



June 14, 2017

James Scully
Smartlink LLC care of:
T-Mobile
510 Virginia Dr.
Fort Washington, PA 19034

Re: Request for Board of Commissioner's approval (T-Mobile Wood Pole Maintenance Project)

Lower Merion Twp.
Attn: Robert Duncan
Director of Building & Planning, Assistant Township Manager
75 E Lancaster Ave
Ardmore, PA 19003

Dear Mr. Duncan,

Please consider this letter as the formal request for commissioner's review and approval for the following six (6) T-Mobile wireless communication facilities improvements:

IMG2331F	1208 Spring Mill Road, Lower Merion PA 19003
IMG2332B	1255 Conshohocken State Rd. Lower Merion PA 19003
IMG2337D	1219 Spring Mill Rd, Lower Merion PA 19010
IMG2400A	951 Mill Creek Rd, Gladwyne PA 19072
IMG2401C	700 Conshohocken State Rd, Lower Merion PA 19085
IMG2404A	999 Conshohocken State Rd, Lower Merion PA 19003

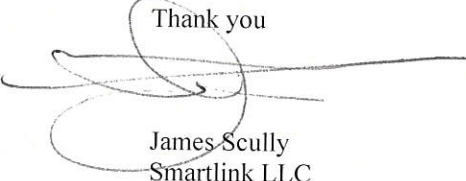
T-Mobile is requesting to remove and replace the antennas and cabinets for all 6 wood pole wireless facilities with like equipment. Additional T-Mobile is requesting to replace the wood poles on 3 of the 6 wireless facilities. The addresses for the 3 sites are: 1219 Spring Mill Rd, Lower Merion PA 19010 (IMG2331F), 951 Mill Creek Rd, Gladwyne PA 19072 (IMG2400A) and 999 Conshohocken State Rd, Lower Merion PA 19003 (IMG2404A).

Included with this letter is:

1. Individual site plans showing the existing sites dimensions and the proposed changes with accurate dimensions and square footage.
2. Equipment specification sheets for the cabinets, antennas and any bracketing T-Mobile needs to replace.
3. Individual site photos as the sites are now.

Please notify me directly for any testimony that may be required at your upcoming meeting. If you have any questions please do not hesitate to contact me directly at the phone number below.

Thank you



James Scully
Smartlink LLC
610-804-4211
james.scully@smartlinkllc.com

Top of Existing T-Mobile Antennas
@ 39'-0" ± AGL

Existing 56.0"x12.0"x8.0"
T-Mobile Antennas
(Typ. of 2)
(TO BE REMOVED AND REPLACED)

Top of Existing Wood Pole
@ 34'-0" ± AGL

EXISTING EQUIPMENT VOLUME REMOVED = 27,922 IN³
EXISTING ANTENNA VOLUME REMOVED = 10,752 IN³

Existing Utility

Existing 6" U-Guard
Covering Cables

Existing 27.8"x20.5"x47.0"
T-Mobile Equipment Cabinet
(TO BE REMOVED AND REPLACED)

Existing Telco
Demarc

8'-0" ±

Existing Meter and
Distribution Panel

Existing Grade
@ 0' ± AGL

EXISTING ELEVATION VIEW

NOT TO SCALE



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T-MOBILE NORTHEAST LLC
510 VIRGINIA DRIVE
FORT WASHINGTON, PA 19034
TEL: (215) 633-5200 FAX: (215) 633-5393

SITE NAME:

