 X 1-1/4 G5
	210030GALW	12	BOLT ASSY 5/8 X 1-3/4 A325

NOTE:
 1. BOLT ASSY'S IN B.O.M. ABOVE CONSIST OF BOLT, HEAVY HEX NUT, & SPRING LOCK WASHER.
 2. ADD SUFFIX A, P, OR T TO SECTION PART NUMBER FOR ANCO, PAL OR TRILOC NUT LOCKING DEVICE. EXAMPLE: RA1-A FOR ANCO.
 3. LEG PART NUMBERS ARE STAMPED AS 1,2,3,.....,10. THIS COINCIDES WITH LEG PART NUMBERS RSL-1,RSL-2,....,RSL-10 NOTED IN BILL OF MATERIALS ABOVE.



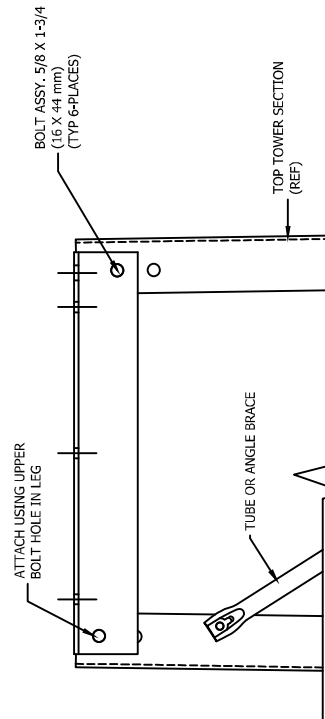
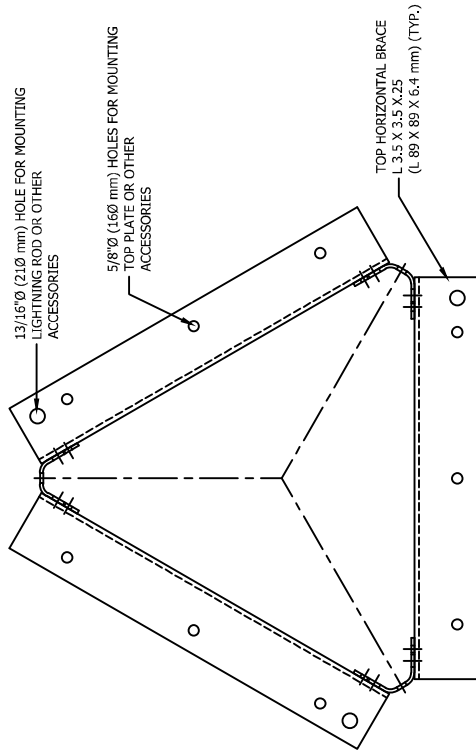
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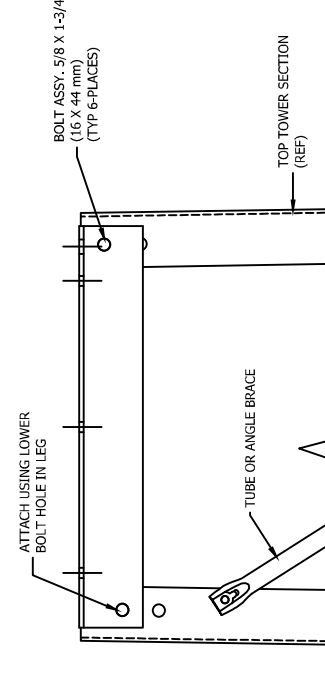
**RSL TOWER
 SECTION DETAILS
 ANGLE BRACING**

DWN:	ZAW	CHKD:	DATE:	SHEET #:	DATE:
ENGR:	HA		10/13/12	2 OF 2	
PRL ENGR:	OH	PRL MANGER:			
DRAWING NO:	RSLA-01-A2				REV:
					0

- NOTE:**
1. BOLT ASS'YS IN B.O.M. ABOVE CONSIST OF BOLT & TRIL-LOC NUT.
 2. ADD SUFFIX A, P, OR T TO SECTION PART NUMBER FOR ANCO, PAL OR TRIL-LOC LOCKING DEVICE.
 3. EXAMPLE: RSLH1A FOR ANCO.
 4. METRIC EQUIVALENTS ARE GIVEN FOR REFERENCE ONLY AND SHALL NOT BE SUBSTITUTED FOR THE DESCRIBED SIZES UNLESS OTHERWISE APPROVED BY ROHM PRODUCTS.
 5. ALL DIMENSIONS IN PARENTHESSES ARE IN METERS, UNLESS OTHERWISE NOTED.



