

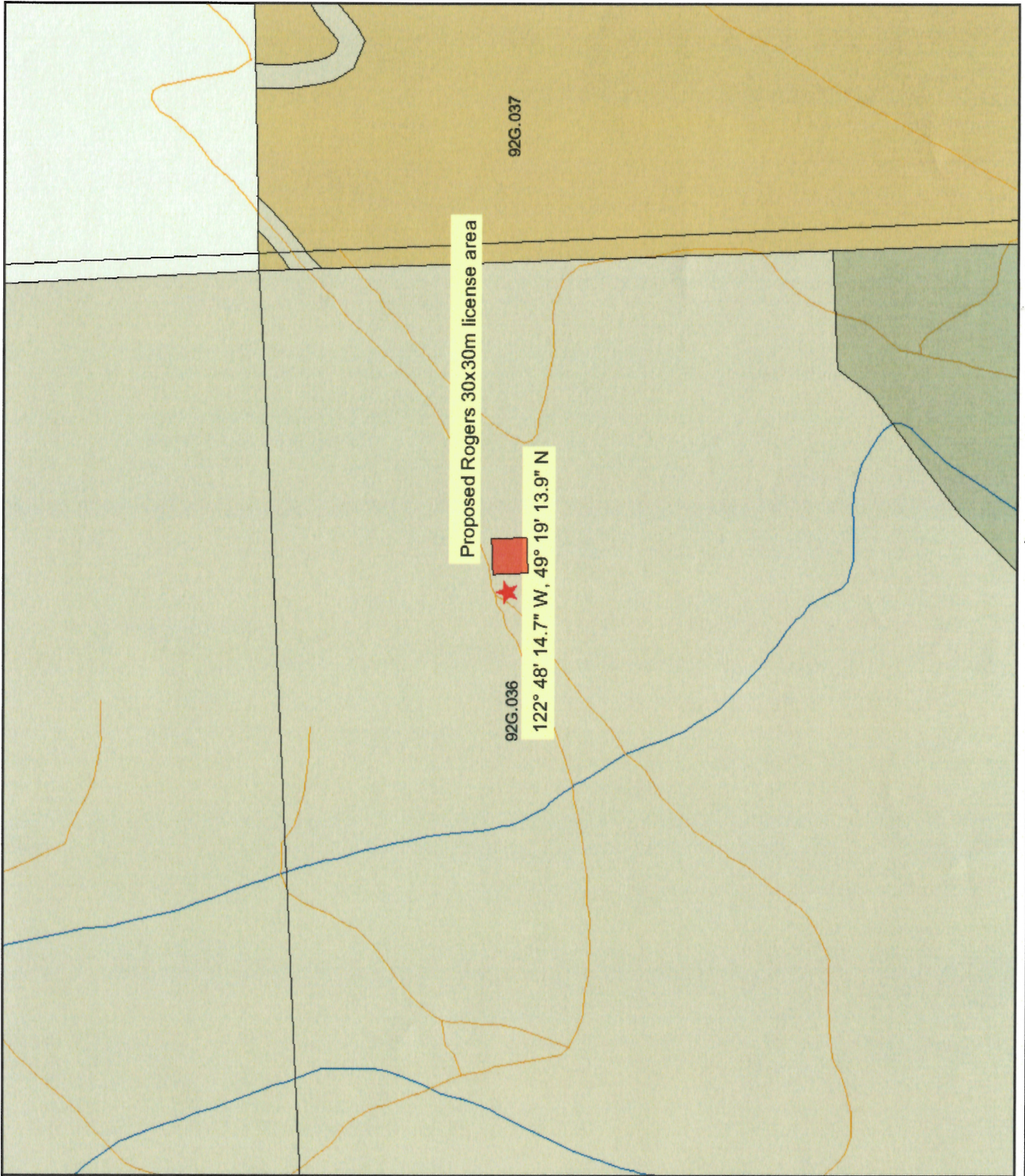


Site Specific Map

Created: May 24, 2016 2:02:51 PM

LEGEND

- Land Act Crown Grants
- Surveyed Parcel Base - Cadastre
- Road
- Trail
- Water
- Rail Line



Map Centerpoint:

Map center: 49° 19' 13.8\"/>

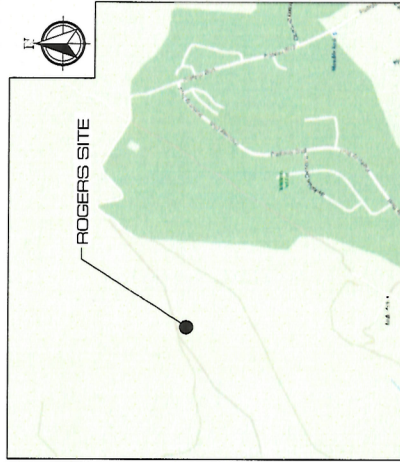
This map is a user generated static output from the ILRR internet mapping site and is general reference only. Data and layers that appear on this map may or may not be accurate, current or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION PURPOSES.





