

REVISED

RECEIVED

FEB 22 2022

PERMIT NUMBER: B22000275 DATE ACCEPTED:

LICENSES & PERMITS DIVISION



Comments: COMMERCIAL BUILDING PERMIT APPLICATION

HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS

3430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043 - PHONE: (410) 313-2455 OPTION #4 www.howardcountymd.gov

BUILDING SITE ADDRESS REQUIRED

Street Address: 700 Route 32 Unit: City: Sykesville State: MD Zip Code: 21784 Subdivision/Village/Complex Name: SDP/WP/BA #: Lot: Tax Map: Parcel: 03-298205 Grading Permit #:

DESCRIPTION OF WORK REQUIRED

Existing Use: Unmanned Wireless Facility Proposed Use: Collocation Estimated Cost: \$25000 Trade Work to Be Completed (Separate Permits Required): Mechanical (HVACR) Electrical Plumbing None Dish Wireless to collocate: Adding 3 antennas, 6 radios, 1 ovp, 1 hybrid cable on the tower and 1 cabinet on the ground

PROPERTY OWNER INFORMATION REQUIRED

Owner(s) Name(s) (As it appears on tax records): The Samuel Lewis Warfield Owner's Street Address: 688 Sykesville Road City: Sykesville State: MD Zip Code: 21784 Phone: (410) 917-8466 Email:

TENANT INFORMATION REQUIRED

Business Name: Crown Castle Contact Name: Andrew Silvermail Street Address: 2055 S. Stearman Dr. City: Chandler State: AZ Zip Code: 85286 Phone: (480) 734-2415 Email: andrew.silvermail@crowncastle.com

APPLICANT NAME REQUIRED - INDIVIDUAL WHO SIGNS THIS APPLICATION

Business Name: Crown Castle on behalf of Dish Wireless Contact Name: Andrew Silvermail Street Address: 2055 S. Stearman Dr City: Chandler State: AZ Zip Code: 85286 Phone: (480) 734-2415 Email: andrew.silvermail@crowncastle.com

CONTRACTOR INFORMATION REQUIRED

Business Name: Contractor not yet named Licensee's Name: License #: Street Address: City: State: Zip Code: Phone: Email:

ARCHITECT/ENGINEER INFORMATION REQUIRED - INDIVIDUAL WHO SIGNED PLANS

Business Name: NB+C Engineering Services, LLC Name: Krupakaran Kolandaivelu, PE Street Address: 6095 Marshalee Dr. Suite 300 City: Elkridge State: MD Zip Code: 21075 Phone: (410) 712-7092 Email: tarrison@nbcllc.com

BUILDING CHARACTERISTICS (PLEASE SELECT/COMPLETE ALL THAT APPLY)

Utilities: Electric Gas Water Supply: Public Private (Well) Sewage Disposal: Public Private (Septic) Heating System: Electric Natural Gas Propane Other: None Roadside Tree Project: No Yes: # Sprinkler System: NFPA 13 NFPA 13R None Fire Alarm System: Yes No Voice Evac

ADDITIONAL COMMERCIAL INFORMATION (PLEASE SELECT/COMPLETE ALL THAT APPLY)

Area of Construction: 35 sq ft Gross Area: 4,900 sq ft Height: 187 ft # of Stories: Construction Classification(s): II-B Use Group: U Was the tenant space previously occupied? Yes No Shell Building Permit # (for interior completions):

ADDITIONAL MULTI-FAMILY INFORMATION IF APPLICABLE

of efficiency units (MF): # of 1 BR (MF): # of 2 BR (MF): # of 3 BR (MF): Energy Method: Performance UA Alternative ERI A 90.1 Gross Area: sq ft Occupiable Area: sq ft

AGREEMENT/ DISCALIMER REQUIRED

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES

APPLICANT'S ORIGINAL SIGNATURE DATE SIGNED: 2/15/22

FOR OFFICE USE ONLY CHECKS PAYABLE TO: DIRECTOR OF FINANCE OF HOWARD COUNTY

AGENCIES REQUIRED/APPROVALS: SUBMITTAL FEES: PAYMENT: ACCEPTED BY: FEDEX



DISH Wireless L.L.C. SITE ID:

DCWDC00677A

DISH Wireless L.L.C. SITE ADDRESS:

**700 ROUTE 32
SYKESVILLE, MD 21784**

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 (1) PROPOSED ANTENNA PLATFORM MOUNT
 - INSTALL PROPOSED JUMPERS
 - INSTALL (8) PROPOSED BRUS (2 PER SECTOR)
 - INSTALL (1) PROPOSED OVER VOLTAGE PROTECTION DEVICE (OVP)
 - INSTALL (1) PROPOSED HYBRID CABLE
 - INSTALL (3) DOUBLE Z-BRACKETS (1 PER SECTOR)

- GROUND SCOPE OF WORK:**
- INSTALL (1) PROPOSED METAL PLATFORM
 - INSTALL (1) PROPOSED ICE BRIDGE
 - INSTALL (1) PROPOSED PBC 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
 - INSTALL (1) PROPOSED FIBER NID (IF REQUIRED)
 - INSTALL (1) PROPOSED METER
 - INSTALL (1) PROPOSED METER SOCKET

SITE INFORMATION

PROPERTY OWNER: WARFIELD SAMUEL L TRUSTEE
ADDRESS: 688 SYKESVILLE RD
SYKESVILLE, MD 21784

TOWER TYPE: MONOPOLE

TOWER CG SITE ID: 528930

TOWER APP NUMBER: 354014

COUNTY: HOWARD

LATITUDE (NAD 83): 39° 20' 09.81" N
39.339547 N

LONGITUDE (NAD 83): 76° 58' 13.80" W
76.970444 W

ZONING JURISDICTION: HOWARD COUNTY

ZONING DISTRICT: RC-DEC

PARCEL NUMBER: 140328935

OCCUPANCY GROUP: U

CONSTRUCTION TYPE: I-B

POWER COMPANY: BG&E

TELEPHONE COMPANY: COMCAST

PROJECT DIRECTORY

APPLICANT: DISH WIRELESS, LLC
5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

