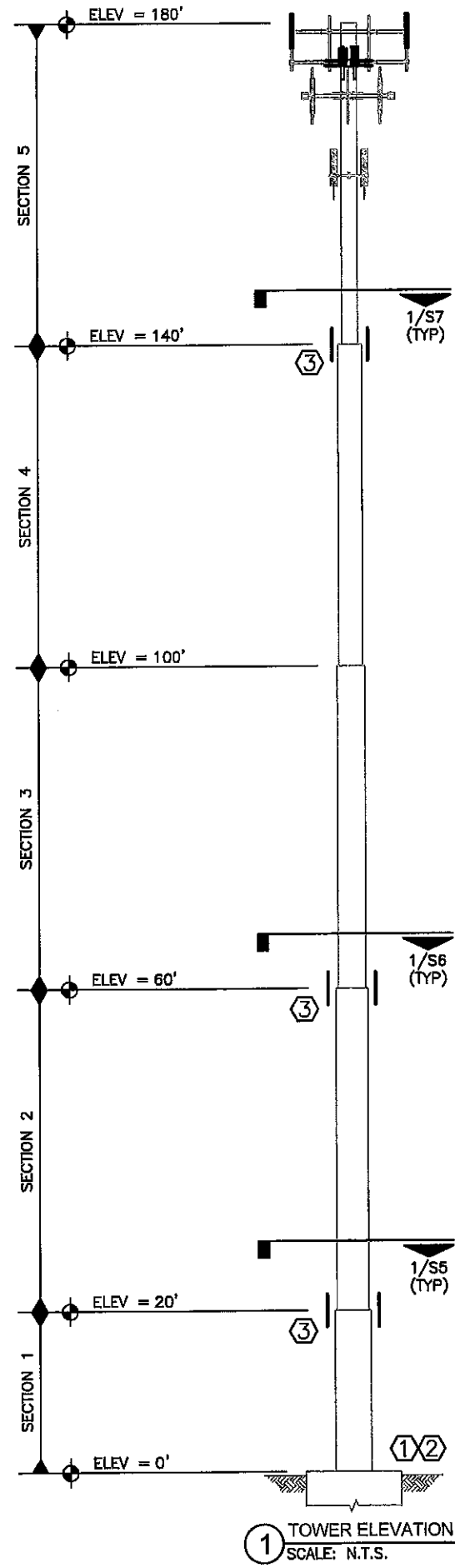


S:\Projects\Crown Castle\86959\_878782\_Portland Warren Ave\TOW MOD\86959.001.01\_Portland Warren Ave 878782 TOW MOD.dwg - SheetS4 - User: TWilliams - March 4, 2013 - 3:52 PM

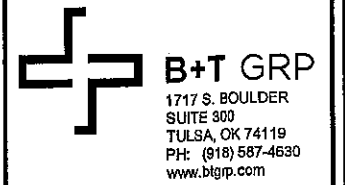
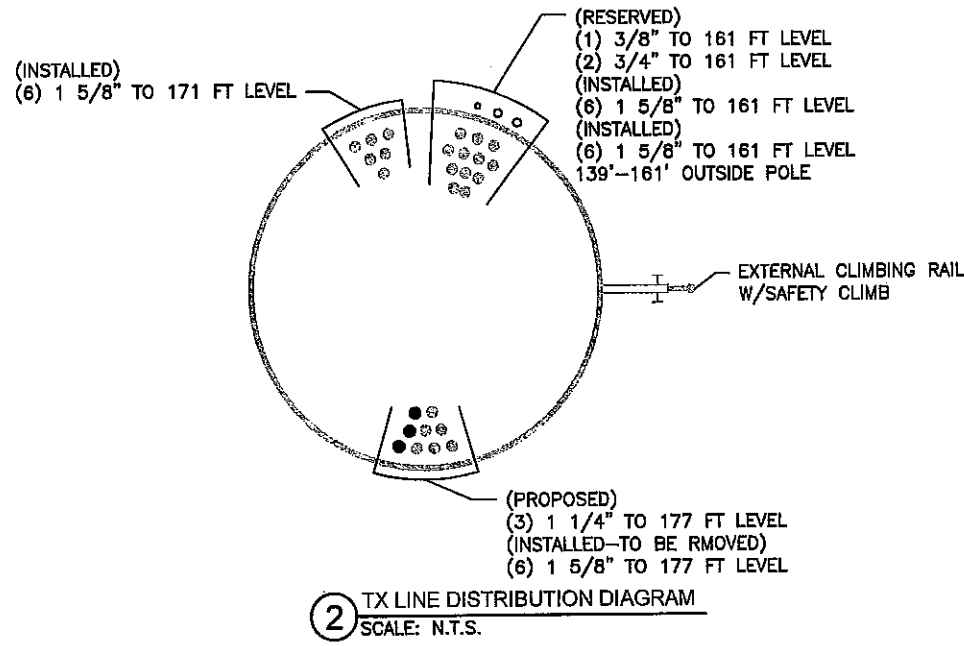


