dish wireless...

DISH WIRELESS, LLC. SITE ID:

MWMKE00224A

DISH WIRELESS, LLC, SITE ADDRESS:

8330 N RAYNOR AVE FRANKSVILLE, WI 53126

WISCONSIN 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:

WISCONSIN CBC/2015 IBC W/ WI AMENDMENTS
WISCONSIN CBC/2015 IMC W/ WI AMENDMENTS
WISCONSIN ELECTRICAL CODE/2017 NEC W/ WI AMENDMENTS

	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-3	EQUIPMENT PLATFORM AND H-FRAME DETAILS
A-4	EQUIPMENT DETAILS
A-5	EQUIPMENT DETAILS
A-6	EQUIPMENT DETAILS
E-1	ELECTRICAL/FIBER ROUTE PLAN AND NOTES
E-2	ELECTRICAL DETAILS
E-3	ELECTRICAL ONE-LINE & 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	RF SIGNAGE
GN-3	GENERAL NOTES
GN-4	GENERAL NOTES
GN-5	GENERAL NOTES

RECEIVED

JUN 08 2022

RACINE COUNTY

SCOPE OF WORK

THIS IS NOT AN ALL INCLUSIVE LIST. CONTRACTOR SHALL UTILIZE SPECIFIED EQUIPMENT PART OR ENGINEER APPROVED EQUIPMENT. 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 ANTENNA SECTOR FRAME MOUNTS (1 PER SECTOR)
 INSTALL (3) PROPOSED PANEL ANTENNAS (1 PER SECTOR)
 INSTALL (6) PROPOSED RUB (2 PER SECTOR)
 INSTALL (1) PROPOSED OVER VOLTAGE PROTECTION DEVICE (OVP)

- INSTALL (1) PROPOSED CABLE LADDER INSTALL (1) PROPOSED HYBRID CABLE (LENGTH: 220'-0")

- GROUND SCOPE OF WORK:

 INSTALL (1) PROPOSED METAL PLATFORM

 INSTALL (1) PROPOSED ICE BRIDGE

 INSTALL (1) PROPOSED PC CABINET

 INSTALL (1) PROPOSED EQUIPMENT CABINET

 INSTALL (1) PROPOSED TELCO 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 CIENA BOX (IF REQUIRED)
- INSTALL (1) PROPOSED METER SOCKET

SITE PHOTO





UNDERGROUND SERVICE ALERT - DIGGERS HOTLINE UTILITY NOTIFICATION CENTER OF WISCONSIN (800) 242-8511

CALL 3 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

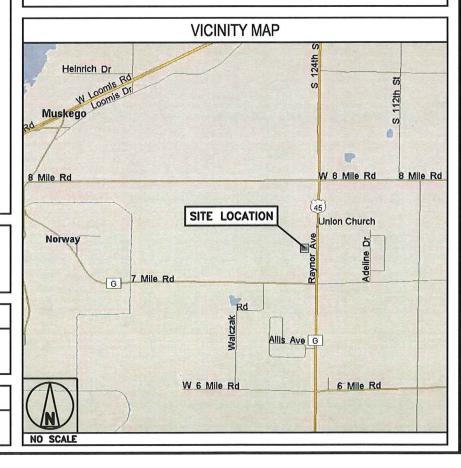
CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON THE JOB SITE, AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

SITE INFORMATION		PROJECT DIRECTORY		
PROPERTY OWNER: ADDRESS:	TBD 8330 N RAYNOR AVE FRANKSVILLE, WI 53128	APPLICANT:	DISH WRELESS, LLC. 5701 SOUTH SANTA FE DRIVE LITTLETON, CO 80120	
TOWER TYPE:	SELF-SUPPORT TOWER	TOWER OWNER:	US CELLULAR TOWERS	
TOWER CO SITE ID:	783315			
TOWER APP NUMBER:	N/A			
COUNTY:	RACINE	SITE DESIGNER:	FULLERTON ENGINEERING 1100 E WOODFIELD RD., STE 500	
LATITUDE (NAD 83):	42'50'03.1" N 42.834206		SCHAUMBURG, IL 60173 (847) 908-8400	
LONGITUDE (NAD 83):	88'04'21.2" W -88.07255784		(-11, -12, -13, -13, -13, -13, -13, -13, -13, -13	
ZONING JURISDICTION:	NORWAY TOWNSHIP	SITE ACQUISITION	: MEGHAN LANIGAN	
ZONING DISTRICT:	TBD	CONSTRUCTION MANAGER: ANDREW HILGERS		
PARCEL NUMBER:	010-04-20-01-017-000	7 32 33 437 6		
OCCUPANCY GROUP:	U	RF ENGINEER:	NAVEED SHERWANI	
CONSTRUCTION TYPE:	II-B			
POWER COMPANY:	WE ENERGIES			
TELEPHONE COMPANY:	TBD			

