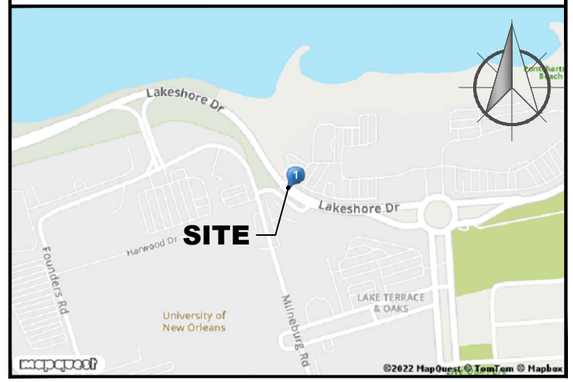
VICINITY MAP

DIRECTIONS

FROM AT&T OFFICE: 3535 COLONNADE PKWY, SUITE 500, BIRMINGHAM, AL 35243

GET ON I-459 S FROM COLONNADE PKWY, COLONNADE DR AND US-280 W. HEAD NORTHEAST. TURN LEFT TOWARD COLONNADE PKWY. TURN RIGHT TOWARD COLONNADE PKWY. TURN RIGHT ONTO COLONNADE PKWY. TURN RIGHT ONTO COLONNADE DR. TURN RIGHT ONTO US-280 W. USE THE LEFT 2 LANES TO TURN LEFT TO MERGE ONTO I-459 S TOWARD MONTGOMERY/TUSCALOOSA. TAKE I-59 S TO MORRISON RD IN NEW ORLEANS. TAKE EXIT 241 FROM I-10 W. MERGE ONTO I-459 S. KEEP LEFT TO STAY ON I-459 S. USE THE LEFT 2 LANES TO MERGE ONTO I-20 W/I-59 S TOWARD TUSCALOOSA. ENTERING MISSISSIPPI. KEEP LEFT TO STAY ON I-20 W/I-59 S. KEEP LEFT AT THE FORK TO CONTINUE ON I-59 S, FOLLOW SIGNS FOR LAUREL/NEW ORLEANS. KEEP LEFT TO STAY ON I-59 S. KEEP LEFT TO STAY ON I-59 S. ENTERING LOUISIANA. TAKE THE EXIT ON THE LEFT ONTO I-10 W TOWARD NEW ORLEANS. TAKE EXIT 241 FOR MORRISON RD. CONTINUE ON MORRISON RD. TAKE DOWNMAN RD, LEON C SIMON DR/SEABROOK BRG AND LAKESHORE DR TO MILNEBURG RD. CONTINUE ONTO MORRISON RD. TURN RIGHT ONTO DOWNMAN RD. TURN LEFT ONTO STARS AND STRIPES BLVD. CONTINUE ONTO LEON C SIMON DR/SEABROOK BRG. KEEP RIGHT. TURN LEFT ONTO LAKESHORE DR. AT THE TRAFFIC CIRCLE, TAKE THE 2ND EXIT AND STAY ON LAKESHORE DR. TURN LEFT ONTO HARWOOD DR. TURN LEFT ONTO MILNEBURG RD

LOCAL MAP



LTE 4TX4RX/5G NR 1SR CBAND CONSTRUCTION DRAWINGS

at&t

FA #: **11607955**

SITE ID: **LAL00381**

SITE NAME:

UNO - BIENVILLE RESIDENCE HALL RELO

SITE ADDRESS:

2000 LAKESHORE DRIVE NEW ORLEANS, LA 70148 (ORLEANS PARISH)

PROJECT REFERENCES

1. THESE PLANS WERE COMPLETED PER PRELIMINARY/APPROVED LTE 4TX4RX/5G NR 1SR CBAND RFDS ID#: 4408044 V:3.00 DATED 03/16/22. CONTRACTOR SHALL REQUEST CURRENT RFDS & WORKBOOK FROM CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
2. THESE PLANS WERE COMPLETED PER THE CURRENT PASSING STRUCTURAL ANALYSIS. NO WORK SHALL BE DONE ON TOWER WITHOUT THE MOST RECENT PASSING STRUCTURAL ANALYSIS REPORT.
3. THESE PLANS WERE COMPLETED PER MOUNT STRUCTURAL ANALYSIS, COMPLETED BY: MASTEC NETWORK SOLUTIONS DATED: 03/11/22.

CONSTRUCTION NOTES

1. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.
2. CONTRACTOR SHALL NOTIFY OWNER FOR ACCESS TO SITE.

APPROVALS

RF ENGINEER	DATE
CONSTRUCTION MANAGER	DATE
OPERATIONS	DATE
SITE ACQUISITION	DATE
PROPERTY/TOWER OWNER	DATE
PROJECT MANAGER	DATE

SHEET INDEX

SHEET	DESCRIPTION	REV.	REV. DATE
T-1	TITLE SHEET	C	4/18/2022
C-1	SITE PLAN & EQUIPMENT LAYOUT	C	4/18/2022
C-2	CABLE LAYOUT & TOWER ELEVATION	C	4/18/2022
C-3	ANTENNA LAYOUT	C	4/18/2022
C-4	CIVIL DETAILS	C	4/18/2022
GN-1	GENERAL NOTES	C	4/18/2022
	RFDS SHEETS ATTACHED		

GENERAL NOTES

811 Know what's below. Call before you dig.

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION, THEREFORE HANDICAP ACCESS IS NOT REQUIRED. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED. NO WORK SHALL COMMENCE WITHOUT THE APPROVED TOWER/ANTENNA MOUNT STRUCTURAL ANALYSIS REPORT SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER UNDER SEPARATE COVER.

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING:

- 2018 IBC BUILDING CODE
- ANSI/EIA/TIA-222-G
- MOST CURRENT NATIONAL ELECTRICAL CODE
- CONTRACTOR TO CONFIRM THAT THE SITE IS COMPLIANT WITH RF WARNING SIGNAGE & EMERGENCY SIGNAGE AS REQUIRED BY THE FEDERAL GUIDELINES CONTAINED WITH OET 65 BULLETIN & AS PER AT&T GUIDELINES

PROJECT SCOPE

CBAND 4 GHZ BAND N77

- DECOM (3) SBNHH-1D65C ANTENNAS IN P1 ALL SECTORS
- DECOM (6) ETB19G8-12UB UMTS TMAS IN P1 ALL SECTORS
- DECOM (3) DC2S (ONE IN EACH SECTOR) & POWER RADIOS OFF SPARE POSITION PER SECTOR
- INSTALL (3) AIR6449 B77D AIR ANTENNAS IN P1 ALL SECTORS, AT LEAST 12" BELOW AIR6419
- RELOCATE (3) 2300 RRUS 32 B30 FROM P1 TO P3 ALL SECTORS
- INSTALL (1) DC9-48-60-24-PC16-EV NEMA SQUID IN ALPHA
- INSTALL (1) #6 DC TRUNK IN ALPHA TO POWER ALPHA AIR6449 B77D AIR ANTENNA, ALPHA AIR6419 B77G AIR ANTENNA & ALPHA 4449 B5/B12
- INSTALL (1) DC9-48-60-24-PC16-EV NEMA SQUID IN BETA
- INSTALL (1) #6 DC TRUNK IN BETA TO POWER BETA AIR6449 B77D AIR ANTENNA, BETA AIR6419 B77G AIR ANTENNA & BETA 4449 B5/B12
- INSTALL (1) DC9-48-60-24-PC16-EV NEMA SQUID IN GAMMA
- INSTALL (1) #6 DC TRUNK IN GAMMA TO POWER GAMMA AIR6449 B77D AIR ANTENNA, GAMMA AIR6419 B77G AIR ANTENNA & GAMMA 4449 B5/B12
- USE EXISTING FIBERS IN EACH SECTOR

850 MHZ BH (5MHZ) E-UTRA BAND 5

- DECOM (6) SBNHH-1D65C ANTENNAS IN P2 & P4 ALL SECTORS
- DECOM (3) 700 RRUS 11 B12 IN P2 ALL SECTORS
- DECOM (3) 850 RRUS 11 B5 IN P4 ALL SECTORS
- INSTALL (3) NNH4-65C-R6-V3 ANTENNAS IN P3 ALL SECTORS
- INSTALL (3) 4449 B5/B12 IN P3 ALL SECTORS, USING #8 Y DC JUMPERS
- RELOCATE (3) 1900 4415 B25 FROM P4 TO P3 ALL SECTORS

SITE SUMMARY

SCOPE TYPE:	CARRIER ADD
OCCUPANCY TYPE:	TELECOMMUNICATIONS
STRUCTURE HEIGHT:	115'±
STRUCTURE TYPE:	ROOFTOP
PACE NUMBER:	**MRBHM011743, MRBHM011763, MRBHM011782, MRBHM011021, MRBHM010538, MRBHM014550**
LATITUDE:	30.0249167
LONGITUDE:	-90.0686389
OCCUPANCY TYPE:	UNMANNED TELECOMMUNICATIONS FACILITY

PROJECT DIRECTORY

APPLICANT:	AT&T MOBILITY CORP. 3535 COLONNADE PKWY, SUITE 500 BIRMINGHAM, AL 35243
TOWER OWNER:	UNIVERSITY OF NEW ORLEANS 2000 LAKESHORE DR NEW ORLEANS, LA 70148 PHONE: (504) 280-6000
SITE DESIGN:	MASTEC NETWORK SOLUTIONS 1151 SE CARY PARKWAY, SUITE 101 CARY, NC 27518 CONTACT: RAPHAEL MOHAMED PHONE: (919) 674-5895

STATE OF LOUISIANA
RAPHAEL MOHAMED
License No. 32343
PROFESSIONAL ENGINEER

4/18/2022

RAPHAEL MOHAMED, P.E.
LOUISIANA NO. 32343

SUBMITTALS

DATE	DESCRIPTION	REV.	ISSUED BY
03/25/2022	90% CD'S	A	RM
4/6/2022	95% CD'S	B	RM
4/18/2022	95% CD'S	C	RM

PERMITTING

DRAWN BY:	FM
CHECKED BY:	JFS
APPV'D BY:	RM
MNS PROJECT NO:	30598-AEC

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PREPARED FOR: at&t

PREPARED BY:
MasTec Network Solutions
1151 SE CARY PARKWAY, SUITE 101
CARY, NC 27518

