



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

DNDEN00359A

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

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

Approved

By: Craig Dossey, Executive Director

Date: 03/14/2022

El Paso County Planning & Community Development



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:

- 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:

- 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 PHOTO



**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 INFORMATION

PROPERTY OWNER: PETERSON ANTHONY W
ADDRESS: 2725 RUSTIC OAK GRV
COLORADO SPRINGS, CO,
80921-2044

TOWER TYPE: MONOPINE

TOWER CO SITE ID: CO46107-A

TOWER CO SITE NAME: PARK 2, CO

TOWER APP NUMBER: 154371

LATITUDE (NAD 83): 39° 02' 17.0" N
39.038044° N

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

PROJECT DIRECTORY

APPLICANT: DISH WIRELESS, L.L.C.
5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

TOWER OWNER: SBA COMMUNICATIONS CORPORATION
8051 CONGRESS AVE
BOCA RATON, FL 33487
(800) 487-7483

SITE DESIGNER: TOWER ENGINEERING PROFESSIONALS
326 TRYON RD.
RALEIGH, NC 27603
(919) 661-6351

SITE ACQUISITION: VINCENT BATTAGLIA

CONSTRUCTION MANAGER: SCOTT TOMLINSON

RF ENGINEER: ROBERT CARISTAN

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

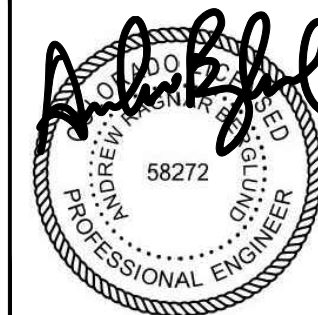
SHEET NO.	SHEET TITLE
T-1	TITLE SHEET
A-1	OVERALL AND ENLARGED SITE PLAN
A-2	ELEVATION, ANTENNA LAYOUT AND SCHEDULE
A-3	EQUIPMENT PLATFORM AND H-FRAME DETAILS
A-4	EQUIPMENT DETAILS
A-5	EQUIPMENT DETAILS
A-6	EQUIPMENT DETAILS
E-1.1	ELECTRICAL/FIBER ROUTE PLAN AND NOTES
E-1.2	ELECTRICAL/FIBER ROUTE PLAN 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



5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120



TOWER ENGINEERING PROFESSIONALS
326 TRYON RD. RALEIGH, NC
27603 OFFICE: (919) 661-6351



October 07, 2021

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DRAWN BY:	CHECKED BY:	APPROVED BY:
KDP	DJH	CP

RFDS REV #: TBD

CONSTRUCTION DOCUMENTS

SUBMITTALS		
REV	DATE	DESCRIPTION
A	06-04-21	PRELIMINARY
0	07-13-21	CONSTRUCTION
1	09-17-21	CONSTRUCTION
2	10-07-21	CONSTRUCTION