DRAWING INDEX		
DWG NO	DRAWING TITLE	REV
T-1	TITLE SHEET	0
A-1	ANTENNA DETAILS	0
A-2	WIC DETAILS I	0
A-3	WIC DETAILS II	0
A-4	ANTENNA LOADING CHART	0
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A-10	EAST ELEVATION	0
A-11	SOUTH ELEVATION	0
A-12	WEST ELEVATION	0

KEY PLAN



NOT TO SCALE

LATITUDE: N 4932052'
LONGITUDE: W 12280407
NAD 83

SITE INFORMATION

SITE ID: W3447
SITE NAME: WESTWOOD PLATEAU II
SITE ADDRESS: PLATEAU BLVD
COQUITLAM, BC
LEGAL DESCRIPTION: T.B.D.
SITE CONFIGURATION: RAWLAND - SELF-SUPPORT TOWER
APPLICANT: ROGERS COMMUNICATIONS INC.
1600-4710 KINGSWAY
BURNABY, BC V5H 4W4

ISSUED FOR REVIEW	JAN 22/18	
REV	DESCRIPTION	DATE
SCALE	NA	
CHECK BY:	LC	
DRAWN BY:	AD	
DATE:	JAN 22/18	
CAD FILE:	COQUITLAM	T-1
PROJECT NO:	BRITISH COLUMBIA	471
DRAWING NO:	TITLE SHEET	T-1

2055 BRIDGEWAY
LANGLEY, BC V3A 0G7
TEL: (778) 885-2166
INFO@COREONEELLTANTE.COM

ALL V

Technical drawing of a tapered shaft. The drawing shows a perspective view of a shaft with a conical taper. The dimensions are as follows:

- Length: 2438
- Outer diameter at the right end: 300
- Inner diameter at the right end: 251
- A small feature (possibly a hole or a fillet) is shown at the left end.

Technical drawing of a tapered shaft. The dimensions are: length 2441, top diameter 317, and bottom diameter 169.

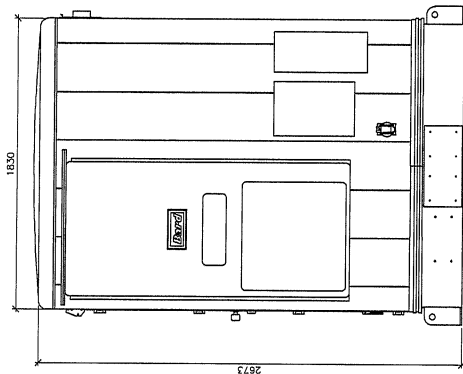
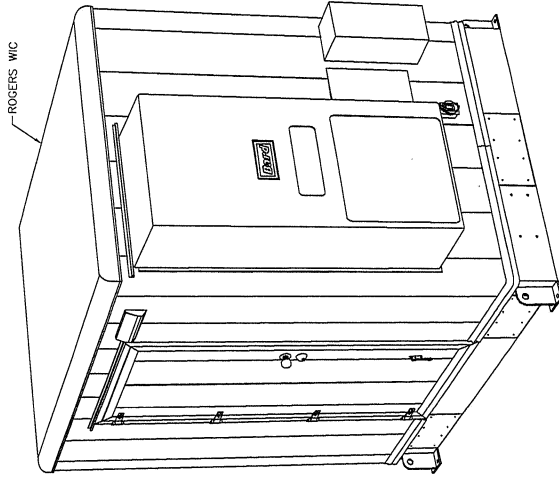
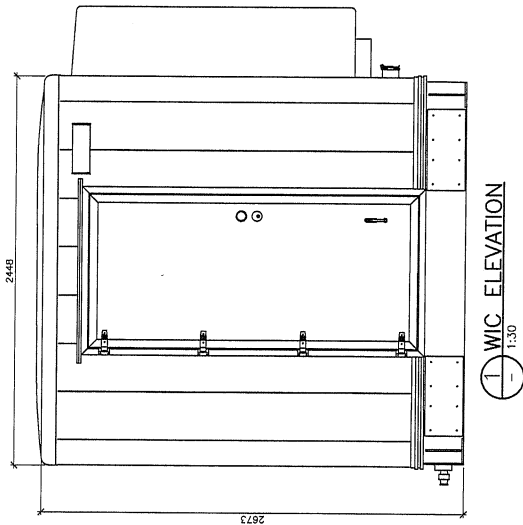
MANUFACTURER: T.B.D.
ANTENNA MODEL: T.B.D.
DIAMETER: T.B.D.
WEIGHT: T.B.D.

~~2 MICROWAVE ANTENNA ISOMETRIC
- N.T.S.~~

ID	ISSUED FOR REVIEW	JAN 22/16
REV	DESCRIPTION	DATE
PROJECT:		
W3447 WESTWOOD PLATEAU II CHECK BY: LC DRAWN BY: AD DATE: JAN 22/16 CAD FILE: PROJECT NO: A-1 DRAWING NO: 471		
COQUITLAM BRITISH COLUMBIA		
DRAWING TITLE:		
ANTENNA DETAILS		
 ROGERS™		
 COREONE CONSULTING		
2035 FRANKS AVE LANGLEY, BC V4A 4S4 TEL: (778) 802-1366 WWW.COREONECONSULTANTS.COM		

ROGERS WIC HAS BEEN DESIGNED BY ALPHA TECHNOLOGIES AND ARE BASED UPON DRAWINGS CREATED MAY 20, 2014. CORE ONE CONSULTING LTD. DOES NOT TAKE RESPONSIBILITY OF THE EQUIPMENT CABINET DESIGN

