

# Exhibit 7

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PUBLIC VERSION

RF OK - 5/15/18



cm-ek-5/17/18

SITE ID / RRH SITE ID / HUB ID  
CHPH31170 / CH2229BA\_61LAB / CH32030A

SITE ADDRESS  
3447 W 28TH ST  
CHICAGO, IL 60623  
(IN ALLEYWAY WEST OF S TRUMBULL AVE)



PROJECT NO.	
PROJECT NAME	
PROJECT ADDRESS	
PROJECT CITY	
PROJECT STATE	
PROJECT ZIP	
PROJECT PHONE	
PROJECT FAX	
PROJECT EMAIL	
PROJECT WEBSITE	
PROJECT CONTACT	
PROJECT DATE	

<b>GENERAL NOTES</b> THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. THE FACILITY IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN THE INTENDED PURPOSE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE, NO SANITARY SEWER SERVICE, POTABLE WATER OR SEWER DISPOSAL IS REQUIRED AND NO COMMERCIAL SERVICE IS PROPOSED.	<b>PLAN VIEW - INTERSECTION</b> 	<b>DIG ALERT</b>  CALL DIGGER FOR UNDERGROUND UTILITIES PRIOR TO DIGGING 811 OR 312-744-7000
<b>SITE INFORMATION</b> APPLICANT: CROWN CASTLE INC CENTRAL, LLC CROWN ADDRESS: 947 PARKVIEW BOULEVARD, LOMBARD, ILLINOIS 60148 (630) 887-1102 UTILITIES: COMED, UNION PACIFIC, CH2229BA_61LAB, CH32030A SITE ID / RRH SITE ID: CHPH31170 / CH2229BA_61LAB 502: 469812 HUB ID: CH32030A PROPERTY OWNER: PUBLIC RIGHT-OF-WAY SITE ADDRESS: 3447 W 28TH ST COUNTY: COOK JURISDICTION: CH32030A LATITUDE: 41° 50' 23.17" (41.84002) LONGITUDE: -87° 42' 41.96" (-87.711865) LAT/LONG DATUM: NAD 83 GROUND ELEV. (FT. MSL.): 592 VERTICAL DATUM: MMD 08	<b>POLE ELEVATION - LOOKING NORTHWEST</b> 	<b>PROJECT DESCRIPTION</b> END USER PROPOSES TO INSTALL EQUIPMENT ON A NEW WOOD POLE WITHIN THE EXISTING RIGHT-OF-WAY.
<b>IMPORTANT NOTICE</b> THE EXISTING CONDITIONS REPRESENTED HEREIN ARE BASED ON VISUAL OBSERVATIONS AND INFORMATION PROVIDED BY OTHERS. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.	<b>POLE ELEVATION - LOOKING SOUTHEAST</b> 	<b>CODES</b> 2015 INTERNATIONAL BUILDING CODE 2014 NATIONAL ELECTRICAL CODE
		<b>DRAWING INDEX</b> SHEET NO. SHEET TITLE CHPH31170-01 NODE COVER SHEET CHPH31170-02 EXISTING POLE ELEVATIONS CHPH31170-03 PROPOSED POLE ELEVATIONS CHPH31170-04 EQUIPMENT DETAILS CHPH31170-05 RF SCHEMATIC CHPH31170-06 ELECTRICAL DETAILS
		<b>ARCHITECT/ENGINEER</b> VOM ENGINEERING, LLC 35 E. WACKER, SUITE 800 CHICAGO, IL 60601 PROJECT MANAGER TEL: (312) 763-2186

DRAWINGS PLOTTED TO SCALE ON 11x17 SHEETS

CHPH31170-01

602-660200

- (A) EXISTING CLASS 2 COVERED WOOD POLE
- (B) EXISTING GROUND ROD AND #6 CU GROUND CONDUCTOR
- (C) EXISTING CITY STREET LIGHT (TO REMAIN)
- (D) EXISTING AT&T TERMINAL BOX (TO REMAIN)



