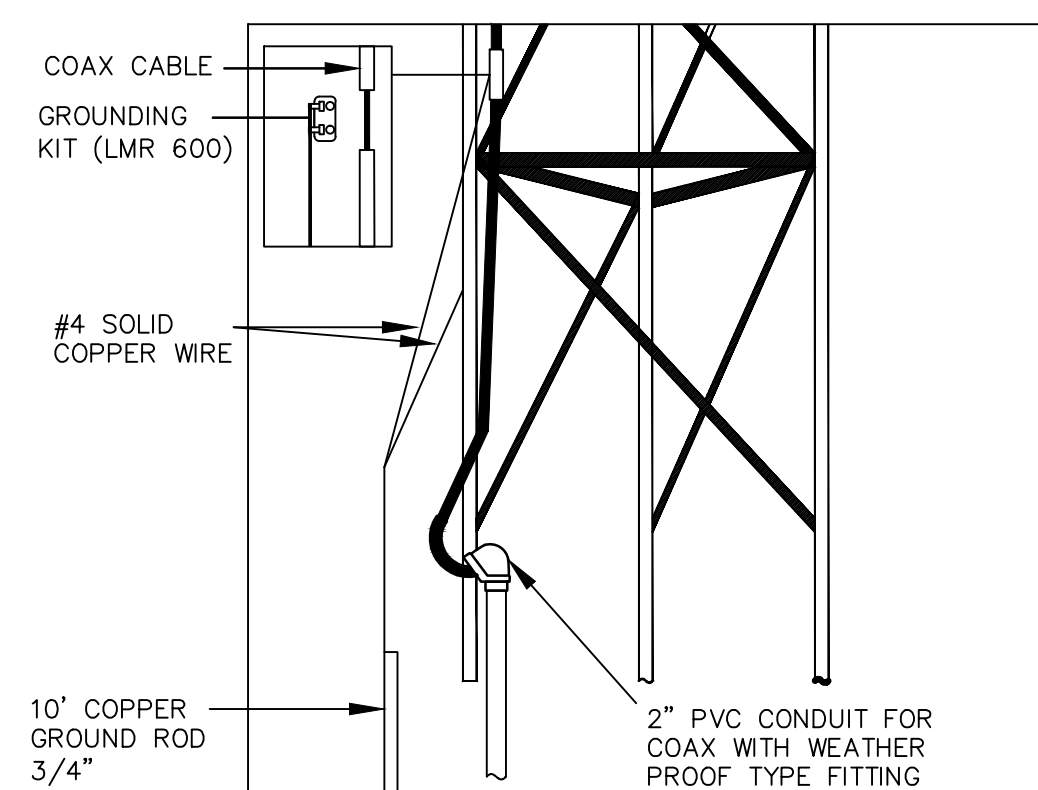


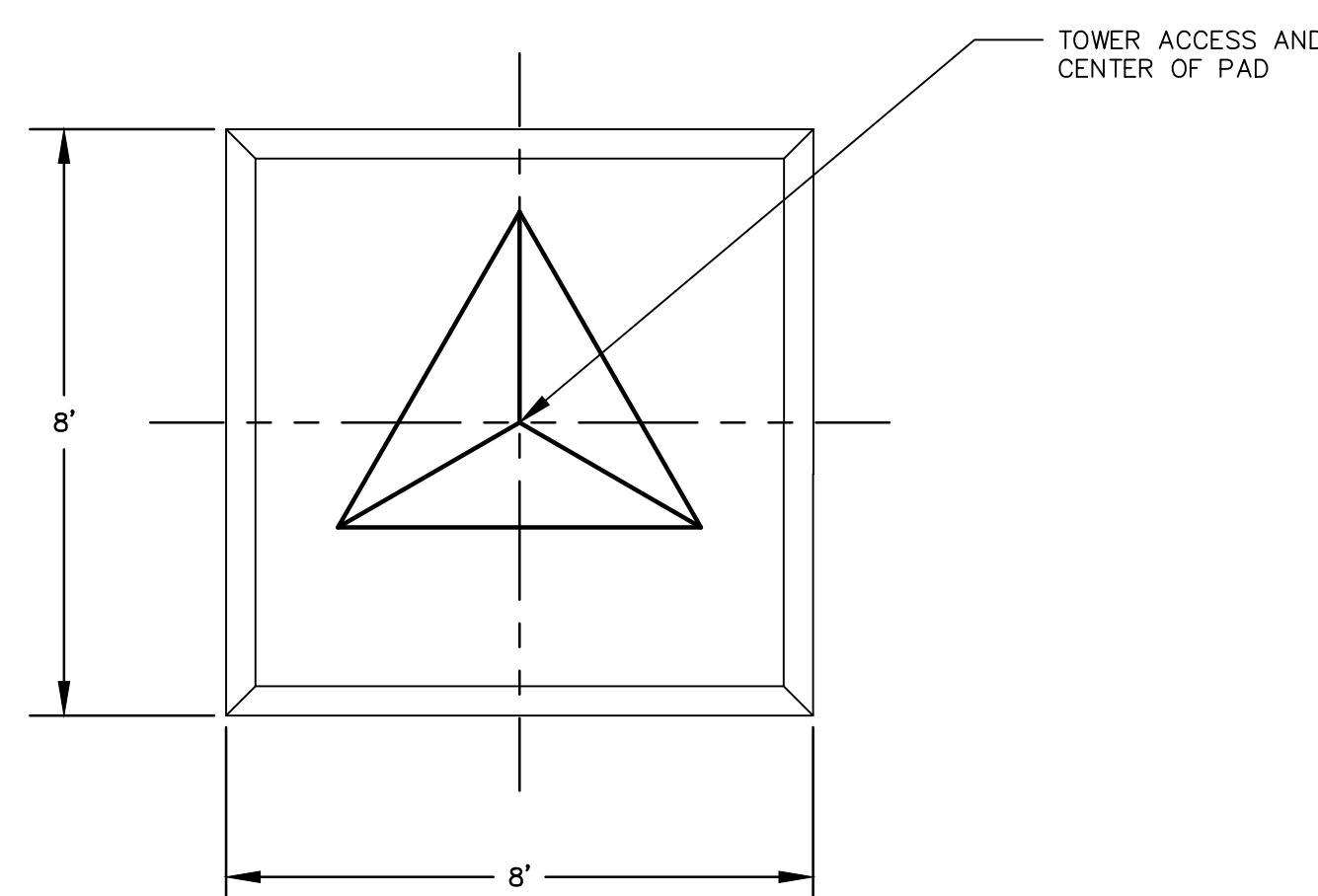
ANTENNA AND COAX CONNECTION MUST BE WRAPPED WITH A PLIABLE MASTIC TAPE, THEN WRAPPED WITH ELECTRICAL TAPE FOR A WEATHERPROOF CONNECTION.

