



www.qualtekservices.com

January 24, 2023

Dish Wireless Site ID: BOBOS01018D

AT&T Site Address: 100 High St, Portsmouth, NH

Changes to Application:

-Alpha and Beta antennas moved further back from edge of roof and sight line from street view. Any further back would impede on the antenna signal.

-Gamma antenna could not be moved back on the proposed sled mount. Can keep as is or mount it to the screen frame as shown below.



-Elevation has been updated to show the slope of the building.

-'Paint to Match' has been added to each antenna to ensure the antennas will blend in with the building.

Sincerely,

Meagan Beausoleil

Meagan Beausoleil
Site Acquisition Specialist I

QualtekWireless
125DepotStreet
Bellingham, MA 02019

Encl.

475 Sentry Pkwy E, Suite 200
Blue Bell, PA 19422



DISH Wireless L.L.C. SITE ID:

BOBOS01018D

DISH Wireless L.L.C. SITE ADDRESS:

**100 HIGH STREET
PORTSMOUTH, NH 03801**

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:

- SECTOR SCOPE OF WORK:**
- INSTALL (3) PROPOSED PANEL ANTENNAS PAINTED TO MATCH (1 PER SECTOR)
 - INSTALL (2) PROPOSED SLED MOUNTS
 - INSTALL PROPOSED JUMPERS
 - INSTALL (6) PROPOSED RRU's (2 PER SECTOR)
 - INSTALL (3) PROPOSED OVER VOLTAGE PROTECTION DEVICE (OVP) (1 PER SECTOR)
 - INSTALL (3) PROPOSED HYBRID CABLES (1 PER SECTOR)

- ROOFTOP SCOPE OF WORK:**
- INSTALL (1) PROPOSED METAL PLATFORM WITH H-FRAME
 - INSTALL (1) PROPOSED CABLE LADDER TRAY OR CABLE TRAY
 - INSTALL (1) PROPOSED BBU IN CABINET
 - INSTALL (1) PROPOSED EQUIPMENT CABINET
 - INSTALL (1) PROPOSED POWER CONDUIT
 - INSTALL (1) PROPOSED TELCO CONDUIT
 - INSTALL (1) PROPOSED NEMA 3 TELCO-FIBER BOX
 - INSTALL (1) PROPOSED GPS UNIT
 - INSTALL PROPOSED CONDUIT SLEEPERS

SITE INFORMATION

PROPERTY OWNER: CHATHAM PORTSMOUTH LLC
C/O CHATHAM LODGING TRUST
PROPERTY OWNER ADDRESS: 222 LAKEVIEW AVE, SUITE 200
WEST PALM BE, FL 33401

TOWER TYPE: ROOF TOP

TOWER CO SITE ID: N/A

COUNTY: ROCKINGHAM

LATITUDE (NAD 83): 43° 4' 40.36" N
43.077878

LONGITUDE (NAD 83): 70° 45' 35.41" W
-70.759836

ZONING JURISDICTION: CITY OF PORTSMOUTH

ZONING DISTRICT: CD5

PARCEL NUMBER: 118-0030

OCCUPANCY GROUP: U

CONSTRUCTION TYPE: II-B

POWER COMPANY: EVERSOURCE

TELEPHONE COMPANY: VERIZON

PROJECT DIRECTORY

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

BUILDING OWNER: CHATHAM PORTSMOUTH LLC
C/O CHATHAM LODGING TRUST
222 LAKEVIEW AVE, SUITE 200
WEST PALM BE, FL 33401

SITE DESIGNER: VRG Inc
23 MIDSTATE DR., #210
AUBURN, MA 01501
508-981-9590

SITE ACQUISITION: RYAN LYNCH
(781) 392-4040

CONSTRUCTION MANAGER: AARON CHANDLER
(508) 367-7138

RF ENGINEER: NIKITA JOSHI
Nikita.Joshi@dish.com



5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120



QUALTEK WIRELESS INC
16 ESQUIRE ROAD
BILLERICA, MA 01821



VERTICAL RESOURCES GRP.
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Tel. (508) 981-9590
Fax (508) 519-8939
mnobre@verticalresourcesgrp.com



