



PROJECT NAME:	NEW ROOFTOP
PROJECT TYPE:	ANTENNA & EQUIPMENT INSTALL
PROJECT SITE No.:	BCC0011A
ADDRESS:	841 CLIFFE AVE., COURTENAY, B.C.

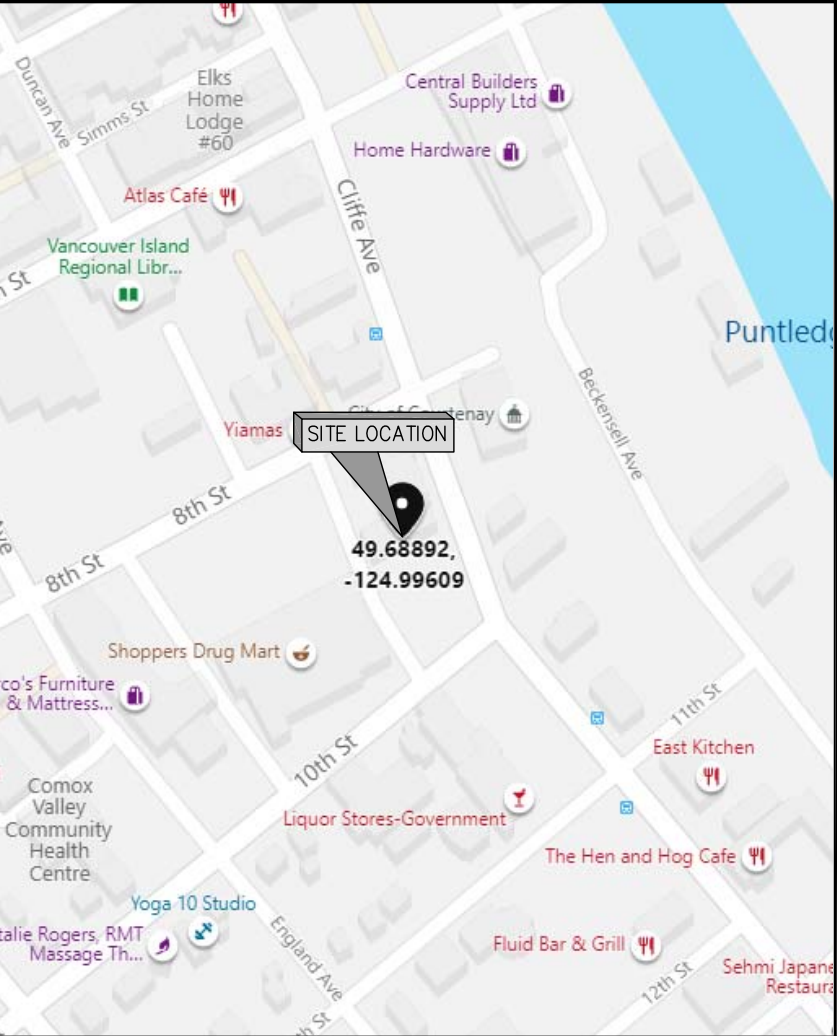


BUILDING PHOTO

[illegible]

COURTESY BING OR GOOGLE MAPS

KEY MAP (NTS)



GEOGRAPHIC COORDINATES

LATITUDE: N 49.68892°
LONGITUDE: W 124.99609°

NOTES:

1. ENSURE ALL ASPECTS OF WORK CONFORM TO FREEDOM MOBILE SPECIFICATIONS.
2. CONTRACTOR TO VERIFY NORTH DIRECTION AND REPORT ANY DISCREPANCIES.
3. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE.
4. READ THESE DRAWINGS IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS.
5. CONTRACTOR TO VERIFY EXISTING CONDITIONS ON SITE PRIOR TO FABRICATION FOR EXACT FIT. NOTIFY CONSULTANT/ENGINEER REGARDING ANY DISCREPANCIES.
6. DO NOT SCALE DRAWINGS.

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ROEHAMPTON WEST

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VANCOUVER - EDMONTON - CALGARY

