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| A-7           | SOUTHEAST ELEVATION   | 3   |



KEY PLAN

NOT TO SCALE

LATITUDE:    N 49.111297°

NAD 83

LONGITUDE:   W 122.659169°

| SITE INFORMATION    |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| SITE ID:            | W4442                                                                                            |
| SITE NAME:          | 204TH & LOGAN                                                                                    |
| SITE ADDRESS:       | 20361 DUNCAN WAY<br>LANGLEY, BC                                                                  |
| LEGAL DESCRIPTION:  | PID: 005-833-850<br>LOT 2, DISTRICT LOT 309,<br>NEW WESTMINSTER DISTRICT,<br>DISTRICT PLAN 59917 |
| SITE CONFIGURATION: | RAWLAND - MONOPOLE                                                                               |
| APPLICANT:          | ROGERS COMMUNICATIONS INC.<br>1600-4710 KINGSWAY<br>BURNABY, BC V5H 4W4                          |

|     |                    |           |    |
|-----|--------------------|-----------|----|
| 3   | REVISED PER ROGERS | JAN 31/19 | NR |
| 2   | REVISED PER ROGERS | NOV 26/18 | WT |
| 1   | REVISED PER ROGERS | OCT 11/18 | JK |
| 0   | ISSUED FOR REVIEW  | JUN 25/18 | WT |
| REV | DESCRIPTION        | DATE      | BY |

ROGERS™

COREONE CONSULTING

229 - 18525 53RD AVENUE  
SURREY, BC V3S 7A4  
TEL: (778) 805-2166  
INFO@COREONECONSULTANTS.COM

PROJECT:

W4442  
204TH & LOGAN

LANGLEY  
BRITISH COLUMBIA

DRAWING TITLE:

TITLE SHEET

SCALE: N/A

CHECK BY: LC

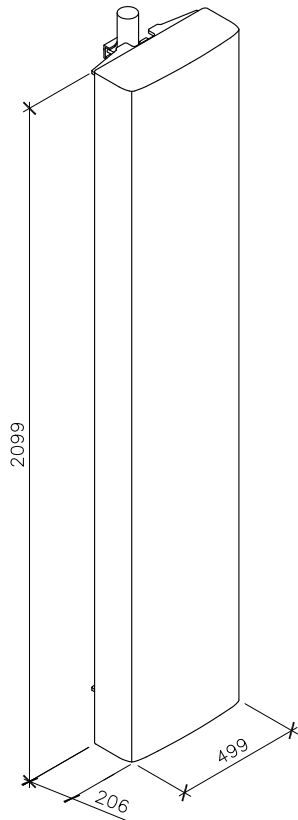
DRAWN BY: WT

DATE: JUN 22/18

CAD FILE: T-1

PROJECT NO: 18C1021

DRAWING NO: T-1

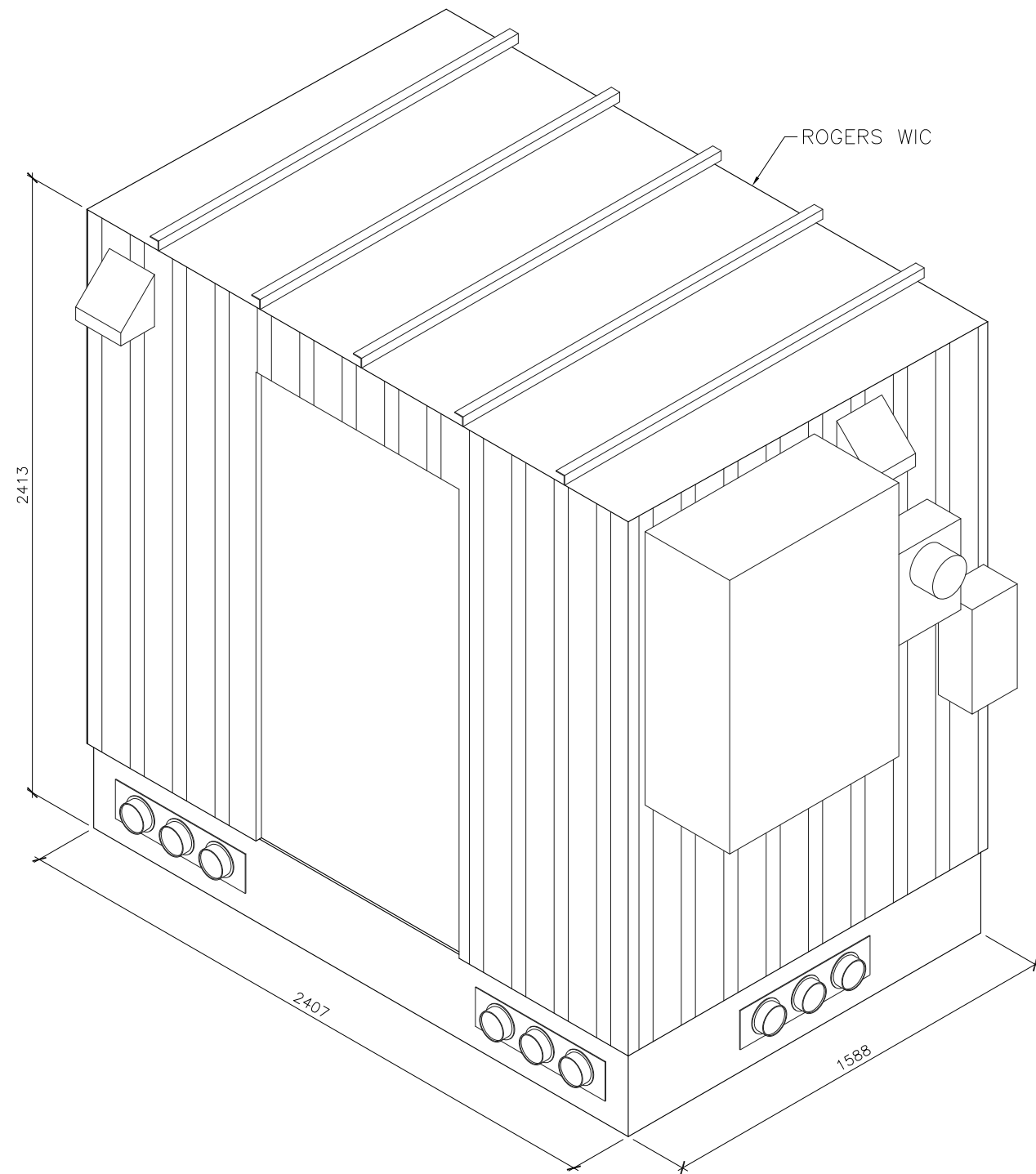


MANUFACTURER: HUAWEI  
ANTENNA MODEL: ASI4516R0v06  
HEIGHT: 2099mm  
WIDTH: 499mm  
DEPTH: 206mm  
WEIGHT: 45.0kg

1 ANTENNA ISOMETRIC  
- N.T.S.

|     |                    |           |    |
|-----|--------------------|-----------|----|
| 1   | REVISED PER ROGERS | OCT 11/18 | JK |
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| REV | DESCRIPTION        | DATE      | BY |

|                                                                                                         |                                                                           |             |           |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------|-----------|
|                                                                                                         | PROJECT:<br><br>W4442<br>204TH & LOGAN<br><br>LANGLEY<br>BRITISH COLUMBIA | SCALE:      | N/A       |
|                                                                                                         |                                                                           | CHECK BY:   | LC        |
|                                                                                                         |                                                                           | DRAWN BY:   | WT        |
|                                                                                                         |                                                                           | DATE:       | JUN 22/18 |
|                                                                                                         |                                                                           | CAD FILE:   | A-1       |
| <br>229 - 18525 53RD AVENUE<br>SURREY, BC V3S 7A4<br>TEL: (778) 805-2166<br>INFO@COREONECONSULTANTS.COM | DRAWING TITLE:<br><br>ANTENNA DETAILS                                     | PROJECT NO: | 18C1021   |
|                                                                                                         |                                                                           | DRAWING NO: | A-1       |
|                                                                                                         |                                                                           |             |           |



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

EQUIPMENT OPTIONAL ACCESSORIES SHOWN ARE DIAGRAMMATIC ONLY AND NOT SITE SPECIFIC

1 WIC ISOMETRIC  
- N.T.S.

|     |                    |           |    |
|-----|--------------------|-----------|----|
| 1   | REVISED PER ROGERS | OCT 11/18 | JK |
| 0   | ISSUED FOR REVIEW  | JUN 25/18 | WT |
| REV | DESCRIPTION        | DATE      | BY |