Michael F. Plahovinsak, P.E.
Sole Proprietor - Independent Engineer
18301 SR 161, Plain City, Ohio
614-398-6250 / mike@mfpe.com
MFP Project #40922-116

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:
GAM MN MP

RFDS REV #: 0

CONSTRUCTION DOCUMENTS

SUBMITTALS		
REV	DATE	DESCRIPTION
0	11/01/2022	FOR PERMITTING
1	11/29/2022	GENERAL REVISIONS
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A&E PROJECT NUMBER
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DISH Wireless L.L.C.
PROJECT INFORMATION
BOBOS01018D
100 HIGH STREET
PORTSMOUTH, NH 03801

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1

NEW HAMPSHIRE 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	NH STATE BUILDING CODE/2015 IBC W/ BCR 300 AMENDMENTS
MECHANICAL	NH STATE BUILDING CODE/2015 IMC W/ BCR 300 AMENDMENTS
ELECTRICAL	2017 NEC W/ BCR 300 AMENDMENTS

SITE PHOTO



DIRECTIONS

DIRECTIONS FROM BOSTON LOGAN AIRPORT: FROM BOSTON TAKE RT-1A NORTH. STAY STRAIGHT ONTO RT-60 NORTH. MERGE ONTO RT-1 NORTH. MERGE ONTO I-95 NORTH. TAKE I-95 NORTH EXIT FOR WOODBURY AVE. TURN RIGHT ONTO WOODBURY AVE. STAY RIGHT TOWARDS US1 BYPASS. TAKE FIRST EXIT FOR MAPLEWOOD AVE. TURN LEFT ONTO HANOVER ST. BUILDING WILL BE ON LEFT AT 100 HIGH ST.

VICINITY MAP



UNDERGROUND SERVICE ALERT
UTILITY NOTIFICATION CENTER OF RHODE ISLAND
(888) 344-7233
WWW.DIGSAFE.COM



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.

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. CONTRACTOR TO VERIFY WITH DISH Wireless L.L.C. C.M. THE LOCATION OF THE POWER AND FIBER SOURCE PRIOR TO CONSTRUCTION.
4. UTILITY RUBBER MAT TO BE IN STALLED UNDER ALL DISH Wireless L.L.C. EQUIPMENT THAT IS RESTING ON OR AFFIXED TO ROOF MEMBRANE

dish
wireless.

5701 SOUTH SANTA FE DRIVE
LITTLETON, CO 80120

QUALTEK
WIRELESS

QUALTEK WIRELESS INC
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BILLERICA, MA 01821

