



DISH WIRELESS, L.L.C. SITE ID:

DNDEN00359A

DISH WIRELESS, L.L.C. SITE ADDRESS:

**2746 RUSTIC OAK GROVE
COLORADO SPRINGS, CO 80909**

SCOPE OF WORK
THIS IS NOT AN ALL INCLUSIVE LIST. CONTRACTOR SHALL UTILIZE SPECIFIED EQUIPMENT PART OR ENGINEER APPROVED EQUIVALENT. CONTRACTOR SHALL VERIFY ALL NEEDED EQUIPMENT TO PROVIDE A FUNCTIONAL SITE. THE PROJECT GENERALLY CONSISTS OF THE FOLLOWING:
TOWER SCOPE OF WORK:
<ul style="list-style-type: none"> • INSTALL (3) PROPOSED PANEL ANTENNAS (1 PER SECTOR) • INSTALL (3) PROPOSED T-ARM MOUNTS (1 PER SECTOR) • INSTALL (6) PROPOSED RRUS (2 PER SECTOR) • INSTALL (1) PROPOSED OVER VOLTAGE PROTECTION DEVICE (OVP) • INSTALL (1) PROPOSED HYBRID CABLE • INSTALL PROPOSED JUMPERS
GROUND SCOPE OF WORK:
<ul style="list-style-type: none"> • INSTALL (1) PROPOSED METAL PLATFORM • INSTALL (1) PROPOSED ICE BRIDGE • INSTALL (1) PROPOSED PPC CABINET • INSTALL (1) PROPOSED EQUIPMENT CABINET • INSTALL (1) PROPOSED POWER CONDUIT • INSTALL (1) PROPOSED TELCO CONDUIT • INSTALL (1) PROPOSED TELCO-FIBER BOX • INSTALL (1) PROPOSED GPS UNIT • INSTALL (1) PROPOSED SAFETY SWITCH (IF REQUIRED) • INSTALL (1) PROPOSED FIBER NID (IF REQUIRED) • INSTALL (1) PROPOSED 200A METER AND METER SOCKET

SITE INFORMATION	PROJECT DIRECTORY
PROPERTY OWNER: PETERSON ANTHONY W ADDRESS: 2725 RUSTIC OAK GRV COLORADO SPRINGS CO, 80921-2044	APPLICANT: DISH WIRELESS, L.L.C. 5701 SOUTH SANTA FE DRIVE LITTLETON, CO 80120
TOWER TYPE: MONOPINE	TOWER OWNER: SBA COMMUNICATIONS CORPORATION 8051 CONGRESS AVE BOCA RATON, FL 33487 (800) 487-7483
TOWER CO SITE ID: CO46107-A	SITE DESIGNER: TOWER ENGINEERING PROFESSIONALS 326 TRYON RD. RALEIGH, NC 27603 (919) 661-6351
TOWER CO SITE NAME: PARK 2, CO	SITE ACQUISITION: VINCENT BATTAGLIA
TOWER APP NUMBER: 154371	CONSTRUCTION MANAGER: SCOTT TOMLINSON
LATITUDE (NAD 83): 39° 02' 17.0" N 39.038044° N	RF ENGINEER: ROBERT CARISTAN
LONGITUDE (NAD 83): 104° 46' 37.1" W 104.776935° W	
ZONING JURISDICTION: CITY OF COLORADO SPRINGS	
ZONING DISTRICT: RR-5	
PARCEL NUMBER: 6204000017	
OCCUPANCY GROUP: U	
CONSTRUCTION TYPE: V-B	
POWER COMPANY: MOUNTAIN VIEW ELEC. ASSOC.	
TELEPHONE COMPANY: TBD	



5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120



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326 TRYON RD. RALEIGH, NC
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October 07, 2021

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DRAWN BY: KDP	CHECKED BY: DJH	APPROVED BY: CP
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RFDS REV #: TBD

CONSTRUCTION DOCUMENTS

SUBMITTALS		
REV	DATE	DESCRIPTION
A	06-04-21	PRELIMINARY
0	07-13-21	CONSTRUCTION
1	09-17-21	CONSTRUCTION
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A&E PROJECT NUMBER
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2746 RUSTIC OAK GROVE
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SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1



UNDERGROUND SERVICE ALERT
UTILITY NOTIFICATION CENTER OF COLORADO
(800) 922-1987
WWW.COLORADO811.ORG

CALL 2 WORKING DAYS UTILITY NOTIFICATION PRIOR TO CONSTRUCTION

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. 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.