|                                                                                                                                                                                              |                                                                           |             |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------|-----------|
|                                                                                                         | PROJECT:<br><br>W4442<br>204TH & LOGAN<br><br>LANGLEY<br>BRITISH COLUMBIA | SCALE:      | N/A       |
|                                                                                                                                                                                              |                                                                           | CHECK BY:   | LC        |
|                                                                                                                                                                                              |                                                                           | DRAWN BY:   | WT        |
|                                                                                                                                                                                              |                                                                           | DATE:       | JUN 22/18 |
|                                                                                                                                                                                              |                                                                           | CAD FILE:   | A-2       |
| <br>229 - 18525 53RD AVENUE<br>SURREY, BC V3S 7A4<br>TEL: (778) 805-2166<br>INFO@COREONECONSULTANTS.COM | DRAWING TITLE:<br><br>WIC DETAILS                                         | PROJECT NO: | 18C1021   |
|                                                                                                                                                                                              |                                                                           | DRAWING NO: | A-2       |
|                                                                                                                                                                                              |                                                                           |             |           |

| ANTENNA LOADING CHART |            |          |                                              |   |                         |                           |     |                |            |         |           |            |                     |                           |                             |                 |                         |         |
|-----------------------|------------|----------|----------------------------------------------|---|-------------------------|---------------------------|-----|----------------|------------|---------|-----------|------------|---------------------|---------------------------|-----------------------------|-----------------|-------------------------|---------|
| #                     | ANTENNA ID |          | ANTENNA/HARDWARE TYPE<br>P= PANEL<br>W= WHIP |   | HEIGHT<br>RAD<br>CENTRE | ANTENNA<br>HIEGHT<br>REF. | POS | AZMIUTH<br>(°) | MDT<br>(°) | MET (°) |           | DIV<br>(°) | SPACE<br>DIV<br>(m) | RRU'S<br>TOWER<br>LOADING | RRU'S<br>INITIAL<br>INSTALL | JUMPER<br>TYPES | JUMPER<br>LENGTH<br>(m) | STATUS  |
|                       | TECHNOLOGY | LABEL    |                                              |   |                         |                           |     |                |            | 700/800 | 2100/2600 |            |                     |                           |                             |                 |                         |         |
| 1                     | LTE        | LTE-1    | HUAWEI ASI4516R0v06                          | P | ±29.0m                  | CENTRE                    | UP  | 40°            | 0°         | T.B.D.  | T.B.D.    | N/A        | N/A                 | 4                         | 3                           | H&S             | <5                      | INITIAL |
| 2                     | LTE        | T.B.D.   | HUAWEI ASI4516R0v06                          | P | ±29.0m                  | CENTRE                    | UP  | 40°            | 0°         | T.B.D.  | T.B.D.    | N/A        | N/A                 | 3                         | 0                           | H&S             | <5                      | FUTURE  |
| 3                     | LTE OFFSET | OFFSET-1 | HUAWEI ASI4516R0v06                          | P | ±29.0m                  | CENTRE                    | UP  | 100°           | 0°         | T.B.D.  | T.B.D.    | N/A        | N/A                 | 3                         | 2                           | H&S             | <5                      | INITIAL |
| 4                     | LTE        | LTE-2    | HUAWEI ASI4516R0v06                          | P | ±29.0m                  | CENTRE                    | UP  | 160°           | 0°         | T.B.D.  | T.B.D.    | N/A        | N/A                 | 4                         | 3                           | H&S             | <5                      | INITIAL |
| 5                     | LTE        | T.B.D.   | HUAWEI ASI4516R0v06                          | P | ±29.0m                  | CENTRE                    | UP  | 160°           | 0°         | T.B.D.  | T.B.D.    | N/A        | N/A                 | 3                         | 0                           | H&S             | <5                      | FUTURE  |
| 6                     | LTE OFFSET | OFFSET-2 | HUAWEI ASI4516R0v06                          | P | ±29.0m                  | CENTRE                    | UP  | 220°           | 0°         | T.B.D.  | T.B.D.    | N/A        | N/A                 | 3                         | 2                           | H&S             | <5                      | INITIAL |
| 7                     | LTE        | LTE-3    | HUAWEI ASI4516R0v06                          | P | ±29.0m                  | CENTRE                    | UP  | 280°           | 0°         | T.B.D.  | T.B.D.    | N/A        | N/A                 | 4                         | 3                           | H&S             | <5                      | INITIAL |
| 8                     | LTE        | T.B.D.   | HUAWEI ASI4516R0v06                          | P | ±29.0m                  | CENTRE                    | UP  | 280°           | 0°         | T.B.D.  | T.B.D.    | N/A        | N/A                 | 3                         | 0                           | H&S             | <5                      | FUTURE  |
| 9                     | LTE OFFSET | OFFSET-3 | HUAWEI ASI4516R0v06                          | P | ±29.0m                  | CENTRE                    | UP  | 340°           | 0°         | T.B.D.  | T.B.D.    | N/A        | N/A                 | 3                         | 2                           | H&S             | <5                      | INITIAL |
| 10                    | GPS        | GPS-1    | GPSGLONASS-36-N-S                            | - | ±30.0m                  | -                         | -   | -              | -          | -       | -         | -          | -                   | -                         | -                           | T.B.D.          | -                       | FUTURE  |
| 11-13                 | AWS        | T.B.D.   | T.B.D.                                       | P | ±26.5m                  | 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.          | T.B.D.                  | FUTURE  |
| 14-16                 | 3.5GHz     | T.B.D.   | T.B.D.                                       | P | ±26.5m                  | 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.          | T.B.D.                  | FUTURE  |
| 17-22                 | 2.5GHz     | T.B.D.   | T.B.D.                                       | P | ±26.5m                  | 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.          | T.B.D.                  | FUTURE  |