EQUIPMENT SCHEDULE

RADIO ANTENNA SCHEDULE							
MT.	RADIO ANTENNA			RRU		DC/FIBER LENGTH (m)	STATUS
	SECTOR	MODEL	AZIM.(DEG.)	QTY.	MODEL		
1	1	COMMSCOPE R2V4PX308R	±30°	1/1/1/1/1	FRIJ/AHFIB/AHBCC /AHBOA/AHHB	±26	PROPOSED
	1	COMMSCOPE R2V4PX308R	±30°	1/1/1/1/1	FRIJ/AHFIB/AHBCC /AHBOA/AHHB	±26	PROPOSED
2	1	COMMSCOPE R2V4PX308R	±30°	—	—	±34	FUTURE
3	2	COMMSCOPE R2V4PX308R	±120°	1/1/1/1/1	FRIJ/AHFIB/AHBCC /AHBOA/AHHB	±21	PROPOSED
	2	COMMSCOPE R2V4PX308R	±120°	1/1/1/1/1	FRIJ/AHFIB/AHBCC /AHBOA/AHHB	±21	PROPOSED
4	2	COMMSCOPE R2V4PX308R	±120°	—	—	±15	FUTURE
5	3	COMMSCOPE R2V4PX308R	±210°	1/1/1/1/1	FRIJ/AHFIB/AHBCC /AHBOA/AHHB	±26	PROPOSED
	3	COMMSCOPE R2V4PX308R	±210°	1/1/1/1/1	FRIJ/AHFIB/AHBCC /AHBOA/AHHB	±26	PROPOSED
6	3	COMMSCOPE R2V4PX308R	±210°	—	—	±21	FUTURE
7	4	COMMSCOPE R2V4PX308R	±300°	1/1/1/1/1	FRIJ/AHFIB/AHBCC /AHBOA/AHHB	±31	PROPOSED
	4	COMMSCOPE R2V4PX308R	±300°	1/1/1/1/1	FRIJ/AHFIB/AHBCC /AHBOA/AHHB	±31	PROPOSED
8	4	COMMSCOPE R2V4PX308R	±300°	—	—	±27	FUTURE
JUMPERS = LDF4 DC=1/2–3/4” FIBER = 3/8”–1/2” DC/FIBER LENGTH=FROM EQUIPMENT TO RRU LOCATION							

MICROWAVE SCHEDULE					
MT.	RADIO ANTENNA			CABLE LENGTH (m)	STATUS
	#	MODEL (SIZE)	AZIMUTH(DEG.)		
2	1	2’ DIA.	±TBD°	±34	PROPOSED
4	2	2’ DIA.	±TBD°	±15	PROPOSED
6	3	2’ DIA.	±TBD°	±21	PROPOSED
8	4	2’ DIA.	±TBD°	±27	PROPOSED

CLIENT:

CARRIER:



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NOTES

1. CONTRACTOR IS RESPONSIBLE TO MAKE PROVISION TO SUPPORT OR WORK AROUND EXISTING BUILDING STRUCTURES, EXISTING EQUIPMENTS, PIPES AND CABLE ROUTES .
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL MEASUREMENTS AT SITE BEFORE PROCEEDING WITH FABRICATION AND INSTALLATION OF ANY MATERIALS. ANY DISCREPANCIES TO BE REPORTED TO THE DESIGN ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
3. THESE DRAWINGS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT ALL WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, TECHNIQUES, SEQUENCES AND PROCEDURES.
4. ALL WORK TO BE COMPLETED IN ATMOSPHERIC CONDITIONS THAT WILL NOT IMPACT THE STRUCTURAL CAPACITY OF ANY PART OF THE EXISTING BUILDING STRUCTURE.

LEGEND

NORTH ARROW		MOUNT #	– PROPOSED MT#
DETAIL TITLE		PROPOSED ANTENNA	SECTOR #1 Az: 0°
SECTION/DETAIL		EXISTING ANTENNA	SECTOR #1 Az: 0°
PARTIAL DETAIL		EXISTING ANTENNA OTHER CARRIER	
REVISION CLOUD		PLAN VIEW ANTENNA DESCRIPTION	PROPOSED KRE ELEV.= Az.
PROPOSED INSTALLATION		ELEVATION MARKER	T/O LOWER PH = 50m

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0	LS	PRELIMINARY	08 JAN 21
NO.	BY	DESCRIPTION	DATE

