



PROJECT TYPE: NEW TOWER PRELIMINARY DESIGN

PROJECT SITE: STCB114

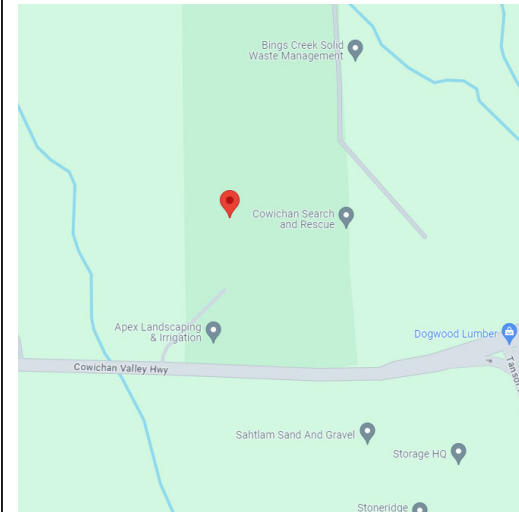
SITE NAME: NORTH COWICHAN

ADDRESS: NORTH COWICHAN, BC

JURISDICTION: BRITISH COLUMBIA



KEY MAP



COORDINATES:

(48.800213, -123.769875)

DRAWING INDEX

SHEET	DRAWING DESCRIPTION	REV	DATE
COV.	TITLE SHEET	0	08 JUL 24
A01	LEGEND	0	08 JUL 24
A02	SITE SURVEY	0	08 JUL 24
A03	SITE LAYOUT	0	08 JUL 24
A04	COMPOUND LAYOUT	0	08 JUL 24
A05	TOWER PROFILE	0	08 JUL 24

ATTACHMENT 4

NOTES

1. READ THESE DRAWINGS IN CONJUNCTION WITH ALL OTHER PROJECT SPECS, DRAWINGS & DOCUMENTS.
2. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE. DO NOT SCALE DRAWINGS.



17 BURNET ST.,
OAKVILLE, ON.
L6K 1B5

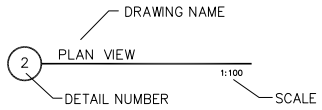
TEL: 647 403 6060
WWW.360ENG.CA

IS.	DESCRIPTION	DATE
0	PRELIMINARY	08 JUL 24
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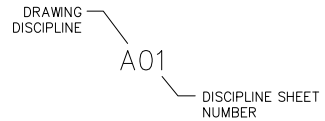
LEGEND – GENERAL SYMBOLS



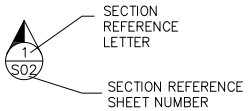
NORTH ARROW
(TRUE NORTH)



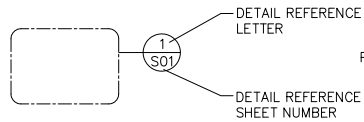
DRAWING TITLE



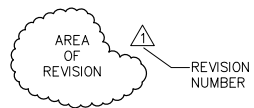
DRAWING NUMBERS



SECTION



PARTIAL DETAIL



REVISION CLOUD

LEGEND – EQUIPMENT SYMBOLS



RF ANTENNA



MICROWAVE DISH ANTENNA



WHIP ANTENNA

CARRIER:



Shared Tower



SITE CODE:

STCB114

ADDRESS:

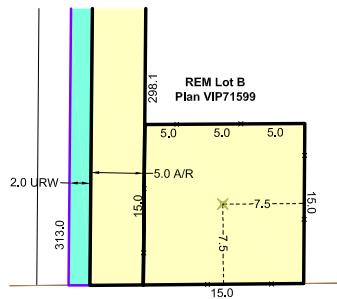
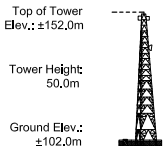
NORTH COWCHAN, BC

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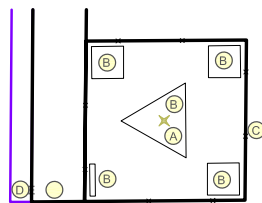
0	NI	PRELIMINARY	08 JUL 24
IS.	BY	DESCRIPTION	DATE

TITLE: LEGEND

DWG NO.:	A01	SCALE:	AS NOTED
		DIMENSION IN:	mm



DETAIL
Scale = 1:400



COMPOUND DETAIL
Scale = 1:400

Tower Notes:
 A. Proposed Self-Support tower height is to be 50,0m.
 B. Tower and carrier equipment will be predominantly white.
 C. Proposed chain link fence will be 2,0m high surrounding the compound topped with barbed wire.
 D. Utility connection and routing to be determined by qualified personnel in consultation with local authority.
 E. Access to site is dirt and gravel.