VRG

VERTICAL RESOURCES GRP.
23 Midstate Dr., #210
Auburn, MA 01501
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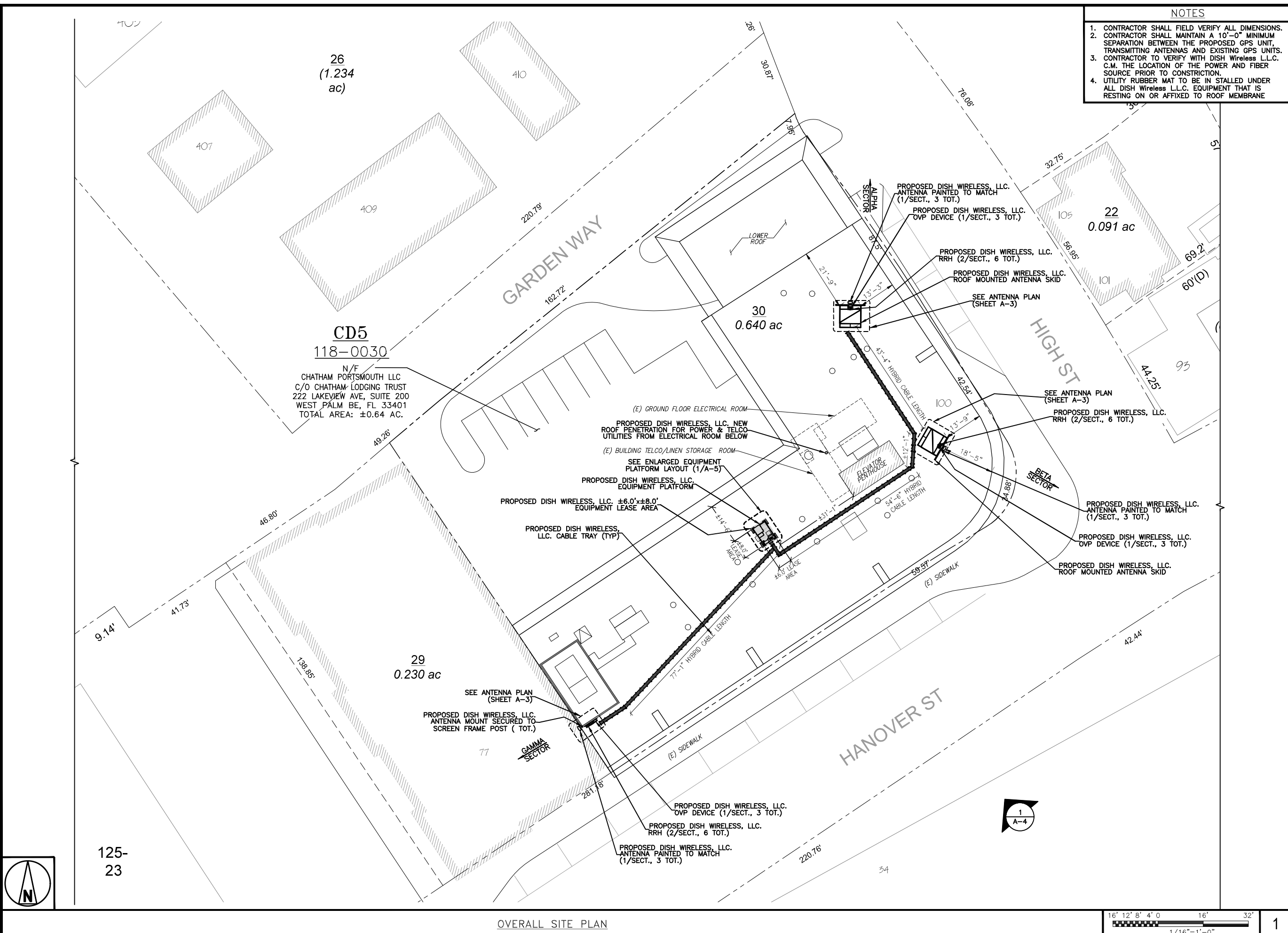
A&E PROJECT NUMBER
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DISH Wireless L.L.C.
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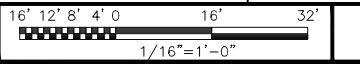
BOBOS01018D
100 HIGH STREET
PORTSMOUTH, NH 03801

