

GPS ANTENNA (PROVIDED BY AT&T INSTALLED BY

1-1/2"øX3'-0" MAX GALVANIZED STEEL MOUNTING PIPE

CONTRACTOR)

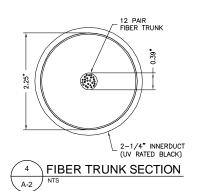
GROUND KIT

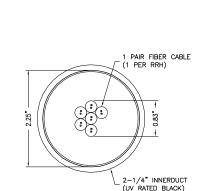
LOCATION OF ANTENNA MUST HAVE CLEAR VIEW OF SOUTHERN SKY AND CANNOT HAVE ANY BLOCKAGES EXCEEDING 25% OF THE SURFACE AREA OF A HEMISPHERE AROUND THE GPS ANTENNA.

6 AWG GROUND WIRE - TO CADWELD ON POST OR LUG ON GROUND BAR

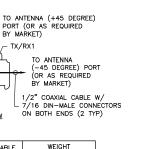
COAX CABLE (AS - REQUIRED BY ANTENNA MANUFACTURER)

SINGLE FIBER 7MM/0.28\* USE GROMMET ROSENBERGER: CX603-HA0711 ANT: 13854 WITH 7/8" SNAPSTACK SNAP-INS SINGLE PAIR DC POWER 15.4MM/0.61" USE GROMMET
ROSENBERGER: CX604-HA1117
ANT: 13853 WITH 7/8" SNAPSTACK SNAP-INS





6 SINGLE 1 PAIR FIBER SECTION A-2



PORT (OR AS REQUIRED BY MARKET)

\ A-2

SIZE AND WEIGHT TABLE

RRH BOTTOM VIEW

GROUND -

CPRI-S ¬

FIBER ENTRY

GIGE -

A-2

SIZE AND WEIGHT TABLE				
RRH	WIDTH	DEPTH	HEIGHT W/O CABLE MANAGEMENT COVER	WEIGHT W/O BRACKET
RRH 700 MHz 2X40 (80W)	12.2"	10.8"	21.0"	51 LBS
RRH AWS 2X40 (80W)	12.0"	9.0"	25.0"	43 LBS (W/O SOLAR SHIELD

L DC ENTRY TX MON2 -

TX/RX2 -

- ALM 1-3

\_ ALARM CABLE

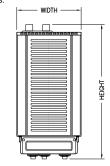
\_ ALM 4-6

\_\_\_ AISG - (IF USED FOR RET)

NOTE:
DIMENSIONS INCLUDE MOUNTING BRACKET, SOLAR SHIELD AND CONNECTORS.

MINIMUM	CLEARANCE	TABLE
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N	MINIMUM CLEARANCE TABLE					
	RRH CABINET	CLEARANCES (INCHES)	COMMENTS			
	FRONT	36.0"	INSTALLATION ACCESS			
	REAR	2.0"	ZERO REAR CLEARANCE IS ALLOWED USING SUPPLIED MOUNTING BRACKETS			
	RIGHT	4.0"	AIR FLOW			
	LEFT	4.0"	AIR FLOW			
	TOP	12.0"	AIR FLOW			
	воттом	12.0"	CONDUIT ROUTING			

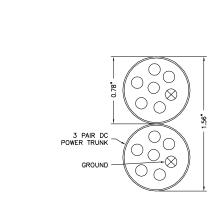


 ALL GPS ANTENNA LOCATIONS MUST BE ABLE TO RECEIVE CLEAR SIGNALS FROM A MINIMUM OF FOUR (4) SATELLITES. VERIFY WITH HANDHELD GPS BEFORE FINAL LOCATION OF GPS ANTENNA. GPS ANTENNA MOUNTING DETAIL A-2

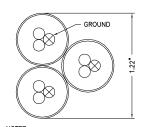
PIPE MOUNT KIT ANDREW PART# -GP-S24 (OR EQUAL)

CABLE BRIDGE POST OR SIMILAR POST

NOTES:



3 PAIR DC POWER SECTION A-2



NOTES:
1. (1) PAIR DC POWER RSS B (1 PER RRH, 6 TOTAL)
2. SECURE TO CABLE BRIDGE AND TOWER WITH 1-1/4" SNAPSTACK SNAP-INS

1 PAIR POWER SECTION A-2

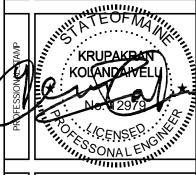


NB+C ENGINEERING SERVICES, LLC.



ME5372 LUCAS TREE 636 RIVERSIDE STREET PORTLAND,ME 04103 CITY OF PORTLAND

		REVISIONS					
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DESIGN RECORD	l						
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<u>S</u>	l	3	06/06/14	REVISED PER COMMENTS	DAK		
DES	l	2	05/22/14	PRELIMINARY CDs	DAK		
	l	1	03/20/14	REVISED PER COMMENTS	DAK		
		0	10/10/13	PRELIMINARY ZDs	DAK		
		REV	DATE	DESCRIPTION	BY		



RUPAKARAN KOLANDAIVELU P.E. ME PROFESSIONAL ENGINEER LIC. #12979

**DETAILS** 

SHEET TITLE

SHEET NUMBER

A-2

5 ERICCSON RRUS 11 REMOTE RADIO HEAD (RRH)

A-2