

ATTACHMENT D TOWER ELEVATIONS & COMPOUND DETAILS



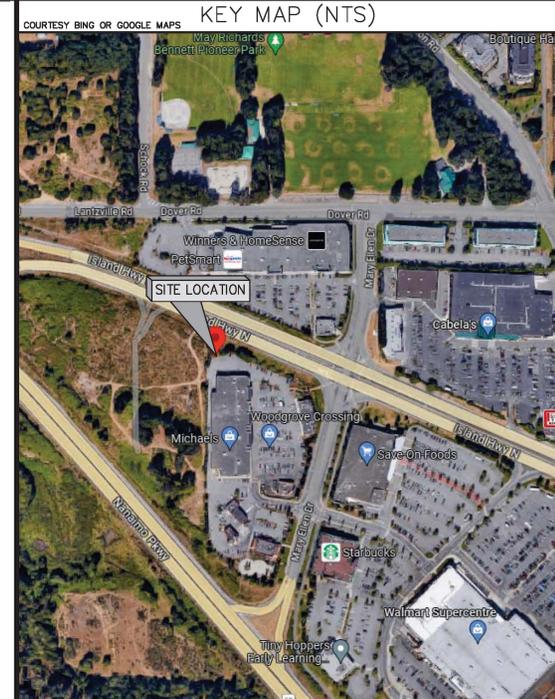
PROJECT NAME:	NEW SITE – GREENFIELD
PROJECT TYPE:	30m MONOPOLE TOWER & EQUIPMENT INSTALLATION
PROJECT SITE No.:	W5729–C – WOODGROVE CENTRE
TOWER OWNER:	ROGERS
ADDRESS:	6675 MARY ELLEN DRIVE, NANAIMO, BC

DRAWING INDEX			
SHEET	DRAWING DESCRIPTION	NO.	DATE
COV.	TITLE SHEET & SITE KEY PLAN	5	23 OCT 24
A01	TOWER PROFILE	5	23 OCT 24
A02	ANTENNA ORIENTATION PLANS	1	12 DEC 23
A03	SITE PLAN	5	23 OCT 24
A03A	SITE PLAN – CLOSE-UP	5	23 OCT 24
A04	COMPOUND PLAN	5	23 OCT 24
E01	ELECTRICAL ROUTING	5	23 OCT 24

ISSUE		
NO.	ISSUE	DATE
0	PRELIMINARY	16 NOV 23
1	RF QUAL UPDATE	12 DEC 23
2	CLIENT COMMENT	12 JAN 24
3	TOWER LOCATION UPDATE	08 JUL 24
4	CLIENT COMMENTS	16 JUL 24
5	CLIENT COMMENTS	23 OCT 24



SITE PHOTO



GEOGRAPHIC COORDINATES	
LATITUDE:	N 49.240325°
LONGITUDE:	W 124.056122°

UTILITY – CONTACT	
BRITISH COLUMBIA ONE CALL: (BEFORE YOU DIG) 1-800-474-6886	

NOTES:	
1.	ENSURE ALL ASPECTS OF WORK CONFORM TO ROGERS 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.

ROEHAMPTON WEST
 409 GRANVILLE ST,
 SUITE 1051
 VANCOUVER, BC V6C 1T2
 TEL. (778)228-4228
 VANCOUVER | KELOWNA | EDMONTON | CALGARY