1MG2401C
BELL PA MICROCELL
700 CONSHOHOCKEN
STATE ROAD
LOWER MERION, PA 19085



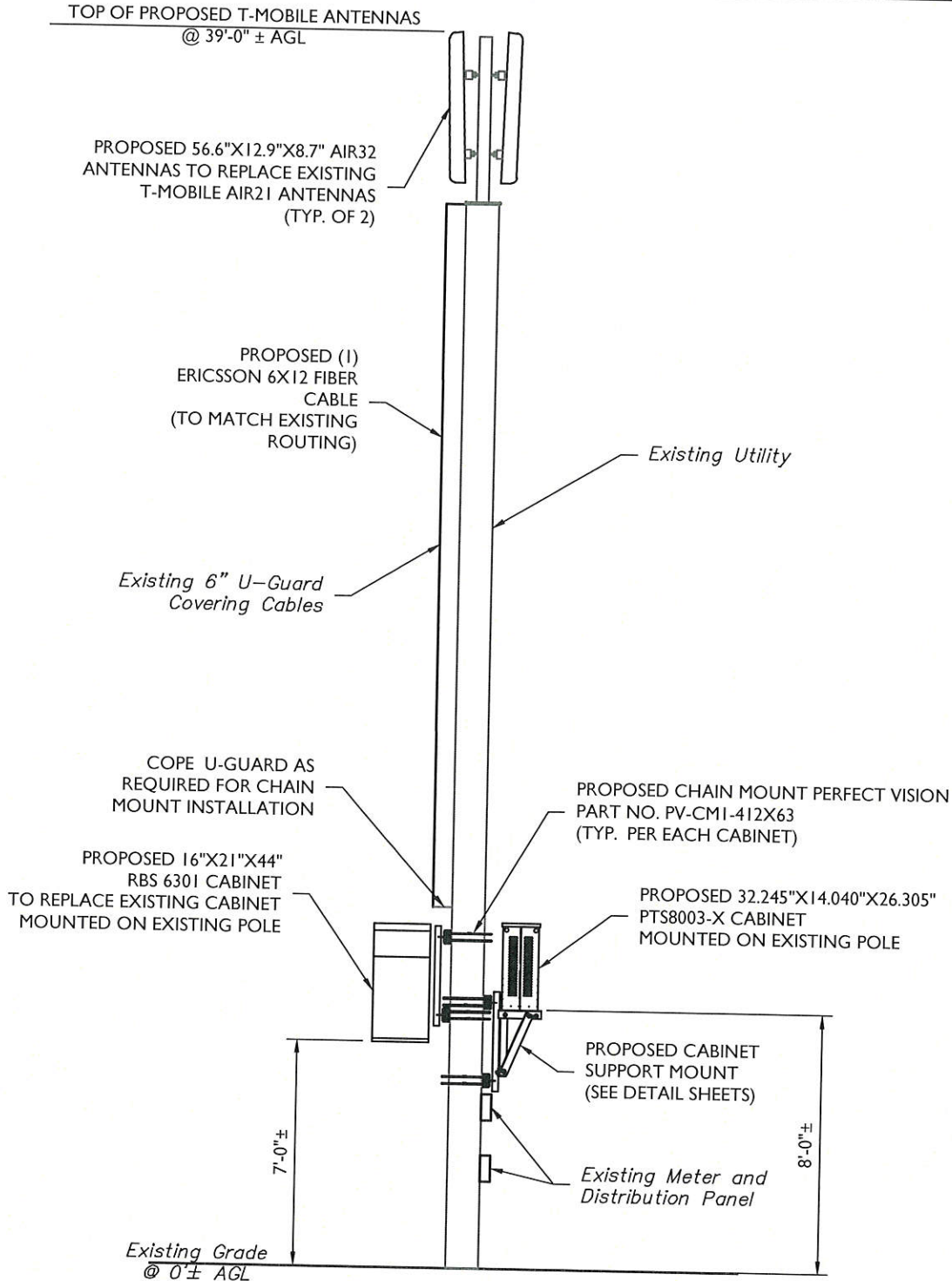
2000 Midlantic Drive
Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0412
Fax: 856.722.1120

JOB NUMBER:
16921185A
SCALE:
AS SHOWN

E	06/12/17	REVISED PER COMMENTS
D	04/07/17	REVISED CALCULATIONS
C	02/24/17	ADDED EQUIPMENT DETAILS
B	02/16/17	REVISED PER CROWN COMMENTS
REV	DATE	DESCRIPTION

DRAWN BY: AJC	DESIGN BY: AJC	CHECKED BY: PET
SHEET TITLE: ELEVATION VIEW		SHEET NUMBER: LE-3

PROPOSED EQUIPMENT VOLUME INSTALLED = 26,692.8 IN³
 PROPOSED ANTENNA VOLUME INSTALLED = 12,704.4 IN³



PROPOSED ELEVATION VIEW
 NOT TO SCALE

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T-Mobile

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 FORT WASHINGTON, PA 19034
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SITE NAME:

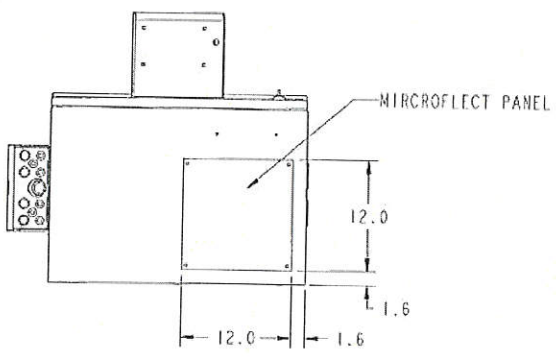
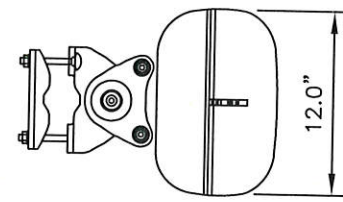
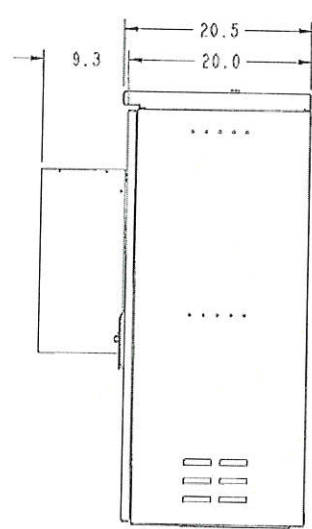
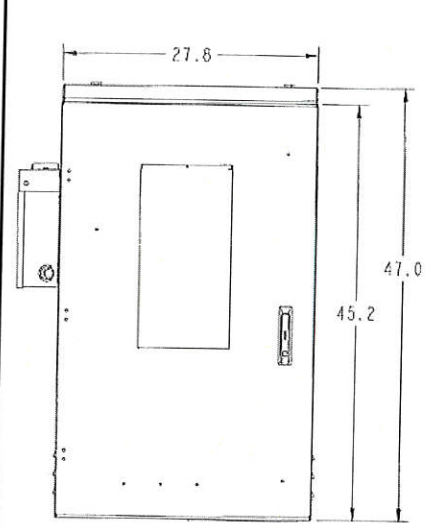
1MG2401C
 BELL PA MICROCELL
 700 CONSHOHOCKEN
 STATE ROAD
 LOWER MERION, PA 19085

Mt. Laurel Office
 2000 Midland Drive
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 Mount Laurel, NJ 08054
 Phone: 856.797.0412
 Fax: 856.722.1130

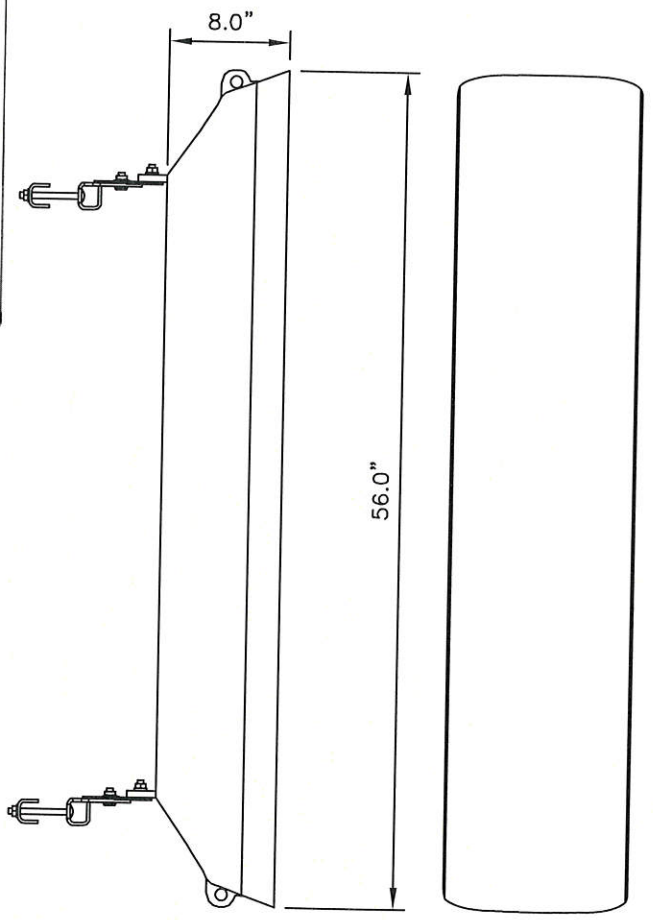
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DRAWN BY:	DESIGN BY:	CHECKED BY:
AJC	AJC	PET
SHEET TITLE:	SHEET NUMBER:	
ELEVATION VIEW	LE-4	