A&E PROJECT NUMBER
264461

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PROJECT INFORMATION

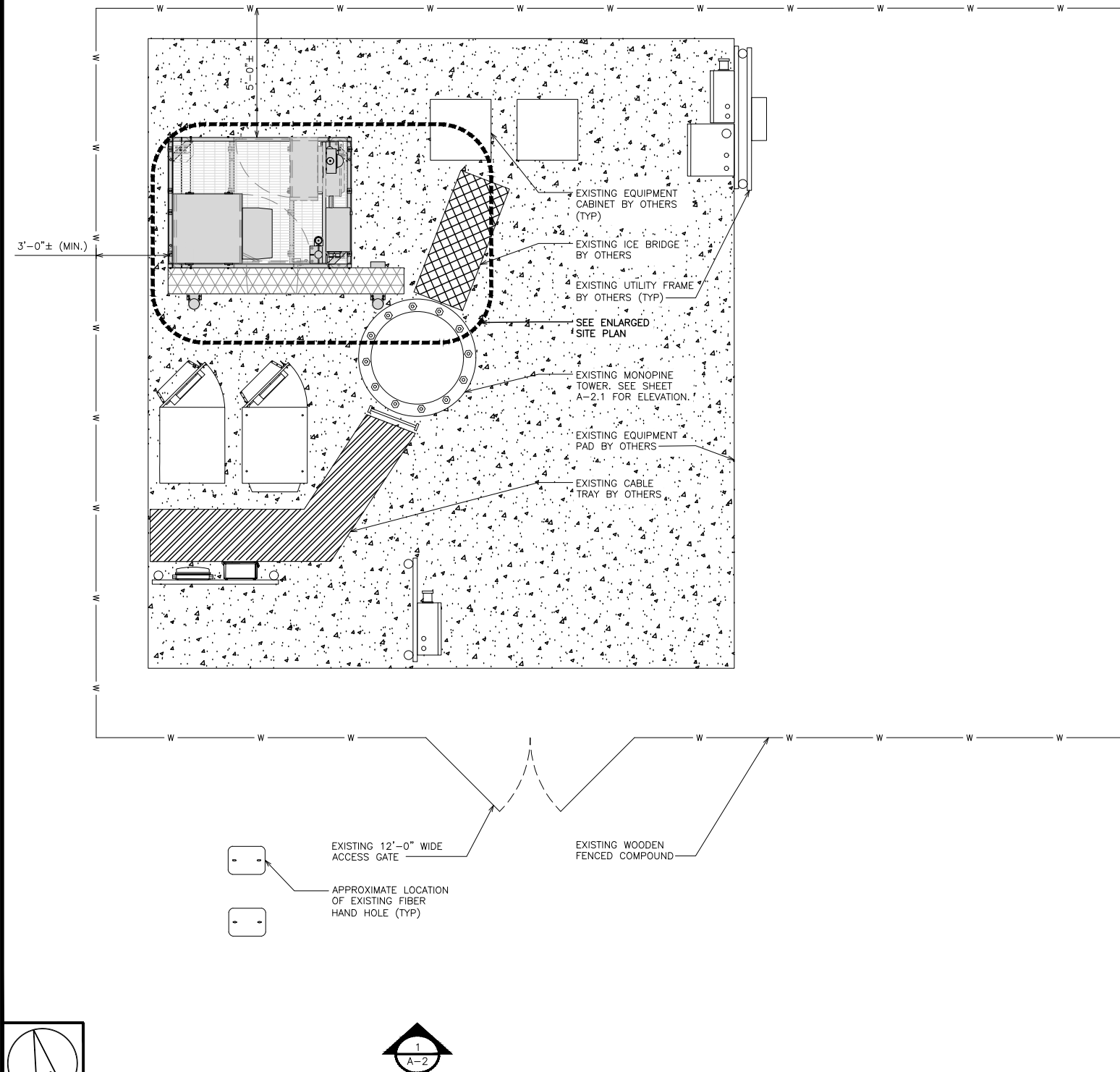
**DNDEN00359A
2746 RUSTIC OAK GROVE
COLORADO SPRINGS, CO 80909**

SHEET TITLE
TITLE SHEET

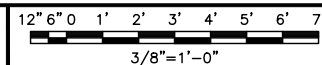
SHEET NUMBER
T-1

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.