COAX CABLE MUST BE TIED TO TOWER USING NYLON, WEATHER RESISTANT, 120 LB. TENSILE RATED, TIE WRAPS (PANDUIT MOD. DT4EH-LO) OR STAINLESS STEEL ADJUSTABLE BANDS. TIE WRAPS OR BANDS MUST BE PLACED EVERY 3 FEET.

NOT TO SCALE



NOT TO SCALE



10' STANDARD SECTION
(MODEL R-65G)

SEE DETAIL FOR COAX AND
TOWER GROUNDING

— BASE RISERS 2" MINIMUM PROJECTION
ABOVE THE FINISHED CONCRETE

— 5' SHORT BASE (MODEL R-SB65GH Qty.1)

ENCASE BASE IN CONCRETE AS SHOWN

7 BARS 12" ON CENTER, $\angle$
EACH WAY, TOP AND BOTTOM

MINIMUM 2" PVC CONDUIT
TO SCADA / RTU PANEL

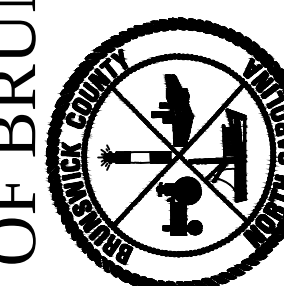
- SEE ROHN INSTALLATION INSTRUCTION FOR INSTALLING ANTENNA TOWER @ www.rohnnet.com

ANTENNA TOWER DETAIL

NOT TO SCALE

1. TOWER HEIGHT TO BE DETERMINED BY A RADIO PATH STUDY TO PROVIDE A SIGNAL STRENGTH OF -80 DB OR LESS.
2. RADIO PATH STUDY TO BE SUBMITTED BY ENGINEER PRIOR TO PLAN APPROVAL. CONTACT BRUNSWICK COUNTY PUBLIC UTILITIES FOR DETAILS.
3. BRUNSWICK COUNTY WILL NOT ACCEPT PUMP STATION FACILITIES IF SIGNAL STRENGTH IS NOT -80 DB OR LESS.
4. ANTENNA TOWER HEIGHT IS TO BE A MINIMUM OF 40 FEET.
5. ANTENNA TOWERS GREATER THAN 60 FEET IN HEIGHT REQUIRE DOWN GUYS PER ROHN TOWER GUYING SPECIFICATIONS FOR A 65G SERIES TOWER.
6. CONTACT BRUNSWICK COUNTY PUBLIC UTILITIES FOR CURRENT ANTENNA MODEL.
7. CONTACT BRUNSWICK COUNTY PUBLIC UTILITIES FOR CURRENT RADIO MODEL FOR SCADA/RTU PANEL.
8. ROHN FOUNDATION DESIGN PARAMETERS ARE:
 - A) PRESUMPTIVE SOIL TYPE IS CLAY SOIL.
 - B) WATER TABLE IS BELOW FOUNDATION DEPTH AND DRY SOIL CONDITIONS.
 - C) FROST DEPTH LESS THAN OR EQUAL TO 3.5 FEET.
 - D) SOILS ARE NON-CORROSIVE.
 - E) SOILS ARE NON-EXPANSIVE.
9. PRIOR TO FOUNDATION INSTALLATION THE ENGINEER SHALL INVESTIGATE THE EXISTING SITE AND SOIL CONDITIONS TO DETERMINE WHETHER ANY MODIFICATIONS ARE REQUIRED TO THE STANDARD ROHN FOUNDATION DESIGN.

COUNTY OF BRUNSWICK



SCADA ANTENNA DETAIL
FOR
BRUNSWICK COUNTY
NORTH CAROLINA

Date: 04-20-12
Scale: NTS
Drawn By: JDM
Checked By: WLP