EXISTING MEMBER SCHEDULE	
SECTION	DIAMETER
1	54"Øx5/8" PIPE
2	48"Øx5/8" PIPE
3	42"Øx1/2" PIPE
4	36"Øx1/2" PIPE
5	24"Øx3/8" PIPE

EXISTING TOWER HAS BEEN PREVIOUSLY MODIFIED.  
REFERENCE DRAWINGS BY CROWN CASTLE DATED 04/28/12

- NOTES:**
1. AJAX BOLTS ARE TO BE 20mm DIAMETER WITH CORRESPONDING 29mm DIAMETER SLEEVE WITH MATCHING STEEL GRADE.
  2. ALL STEEL SHALL BE HOT-DIP GALVANIZED AFTER FABRICATOR IN ACCORDANCE WITH ASTM A123. ALTERNATIVELY, ALL NEW STIFFENER PLATE STEEL REINFORCING MAY BE COLD GALVANIZED AS FOLLOWS: APPLY A MINIMUM OF TWO COATS OF ZRC-BRAND ZINC-RICH GOLD GALVANIZING COMPOUND. FILM THICKNESS, 1-800-831-3275 FOR PRODUCT INFORMATION.
  3. ALL REINFORCING SHALL BE ASTM A516 OR A514-GR B (Fy = 100 ksi, Fu = 110 ksi)
  4. ALL SHIMS SHALL BE ASTM A36.
  5. HOLES FOR AJAX BOLTS AND SHEAR SLEEVES ARE 30mm UNLESS NOTED OTHERWISE.
  6. SHOP WELDS ARE ASSUMED EBOXX OR GREATER, PER STANDARD SPLICE DETAIL.

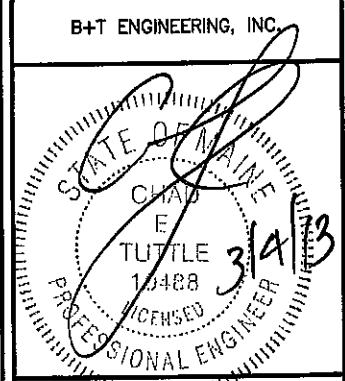
- TOWER MODIFICATIONS:**
1. CONTRACTOR SHALL BUDGET A SITE VISIT TO CHECK CRITICAL DIMENSIONS AND VERIFY UNKNOWN CONDITIONS PRIOR TO STEEL FABRICATION.
  2. THE NEW AND EXISTING TRANSMISSION LINES MUST BE DISTRIBUTED AS SHOWN IN THE TX LINE DIST. DIAGRAM RE: DETAIL 2/S4.
  3. INSTALL NEW BRIDGE STIFFENERS RE: SHEET S5 THRU S7.
    - \* CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR ALL REMOVE AND REPLACE PROCEDURES.
    - \*\* MODIFICATIONS SHALL BE COMPLETED PRIOR TO ADDING THE PROPOSED APPURTENANCES.



**ISSUED FOR:**

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

PROJECT NO: 86959.001.01  
PROJECT ENG: KIRAN MAROJU  
DRAWN BY: UJJ/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  
188 WARREN AVE,  
PORTLAND, ME  
EXISTING 180' MONOPOLE

SHEET TITLE  
TOWER ELEV., SCHEDULES,  
TX LINE DIST. DIAGRAM  
AND GENERAL NOTES

SHEET NUMBER: **S4**  
REVISION: **0**