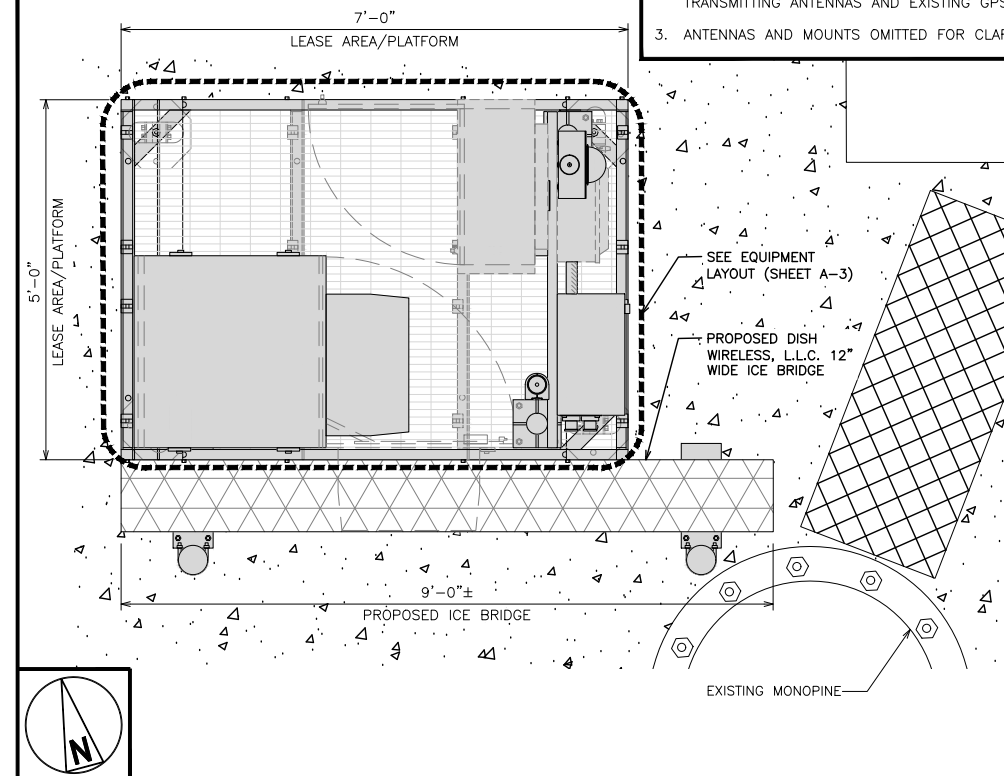
OVERALL SITE PLAN



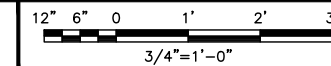
1

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



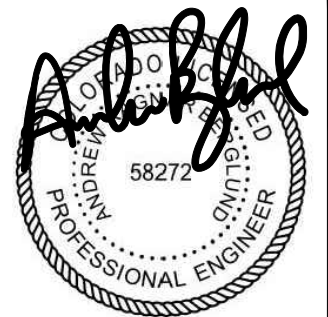
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OVERALL AND ENLARGED
SITE PLAN