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ELEV. ±31.0m

T/O TOWER = ±30.0m

ELEV. ±29.0m

ELEV. ±26.35m

ELEV. ±24.4m

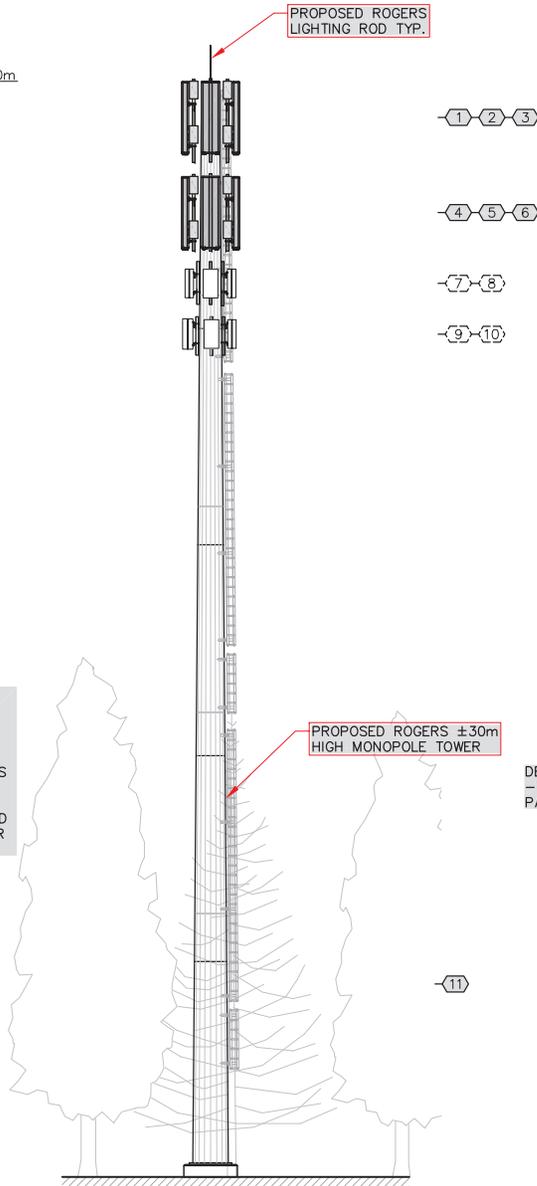
ELEV. ±23.0m

T/O WEST TREES
= ±14m

NOTES:
SURROUNDING
VEGETATION/MATURE
TREES TO BE
RETAINED. IF ANY
VEGETATION OR TREES
WILL REQUIRE
REMOVAL, THIS WILL
NEED TO BE REVIEWED
AND APPROVED PRIOR
TO ANY REMOVAL.

ELEV. ±5.0m

ELEV. ±0.0m

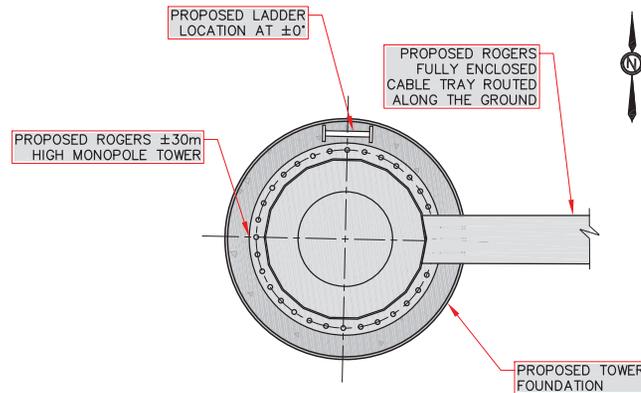


1 TOWER PROFILE

DESIGN SPECIFICATIONS:
-TOWER COLOR TO BE
PAINTED FLAT WHITE.

#	ELEV. (m)	Antennas & Equipment						TX Lines			
		QTY	Ant. ID	Model	Azimuth	MDT (°)	Status	QTY	Type	Length (m)	Status
1	±29.0m	3	LTE - 1/2/3	FFV4S4-65B-R7-V2	40°/160°/280°	0°	PROPOSED	60	JUMPERS	±5.0m	PROPOSED
2	±29.0m	12	-	RRU	-	-	PROPOSED	-	-	-	-
3	±29.0m	3	-	MLUP	-	-	PROPOSED	3	DC	±31.9m	PROPOSED
		3	-	MLUF	-	-	PROPOSED	3	FIBRE	±31.9m	PROPOSED
4	±26.35m	3	OFFSET - 1/2/3	FFV4S4-65B-R7-V2	100°/220°/340°	0°	PROPOSED	60	JUMPERS	±5.0m	PROPOSED
5	±26.35m	12	-	RRU	-	-	PROPOSED	-	-	-	-
6	±26.35m	3	-	MLUP	-	-	PROPOSED	3	DC	±28.9m	PROPOSED
		3	-	MLUF	-	-	PROPOSED	3	FIBRE	±28.9m	PROPOSED
7	±24.4m	3	NR - 1/2/3	AIR 3258	40°/160°/280°	TBD	FUTURE	9	JUMPERS	±5.0m	FUTURE
8	±24.4m	2	-	MLUP	-	-	FUTURE	2	DC	±26.8m	FUTURE
		2	-	MLUF	-	-	FUTURE	2	FIBRE	±26.8m	FUTURE
9	±23.0m	3	NR - A/B/C	AIR 3228	100°/220°/340°	TBD	FUTURE	9	JUMPERS	±5.0m	FUTURE
10	±23.0m	2	-	MLUP	-	-	FUTURE	2	DC	±25.3m	FUTURE
		2	-	MLUF	-	-	FUTURE	2	FIBRE	±25.3m	FUTURE
11	±5.0m	1	GPS - 1	GPSGLONASS-36-N-S	-	-	PROPOSED	1	RG-8U	±6.0m	PROPOSED