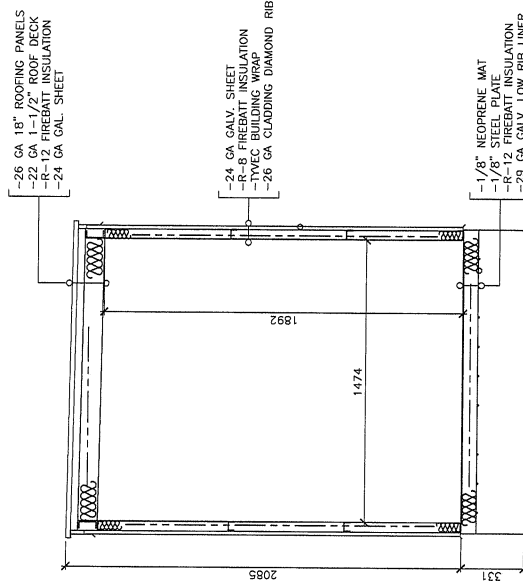
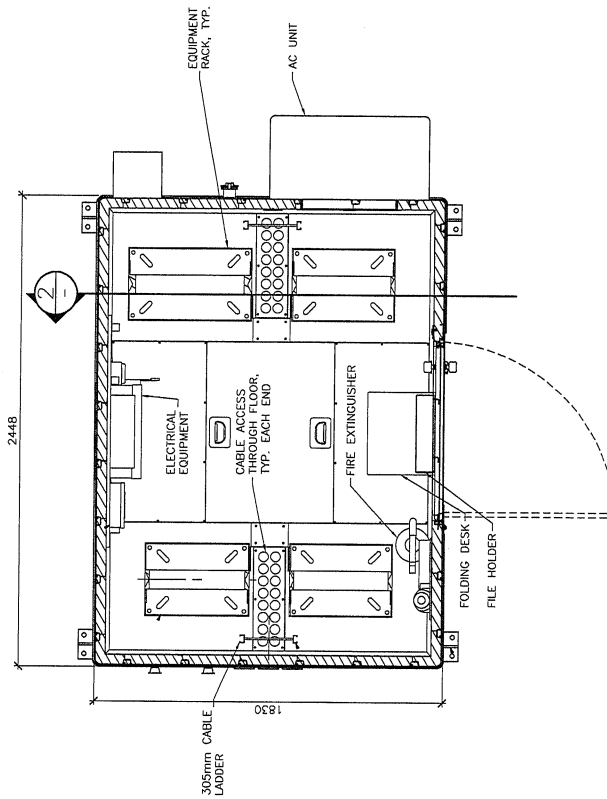
EQUIPMENT OPTIONAL ACCESSORIES SHOWN ARE DIAGRAMMATIC ONLY AND NOT SITE SPECIFIC



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REV	DESCRIPTION	DATE
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COCQUILLAM BRITISH COLUMBIA		
DRAWING TITLE: WIC DETAILS I		
PROJECT NO: 471		
DRAWING NO: A-2		
SCALE: N/A		
CHECK BY: LC		
DRAWN BY: AD		
DATE: JAN 22/16		
CAD FILE:		

COREONE CONSULTING
10050 JAMES ST. UNIT 104
VANCOUVER, BC V6N 1G4
TEL: (778) 852-2166
INFO@COREONECONSULTANTS.COM

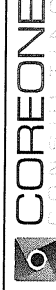
ROGERS WIC HAS BEEN DESIGNED BY ALPHA TECHNOLOGIES AND ARE BASED UPON DRAWINGS CREATED BY INTERCONTINENTAL TRUCK BODY DATED MAY 20, 2014. CORE ONE CONSULTING LTD. DOES NOT TAKE RESPONSIBILITY OF THE EQUIPMENT CABINET DESIGN



1 WIC LAYOUT 1:50

2 CROSS SECTION 1:25

D	ISSUED FOR REVIEW	JAN 22/18
	REV	DESCRIPTION
PROJECT:		
W3447 WESTWOOD PLATEAU II		
COOJUTIAM BRITISH COLUMBIA		
DRAWING TITLE:		
WIC DETAILS II		
SCALE:		
CHECK BY: LC		
DRAWN BY: AD		
DATE: JAN 22/18		
CAD FILE:		
PROJECT NO: A-3		
DRAWING NO: 471		
A-3		



2000 FREDERICK AVENUE
VANCOUVER, BC V6L 4G4
TEL: (778) 865-2166
INFO@COREONECONSULTANTS.COM

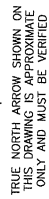
ANTENNA LOADING CHART

#	ANTENNA ID		ANTENNA/HARDWARE TYPE P=Panel W=Whip	HEIGHT RAD CENTRE	ANTENNA HEIGHT REF.	POS	AZMUTH (°)	MDT (°)	MET (°)		DIV (°)	SPACE DIV (m)	RRU'S TOWER LOADING	RRU'S INITIAL INSTALL	JUMPER TYPES	JUMPER LENGTH (m)	STATUS
	TECHNOLOGY	LABEL							2100/2600	700/850							
1	LTE	1L/1M	KATHREIN 80010866	P	±58.7m	CENTRE	UP	40°	0°	T.B.D.	40°	N/A	3	2	LDF4-50A	<5	INITIAL
2	UMTS	1J/1K	KATHREIN 800110766V01	P	±58.7m	CENTRE	UP	40°	0°	T.B.D.	40°	N/A	3	0	T.B.D.	T.B.D.	FUTURE
3	T.B.D.	T.B.D.	T.B.D.	P	±55.0m	CENTRE	UP	T.B.D.	T.B.D.	T.B.D.	T.B.D.	N/A	T.B.D.	0	T.B.D.	T.B.D.	FUTURE
4	LTE	2L/2M	KATHREIN 80010866	P	±58.7m	CENTRE	UP	120°	2°	T.B.D.	120°	N/A	3	2	LDF4-50A	<5	INITIAL
5	UMTS	2J/2K	KATHREIN 800110766V01	P	±58.7m	CENTRE	UP	120°	1°	T.B.D.	120°	N/A	3	0	T.B.D.	T.B.D.	FUTURE
6	T.B.D.	T.B.D.	T.B.D.	P	±55.0m	CENTRE	UP	T.B.D.	T.B.D.	T.B.D.	T.B.D.	N/A	T.B.D.	0	T.B.D.	T.B.D.	FUTURE
7	LTE	3L/3M	KATHREIN 80010866	P	±58.7m	CENTRE	UP	210°	7°	T.B.D.	210°	N/A	3	2	LDF4-50A	<5	INITIAL
8	UMTS	3J/3K	KATHREIN 800110766V01	P	±58.7m	CENTRE	UP	210°	5°	T.B.D.	210°	N/A	3	0	T.B.D.	T.B.D.	FUTURE
9	T.B.D.	T.B.D.	T.B.D.	P	±55.0m	CENTRE	UP	T.B.D.	T.B.D.	T.B.D.	T.B.D.	N/A	T.B.D.	0	T.B.D.	T.B.D.	FUTURE
10-12	AWS	T.B.D.	T.B.D.	P	T.B.D.	CENTRE	UP	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	FUTURE
13-15	3.5GHz	T.B.D.	T.B.D.	P	T.B.D.	CENTRE	UP	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	FUTURE
17-19	2.5GHz	T.B.D.	T.B.D.	P	T.B.D.	CENTRE	UP	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	T.B.D.	FUTURE