CUBE -- PM424 SPECIFICATIONS
NOT TO SCALE



EXISTING CUBE
(TO BE REMOVED) 27,992 IN³
NOT TO SCALE

EXISTING ANTENNA (TO BE REMOVED)
5,376 IN³ PER ANTENNA
NOT TO SCALE

NOTE:
ELECTRICAL AND TELCO SERVICE AND
CONDUIT ROUTING TO BE DETERMINED
PRIOR TO CONSTRUCTION.

NOTE:
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MERION

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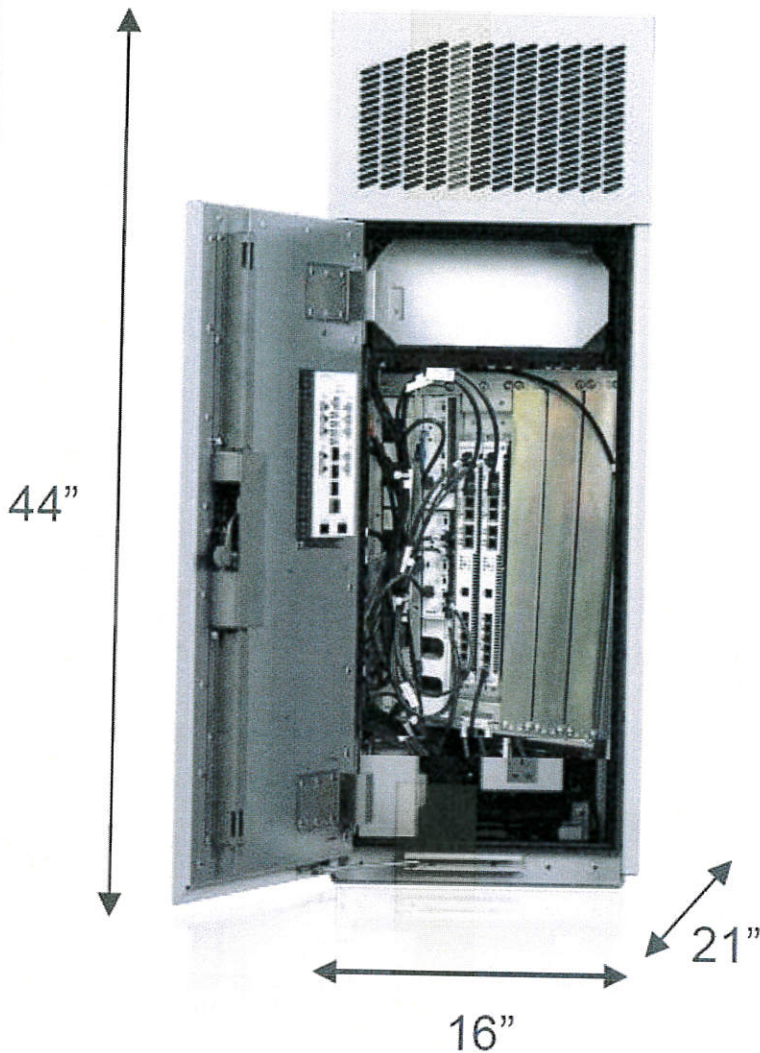
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SHEET TITLE: DETAILS - 5		SHEET NUMBER: LE-9