TX LINES:	TYPE:	SIZE
JUMPERS	LDF4	1/2"
DC	-	1/2" - 3/4"
FIBRE	-	3/8" - 1/2"



2 TOWER BASE PLAN

- NOTES:
1. TOWER DESIGN IS CONCEPTUAL FOR TENDER PURPOSES AND IS NOT FOR CONSTRUCTION, OBTAIN SITE SPECIFIC WIND FOR FINAL DESIGN.
 2. ALL WORK TO CONFORM TO LATEST ROGERS SPECIFICATIONS.
 3. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
 4. DRAWINGS ARE NOT TO BE SCALED.

CLIENT:

CARRIER:



NO.	BY	DESCRIPTION	DATE
5	NT	CLIENT COMMENTS	23 OCT 24
4	MJ	CLIENT COMMENTS	16 JUL 24
3	AR	TOWER LOCATION UPDATE	08 JUL 24
2	AR	CLIENT COMMENT	12 JAN 24
1	AR	RF QUAL UPDATE	12 DEC 23
0	AR	PRELIMINARY	16 NOV 23

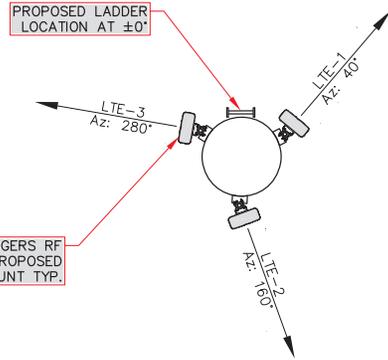
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LOCATION:
6675 MARY ELLEN DRIVE, NANAIMO, BC

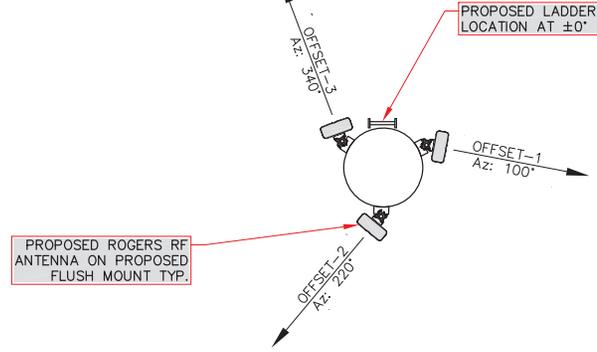
TITLE:
TOWER PROFILE

PROJECT NAME: NEW SITE - GREENFIELD PROJECT NO: W5729-C DWG. NO: A01

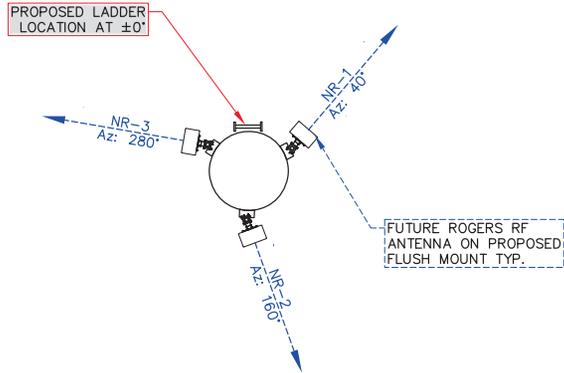
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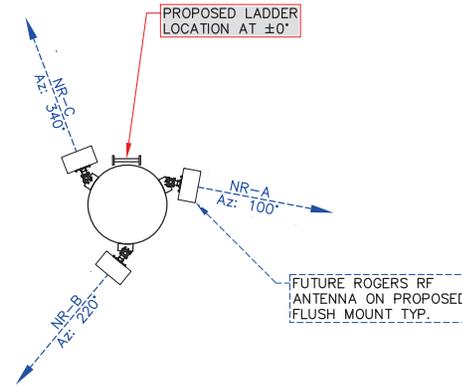
1 ANTENNA LAYOUT @ 29.0m