SHEET TITLE
OVERALL
SITE PLAN

SHEET NUMBER
A-1



OVERALL SITE PLAN

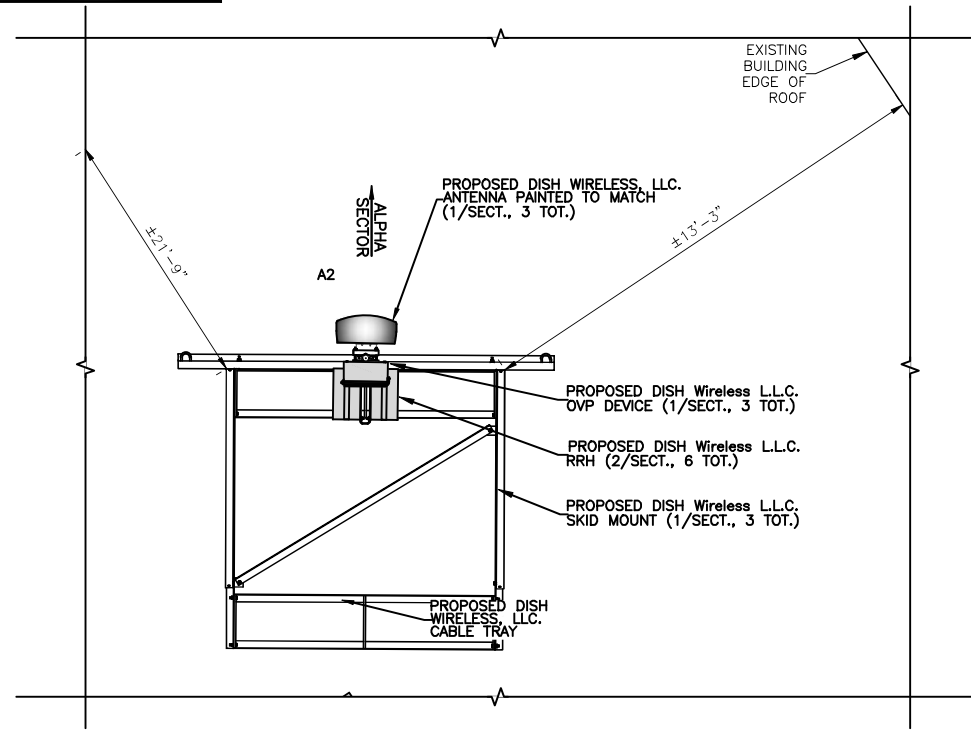


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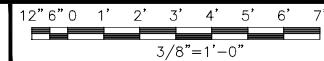


NOTES

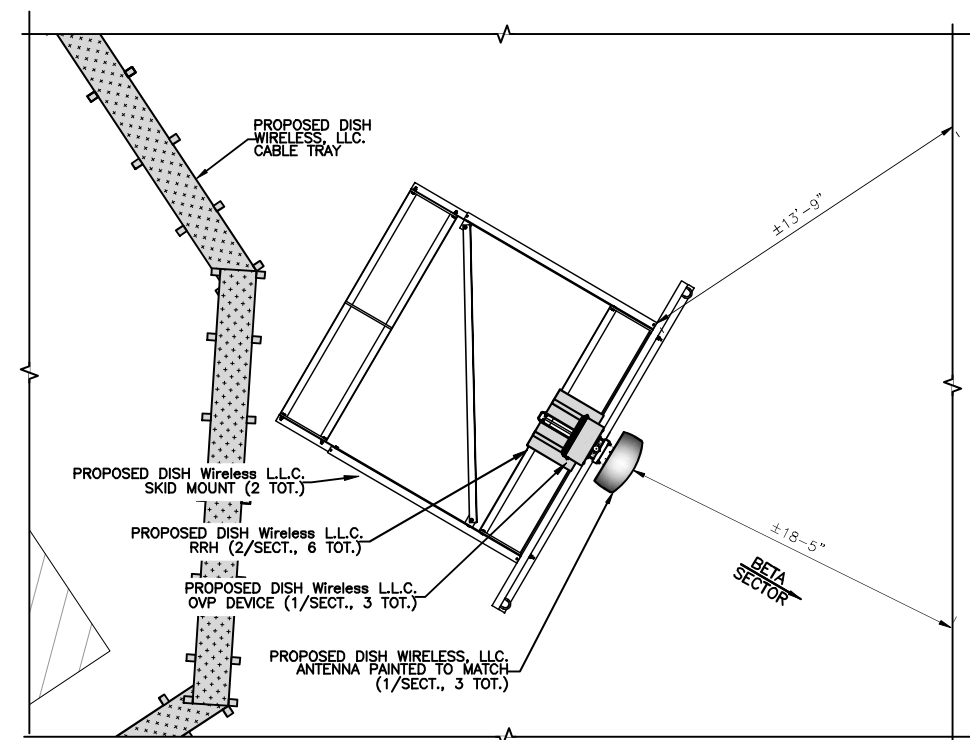
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. ANTENNA AND MW DISH SPECIFICATIONS REFER TO ANTENNA SCHEDULE AND TO FINAL CONSTRUCTION RFDS FOR ALL RF DETAILS
3. EXISTING EQUIPMENT AND FENCE OMITTED FOR CLARITY.
4. ALPHA SECTOR SHOWN TYPICAL FOR BETA AND GAMMA SECTORS.