SITE ID: **LAL00381**

SITE NAME: **UNO - BIENVILLE RESIDENCE HALL RELO**

SITE ADDRESS: **2000 LAKESHORE DRIVE NEW ORLEANS, LA 70148**

FA LOCATION: **11607955**

TOWER OWNER ID: **N/A**

SHEET TITLE: **TITLE SHEET**

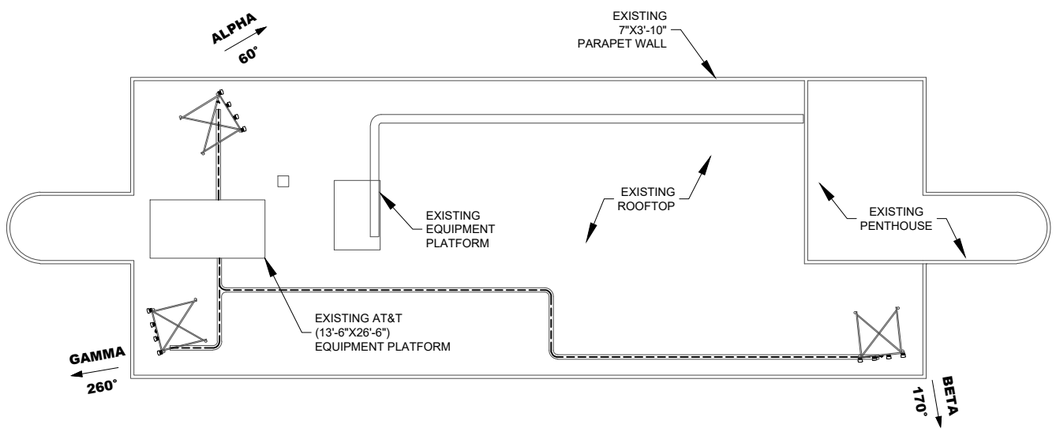
SHEET NUMBER: **T-1**

EXISTING EQUIPMENT

NEW EQUIPMENT

DC NEW DC POWER CABLE

F NEW FIBER CABLE



0 35' 70'

1"=35'-0"

SITE PLAN

11"x17" SCALE: 1"=35'-0"
24"x36" SCALE: 1"=17'-6"

NOTES:

CBAND 4 GHZ BAND N77

- EXISTING CONFIG: NO GEN, GE -48V PP 4R 4C, 8X 190MAH, TWO FLX16
- INSTALL (6) RECTIFIERS IN GE -48 PP FOR A FINAL COUNT OF ELEVEN
- INSTALL (1) BATTERY CABINET
- INSTALL (4) BATTERIES UNDER EXISTING PP & EIGHT BATTERIES IN NEW CABINET FOR A TOTAL OF TWELVE NEW BATTERIES
- INSTALL (1) OD DC12
- INSTALL #6 ON A-C SIDE OF NEW OD DC12
- LABEL A SIDE AS A1 ALPHA AIR6449 B77D AIR ANTENNA, A2 ALPHA AIR6419 B77G AIR ANTENNA & A3 ALPHA 4449 B5/B12
- LABEL B SIDE AS B1 BETA AIR6449 B77D AIR ANTENNA, B2 BETA AIR6419 B77G AIR ANTENNA & B3 BETA 4449 B5/B12
- LABEL C SIDE AS C1 GAMMA AIR6449 B77D AIR ANTENNA, C2 GAMMA AIR6419 B77G AIR ANTENNA & C3 GAMMA 4449 B5/B12
- INSTALL (3) 50A BREAKERS FOR AIR6449
- INSTALL (3) 45A BREAKERS FOR FUTURE AIR6419 B77G AIR ANTENNAS, INSTALLED ON DOD PACE

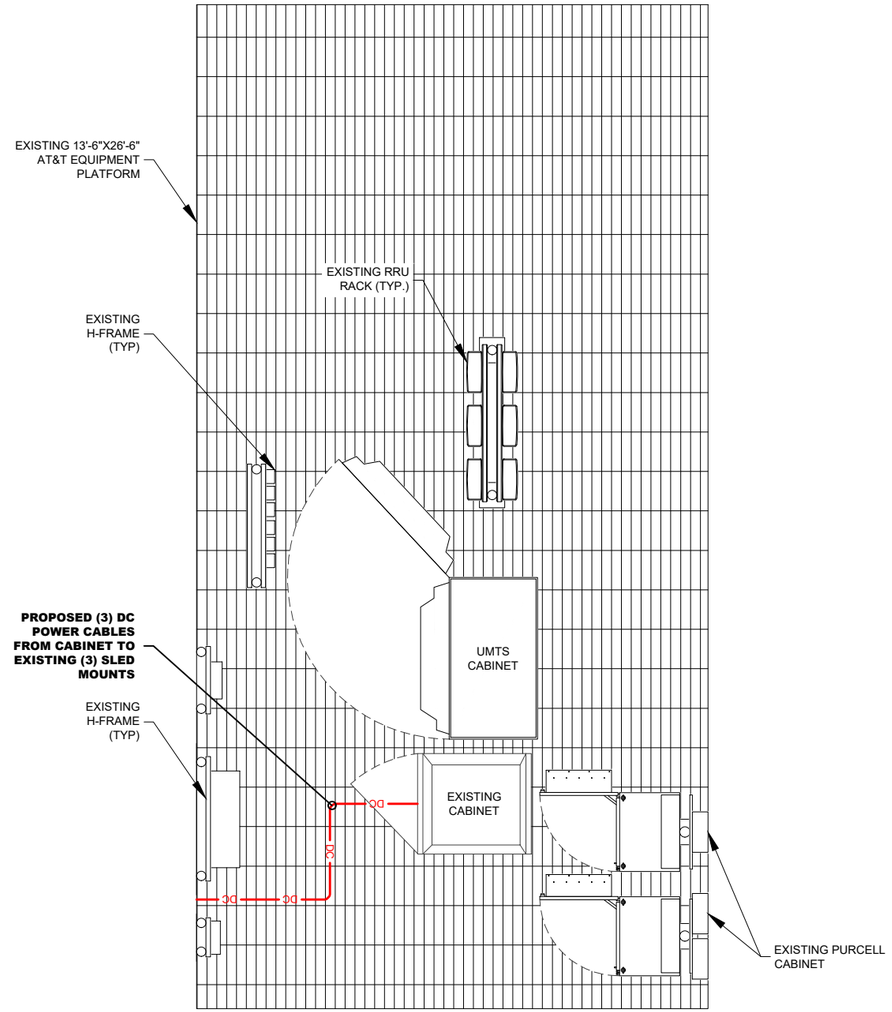
850 MHZ BH (5MHZ) E-UTRA BAND 5

- INSTALL (3) 40A BREAKERS FOR 4449 B5/B12 RADIOS

DOD 3.45 GHZ BAND N77

- MOVED TO STANDALONE PROJECT PACE MRBHM014550

700 MHZ OFFSET LOWER_B+C (10 MHZ) E-UTRA BAND 17



0 4' 8'

1"=4'-0"

EQUIPMENT LAYOUT

11"x17" SCALE: 1"=4'-0"
24"x36" SCALE: 1"=2'-0"

STATE OF LOUISIANA
RAPHAEL MOHAMED
License No. 32343
PROFESSIONAL ENGINEER

4/18/2022

RAPHAEL MOHAMED, P.E.
LOUISIANA NO. 32343

SUBMITTALS

DATE	DESCRIPTION	REV	ISSUED BY
03/25/2022	90% CD'S	A	RM
4/6/2022	95% CD'S	B	RM
4/18/2022	95% CD'S	C	RM

PERMITTING

DRAWN BY:	FM
CHECKED BY:	JFS
APPV'D BY:	RM
MNS PROJECT NO:	30598-AEC

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PREPARED FOR:

at&t

PREPARED BY:

MasTec Network Solutions
1151 SE CARY PARKWAY, SUITE 101
CARY, NC 27518

SITE ID:

LAL00381

SITE NAME:

UNO - BIENVILLE RESIDENCE HALL RELO

SITE ADDRESS:

2000 LAKESHORE DRIVE NEW ORLEANS, LA 70148

FA LOCATION:

11607955

TOWER OWNER ID:

N/A

SHEET TITLE

SITE PLAN & EQUIPMENT LAYOUT

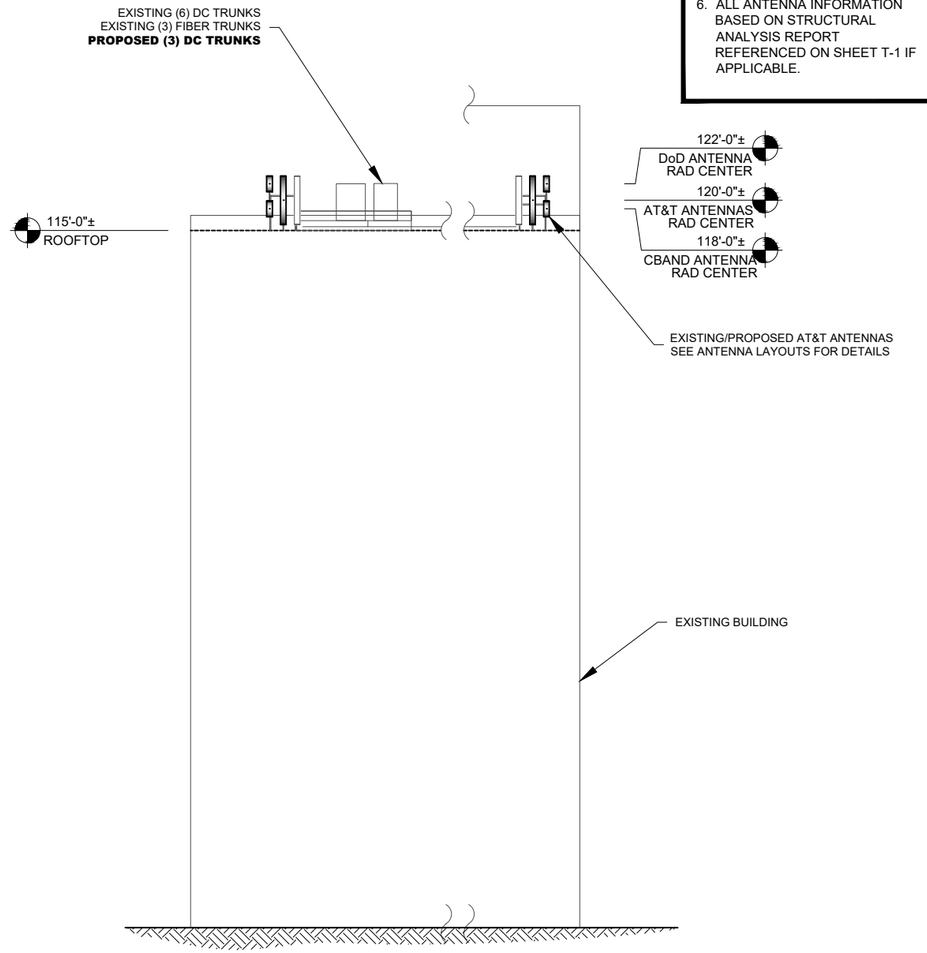
SHEET NUMBER

C-1

SEE CURRENT PASSING
STRUCTURAL ANALYSIS
FOR CABLE LAYOUT

CABLE LAYOUT

SCALE: N.T.S



TOWER ELEVATION

11"x17" SCALE: 1"=25'-0"
24"x36" SCALE: 1"=12'-6"

