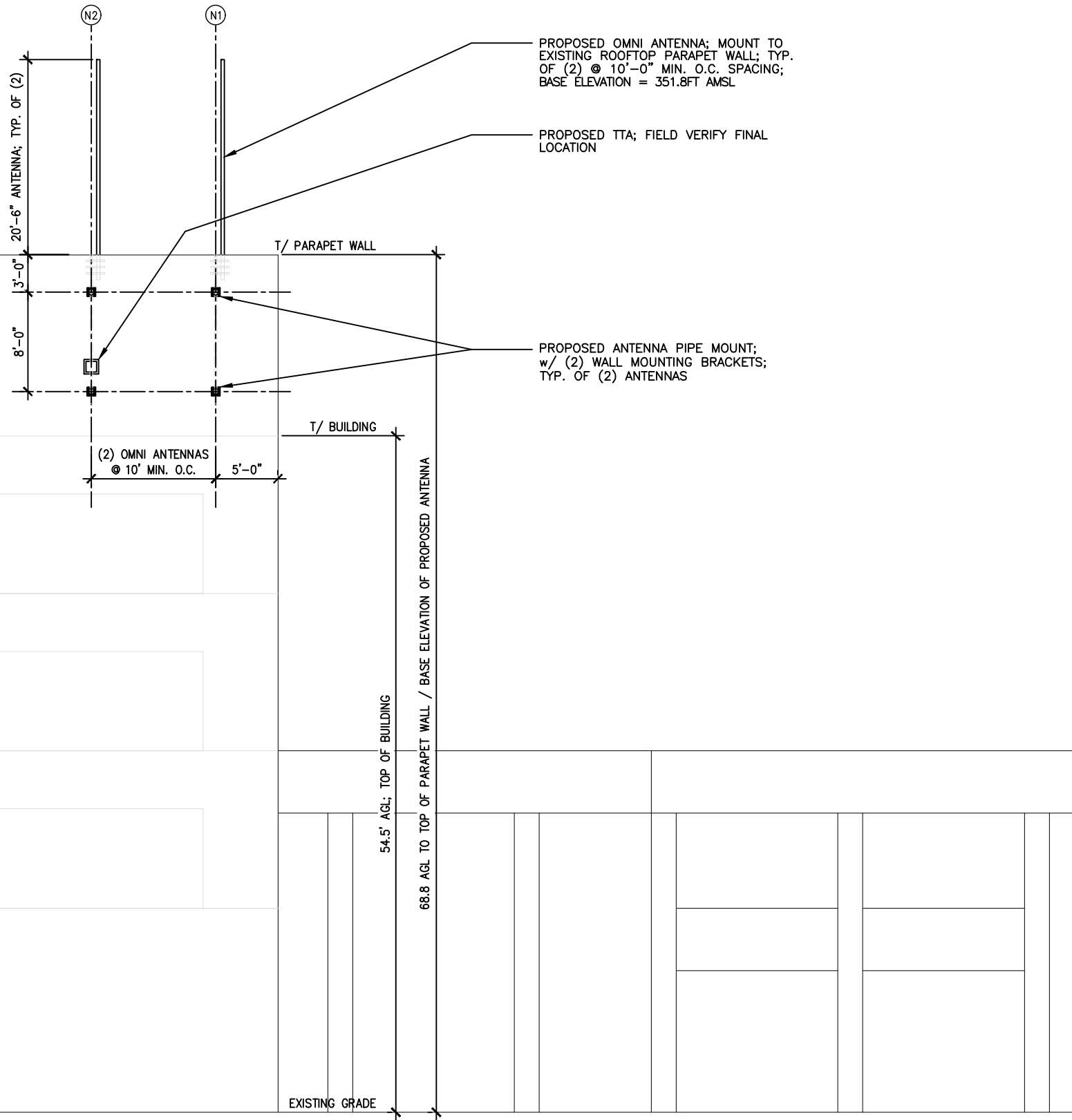


A-1 = 372.3FT AMSL  
ANTENNA TIP ELEV.  
20.5FT ANTENNA LENGTH

WL-1 = 351.8FT AMSL  
ANTENNA BASE ELEV.  
SE CORNER OF BLDG

BC-3 = 337.4FT AMSL  
SE CORNER OF BLDG

GRADE = 283.0FT AMSL  
SE CORNER OF BLDG



# Building Elevation Viewing South

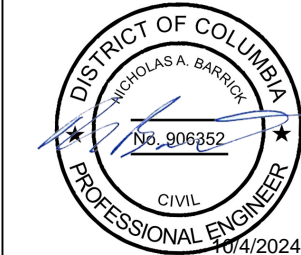
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L	06/18/24	CONSTRUCTION DRAWINGS	TNW	
M	06/24/24	CONSTRUCTION DRAWINGS	TNW	
N	07/15/24	CONSTRUCTION DRAWINGS	TNW	
P	09/10/24	CONSTRUCTION DRAWINGS	TNW	
NO.	DATE	REVISIONS	BY	CHK APP'D

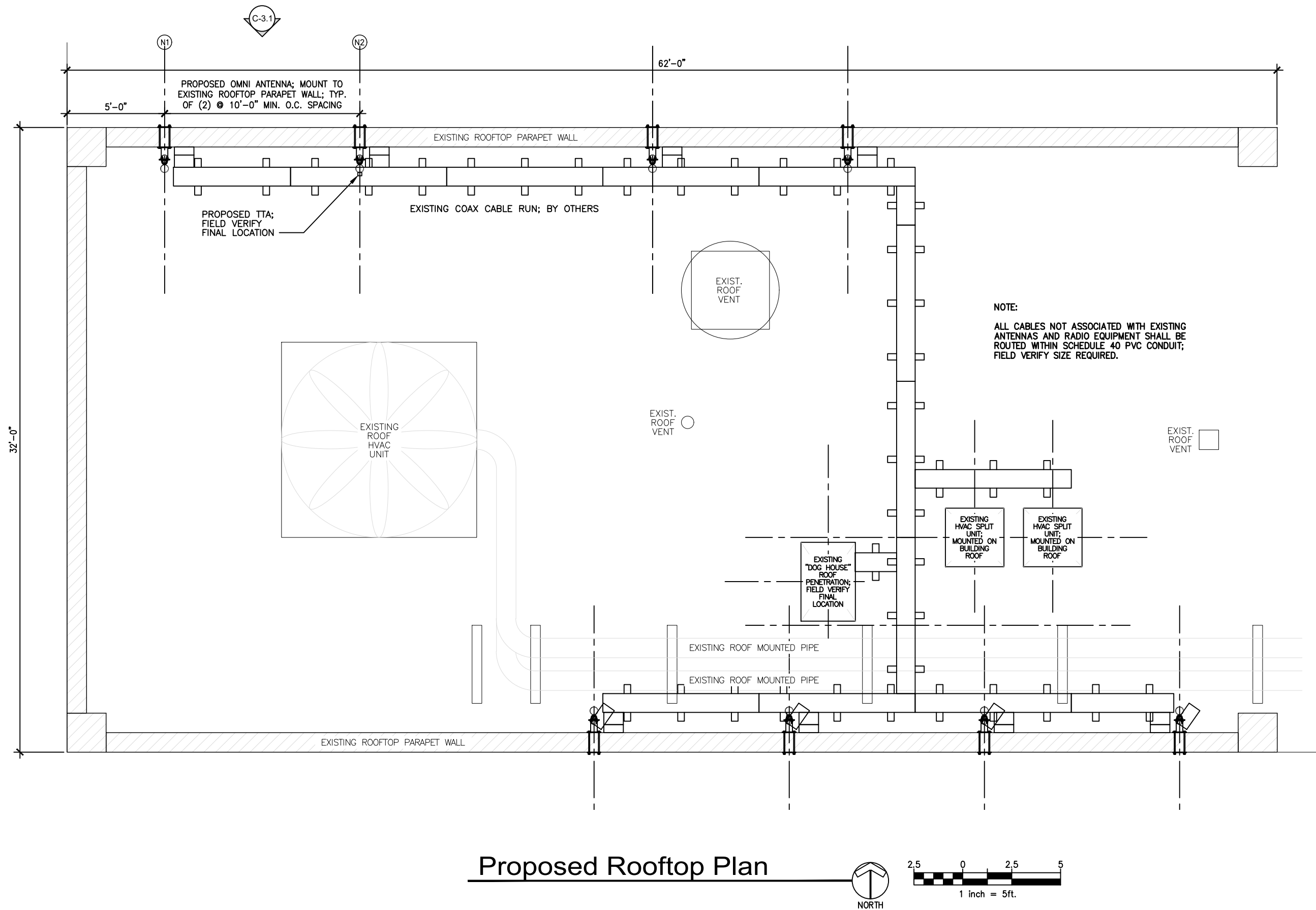


BUILDING ELEVATION	
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C-3.1



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Proposed Rooftop Plan



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P	09/10/24	CONSTRUCTION DRAWINGS	TNW	
NO	DATE	REVISIONS	BY	CHK APP'D



PROPOSED ROOFTOP PLAN  
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UNIVERSITY OF DISTRICT OF COLUMBIA HIGHEST POINT ON BUILDING ROOFTOP = 351.8 AMSL (BC-3) LAT: N 38° 56' 38.29" (NAD 83) (BC-3) LON: W 77° 03' 52.78" (NAD 83)												ANTENNA/APPURTENANCE LOCATION CHART				E = EXISTING			
																N = NEW			
																F = FUTURE			
ANTENNA INFORMATION												FEEDLINE INFORMATION							
ANTENNA ID	MANUFACTURER	MODEL	TYPE	LENGTH	BOTTOM ELEV.	RAD CENTER	TOP ELEV.	MOUNT TYPE	LEG	AZIMUTH	QTY.	TYPE	MODEL	SIZE	QTY.				
N1	RFI	CC807-12-P	OMNI	20.5'±	70.3'	80.6'	90.8'	SITEPRO1 WWM-01	N/A	N/A	1	COAX	AT078J50	7/8"	1				
N2	RFI	CC807-12-P	OMNI	20.5'±	70.3'	80.6'	90.8'	SITEPRO1 WWM-01	N/A	N/A	1	COAX	AT078J50	7/8"	1				
	TX RX SYSTEMS	442-035483	TTA	13"Hx7.5"Wx8.5"D	64.0'±			TBD	N/A	N/A	1	COAX	AT012J50	1/2"	1				

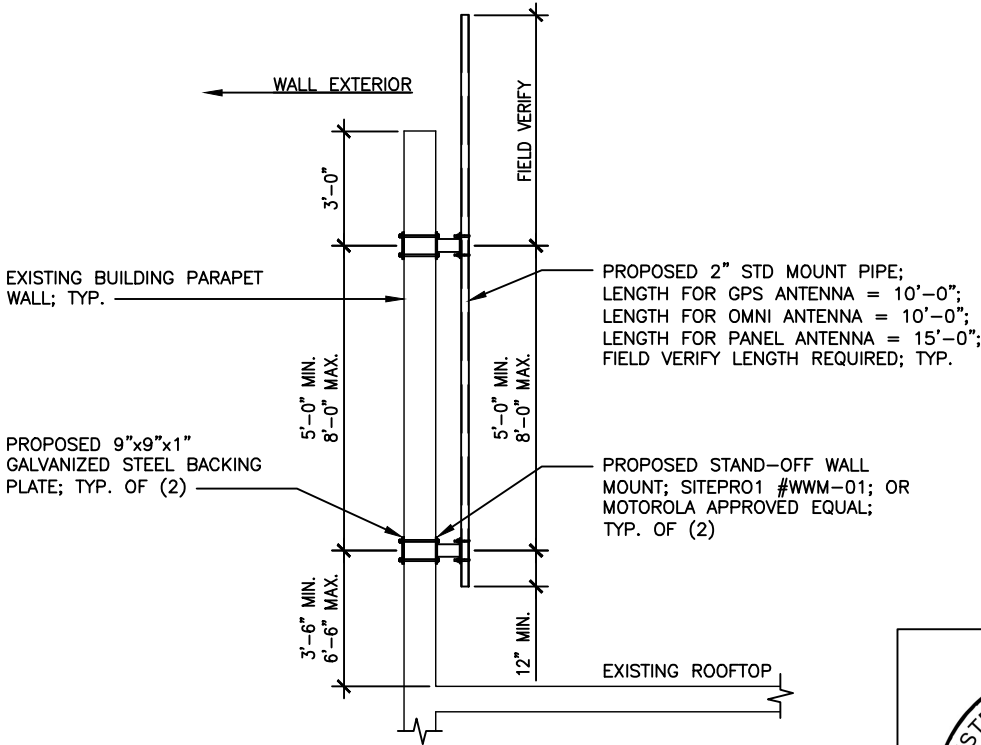
1

Antenna Chart

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GENERAL NOTES:

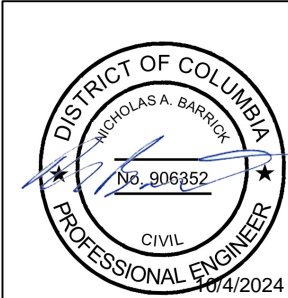
1. ALL VERTICAL TRANSMISSION LINE RUNS FROM THE ANTENNAS SHALL BE GROUNDED PER CODE, BEST PRACTICES, AND R56, WHICHEVER IS MORE STRINGENT. ADDITIONAL TRANSMISSION LINE GROUND KITS SHALL BE INSTALLED AS NEEDED TO LIMIT THE DISTANCE BETWEEN GROUND KITS TO 75 FEET.
2. THE CONTRACTOR SHALL CONDUCT TDR SWEEP TEST(S) ON ALL THE NEWLY INSTALLED LINES, ANTENNAS AND EQUIPMENT AS SPECIFIED BY MOTOROLA TRANSMISSION LINES TO DETERMINE, BUT NOT LIMITED TO, CABLE INSERTION LOSS, REFLECTION & STIMULUS RESPONSE MEASUREMENTS.
3. DRIP LOOPS SHALL BE INCORPORATED IN CABLE RUNS TO PREVENT WATER FROM TRICKLING DOWN THE LINES INTO THE FACILITY.
4. ALL TRANSMISSION LINES SHALL BE MARKED WITH APPROPRIATE COLOR TAPE BANDS (ONE INCH WIDE COLOR TAPE) FOR IDENTIFICATION ON THE ANTENNA AND TTA JUMPER AT BOTH ENDS; ON THE MAINLINE AT THE JUMPER OR TTA CONNECTION; ON THE MAINLINE JUST BEFORE ENTERING THE ROOFTOP "DOG HOUSE" PENETRATION; ON THE MAINLINE INSIDE THE FACILITY AT THE FACILITY EGRESS POINT; AND ON THE MAINLINE BEFORE CONNECTING TO THE SURGE SUPPRESSORS.



2

Mounting Detail

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N	07/15/24	CONSTRUCTION DRAWINGS	TNW		
P	09/10/24	CONSTRUCTION DRAWINGS	TNW		
NO	DATE	REVISIONS	BY	CHK	APP'D



MOTOROLA  
SOLUTIONS



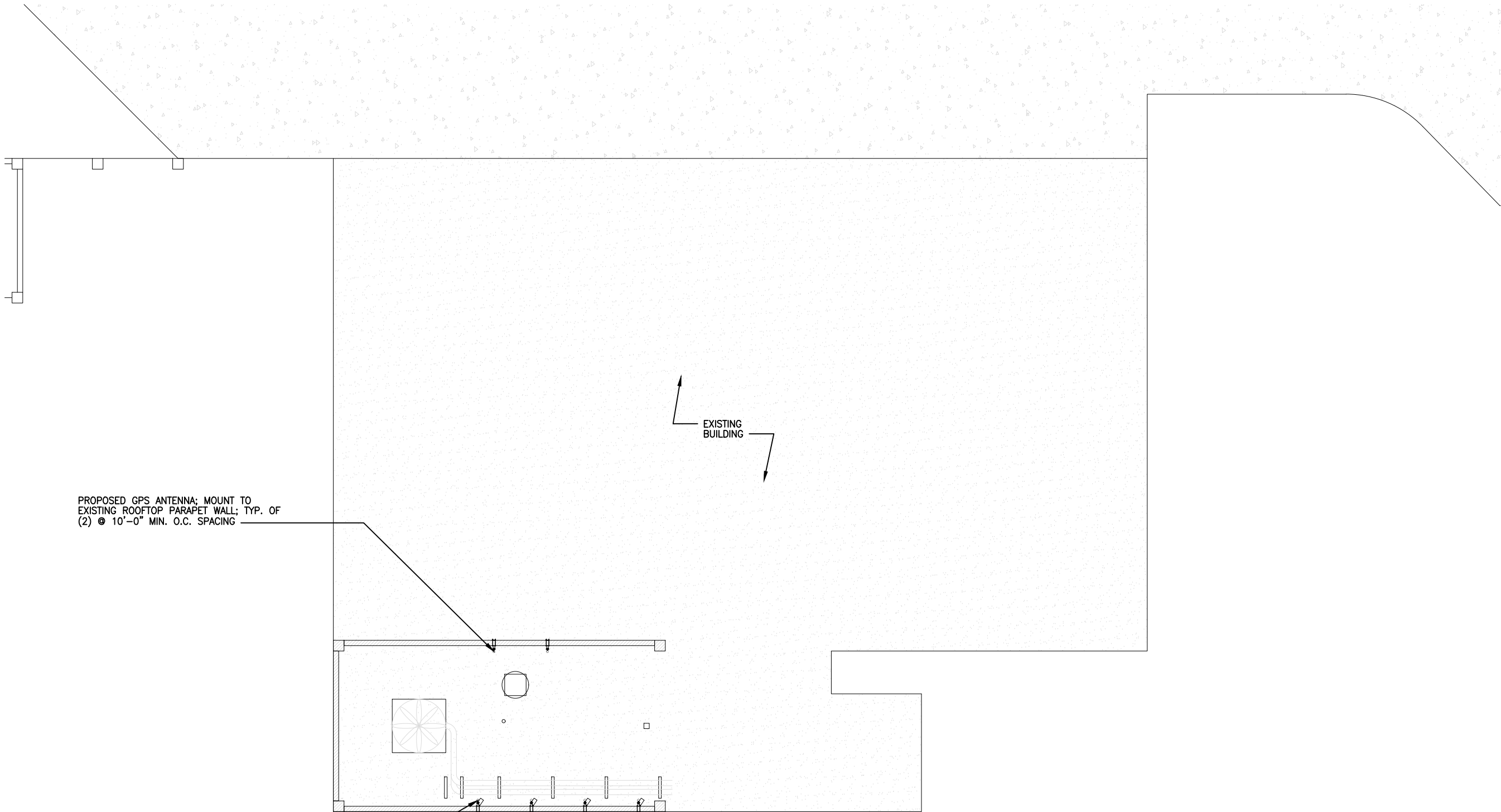
ANTENNA LOCATION CHART AND NOTES

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WASHINGTON, DC 20008

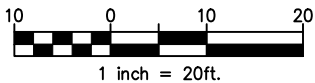
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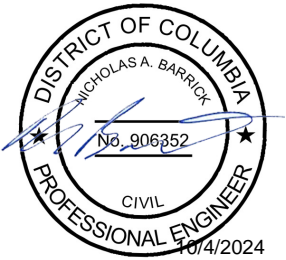


Site Plan



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N	07/15/24	CONSTRUCTION DRAWINGS	TNW		
Δ	08/23/24	REVISED PER COMMENTS	TNW		
Δ	09/06/24	REVISED PER COMMENTS	DMB		
Δ	10/03/24	REVISED PER COMMENTS	DMB		
NO	DATE	REVISIONS			BY CHK APP'D



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SUITE #400  
RALEIGH, NORTH CAROLINA 27609  
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**MOTOROLA**  
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SITE LOCATION PLAN	
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S-1

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