(FOR P/N'S: RSLH1A - RSLH7A)



(FOR P/N'S: RSLH8A - RSLH9A)

TOP HORIZONTAL BRACE KIT BILL OF MATERIAL

ITEM	P/N	QTY	DESCRIPTION
RSLH1A (FOR NO. 1 RSL TOWER SECTION)	RSLH1 210030GA-TLN	3	BRACE H R1 L3.5X.25X1.83'
RSLH2A (FOR NO. 2 RSL TOWER SECTION)	RSLH2 210030GA-TLN	6	BOLT ASSY 5/8 X 1-3/4" A325
RSLH3A (FOR NO. 3 RSL TOWER SECTION)	RSLH3 210030GA-TLN	3	BRACE H R2 L3.5X.25X2.08'
RSLH4A (FOR NO. 4 RSL TOWER SECTION)	RSLH4 210030GA-TLN	6	BOLT ASSY 5/8 X 1-3/4" A325
RSLH5A (FOR NO. 5 RSL TOWER SECTION)	RSLH5 210030GA-TLN	3	BRACE H R3 L3.5X.25X2.32'
RSLH6A (FOR NO. 6 RSL TOWER SECTION)	RSLH6 210030GA-TLN	6	BOLT ASSY 5/8 X 1-3/4" A325
RSLH7A (FOR NO. 7 RSL TOWER SECTION)	RSLH7 210030GA-TLN	3	BRACE H R4 L3.5X.25X2.57'
RSLH8A (FOR NO. 8 RSL TOWER SECTION)	RSLH8 210030GA-TLN	6	BOLT ASSY 5/8 X 1-3/4" A325
RSLH9A (FOR NO. 9 RSL TOWER SECTION)	RSLH9 210030GA-TLN	3	BRACE H R5 L3.5X.25X2.81'
		6	BOLT ASSY 5/8 X 1-3/4" A325
		3	BRACE H R6 L3.5X.25X3.05'
		6	BOLT ASSY 5/8 X 1-3/4" A325
		3	BRACE H R7 L3.5X.25X3.30'
		6	BOLT ASSY 5/8 X 1-3/4" A325
		3	BRACE H R8 L3.5X.25X3.54'
		6	BOLT ASSY 5/8 X 1-3/4" A325
		3	BRACE H R9 L3.5X.25X3.77'
		6	BOLT ASSY 5/8 X 1-3/4" A325

REV	DESCRIPTION	DWN	CHK	APP
2	REVISED 3/16" HOLES TO 3/8" HOLES	ZAW	JDM	HA
	DATE: 10/19/12			



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**RSL TOWER
TOP HORIZONTAL BRACE KITS**