2 ANTENNA LAYOUT @ 26.35m



3 ANTENNA LAYOUT @ 24.4m



4 ANTENNA LAYOUT @ 23m

NOTES:

1. MOUNTS SHOWN HERE ARE CONCEPTUAL. TOWER DESIGN & MOUNTS TO BE COMPLETED BY OTHERS.

CLIENT:

CARRIER:



5			
4			
3			
2			
1	AR	RF QUAL UPDATE	12 DEC 23
0	AR	PRELIMINARY	16 NOV 23
NO.	BY	DESCRIPTION	DATE



LOCATION:
6675 MARY ELLEN DRIVE, NANAIMO, BC

TITLE:
ANTENNA ORIENTATION PLANS

PROJECT NAME: NEW SITE - GREENFIELD PROJECT NO: W5729-C DWG. NO: A02

EXISTING DRAINAGE DITCH APPROX. LOCATION ~31m NORTH-WEST OF PROPOSED COMPOUND. SEDIMENT CONTROL MIGHT BE REQUIRED DURING CONSTRUCTION

RETAIN AS MUCH SURROUNDING EXISTING TREES AROUND TOWER/COMPOUND AS POSSIBLE

APPROX. LOCATION OF PROPERTY LINE (TYP.)

EXISTING ACCESS ROAD AS PROPOSED ROGERS ACCESS RIGHT OF WAY AREA (±215m)

APPROX. LOCATION OF EXISTING BC HYDRO PMT

EXISTING SHAW PULL-BOX

1 SITE PLAN



NOTES:

1. SITE PLAN OBTAINED FROM GOOGLE MAPS. PROPERTY LINE TO BE CONFIRMED BY SURVEYOR.
2. DO NOT SCALE DRAWINGS. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE.
3. ONLY RELEVANT INFORMATION FOR THE PROJECT SHOWN ON THESE DRAWINGS.

CLIENT:

CARRIER:



5	NT	CLIENT COMMENTS	23 OCT 24
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LOCATION: 6675 MARY ELLEN DRIVE, NANAIMO, BC

TITLE: SITE PLAN

PROJECT NAME: NEW SITE - GREENFIELD	PROJECT NO.: W5729-C	DWG. NO.: A03
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NOTES:
 SURROUNDING VEGETATION/MATURE TREES TO BE RETAINED. IF ANY VEGETATION OR TREES WILL REQUIRE REMOVAL, THIS WILL NEED TO BE REVIEWED AND APPROVED PRIOR TO ANY REMOVAL.