SHEET NUMBER

A-1

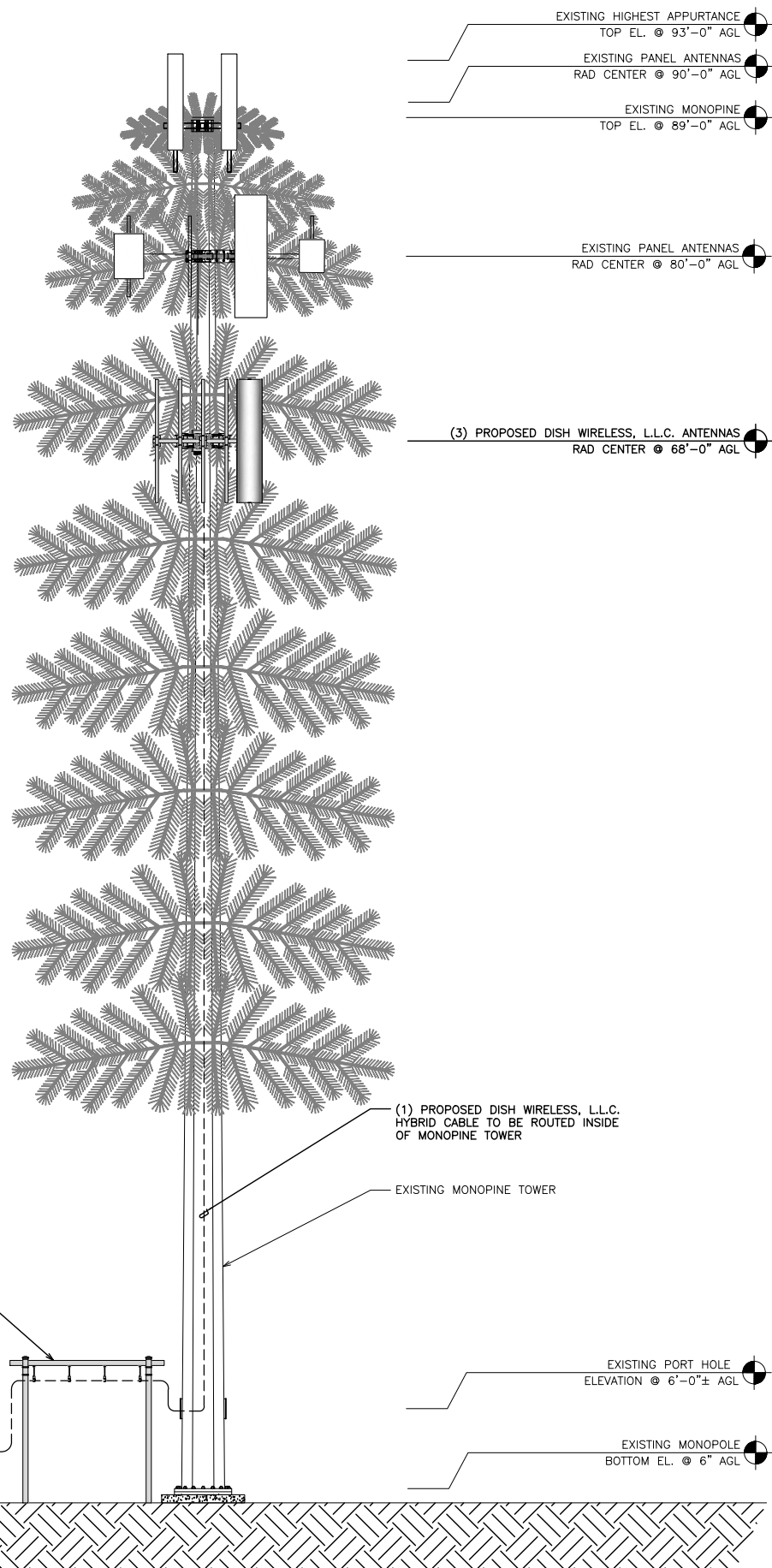
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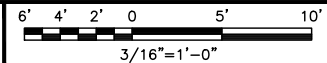
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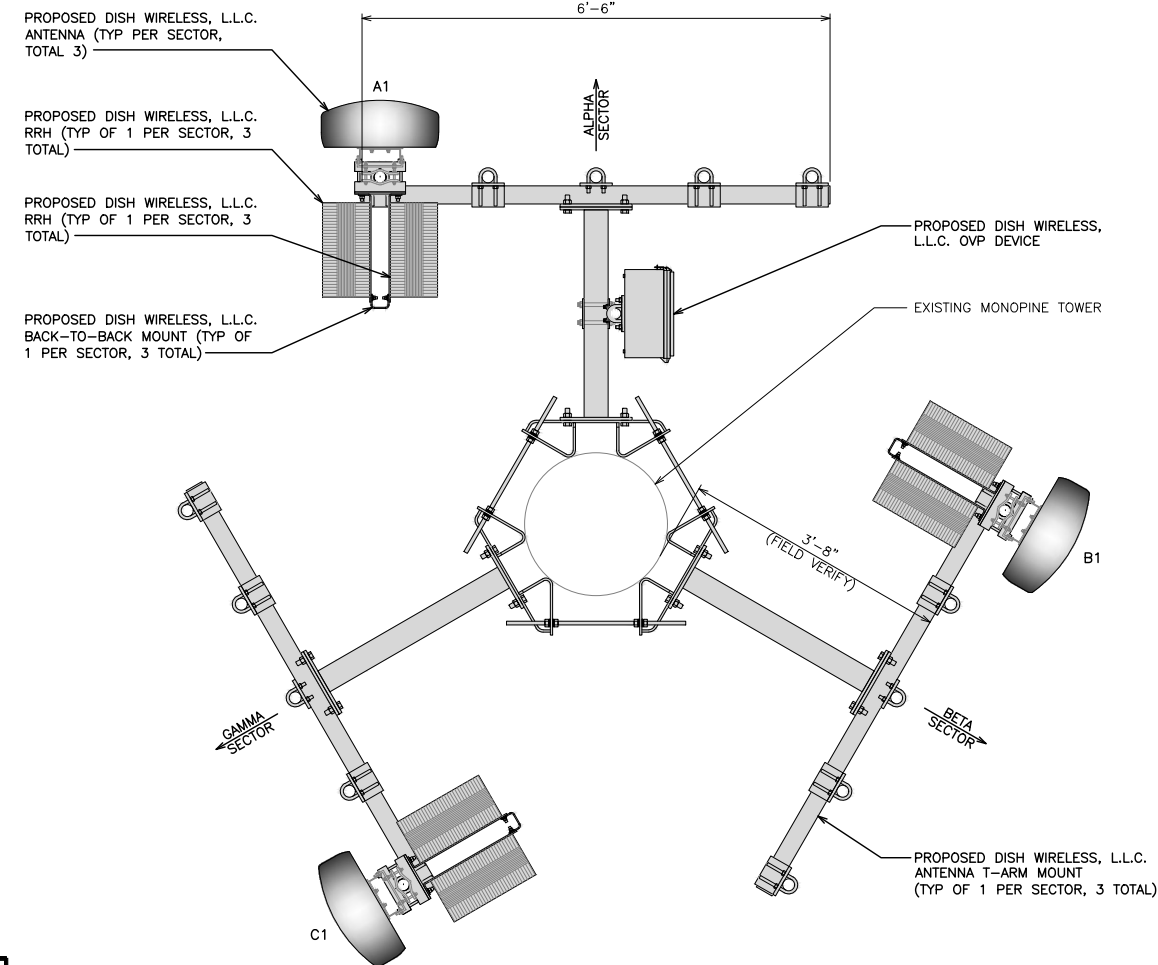
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. ANTENNA AND MW DISH SPECIFICATIONS REFER TO ANTENNA SCHEDULE AND TO FINAL CONSTRUCTION RFDS FOR ALL RF DETAILS.
3. EXISTING EQUIPMENT AND FENCE OMITTED FOR CLARITY.
4. PROPOSED CABLE/ROUTING AND PROPOSED EQUIPMENT SHALL BE VERIFIED BY A PASSING SA PRIOR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