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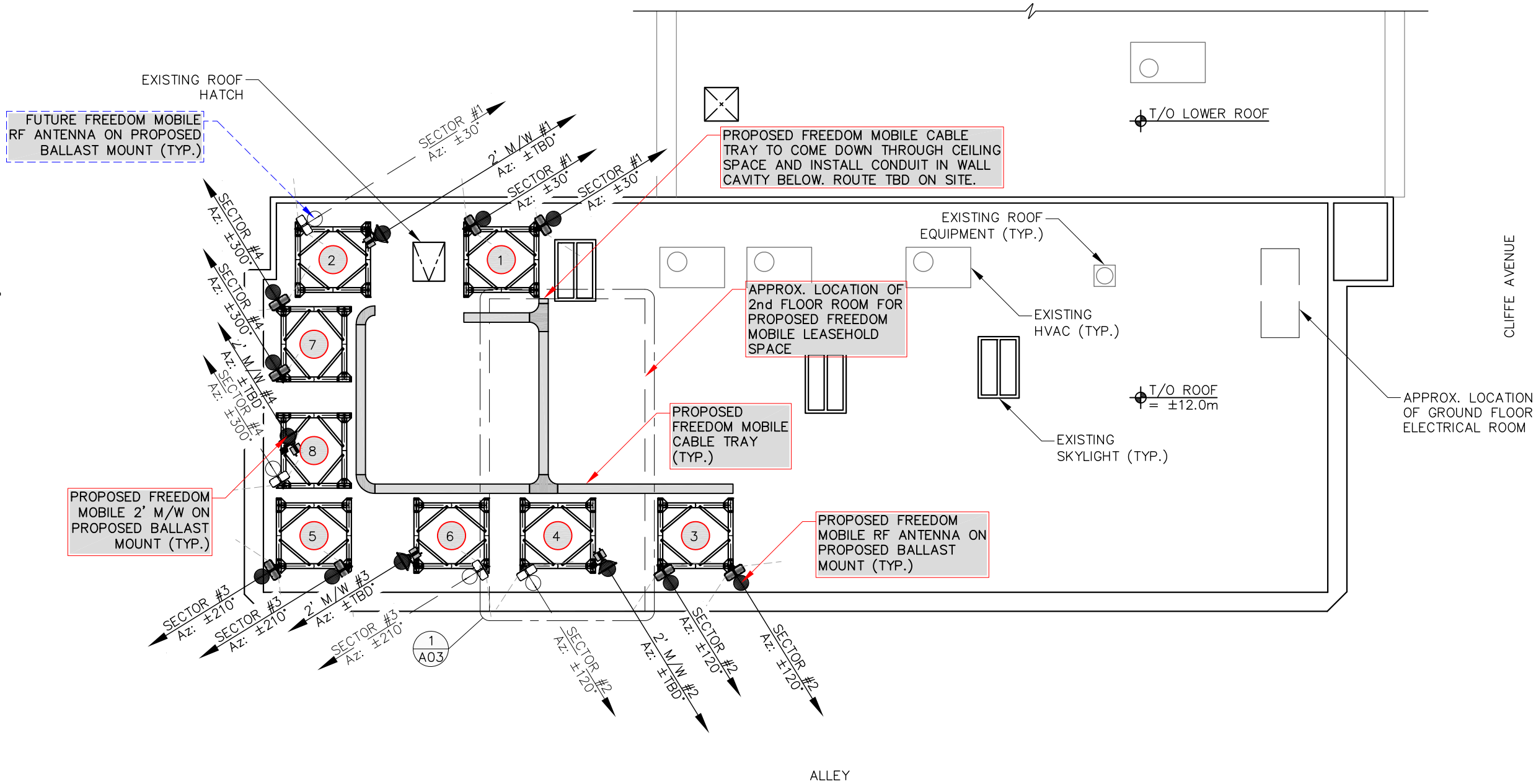
LOCATION:
841 CLIFFE AVE., COURTENAY, B.C.

TITLE:
REFERENCE SHEET/LOADING

PROJECT NAME:
NEW ROOFTOP

PROJECT NO:
BCC0011A

DWG. NO:
A01



NOTES:

1. SEISMIC ANCHORS FOR BALLAST MOUNTS WILL BE REQUIRED.
2. LEASEHOLD ROOM FOR EQUIPMENTS ON 2ND FLOOR.
3. POWER FROM GROUND FLOOR ELECTRICAL ROOM.

1 ROOF PLAN

NOTES:

1. DO NOT SCALE DRAWINGS. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
2. ONLY RELEVANT INFORMATION FOR THE PROPOSED PROJECT SHOWN ON THESE DRAWINGS.
3. EXISTING ROOF PLAN WAS OBTAINED FROM SITE VISIT DATED 14 OCT 20.

- PROPOSED MT#

CLIENT:

CARRIER:



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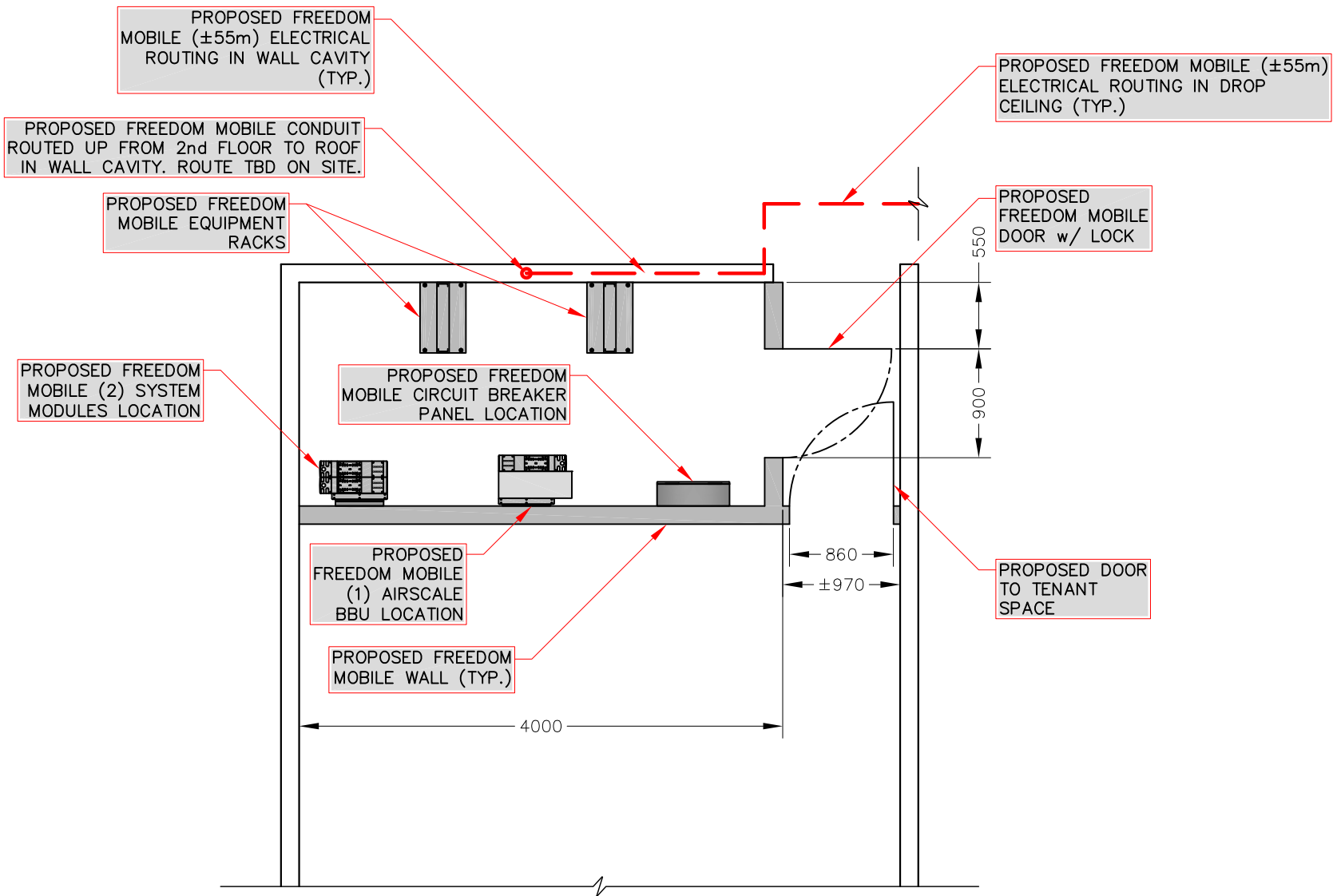
LOCATION:
841 CLIFFE AVE., COURTENAY, B.C.

TITLE:
ROOF PLAN

PROJECT NAME:
NEW ROOFTOP

PROJECT NO:
BCC0011A

DWG. NO:
A02



NOTES:

1. LEASEHOLD AREA TO BE CLEARED OF SHELVES & OBJECTS w/ LANDLORD APPROVAL.

1 EQUIPMENT PLAN– 2nd FLOOR ROOM

- NOTES:
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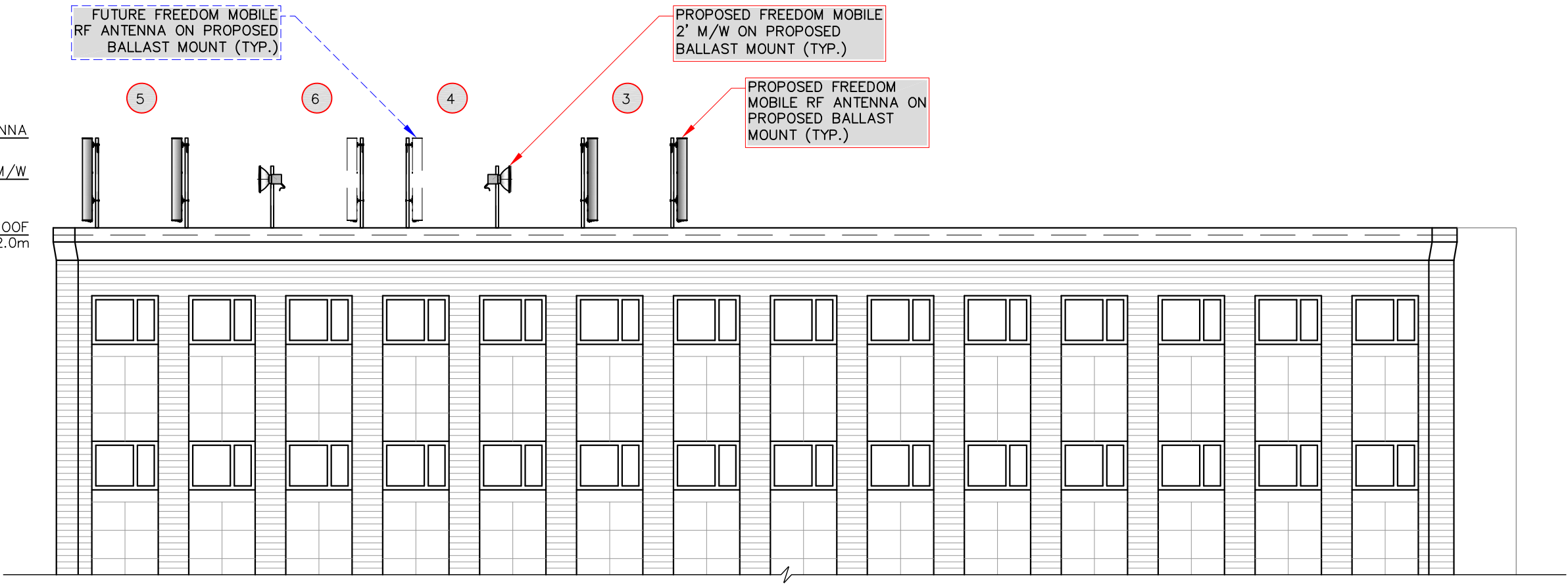
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LOCATION:
841 CLIFFE AVE., COURTENAY, B.C.

