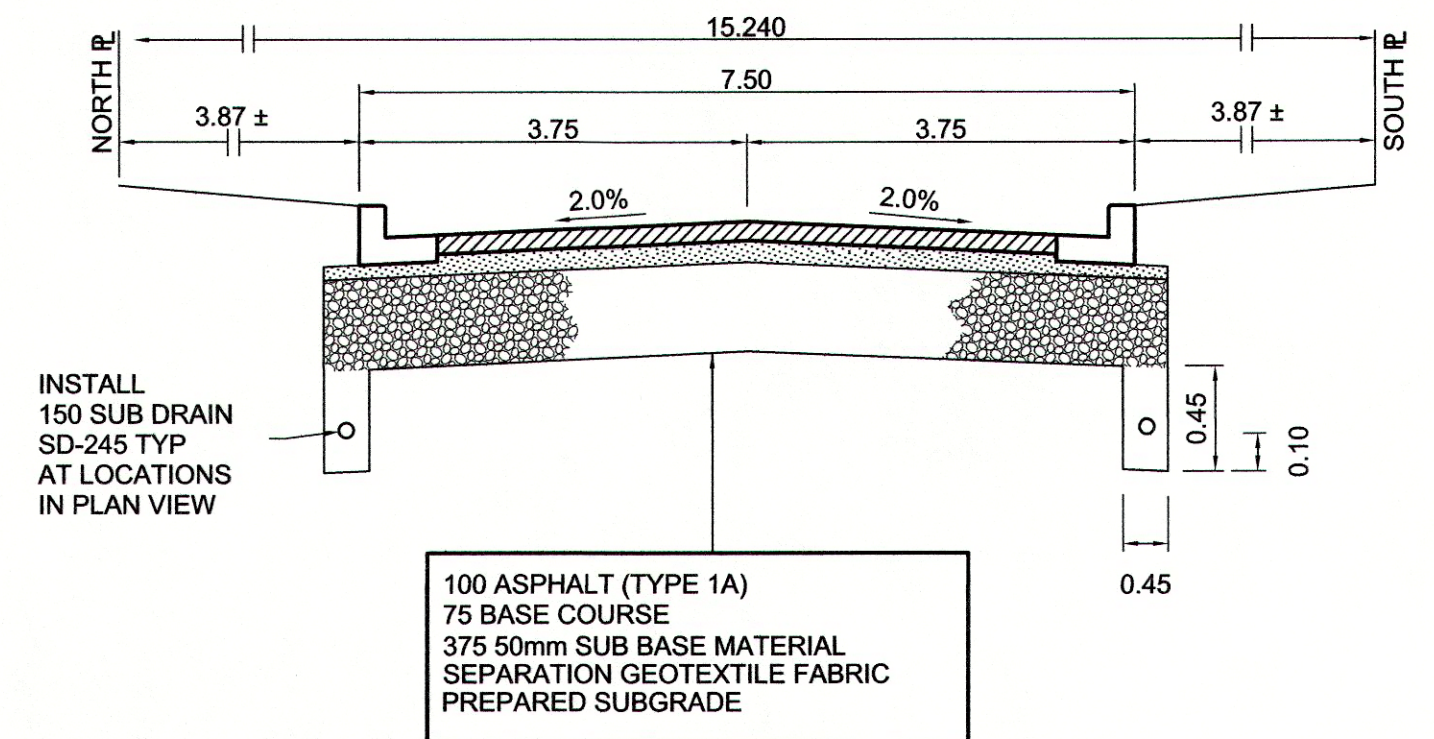