11"x17" PLOT WILL BE HALF SCALE UNLESS OTHERWISE NOTED

CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON THE JOB SITE, AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

SITE PHOTO

DIRECTIONS

DIRECTIONS FROM COLORADO SPRINGS AIRPORT:
HEAD NORTH ON MILTON E PROBY PKWY. KEEP LEFT TO CONTINUE ON MILTON E PROBY PARKWAY AIRPORT EXIT. USE ANY LANE TO TURN SLIGHTLY LEFT ONTO MILTON E PROBY PKWY. TURN RIGHT ONTO CO-21 N. CONTINUE ONTO CO-21 N/US-24 E. CONTINUE ONTO CO-21 N 12.7 MI. TURN RIGHT ONTO CO-83 N (SIGNS FOR N COLORADO 83). TURN LEFT ONTO RUSTIC OAK GROVE.

VICINITY MAP



COLORADO-CITY OF COLORADO SPRINGS CODE COMPLIANCE

ALL WORK SHALL BE PERFORMED AND MATERIALS 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 THESE CODES:

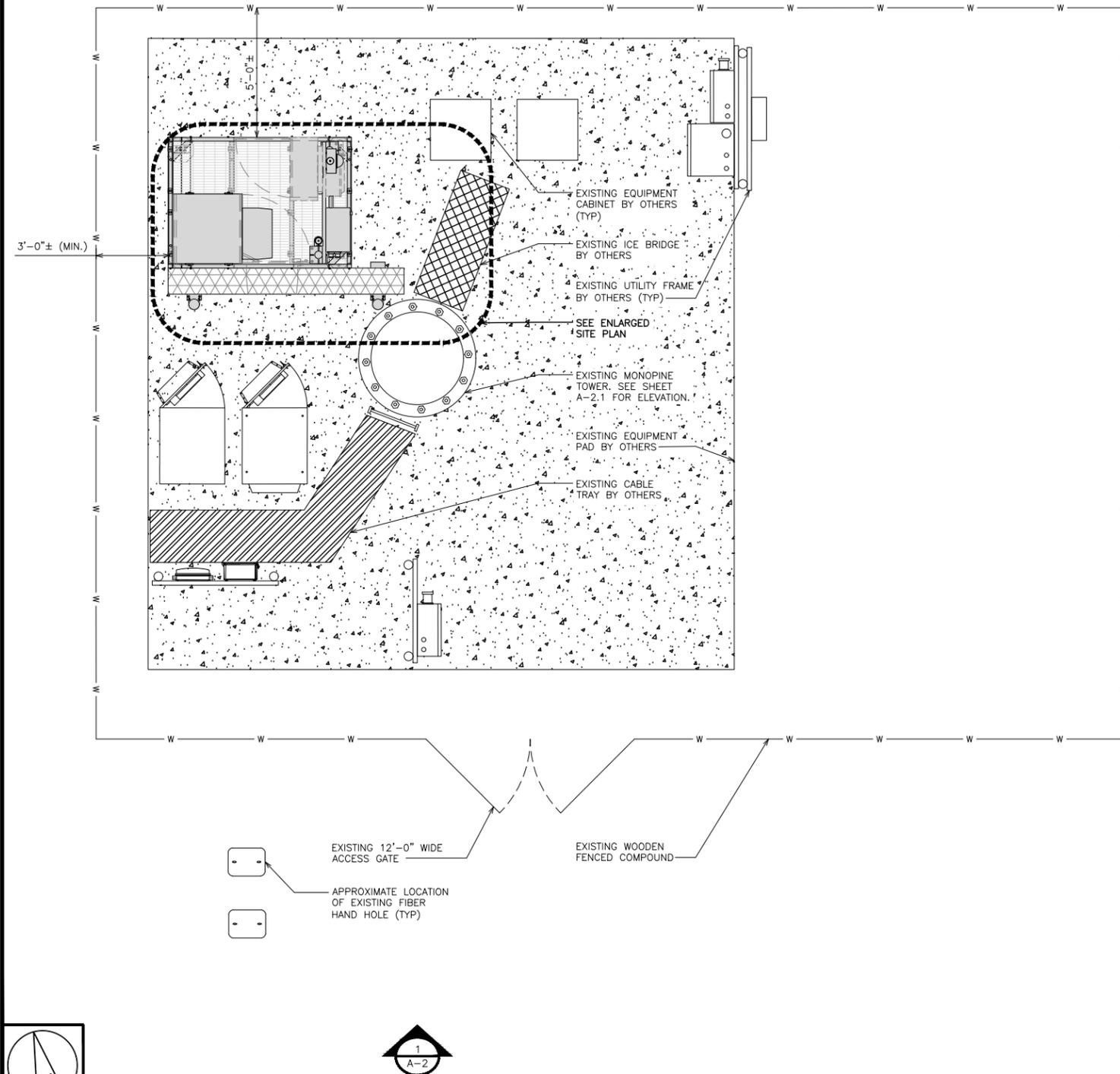
CODE TYPE	CODE
BUILDING	2018 IBC
MECHANICAL	2018 IMC
ELECTRICAL	2017 NEC

SHEET INDEX

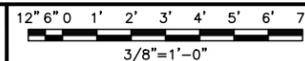
SHEET NO.	SHEET TITLE
T-1	TITLE SHEET
A-1	OVERALL AND ENLARGED SITE PLAN
A-2	ELEVATION, ANTENNA LAYOUT AND SCHEDULE
A-3	EQUIPMENT PLATFORM AND H-FRAME DETAILS
A-4	EQUIPMENT DETAILS
A-5	EQUIPMENT DETAILS
A-6	EQUIPMENT DETAILS
E-1.1	ELECTRICAL/FIBER ROUTE PLAN AND NOTES
E-1.2	ELECTRICAL/FIBER ROUTE PLAN AND NOTES
E-2	ELECTRICAL DETAILS
E-3	ELECTRICAL ONE-LINE, FAULT CALCS & PANEL SCHEDULE
G-1	GROUNDING PLANS AND NOTES
G-2	GROUNDING DETAILS
G-3	GROUNDING DETAILS
RF-1	RF CABLE COLOR CODE
GN-1	LEGEND AND ABBREVIATIONS
GN-2	GENERAL NOTES
GN-3	GENERAL NOTES
GN-4	GENERAL NOTES

NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. ANTENNAS AND MOUNTS OMITTED FOR CLARITY.
3. SITE PLAN SHOWN IS TAKEN FROM SUPPORTING INFORMATION PROVIDED BY SBA. CONTRACTOR SHALL CONTACT SBA IN THE EVENT SITE PLAN IS NOT CORRECT.
4. THE SUBJECT PROPERTY IS LOCATED IN ZONE "X" (AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD) ACCORDING TO THE FEMA COMMUNITY PANEL MAP #8041C0295G, EFFECTIVE DECEMBER 7, 2018.