TOWER OWNER: DROWN CASTLE USA INC.
2000 CORPORATE DR.
DANONSBURG, PA 15317
(877) 486-9377

SITE DESIGNER: NB+C ENGINEERING SERVICES, LLC
8095 MARSHALEE DRIVE, SUITE 300
ELKRIEGE, MD 21075
(410) 712-7092

SITE ACQUISITION: VICTOR NUNEZ
VICTOR.NUNEZ@DROWNCASTLE.COM

CONSTRUCTION MANAGER: TROY JAMES
TROY.JAMES@DISH.COM

RF ENGINEER: FREDERICK OSBERG
FREDERICK.OSBERG@DISH.COM

MARYLAND CODE OF 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	2021 MC
MECHANICAL	2018 MC
ELECTRICAL	2020 NEC

SITE PHOTO



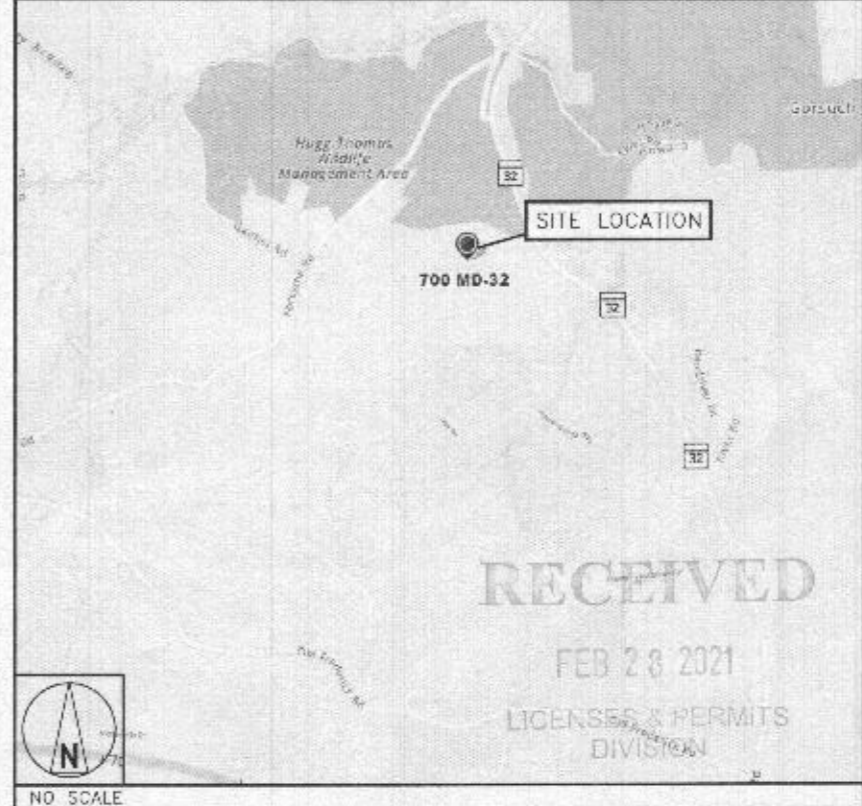
DIRECTIONS

DIRECTIONS FROM BALTIMORE WASHINGTON INTERNATIONAL AIRPORT:
START OUT GOING SOUTHEAST ON FRIENDSHIP RD TOWARD ELM RD. FRIENDSHIP RD BECOMES METROPOLITAN BLVD. MERGE ONTO I-83 N VIA EXIT 4A TOWARD I-695/BALTIMORE. MERGE ONTO I-695 W VIA EXIT 40B ON THE LEFT TOWARD TOWSON. TAKE THE I-70 EXT. EXIT 16 TOWARD FREDERICK/LOCAL TRAFFIC. MERGE ONTO I-70 W VIA EXIT 18A ON THE LEFT TOWARD FREDERICK. MERGE ONTO SYKESVILLE RD/MD 32 N VIA EXIT 50 TOWARD SYKESVILLE. 700 MD-32, SYKESVILLE, MD 21784-5642. 700 MD-32 IS ON THE LEFT.

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	ELECTRICAL/FIBER ROUTE PLAN AND NOTES
E-2	ELECTRICAL DETAILS
E-3	ELECTRICAL ONE-LINE, FAULT CALC & 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

VICINITY MAP



MISS UTILITY OF MARYLAND
UTILITY NOTIFICATION CENTER OF MARYLAND
(800) 257-7777
WWW.MISSUTILITY.NET



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 WASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

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

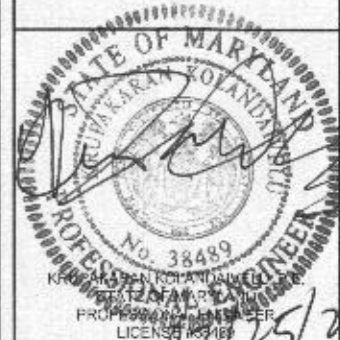
CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON THE JOB SITE, AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.