TITLE:
EQUIPMENT PLAN

PROJECT NAME: NEW ROOFTOP	PROJECT NO: BCC0011A	DWG. NO: A03
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1. PROPOSED ANTENNA, M/W, MOUNTS, CABLE TRAYS, & CONDUITS TO BE PAINTED TO MATCH EXISTING BUILDING EXTERIOR.



1 PARTIAL SOUTHEAST ELEVATION

NOTES:
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CLIENT:

CARRIER:



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LOCATION:
841 CLIFFE AVE., COURTENAY, B.C.

TITLE:
PARTIAL SOUTHEAST ELEVATION


PROJECT NAME: NEW ROOFTOP	PROJECT NO: BCC0011A	DWG. NO: A04
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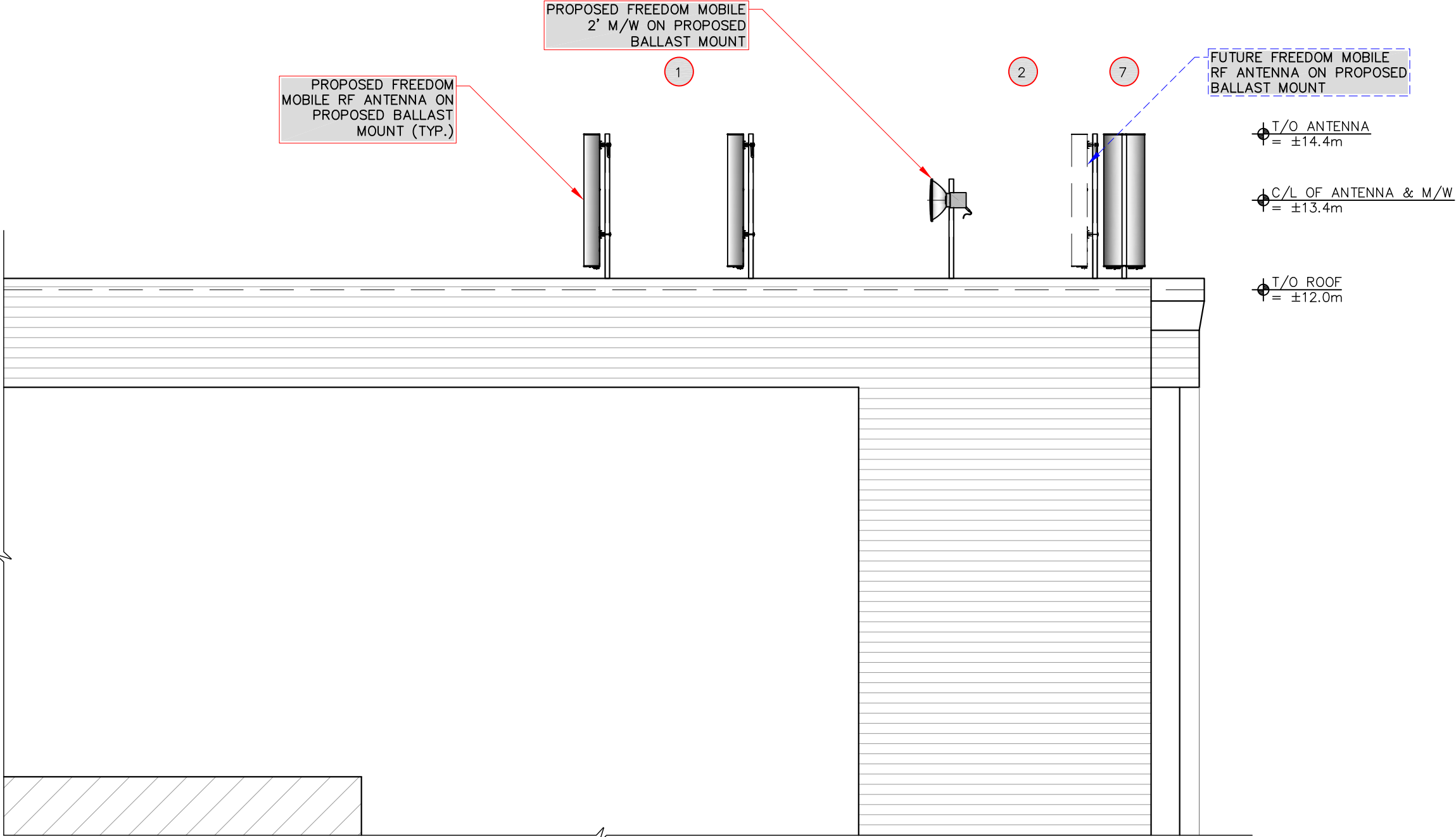
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PROJECT NAME: NEW ROOFTOP	PROJECT NO: BCC0011A	DWG. NO: A05
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1. PROPOSED ANTENNA, M/W, MOUNTS, CABLE TRAYS, & CONDUITS TO BE PAINTED TO MATCH EXISTING BUILDING EXTERIOR.