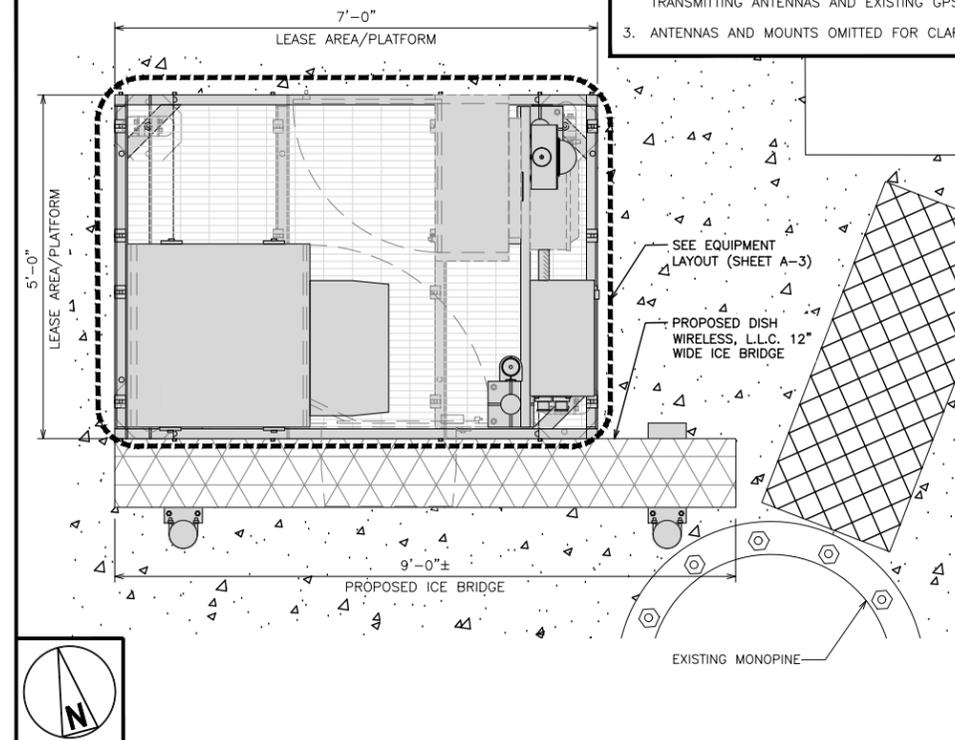
OVERALL SITE PLAN



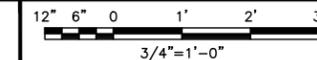
1

NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. CONTRACTOR SHALL MAINTAIN A 10'-0" MINIMUM SEPARATION BETWEEN THE PROPOSED GPS UNIT, TRANSMITTING ANTENNAS AND EXISTING GPS UNITS.