DIRECTIONS

DIRECTIONS FROM GENERAL MITCHELL INTERNATIONAL AIRPORT:

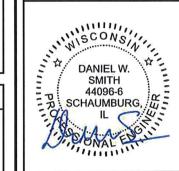
HEAD EAST TOWARD ARRIVALS / BAGGAGE CLAIM, USE THE LEFT 2 LANES TO TURN SLIGHTLY LEFT ONTO ARRIVALS / BAGGAGE CLAIM, KEEP LEFT TO CONTINUE ON W-119 W, USE THE LEFT LANE TO TAKE THE I-41 S/I-94 E EXIT TOWARD CHICAGO, MERGE WITH I-41/I-94 E, TAKE EXIT 328 TO MERGE WITH W-241/W 7 MILE RD, CONTINUE STRAIGHT ONTO W-241, CONTINUE STRAIGHT ONTO W 7 MILE RD, TURN RIGHT ONTO US-45 N, DESTIANTION WILL BE ON THE LEFT



5701 SOUTH SANTA FE DRIVE LITTLETON, CO 80120

ULLERTON

I 100 E. WOODFIELD ROAD, SUITE 500 SCHAUMBURG, ILLINOIS 60173 TEL: 847-908-8400 COA# 3620-11 www.FullertonEngineering.com



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

DRAWN BY:	CHECKED BY:	APPROVED BY
MS	DZ	DS
RFDS REV	# :	2

PERMITTING DOCUMENTS

		SUBMITTALS
REV	DATE	DESCRIPTION
A	08/20/2021	ISSUED FOR REVIEW
B	09/16/2021	REVISION
C	03/10/2022	MOUNT REVISION
0	03/14/2022	ISSUED FOR PERMITTING

A&E PROJECT NUMBER 2021.0030.0075

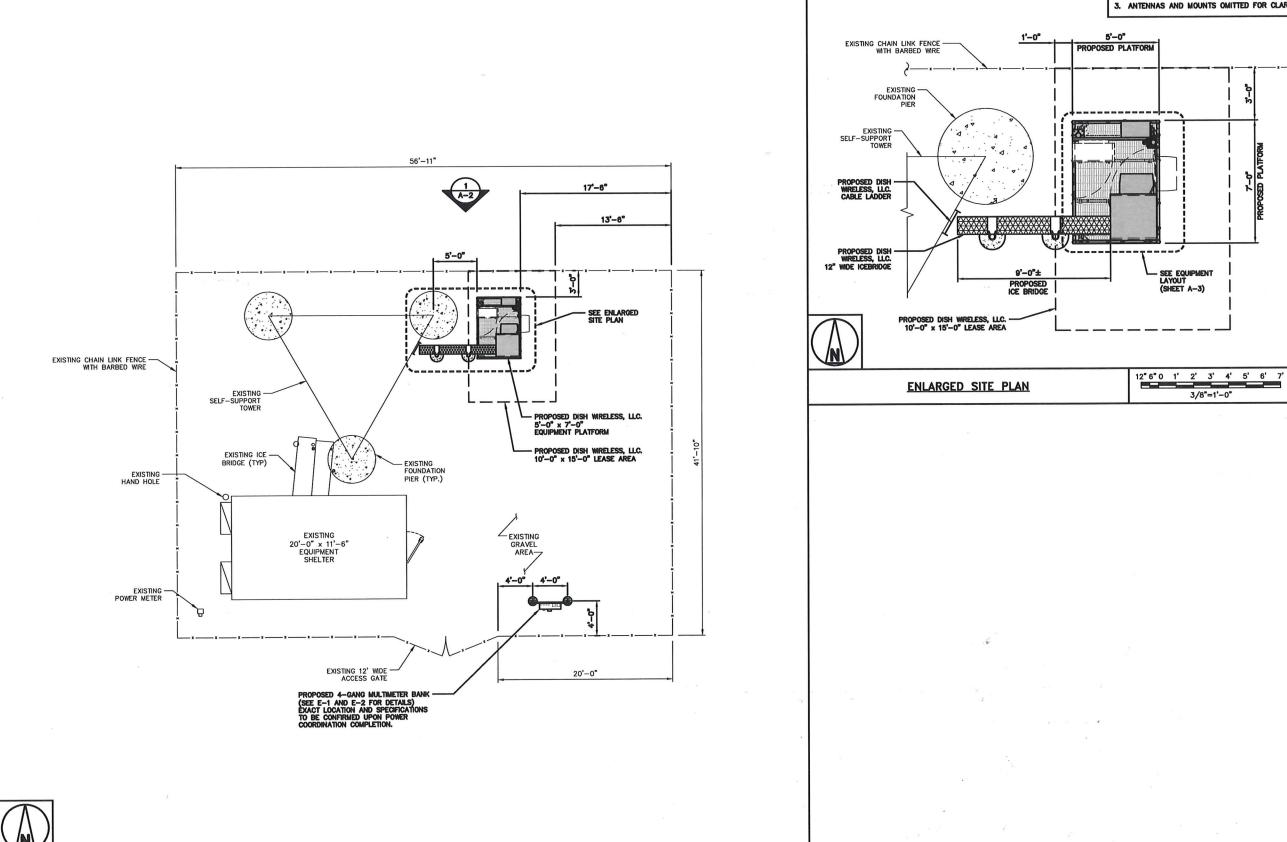
DISH WIRELESS, LLC.