ANTENNA PLAN - ALPHA SECTOR



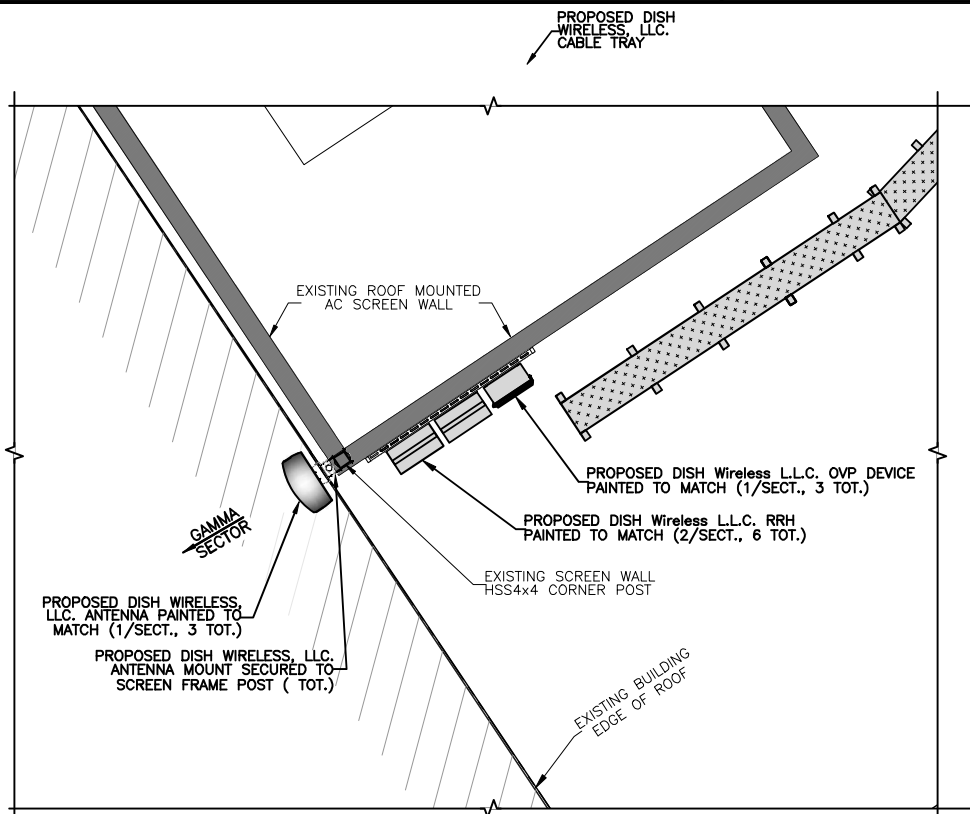
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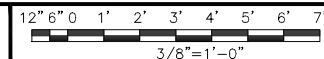
ANTENNA PLAN - BETA SECTOR



2



ANTENNA PLAN - GAMMA SECTOR



3

SECTOR POS.	ANTENNA					TRANSMISSION CABLE FEED LINE TYPE AND LENGTH	RRH			OVP
	EXISTING OR PROPOSED	MANUFACTURER - MODEL NUMBER	TECH	AZIMUTH	RAD CENTER		MANUFACTURER - MODEL NUMBER	TECH	POS.	MANUFACTURER MODEL
A1	--	--	--	--	--	(1) NWS DC CABLE (1) NWS FIBER CABLE (130' LONG)	FUJITSU - TA08025-B604	5G	A2	RAYCAP RDIDC-3045 -PF-48
A2	PROPOSED	JMA - MX08FRO665-21	5G	0°	60°-0"		FUJITSU - TA08025-B605	5G	A2	
A3	--	--	--	--	--		--	--	--	
B1	--	--	--	--	--	(1) NWS DC CABLE (1) NWS FIBER CABLE (80' LONG)	FUJITSU - TA08025-B604	5G	B2	RAYCAP RDIDC-3045 -PF-48
B2	PROPOSED	JMA - MX08FRO665-21	5G	120°	60°-0"		FUJITSU - TA08025-B605	5G	B2	
B3	--	--	--	--	--		--	--	--	
C1	--	--	--	--	--	(1) NWS DC CABLE (1) NWS FIBER CABLE (90' LONG)	FUJITSU - TA08025-B604	5G	C2	RAYCAP RDIDC-3045 -PF-48
C2	PROPOSED	JMA - MX08FRO665-21	5G	240°	60°-0"		FUJITSU - TA08025-B605	5G	C2	
C3	--	--	--	--	--		--	--	--	

NOTES

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.