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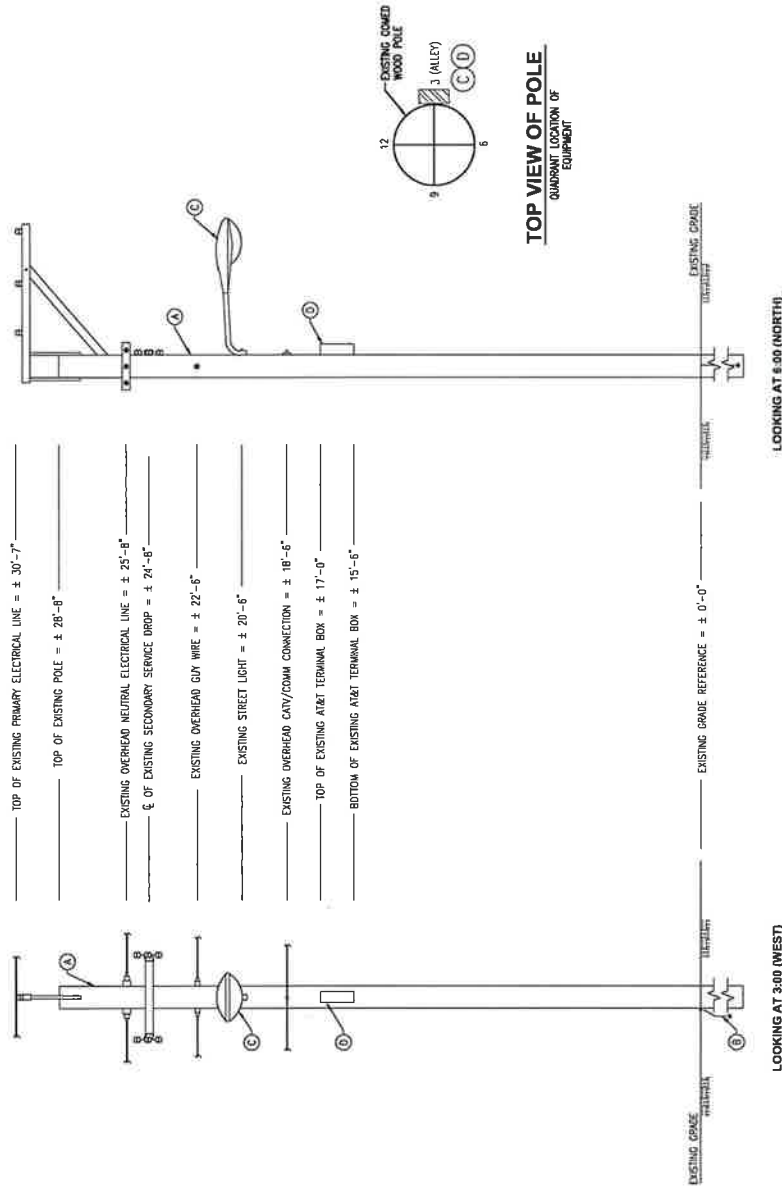
#CH32030A  
3344 S LAWNDALE AVE  
CHICAGO, IL 60623

ALL INFORMATION  
ON 12/20/01  
AB C 12/20/01

**EXISTING POLE  
ELEVATIONS**

CHPH31170-02

~~107000-102~~



### EXISTING POLE ELEVATIONS

**SCALE: NOT TO SCALE**

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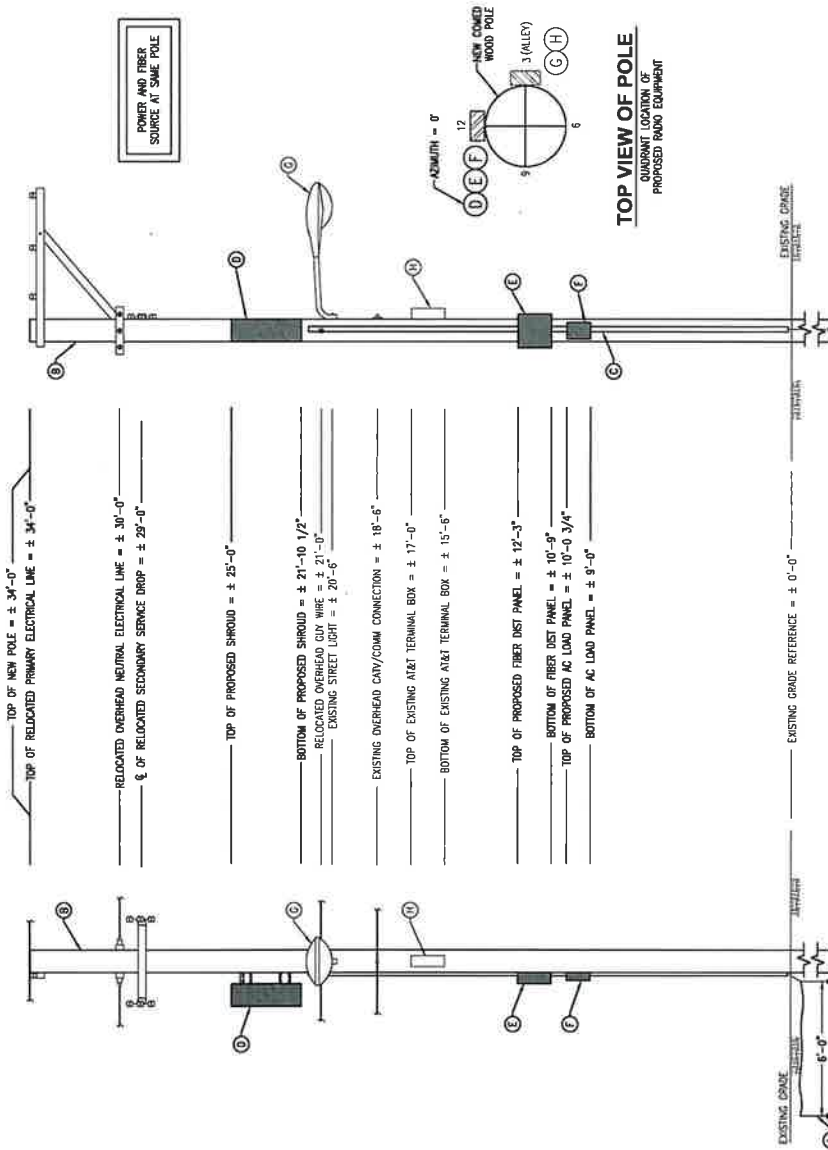
**GENERAL CONTRACTOR NOTES:**