MICROWAVE LOADING CHART

#	ANTENNA ID	ANTENNA TYPE	HEIGHT RAD CENTRE	AZMUTH (°)	LINE TYPE	LINE LENGTH (m)	STATUS
1	W0987	T.B.D.	±51.8m	T.B.D.	(2) LDF2	70m	INITIAL

0	ISSUED FOR REVIEW	JAN 22/18
REV	DESCRIPTION	DATE
PROJECT: W3447 WESTWOOD PLATEAU II		
SCALE: N/A CHECK BY: LC DRAWN BY: AD DATE: JAN 22/18 CAD FILE: COQUITLAM BRITISH COLUMBIA PROJECT NO: A-4 DRAWING NO: 471		
 		
ANTENNA LOADING CHART A-4		



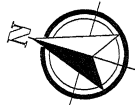
1. SITE PLAN INFORMATION OBTAINED FROM A DRAWING PREPARED BY CHARTWELL CONSULTANTS LTD. DATED JANUARY 18, 2016. THIS DRAWING DOES NOT REPRESENT A SURVEY.

N/A

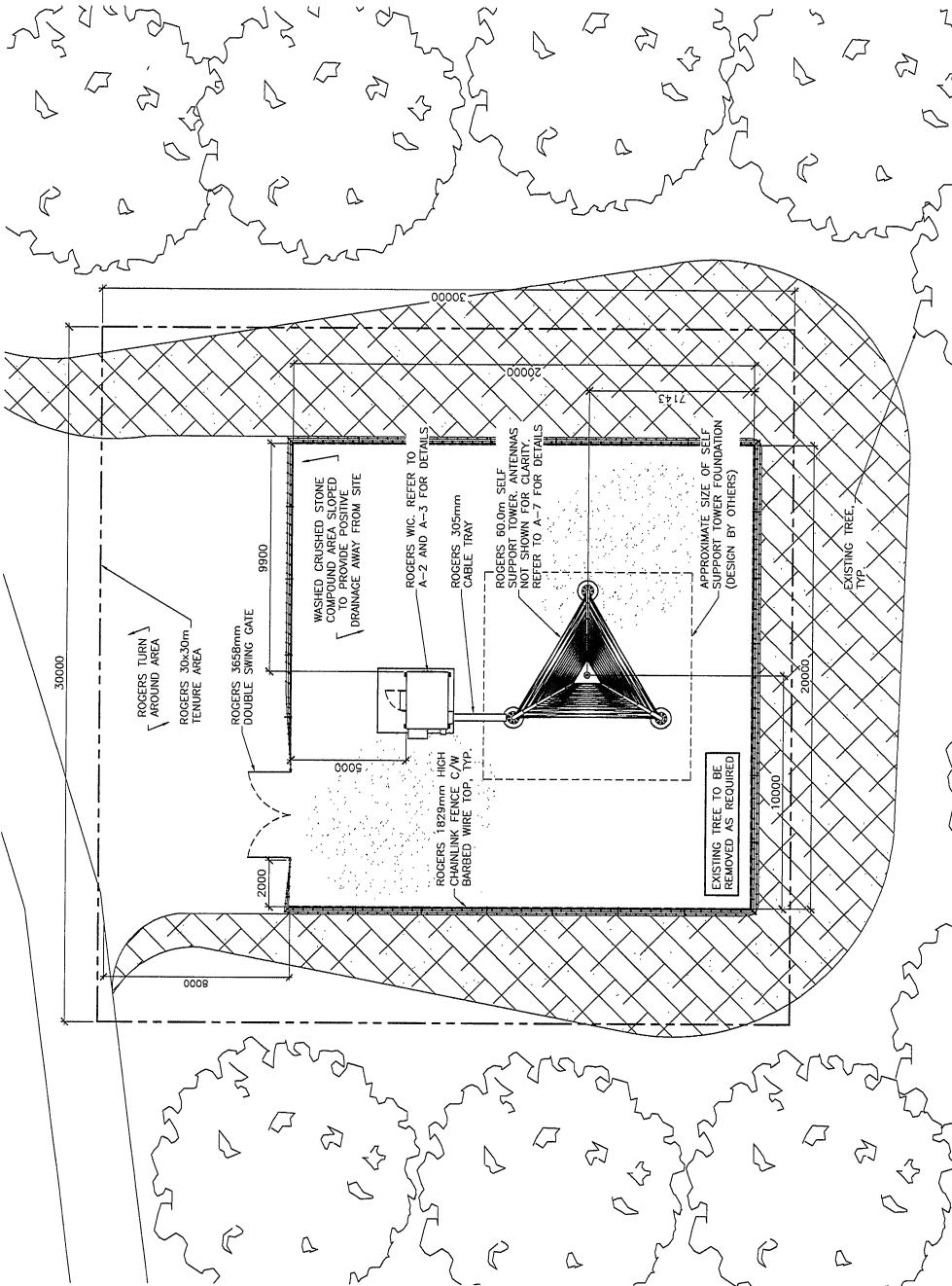
ACCESS ROAD / POWER R.O.W.	9170.1m ²
ROGERS R.O.W	900m ²