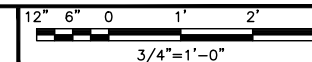
PROPOSED SOUTH ELEVATION



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					
ALPHA	A1	FUJITSU - TA08025-B604	5G	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.				
	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					

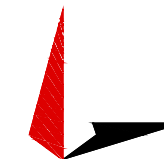
ANTENNA SCHEDULE

NO SCALE

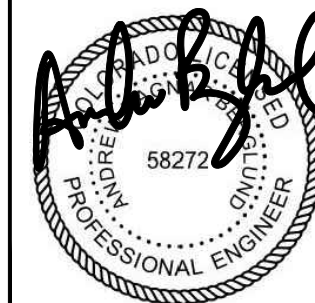
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SHEET TITLE
ELEVATION, ANTENNA LAYOUT AND SCHEDULE

SHEET NUMBER

A-2



SBA COMMUNICATIONS CORPORATION
 8051 Congress Avenue
 Boca Raton, FL 33487-1307

19 January 2022

El Paso County
 Attention: John Green
 2880 International Circle Suite 110
 Colorado Springs, CO 80910

RE: Dish Network 2746 Rustic Oak Grove, Colorado Springs, CO (DNDEN00359A)

John:

Dish Network intends to install equipment on SBA's existing site located at the address above. The tower is owned by SBA and a lease agreement has been in place since 2003. It is located on parcel # 6204000017 and is zoned RR5.