MWMKE00224A 8330 N RAYNOR AVE FRANKSVILLE, WI 53126

> SHEET TITLE TITLE SHEET

SHEET NUMBER

T-1



6' 4' 2' 0

3/16"=1'-0"

OVERALL SITE PLAN

NOTES

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

3/8"=1'-0"



5701 SOUTH SANTA FE DRIVE LITTLETON, CO 80120

1100 E. WOODFIELD ROAD, SUITE 500 SCHAUMBURG, ILLINOIS 60173 TEL: 847-908-8400 COA#_3620-11 www.FullertonEngineering.com



DRAWN BY:	CHECKED BY:	APPROVED BY
MS	DZ	DS

RFDS REV #:

PERMITTING DOCUMENTS

	:	SUBMITTALS
REV	DATE	DESCRIPTION
A	08/20/2021	ISSUED FOR REVIEW
В	09/18/2021	REVISION
C	03/10/2022	MOUNT REVISION
0	03/14/2022	ISSUED FOR PERMITTING

A&E PROJECT NUMBER 2021.0030.0075

DISH WRELESS, LLC. PROJECT INFORMATION

MWMKE00224A 8330 N RAYNOR AVE FRANKSVILLE, WI 53126

SHEET TITLE

OVERALL AND ENLARGED SITE PLAN

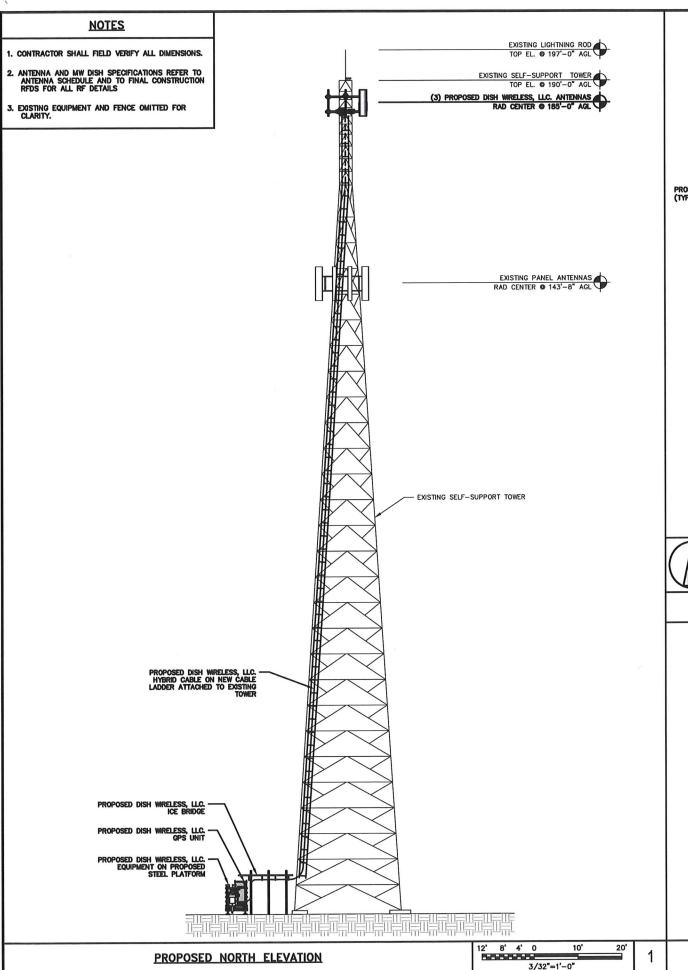
SHEET NUMBER

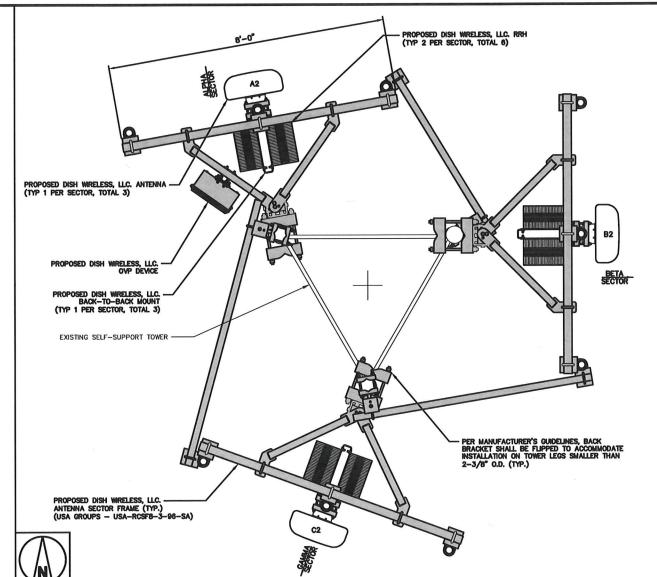