0		ISSUED FOR REVIEW		JAN 22/18	
REV		DESCRIPTION		DATE	
PROJECT:					
 ROGERS™		W3447 WESTWOOD PLATEAU II			
		COQUITLAM BRITISH COLUMBIA			
 COREONE CONSULTING		DRAWING TITLE:			
		SITE PLAN			
 2051 RINGER AVE LANGLEY, BC V4A 6H1 TEL: (778) 845-2166 INFO@COREONECONSULTING.COM		SCALE:		AS NOTED	
		CHECK BY:		LC	
		DRAWN BY:		AD	
		DATE:		JAN 22/18	
		CAD FILE:		A-5	
		PROJECT NO.:		471	
		DRAWINGS NO.:		A-5	



TRUE NORTH ARROW SHOWN ON
THIS DRAWING IS APPROXIMATE
ONLY AND MUST BE VERIFIED



NOTES:

1. COMPOUND LAYOUT INFORMATION OBTAINED FROM SITE MEASUREMENTS TAKEN BY CORE ONE CONSULTING LTD. DATED NOVEMBER 25, 2015.
2. ROGERS TO PROVIDE EXACT TOWER MODEL AND SIZE.

PROJECT:	W3447 WESTWOOD PLATEAU II	SCALE: AS NOTED	ISSUED FOR REVIEW JAN 22/16	DATE
DRAWING TITLE:	COMPOUND LAYOUT	CHECK BY: LC	REV	DESCRIPTION
DRAWING NO.	A-6	DRAWN BY: AD	DATE:	JAN 22/16
PROJECT NO.	471	CAD FILE:	PROJECT NO.	A-6
DRAWING NO.	A-6	DRAWING NO.	PROJECT NO.	471

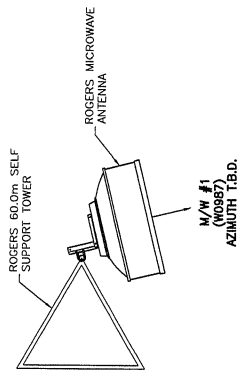
1. COMPOUND LAYOUT
1:200



2015 RELEASED
LANGLEY, BC V4A 4G4
TEL: (778) 892-2166
INFO@COREONECONSULTANTS.COM

[illegible]

2 MICROWAVE ANTENNA LAYOUT AT 51.8m A.G.L.



① ANTENNA LAYOUT AT 58.7m A.G.L.
- 1:50

			
ROGERS™		COREONE	
10000 W. 10th Ave. LANSING, MI 48204 TEL: (734) 895-2166 WWW.ROGERSCONTRACTANTS.COM		10000 W. 10th Ave. LANSING, MI 48204 TEL: (734) 895-2166 WWW.COREONECONTRACTANTS.COM	

ANTENNA LOADING CHART

NO.	ELEVATION	QTY.	ANTENNA TYPE	Tx LINE	AZIMUTH	CARRIER	STATUS
1	58.7m	3	KATHREIN 80010866	LD4 JUMPER	40°, 120°, 210°	ROGERS	PROPOSED
2	58.7m	3	KATHREIN 80010766V01	T.B.D.	40°, 120°, 210°	ROGERS	FUTURE
4	58.7m	6	RRU	FIBRE/DC		ROGERS	PROPOSED
5	58.7m	12	RRU	T.B.D.		ROGERS	FUTURE
6	55.0m	3	T.B.D.	T.B.D.		ROGERS	FUTURE
7	51.8m	1	MICROWAVE ANTENNA	T.B.D.	T.B.D.	ROGERS	PROPOSED

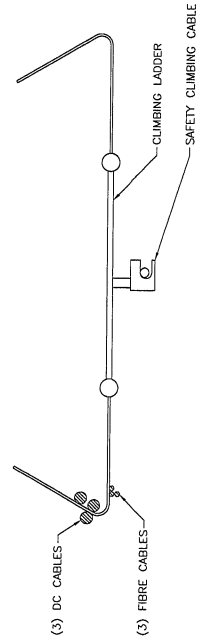
DESIGN SPECIFICATIONS

STANDARD	CSA S37-13: ANTENNAS, TOWER AND ANTENNA SUPPORTING STRUCTURE
WIND LOAD (1/50)	T.B.D.
SITE SPECIFIC WIND LOAD	TO BE PROVIDED UPON RECEIPT OF ENVIRONMENT CANADA DOCUMENTATION
ICE THICKNESS	10mm
IMPORTANCE FACTOR	1
SERVICEABILITY FACTOR	0.85

ROGERS TO PROVIDE EXACT TOWER
MODEL AND SIZE.