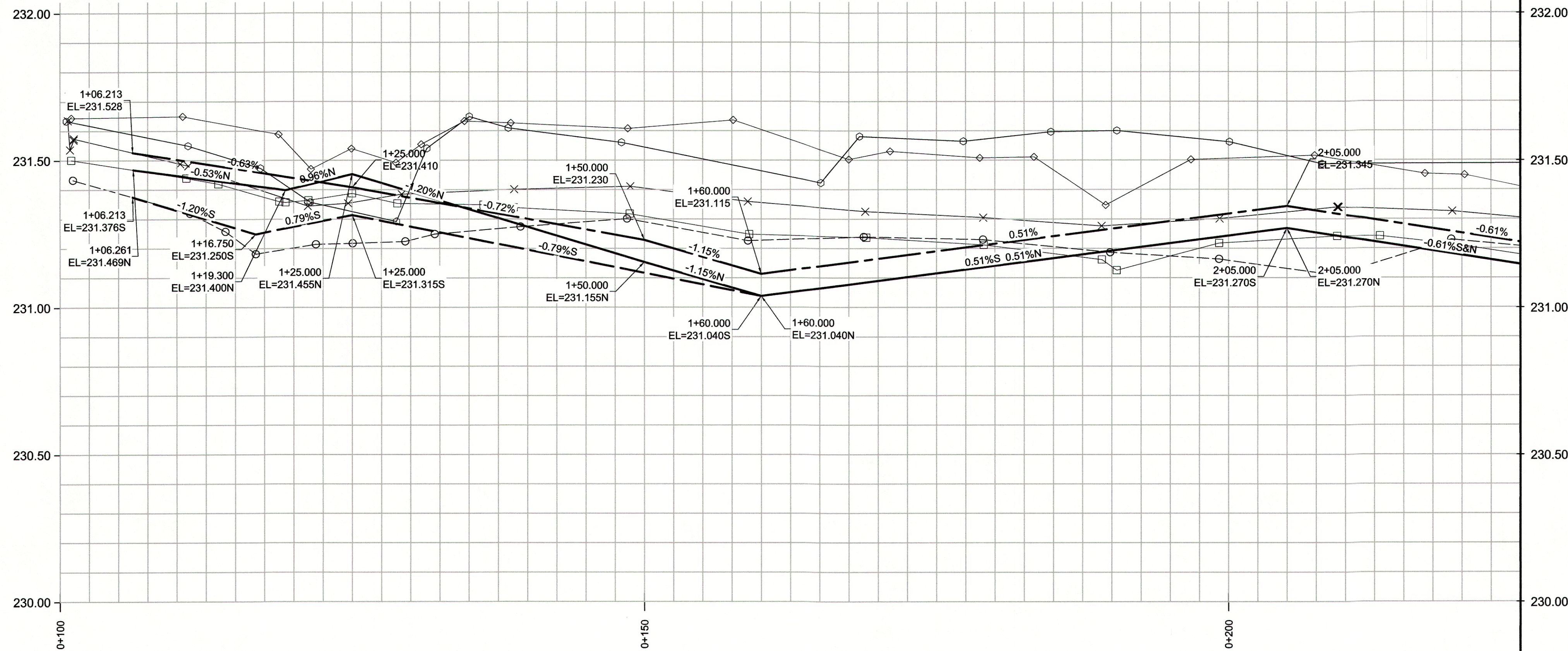


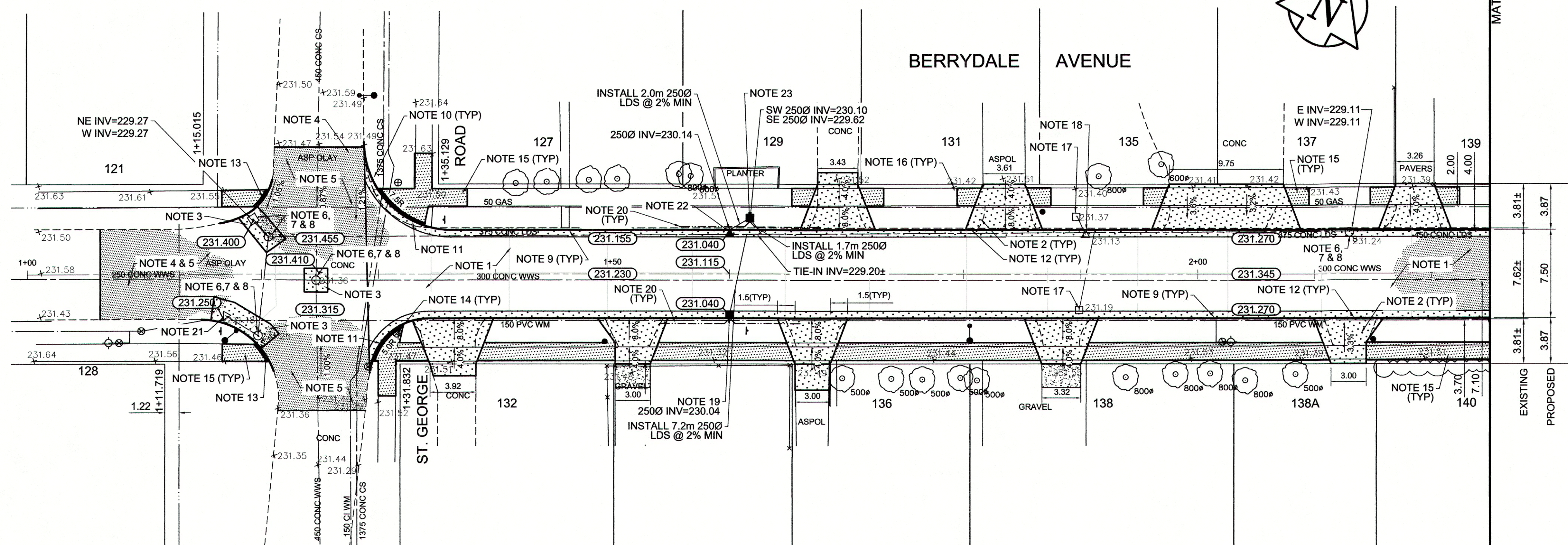


#### REFERENCE NOTES

- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- BASELINE IS CENTRE LINE RIGHT-OF-WAY
- PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
- REFER TO AECOM FIELD BOOK NO. 4814

#### CONSTRUCTION NOTES

- REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW ASPHALTIC PAVEMENT TYPE1A (100mm)
- REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
- REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w 65mm ASPHALT OVERLAY
- REMOVE EXISTING ASPHALTIC PAVEMENT
- PLACE NEW ASPHALTIC PAVEMENT TYPE 1A (AVG. THICKNESS 85mm)
- REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND COVER (AP-005 AND AP-004)
- ADJUST EXISTING MANHOLE/CATCH BASIN TO GRADE
- INSTALL NEW CAST IRON RISER RING
- CONSTRUCT NEW BARRIER CURB AND GUTTER (180mm HT.)
- CONSTRUCT NEW MODIFIED BARRIER CURB AND GUTTER (180mm HT.)
- CONSTRUCT NEW CURB RAMP AND GUTTER (10mm HT. INTEGRAL)
- CONSTRUCT NEW LIP CURB AND GUTTER (40mm HT. INTEGRAL)
- CONSTRUCT NEW CURB RAMP (10mm HT. INTEGRAL)
- ADJUST EXISTING WATER VALVE TO GRADE
- RENEW EXISTING 100mm CONCRETE SIDEWALK
- ADJUST EXISTING CURB STOP
- REMOVE EXISTING CATCHBASIN AND ABANDON LEAD
- REMOVE EXISTING INLET AND ABANDON LEAD
- INSTALL NEW CURB AND GUTTER INLET c/w 1200 CATCHBASIN (SD-024) AND CONNECT TO EXISTING 375 CONC LDS
- INSTALL 150mm SUBDRAINS
- ADJUST EXISTING INLET TO GRADE
- INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT TO NEW CATCHBASIN
- INSTALL NEW CATCHBASIN (SD-025) AND CONNECT TO EXISTING 375 CONC LDS



