

SEE CHART



88'-10 1/2" 133'-10 1/2" 178'-10 1/2" 238'-10 1/2'

10268

10461

10654

10847

11041

11234

11427

11620

11814

12007

12200

12393

12586

12780

12973

13166

13359

13553

13746

10876

11009

11141

11274

11406

11538

11671

11803

11935

12068

12200

12332

12465

12597

12729

12862

12994

13126

13259

9595

9856

10116

10377

10637

10898

11158

11419

11679

11940

12200

12460

12721

12981

13242

13502

13763

14023

14284

7/8"

6550

6815

7080

7345

7610

7875

8140

8405

8670

8935

9200

9465

9730

9995

10260

10525

10790

11055

11320

ANTENNAS: TOP - (1) BEACON 250' - (3) ANTEL BCD-4509 LEG MOUNTED WITH (3) 1-1/4" LINES (1) ANTENNA SPECIALIST ASP-973 ON (1) 6' PIVOT ARM WITH 7/8" LINE 220' - (1) ANTENNA SPECIALIST ASP-973 ON (1) 6' PIVOT ARM WITH 1-5/8" LINE 205' - (1) RFS BA6312-1 ON (1) 6'PIVOT ARM WITH 7/8" LINE 197' - (3) ANDREW PCS-06516-OD LEG MOUNTED WITH (6) 1-5/8" LINES 193' - (3) KATHREIN 742-215 LEG MOUNTED WITH (6) 1-5/8" LINES 185' - (3) ANDREW PCS-06516-0D LEG MOUNTED WITH (6) 1-5/8" LINES 183' - (3) ALLGON 7392.00 LEG MOUNTED WITH (6) 1-5/8" LINES 181' - (3) KATHREIN 742-215 LEG MOUNTED WITH (6) 1-5/8" LINES 175' - (3) ALLGON 7392.00 LEG MOUNTED WITH (6) 1-5/8" LINES 165' - (3) ALLGON 7392.00 LEG MOUNTED WITH (6) 1-5/8" LINES 160' - (5) JAYBEAM WIRELESS X65-13-AAA LEG MOUNTED WITH (10) 1-5/8" LIES 150' - (3) TIL-TEK TA3307-65 LEG MOUNTED WITH (6) 1-5/8"LINES 135' - (3) KATHREIN AP18-1940 LEG MOUNTED WITH (6) 1-5/8" LINES 130' - (4) 2' HP DISHES WITH (4) 1/2" LINES 125' - (1) KATHREIN 2' SOLID DISH WITH 1/2" LINE 110' - (2) 2' HP DISHES WITH (2) 1/2" LINES 100' - (5) STELLA DORADUS 35 SD98XXN-V LEG MOUNTED WITH (5) 1/2" LINES 90' - (3) TIL-TEK TA3307-65 LEG MOUNTED WITH (6) 1-5/8'LINES 75' - (1) 3' SOLID DISH WITH (2) 5/8" LINES 65' - (1) 2' HP DISH WITH (1) 1/2" LINE 50' - (1) 2' HP DISH WITH (1) 1/2" LINE 40' - (1) 2' HP DISH WITH (1) 1/2" LINE

FEEDLINES ARE TO BE EQUALLY DISTRIBUTED TO ALL THREE FACES AND STACKED NO MORE THEN THREE ROWS DEEP.