DWN:	ZAW	CHK'D:	JDM	DATE:	08/07/12
ENGR:	HA	SHEET #:	1 OF 1	PRI. MGR:	
PRI. ENGR:	OH	DRAWING NO.:	RSLHRZ	REV:	2

FILE NO. RSL Tower

REVISIONS			
REV	DESCRIPTION	DWN	CHK APP
1	UPDATE DRAWING TO NEW STANDARDS	ZAW	SSA HA
DATE: 09/12/12			



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RSL TOWER
STANDARD MAT FOUNDATION DETAILS

DWN:	ZAW	CHKD:	SSM	DATE:	07/11/12
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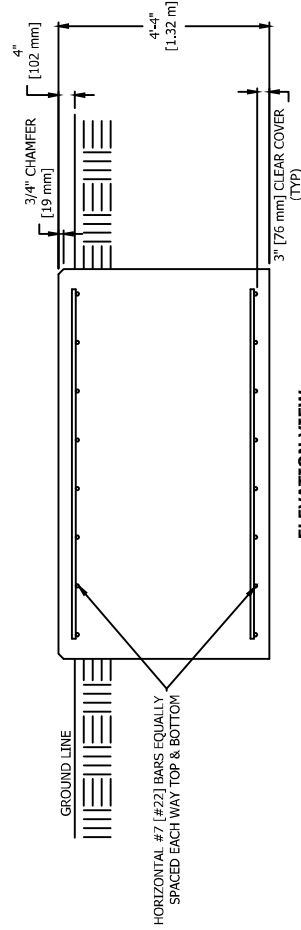
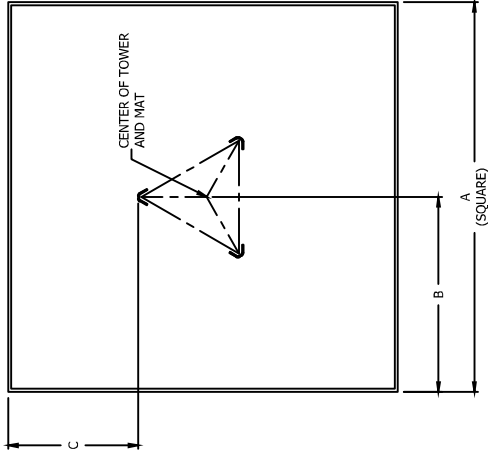
ENGR:	HA	SHEET #:	1 OF 1
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PRL ENGR:	OH	PRL MNGR:	
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DRAWING NO:	RSL-01-F1	REV:	1
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BASE SECTION REFERENCE	NOMINAL FACE WIDTH	FOUNDATION DIMENSIONS			CONCRETE (CU. YDS.) [CU. METERS]	TOTAL NO. 7 [NO. 22] BARS
		A	B	C		
2	2'-3" [0.70 m]	7'-6" [2.29 m]	3'-9" [1.14 m]	2'-4" [0.71 m]	9.0 [6.9]	32
3	2'-6" [0.78 m]	7'-9" [2.36 m]	3'-10 1/2" [1.18 m]	2'-4" [0.71 m]	9.6 [7.3]	40
4	2'-9" [0.85 m]	8'-0" [2.44 m]	4'-0" [1.22 m]	2'-4" [0.71 m]	10.3 [7.9]	40
5	3'-0" [0.93 m]	8'-3" [2.51 m]	4'-1 1/2" [1.26 m]	2'-4" [0.71 m]	10.9 [8.3]	40
6	3'-3" [1.00 m]	8'-5" [2.59 m]	4'-3" [1.30 m]	2'-3" [0.69 m]	11.6 [8.9]	40
7	3'-6" [1.08 m]	8'-6" [2.59 m]	4'-3" [1.30 m]	2'-2" [0.66 m]	11.6 [8.9]	40
8	3'-9" [1.15 m]	9'-6" [2.90 m]	4'-9" [1.45 m]	2'-6" [0.76 m]	14.5 [11.1]	40
9	4'-0" [1.23 m]	9'-9" [2.97 m]	4'-10 1/2" [1.49 m]	2'-6" [0.76 m]	15.3 [11.7]	48
10	4'-3" [1.30 m]	10'-0" [3.05 m]	5'-0" [1.52 m]	2'-6" [0.76 m]	16.0 [12.2]	48

NOTE: SEE DRAWING NO. B090548 FOR STANDARD FOUNDATION NOTES.