1 PARTIAL NORTHWEST ELEVATION

NOTES:
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CLIENT:

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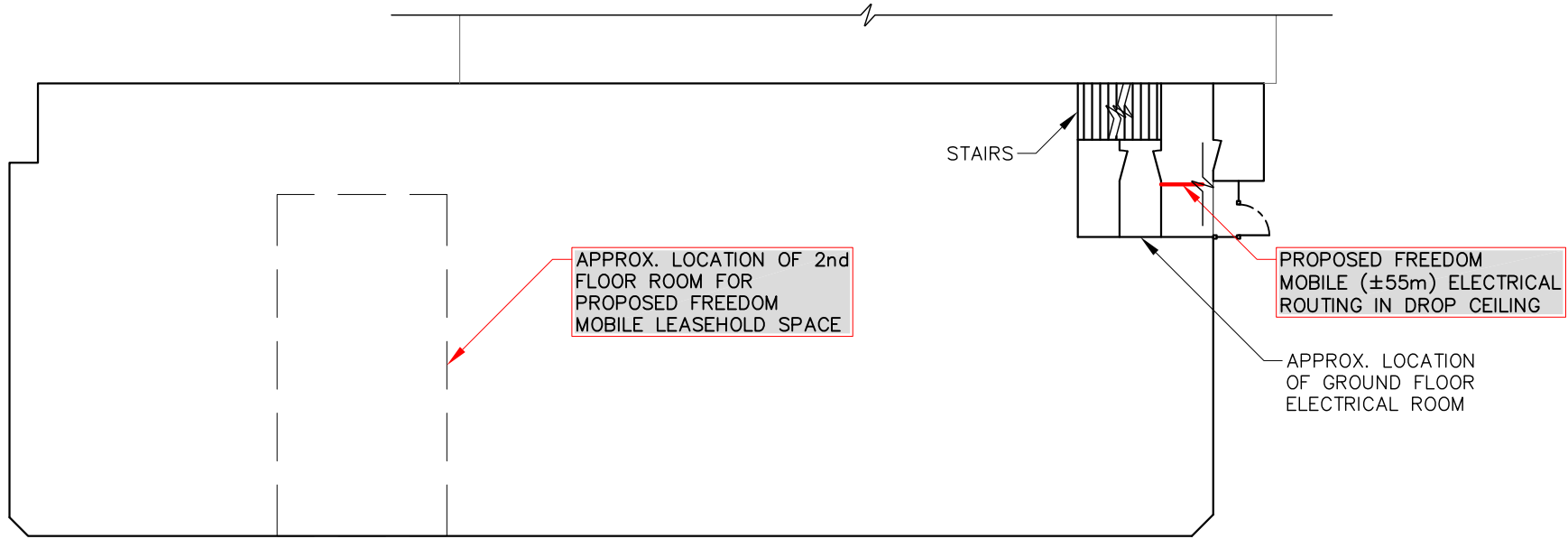
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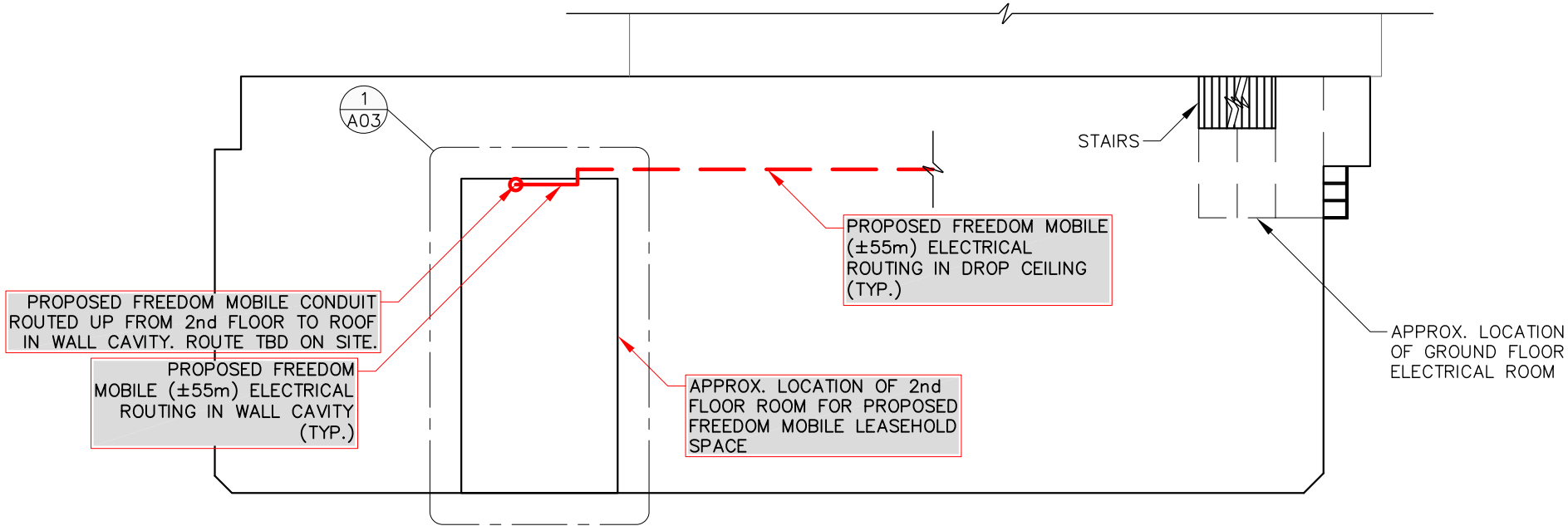
TITLE:
PARTIAL NORTHWEST ELEVATION