The cell site is an existing 90' monopine (disguised as a "pine" tree), which currently holds Sprint and T-Mobile (TMO). Sprint is the tenant at the top of the monopine and TMO is located at 80'. Dish Wireless will be the third tenant on the monopine and will collocate at 68'. Dish Wireless will place their cabinets inside the existing fenced area (the compound is not increasing) on a 5' x 7' platform. The totality of Dish's scope of work is:

SCOPE OF WORK
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The proposed activity and land use approval will not adversely impact adjacent properties or existing drainage patterns. Code encourages collocations, rather than a brand-new build--this is a new carrier attaching to the SBA monopine, Dish will visit the site once a month for routine maintenance.

I have uploaded the drawings for review as well. If you have any questions or need anything further from me, please do not hesitate to contact me at 702-429-0410



SBA COMMUNICATIONS CORPORATION
8051 Congress Avenue
Boca Raton, FL 33487-1307

Thank you,

Nefi Garcia

Nefi Garcia

702-429-0410 +C

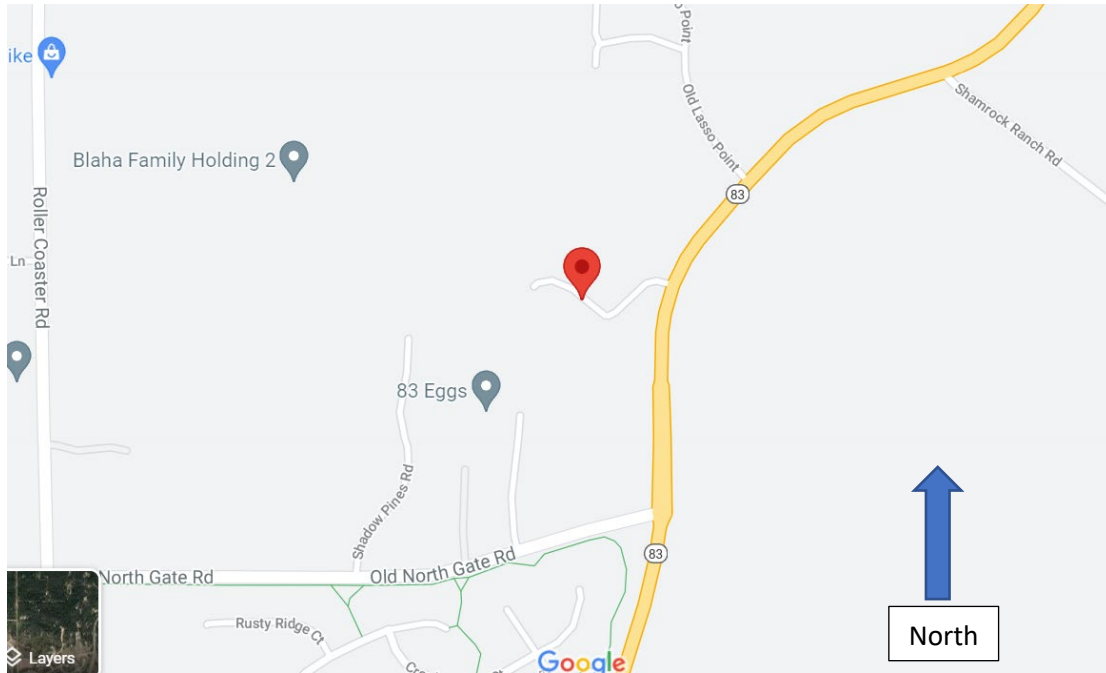
ngarcia@sbsite.com

Your Signal Starts Here.

Location map of SBA Communications stealth monopine

2746 Rustic Oak Grove

Dish site number: DNDEN00359A





Cell Tower location: