

SOW NOTES

- EXISTING INFINITY M WITH 8 RECTIFIERS
- NO POWER RAYCAP
- NO GEN
- 700 MHZ UPPER D (10 MHZ) BAND 14 (SCOPED ON BUNDLE MRCH027787)
- INSTALL 2 RECTIFIERS IN EXISTING POWER PLANT
- INSTALL (1) DC12 RAYCAP
- INSTALL (3) #6AWG TELCOFLEX CIRCUITS FOR 4478 B5/B12 RADIOS
- INSTALL (3) 25 AMP BREAKERS FOR 447 B14 RADIOS
- PCS MHZ A3+A4+A5+D (20MHZ) E-ULTRA BAND 2(SCOPED ON BUNDLE MRCH027787)
- INSTALL (3) #6AWG TELCOFLEX CIRCUITS FOR 4415 RADIOS
- INSTALL (3) 25AMP BREAKERS FOR THE 4415 RADIOS
- 850 MHZ A3+A4 (15 MHZ) BAND 4_66(SCOPED ON BUNDLE MRCH027787)
- INSTALL (3) #6AWG TELCOFLEX CIRCUITS FOR THE 4426 RADIOS
- INSTALL (3) 30AMP BREAKERS FOR 4426 RADIOS
- CBAND 4 GHZ B4+B5+C1+C2 (60MHZ) BAND N77 (SCOPED ON BUNDLE MRCH027787)
- INSTALL (1) DC12 RAYCAP
- INSTALL (1) DC12 RAYCAP
- INSTALL (3) #6AWG TELCOFLEX CIRCUITS FOR 6449 ANTENNAS
- INSTALL (3) #6AWG TELCOFLEX CIRCUITS FOR WCS RRU-32 RADIOS
- INSTALL (3) 20 AMP BREAKERS FOR RRU-32 B30 RADIOS
- INSTALL (3) 50 AMP BREAKERS FOR 6449 ANTENNAS
- 700 MHZ OFFSET LOWER_B+C (10 MHZ) E-ULTRA BAND 17 (SCOPED ON BUNDLE MRCH054563)
- INSTALL (6) #6AWG TELCOFLEX CIRCUITS FOR 4449 B5/B12 RADIOS
- INSTALL (6) 25 AMP BREAKERS FOR 4449 B5/B12 RADIOS
- 850 MHZ AL+A4 (10MHZ) E-ULTRA BAND 5 (SCOPED ON BUNDLE MRCH054563)
- SOFTWARE ONLY

ENLARGED SITE PLAN

SCALE: AS SHOWN

DATE: 11/30/2024

SCALE: 1/8" = 1'-0"

DRAWING NO. C-2

3/19/24	CPS COMMENTS	LA	DZ
0	FINAL	LA	DZ
2/17/24	REVISION	LA	DZ
2/12/24	REVISION	LA	DZ
1	90% REVIEW	LA	DZ
2/8/24	REVISION	LA	DZ
1	REVISION	LA	DZ
1	REVISION	LA	DZ

SCALE: AS SHOWN

DATE: 11/30/2024

ABRAHAM J. ROKACH
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STATE OF ILLINOIS
Professional Engineer

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CHICAGO, IL 60639

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CHIMNEY INSPECTION REPORT NOTES:

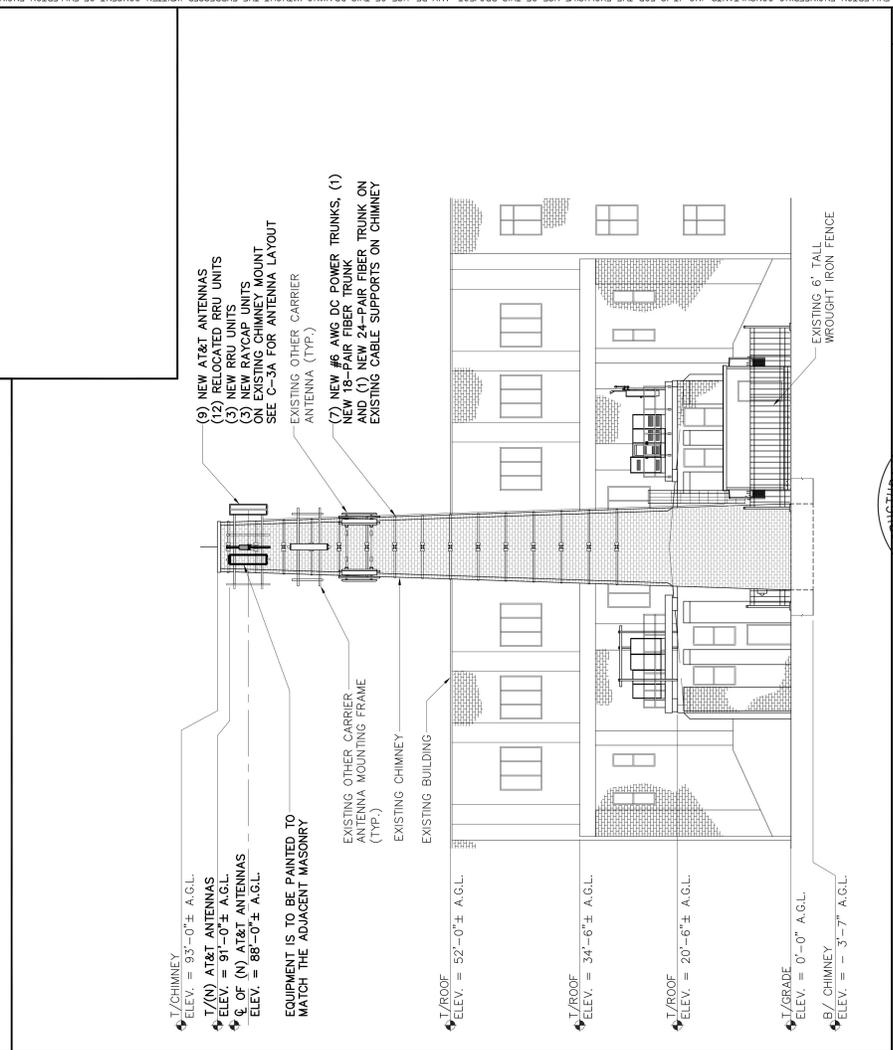
- CONTRACTOR TO REFER TO "INSPECTION REPORT FOR 96'-7" BRICK CHIMNEY, 2727 N. LONG AVE, CHICAGO, IL", DATED SEPTEMBER 27TH, 2023, PREPARED BY BEDNASH CONSULTING, INC.
- INSPECTION REPORT FOR 96'-7" BRICK CHIMNEY, 2727 N. LONG AVE, CHICAGO, IL, DATED SEPTEMBER 27TH, 2023, PREPARED BY BEDNASH CONSULTING, INC. FOR FULLERTON ENGINEERING CONSULTANTS. THE ENGINEER OF RECORD AT FULLERTON AGREES WITH THE RECOMMENDATIONS IN THIS REPORT.

CONCLUSIONS / REQUIRED MAINTENANCE ACTIONS:

NONE. (SEE SHEET GN-1 FOR ADDITIONAL NOTES)

NOTES:

- CALCULATIONS FOR THE STRUCTURE AND ANTENNA MOUNTS WERE PREPARED BY FULLERTON, AND THOSE SHOWN ON THIS DRAWING ARE TO SUPPORT THE STRUCTURE TO SUPPORT THE NEW EQUIPMENT.
- CABLES NOT SHOWN FOR CLARITY
- ALL PROPOSED ANTENNAS, EQUIPMENT, CONDUITS, AND FRAMES VISIBLE FROM THE GROUND LEVEL ARE TO BE PAINTED TO MATCH THE ADJACENT MASONRY.