**STANDARD FOUNDATION NOTES
ANSI/TIA-222-G**

- STANDARD FOUNDATION DESIGNS ARE IN ACCORDANCE WITH ANSI/TIA-222-G, "STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES", SECTION 9 AND ANNEX F FOR THE FOLLOWING PRESUMPTIVE CLAY SOIL PARAMETERS:

N (lb/ft ²) [kN/m ²]	φ (deg)	Y (lb/ft ³) [kN/m ³]	C (psf) [kPa]	Ultimate Bearing (psf) [kPa]		Ultimate Skin Friction (psf) [kPa]	k (pci) [kN/m ³]	ε ₆₀
				Shallow Frds.	Deep Frds.			
8 [26]	0	110 [17]	1000 [48]	5000 [240]	9000 [431]	500 [24]	150 [41,000]	0.01

- THE PURCHASER MUST VERIFY THAT ACTUAL SITE SOIL PARAMETERS MEET OR EXCEED ANSI/TIA-222-G PRESUMPTIVE CLAY SOIL DESIGN PARAMETERS AND THAT THE PENETRATION AND/OR ZONE OF SEASONAL MOISTURE VARIATION AT THE SITE. FOUNDATION DESIGN MODIFICATIONS MAY BE REQUIRED IN THE EVENT PRESUMPTIVE CLAY SOIL PARAMETERS ARE NOT APPLICABLE FOR THE ACTUAL SUBSURFACE CONDITIONS ENCOUNTERED.
- A SITE-SPECIFIC INVESTIGATION IS REQUIRED FOR CLASS III STRUCTURES IN ACCORDANCE WITH ANSI/TIA-222-G.
- FOUNDATION DESIGNS ASSUME FIELD INSPECTIONS WILL BE PERFORMED BY THE PURCHASER'S REPRESENTATIVE TO VERIFY THAT CONSTRUCTION MATERIALS, INSTALLATION METHODS AND ASSUMED DESIGN PARAMETERS ARE ACCEPTABLE BASED ON THE CONDITIONS EXISTING AT THE SITE.
- WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES, SAFETY REGULATIONS AND UNLESS OTHERWISE NOTED, THE LATEST REVISION OF ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. CONCRETE MATERIALS SHALL CONFORM TO THE APPROPRIATE STATE REQUIREMENTS FOR EXPOSED STRUCTURAL CONCRETE.
- PROPORTIONS OF CONCRETE MATERIALS SHALL BE SUITABLE FOR THE INSTALLATION METHOD UTILIZED AND SHALL RESULT IN DURABLE CONCRETE FOR RESISTANCE TO LOCAL ANTICIPATED AGGRESSIVE ACTIONS. THE DURABILITY REQUIREMENT OF ACI 318 CHAPTER 4 SHALL BE SATISFIED BASED ON THE CONDITIONS EXPECTED AT THE SITE. AS A MINIMUM, CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4500 PSI (31.0 MPa) IN 28 DAYS.
- MAXIMUM SIZE OF AGGREGATE SHALL NOT EXCEED SIZE SUITABLE FOR INSTALLATION METHOD UTILIZED OR 1/3 CLEAR DISTANCE BEHIND OR BETWEEN REINFORCING. MAXIMUM SIZE MAY BE INCREASED TO 2/3 CLEAR DISTANCE PROVIDED WORKABILITY AND METHODS OF CONSOLIDATION SUCH AS VIBRATING WILL PREVENT HONEYCOMBS OR VOIDS.
- REINFORCEMENT SHALL BE DEFORMED AND CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60 UNLESS OTHERWISE NOTED. SPLICES IN REINFORCEMENT SHALL NOT BE ALLOWED UNLESS OTHERWISE INDICATED.
- REINFORCING CAGES SHALL BE BRACED TO RETAIN PROPER DIMENSIONS DURING HANDLING, THROUGHOUT PLACEMENT OF CONCRETE AND DURING EXTRACTION OF TEMPORARY CASING. WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENTS.

- MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE 3 INCHES (76 mm) UNLESS OTHERWISE NOTED. APPROVED SPACERS SHALL BE USED TO INSURE A 3 INCH (76 mm) MINIMUM COVER ON REINFORCEMENT. CONCRETE COVER FROM TOP OF FOUNDATION TO ENDS OF VERTICAL REINFORCEMENT SHALL NOT EXCEED 3 INCHES (76 mm) NOR BE LESS THAN 2 INCHES (51 mm).
- SPACERS SHALL BE ATTACHED INTERMITTENTLY THROUGHOUT THE ENTIRE LENGTH OF VERTICAL REINFORCING CAGES TO INSURE CONCENTRIC PLACEMENT OF CAGES IN EXCAVATIONS.
- FOUNDATION DESIGNS ASSUME STRUCTURAL BACKFILL TO BE COMPACTED IN 8 INCH (200 mm) MAXIMUM LAYERS TO 95% OF MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D698. ADDITIONALLY, STRUCTURAL BACKFILL MUST HAVE A MINIMUM COMPACTED UNIT WEIGHT OF 100 POUNDS PER CUBIC FOOT (16 kN/m³).
- FOUNDATION DESIGNS ASSUME LEVEL GRADE AT THE SITE.
- FOUNDATION INSTALLATION SHALL BE SUPERVISED BY PERSONNEL KNOWLEDGEABLE AND EXPERIENCED WITH THE PROPOSED FOUNDATION TYPE. CONSTRUCTION SHALL BE IN ACCORDANCE WITH GENERALLY ACCEPTED INSTALLATION PRACTICES.
- FOR FOUNDATION AND ANCHOR TOLERANCES SEE DRAWING A810214.
- LOOSE MATERIAL SHALL BE REMOVED FROM BOTTOM OF EXCAVATION PRIOR TO CONCRETE PLACEMENT. SIDES OF EXCAVATION SHALL BE ROUGH AND FREE OF LOOSE CUTTINGS.
- CONCRETE SHALL BE PLACED IN A MANNER THAT WILL PREVENT SEGREGATION OF CONCRETE MATERIALS, INFILTRATION OF WATER OR SOIL AND OTHER OCCURRENCES WHICH MAY DECREASE THE STRENGTH OR DURABILITY OF THE FOUNDATION.
- FREE FALL CONCRETE MAY BE USED PROVIDED FALL IS VERTICAL DOWN WITHOUT HITTING SIDES OF EXCAVATION, FORMWORK, REINFORCING BARS, FORM TIES, CAGE BRACING OR OTHER OBSTRUCTIONS. UNDER NO CIRCUMSTANCES SHALL CONCRETE FALL THROUGH WATER.
- CONCRETE SHALL BE PLACED AGAINST UNDISTURBED SOIL EXCEPT FOR PIERS OR PAD FOUNDATIONS. FORMS FOR PIERS SHALL BE REMOVED PRIOR TO PLACING STRUCTURAL BACKFILL.
- CONSTRUCTION JOINTS, IF REQUIRED IN PIER MUST BE AT LEAST 12 INCHES (305 mm) BELOW BOTTOM OF EMBEDMENTS AND MUST BE INTENTIONALLY ROUGHENED TO A FULL AMPLITUDE OF 1/4 INCH (6 mm). FOUNDATION DESIGN ASSUMES NO OTHER CONSTRUCTION JOINTS.
- CASING, IF USED, SHALL NOT BE LEFT IN PLACE. EQUIPMENT, PROCEDURES, AND PROPORTIONS OF CONCRETE MATERIALS SHALL INSURE CONCRETE WILL NOT BE ADVERSELY DISTURBED UPON CASING REMOVAL. DRILLING FLUID, IF USED, SHALL BE FULLY DISPLACED BY CONCRETE AND SHALL NOT BE DETRIMENTAL TO CONCRETE OR SURROUNDING SOIL. CONTAMINATED CONCRETE SHALL BE REMOVED FROM TOP OF FOUNDATION AND REPLACED WITH FRESH CONCRETE.
- TOP OF FOUNDATION SHALL BE SLOPED TO DRAIN WITH A FLOATED FINISHED. EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4" X 3/4" (19 mm X 19 mm) MINIMUM.
- FOR ANCHOR BLOCK TYPE FOUNDATIONS, FOR GUYED TOWERS, ADDITIONAL CORROSION PROTECTION MAY BE REQUIRED FOR STEEL GUY ANCHORS IN DIRECT CONTACT WITH SOIL. DESIGN ASSUMES PERIODIC INSPECTIONS WILL BE PERFORMED OVER THE LIFE OF THE STRUCTURE TO DETERMINE IF ADDITIONAL ANCHOR CORROSION PROTECTION MEASURES MUST BE IMPLEMENTED BASED ON OBSERVED SITE-SPECIFIC CONDITIONS.