5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120



TOTALLY COMMITTED.
NB+C ENGINEERING SERVICES, LLC
606 MARSHALEE DRIVE, SUITE 300
ELKRIEGE, MD 21075
(410) 712-7092



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:

AN BRN TA

RFDS REV #:

CONSTRUCTION DOCUMENTS

REV	DATE	DESCRIPTION
A	12/21/2021	ISSUED FOR REVIEW
0	11/19/2021	ISSUED FOR CONSTRUCTION
1	02/01/2022	ISSUED FOR CONSTRUCTION

A&E PROJECT NUMBER

828930

DISH WIRELESS, LLC.
PROJECT INFORMATION

**DCWDC00677A
700 ROUTE 32
SYKESVILLE, MD 21784**

SHEET TITLE
TITLE SHEET

SHEET NUMBER

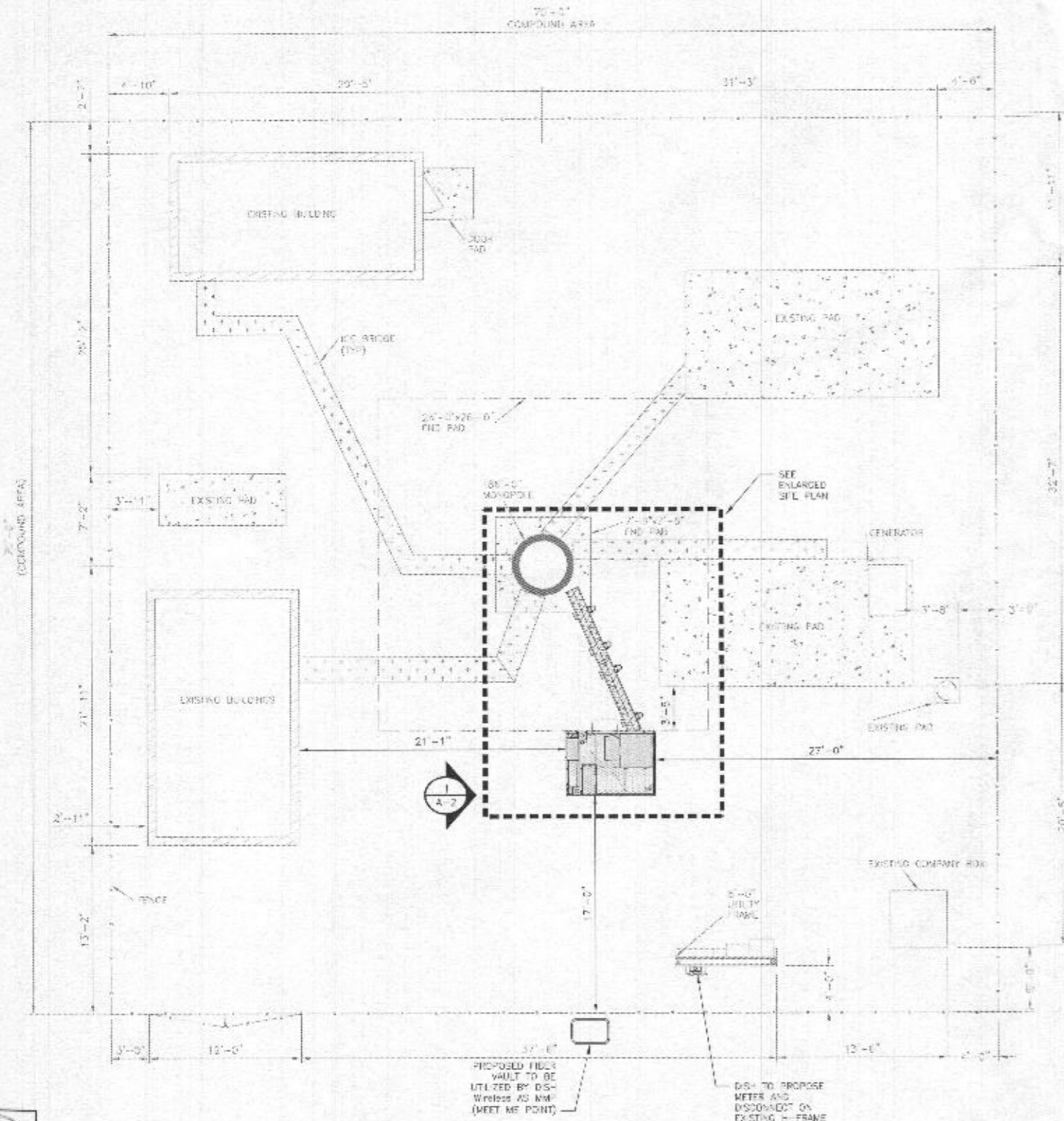
T-1

NOTES

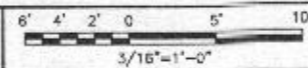
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. CONTRACTOR SHALL MAINTAIN A 10'-0" MINIMUM SEPARATION BETWEEN THE PROPOSED GPS UNIT, TRANSMITTING ANTENNAS AND EXISTING GPS UNITS.
3. ANTENNAS AND MOUNTS OMITTED FOR CLARITY.

NOTES

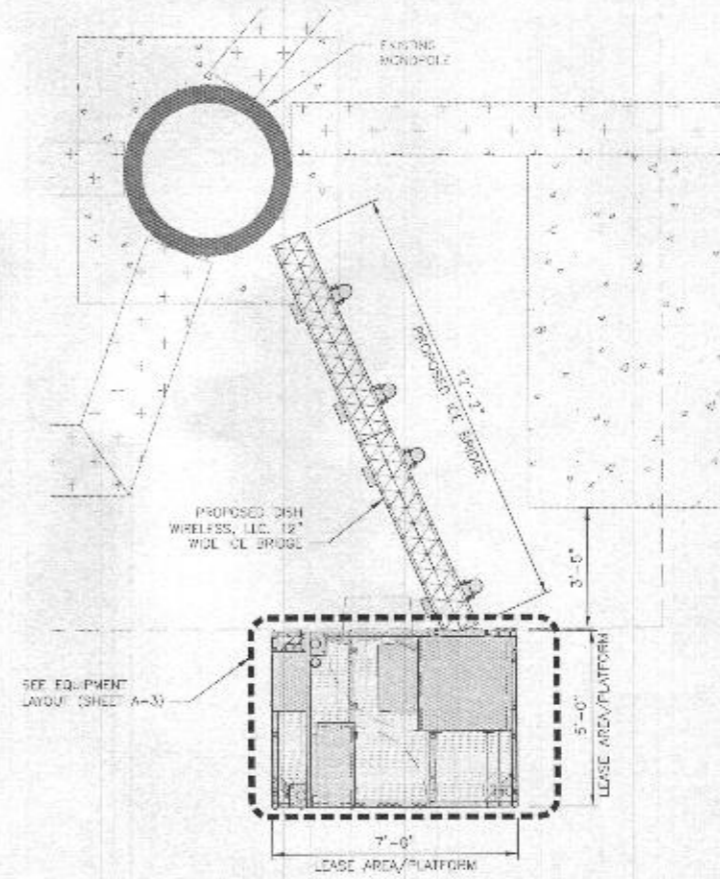
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. ANTENNAS AND MOUNTS OMITTED FOR CLARITY.