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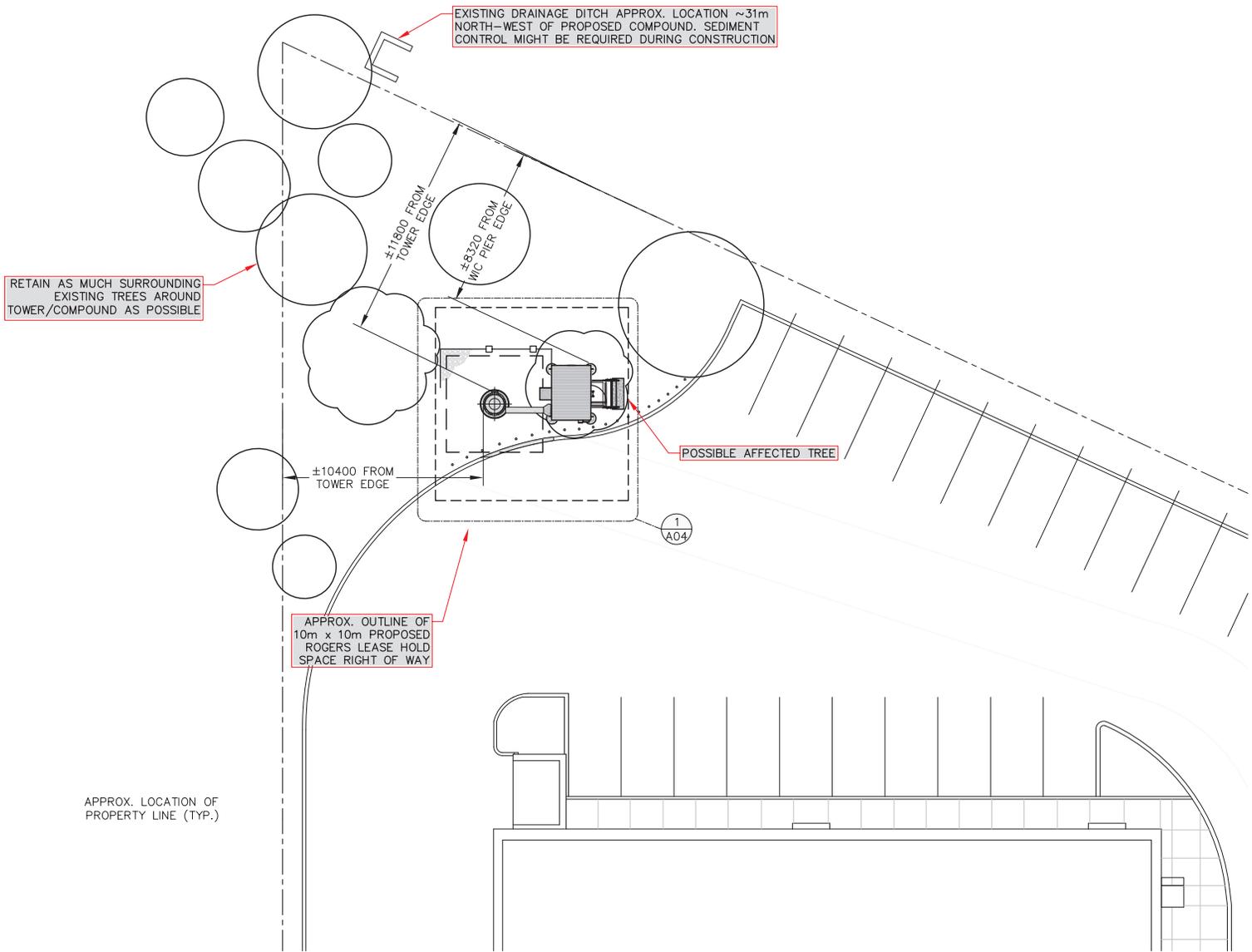
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LOCATION:
 6675 MARY ELLEN DRIVE, NANAIMO, BC