ANTENNA SCHEDULE

NO SCALE

4



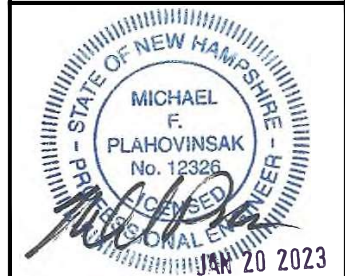
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LITTLETON, CO 80120



QUALTEK WIRELESS INC
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BILLERICA, MA 01821



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PROJECT INFORMATION
BOBOS01018D
100 HIGH STREET
PORTSMOUTH, NH 03801

SHEET TITLE
ANTENNA PLAN,
ELEVATION AND SCHEDULE

SHEET NUMBER
A-2

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dish
wireless.

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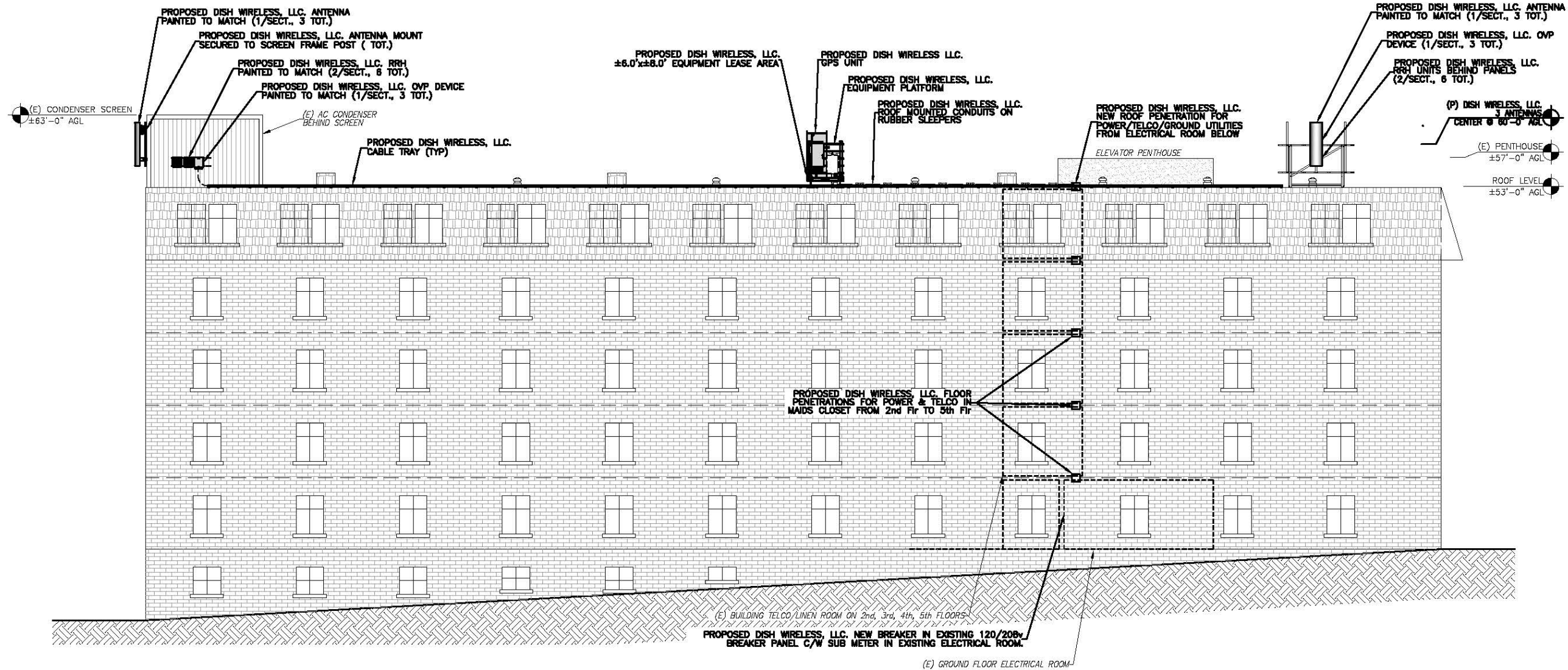
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PROJECT INFORMATION