TX LINE LAYOUT IS DIAGRAMMATIC ONLY
AND NEEDS TO BE CONFIRMED WITH
TOWER PROVIDER

I.O. SELF SUPPORT TOWER
60.0m A.G.L.
ROGERS PANEL ANTENNA RAD CENTRE
58.7m A.G.L.
FUTURE ROGERS PANEL ANTENNA RAD CENTRE
55.0m A.G.L.
ROGERS M/W ANTENNA RAD CENTRE
51.8m A.G.L.



2 Tx LINE LAYOUT

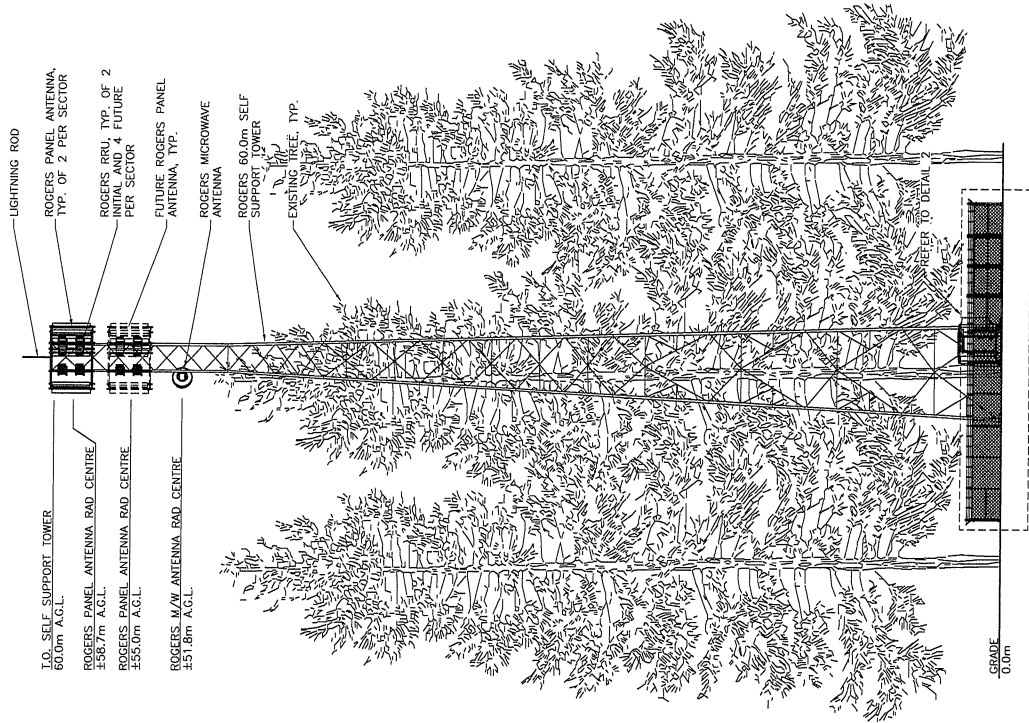
GRADE
0.0m

1 TOWER PROFILE

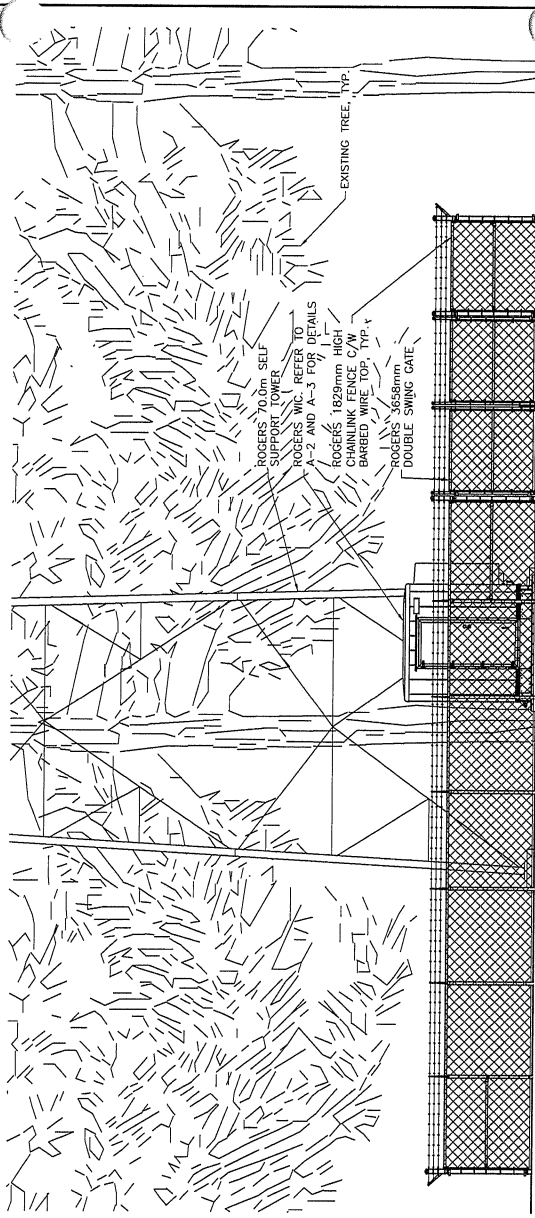
	PROJECT:	W3447 WESTWOOD PLATEAU II	ISSUED FOR REVIEW	JAN 22/16
	SCALE:	NTS	REV	DESCRIPTION
 COREONE CONSULTING 2750 BRISBANE AVE VANCOUVER, BC V6M 4G4 TEL: (778) 865-2166 INFO@COREONECONSULTANTS.COM	CHECK BY:	LC	DATE	
	DRAWN BY:	AD	DATE	JAN 22/16
	CAD FILE:		PROJECT NO.:	A-8
	DRAWING NO.:	471		

NOTES:

1. ELEVATION IS DIAGRAMMATIC ONLY.
2. IF REQUIRED, PROVIDE OBSTRUCTION LIGHTING IN ACCORDANCE WITH TRANSPORT CANADA REQUIREMENTS.