3. ANTENNAS AND MOUNTS OMITTED FOR CLARITY.



ENLARGED SITE PLAN



2

NOT USED

NO SCALE

3



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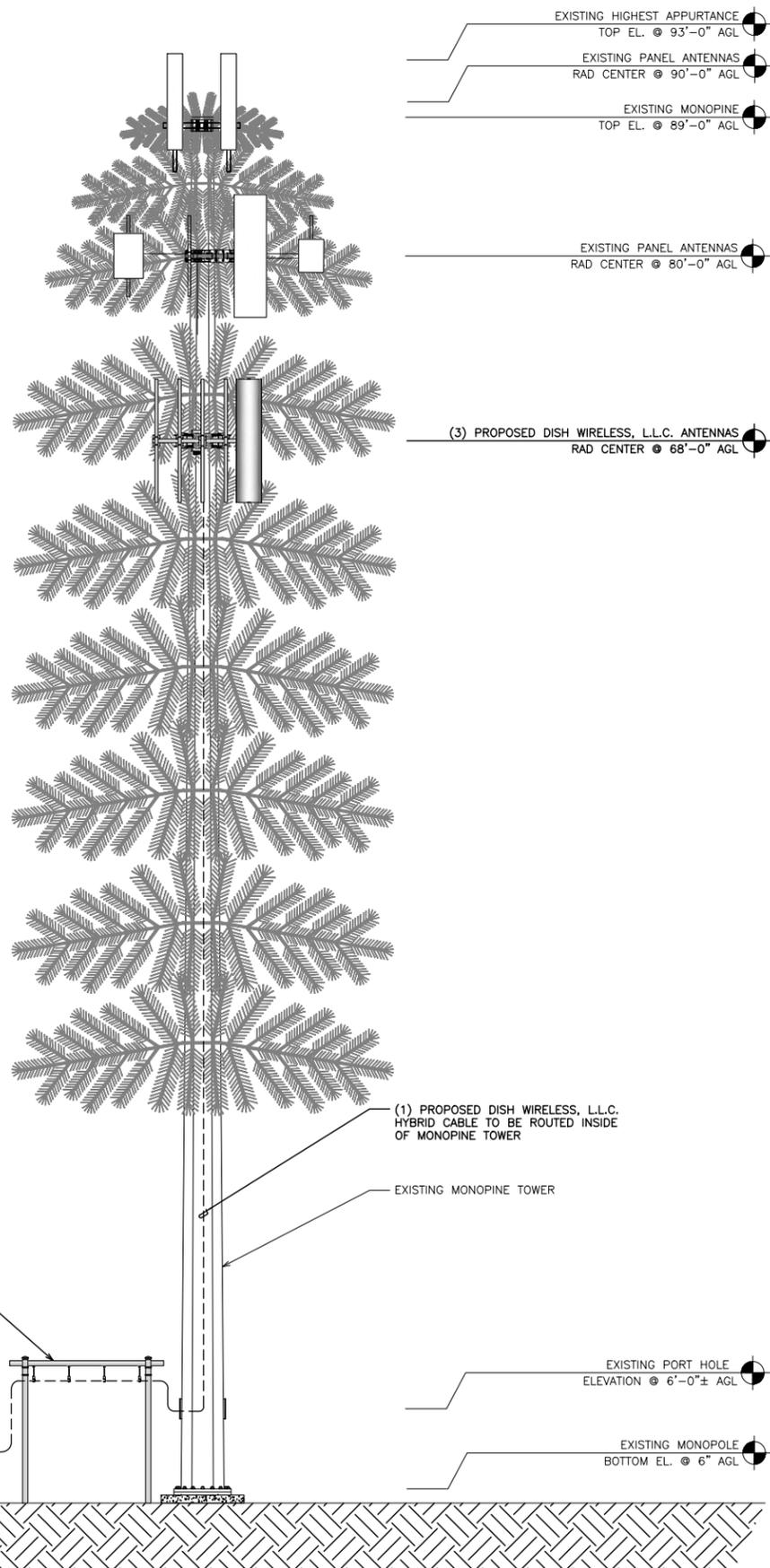
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SHEET TITLE
OVERALL AND ENLARGED SITE PLAN