SCALE 1:2500
UNLESS OTHERWISE NOTED

SITE CENTRE COORDINATES:
 GEOGRAPHICAL (NAD83 SURVEY CONTROL)
 Latitude: 48° 48' 00,77"
 Longitude: 123° 46' 11,55" -123,768206213° Degrees

LOT B SEC. 3 RGE. 1 SOMENOS DISTRICT PLAN VIP71599 EXCEPT PART IN PLAN EPP 48427 DRINKWATER WEST HOLDINGS LTD.,
Owner(s): INC.NO. BC1190711
 921H CANADA AVENUE
 DUNCAN, BC V9L 1V2
Title No.: CA7332681


SITE DATA	PROPOSED		
	HECT.	AC.	SQ.M.
TOWER SITE:	0,023	0,06	224,9
ACCESS ROAD:	0,157	0,39	1564,7
UTILITY R/W:	0,063	1,16	625,6
TOTAL:	0,243	1,61	2415,2
TOWER SETBACKS			
FRONT:	315,4 m		
SIDE:	111,2 m		
REAR:	7,5 m		
CABINET SETBACKS			
FRONT:	308,2 m		
SIDE:	104,2 m		
REAR:	0,5 m		

LEGEND

	Portions referred to
	Utility R/W
	Premises
	Bush
	Fence
	Tower (Proposed)
	Power Pole

NOTES
 - Compound to be fenced unless told otherwise
 - Bearings are Gtd. UTM Zone 10, derived by GNSS.
 Reference Meridian is 123° West Longitude,
 Datum NAD83 (CSRS).
 Distances are horizontal, at ground level in metres.
 Combined Scale Factor is 0,999

PRELIMINARY PLAN
SUBJECT TO REVISION

 **McElhanney Land Surveys (Alta.) Ltd.**
 100, 402 - 11 Avenue SE, Calgary AB T2G 0Y4
 Tel. 403-245-4711

PLAN ID.: 33112627001-V-SKCH-001 SHEET 1 OF 1 SHEETS

SHARED TOWER

SKETCH PLAN SHOWING TOWER SITE STCB114

LOT B SEC. 3 RGE. 1 SOMENOS DISTRICT PLAN VIP71599
 EXCEPT PART IN PLAN EPP 48427
 THE CORPORATION OF THE DISTRICT OF NORTH COWICHAN

REV.	DATE	DESCRIPTION	BY	CHKD	DATE
1	May 30/24	Revised Site Location	DJF	TG	—
0	Mar. 20/24	Plan Issued	KM	TG	—
		DESCRIPTION			
		REVISIONS			

SITE CODE: STCB114

ADDRESS: NORTH COWICHAN, BC

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0	NI	PRELIMINARY	08 JUL 24
IS.	BY	DESCRIPTION	DATE

TITLE: SITE SURVEY

DWG NO.: A02 SCALE: AS NOTED
 DIMENSION IN: mm

NOTE:
 SURVEY IS PROVIDED BY OTHERS.



1

SITE PLAN

N.T.S.

CARRIER:



Shared Tower



SITE CODE:

STCB114

ADDRESS:

NORTH COWCHAN, BC

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0	NI	PRELIMINARY
IS.	BY	DESCRIPTION
		DATE
		08 JUL 24

TITLE: SITE LAYOUT

DWG NO.:	A03	SCALE:	AS NOTED
		DIMENSION IN:	mm

CARRIER:



Shared Tower



SITE CODE:

STCB114

ADDRESS:

NORTH COWCHAN, BC

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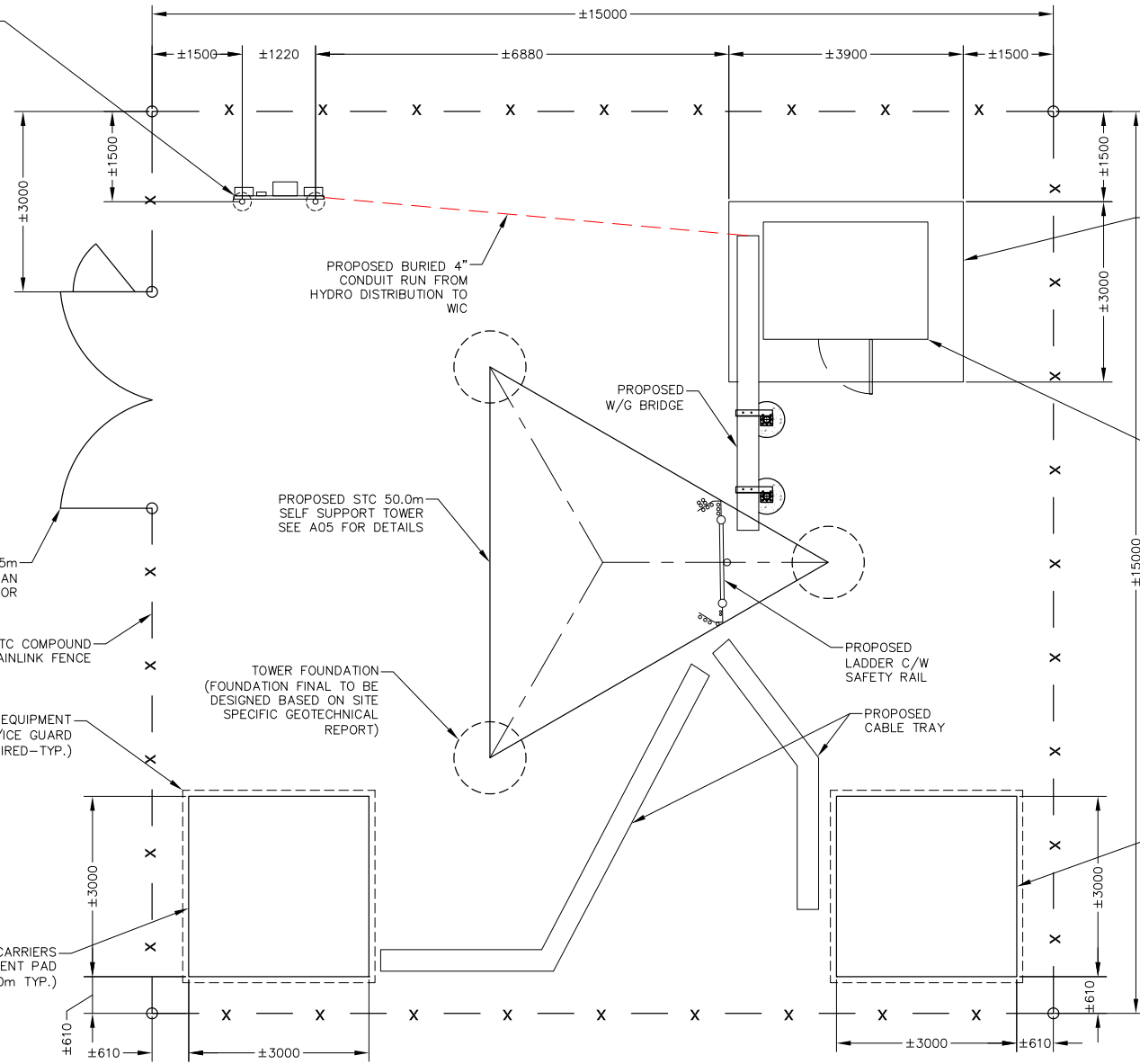
TITLE: COMPOUND LAYOUT

DWG No.: A04

SCALE: AS NOTED
DIMENSION IN: mm



HYDRO DISTRIBUTION EQUIPMENT
H-FRAME MOUNTED ON THE
CONCRETE CAISSON (IF REQUIRED)
MAIN FEED INLET AND
METERS/DISCONNECTS FOR ALL
CARRIERS ON SITE



PROPOSED BURIED 4"
CONDUIT RUN FROM
HYDRO DISTRIBUTION TO
WIC

PROPOSED ROGERS WIC
CABINET PAD

PROPOSED ROGERS
6'x8.5' WIC CABINET

PROPOSED STC 50.0m
SELF SUPPORT TOWER
SEE A05 FOR DETAILS

PROPOSED
W/G BRIDGE

PROPOSED
LADDER C/W
SAFETY RAIL

PROPOSED
CABLE TRAY

TOWER FOUNDATION
(FOUNDATION FINAL TO BE
DESIGNED BASED ON SITE
SPECIFIC GEOTECHNICAL
REPORT)

PROPOSED STC 3.5m
ACCESS GATE C/W MAN
DOOR

PROPOSED STC COMPOUND
CHAINLINK FENCE

PROPOSED EQUIPMENT
CANOPY/ICE GUARD
(IF REQUIRED-TYP.)

PROPOSED CARRIERS
EQUIPMENT PAD
(±3.0 X ±3.0m TYP.)

PROPOSED CARRIERS
EQUIPMENT PAD
(±3.0 X ±3.0m TYP.)