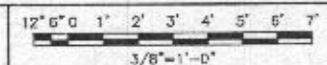
OVERALL SITE PLAN



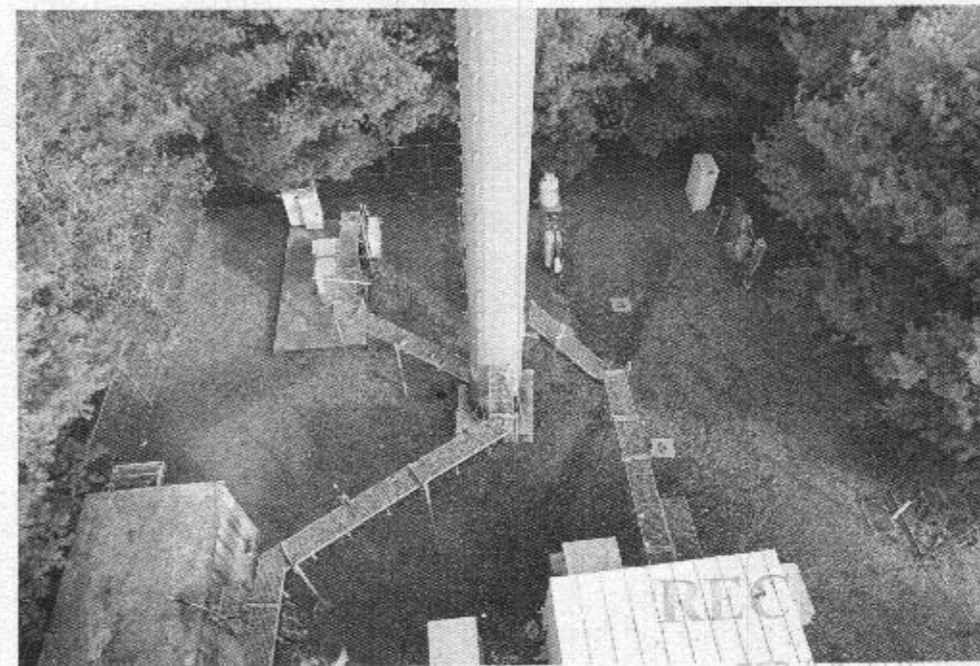
1



ENLARGED SITE PLAN



2



AERIAL VIEW

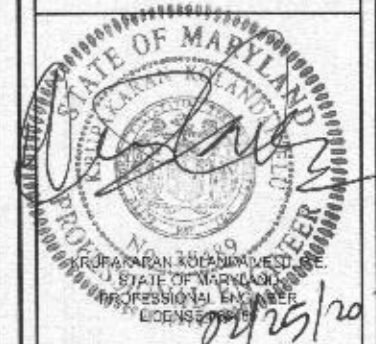
LICENSES & PERMITS 3
DIVISION



5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120



NB+C ENGINEERING SERVICES, LLC.
606 MARSHLEE DRIVE, SUITE 300
ELK RIDGE, MD 21075
(410) 712-7092



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: AN CHECKED BY: BRN APPROVED BY: TA

RFDS REV #:

CONSTRUCTION DOCUMENTS

SUBMITTALS

REV	DATE	DESCRIPTION
A	10/21/2021	ISSUED FOR REVIEW
B	11/19/2021	ISSUED FOR CONSTRUCTION
1	02/04/2022	ISSUED FOR CONSTRUCTION

A&E PROJECT NUMBER
828930

DISH WIRELESS, LLC.
PROJECT INFORMATION
DCWDC00677A
700 ROUTE 32
SYKESVILLE, MD 21784

SHEET TITLE
OVERALL AND ENLARGED SITE PLAN

SHEET NUMBER
A-1

NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. ANTENNA AND RRH SPECIFICATIONS REFER TO ANTENNA SCHEDULE AND TO FINAL CONSTRUCTION RIDS FOR ALL RF DETAILS.
3. EXISTING EQUIPMENT AND FENCE OMITTED FOR CLARITY.