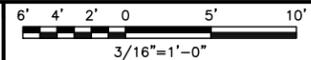
SHEET NUMBER
A-1

NOTES

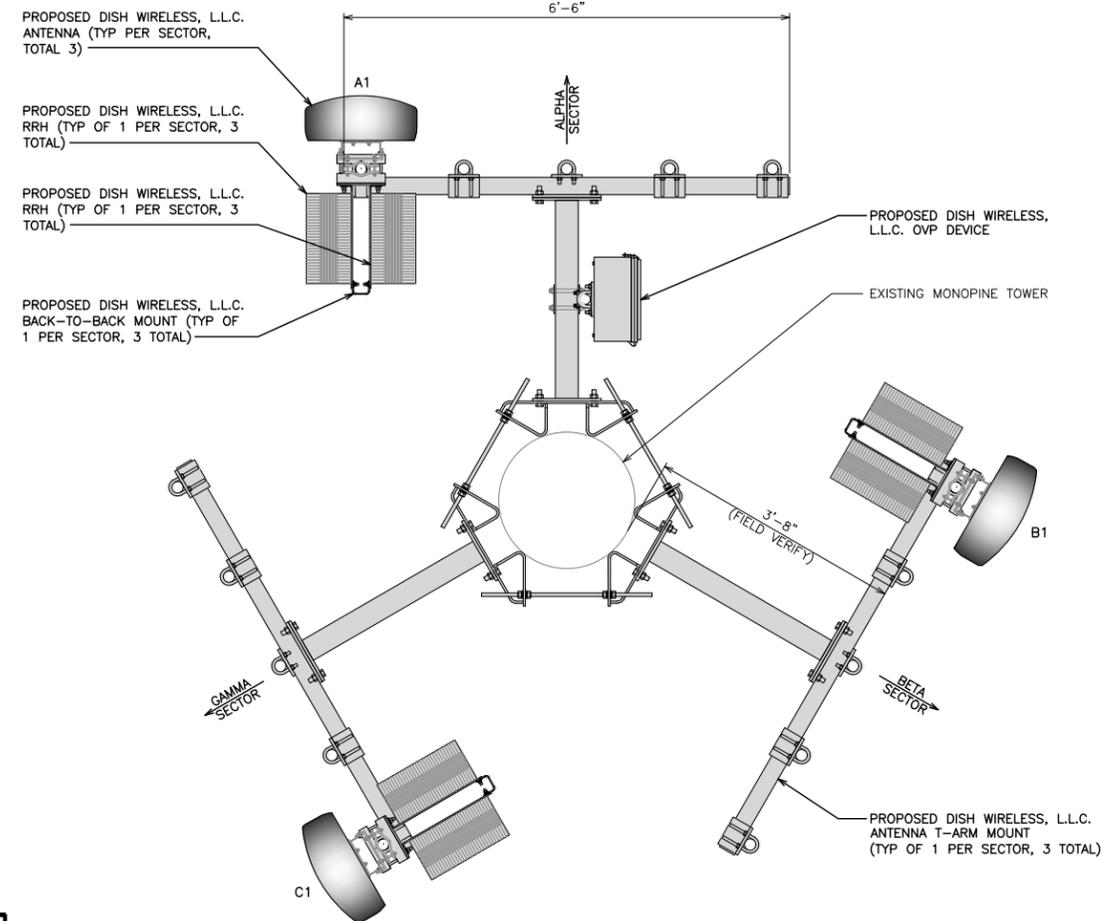
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. ANTENNA AND MW DISH SPECIFICATIONS REFER TO ANTENNA SCHEDULE AND TO FINAL CONSTRUCTION RFDS FOR ALL RF DETAILS.
3. EXISTING EQUIPMENT AND FENCE OMITTED FOR CLARITY.
4. PROPOSED CABLE/ROUTING AND PROPOSED EQUIPMENT SHALL BE VERIFIED BY A PASSING SA PRIOR TO CONSTRUCTION.