1 NORTH ELEVATION
1:300



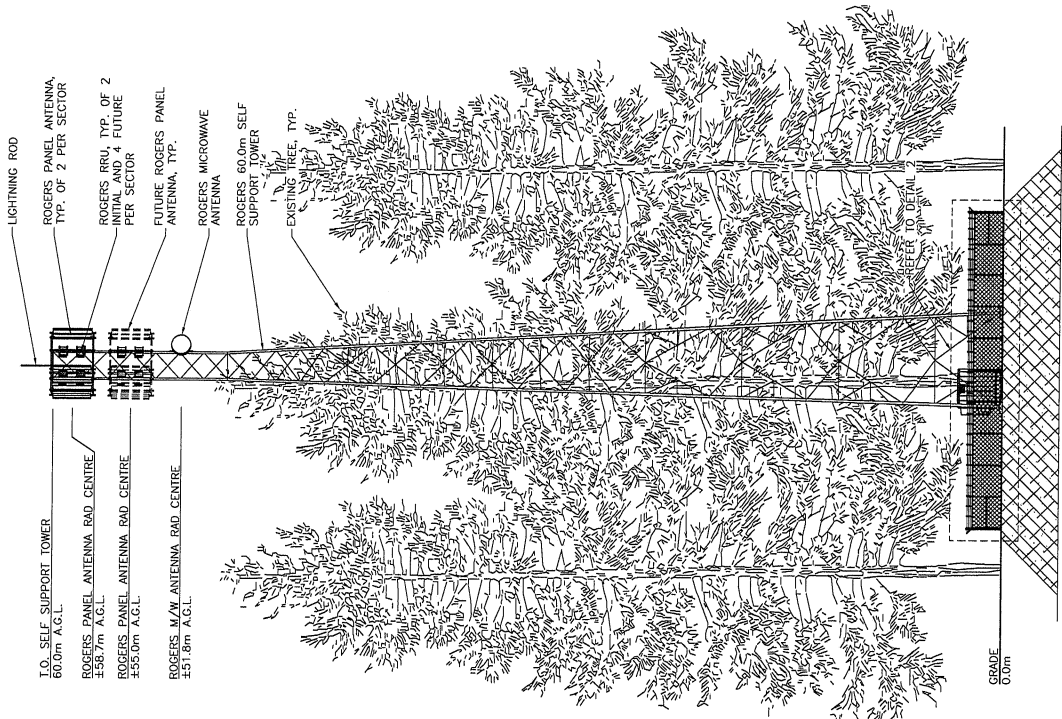
2 PARTIAL NORTH ELEVATION
1:100

PROJECT:	W3447 WESTWOOD PLATEAU II	SCALE:	AS NOTED	DATE:	JAN 22/16
DRAWING TITLE:	NORTH ELEVATION	CHECK BY:	LC	DATE:	JAN 22/16
DRAWING NO.	A-9	DRAWN BY:	AD	DATE:	JAN 22/16
PROJECT NO.	471	CAD FILE:	A-9	DATE:	JAN 22/16
DRAWING NO.	A-9	PROJECT NO.	471	DATE:	JAN 22/16

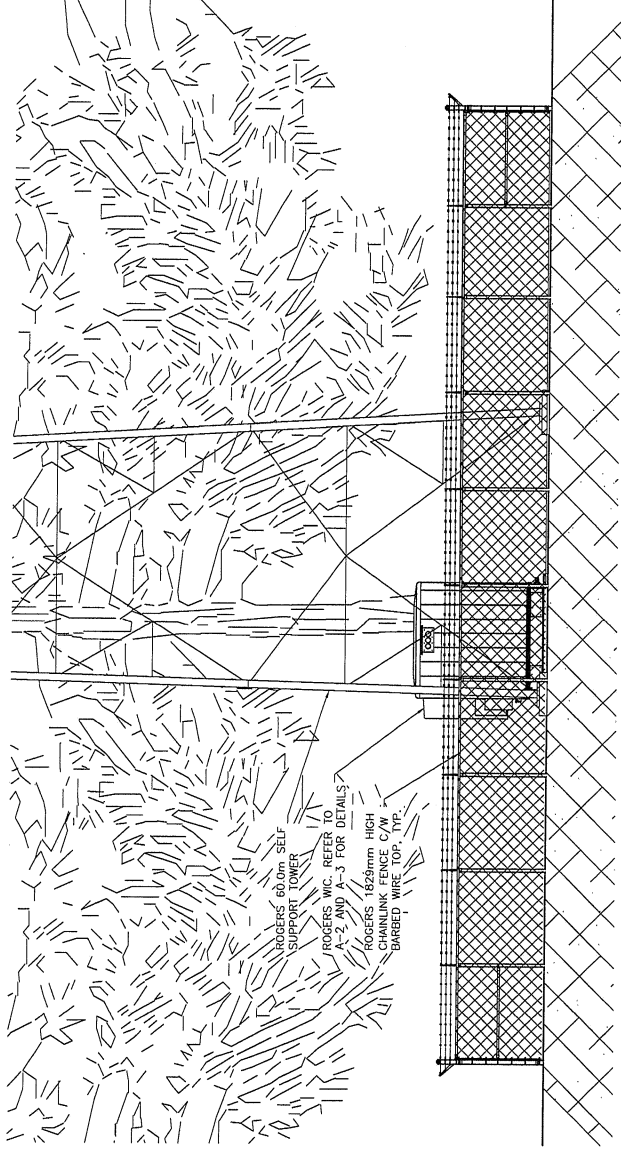


NOTES:

1. ELEVATION IS DIAGRAMMATIC ONLY.
2. IF REQUIRED, PROVIDE OBSTRUCTION LIGHTING IN ACCORDANCE WITH TRANSPORT CANADA REQUIREMENTS.