0 25' 50'

1"=25'-0"

NOTES:

1. THIS ANTENNA ORIENTATION PLAN IS A SCHEMATIC. THE CONTRACTOR SHALL VERIFY TOWER ORIENTATION AND FIELD COORDINATE REQUIRED ADJUSTMENTS TO ACHIEVE THE DESIRED ANTENNA AZIMUTHS.
2. ANTENNA CENTERLINE HEIGHT BASED ON TOP OF FOOTING ELEVATION.
3. ALL ANTENNAS, CABLES AND MOUNTS SHALL BE INSTALLED IN ACCORDANCE WITH THE TOWER ENGINEER'S RECOMMENDATIONS IN A MANNER CONSISTENT WITH THE STRUCTURAL ANALYSIS REPORT.
4. ALL ANTENNA BRACKETS PER ANTENNA MANUFACTURER, OR EQUAL. CONTRACTOR TO COORDINATE REQUIRED MECHANICAL DOWNTILT WITH AT&T.
5. ALL ANTENNA INFORMATION TO BE CONFIRMED WITH AT&T RF DESIGN PRIOR TO INSTALLATION.
6. ALL ANTENNA INFORMATION BASED ON STRUCTURAL ANALYSIS REPORT REFERENCED ON SHEET T-1 IF APPLICABLE.

STATE OF LOUISIANA
RAPHAEL MOHAMED
License No. 32343
PROFESSIONAL ENGINEER

4/18/2022

RAPHAEL MOHAMED, P.E.
LOUISIANA NO. 32343

SUBMITTALS

DATE	DESCRIPTION	REV	ISSUED BY
03/25/2022	90% CD'S	A	RM
4/6/2022	95% CD'S	B	RM
4/18/2022	95% CD'S	C	RM

PERMITTING

DRAWN BY:	FM
CHECKED BY:	JFS
APPV'D BY:	RM
MNS PROJECT NO:	30598-AEC

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PREPARED FOR:

at&t

PREPARED BY:

MasTec Network Solutions
1151 SE CARY PARKWAY, SUITE 101
CARY, NC 27518

SITE ID:

LAL00381

SITE NAME:

UNO - BIENVILLE RESIDENCE HALL RELO

SITE ADDRESS:

**2000 LAKESHORE DRIVE
NEW ORLEANS, LA 70148**

FA LOCATION:

11607955

TOWER OWNER ID:

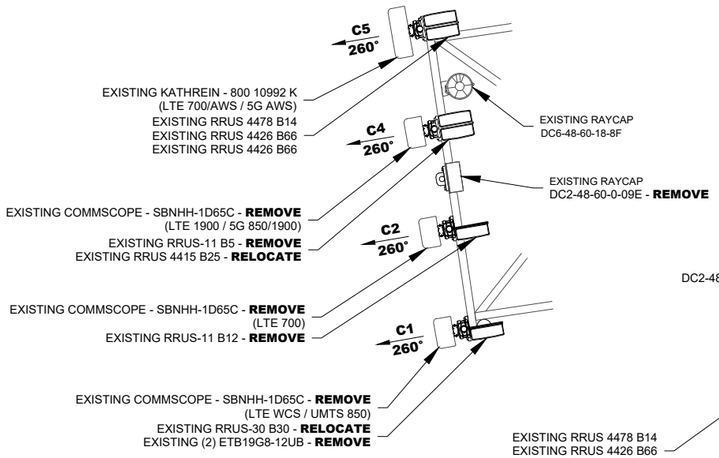
N/A

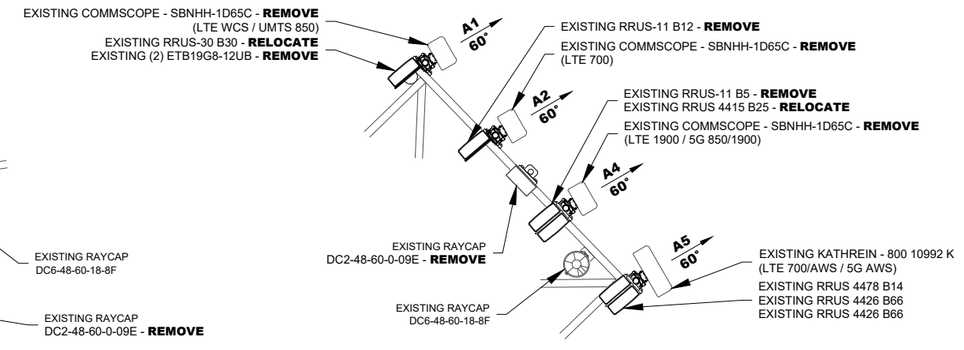
SHEET TITLE

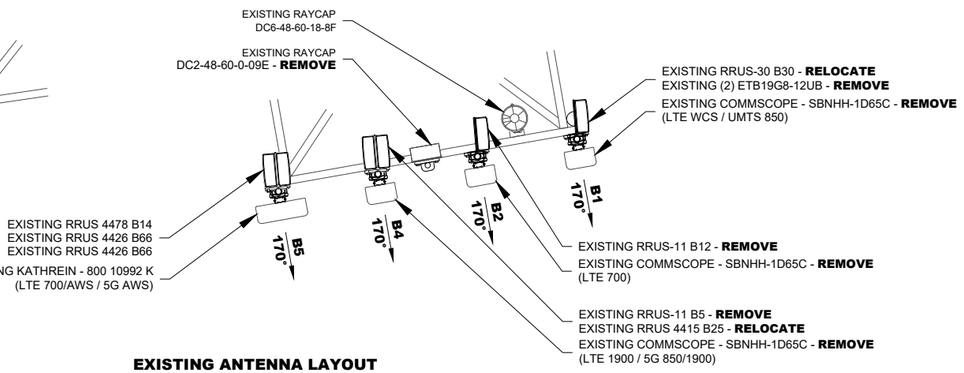
CABLE LAYOUT & TOWER ELEVATION

SHEET NUMBER

C-2





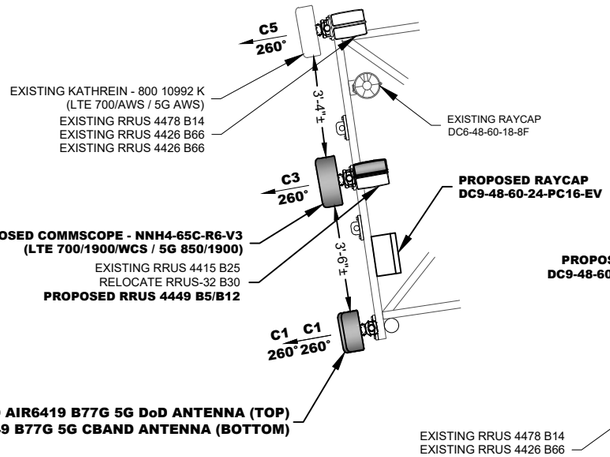


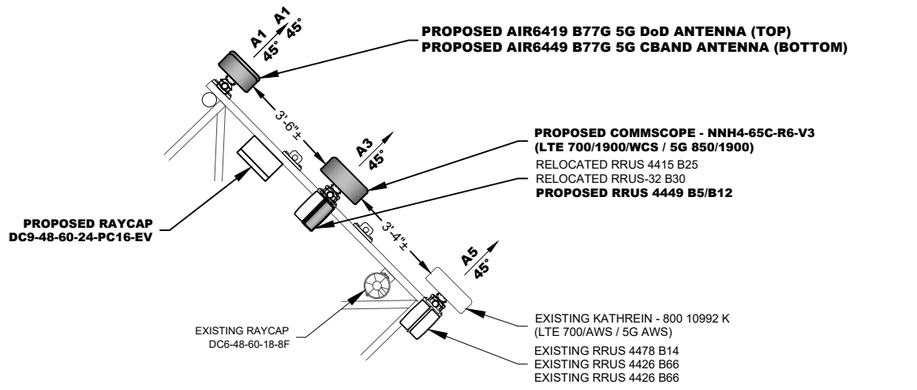
0 5' 10'

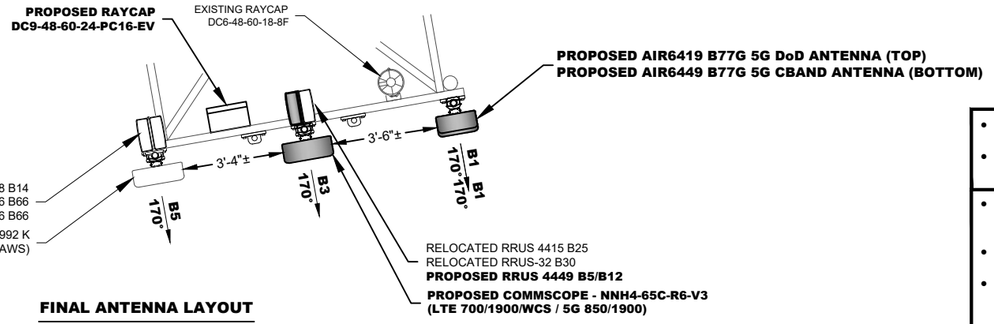
1"=5'-0"

EXISTING ANTENNA LAYOUT

11"x17" SCALE: 1"=5'-0"
24"x36" SCALE: 1"=2'-6"







0 5' 10'

1"=5'-0"

FINAL ANTENNA LAYOUT

11"x17" SCALE: 1"=5'-0"
24"x36" SCALE: 1"=2'-6"

- ALL RRU MOUNTING BRACKETS TO BE SUPPLIED BY AT&T
- SEE SHEET C-4 FOR RRU MOUNTING BRACKET DETAILS

- MAINTAIN 3'-0" MIN. SEPARATION BETWEEN FIRSTNET AND LTE 700 ANTENNAS
- INSTALLER TO FIELD VERIFY ANTENNA SEPARATION.
- INSTALLER MAY NEED TO SHIFT ANTENNA MOUNTS AS NEEDED TO OBTAIN REQUIRED MINIMUM SEPARATION BETWEEN ANTENNAS.