A-1

NOT USED

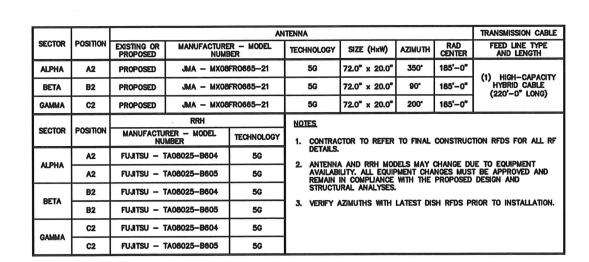
NO SCALE

3





ANTENNA LAYOUT

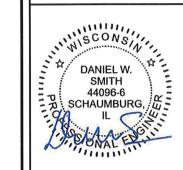




5701 SOUTH SANTA FE DRIVE LITTLETON, CO 80120

ULLERTON

I 100 E. WOODFIELD ROAD, SUITE 500 SCHAUMBURG, ILLINOIS 60173 TEL: 847-908-8400 COA# 3620-11 www.FullertonEngineering.com



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

DRAWN BY:	CHECKED BY:	APPROVED BY:
MC	0.7	DC

RFDS REV #:

2

PERMITTING DOCUMENTS

	;	SUBMITTALS
REV DATE		V DATE DESCRIPTION
Α	08/20/2021	ISSUED FOR REVIEW
В	09/18/2021	REVISION
C	03/10/2022	MOUNT REVISION
0	03/14/2022	ISSUED FOR PERMITTING

A&E PROJECT NUMBER 2021.0030.0075

DISH WRELESS, LLC. PROJECT INFORMATION

MWMKE00224A 8330 N RAYNOR AVE FRANKSVILLE, WI 53126

SHEET TITLE

ELEVATION, ANTENNA LAYOUT AND SCHEDULE

SHEET NUMBER

A-2

ANTENNA SCHEDULE

NO SCALE

12" 6" 0

3/4"=1'-0"

.... I 3

3