NEW ELEVATION

SCALE: 3/16" = 1'-0"

DRAWING NO. **C-3**

DRAWING NAME **ELEVATION**

DATE: SUBMITTED 07/31/2024

SCALE: AS SHOWN

APP'D BY: [Signature]

DATE: 11/30/2024

SEAL: [Professional Engineer Seal]

ABRAHAM J. ROKACH
081-004073

STATE OF ILLINOIS

NO.	DATE	REVISION	BY	CHK.
1	3/19/24	CPS COMMENTS	LA	DZ
0	2/15/24	FINAL	LA	DZ
B	2/12/24	REVISION	LA	DZ
A	2/8/24	90% REVIEW	LA	DZ
F		DESIGN	LA	DZ

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EXISTING ELEVATION

SCALE: 1" = 20'-0"

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RF EQUIPMENT SCHEDULE

SECTOR POSITION	FREQUENCY BAND	ANTENNA MAKE / MODEL	RAD CENTER	AZIMUTH	ELECTRICAL TILT	MECHANICAL TILT	(QTY.) RADIO	(QTY.) TMA	(QTY.) SURGE PROTECTION	(QTY.) CABLES	CABLE LENGTH		
ALPHA	A1 LTE 700 WCS SG BRND LTE AW55G AVS	COMSCORE NNH448R8H4	88±	30°	-	-	(1) (N) 449 B8012 (1) (R) 449 B814 (1) (R) 449 B815	-	-	-	-		
	A2/A3	-	-	-	-	-	-	-	-	(1) 449 B8012 (1) 18 PAIR TBER TRUNK (1) 24 PAIR TBER TRUNK	100'±		
A4	LTE 700 WCS LTE AW55G AVS SG BRND	(1) COMSCORE NNH448R8H4 AND (1) ERICSSON ARA44P B7D (VDSAC)	88±	30°	-	-	(1) (R) 449 B814 (1) (R) 449 B815	-	(1) DC-48-6A-24C-EV (1) DC-48-6A-24C-EV (1) DC-48-6A-18C-EV	-	-		
BETA	B1 LTE 700 WCS SG BRND LTE AW55G AVS	COMSCORE NNH448R8H4	88±	190°	-	-	(1) (N) 449 B8012 (1) (R) 449 B814 (1) (R) 449 B815	-	-	-	-		
	B2/B3	-	-	-	-	-	-	-	-	-	-		
B4	LTE 700 WCS SG BRND LTE AW55G AVS	(1) COMSCORE NNH448R8H4 AND (1) ERICSSON ARA44P B7D (VDSAC)	88±	190°	-	-	(1) (R) 449 B814 (1) (R) 449 B815	-	-	-	-		
GAMMA	C1 LTE 700 WCS SG BRND LTE AW55G AVS	COMSCORE NNH448R8H4	88±	270°	-	-	(1) (N) 449 B8012 (1) (R) 449 B814 (1) (R) 449 B815	-	-	-	-		
	C1/C2	-	-	-	-	-	-	-	-	-	-		
C4	LTE 700 WCS SG BRND LTE AW55G AVS	(1) COMSCORE NNH448R8H4 AND (1) ERICSSON ARA44P B7D (VDSAC)	88±	270°	-	-	(1) (R) 449 B814 (1) (R) 449 B815	-	-	-	-		
TOTALS											(9) CABLES	(3) SPDs	(19) RRUs

SCALE: N.T.S. 1
DRAWING NO. C-5

EQUIPMENT DESCRIPTION TABLE

DATE SUBMITTED: 11/30/2024	DATE: 11/30/2024
SCALE: AS SHOWN	APP'D BY: MB
3/7/19/24 0 2/7/17/24 B 2/7/17/24 A 2/8/24 F	OPS COMMENTS FINAL REVISION 90% REVIEW REVISION
LA DZ LA DZ LA DZ LA DZ LA DZ	LA DZ LA DZ LA DZ LA DZ LA DZ

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PROJECT# 2022.00790034