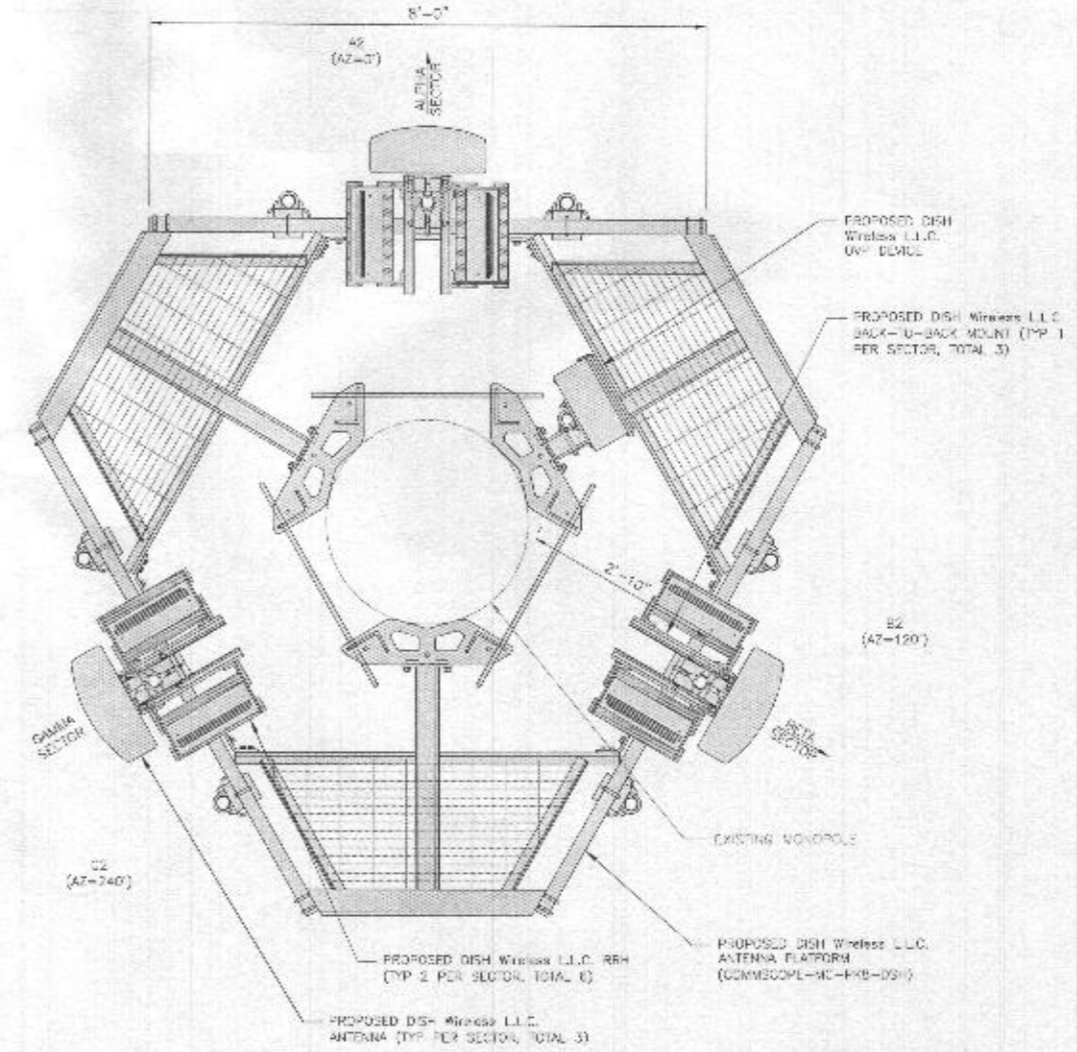
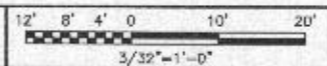


(1) PROPOSED DISH WIRELESS, LLC HYBRID CABLE ROUTED OUTSIDE POLE

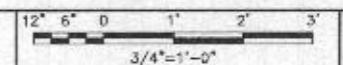
EXISTING MONOPOLE

PROPOSED DISH WIRELESS, LLC ICE BRIDGE
 PROPOSED DISH WIRELESS, LLC EQUIPMENT ON PROPOSED STEEL PLATFORM
 PROPOSED DISH WIRELESS, LLC OPS UNIT

PROPOSED NORTH ELEVATION



ANTENNA LAYOUT



SECTOR POS.	ANTENNA					TRANSMISSION CABLE	RRH			DWP	
	EXISTING OR PROPOSED	MANUFACTURER	MODEL	TECH	AZMUTH		FEED LINE TYPE AND LENGTH	MANUFACTURER - MODEL NUMBER	TECH	POS.	MANUFACTURER MODEL
A1	---	---	---	---	---	(1) HIGH-CAPACITY 1.75" DIA. HYBRID CABLE (183' LONG)	FUJITSU - TAC8025-B604	5G	A2	RAYCAP - R800-9151 -PS-48	
A2	PROPOSED	JVA - MX08FR0685-21	5G	0°	140'-0"		FUJITSU - TAC8025-B605	5G	A2		
A3	---	---	---	---	---		---	---	---		
B1	---	---	---	---	---	SHARED W/ALPHA	FUJITSU - TAC8025-B604	5G	B2	SHARED W/ALPHA	
B2	PROPOSED	JVA - MX08FR0685-21	5G	120°	140'-0"		FUJITSU - TAC8025-B605	5G	B2		
B3	---	---	---	---	---		---	---	---		
C1	---	---	---	---	---	SHARED W/ALPHA	FUJITSU - TAC8025-B604	5G	C2	SHARED W/ALPHA	
C2	PROPOSED	JVA - MX08FR0685-21	5G	240°	140'-0"		FUJITSU - TAC8025-B605	5G	C2		
C3	---	---	---	---	---		---	---	---		

- NOTES**
1. CONTRACTOR TO REFER TO FINAL CONSTRUCTION RIDS 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.

RECEIVED
 FEB 28 2021
 LICENSES & PERMITS
 DIVISION

ANTENNA SCHEDULE

NO SCALE 3

dish wireless.
 5701 SOUTH SANTA FE DRIVE
 LITTLETON, CO 80120

NB+C
TOTALLY COMMITTED.
 NB+C ENGINEERING SERVICES, LLC
 905 MARSHALLE DRIVE, SUITE 300
 ELK RIDGE, MD 21075
 (410) 712-7342

STATE OF MARYLAND
 SURNAME BOLAN
 PROFESSIONAL ENGINEER
 05/2022

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: AN
 CHECKED BY: BRN
 APPROVED BY: TA

RFDS REV #:

CONSTRUCTION DOCUMENTS

SUBMITTALS

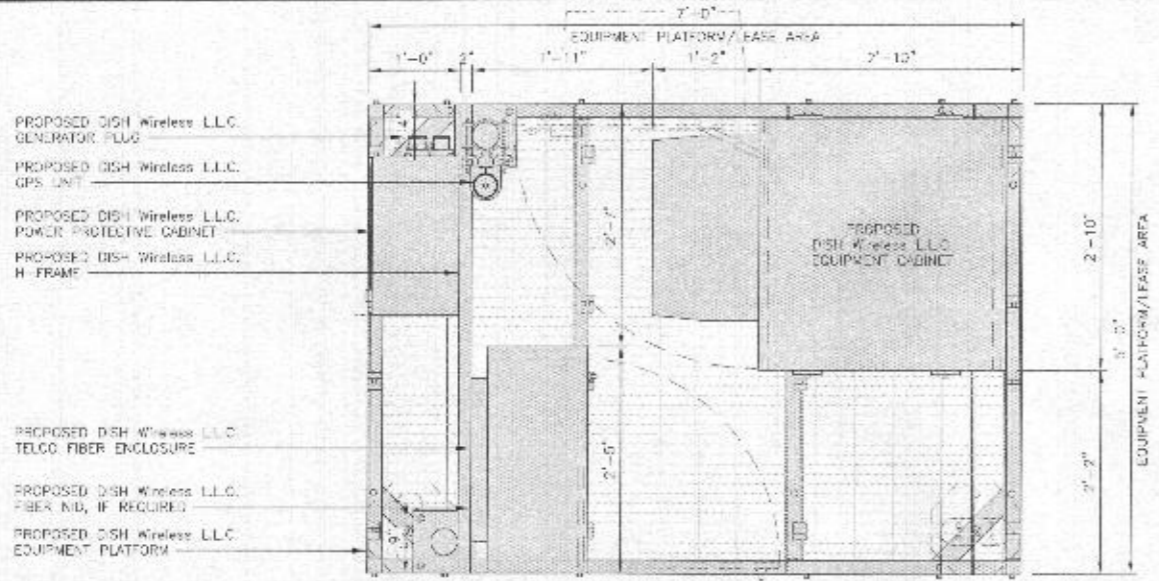
REV	DATE	DESCRIPTION
A	10/27/2021	ISSUED FOR REVIEW
0	11/15/2021	ISSUED FOR CONSTRUCTION
1	02/04/2022	ISSUED FOR CONSTRUCTION

A&E PROJECT NUMBER
828930

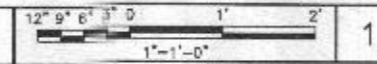
DISH WIRELESS, LLC.
 PROJECT INFORMATION
 DCWDC00677A
 700 ROUTE 32
 SYKESVILLE, MD 21784

SHEET TITLE
ELEVATION, ANTENNA LAYOUT AND SCHEDULE

SHEET NUMBER
A-2



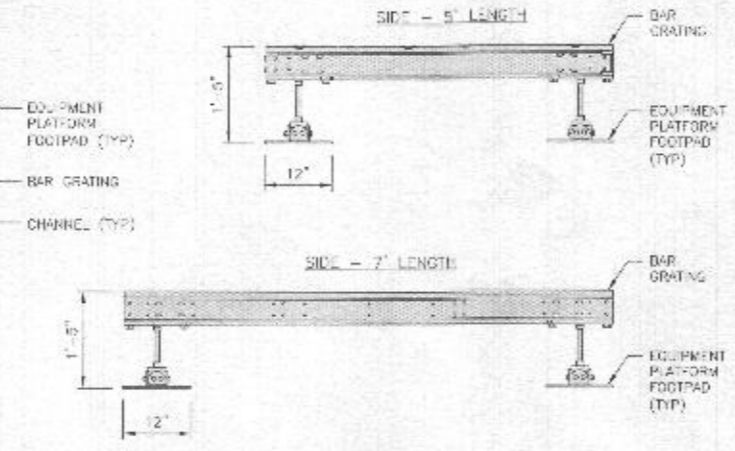
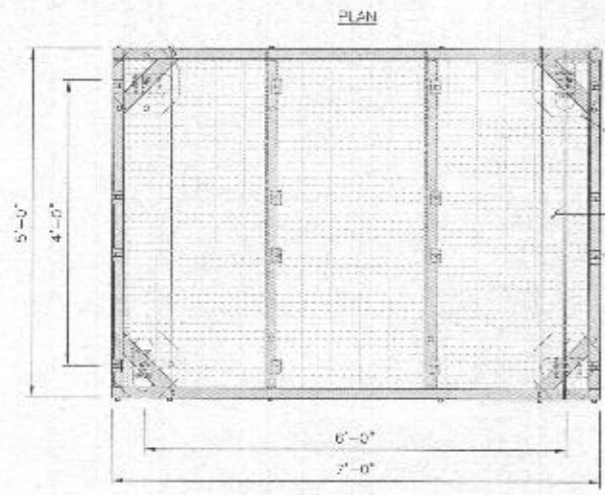
PLATFORM EQUIPMENT PLAN



1

COMMSCOPE MTC4045LP 5X7 PLATFORM	
DIMENSIONS (HxWxD)	16"x24"x60"
TOTAL WEIGHT	423 LBS

NOTE:
GO TO PROVIDE EXTENDED
THREAD FOR PLATFORM IF
REQUIRED HEIGHT EXCEEDS 17"

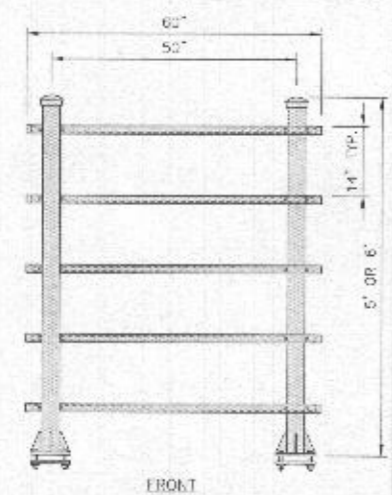
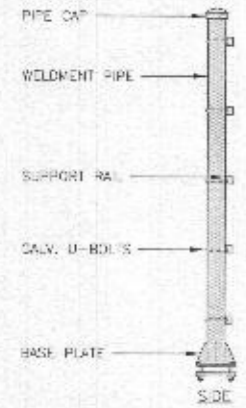