STATE OF LOUISIANA
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4/18/2022

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LOUISIANA NO. 32343

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CHECKED BY:	JFS
APPV'D BY:	RM
MNS PROJECT NO:	30598-AEC

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at&t

PREPARED BY:
MasTec Network Solutions
1151 SE CARY PARKWAY, SUITE 101
CARY, NC 27518

SITE ID:
LAL00381

SITE NAME:
UNO - BIENVILLE RESIDENCE HALL RELO

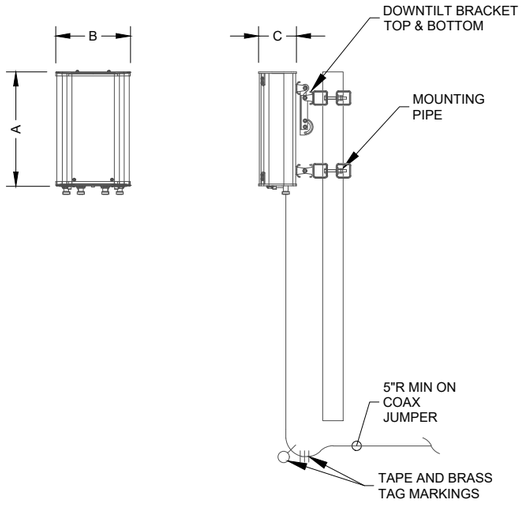
SITE ADDRESS:
**2000 LAKESHORE DRIVE
NEW ORLEANS, LA 70148**

FA LOCATION:
11607955

TOWER OWNER ID:
N/A

SHEET TITLE
ANTENNA LAYOUT

SHEET NUMBER
C-3



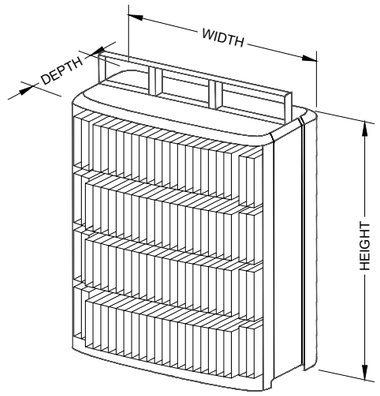
NEW ANTENNA SPECIFICATIONS				
ANTENNA MODEL	**LENGTH (A)**	**WIDTH (B)**	**DEPTH (C)**	**WEIGHT**
ERICSSON AIR6449 B77D	30.4"	15.9"	8.1"	81.6 LBS
ERICSSON AIR6419 B77G	28.0"	15.7"	6.7"	66.1 LBS

NEW ANTENNA SPECIFICATIONS

SCALE: N.T.S.

ERICSSON RRUS 4449 B5/B12

- DIMENSIONS (H x W x D): 14.96" x 13.19" x 10.43" (INCLUDES SUNSHIELD)
- WEIGHT: 73 LBS
- B5/B12 4TX/4RX PER BAND
- LTE: MAX 6 CARRIERS PER PORT (DL)
  MAX 6 CARRIERS PER PORT (UL)
- CPRI SUPPORT - 2.5/4.9/9.8/10.1 GBPS.



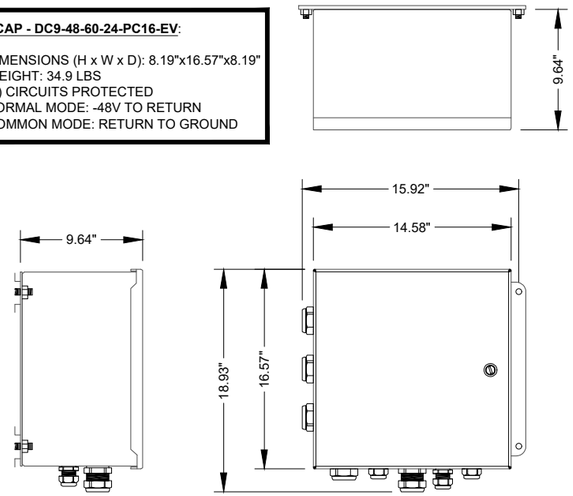
NOTE:
RRUS CAN ONLY BE PAINTED ON SOLAR SHIELD.

ERICSSON RRUS 4449 B5/B12 DETAIL

SCALE: N.T.S.

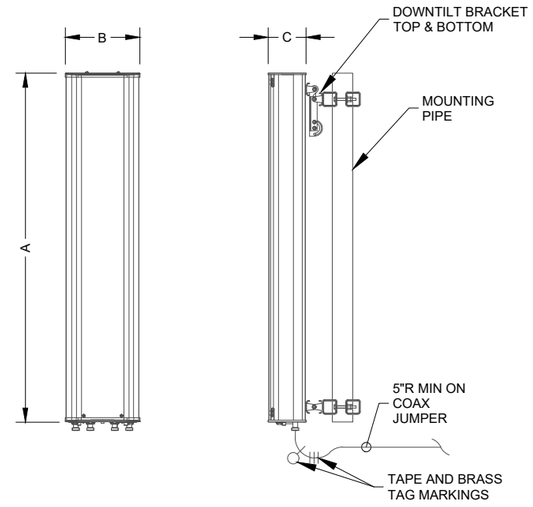
RAYCAP - DC9-48-60-24-PC16-EV:

- DIMENSIONS (H x W x D): 8.19"x16.57"x8.19"
- WEIGHT: 34.9 LBS
- (9) CIRCUITS PROTECTED
- NORMAL MODE: -48V TO RETURN
- COMMON MODE: RETURN TO GROUND



RAYCAP DC9-48-60-24-PC16-EV DETAIL

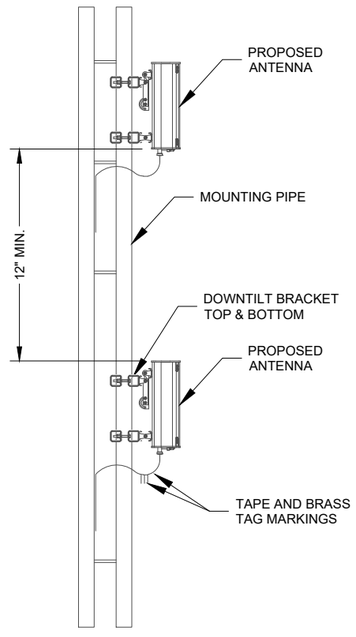
SCALE: N.T.S.



NEW ANTENNA SPECIFICATIONS				
ANTENNA MODEL	**LENGTH (A)**	**WIDTH (B)**	**DEPTH (C)**	**WEIGHT**
COMMSCOPE NNH4-65B-R6	96.0"	19.6"	7.8"	80.0 LBS

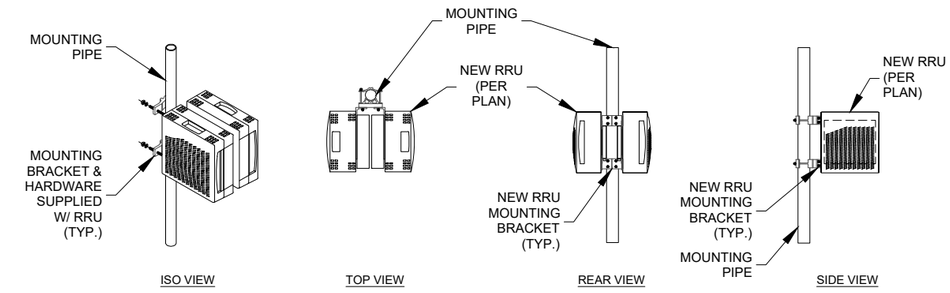
NEW ANTENNA SPECIFICATIONS

SCALE: N.T.S.

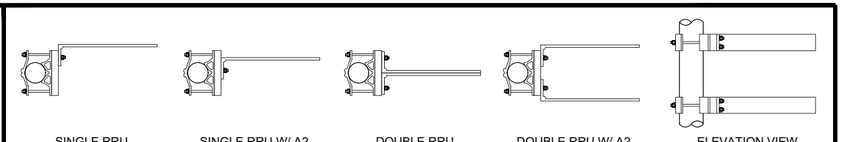


ANTENNA MOUNTING DETAIL

SCALE: N.T.S.



RRU MOUNTING BRACKET



RRUS MOUNTING DETAILS

SCALE: N.T.S.

STATE OF LOUISIANA
RAPHAEL MOHAMED
License No. 32343
PROFESSIONAL ENGINEER

4/18/2022

RAPHAEL MOHAMED, P.E.
LOUISIANA NO. 32343

SUBMITTALS

DATE	DESCRIPTION	REV	ISSUED BY
03/25/2022	90% CD'S	A	RM
4/6/2022	95% CD'S	B	RM
4/18/2022	95% CD'S	C	RM

PERMITTING

DRAWN BY:	FM
CHECKED BY:	JFS
APPV'D BY:	RM
MNS PROJECT NO:	30598-AEC

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PREPARED FOR:

at&t

PREPARED BY:

MasTec Network Solutions
1151 SE CARY PARKWAY, SUITE 101
CARY, NC 27518

SITE ID:

LAL00381

SITE NAME:

UNO - BIENVILLE RESIDENCE HALL RELO

SITE ADDRESS:

2000 LAKESHORE DRIVE NEW ORLEANS, LA 70148

FA LOCATION:

11607955

TOWER OWNER ID:

N/A

SHEET TITLE

CIVIL DETAILS

SHEET NUMBER

C-4

GENERAL NOTES:

1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:

   CONTRACTOR - GENERAL CONTRACTOR
   SUBCONTRACTOR - GENERAL CONTRACTOR (CONSTRUCTION)
   OWNER - AT&T MOBILITY
   OEM - ORIGINAL EQUIPMENT MANUFACTURER

2. PRIOR TO THE SUBMISSIONS OF BIDS, THE BIDDING SUBCONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, QUANTITIES AND DIMENSIONS BEFORE STARTING ANY WORK. NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES OR INCONSISTENCIES BEFORE PROCEEDING WITH THE WORK.

3. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. SUBCONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.

4. DRAWINGS PROVIDED HERE ARE NOT TO BE SCALED AND ARE INTENDED TO SHOW OUTLINE ONLY.

5. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.

6. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.

7. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CONTRACTOR.

8. SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND TELCO PLAN DRAWING. SUBCONTRACTOR SHALL UTILIZE EXISTING TRAYS AND/OR SHALL ADD NEW TRAYS AS NECESSARY. SUBCONTRACTOR SHALL CONFIRM THE ACTUAL ROUTING WITH THE CONTRACTOR. ROUTING OF TRENCHING SHALL BE APPROVED BY CONTRACTOR.

9. THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.

10. SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FOR THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.

11. SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.

12. ALL CONCRETE REPAIR WORK SHALL BE DONE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301.

13. ANY NEW CONCRETE NEEDED FOR THE CONSTRUCTION SHALL HAVE 4000 PSI STRENGTH AT 28 DAYS UNLESS OTHERWISE SPECIFIED. ALL CONCRETING WORK SHALL BE DONE IN ACCORDANCE WITH ACI 318 CODE REQUIREMENTS.

14. ALL STRUCTURAL STEEL WORK SHALL BE DONE IN ACCORDANCE WITH AISC 13 EDITION SPECIFICATIONS.

15. CONSTRUCTION SHALL COMPLY WITH SPECIFICATION 25741-000-3APS-A00Z-00002, "GENERAL CONSTRUCTION SERVICES".

16. SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS MUST BE VERIFIED. SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.

17. THE EXISTING CELL SITE IS IN FULL COMMERCIAL OPERATION. ANY CONSTRUCTION WORK BY SUBCONTRACTOR SHALL NOT DISRUPT THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT MUST BE COORDINATED WITH CONTRACTOR. ALSO, WORK MAY NEED TO BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS AFTER MIDNIGHT.

18. SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.

19. ALL ANTENNA PIPES SHALL BE SCHEDULE 80.

20. LIMITS OF LIABILITY - ITEMS REFERENCED ARE OWNER/CLIENT DICTATED ITEMS, OR SUPPLIED ITEMS WHICH ARE REPRODUCED WITHOUT ALTERATION AS DIRECTED BY OWNER/CLIENT, AND OWNER/CLIENT ASSUMES ANY AND ALL LIABILITY FOR USE OF, CONSEQUENCES OF, OR INTERPRETATION OF SAID ITEM, SPECIFICATION, OR DIRECTIVE; AND AGREES TO INDEMNIFY AND HOLD ENGINEER COMPLETELY HARMLESS.

21. PROFESSIONAL SEAL - DETAILS, SPECIFICATION(S), OR ITEMS REFERENCED, ARE NOT PART OF THE PROFESSIONAL DESIGN PERFORMED BY LICENSEE AND THE PROFESSIONAL SEAL DOES NOT APPLY.

22. LIMITS OF LIABILITY - ITEMS REFERENCED ARE OWNER/CLIENT DICTATED ITEMS, OR SUPPLIED ITEMS WHICH ARE REPRODUCED WITHOUT ALTERATION AS DIRECTED BY OWNER/CLIENT, AND OWNER/CLIENT ASSUMES ANY AND ALL LIABILITY FOR USE OF CONSEQUENCES OF, OR INTERPRETATION OF SAID ITEM, SPECIFICATION, OR DIRECTIVE; AND AGREES TO INDEMNIFY AND HOLD ENGINEER COMPLETELY HARMLESS.

ELECTRICAL INSTALLATION NOTES:

1. WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC AND TELCORDIA.

2. SUBCONTRACTORS SHALL MODIFY EXISTING CABLE TRAY SYSTEM AS REQUIRED TO SUPPORT RF AND TRANSPORT CABLING TO THE NEW BTS EQUIPMENT. SUBMIT MODIFICATIONS SUBCONTRACTOR SHALL TO CONTRACTOR FOR APPROVAL.

3. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC AND TELCORDIA.

4. CABLES SHALL NOT BE ROUTED THROUGH LADDER-STYLE CABLE TRAY RUNGS.

5. EACH END OF EVERY POWER, GROUNDING, AND T1 CONDUCTOR AND CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC & OSHA, AND MATCH EXISTING INSTALLATION REQUIREMENTS.

6. POWER PHASE CONDUCTORS (I.E., HOTS) SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). PHASE CONDUCTOR COLOR CODES SHALL CONFORM WITH THE NEC & OSHA, AND MATCH EXISTING INSTALLATION REQUIREMENTS

7. ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING, AND BRANCH CIRCUIT ID NUMBERS (I.E., PANELBOARD AND CIRCUIT ID'S).

8. PANELBOARDS (ID NUMBERS) AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS.

9. ALL TIE WRAPS WHERE PERMITTED SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES. USE LOW PROFILES TIE WRAPS.

10. POWER, CONTROL, AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (12 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.

11. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE CONDUCTOR (6 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN-Z CLASS STRANDED COPPER CABLE RATED FOR 90° C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.

12. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED OUTDOORS, OR BELOW GRADE, SHALL BE SINGLE CONDUCTOR 2 AWG SOLID TINNED COPPED CABLE, UNLESS . OTHERWISE SPECIFIED.

13. POWER WIRING, NOT IN TUBING OR CONDUIT, SHALL BE MULTI-CONDUCTOR, "TYPE TC CABLE (12 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION USED, UNLESS OTHERWISE SPECIFIED.

14. ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRENUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRENUTS SHALL BE RATED FOR OPERATION AT ON LESS THAN 75C (90°C IF AVAILABLE).

15. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.

16. NEW RACEWAY OR CABLE TRAY WILL MATCH THE EXISTING INSTALLATION WHERE POSSIBLE.

17. ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.

18. ELECTRICAL METALLIC TUBING (EMT) OR ELECTRICAL NONMETALLIC TUBING (ENT), OR RIGID NONMETALLIC CONDUIT (RIGID PVC SCHEDULE 40) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.

19. GALVANIZED STEEL INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED FOR OUTDOOR LOCATIONS ABOVE GRADE.

20. RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND; DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE TRAFFIC OR ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY VEHICLE TRAFFIC.

21. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.

22. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SETSCREW FITTINGS ARE NOT ACCEPTABLE.

23. CABINETS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND NEC.

24. CABINETS, BOXES AND WIREWAYS TO MATCH THE EXISTING INSTALLATION WHERE POSSIBLE.

25. WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 34 (OR BETTER) OUTDOORS.

26. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 34 (OR BETTER) OUTDOORS.

27. METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.

28. NONMETALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.

29. THE SUBCONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CONTRACTOR BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.

30. THE SUBCONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD AGAINST LIFE AND PROPERTY.

GROUNDING NOTES:

1. THE SUBCONTRACTOR SHALL REVIEW AND INSPECT THE EXISTING FACILITY GROUNDING SYSTEM AND LIGHTNING PROTECTION SYSTEM (AS DESIGNED AND INSTALLED) FOR STRICT COMPLIANCE WITH THE NEC (AS ADOPTED BY THE AFIJ). THE SITE-SPECIFIC (UL, LPI, OR NFPA) LIGHTING PROTECTION CODE, AND GENERAL COMPLIANCE WITH TELCORDIA AND TIA GROUNDING STANDARDS. THE SUBCONTRACTOR SHALL REPORT ANY VIOLATIONS OR ADVERSE FINDINGS TO THE CONTRACTOR FOR RESOLUTION.

2. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION, AND AC POWER GES'S) SHALL BE BONDED TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.

3. THE SUBCONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 91) FOR NEW GROUND ELECTRODE SYSTEMS. THE SUBCONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS. TESTS SHALL BE PERFORMED IN ACCORDANCE WITH 25471 -000-3PS-EGOO -0001, DESIGN & TESTING OF FACILITY GROUNDING FOR CELL SITES.

4. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.

5. EACH BTS CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, 6 AWG STRANDED COPPER OR LARGER INDOORS BTS; 2 AWG STRANDED COPPER FOR OUTDOORS BTS.

6. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.

7. APPROVED ANTIOXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.

8. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED WITH STAINLESS STEEL HARDWARE TO THE BRIDGE AND THE TOWER GROUND BAR.

9. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.

10. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.

11. METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH 6 AWG COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.

12. GROUND CONDUCTORS USED IN THE FACILITY GROUND AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CUPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERIAL, SUCH AS PVC PLASTIC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (E.G., NON-METALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.

13. ALL TOWER GROUND SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF ANSI/TIA 222. FOR TOWERS BEING BUILT TO REV G OF THE STANDARD, THE WIRE SIZE OF THE BURIED GROUND RING AND CONNECTIONS BETWEEN THE TOWER AND THE BURIED GROUND RING SHALL BE CHANGED FROM 2 AWG TO 2/0 AWG. IN ADDITION, THE MINIMUM LENGTH OF THE GROUND RODS SHALL BE INCREASED FOR 8 FEET TO 10 FEET.

14. ALL GROUND WIRE TO RRUS SHALL BE #2 GREEN STRANDED.

15. ALL OUTDOOR LUGS SHALL USE BLACK HEAT SHRINK AND INDOOR LUGS SHALL USE CLEAR HEAT SHRINK.

16. ALL OUTDOOR LUGS TO BE LONG BARREL 2 HOLE WITHOUT INSPECTION HOLES AND INDOOR LUGS TO HAVE INSPECTION HOLES.

STATE OF LOUISIANA
RAPHAEL MOHAMED
License No. 32343
PROFESSIONAL ENGINEER

4/18/2022

RAPHAEL MOHAMED, P.E.
LOUISIANA NO. 32343

SUBMITTALS

DATE	DESCRIPTION	REV	ISSUED BY
03/25/2022	90% CD'S	A	RM
4/6/2022	95% CD'S	B	RM
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PERMITTING

DRAWN BY:	FM
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MNS PROJECT NO:	30598-AEC

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PREPARED FOR:
at&t

PREPARED BY:
MasTec Network Solutions
1151 SE CARY PARKWAY, SUITE 101
CARY, NC 27518

SITE ID:
LAL00381

SITE NAME:
UNO - BIENVILLE RESIDENCE HALL RELO

SITE ADDRESS:
2000 LAKESHORE DRIVE NEW ORLEANS, LA 70148

FA LOCATION:
11607955

TOWER OWNER ID:
N/A

SHEET TITLE
GENERAL NOTES

SHEET NUMBER
GN-1

Section 1 - RFDS GENERAL INFORMATION

RFDS NAME:	UNO-Relo	DATE:	04/28/2014	RF DESIGN ENG:	Majid Mohammed
ISSUE:		Approved? (Y/N):	Yes	RF DESIGN PHONE:	5042029036
REVISION:		RF MANAGER:	Thomas Gandy	RF DESIGN EMAIL:	MM836U@US.ATT.COM
INITIATIVE /PROJECT:					