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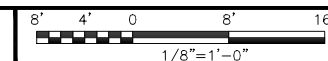
SHEET TITLE
SOUTH EAST
ELEVATION

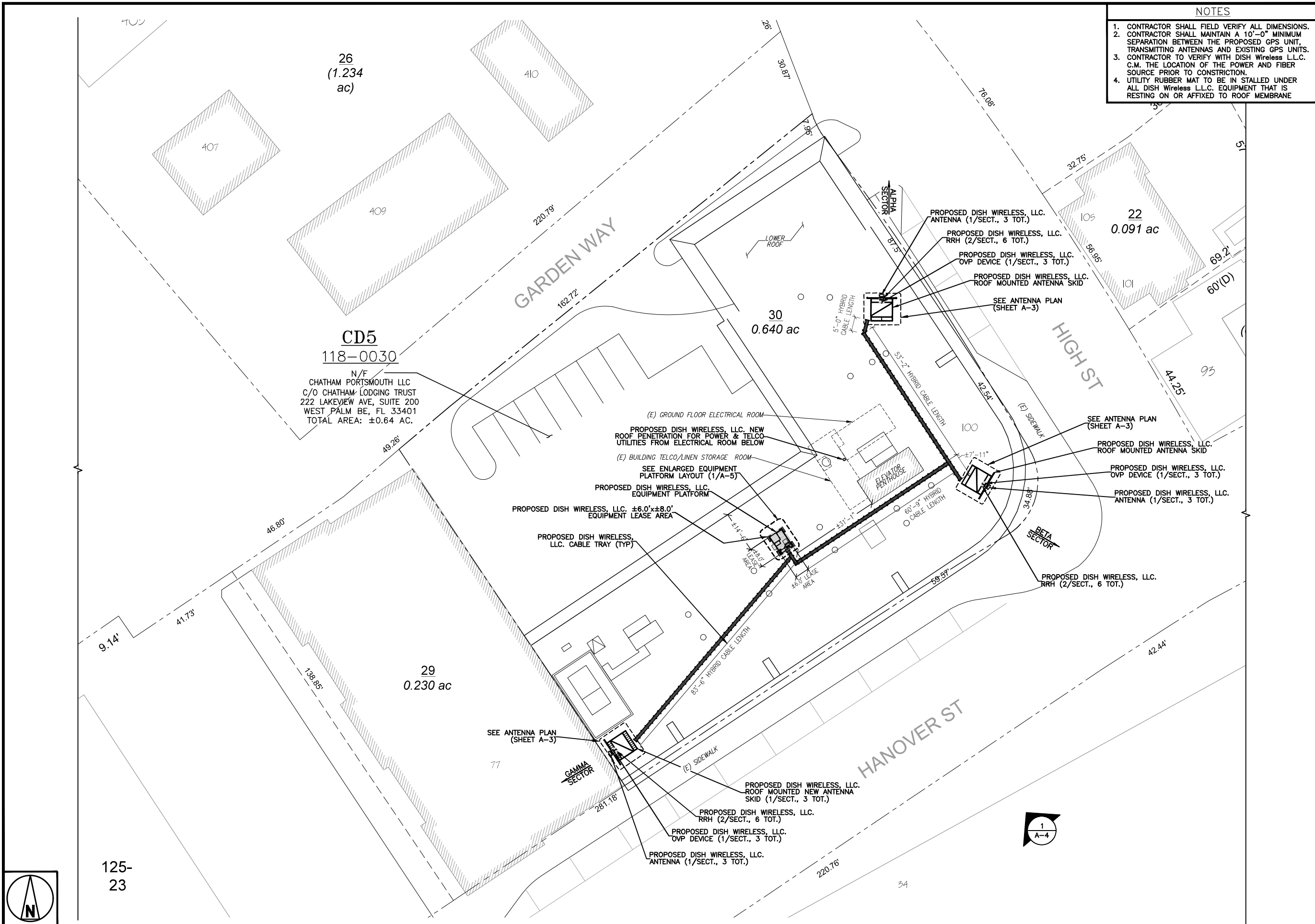
SHEET NUMBER

A-3



BUILDING SOUTH EAST ELEVATION





- NOTES**
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STATE OF NEW HAMPSHIRE
 MICHAEL F. PLAHOVINSK
 No. 12326
 LICENSED PROFESSIONAL ENGINEER
 NOV 29 2022