PLATFORM DETAIL

NO SCALE 2

COMMSCOPE MTC4045HFLD H-FRAME	
UNISTRUT/SUPPORT RAILS QTY	5
WEIGHT	59.74 lbs

NOTE:
OR DISH Wireless LLC
APPROVED EQUIVALENT

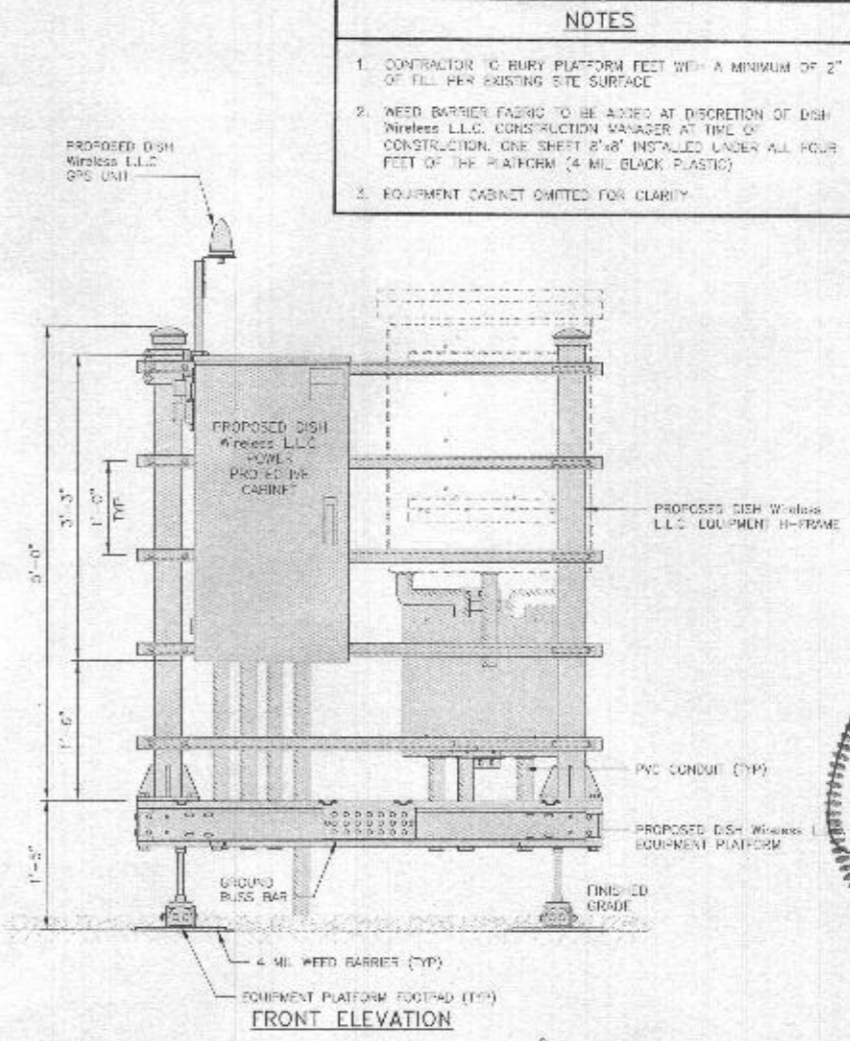


H-FRAME DETAIL

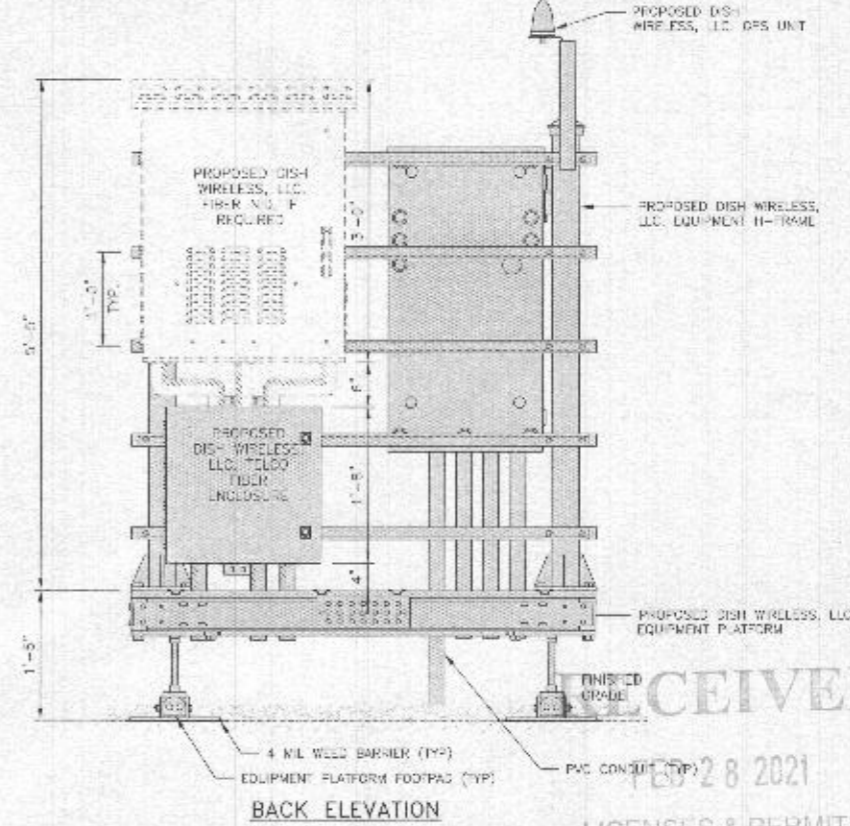
NO SCALE 3

NOT USED

NO SCALE 4

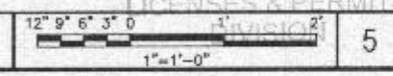


FRONT ELEVATION



BACK ELEVATION

H-FRAME EQUIPMENT ELEVATION



5

NOTES

- CONTRACTOR TO BURY PLATFORM FEET WITH A MINIMUM OF 2" OF FILL PER EXISTING SITE SURFACE
- WEED BARRIER FABRIC TO BE ADDED AT DISCRETION OF DISH Wireless LLC CONSTRUCTION MANAGER AT TIME OF CONSTRUCTION. ONE SHEET 8'x8' INSTALLED UNDER ALL FOUR FEET OF THE PLATFORM (4 MIL BLACK PLASTIC)
- EQUIPMENT CABINET OMITTED FOR CLARITY