PROJECT NAME: NEW ROOFTOP	PROJECT NO: BCC0011A	DWG. NO: A06
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1 ELECTRICAL ROUTING- GROUND FLOOR



2 ELECTRICAL ROUTING- 2nd FLOOR

NOTES:

1. CABLE ROUTING FROM GROUND FLOOR TO 2nd FLOOR ROOM TO BE INTERNAL. ROUTING TBD BASED ON SITE CONDITIONS.
2. ALL ROUTING SUBJECT TO CHANGE AT LANDLORD'S REQUEST.
3. ALL ROUTING SUBJECT TO CHANGE BASED ON OBSTRUCTIONS.

NOTES:

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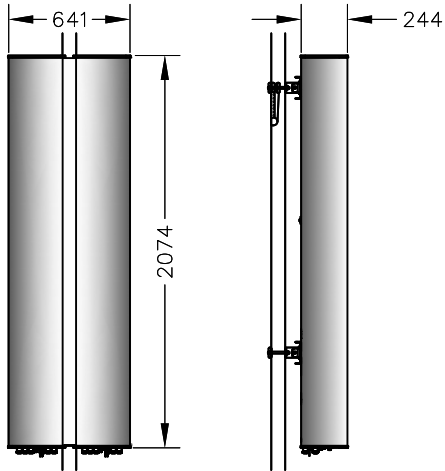
TITLE:
ELECTRICAL ROUTING

PROJECT NAME: NEW ROOFTOP	PROJECT NO: BCC0011A	DWG. NO: E01
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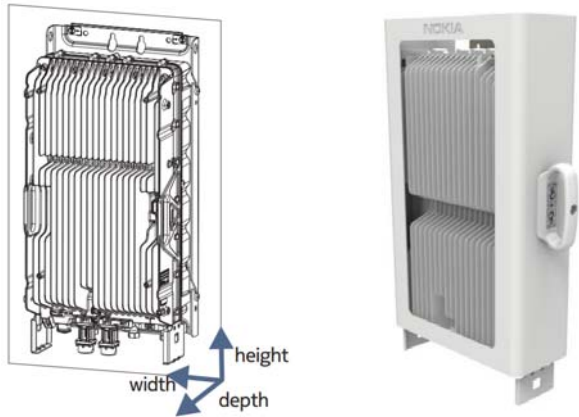


1 RELAY RACK UNIT
N.T.S.

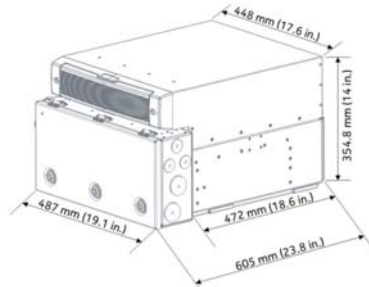


COMMSCOPE R2V4PX308R
Height/Width/Depth: 2074x641x244mm
Weight: 60.0kg

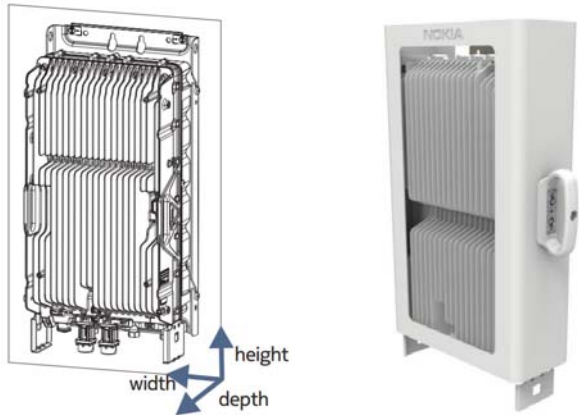
2 RF ANTENNA DETAIL
N.T.S.