ANTENNA LOADING CHART AS PER – BC  
CAPACITY AUGMENTS 2018 GENERAL  
SCOPE OF WORK DATED MAY 23, 2018

|     |                    |           |    |
|-----|--------------------|-----------|----|
| 1   | REVISED PER ROGERS | OCT 11/18 | JK |
| 0   | ISSUED FOR REVIEW  | JUN 25/18 | WT |
| REV | DESCRIPTION        | DATE      | BY |





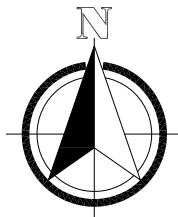
229 - 18525 53RD AVENUE  
SURREY, BC V3S 7A4  
TEL: (778) 805-2166  
INFO@COREONECONSULTANTS.COM

PROJECT:  
  
W4442  
204TH & LOGAN  
  
LANGLEY  
BRITISH COLUMBIA

DRAWING TITLE:  
  
ANTENNA LOADING CHART

SCALE: N/A  
CHECK BY: LC  
DRAWN BY: FS  
DATE: APR 12/18  
CAD FILE: A-3

PROJECT NO: 18C1021  
DRAWING NO: A-3



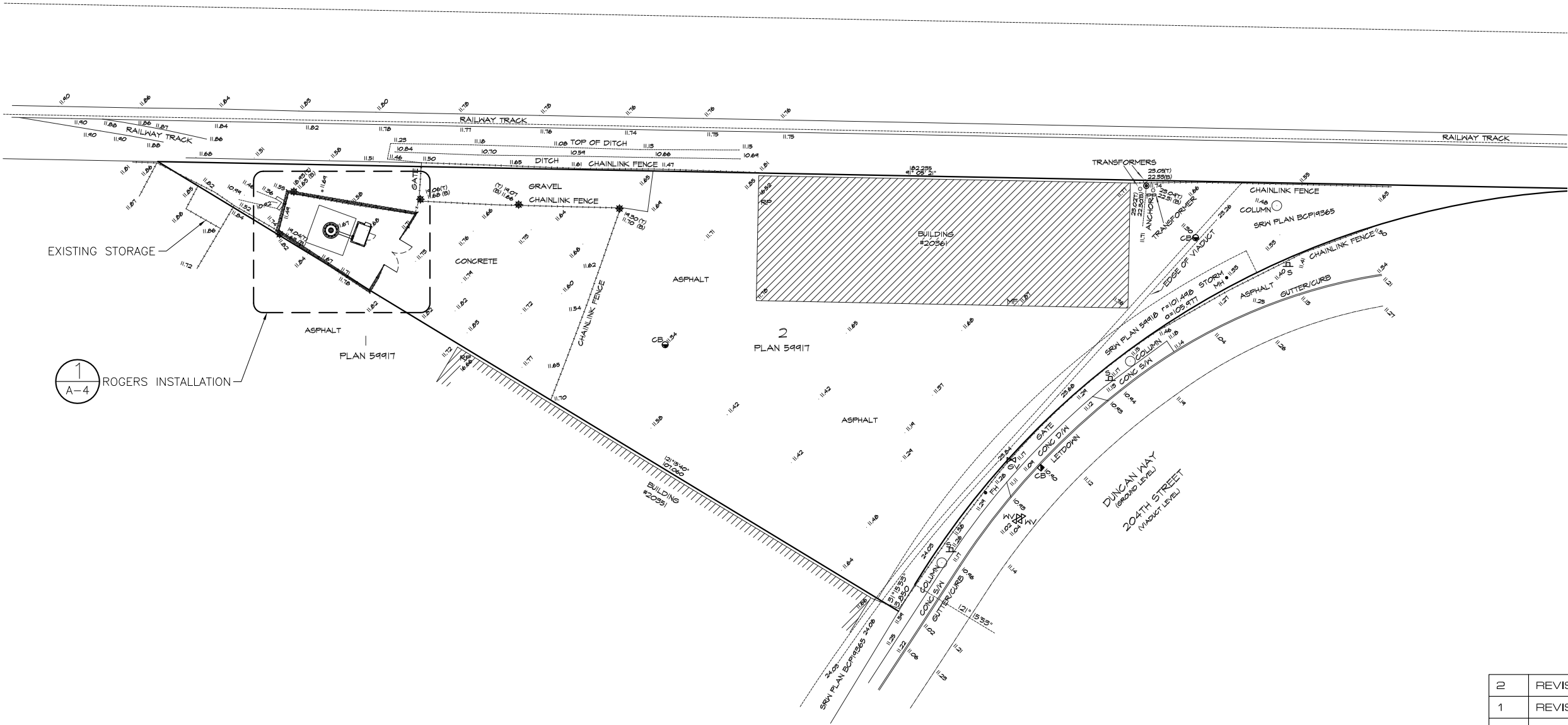
TRUE NORTH ARROW SHOWN ON  
THIS DRAWING IS APPROXIMATE  
ONLY AND MUST BE VERIFIED