TITLE:
 SITE PLAN - CLOSE-UP

PROJECT NAME: NEW SITE - GREENFIELD PROJECT NO: W5729-C DWG. NO: A03A

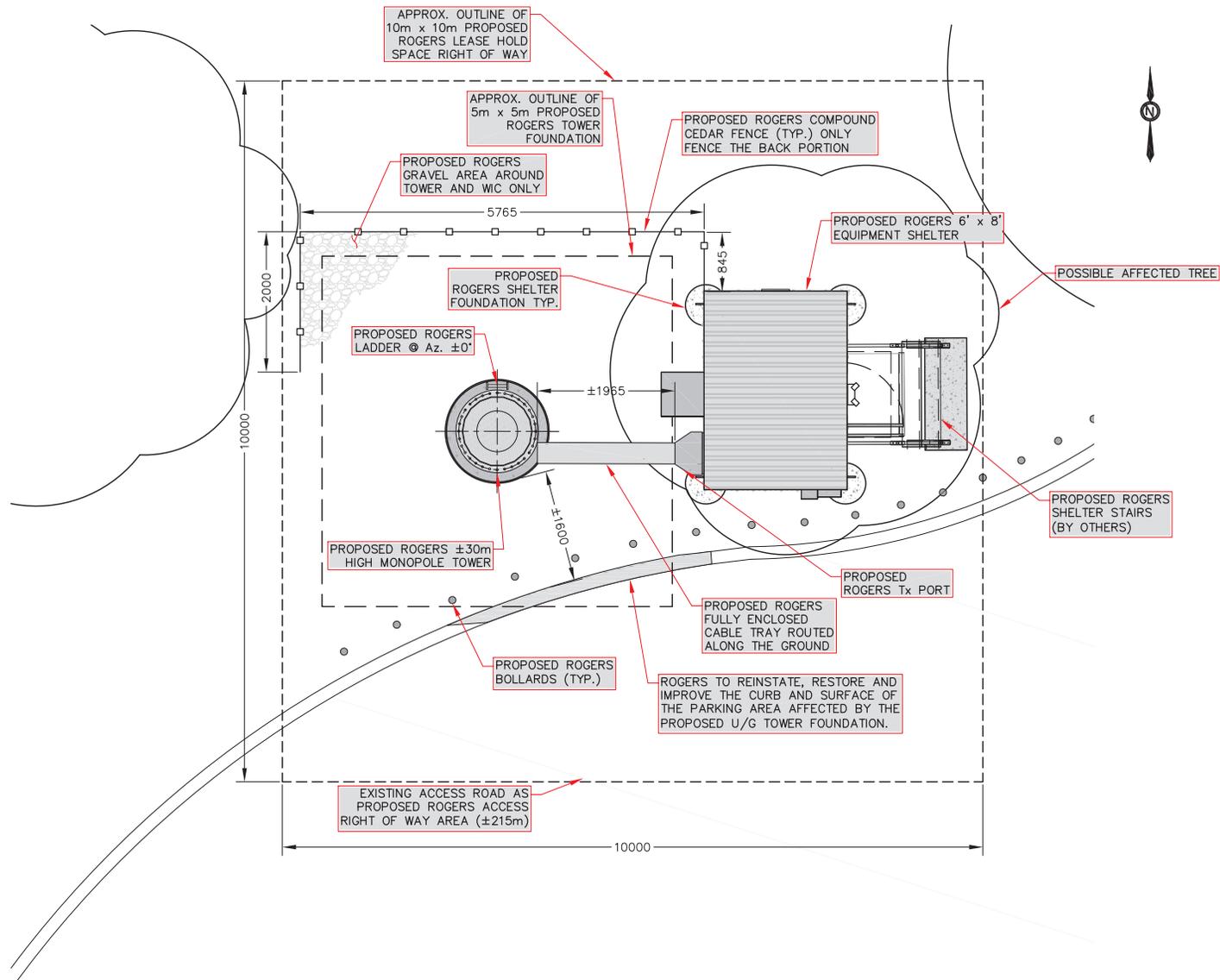


APPROX. LOCATION OF PROPERTY LINE (TYP.)

1 SITE PLAN - CLOSE-UP

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1 COMPOUND PLAN

- NOTES:
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CARRIER:



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LOCATION:
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TITLE:
 COMPOUND PLAN

PROJECT NAME: NEW SITE - GREENFIELD PROJECT NO: W5729-C DWG. NO: A04

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EXISTING DRAINAGE DITCH APPROX. LOCATION ~31m NORTH-WEST OF PROPOSED COMPOUND. SEDIMENT CONTROL MIGHT BE REQUIRED DURING CONSTRUCTION

RETAIN AS MUCH SURROUNDING EXISTING TREES AROUND TOWER/COMPOUND AS POSSIBLE

PROPOSED ROGERS (±68m) U/G ELECTRICAL ROUTING. EXACT ROUTING TBD (TYP.)

APPROX. LOCATION OF EXISTING BC HYDRO PMT

EXISTING SHAW PULL-BOX

APPROX. LOCATION OF PROPERTY LINE (TYP.)

EXISTING ACCESS ROAD AS PROPOSED ROGERS ACCESS RIGHT OF WAY AREA (±215m)



NOTES:

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LOCATION:
6675 MARY ELLEN DRIVE, NANAIMO, BC

TITLE:
ELECTRICAL ROUTING

PROJECT NAME: NEW SITE - GREENFIELD PROJECT NO: W5729-C DWG. NO: E01

① ELECTRICAL ROUTING

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