



June 20, 2016

Dear Interested Party,

On behalf of CSX, and in accordance with the FCC's Program Comment for PTC towers, Section V., we are submitting information related to 1 PTC pole in Bucks County, PA. This pole would be excluded under the PC Section V.A(1)(i)(c) due to existing utility lines; however, the railroad is a determined eligible historic property within the pole's direct APE. Please refer to the FCC website or call the FCC for guidance as the information requirements are different for towers submitted under the Program Comment: <http://www.fcc.gov/encyclopedia/positive-train-control-ptc>; there are additional guidance and Q&A documents linked from this page, and the documents are updated on an as-needed basis by the FCC. Be sure to check them regularly.

Associated documentation includes:

1. A table containing related tower information
2. Series of topographic maps showing the tower locations and any historic properties within ¼ mile of non-excluded poles
3. Series of aerial imagery maps showing the tower locations and any historic properties within ¼ mile of non-excluded poles
4. Tower specification schematic for the 60-foot-tall mast monopoles with 10-foot antenna
5. Photograph of a typical PTC pole installation with associated infrastructure

A Google Earth .kmz file containing all the information in the spreadsheet is available on the FCC TCNS website. Note that CSX PTC towers also serve as base stations.

The non-excluded pole has been reviewed according to the guidelines in the Program Comment Section VII. HDR completed a search of the PA SHPO database to identify resources within the direct and visual APEs as defined in the Program Comment. For historic property review, all non-excluded poles will be subject to the 30-day review period as directed in the Program Comment.

Sincerely,

Brandon M. Gabler, PhD, RPA
Principal Investigator/Project Manager

CSX Auburndale Subdivision PTC Poles
Bucks County

Tower ID	Tower Name	Latitude	Longitude	Tower Type	Total Height (ft)	Pole Height (ft)	County	State	Zip Code	Elevation (m amsl)	Township	Range	Section	Installation Method	Exclusion	Eligible or Listed Sites in Direct APE	Eligible or Listed Sites in Visual APE (non-excluded only)	Finding
TN_QA_29.6	WOODSIDE	40.2251	-74.8457	MAST	70	60	BUCKS	PA	19067	30	none	none	none	HELICAL SCREW	NOT EXCLUDED	YES	YES	NO HISTORIC PROPERTIES AFFECTED

PENNINGTON



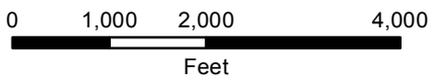
**Philadelphia &
Reading Railroad:
NY Division**

