Shared Tower

PROJECT TYPE: NEW TOWER PRELIMINARY DESIGN

PROJECT SITE: STCB110

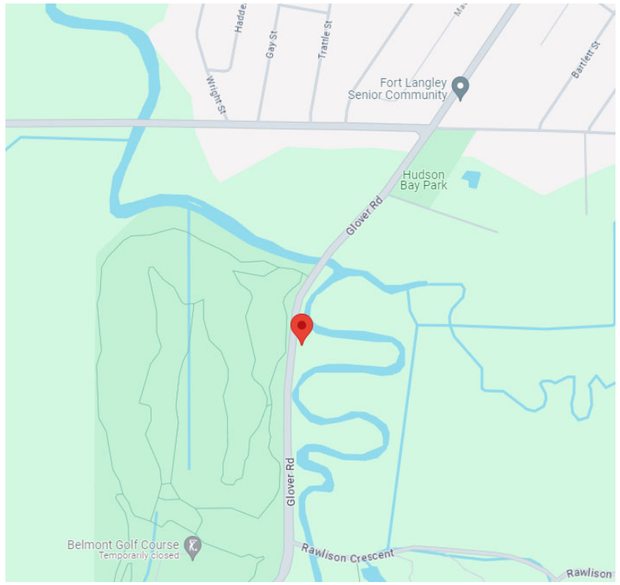
SITE NAME: RAWLISON CRESCENT

ADDRESS: 22851 RAWLISON CRESCENT, TOWNSHIP OF LANGLEY, BC

JURISDICTION: BRITISH COLUMBIA




KEY MAP




COORDINATES:

(49.157769, −122.590480)

DRAWING INDEX

| SHEET | DRAWING DESCRIPTION | REV | DATE |
|---|---|---|---|
| COV. | TITLE SHEET | 0 | 27 MAR 24 |
| A01 | LEGEND | 0 | 27 MAR 24 |
| A02 | SITE SURVEY | 0 | 27 MAR 24 |
| A03 | SITE LAYOUT | 0 | 27 MAR 24 |
| A04 | COMPOUND LAYOUT | 0 | 27 MAR 24 |
| A05 | TOWER PROFILE | 0 | 27 MAR 24 |

| IS. | DESCRIPTION | DATE |
|---|---|---|
| 0 | PRELIMINARY | 27 MAR 24 |
| 1 | | |
| 2 | | |
| 3 | | |

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.

360° ENGINEERING INC.

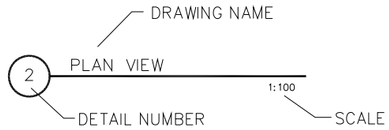
17 BURNET ST.,
OAKVILLE, ON.
L6K 1B5

TEL: 647 403 6060
WWW.360ENG.CA

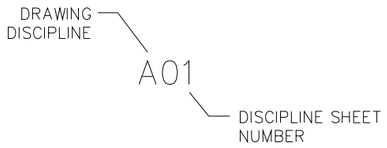
## LEGEND – GENERAL SYMBOLS



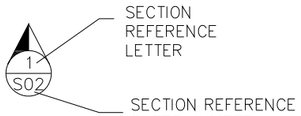

NORTH ARROW
(TRUE NORTH)



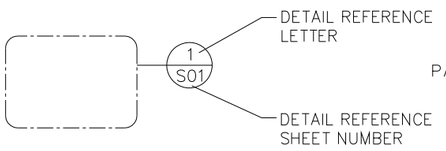

DRAWING TITLE



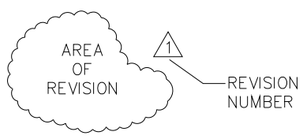

DRAWING NUMBERS




SECTION




PARTIAL DETAIL

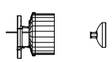



REVISION CLOUD

## LEGEND – EQUIPMENT SYMBOLS



RF ANTENNA



MICROWAVE DISH ANTENNA

WHIP ANTENNA

CARRIER:

Shared Tower

360 ENGINEERING INC.
PERMIT TO PRACTICE# 1001058

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. M. BOTROS
# 36705

George M. Botros

2024-05-28

360 ENGINEERING INC.

SITE CODE:
STCB110

ADDRESS: 22851 RAWLISON CRESCENT, TOWNSHIP OF LANGLEY, BC

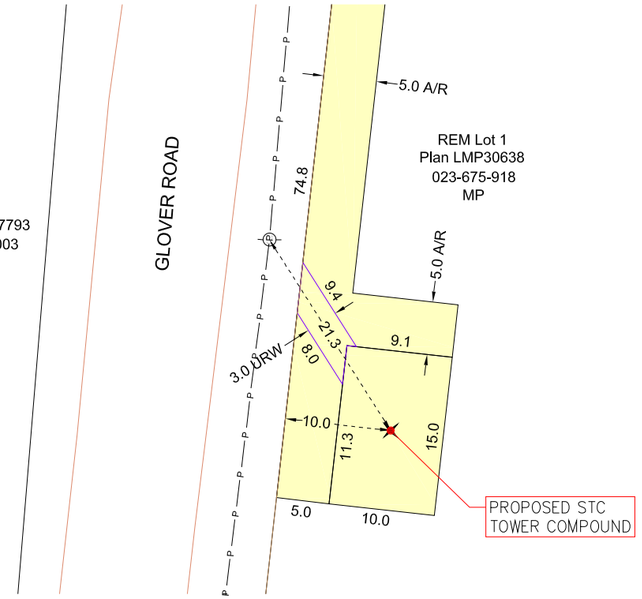
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| 0 | NI | PRELIMINARY | 27 MAR 24 |

TITLE:
LEGEND

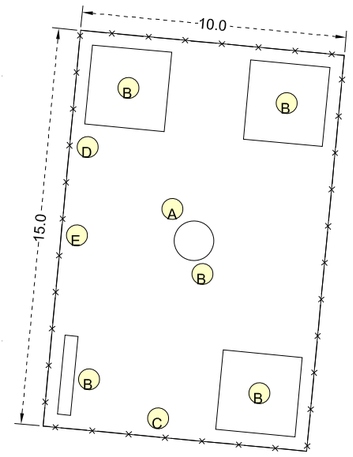
DWG NO.: A01

SCALE: AS NOTED

DIMENSION IN: mm

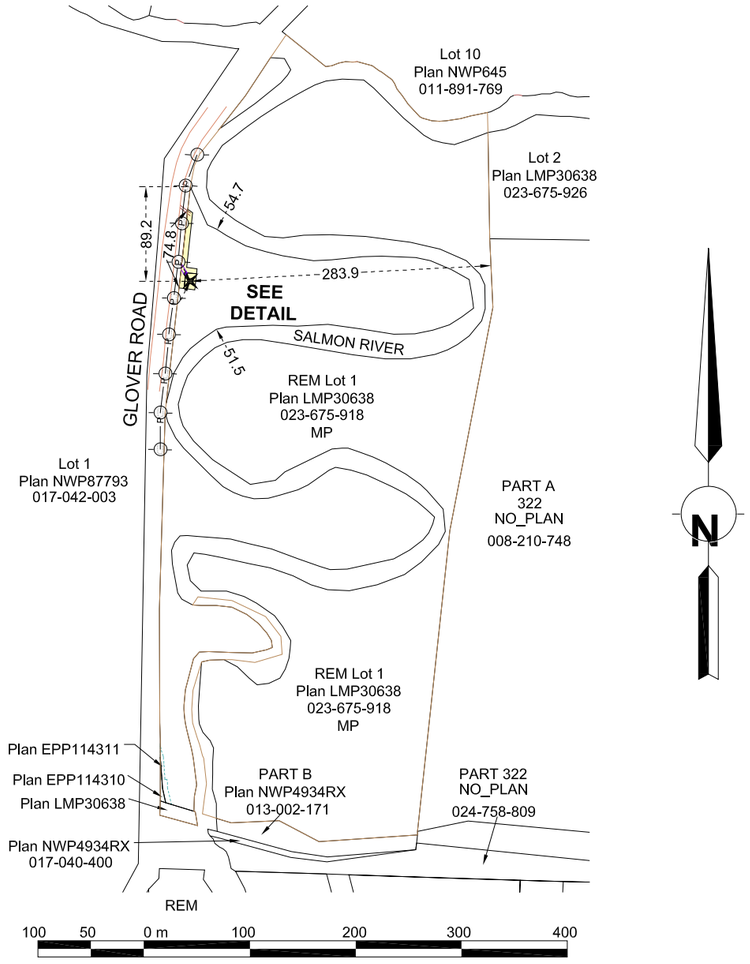



**DETAIL**
**Scale = 1:500**




**COMPOUND DETAIL**
**Scale = 1:200**

**Tower Notes:**
A. Proposed Monopole tower height is to be 40.0m.
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 a dirt road.

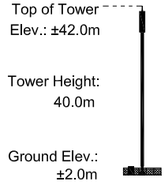



**SCALE 1:5000**
UNLESS OTHERWISE NOTED

**LOT 1 DISTRICT LOT 322 GROUP 2 NEW WESTMINSTER DISTRICT PLAN LMP30638 EXCEPT PLAN EPP114310**
**GARNET FARMS LTD., INC. NO. BC0054765**
**Owner(s):** 23090 88TH AVE
FORT LANGLEY, BC
V1M 2S3
**TItle No.: JA144**

**SITE CENTRE COORDINATES:**
**GEOGRAPHICAL (NAD83 SURVEY CONTROL)**
Latitude: 49° 09' 27.97"
Longitude: 122° 35' 25.73" -122.590480769° Decimal Degrees

| SITE DATA | PROPOSED HECT. | AC. | SQ.M. |
|---|---|---|---|
| TOWER SITE: | 0.015 | 0.04 | 150.0 |
| 5.0 ACCESS ROAD: | 0.042 | 0.10 | 416.2 |
| TOTAL: | 0.057 | 0.14 | 566.2 |
| **TOWER SETBACKS** | | | |
| FRONT: | | 10.0 m | |
| SIDE: | | 89.2 m | |
| REAR: | | 283.9 m | |
| **CABINET SETBACKS** | | | |
| FRONT: | | 5.5 m | |
| SIDE: | | 81.8 m | |
| REAR: | | 278.3 m | |




**LEGEND**
Portions referred to:
URW:
Premises:
Edge of Pavement:
Edge of Shoulder:
Fence:
Overhead Power Line:
Tower (Proposed):
Power Pole:

**NOTES**
- Compound to be fenced unless told otherwise
- Bearings are Grid, 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___.

# SHARED TOWER
## SKETCH PLAN SHOWING TOWER SITE STCB110
**PRELIMINARY PLAN**
SUBJECT TO REVISION

**LOT 1 DISTRICT LOT 322 GROUP 2 NEW WESTMINSTER DISTRICT PLAN LMP30638 EXCEPT PLAN EPP114310**

## CITY OF LANGLEY

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

| REV. | DATE | DESCRIPTION | DRAF | CHKD | SURV |
|---|---|---|---|---|---|
| 0 | Feb. 09/24 | Plan Issued | SL | RBD | ---- |

**REVISIONS**

**SHEET 1 OF 1**
Plan ID.:33112623701-V-SKCH-001

NOTE:
SURVEY IS PROVIDED BY OTHERS.

1 SITE SURVEY
N.T.S.

CARRIER:
Shared Tower

360 ENGINEERING INC.
PERMIT TO PRACTICE# 1001058
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. M. BOTROS
# 36705
George M. Botros
2024-05-28
360 ENGINEERING INC.

SITE CODE: STCB110

ADDRESS: 22851 RAWLISON CRESCENT, TOWNSHIP OF LANGLEY, BC

| IS. | BY | DESCRIPTION | DATE |
|---|---|---|---|
| 5 | | | |
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| 0 | NI | PRELIMINARY | 27 MAR 24 |

TITLE: SITE SURVEY

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

N




1 SITE PLAN
N.T.S.

CARRIER:

Shared Tower

360 ENGINEERING INC.
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PROVINCE OF BRITISH COLUMBIA
G. M. BOTROS
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2024-05-28