FILE NO.

REVISIONS		DWN	CHK	APP
REV	DESCRIPTION			
2	REVISED FOR 7' TO 8'00' PSI	JHY	HA	HA
	DATE: 2/10/2014			



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**ANSI/TIA-222-G
STANDARD FOUNDATION NOTES**

DWN:	FAD	CHKD:	HA	DATE:	Nov/20/2009	
ENGR:				SHEET #:	1 OF 1	
PCL ENGR:				PCL MANGER:		
DRAWING NO:	B090548				REV:	2

FILE NO.	Standard-SSV			
	REVISIONS			
REV#	DESCRIPTION	DWGN	CHKD	APPD
8	REDRAWN TO 14/02/20	JDA	JDA	H.A.
	DATE: 30/11/2006			

FOUNDATION AND ANCHOR TOLERANCES
ALL FOUNDATIONS

1. CONCRETE DIMENSIONS - PLUS OR MINUS 1" (25mm).
2. DEPTH OF FOUNDATION - PLUS 3" (76mm) OR MINUS 0".
3. DRILLED FOUNDATIONS OUT OF PLUMB - 1.0 DEGREE.
4. REINFORCING STEEL PLACEMENT - PER A.C.I. 301.
5. PROJECTION OF EMBEDMENTS - PLUS OR MINUS 1/8" (3mm).
6. VERTICAL EMBEDMENTS OUT OF PLUMB - 0.5 DEGREE.

ANCHOR BOLTS

7. MAXIMUM DISTANCE FROM CENTERLINE OF ANCHOR BOLTS TO CENTERLINE OF FOUNDATION - 1/24 OF PIER DIAMETER UP TO A MAXIMUM OF 2" (51mm).
8. ANCHOR BOLT SPACING - 1/16" (2mm).
9. ANCHOR BOLT CIRCLE ORIENTATION - 0.25 DEGREE.
10. ANCHOR BOLT CIRCLE DIAMETER - PLUS OR MINUS 1/16" (2mm).

SELF-SUPPORTING TOWERS

11. FACE SPREAD DIMENSION CENTER TO CENTER OF ANCHOR BOLT CIRCLES - PLUS OR MINUS 1/16" (2mm) OR 1/16" (2mm) PER 20 FT. (6m) OF FACE SPREAD.
12. MAXIMUM DIFFERENCE BETWEEN ANY TWO FOUNDATION ELEVATIONS - 1/2" (13mm).

GUYED TOWERS

13. GUY RADIUS - PLUS OR MINUS 5% OF DISTANCE SPECIFIED.
14. ANCHOR ELEVATION - PLUS OR MINUS 5% OF GUY RADIUS.
15. ANCHOR ALIGNMENT (PERPENDICULAR TO GUY RADIUS) - 1.0 DEGREE.
16. ANCHOR ROD SLOPE - PLUS OR MINUS 1.0 DEGREE.
17. ANCHOR ROD ALIGNMENT WITH GUY RADIUS PLUS OR MINUS 1.0 DEGREE.
18. ANCHOR HEAD OUT OF PLUMB - 1.0 DEGREE.
19. GUY INITIAL TENSION - PLUS OR MINUS 10% OF TENSION SPECIFIED.

NOTE: TOLERANCES IN NOTES 13 AND 14 CAN NOT OCCUR SIMULTANEOUSLY

WARNING!!!

AFTER ANCHOR BOLTS ARE INSTALLED IN CONCRETE HAS TAKEN ITS INITIAL SET, ANCHOR BOLTS MUST NOT BE MOVED, BENT OR REALIGNED IN ANY MANNER. A NUT LOCKING DEVICE MUST BE INSTALLED ON ALL ANCHOR BOLTS.

DWG REFERENCE	

ROHN
PRODUCTS
6718 WEST PLANK ROAD
ROCKDALE, IL 61410
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DWGN:	CSR	CHKD:	KTL	DATE:	Sep/25/1987	
ENGR:	XK					
DRAWING NO:	A810214				REV:	8