NOTES:

1. SITE PLAN INFORMATION OBTAINED FROM SURVEY PREPARED  
BY MATSON PECK & TOPLISS SURVEYORS & ENGINEERS  
DATED JANUARY 29, 2019.

LEGAL DESCRIPTION:

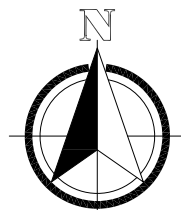
PID: 005-833-850 LOT 2, DISTRICT LOT 309 GROUP 2 NEW  
WESTMINSTER DISTRICT PLAN 59917



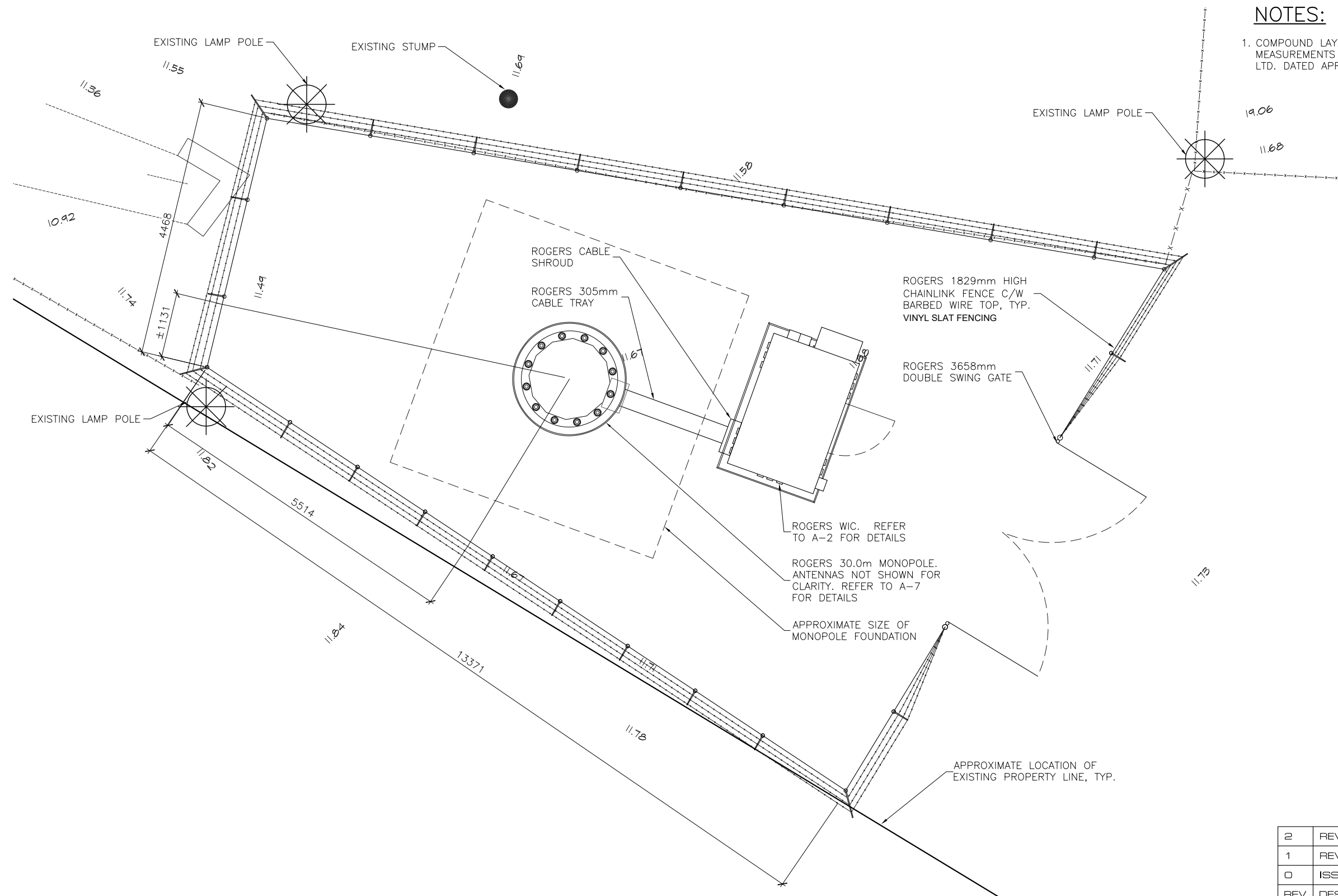
1 SITE PLAN  
1:600

|     |                    |           |    |
|-----|--------------------|-----------|----|
| 2   | REVISED PER ROGERS | JAN 31/19 | NR |
| 1   | REVISED PER ROGERS | OCT 11/18 | JK |
| 0   | ISSUED FOR REVIEW  | JUN 25/18 | WT |
| REV | DESCRIPTION        | DATE      | BY |

|                                                                                                                                                                                              |                                                                           |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------|
|                                                                                                         | PROJECT:<br><br>W4442<br>204TH & LOGAN<br><br>LANGLEY<br>BRITISH COLUMBIA | SCALE: AS NOTED     |
|                                                                                                                                                                                              |                                                                           | CHECK BY: LC        |
|                                                                                                                                                                                              |                                                                           | DRAWN BY: WT        |
|                                                                                                                                                                                              |                                                                           | DATE: JUN 22/18     |
|                                                                                                                                                                                              |                                                                           | CAD FILE: A-4       |