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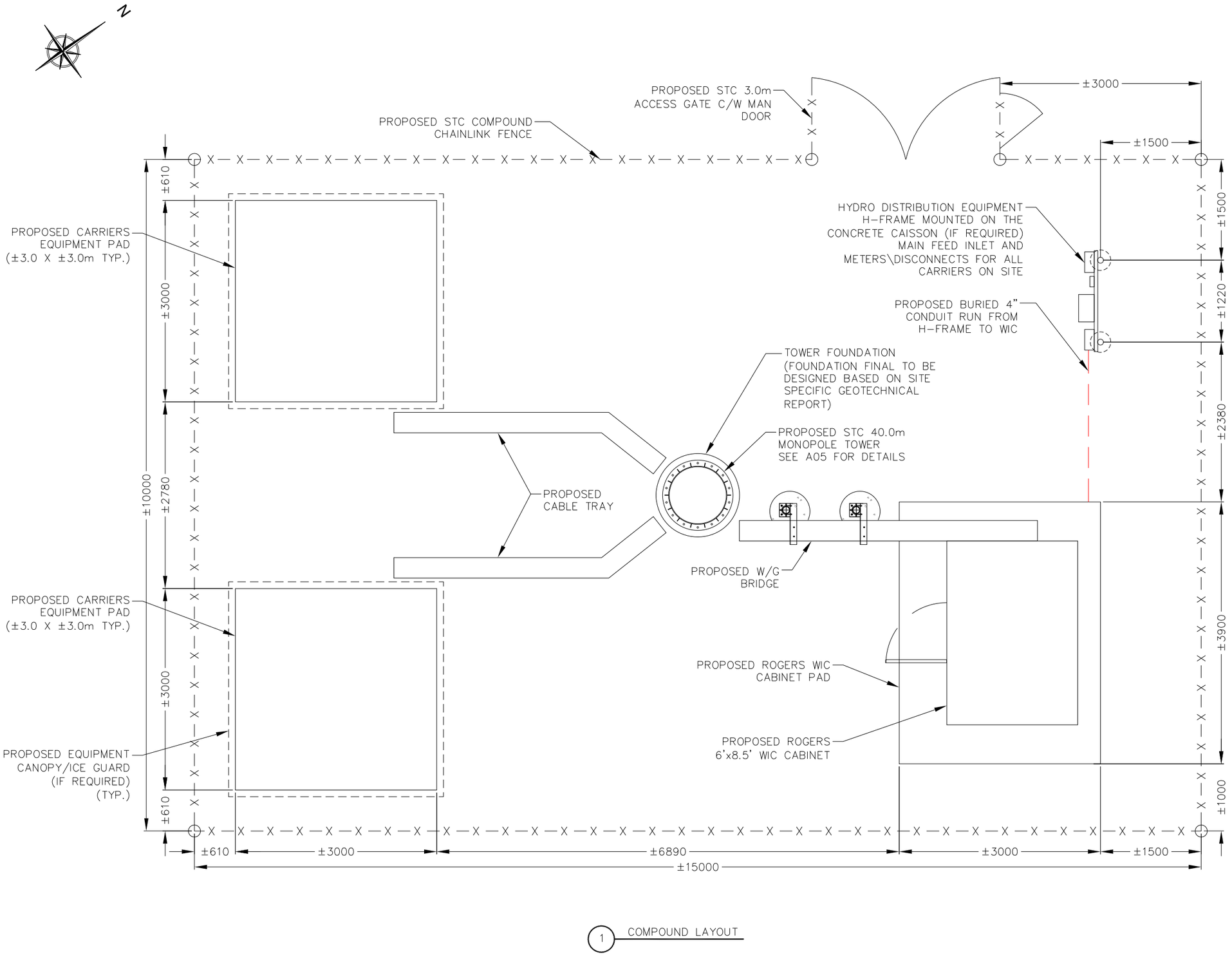
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| 0 | NI | PRELIMINARY | 27 MAR 24 |

TITLE: SITE LAYOUT

DWG NO.: A03

SCALE: AS NOTED

DIMENSION IN: mm




1 COMPOUND LAYOUT

CARRIER:

Shared Tower


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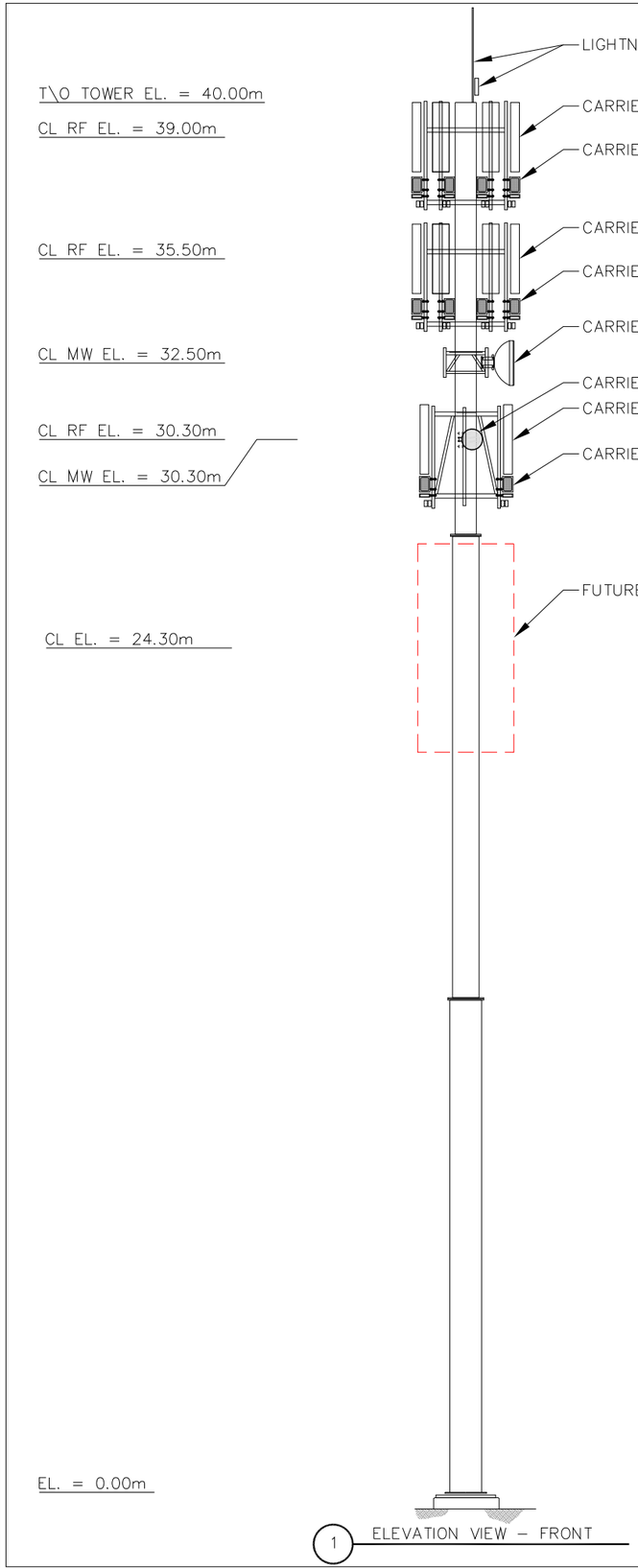
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| 3 | | | |
| 2 | | | |
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| 0 | NI | PRELIMINARY | 27 MAR 24 |

TITLE: COMPOUND LAYOUT

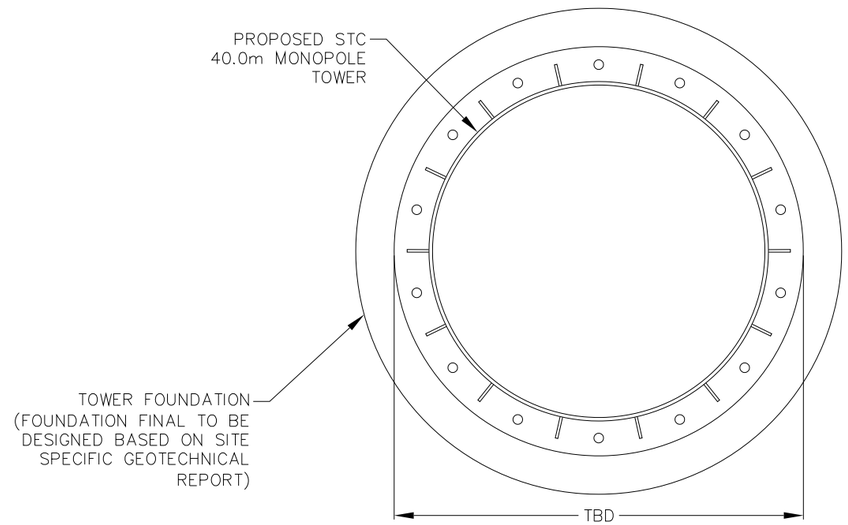
DWG NO.: A04

SCALE: AS NOTED

DIMENSION IN: mm




1 ELEVATION VIEW – FRONT




2 PLAN

CARRIER:

Shared Tower

360 ENGINEERING INC.
PERMIT TO PRACTICE# 1001058

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. M. BOTROS
# 36705

George M. Botros

2024-05-28

360 ENGINEERING INC.

SITE CODE:
STCB110

ADDRESS: 22851 RAWLISON CRESCENT, TOWNSHIP OF LANGLEY, BC

| IS. | BY | DESCRIPTION | DATE |
|---|---|---|---|
| 5 | | | |
| 4 | | | |
| 3 | | | |
| 2 | | | |
| 1 | | | |
| 0 | NI | PRELIMINARY | 27 MAR 24 |

TITLE:
TOWER PROFILE

DWG NO.: A05

SCALE: AS NOTED

DIMENSION IN: mm