

TOWER MODIFICATION DRAWINGS

SITE NAME: PORTLAND WARREN AVE
BU NUMBER: 878782

PROJECT CONTACTS:

1. CROWN TOWER STRUCTURAL ANALYST

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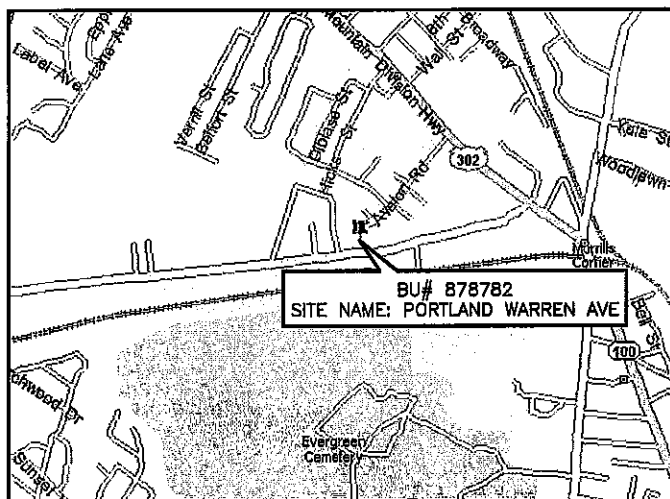
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TULSA, OKLA. 74119

SITE ADDRESS:

WARREN AVE,
PORTLAND, ME 04103
CUMBERLAND COUNTY, USA



MAP

DIRECTIONS

ROUTE 95 NORTH MAINE TURNPIKE TO EXIT 8 WESTBROOK. AFTER TOLL MAKE A RIGHT ON RIVERSIDE DRIVE. GO ABOUT 3/4 OF A MILE TO LIGHT AT WARREN AVENUE. MAKE A RIGHT ON WARREN AVENUE. TOWER IS ABOUT 1 MILE ON WARREN AVE. ON THE RIGHT. TOWER IS A MONOPOLE.

TOWER INFORMATION

TOWER MANUFACTURER / DWG #: PITTSBURG MONOPOLE DIV. / 96088-88
TOWER HEIGHT / TYPE: 180' MONOPOLE
TOWER LOCATION: LAT. 43° 41' 15.16"
DATUM: (NAD 1983) LONG. -70° 18' 14.96"
ELEV. 92 FT AMSL
STRUCTURAL DESIGN DRAWING REPORT: B+T GROUP / WO. # 580875
STRUCTURAL ANALYSIS REPORT: CROWN CASTLE / WO # 539485
STRUCTURAL ANALYSIS DATE: 10/23/12
CCISITES DOCUMENT ID: 3353442

CODE COMPLIANCE

THIS REINFORCEMENT DESIGN IS BASED ON THE REQUIREMENTS OF TIA-222-G STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES USING A 3-SECOND GUST WIND SPEED OF 100 MPH WITH NO ICE, 40 MPH WITH 1 INCH ICE THICKNESS AND 60 MPH UNDER SERVICE LOADS, EXPOSURE CATEGORY C.

DRAWINGS INCLUDED

SHEET NUMBER	DESCRIPTION
S1	TITLE SHEET
S2	MODIFICATION INSPECTION NOTES AND CHECKLIST
S3	GENERAL NOTES, AJAX BOLT NOTES AND DETAIL
S4	TOWER ELEV., SCHEDULES & TX LINE DIST. DIAG.
S5	TOWER SECTION AT ELEV. 20'
S6	TOWER SECTION AT ELEV. 60'
S7	TOWER SECTION AT ELEV. 140'
D1	BRIDGE STIFFENER DETAIL

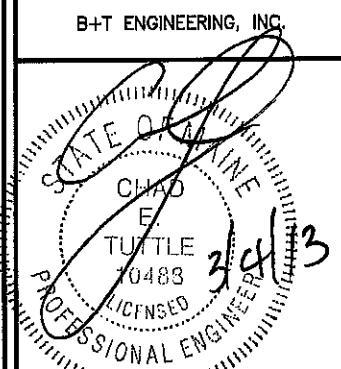
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ISSUED FOR:

REV	DATE	DESCRIPTION
0	03/04/13	ISSUED FOR CONSTRUCTION

PROJECT NO: 88959.001.01
PROJECT ENG: KIRAN MAROJU
DRAWN BY: UUUJ / TEW
CHECKED BY: SSC / SSV



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

PORTLAND WARREN AVE
878782
180' WARREN AVE,
PORTLAND, ME
EXISTING 180' MONOPOLE

SHEET TITLE
TITLE SHEET

SHEET NUMBER: **S1**
REVISION: **0**