1. NEW POLE WAS MADE READY TO FIT PROPOSED INTEGRATED ANTENNA AND RADIO EQUIPMENT.
2. STRUCTURE OF THIS POLE WITH NEW EQUIPMENT HAS BEEN EVALUATED TO VERIFY THAT THIS POLE HAS THE CAPABILITY TO ADEQUATELY SUPPORT THE EQUIPMENT.
3. AZIMUTH OF INTEGRATED SHROUD TO BE AT  $0^\circ$  TO TRUE NORTH.

### EQUIPMENT KEY

- |            |  |
|------------|--|
| <b>(A)</b> | NEW 5" O.D. x 1" LONG COPPER-CUP STEEL ROD<br>BURNED 1" - 6" BELOW CUP & TIED TO<br>W/ JB ANGLE VERTICAL GROUND RISER (NDS) W/ JB ANGLE<br>BONDING CONNECTORS GROUNDING ALL WIRES &<br>EQUVALENT ON POLE USE IRREVERSIBLE COMPRESSION<br>CLAMPS TO MOUNT WIRE TO POLE & GROUND KITS ON<br>CUMUL CABLES |
| <b>(B)</b> | NEW CLASS 2-40 SP CONED WOOD POLE  |
| <b>(C)</b> | PROPOSED 11' CUMUL FOR P2 COVERED<br>COPPER GROUND WIRE  |
| <b>(D)</b> | PROPOSED NOKIA "3 UNIT FACE OUT" SMALL CELL SITE<br>SOLUTION SHROUD W/ BOLTS<br>374"x123"x12" (HxWxD) = 109.0 LBS<br>VOLUME = 3,529.3 CU. IN.  |
| <b>(E)</b> | PROPOSED CHARLES FIBER INTERCONNECT TERMINALS<br>(CFTI-C) MOUNTED W/ BOLTS<br>18"x18"x6" (HxWxD) = 15.0 LBS<br>* VOLUME = 1,344.00 CU. IN.   |
| <b>(F)</b> | PROPOSED LOD CENTER PART #001621.000RB<br>W/ BOLTS<br>12.65' LBS/47.27" (HxWxD) = 9.68 LBS<br>VOLUME = 479.66 CU. IN.  |
| <b>(G)</b> | EXISTING CITY STREET LIGHT (TO REMAIN)   |
| <b>(H)</b> | EXISTING AT&T TERMINAL BOX (TO REMAIN)   |

<b>TOTALS</b>	
TOTAL EQUIPMENT WEIGHT	124.68 LBS.
TOTAL VOLUME OF EQUIPMENT	4.597199 CU. FT.