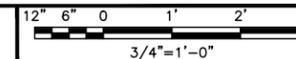
PROPOSED SOUTH ELEVATION



1



ANTENNA LAYOUT



2



SECTOR	POSITION	ANTENNA						TRANSMISSION CABLE
		EXISTING OR PROPOSED	MANUFACTURER - MODEL NUMBER	TECHNOLOGY	SIZE (HxW)	AZIMUTH	RAD CENTER	
ALPHA	A1	PROPOSED	JMA WIRELESS - MX08FR0665-21	5G	72.0" x 20.0"	SEE NOTE 1	68'-0"	(1) HIGH-CAPACITY HYBRID CABLE (100' LONG)
BETA	B1	PROPOSED	JMA WIRELESS - MX08FR0665-21	5G	72.0" x 20.0"	SEE NOTE 1	68'-0"	
GAMMA	C1	PROPOSED	JMA WIRELESS - MX08FR0665-21	5G	72.0" x 20.0"	SEE NOTE 1	68'-0"	
SECTOR	POSITION	RRH		NOTES				
		MANUFACTURER - MODEL NUMBER	TECHNOLOGY	1. CONTRACTOR TO REFER TO FINAL CONSTRUCTION RFDS FOR ALL RF DETAILS. 2. ANTENNA AND RRH MODELS MAY CHANGE DUE TO EQUIPMENT AVAILABILITY. ALL EQUIPMENT CHANGES MUST BE APPROVED AND REMAIN IN COMPLIANCE WITH THE PROPOSED DESIGN AND STRUCTURAL ANALYSES.				
ALPHA	A1	FUJITSU - TA08025-B604	5G					
	A1	FUJITSU - TA08025-B605	5G					
BETA	B1	FUJITSU - TA08025-B604	5G					
	B1	FUJITSU - TA08025-B605	5G					
GAMMA	C1	FUJITSU - TA08025-B604	5G					
	C1	FUJITSU - TA08025-B605	5G					

ANTENNA SCHEDULE

NO SCALE

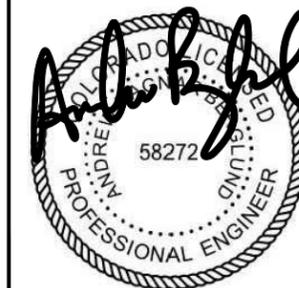
3



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SHEET TITLE
ELEVATION, ANTENNA LAYOUT AND SCHEDULE

SHEET NUMBER
A-2