1 COMPOUND LAYOUT

T/O TOWER EL. = 50.00m

CL RF EL. = 49.00m

CL RF EL. = 45.00m

CL MW EL. = 41.30m

CL RF EL. = 39.00m

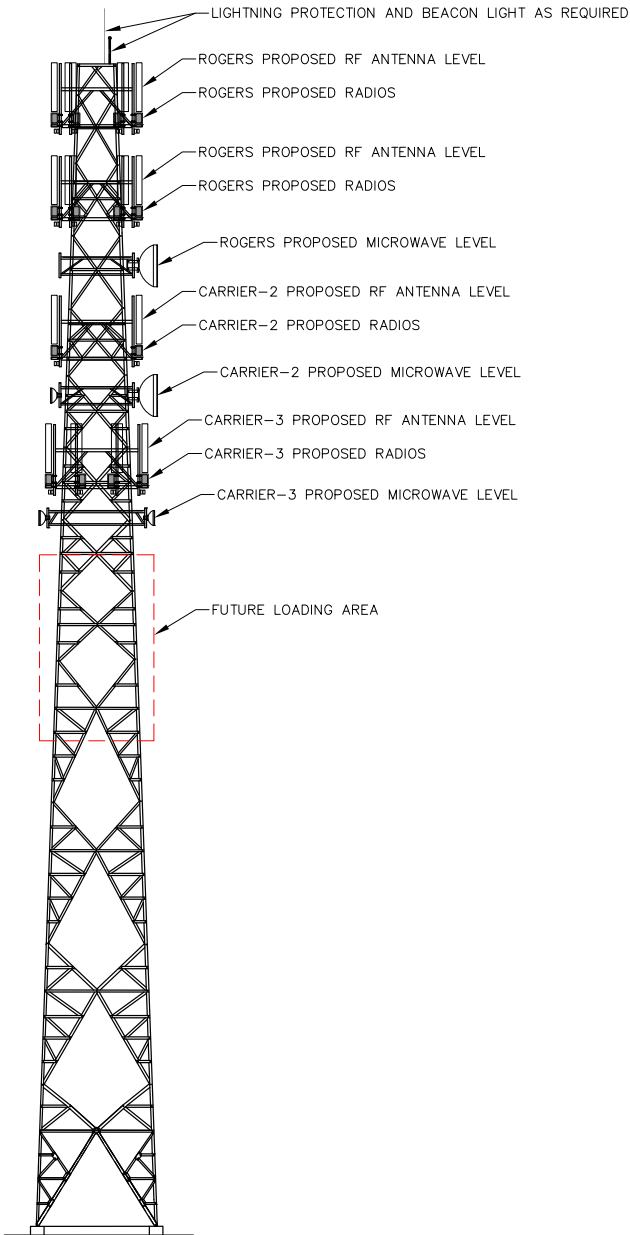
CL MW EL. = 35.70m

CL RF EL. = 33.50m

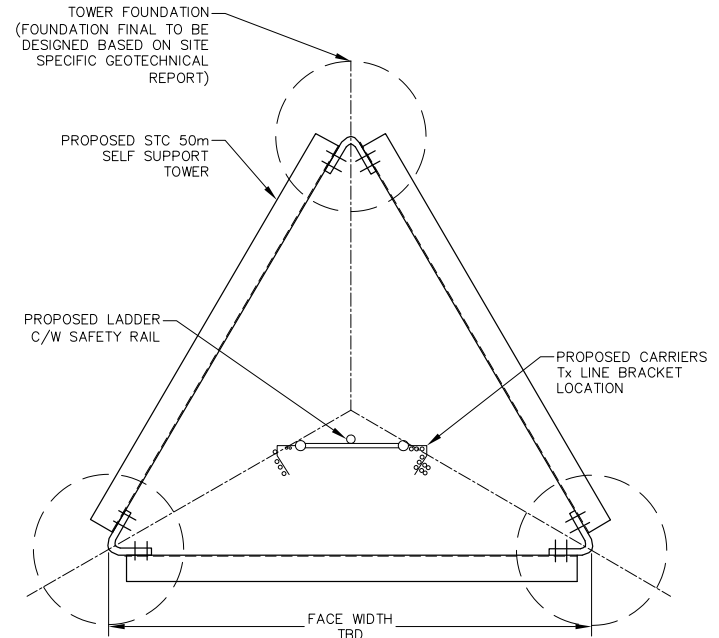
CL MW EL. = 30.50m

EL. = 24.90m

EL. = 0.00m



1 ELEVATION VIEW - FRONT



2 PLAN



SITE CODE: STCB114

ADDRESS: NORTH COWCHAN, BC

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0	NI	PRELIMINARY
IS.	BY	DESCRIPTION
		DATE

TITLE: TOWER PROFILE

DWG No.: A05

SCALE: AS NOTED

DIMENSION IN: mm