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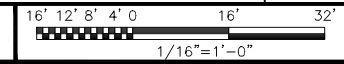
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SHEET TITLE
 OVERALL SITE PLAN

SHEET NUMBER
A-1



OVERALL SITE PLAN



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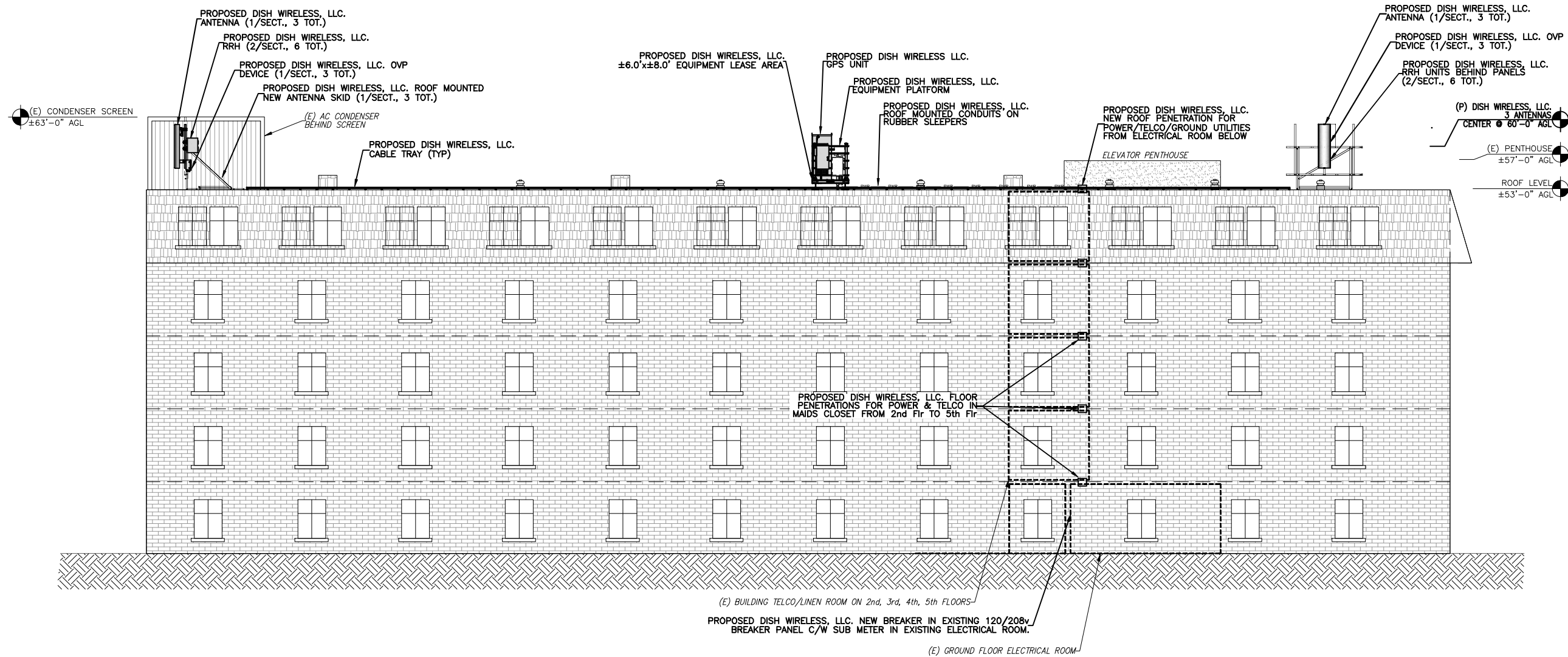
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SOUTH EAST
ELEVATION

SHEET NUMBER

A-3



BUILDING SOUTH EAST ELEVATION