WOODSIDE

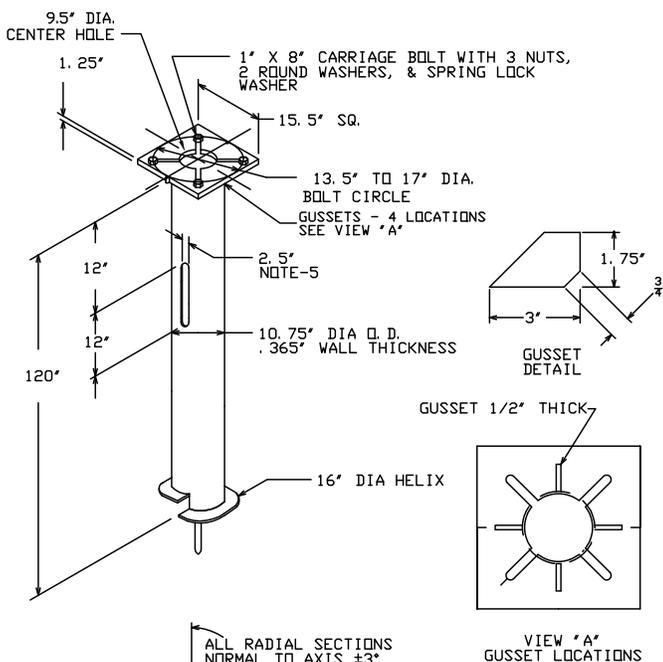


WOODSIDE

- Tower Site
- USGS Quad ID
- Quarter-Mile Buffer
- Cultural Site



Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar



-NOTES-

1. FINISH: HOT DIP GALVANIZE PER ASTM-A153 (LATEST REVISION).
2. BASEPLATE TO BE PERPENDICULAR TO SHAFT AXIS ($\pm 1^\circ$) AND HOLE CENTERLINE CONCENTRIC ($\pm .188$) TO SHAFT AXIS.
3. STENCIL MIN. 1/2 IN. LETTERS MANUFACTURER'S NUMBER AFTER GALVANIZING.
4. PILOT POINT AND SHAFT AXES TO BE CONCENTRIC ($\pm .125$ FIM) AND IN LINE ($\pm 2^\circ$).
5. FLAME CUT TWO SLOTS IN SHAFT PERPENDICULAR TO THE BASEPLATE.
6. PREHEAT, TUMBLEBLAST, HANDGRIND, AND CLEAN BASEPLATE, HELIX, AND PILOT POINT ON ALL WELDED AREAS.
7. FLAMECUT IRREGULARITIES PERMISSIBLE: (1) VALLEYS NOT TO EXCEED 3/32 IN. BELOW NOMINAL SURFACE LEVEL, (2) PEAKS OR POSITIVE IRREGULARITIES NOT TO EXCEED 1/32 IN. ABOVE NOMINAL SURFACE LEVEL OR INTERSECTIONS OF NOMINAL SURFACES.
8. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
9. ALL MATERIAL IS TO BE NEW, UNUSED AND MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:
 BASEPLATE: ASTM A572 GRADE 50 STRUCTURAL STEEL
 SHAFT: STEEL PIPE PILES, SEAMLESS OR STRAIGHT WELDED. GRADE-2 PER ASTM A252 ALL MATERIAL: STEEL PIPE TYPE E OR S, GRADE B, STEEL PIPE OR ASTM A53. MINIMUM YIELD 50 KSI
 HELIX: ASTM A635 (LATEST REV'N) 3/8" THICK HOT ROLLED STEEL PLATE OR COIL.
 PILOT POINT: ASTM A575 (LATEST REV'N) 1-1/4" DIAMETER HOT ROLLED STEEL BAR.
 BOLTS: CARRIAGE BOLT, 1-8UNC-2A PER ANSI B-18.5, SAE J429 GRADE-5.
 NUTS: 1-8UNC-2B PER ANSI B18.2.2., SAE J995 GRADE-5.
10. BASEPLATE IS PERMANENTLY STAMPED WITH MANUFACTURER'S IDENTIFICATION 'ABC' IN 1/2" LETTERS AND DATE CODE IN 1/4" LETTERS.
11. BASEPLATE PERMANENTLY MARKED TO INDICATE CABLEWAY OPENING IN SHAFT.