RF PERF ENG:		RFDS PROGRAM TYPE:	2022 5G NR Radio		
RF PERF PHONE:		RFDS TECHNOLOGY:	5G NR 1SR CBAND		
RF PERF EMAIL:		STATE/STATUS:	Final/RF Approval		
ADDITIONAL WORKFLOW NOTIFICATIONS:		RFDS ID:	4408044		
RFDS VERSION:	3.00	Created By:	mm836u	Updated By:	bs1399
UMTS FREQUENCY:	850	Date Created:	3/10/2021 1:15:48 PM	Date Updated:	3/16/2022 3:42:17 PM
LTE FREQUENCY:	700, 850, 1900, AWS, WCS	Estimated SQIN:	20,903	Expiration :	
5G FREQUENCY:	850, 1900, AWS, CBAND, DoD	RER Initiative:		Calculation ID:	2021092119092983 00
I-PLAN JOB # 1:	ER_-RBHM-21-03469	IPLAN PRD GRP || SUB GRP #1:	Cell Site RF Modifications || 5G NR Upgrade		
I-PLAN JOB # 2:	ER_-RBHM-21-03468	IPLAN PRD GRP || SUB GRP #2:	Antenna Modifications || 4TX4RX Software Retrofit		
I-PLAN JOB # 3:	ER_-RBHM-21-03470	IPLAN PRD GRP || SUB GRP #3:	5G NR Radio || 5G NR 1SR CBand		
I-PLAN JOB # 4:	ER_-RBHM-21-02912	IPLAN PRD GRP || SUB GRP #4:	5G NR Software Radio || 5G NR Activation		
I-PLAN JOB # 5:	ER_-RBHM-21-02914	IPLAN PRD GRP || SUB GRP #5:	5G NR Software Radio || 5G NR Activation		
I-PLAN JOB # 6:	ER_-RBHM-21-06205	IPLAN PRD GRP || SUB GRP #6:	5G NR Radio || 5G NR 1SR CBand		
I-PLAN JOB # 7:		IPLAN PRD GRP || SUB GRP #7:			
I-PLAN JOB # 8:		IPLAN PRD GRP || SUB GRP #8:			
I-PLAN JOB # 9:		IPLAN PRD GRP || SUB GRP #8:			
I-PLAN JOB # 10:		IPLAN PRD GRP || SUB GRP #8:			
I-PLAN JOB # 11:		IPLAN PRD GRP || SUB GRP #8:			
I-PLAN JOB # 12:		IPLAN PRD GRP || SUB GRP #8:			
I-PLAN JOB # 13:		IPLAN PRD GRP || SUB GRP #8:			
I-PLAN JOB # 14:		IPLAN PRD GRP || SUB GRP #8:			
I-PLAN JOB # 15:		IPLAN PRD GRP || SUB GRP #8:			
I-PLAN JOB # 16:		IPLAN PRD GRP || SUB GRP #8:			

Section 2 - LOCATION INFORMATION

USID:	129881	FA LOCATION CODE:	11607955	LOCATION NAME:	UNO - BIENVILLE RESIDENCE HALL RELO
REGION:	SOUTHEAST	MARKET CLUSTER:	ALABAMA/MISSISSIPPI/LOUISIANA	MARKET:	NEW ORLEANS
ADDRESS:	2000 LAKESHORE DRIVE	CITY:	NEW ORLEANS	STATE:	LA
ZIP CODE:	70148	COUNTY:	ORLEANS	LONG (DEC. DEG.):	-90.0686389
LATITUDE (D-M-S):	30d 1m 29.70012s	LONGITUDE (D-M-S):	-90d -4m -7.10004s	LAT (DEC. DEG.):	30.0249167
DIRECTIONS, ACCESS AND EQUIPMENT LOCATION:	FROM CAUSEWAY BOULEVARD AND I-10 IN METAIRIE, LOUISIANA, TRAVEL EAST ON I-10 TO THE I-610 SPLIT, FOLLOW I-610 EAST TO ELYSIAN FIELDS, EXIT AND TURN LEFT ONTO ELYSIAN FIELDS, TRAVEL NORTH TO LEON C. SIMON AVENUE, TURN LEFT AND TRAVEL APPROXIMATELY 0.5 MILE TO FOUNDERS DRIVE, TURN RIGHT AND THE ENGINEERING BUILDING WILL BE ON THE RIGHT, SITE IS ON THE ROOF OF ENGINEERING BUILDING.				

ORACLE PTN # 1:	2752A0Z4VY	PACE JOB # 1:	MRBHM011743		
ORACLE PTN # 2:	2752A0Z5QZ	PACE JOB # 2:	MRBHM011763		
ORACLE PTN # 3:	2752A0Z555	PACE JOB # 3:	MRBHM011782		
ORACLE PTN # 4:		PACE JOB # 4:	MRBHM011021		
ORACLE PTN # 5:		PACE JOB # 5:	MRBHM010538		
ORACLE PTN # 6:	2752A106AL	PACE JOB # 6:	MRBHM014550		
ORACLE PTN # 7:		PACE JOB # 7:			
ORACLE PTN # 8:		PACE JOB # 8:			
ORACLE PTN # 9:		PACE JOB # 9:			
ORACLE PTN # 10:		PACE JOB # 10:			
ORACLE PTN # 11:		PACE JOB # 11:			
ORACLE PTN # 12:		PACE JOB # 12:			
ORACLE PTN # 13:		PACE JOB # 13:			
ORACLE PTN # 14:		PACE JOB # 14:			
ORACLE PTN # 15:		PACE JOB # 15:			
ORACLE PTN # 16:		PACE JOB # 16:			
BORDER CELL WITH CONTOUR COORD:		SEARCH RING NAME:			
AM STUDY REQ'D (Y/N):	No	SEARCH_RING_ID:			
FREQ COORD:		BTA:		MSA / RSA:	
		LAC(UMTS):	18991		
RF DISTRICT:	NEW ORLEANS				
RF ZONE:	NEW ORLEANS	RNC(UMTS):	MNVLLA20CRBR09		
		MME POOL ID(LTE):	FF30		
PARENT NAME(UMTS):	MANDEVILLE RNC09				

Section 3 - LICENSE COVERAGE/FILING INFORMATION

CGSA - NO FILING TRIGGERED (Yes/No):	No	CGSA LOSS:		PCS REDUCED - UPS ZIP:	
CGSA - MINOR FILING NEEDED (Yes/No)::	No	CGSA EXT AGMT NEEDED:		PCS POPS REDUCED:	
CGSA - MAJOR FILING NEEDED (Yes/No):	Yes	CGSA SCORECARD UPDATED:			

CGSA CALL SIGNS:	

Section 4 - TOWER/REGULATORY INFORMATION

Section 17A - FINAL TOWER CONFIGURATION - SECTOR A (OR OMNI)

ANTENNA POSITION is LEFT to RIGHT from BACK OF ANTENNA (unless otherwise specified)	ANTENNA POSITION 1	ANTENNA POSITION 2	ANTENNA POSITION 3	ANTENNA POSITION 4	ANTENNA POSITION 5	ANTENNA POSITION 6	ANTENNA POSITION 7
ANTENNA MAKE - MODEL	AIR6449 B77D+AIR6419 B77G STACKED		NNH4-65C-R6-V3		800 10992 K		
ANTENNA VENDOR	Ericsson		Commscope		Kathrein		
ANTENNA SIZE (H x W x D)	58.4X15.9X8.1		96X19.6X7.8		105.2X20X6.9		
ANTENNA WEIGHT	147.7		102.1		133.4		
AZIMUTH	60		60		60		
MAGNETIC DECLINATION							
RADIATION CENTER (feet)	120		120		122.03		
ANTENNA TIP HEIGHT							
MECHANICAL DOWNTILT	0		0		0		
FEEDER AMOUNT							
VERTICAL SEPARATION from ANTENNA ABOVE (TIP to TIP)							
VERTICAL SEPARATION from ANTENNA BELOW (TIP to TIP)							
HORIZONTAL SEPARATION from CLOSEST ANTENNA to LEFT (CENTERLINE to CENTERLINE)							
HORIZONTAL SEPARATION from CLOSEST ANTENNA to RIGHT (CENTERLINE to CENTERLINE)							
HORIZONTAL SEPARATION from ANOTHER ANTENNA (which antenna # / # of inches)					36		
Antenna RET Motor (QTY/MODEL)							
SURGE ARRESTOR (QTY/MODEL)							
DIPLEXER (QTY/MODEL)							
DUPLEXER (QTY/MODEL)							
Antenna RET CONTROL UNIT (QTY/MODEL)							
DC BLOCK (QTY/MODEL)			1 DC9-48-60-24-PC16-EV		1 Raycap/DC6-48-60-18-8F		
TMA/LNA (QTY/MODEL)							
CURRENT INJECTORS FOR TMA (QTY/MODEL)							
PDU FOR TMAS (QTY/MODEL)							
FILTER (QTY/MODEL)							
SQUID (QTY/MODEL)							
FIBER TRUNK (QTY/MODEL)							
DC TRUNK (QTY/MODEL)							
REPEATER (QTY/MODEL)							
RRH - 700 band (QTY/MODEL)			0 RRH is shared with another band		1 4478 B14		
RRH - 850 band (QTY/MODEL)			1 4449 B5/B12				
RRH - 1900 band (QTY/MODEL)			1 4415 B25				
RRH - AWS band (QTY/MODEL)					1 4426 B66		
RRH - WCS band (QTY/MODEL)			1 RRUS-32 B30				
Additional RRH #1 - any band (QTY/MODEL)	1 integrated within: AIR6449 B77D				1 4426 B66		
Additional RRH #2 - any band (QTY/MODEL)	1 integrated within: AIR6419 B77G						
RRH 7B 1 (QTY/MODEL)							
RRH 7B 2 (QTY/MODEL)							
RRH 7B 3 (QTY/MODEL)							
Additional Component 1 (QTY/MODEL)							
Additional Component 2 (QTY/MODEL)							
Additional Component 3 (QTY/MODEL)							
Local Market Note 1							
Local Market Note 2							
Local Market Note 3							