AHBOA
Height/Width/Depth: 675x327x205mm
Weight: 38kg



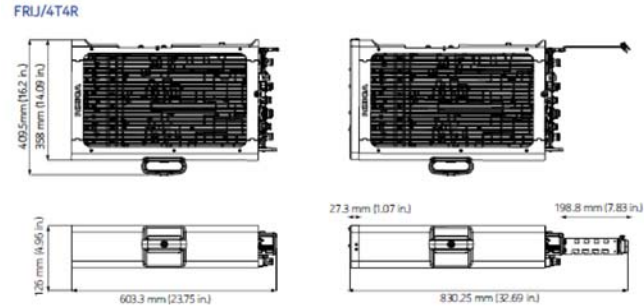
AIRSCALE BBU
Height/Width/Depth: 487x605x355mm
Weight: 30kg



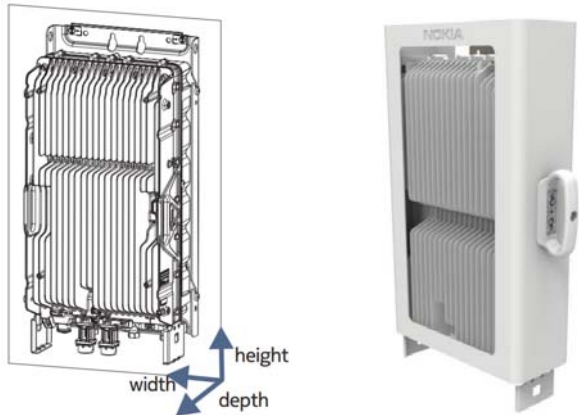
AHFIB
Height/Width/Depth: 675x327x165mm
Weight: 30kg



AHHB
Height/Width/Depth: 337x295x141mm
Weight: 15.7kg

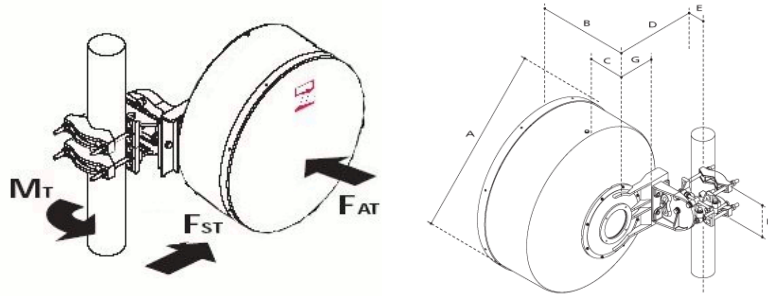


FRUJ
Height/Width/Depth: 603x126x409mm
Weight: 24.5kg



AHBCC
Height/Width/Depth: 675x327x205mm
Weight: 38kg

3 RRU's
N.T.S.



4 M/W ANTENNA DIMENSIONS CHART
N.T.S.

MODEL	ØA	B	C	ØD FOR MOUNTING PIPE DIAM.				E	F	NET WEIGHT (kg)
				219 (8.5)	114 (4.5)	89 (3.5)	51 (2.0)			
SC2-XXXXA(CONT.)	670 (26.4)	293 (11.5)	254 (10)	-	293 (11.4)	293 (11.4)	293 (11.4)	123 (4.8)	100 (3.9)	9
SBX2-190CB (CONT.)	700 (28)	289 (11.5)	114 (4.5)	-	371 (14.6)	357 (14.0)	333 (13.1)	99 (3.9)	146 (5.7)	9
SBX2-220CB (CONT.)	700 (28)	289 (11.5)	114 (4.5)	-	371 (14.6)	357 (14.0)	333 (13.1)	99 (3.9)	146 (5.7)	9
SBX3-190AB (CONT.)	970 (38.3)	500 (19.8)	170 (6.8)	-	317 (12.5)	299 (11.8)	299 (11.8)	100 (3.9)	365 (14.4)	18
SBX3-220AB (CONT.)	970 (38.3)	500 (19.8)	170 (6.8)	-	317 (12.5)	299 (11.8)	299 (11.8)	100 (3.9)	365 (14.4)	18
SBX4-190AB (CONT.)	1262(49.7)	631 (24.9)	248 (9.8)	-	365 (14.4)	-	-	115 (4.5)	365 (14.4)	35
UXA2-190CB (CONT.)	700 (28)	389 (15.4)	114 (4.5)	-	371 (14.6)	357 (14.0)	333 (13.1)	99 (3.9)	146 (5.7)	15
UXA4-190BB (CONT.)	1313(51.7)	816 (32.1)	248 (9.8)	-	365 (14.4)	-	-	115 (4.5)	365 (14.4)	40
UXA4-220BB (CONT.)	1313(51.7)	248 (9.8)	248 (9.8)	-	365 (14.4)	-	-	115 (4.5)	365 (14.4)	40

CLIENT:

CARRIER:



Signature

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