20' - (1) 2' HP DISH WITH (1) 1/2" LINE

/1\ 2-10-2009; REVISED ANTENNA LIST AND REACTIONS

248 FT (75.6M) GUYED TOWER BERMUDA POLICE SERVICE WARWICK CAMP, BERMUDA



AeroSolutions LLC Tower Upgrades and Maintenance

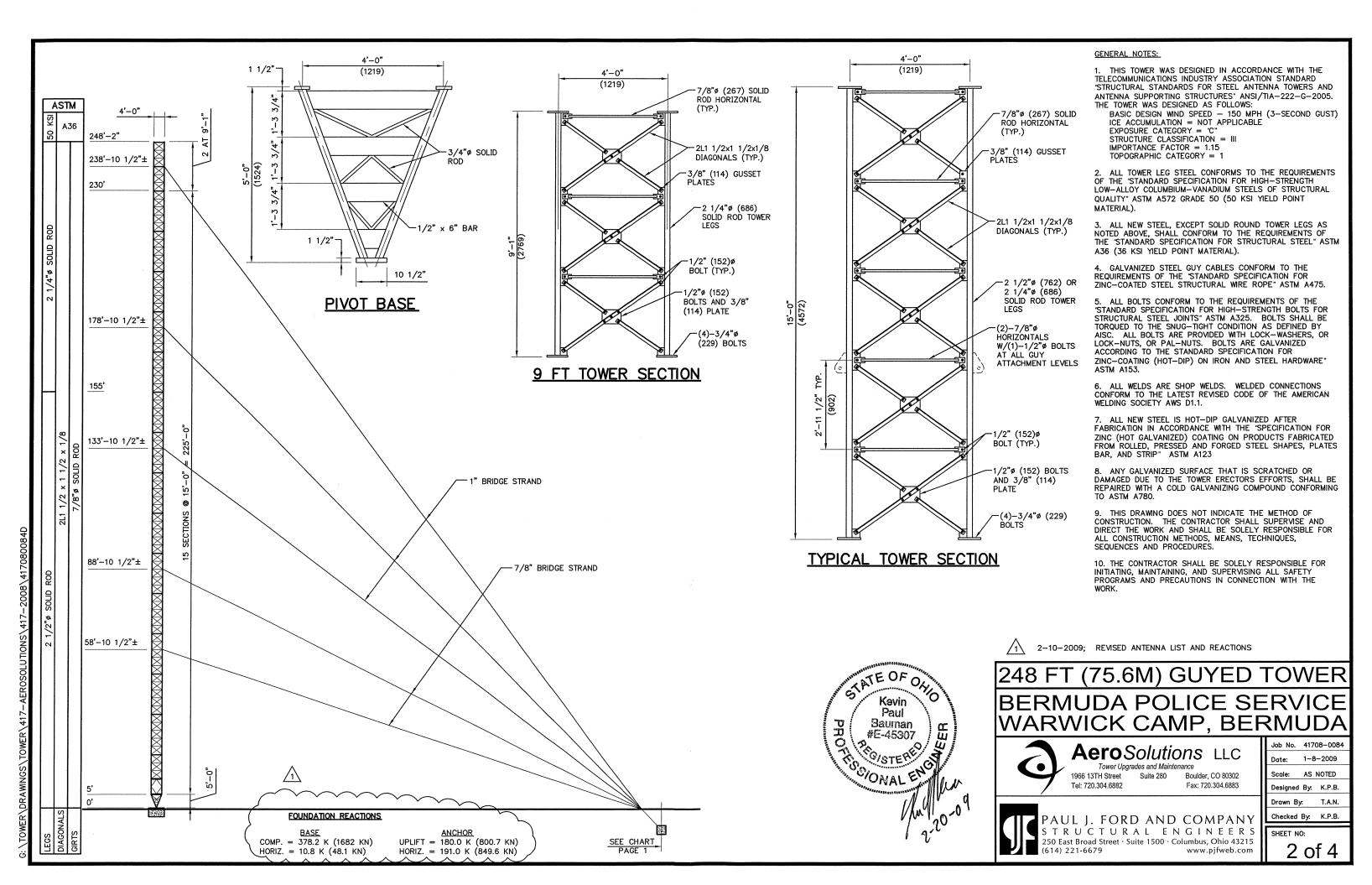
1966 13TH Street Suite 280 Boulder, CO 80302 Fax: 720.304.6883 Tel: 720.304.6882

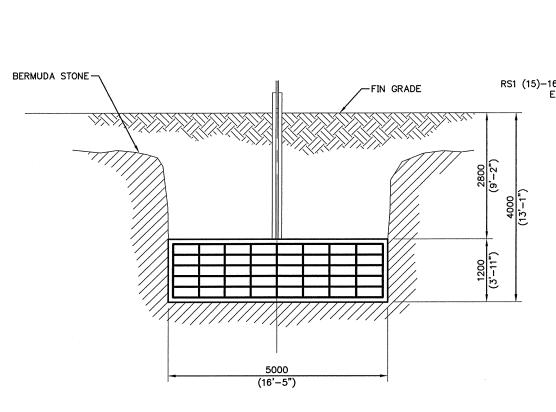
PAUL J. FORD AND COMPANY STRUCTURAL ENGINEERS 250 East Broad Street · Suite 1500 · Columbus, Ohio 43215 www.pjfweb.com

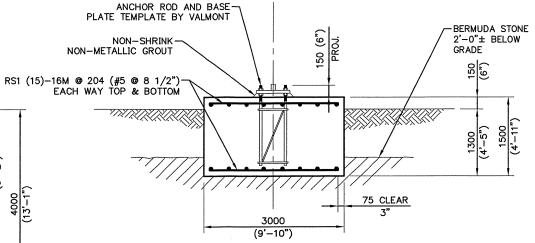
Job No. 41708-0084 1-8-2009 Scale: AS NOTED Designed By: K.P.B. Drawn Bv: Checked By: K.P.B.