PORT SPECIFIC FIELDS	PORT NUMBER	USEID (CSSng)	USEID (Atoll)	ATOLL TXID	ATOLL CELL ID	TX/RX ?	TECHNOLOGY/FREQUENCY	ANTENNA ATOLL	ANTENNA GAIN	ELECTRICAL AZIMUTH	ELECTRICAL TILT	RRH LOCATION (Top/Bottom/Integrated/None)	FEEDERS TYPE	FEEDER LENGTH (feet)	RXAIT KIT MODULE?	TRIPLEXER or LLC (QTY)	TRIPLEXER or LLC (MODEL)	SCPA/MCPA MODULE?	HATCHPLATE POWER (Watts)	ERP (Watts)	Antenna RET Name	CABLE NUMBER	CABLE ID (CSSNG)
ANTENNA POSITION 1	PORT 1	129881.A.CBAND.5G.tmp1			_129881_N077A_1		5G CBAND	AIR 6449			0	TOP	FIBER	0	NO								
	PORT 2	129881.A.CBAND.5G.tmp2			_129881_N077A_2		5G DoD	AIR 6419			0	TOP	FIBER	0	NO								
ANTENNA POSITION 3	PORT 1	129881.A.1900.4G.2,	129881.A.1900.4G.1	LAL04381_9A_1	LAL04381_9A_1		LTE 1900	NNH4-65C-R6-V3	17.29		4	Top	FIBER	0	0	0							

		129881.A.1900.5G.1																					
	PORT 4	129881.A.1900.4G.2, 129881.A.1900.5G.1		LNON000381_N002A_1	LNON000381_N002A_1		5G 1900	NNH4-65C-R6-V3	17.29		4	Top	FIBER	0	0	0								
	PORT 5	129881.A.850.5G.1		LNON000381_N005A_1	LNON000381_N005A_1		5G 850	NNH4-65C-R6-V3	15.8		2	TOP	FIBER											
	PORT 6	129881.A.700.4G.1		LAL00381_7A_1	LAL00381_7A_1		LTE 700	NNH4-65C-R6-V3																
	PORT 7	129881.A.WCS.4G.1		LAL00381_3A_1	LAL00381_3A_1		LTE WCS	NNH4-65C-R6-V3																
ANTENNA POSITION 5	**PORT 1**	129881.A.700.4G.4	129881.A.700.4G.6	LAL00381_7A_2_F	LAL00381_7A_2_F		LTE 700	80010992_777MHz_07DT	16.1	60	7	TOP	FIBER	0	NO	0								
	PORT 2	129881.A.AWS.4G.1, 129881.A.AWS.5G.1	129881.A.AWS.4G.1	LAL04381_2A_1	LAL04381_2A_1		LTE AWS	80010992_2130MHz_04DT	17.79		4	Top	FIBER	0										
	PORT 3	129881.A.AWS.4G.1, 129881.A.AWS.5G.1, 129881.A.AWS.4G.6	129881.A.AWS.4G.2	LAL04381_2A_1	LAL04381_2A_2		LTE AWS	80010992_2130MHz_04DT	17.79		4	Top	FIBER	0										
	PORT 4	129881.A.AWS.4G.5, 129881.A.AWS.4G.1, 129881.A.AWS.5G.1	129881.A.AWS.4G.2	LAL00381_2A_1	LAL00381_2A_3		LTE AWS	80010992_2130MHz_04DT	17.79		4	Top	FIBER	0										
	PORT 5	129881.A.AWS.4G.1, 129881.A.AWS.5G.1		LNON000381_N066A_1	LNON000381_N066A_1		5G AWS	80010992_2130MHz_04DT	17.79		4	Top	FIBER	0										

Section 17B - FINAL TOWER CONFIGURATION - SECTOR B

ANTENNA POSITION is LEFT to RIGHT from BACK OF ANTENNA (unless otherwise specified)	ANTENNA POSITION 1	ANTENNA POSITION 2	ANTENNA POSITION 3	ANTENNA POSITION 4	ANTENNA POSITION 5	ANTENNA POSITION 6	ANTENNA POSITION 7
ANTENNA MAKE - MODEL	AIR6449 B77D+AIR6419 B77G STACKED		NNH4-65C-R6-V3		800 10992 K		
ANTENNA VENDOR	Ericsson		Commscope		Kathrein		
ANTENNA SIZE (H x W x D)	58.4X15.9X8.1		96X19.6X7.8		105.2X20X6.9		
ANTENNA WEIGHT	147.7		102.1		133.4		
AZIMUTH	170		170		170		
MAGNETIC DECLINATION							
RADIATION CENTER (feet)	120		120		122.03		
ANTENNA TIP HEIGHT							
MECHANICAL DOWNTILT	0		0		0		
FEEDER AMOUNT							
VERTICAL SEPARATION from ANTENNA ABOVE (TIP to TIP)							
VERTICAL SEPARATION from ANTENNA BELOW (TIP to TIP)							
HORIZONTAL SEPARATION from CLOSEST ANTENNA to LEFT (CENTERLINE to CENTERLINE)							
HORIZONTAL SEPARATION from CLOSEST ANTENNA to RIGHT (CENTERLINE to CENTERLINE)							
HORIZONTAL SEPARATION from ANOTHER ANTENNA (which antenna # / # of inches)					36		
Antenna RET Motor (QTY/MODEL)							
SURGE ARRESTOR (QTY/MODEL)							
DIPLEXER (QTY/MODEL)							
DUPLEXER (QTY/MODEL)							
Antenna RET CONTROL UNIT (QTY/MODEL)							
DC BLOCK (QTY/MODEL)			1 DC9-48-60-24-PC16-EV		1 Raycap/DC6-48-60-18-8F		
TMA/LNA (QTY/MODEL)							
CURRENT INJECTORS FOR TMA (QTY/MODEL)							
PDU FOR TMAS (QTY/MODEL)							
FILTER (QTY/MODEL)							
SQUID (QTY/MODEL)							
FIBER TRUNK (QTY/MODEL)							
DC TRUNK (QTY/MODEL)							
REPEATER (QTY/MODEL)							
RRH - 700 band (QTY/MODEL)			0 RRH is shared with another band		1 4478 B14		
RRH - 850 band (QTY/MODEL)			1 4449 B5/B12				
RRH - 1900 band (QTY/MODEL)			1 4415 B25				
RRH - AWS band (QTY/MODEL)					1 4426 B66		
RRH - WCS band (QTY/MODEL)			1 RRUS-32 B30				
Additional RRH #1 - any band (QTY/MODEL)	1 integrated within: AIR6449 B77D				1 4426 B66		
Additional RRH #2 - any band (QTY/MODEL)	1 integrated within: AIR6419 B77G						
RRH 7B 1 (QTY/MODEL)							
RRH 7B 2 (QTY/MODEL)							
RRH 7B 3 (QTY/MODEL)							
Additional Component 1 (QTY/MODEL)							
Additional Component 2 (QTY/MODEL)							
Additional Component 3 (QTY/MODEL)							
Local Market Note 1							
Local Market Note 2							
Local Market Note 3							

PORT SPECIFIC FIELDS	PORT NUMBER	USEID (CSSng)	USEID (Atoll)	ATOLL TXID	ATOLL CELL ID	TX/RX ?	TECHNOLOGY/FREQUENCY	ANTENNA ATOLL	ANTENNA GAIN	ELECTRICAL AZIMUTH	ELECTRICAL TILT	RRH LOCATION (Top/Bottom/Integrated/None)	FEEDERS TYPE	FEEDER LENGTH (feet)	RXAIT KIT MODULE?	TRIPLEXER or LLC (QTY)	TRIPLEXER or LLC (MODEL)	SCPA/MCPA MODULE?	HATCHPLATE POWER (Watts)	ERP (Watts)	Antenna RET Name	CABLE NUMBER	CABLE ID (CSSNG)
ANTENNA POSITION 1	PORT 1	129881.B.CBAND.5G.tmp1			_129881_N077B_1		5G CBAND	AIR 6449			0	TOP	FIBER	0	NO								
	PORT 2	129881.B.CBAND.5G.tmp2			_129881_N077B_2		5G DoD	AIR 6419			0	TOP	FIBER	0	NO								
ANTENNA POSITION 3	PORT 1	129881.B.1900.4G.4	129881.B.1900.4G.1	LAL04381_9B_1	LAL04381_9B_1		LTE 1900	NNH4-65C-R6-V3	17.29		4	Top	FIBER	0	0	0							

	PORT 4	129881.B.1900.5G.1		LNON000381_N002B_1	LNON000381_N002B_1		5G 1900	NNH4-65C-R6-V3	17.29		4	Top	FIBER	0	0	0							
	PORT 5	129881.B.850.5G.1		LNON000381_N005B_1	LNON000381_N005B_1		5G 850	NNH4-65C-R6-V3	15.8		2	TOP	FIBER										
	PORT 6	129881.B.700.4G.1		LAL00381_7B_1	LAL00381_7B_1		LTE 700	NNH4-65C-R6-V3															
	PORT 7	129881.B.WCS.4G.4		LAL00381_3B_1	LAL00381_3B_1		LTE WCS	NNH4-65C-R6-V3															
ANTENNA POSITION 5	**PORT 1**	129881.B.700.4G.1, 129881.B.700.4G.4	129881.B.700.4G.6	LAL00381_7B_2_F	LAL00381_7B_2_F		LTE 700	80010992_777MHz_08DT	16.1	170	8	TOP	FIBER	0	NO	0							
	PORT 2	129881.B.AWS.4G.6	129881.B.AWS.4G.1	LAL04381_2B_1	LAL04381_2B_1		LTE AWS	80010992_2130MHz_04DT	17.79		4	Top	FIBER	0									
	PORT 3	129881.B.AWS.4G.6, 129881.B.AWS.4G.7	129881.B.AWS.4G.2	LAL04381_2B_1	LAL04381_2B_2		LTE AWS	80010992_2130MHz_04DT	17.79		4	Top	FIBER	0									
	PORT 4	129881.B.AWS.4G.5, 129881.B.AWS.4G.6	129881.B.AWS.4G.2	LAL00381_2B_1	LAL00381_2B_3		LTE AWS	80010992_2130MHz_04DT	17.79		4	Top	FIBER	0									
	PORT 5	129881.B.AWS.5G.1		LNON000381_N066B_1	LNON000381_N066B_1		5G AWS	80010992_2130MHz_04DT	17.79		4	Top	FIBER	0									