LOOKING AT 3:00 (WEST)

### PROPOSED POLE ELEVATIONS

**SCALE: NOT TO SCALE**

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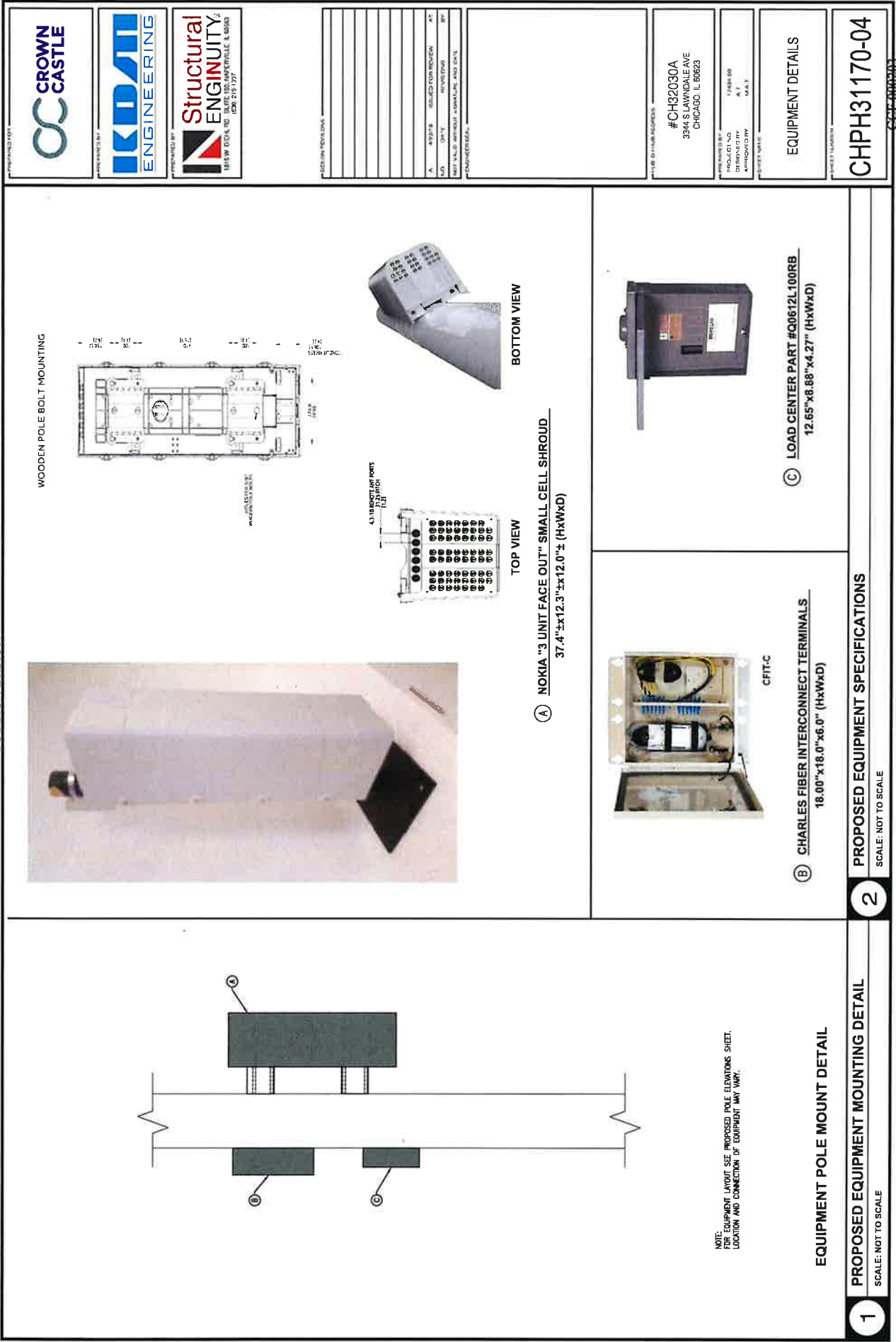
#CH32030A  
3344 S LAWDALE AVE  
CHICAGO, IL 60623

PROJECT NO. 7434 00  
DESIGNED BY A.T.  
APPROVED BY M.A.I.

PROPOSED POLE  
ELEVATIONS

CHPH31170-03

## REFERENCES



**CROWN CASTLE**

**K&J ENGINEERING**

**Structural ENGINEERING**  
1800 S. LAKE ST. SUITE 100, CHICAGO, IL 60605  
(312) 219-1227

DESIGNED BY: [Blank]

CHECKED BY: [Blank]

APPROVED BY: [Blank]

DATE: [Blank]

PROJECT NO: [Blank]

PROJECT NAME: [Blank]

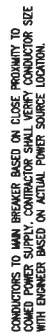
#CH32030A  
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CHICAGO, IL 60623

EQUIPMENT DETAILS

**CHPH31170-04**







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