RAILROAD SIGNAL FOUNDATION
CAT. NO. T1121389

CHANCE*



HUBBELL* POWER SYSTEMS

TITLE

LIGHTING
FOUNDATION

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DO NOT SCALE THIS DRAWING

SIZE DWG NO.
SB SA1121389

DRN BY JWH

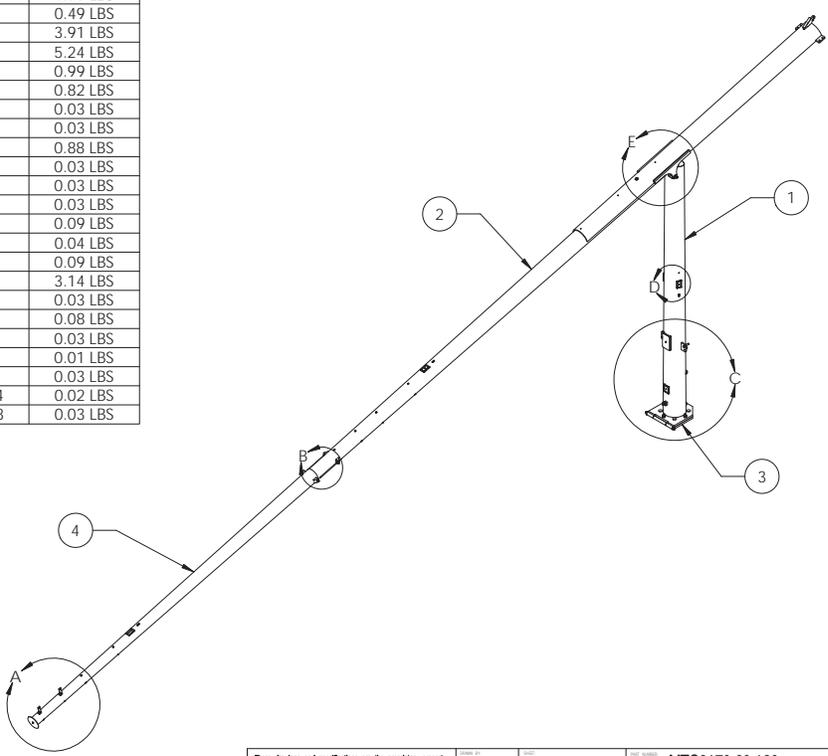
DATE 8/30/11

SHEET 1/1

REV
B

ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT
1	MTC317002	BOTTOM POLE SECTION	1	474.65 LBS
2	MTC317008	MID HINGE POLE WELDMENT	1	1115.04 LBS
3	MTC317005	LOWER HINGE PLATE	1	101.18 LBS
4	MTC317009	UPPER POLE WELDMENT	1	274.48 LBS
5	MTC317006	6X10 HANDHOLE COVER KIT	1	2.61 LBS
6	MTC317035	TOP CAP	1	1.99 LBS
7	MTC317036	ANTENNA MOUNT	2	0.49 LBS
8	MTC317040	1" DIAMETER HINGE PIN	1	3.91 LBS
9	MTC317041	1.0" DIAMETER HINGE PIN	1	5.24 LBS
10	MTC3089M6816	4X5 HANDHOLE COVER KIT	1	0.99 LBS
11	MTC3089M6817	3X5 HANDHOLE COVER KIT	3	0.82 LBS
12	GB-04125	1/2" X 1-1/4" GALV BOLT KIT	1	0.03 LBS
13	GB-0844A	1"-8 X 4.0" GALV BOLT KIT A325	4	0.03 LBS
14	MT-379-16	1/2" X 16" GALV THREADED ROD	2	0.88 LBS
15	MTC9406	.25" X 1.5" SS HEX BOLT	4	0.03 LBS
16	GB-0634A	3/4" X 3-1/2" GALV BOLT KIT A325	4	0.03 LBS
17	SB-04125	1/2" X 1-1/4" SS BOLT	2	0.03 LBS
18	SWL-04	1/2" SS LOCK WASHER	2	0.09 LBS
19	GN-04	1/2" GALV HEX NUT	7	0.04 LBS
20	GWL-04	1/2" GALV LOCK WASHER	7	0.09 LBS
21	MTC317042	4" FLEXIBLE CONDUIT	1	3.14 LBS
22	MTC317043	CONDUIT BRACKET	1	0.03 LBS
23	HC152210	UNIVERSAL BAND CLAMP	1	0.08 LBS
24	GB-04165	1/2" X 1-3/4" GALV BOLT KIT	1	0.03 LBS
25	SNYL02	1/4" SS HEX NUT	4	0.01 LBS
26	GWF-08	1" Galv Flat Washer	4	0.03 LBS
27	RN-03L844	3/8" STAINLESS STEEL RIV-NUT	14	0.02 LBS
28	RN-04L906	1/2" STAINLESS STEEL RIV-NUT	18	0.03 LBS