Section 17C - FINAL TOWER CONFIGURATION - SECTOR C

ANTENNA POSITION is LEFT to RIGHT from BACK OF ANTENNA (unless otherwise specified)	ANTENNA POSITION 1	ANTENNA POSITION 2	ANTENNA POSITION 3	ANTENNA POSITION 4	ANTENNA POSITION 5	ANTENNA POSITION 6	ANTENNA POSITION 7
ANTENNA MAKE - MODEL	AIR6449 B77D+AIR6419 B77G STACKED		NNH4-65C-R6-V3		800 10992 K		
ANTENNA VENDOR	Ericsson		Commscope		Kathrein		
ANTENNA SIZE (H x W x D)	58.4X15.9X8.1		96X19.6X7.8		105.2X20X6.9		
ANTENNA WEIGHT	147.7		102.1		133.4		
AZIMUTH	260		260		260		
MAGNETIC DECLINATION							
RADIATION CENTER (feet)	120		120		122.03		
ANTENNA TIP HEIGHT							
MECHANICAL DOWNTILT	0		0		0		
FEEDER AMOUNT							
VERTICAL SEPARATION from ANTENNA ABOVE (TIP to TIP)							
VERTICAL SEPARATION from ANTENNA BELOW (TIP to TIP)							
HORIZONTAL SEPARATION from CLOSEST ANTENNA to LEFT (CENTERLINE to CENTERLINE)							
HORIZONTAL SEPARATION from CLOSEST ANTENNA to RIGHT (CENTERLINE to CENTERLINE)							
HORIZONTAL SEPARATION from ANOTHER ANTENNA (which antenna # / # of inches)					36		
Antenna RET Motor (QTY/MODEL)							
SURGE ARRESTOR (QTY/MODEL)							
DIPLEXER (QTY/MODEL)							
DUPLEXER (QTY/MODEL)							
Antenna RET CONTROL UNIT (QTY/MODEL)							
DC BLOCK (QTY/MODEL)			1 DC9-48-60-24-PC16-EV		1 Raycap/DC6-48-60-18-8F		
TMA/LNA (QTY/MODEL)							
CURRENT INJECTORS FOR TMA (QTY/MODEL)							
PDU FOR TMAS (QTY/MODEL)							
FILTER (QTY/MODEL)							
SQUID (QTY/MODEL)							
FIBER TRUNK (QTY/MODEL)							
DC TRUNK (QTY/MODEL)							
REPEATER (QTY/MODEL)							
RRH - 700 band (QTY/MODEL)			0 RRH is shared with another band		1 4478 B14		
RRH - 850 band (QTY/MODEL)			1 4449 B5/B12				
RRH - 1900 band (QTY/MODEL)			1 4415 B25				
RRH - AWS band (QTY/MODEL)					1 4426 B66		
RRH - WCS band (QTY/MODEL)			1 RRUS-32 B30				
Additional RRH #1 - any band (QTY/MODEL)	1 integrated within: AIR6449 B77D				1 4426 B66		
Additional RRH #2 - any band (QTY/MODEL)	1 integrated within: AIR6419 B77G						
RRH 7B 1 (QTY/MODEL)							
RRH 7B 2 (QTY/MODEL)							
RRH 7B 3 (QTY/MODEL)							
Additional Component 1 (QTY/MODEL)							
Additional Component 2 (QTY/MODEL)							
Additional Component 3 (QTY/MODEL)							
Local Market Note 1							
Local Market Note 2							
Local Market Note 3							

PORT SPECIFIC FIELDS	PORT NUMBER	USEID (CSSng)	USEID (Atoll)	ATOLL TXID	ATOLL CELL ID	TX/RX ?	TECHNOLOGY/FREQUENCY	ANTENNA ATOLL	ANTENNA GAIN	ELECTRICAL AZIMUTH	ELECTRICAL TILT	RRH LOCATION (Top/Bottom/Integrated/None)	FEEDERS TYPE	FEEDER LENGTH (feet)	RXAIT KIT MODULE?	TRIPLEXER or LLC (QTY)	TRIPLEXER or LLC (MODEL)	SCPA/MCPA MODULE?	HATCHPLATE POWER (Watts)	ERP (Watts)	Antenna RET Name	CABLE NUMBER	CABLE ID (CSSNG)
ANTENNA POSITION 1	PORT 1	129881.C.CBAND.5G.tmp1			_129881_N077C_1		5G CBAND	AIR 6449			0	TOP	FIBER	0	NO								
	PORT 2	129881.C.CBAND.5G.tmp2			_129881_N077C_2		5G DoD	AIR 6419			0	TOP	FIBER	0	NO								
ANTENNA POSITION 3	PORT 1	129881.C.1900.4G.2	129881.C.1900.4G.1	LAL04381_9C_1	LAL04381_9C_1		LTE 1900	NNH4-65C-R6-V3	17.29		4	Top	FIBER	0	0	0							

	PORT 4	129881.C.1900.5G.1		LNON000381_N002C_1	LNON000381_N002C_1		5G 1900	NNH4-65C-R6-V3	17.29		4	Top	FIBER	0	0	0							
	PORT 5	129881.C.850.5G.1		LNON000381_N005C_1	LNON000381_N005C_1		5G 850	NNH4-65C-R6-V3	14.9		8	TOP	FIBER										
	PORT 6	129881.C.700.4G.1		LAL00381_7C_1	LAL00381_7C_1		LTE 700	NNH4-65C-R6-V3															
	PORT 7	129881.C.WCS.4G.3		LAL00381_3C_1	LAL00381_3C_1		LTE WCS	NNH4-65C-R6-V3															
ANTENNA POSITION 5	**PORT 1**	129881.C.700.4G.4	129881.C.700.4G.6	LAL00381_7C_2_F	LAL00381_7C_2_F		LTE 700	80010992_777MHz_07DT	16.1	260	7	TOP	FIBER	0	NO	0							
	PORT 2	129881.C.AWS.4G.1	129881.C.AWS.4G.1	LAL04381_2C_1	LAL04381_2C_1		LTE AWS	80010992_2130MHz_04DT	17.79		4	Top	FIBER	0									
	PORT 3	129881.C.AWS.4G.1, 129881.C.AWS.4G.6	129881.C.AWS.4G.2	LAL04381_2C_1	LAL04381_2C_2		LTE AWS	80010992_2130MHz_04DT	17.79		4	Top	FIBER	0									
	PORT 4	129881.C.AWS.4G.5, 129881.C.AWS.4G.1	129881.C.AWS.4G.2	LAL00381_2C_1	LAL00381_2C_3		LTE AWS	80010992_2130MHz_04DT	17.79		4	Top	FIBER	0									
	PORT 5	129881.C.AWS.5G.1		LNON000381_N066C_1	LNON000381_N066C_1		5G AWS	80010992_2130MHz_04DT	17.79		4	Top	FIBER	0									

Diagram - Sector	A	Diagram File Name - 381-UNO-Relo_CBAND2-v222.vsd					
Atoll Site Name -	UNO-Relo	Location Name -	UNO - BIENVILLE RESIDENCE HALL RELO	Market -	NEW ORLEANS	Market Cluster -	ALABAMA/MISSISSIPPI/LOUISIANA
Comments:							

1

DoD Band TDD AAS

> 12" vertical separation

C-BAND TDD AAS AIR6449

Minimum 3' separation between CBAND antenna (end to end)

3' separation

Position 3

Antenna swap on P3 and move 700/ WCS on P3

HIGH HIGH LOW LOW HIGH HIGH

RET

WCS RRUS-32 B30

700/850 B5/B12- 4449

PCS 4415 B25

CPRI DC

3' separation

Position 5

HIGH HIGH LOW LOW HIGH HIGH

RET

AWS 4426 B66

700-FN B14- 4478

AWS 4426 B66

CPRI DC

Aws additional radio will be connected to existing dc-2

Multicarrier-AWS

DC/Fiber Demarcation Box

DC/Fiber Demarcation Box

Hatch Plate

6648

16 13 12 9 8 5 4 2nd XMU 1st XMU

F E D C B A 5216

15 13 12 9 8 5 4 6630 MM IDLe

Power Plant

Diagram - Sector	A	Diagram File Name - 381-UNO-Relo_CBAND2-v222.vsd					
Atoll Site Name -	UNO-Relo	Location Name -	UNO - BIENVILLE RESIDENCE HALL RELO	Market -	NEW ORLEANS	Market Cluster -	ALABAMA/MISSISSIPPI/LOUISIANA
Comments:							

1

DoD Band TDD AAS

> 12" vertical separation

C-BAND

TDD AAS AIR6449

Minimum 3' separation between CBAND antenna (end to end)

3' separation

Position 3

Antenna swap on P3 and move 700/ WCS on P3

HIGH HIGH LOW LOW HIGH HIGH

RET

WCS RRUS-32 B30

700/850 B5/B12 4449

PCS 4415 B25

CPRI DC

3' separation

Position 5

HIGH HIGH LOW LOW HIGH HIGH

RET

AWS 4426 B66

700-FN B14- 4478

AWS 4426 B66

CPRI DC

Aws additional radio will be connected to existing dc-2

Multicarrier-AWS

DC/Fiber Demarcation Box

DC/Fiber Demarcation Box

Hatch Plate

6648

16 13 12 9 8 5 4 2nd XMU 1st XMU

F E D C B A 5216

15 13 12 9 8 5 4 6630 MM IDLe

Power Plant

Diagram - Sector	A	Diagram File Name - 381-UNO-Relo_CBAND2-v222.vsd					
Atoll Site Name -	UNO-Relo	Location Name -	UNO - BIENVILLE RESIDENCE HALL RELO	Market -	NEW ORLEANS	Market Cluster -	ALABAMA/MISSISSIPPI/LOUISIANA
Comments:							

1

DoD Band TDD AAS

> 12" vertical separation

C-BAND

TDD AAS AIR6449

Minimum 3' separation between CBAND antenna (end to end)

3' separation

Position 3

Antenna swap on P3 and move 700/ WCS on P3

HIGH HIGH LOW LOW HIGH HIGH

RET

WCS RRUS-32 B30

700/850 B5/B12 4449

PCS 4415 B25

CPRI DC

3' separation

Position 5

HIGH HIGH LOW LOW HIGH HIGH

RET

AWS 4426 B66

700-FN B14- 4478

AWS 4426 B66

CPRI DC

Aws additional radio will be connected to existing dc-2

Multicarrier-AWS

DC/Fiber Demarcation Box

DC/Fiber Demarcation Box

Hatch Plate

6648

16 13 12 9 8 5 4 2nd XMU 1st XMU

F E D C B A 5216

15 13 12 9 8 5 4 6630 MM IDLe

Power Plant