| <br>229 - 18525 53RD AVENUE<br>SURREY, BC V3S 7A4<br>TEL: (778) 805-2166<br>INFO@COREONECONSULTANTS.COM | DRAWING TITLE:<br><br>SITE PLAN                                           | PROJECT NO: 18C1021 |
|                                                                                                                                                                                              |                                                                           | DRAWING NO: A-4     |
|                                                                                                                                                                                              |                                                                           |                     |
|                                                                                                                                                                                              |                                                                           |                     |
|                                                                                                                                                                                              |                                                                           |                     |



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 APRIL 11, 2018.

|     |                    |           |    |
|-----|--------------------|-----------|----|
| 2   | REVISED PER ROGERS | JAN 31/19 | NR |
| 1   | REVISED PER ROGERS | OCT 11/18 | JK |
| 0   | ISSUED FOR REVIEW  | JUN 25/18 | WT |
| REV | DESCRIPTION        | DATE      | BY |

1 COMPOUND LAYOUT  
1:75

**ROGERS**

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CONSULTING

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PROJECT:

W4442  
204TH & LOGAN

LANGLEY  
BRITISH COLUMBIA

DRAWING TITLE:

COMPOUND LAYOUT

SCALE: AS NOTED

CHECK BY: LC

DRAWN BY: FS

DATE: APR 12/18

CAD FILE: A-5

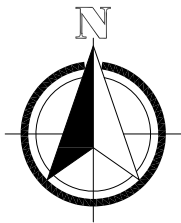
PROJECT NO:

18C1021

DRAWING NO:

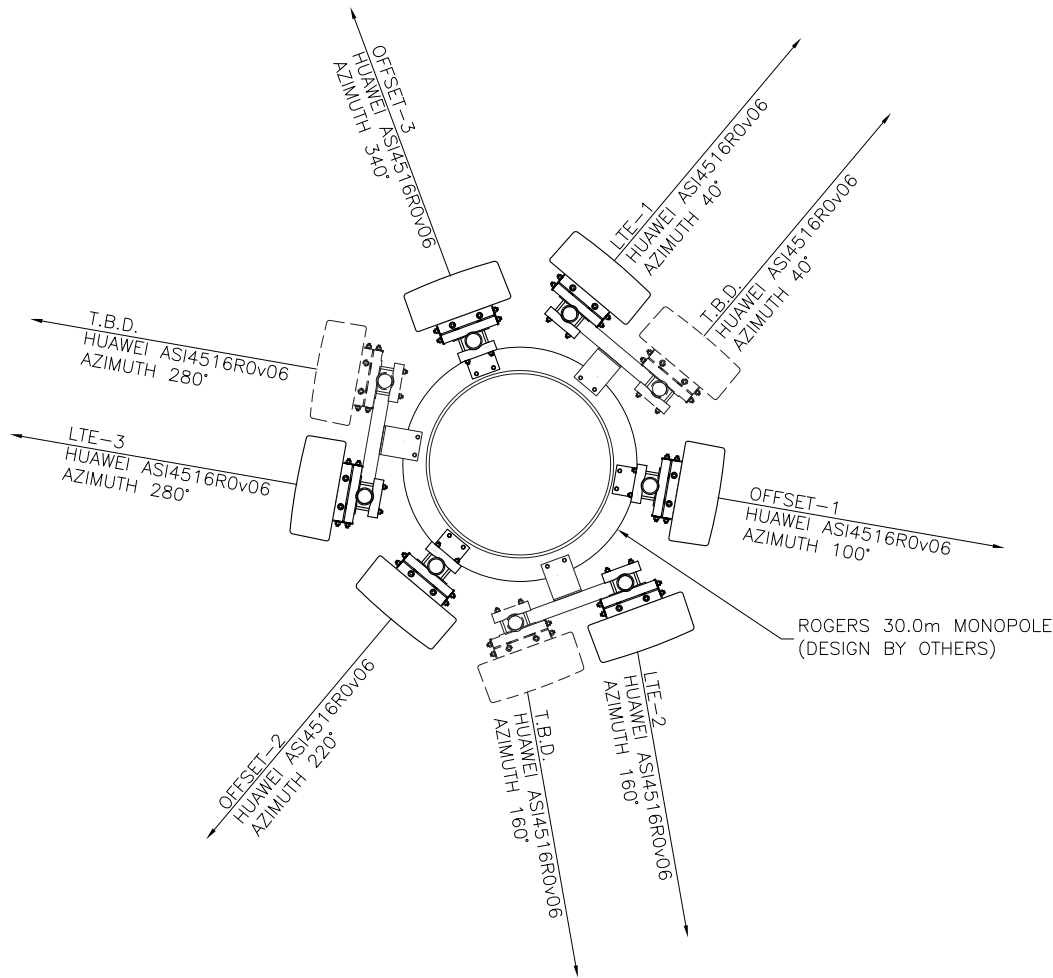
A-5





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

ANTENNA MOUNTING SHOWN IS  
DIAGRAMMATIC ONLY AND WILL BE  
DESIGNED BY MONOPOLE MANUFACTURER



1 ANTENNA LAYOUT  
1:40

|     |                    |           |    |
|-----|--------------------|-----------|----|
| 2   | REVISED PER ROGERS | NOV 26/18 | WT |
| 1   | REVISED PER ROGERS | OCT 11/18 | JK |
| 0   | ISSUED FOR REVIEW  | JUN 25/18 | WT |
| REV | DESCRIPTION        | DATE      | BY |

PROJECT:

W4442  
204TH & LOGAN

LANGLEY  
BRITISH COLUMBIA

SCALE: AS NOTED

CHECK BY: LC

DRAWN BY: FS

DATE: APR 12/18

CAD FILE: A-6

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DRAWING TITLE:

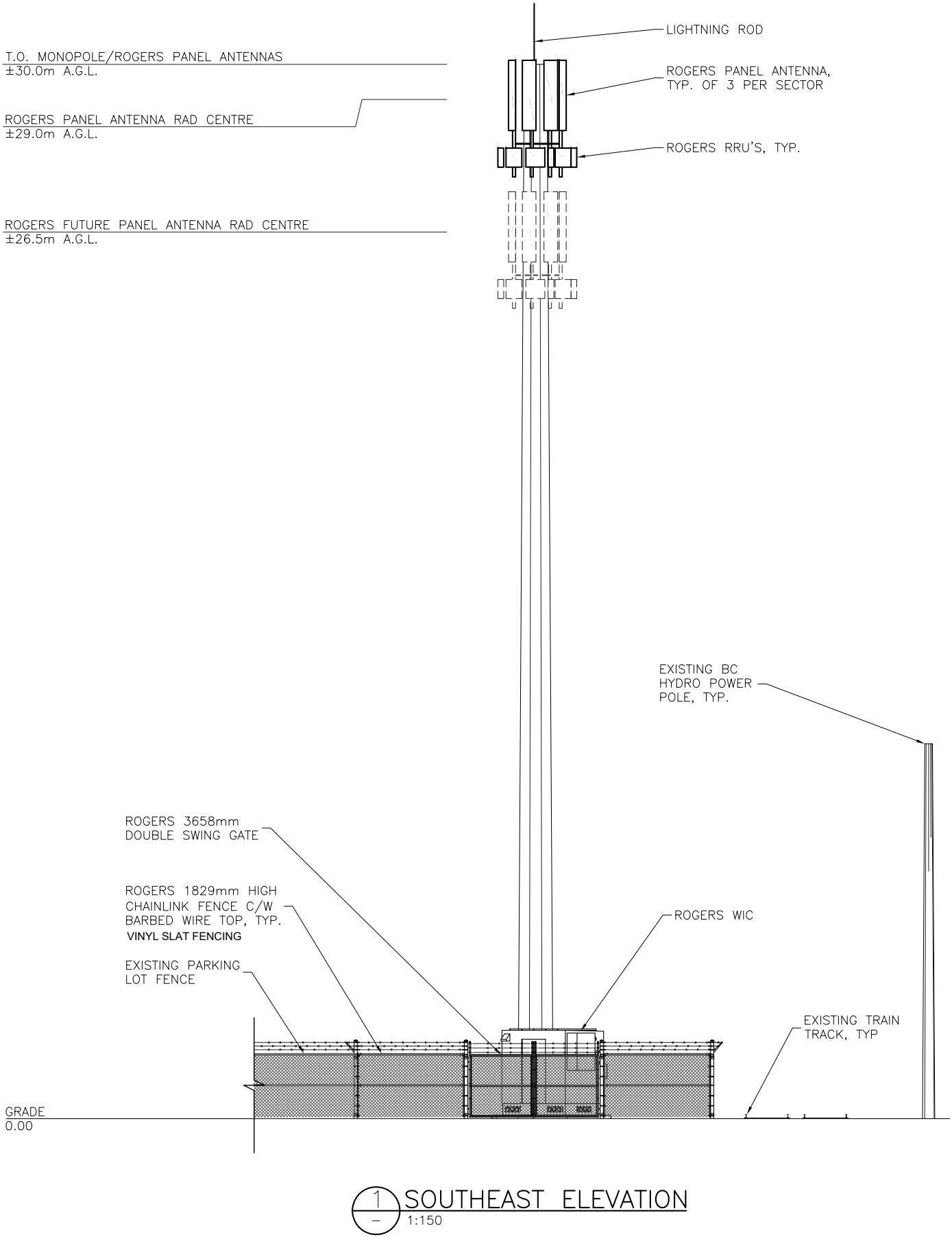
ANTENNA LAYOUT

PROJECT NO: 18C1021

DRAWING NO: A-6

NOTES:

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



|     |                    |           |    |
|-----|--------------------|-----------|----|
| 3   | REVISED PER ROGERS | JAN 31/19 | NR |
| 2   | REVISED PER ROGERS | NOV 26/18 | WT |
| 1   | REVISED PER ROGERS | OCT 11/18 | JK |
| 0   | ISSUED FOR REVIEW  | JUN 25/18 | WT |
| REV | DESCRIPTION        | DATE      | BY |

|                                                                                                         |                                                                           |             |           |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------|-----------|
|                                                                                                         | PROJECT:<br><br>W4442<br>204TH & LOGAN<br><br>LANGLEY<br>BRITISH COLUMBIA | SCALE:      | AS NOTED  |
|                                                                                                         |                                                                           | CHECK BY:   | LC        |
|                                                                                                         |                                                                           | DRAWN BY:   | WT        |
|                                                                                                         |                                                                           | DATE:       | JUN 22/18 |
| <br>229 - 18525 53RD AVENUE<br>SURREY, BC V3S 7A4<br>TEL: (778) 805-2166<br>INFO@COREONECONSULTANTS.COM | DRAWING TITLE:<br><br>SOUTHEAST ELEVATION                                 | CAD FILE:   | A-7       |
|                                                                                                         |                                                                           | PROJECT NO: | 18C1021   |
|                                                                                                         |                                                                           | DRAWING NO: | A-7       |
|                                                                                                         |                                                                           |             |           |