1 SOUTH ELEVATION
1:300



2 PARTIAL SOUTH ELEVATION
1:100

O		ISSUED FOR REVIEW		JAN 22/16	
REV		DESCRIPTION		DATE	
PROJECT:				SCALE: AS NOTED	
 ROGERS™				CHECK BY: LC	
				DRAWN BY: AD	
				DATE: JAN 22/16	
				CAD FILE:	
				PROJECT NO: A-11	
				DRAWING NO: 471	
DRAWING TITLE:				DRAWING NO.:	
SOUTH ELEVATION				A-11	

2700 WESTVIEW
 SUITE 100
 VANCOUVER, BC V6N 1A1
 TEL: (778) 895-2166
 INFO@COREONECONSULTANTS.COM

NOTES:

1. ELEVATION IS DIAGRAMMATIC ONLY.
2. IF REQUIRED, PROVIDE OBSTRUCTION LIGHTING IN ACCORDANCE WITH TRANSPORT CANADA REQUIREMENTS.

I.O. SELF SUPPORT TOWER
60.0m A.G.L.

ROGERS PANEL ANTENNA RAD CENTRE
±58.7m A.G.L.

ROGERS PANEL ANTENNA RAD CENTRE
±55.0m A.G.L.

ROGERS M/W ANTENNA RAD CENTRE
±51.8m A.G.L.

LIGHTNING ROD

ROGERS PANEL ANTENNA
TYP. OF 2 PER SECTOR

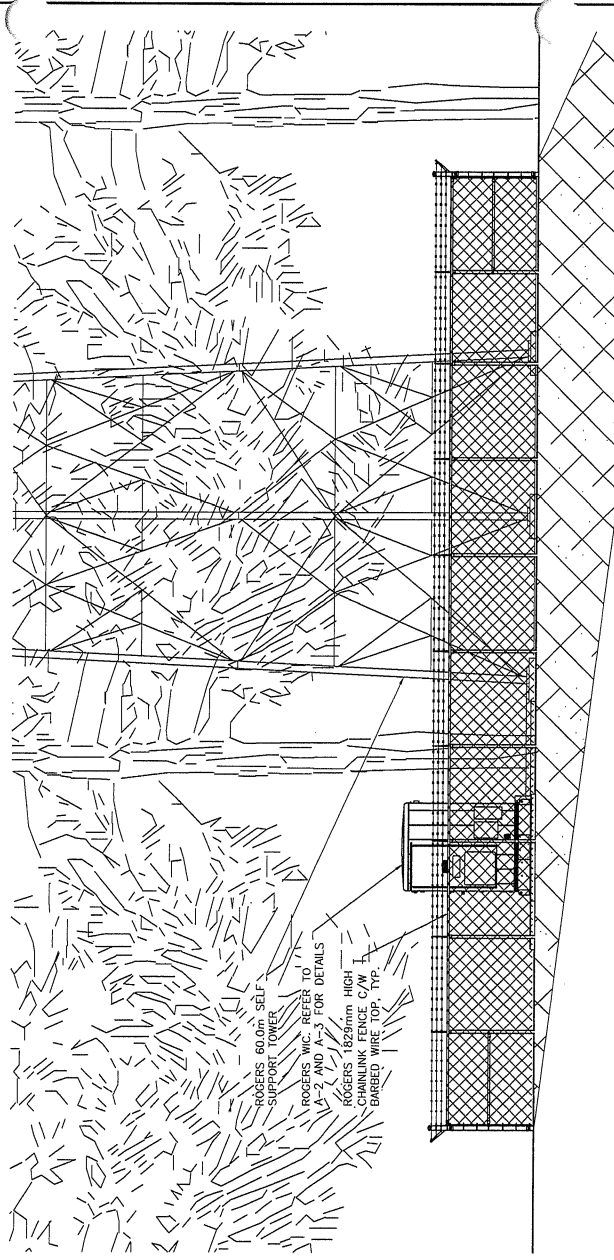
ROGERS RUU, TYP. OF 2
ANTENNA 4 FUTURE
PER SECTOR

FUTURE ROGERS PANEL
ANTENNA, TYP.

ROGERS MICROWAVE
ANTENNA

ROGERS 60.0m SELF
SUPPORT TOWER

EXISTING TREE, TYP.



2 PARTIAL WEST ELEVATION
1:100

0		ISSUED FOR REVIEW		JAN 22/16	
REV		DESCRIPTION		DATE	
PROJECT:					
W3447 WESTWOOD PLATEAU II					
CHECK BY: LC					
DRAWN BY: AD					
DATE: JAN 22/16					
SCALE: AS NOTED					
CADD FILE: A-12					
PROJECT NO. 471					
DRAWING NO.					
A-12					
DRAWING TITLE: WEST ELEVATION					
 ROGERS™					
 COREONE CONSULTANTS 2075 FRASER HWY LAKELY, BC V6A 6P4 INFO@COREONECONSULTANTS.COM					

1 WEST ELEVATION
1:250