SHEET NO:

of 4





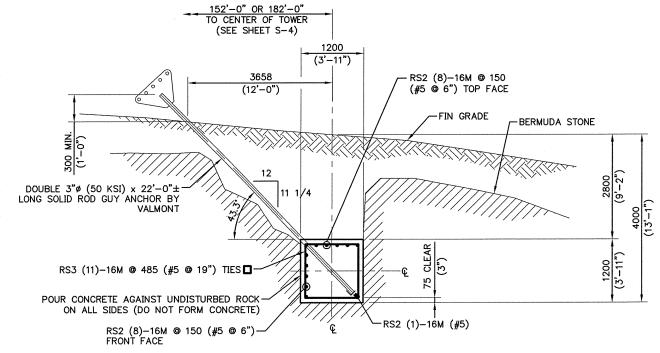


BASE FOUNDATION

REINFORCING STEEL			
MARK	QTY	SIZE	LENGTH
RS1	60	#5	9'-4"
		16M	2850
RS2	48	# 5	15'–11"
		16M	4850
RS3	33	#5	14'-2"
		16M	4350
1125 (3'-5") 1125 (3'-5") 75 (3")			
RS3 75 (3")			

FOUNDATION GENERAL NOTES

- 1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF AT LEAST 3000 PSI AT 28 DAYS. CONCRETE SHALL BE PROPORTIONED AND PRODUCED TO HAVE A SLUMP OF NOT MORE THAN 4" PLUS OR MINUS 1/2" FOR ALL CONCRETE.
- 2. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60. ALL REINFORCEMENT SHALL BE SUPPORTED AND FASTENED TOGETHER WITH WIRE TIES TO PREVENT DISPLACEMENT BY CONSTRUCTION LOADS DURING THE PLACING OF CONCRETE.
- 3. THE FOUNDATION CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE LOCAL BUILDING OFFICIALS FOR ANY INSPECTIONS THAT MAY BE REQUIRED.
- 4. LOOSE MATERIAL SHALL BE REMOVED FROM BOTTOM OF EXCAVATION PRIOR TO CONCRETE PLACEMENT.
- 5. CONCRETE SHALL BE DISCHARGED FROM THE MIXER WITHIN 1-1/2 HOURS AFTER WATER HAS BEEN ADDED AT THE READY MIX PLANT. WATER SHALL NOT BE ADDED TO THE MIX AT THE SITE.
- 6. CONCRETE SHALL BE DEPOSITED CONTINUOUSLY, OR IN LAYERS OF SUCH THICKNESS THAT NO CONCRETE WILL BE DEPOSITED ON CONCRETE WHICH HAS HARDENED SUFFICIENTLY TO CAUSE FORMATION OF SEAMS OR PLANES OF WEAKNESS WITHIN THE SECTION.
- 7. ACCELERATORS SUCH AS CALCIUM CHLORIDE SHALL NOT BE USED EXCEPT BY PERMISSION OF AERO SOLUTIONS.
- 8. ALL CONCRETE SHALL BE CONSOLIDATED BY VIBRATION.
- 9. CONCRETE SHALL BE PROTECTED DURING POUR AND CURE PERIODS FROM DIRECT SUN AND WIND EXPOSURE BY SUCH MEANS AS ARE NECESSARY TO PREVENT EXCESSIVE TEMPERATURE BUILD UP AND PREMATURE DRYING.
- 10. CONCRETE = 46 CUBIC YARDS (35.1 CU METERS) TOTAL.