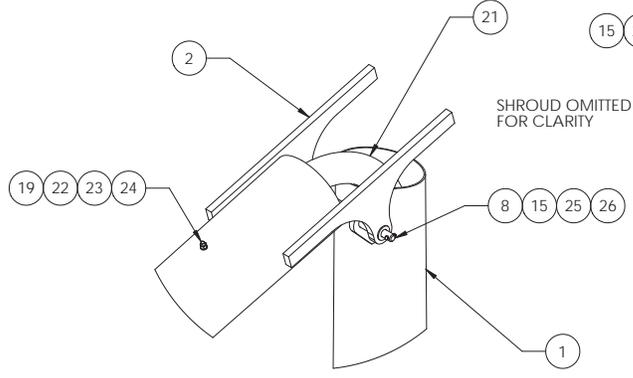
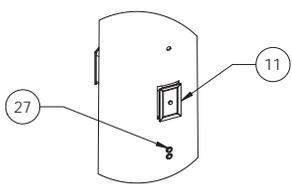
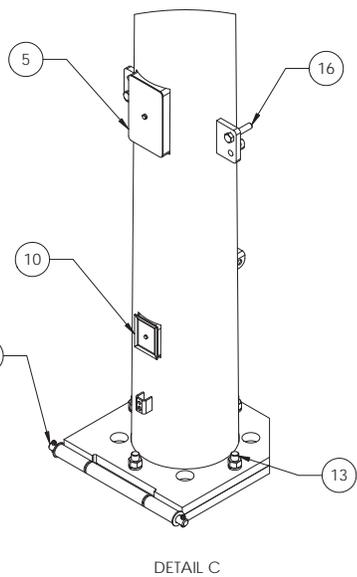
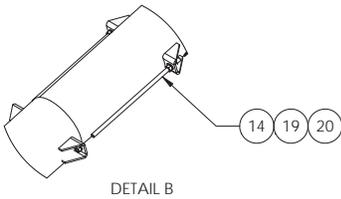
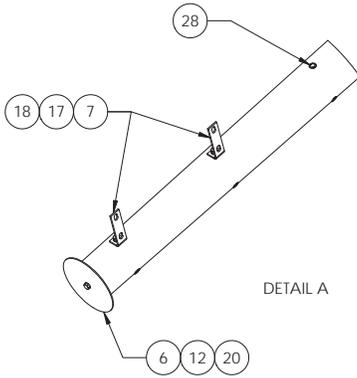
REVISIONS				
REV.	ZONE	DESCRIPTION	BY	DATE
A		INITIAL RELEASE	DRR	07/21/11
B		REVISED DRAWING	DRR	11/08/11



- NOTES:
1. ALL METRIC DIMENSIONS ARE IN BRACKETS.
 2. STAMP PART IDENTIFICATION NUMBER.
 3. WELDING WORKMANSHIP PER AWS D1.1, TABLE 6.1.

<small>These drawings and specifications are the proprietary property of ComScope Inc. and may be used only for the specific purpose authorized in writing by ComScope Inc.</small>		DRAWN BY: DRR CHECKED BY: TP DATE: 07/21/11 REGION: B	SHEET NUMBER: 1 of 3 TITLE: 60' HINGE POLE ASSEMBLY 120MPH PART NUMBER: MTC3170-60-120 MATERIAL: GALV A123 WEIGHT: 2000.58 LBS	WESTCHESTER, IL 60154 U.S.A.
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DETAIL D