JOB NUMBER:
16921183A

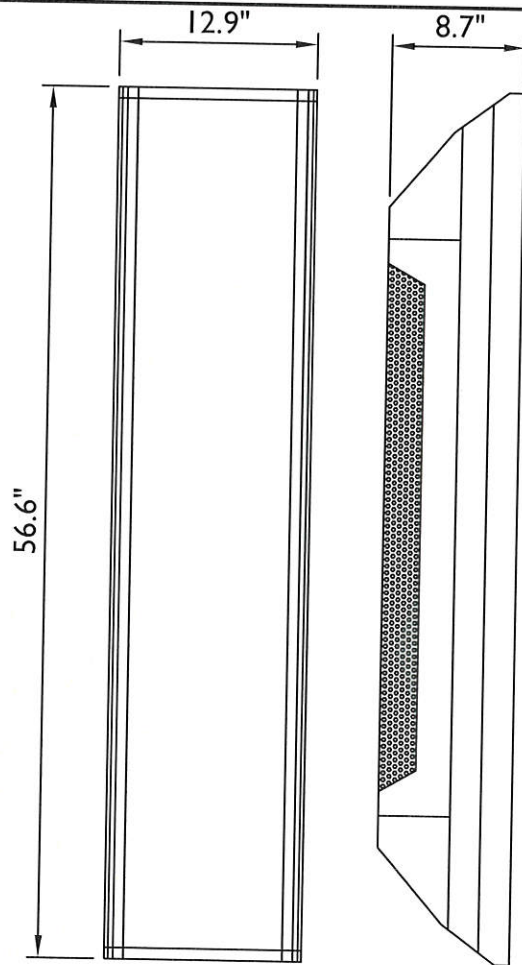
SCALE:
AS SHOWN

B:\Projects\2016\19034\19034A\19034A.dwg 11/13/17 User: jason.culley Plot: D:\19034.dwg



PROPOSED ERICSSON 630I CABINET

14,784 IN³
NOT TO SCALE



FRONT

SIDE

ANTENNA MODEL:
ERICSSON WIRELESS: AIR32 DB
WEIGHT WITHOUT MOUNTING BRACKET
= 132.2 LBS

PROPOSED ANTENNA
6,352.2 IN³ PER ANTENNA
NOT TO SCALE

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DRAWN BY:

AJC

DESIGN BY:

AJC

CHECKED BY:

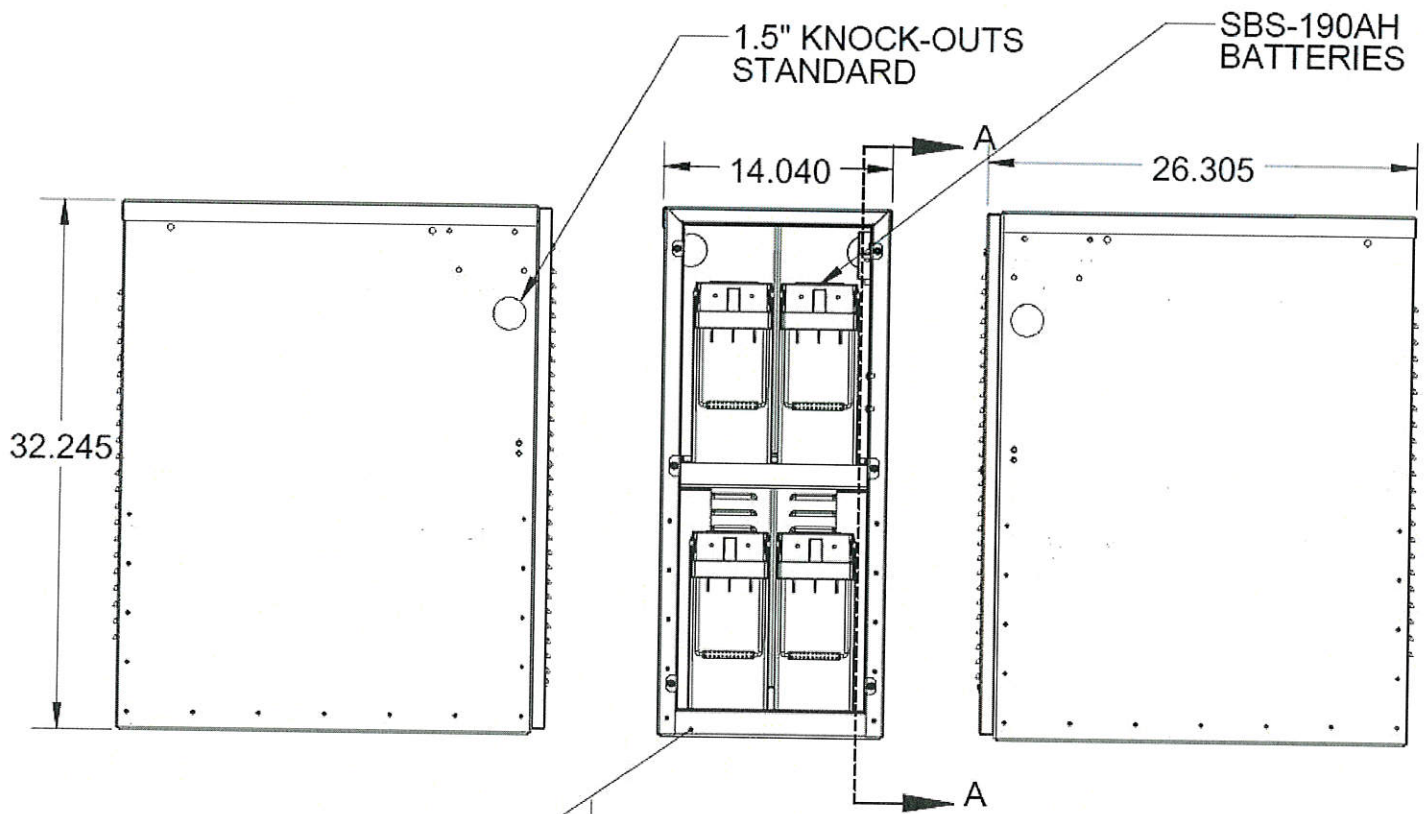
PET

SHEET TITLE:

DETAILS - 6

SHEET NUMBER:

LE-10



PROPOSED PTS8003-X BATTERY CABINET

11,908.8 IN³

NOT TO SCALE

TOTAL EQUIPMENT VOLUME REMOVED = 27,922 IN³

TOTAL ANTENNA VOLUME REMOVED = 16,128 IN³

TOTAL EQUIPMENT VOLUME INSTALLED = 26,692.8 IN³

TOTAL ANTENNA VOLUME INSTALLED = 19,056.6 IN³

TOTAL EQUIPMENT VOLUME PERCENTAGE DECREASE = 4.6%

TOTAL ANTENNA VOLUME PERCENTAGE INCREASE = 18.2%

TOTAL EQUIPMENT/ANTENNA VOLUME REMOVED = 44,120 IN³

TOTAL EQUIPMENT/ANTENNA VOLUME INSTALLED = 45,749.4 IN³

TOTAL EQUIPMENT/ANTENNA VOLUME PERCENTAGE INCREASE = 3.7%

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A	12/13/16	FOR REVIEW
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SHEET TITLE: DETAILS - 6	SHEET NUMBER: LE-11	



700 Conshohocken State Rd. Lower Merion, PA 19085 T-Mobile Site: 1MG2401C



999 Conshohocken State Rd. Lower Merion, PA 19085 T-Mobile Site: 1MG2404A



1255 Conshohocken State Rd. Lower Merion, PA 19003 T-Mobile Site: 1MG2332B



951 Mill Creek Rd. Gladwyne, PA 19072 T-Mobile Site: 1MG2400A



1208 Spring Mill Rd Lower Merion, PA 19003 T-Mobile Site: 1MG2331F



1219 Spring Mill Rd. Lower Merion, PA 19010 T-Mobile Site: 1MG2337D