5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120



TOTALLY COMMITTED.
NB+C ENGINEERING SERVICES, LLC
608 MARINA DRIVE, SUITE 200
BLARIDGE, MD 21035
(410) 712-7002



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: AN
CHECKED BY: BRN
APPROVED BY: TA

RFDS REV #:

CONSTRUCTION DOCUMENTS

SUBMITTALS

REV	DATE	DESCRIPTION
2	10/21/2021	ISSUED FOR REVIEW
6	11/19/2021	ISSUED FOR CONSTRUCTION
1	02/04/2022	ISSUED FOR CONSTRUCTION

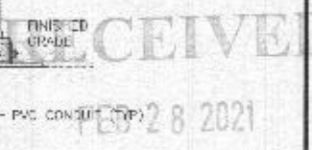
AXE PROJECT NUMBER
828930

DISH WIRELESS, LLC.
PROJECT INFORMATION
DCWDC00677A
700 ROUTE 32
SYKESVILLE, MD 21784

SHEET TITLE
EQUIPMENT PLATFORM AND
H-FRAME DETAILS

SHEET NUMBER

A-3



LICENSES & PERMITS

CHARLES INDUSTRY HEX CUBE-PM639155N4	
DIMENSIONS (HxWxD)	74.75x32.1x32"
POWER PLANT	-48VDC ABB/600W
TOTAL WEIGHT (EMPTY)	408 LBS

PLAN

SIDE BACK SIDE FRONT

RAYCAP PPC RDIAC-2465-P-240-MTS	
ENCLOSURE DIMENSIONS (HxWxD)	39"x22.835"x12.593"
WEIGHT	50 lbs
OPERATING AC VOLTAGE	740/170 1 PHASE 3W4Q

BACK SIDE FRONT SIDE

SQUARE D SAFETY SWITCHES D224NRB	
ENCLOSURE DIM (HxWxD)	29.25"x19.00"x8.50"
ENCLOSURE TYPE	NEMA 3R RAINPROOF
UL LISTED	FILE E-2875

SIDE FRONT

CABINET DETAIL NO SCALE 1

POWER PROTECTION CABINET (PPC) DETAIL NO SCALE 2

SAFETY SWITCH DETAIL NO SCALE 3

EATON METER SOCKET UNRRS213BEUSE	
METER SOCKET TYPE	RING
ENCLOSURE DIM (HxWxD)	16"x12"x6"
MAIN AMPERE RATING	200A
WEIGHT	18 LBS

PLAN

SIDE BACK FRONT

CIENA 3931 FIBER NID ENCLOSURE	
DIMENSIONS (HxWxD)	17"x18.8"x7"
WEIGHT	28.3 lbs

SIDE FRONT

CHARLES CFIT-PF2020DSH1 FIBER TELCO ENCLOSURE	
ENCLOSURE DIMS (HxWxD)	20"x20"x9"
ENCLOSURE WEIGHT	20 lbs
MOUNTING	WALL
COMPLIANCE	TYPE 4

SIDE BACK FRONT

METER SOCKET DETAIL NO SCALE 4

FIBER NID ENCLOSURE DETAIL NO SCALE 5

FIBER TELCO ENCLOSURE DETAIL NO SCALE 6

COMMSCOPE WB-K110-B WAVEGUIDE BRIDGE KIT	
DIMENSIONS (HxL)	160"x10"
WEIGHT/ VOLUME	325.0 LBS
CABLE RUN (QTY)	12

INCLUDED PRODUCTS: WD-T12-3 TRAPEZE KIT, 3 RUNCS; WB-R12-3 SUPPORT BRACKET; MF-130 DIRECT BURIAL PIPE COLUMN, 13'-4"

TRAPEZE KIT (WB-T12-3)
SUPPORT BRACKET (WB-R12-3)
3.5" DIA GALV SCH 40 PIPE (SPACED 9'-0" MAX) (MF-130)

PLAN FRONT SIDE

PROPOSED ICE BRIDGE
PROPOSED HYBRID CABLE
PROPOSED CABLE CLAMP 9'-2"-0" C.C.
HYBRID SUPPORT BRACKET AND RANING 9'-2"-0" C.C.
EXISTING MONOPOL

NOT USED

ICE BRIDGE DETAIL NO SCALE 7

HYBRID CABLE RUN NO SCALE 8

NOT USED NO SCALE 9

dish wireless.

5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

NB+C
TOTALLY COMMITTED.
NB+C ENGINEERING SERVICES, LLC.
6096 MARSHLEE DRIVE, SUITE 300
ELLSWORTH, MD 21075
(410) 712-7032

STATE OF MARYLAND
KARAN KOLTA
Professional Engineer
02/25/2021

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: AN CHECKED BY: BRN APPROVED BY: TA

RFDS REV #:

CONSTRUCTION DOCUMENTS

SUBMITTALS

REV	DATE	DESCRIPTION
4	10/21/2021	ISSUED FOR REVIEW
3	11/19/2021	ISSUED FOR CONSTRUCTION
1	02/24/2022	ISSUED FOR CONSTRUCTION

A&E PROJECT NUMBER
828930

DISH WIRELESS, LLC.
PROJECT INFORMATION
DCWDC00677A
700 ROUTE 32
SYKESVILLE, MD 21784

SHEET TITLE
EQUIPMENT DETAILS

SHEET NUMBER
A-4

RECEIVED
FEB 28 2021
LICENSES & PERMITS DIVISION