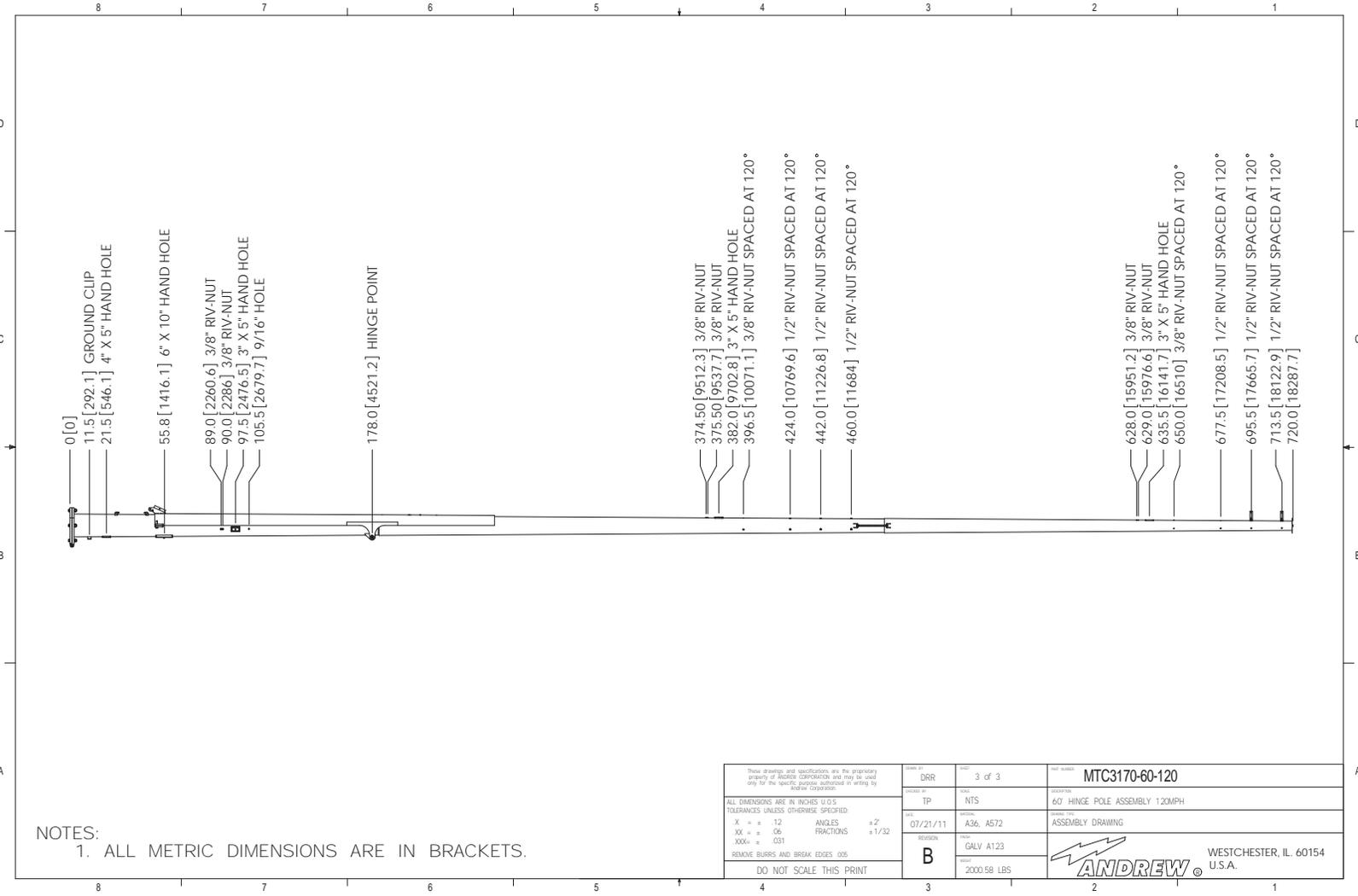
DETAIL E

<small>These drawings and specifications are the proprietary property of Andrew Corporation and may be used only for the specific purpose authorized in writing by Andrew Corporation.</small>			DRAWN BY DRR	SHEET 2 of 3	PART NUMBER MTC3170-60-120
ALL DIMENSIONS ARE IN INCHES U.S. TOLERANCES UNLESS OTHERWISE SPECIFIED: X = ± .12 ANGLES ± 2° XX = ± .06 FRACTIONS ± 1/32 .XXX = ± .031 REMOVE BURRS AND BREAK EDGES .005			CHECKED BY TP	SCALE NTS	DESCRIPTION 60' HINGE POLE ASSEMBLY 120MPH
DO NOT SCALE THIS PRINT			DATE 07/21/11	QUANTITY A36, A572	DRAWING TYPE ASSEMBLY DRAWING
			REVISION B	FINISH GALV A123	 WESTCHESTER, IL 60154 U.S.A.

8 7 6 5 4 3 2 1

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NOTES:
 1. ALL METRIC DIMENSIONS ARE IN BRACKETS.

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ALL DIMENSIONS ARE IN INCHES U.S.S. TOLERANCES UNLESS OTHERWISE SPECIFIED: X = ± .12 ANGLES ± 2° XX = ± .06 FRACTIONS ± 1/32 XXX = ± .031 REMOVE BURRS AND BREAK EDGES .005		PROJECT TP NTS	DESCRIPTION 60' HINGE POLE ASSEMBLY 120MPH
DATE 07/21/11		DRAWING NO. A36, A572	DRAWING TYPE ASSEMBLY DRAWING
REVISION B		FINISH GALV A123	 WESTCHESTER, IL 60154 U.S.A.
DO NOT SCALE THIS PRINT		WEIGHT 2000.58 LBS	

EXAMPLE PHOTO OF CONSTRUCTED PTC TOWER