RE-45307

Bauman

#E-45307

WALEN

WAR 1609

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AeroSolutions LLC
Tower Upgrades and Maintenance

1966 13TH Street Suite 280
Tel: 720.304.6882

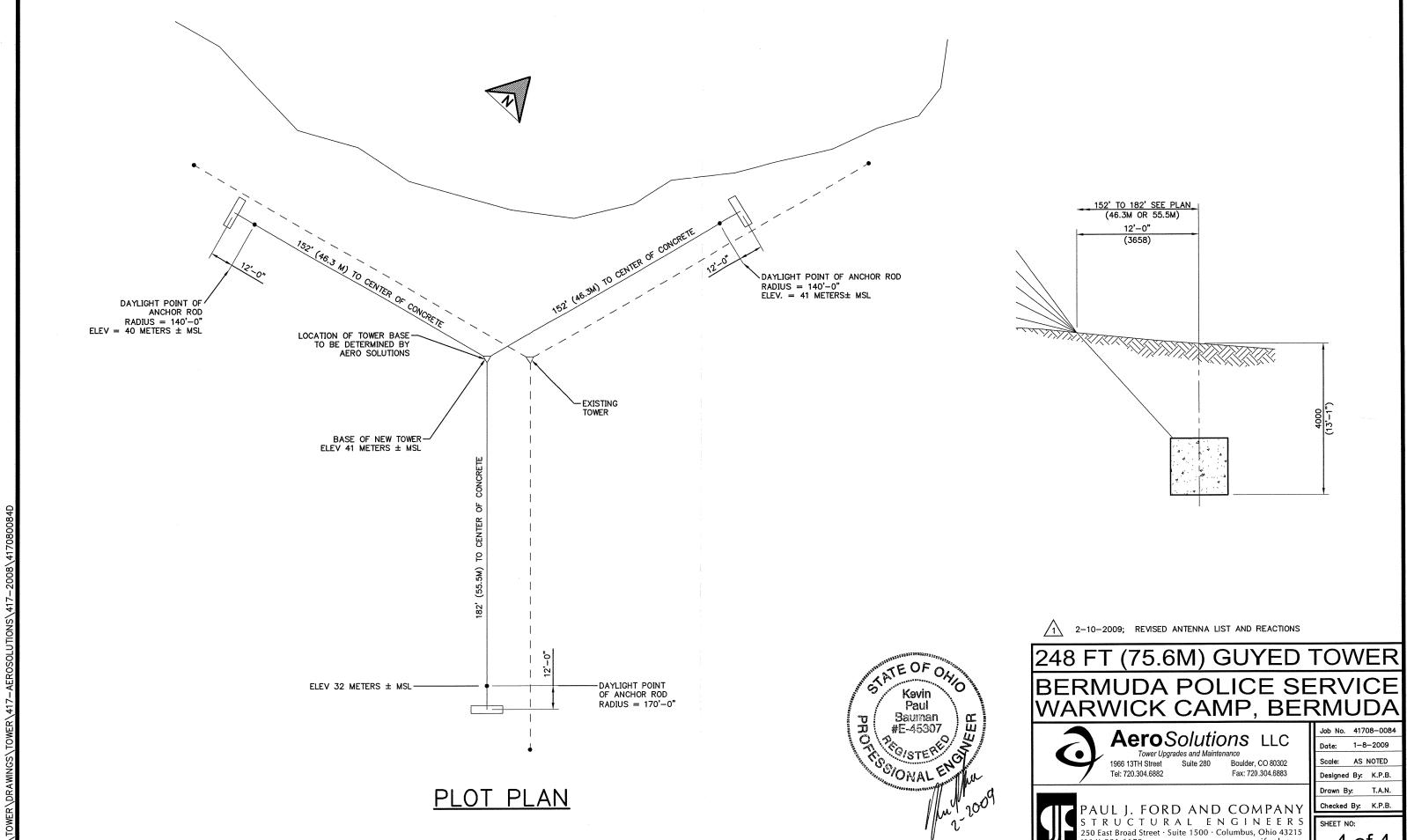
Boulder, CO 80302 Fax: 720.304.6883

PAUL J. FORD AND COMPANY
S T R U C T U R A L E N G I N E E R S
250 East Broad Street · Suite 1500 · Columbus, Ohio 43215
(614) 221-6679 www.pjfweb.com

SHEET NO:

\TOWER\DRAWINGS\TOWER\417-AEROSOLUTIONS\417-2008\417

 $\frac{GUY}{(7.2 \text{ CUBIC METERS} = 9.4 \text{ CU YD EACH}}$



4 of 4

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