| 150 mm W.M. | WATERMAIN           | 150 mm W.M. | HYDRO             | 150 mm W.M.   | HYDRO             | 150 mm W.M. | HYDRO             | 150 mm W.M. | HYDRO             |
|-------------|---------------------|-------------|-------------------|---------------|-------------------|-------------|-------------------|-------------|-------------------|
| ○           | HYDRANT             | ○           | M.T.S.            | ○             | M.T.S.            | ○           | M.T.S.            | ○           | M.T.S.            |
| ○           | VALVE               | ○           | CONCRETE          | ○             | CONCRETE          | ○           | CONCRETE          | ○           | CONCRETE          |
| ○           | LAND DRAINAGE SEWER | ○           | ASPHALT           | ○             | ASPHALT           | ○           | ASPHALT           | ○           | ASPHALT           |
| ○           | WASTEWATER SEWER    | ○           | PROPERTY LINE     | ○             | PROPERTY LINE     | ○           | PROPERTY LINE     | ○           | PROPERTY LINE     |
| ○           | MANHOLE             | ○           | SURVEY BAR        | ○             | SURVEY BAR        | ○           | SURVEY BAR        | ○           | SURVEY BAR        |
| ○           | CATCH BASIN         | ○           | ELEVATION         | ○             | ELEVATION         | ○           | ELEVATION         | ○           | ELEVATION         |
| ○           | CATCH PIT           | ○           | TREE              | ○             | TREE              | ○           | TREE              | ○           | TREE              |
| ○           | JUNCTIONS           | ○           | SIDEWALK RAMP     | ○             | SIDEWALK RAMP     | ○           | SIDEWALK RAMP     | ○           | SIDEWALK RAMP     |
| ○           | CULVERT             | ○           | CONCRETE SIDEWALK | ○             | CONCRETE SIDEWALK | ○           | CONCRETE SIDEWALK | ○           | CONCRETE SIDEWALK |
| ○           | GAS                 | ○           | FENCE             | ○             | FENCE             | ○           | FENCE             | ○           | FENCE             |
| EXISTING    | LEGEND - PLAN       | PROPOSED    | EXISTING          | LEGEND - PLAN | PROPOSED          | EXISTING    | LEGEND - PROFILE  | PROPOSED    | LEGEND - PROFILE  |

| LOCATION APPROVED                                                                                                                                                                                                                                                                                                                                | UNDERGROUND STRUCTURES |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| SURV. U/G STRUCTURES                                                                                                                                                                                                                                                                                                                             | DATE                   |
| NOTE:                                                                                                                                                                                                                                                                                                                                            |                        |
| LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION. |                        |

|            |                   |            |                                                                                                                    |
|------------|-------------------|------------|--------------------------------------------------------------------------------------------------------------------|
| B.M. ELEV. | 74M514            | 232.171    | Tbl in E conc foundation of Manitoba Telephone System building #460 St. Anne's Rd, 1.7m S of NE corner of building |
| 0          | ISSUED FOR TENDER | 03/20/2014 | BC                                                                                                                 |
| A          | ISSUED FOR REVIEW | 02/13/2014 | BC                                                                                                                 |
| NO.        | REVISIONS         | DATE       | BY                                                                                                                 |

|             |            |                               |             |
|-------------|------------|-------------------------------|-------------|
| DESIGNED BY | BC/SS      | CHECKED BY                    | KWR         |
| DRAWN BY    | JT/RT      | APPROVED BY                   |             |
| HOR. SCALE: | 1:250      | RELEASED FOR CONSTRUCTION BY: |             |
| VERTICAL:   | 1:10       |                               |             |
| DATE        | MARCH 2014 | DATE                          | March 19/14 |

|                        |                      |          |                                  |
|------------------------|----------------------|----------|----------------------------------|
| ENGINEER'S SEAL        | PROVINCE OF MANITOBA | K.W. RAE | REGISTERED PROFESSIONAL ENGINEER |
| CONSULTANT DRAWING NO. | CT-19                |          |                                  |

|                                                       |                         |                      |                     |
|-------------------------------------------------------|-------------------------|----------------------|---------------------|
| THE CITY OF WINNIPEG                                  | PUBLIC WORKS DEPARTMENT | ENGINEERING DIVISION | CITY DRAWING NUMBER |
| 2014 LOCAL STREET RENEWAL PROGRAM                     |                         |                      | SHEET 19 OF 27      |
| BERRYDALE AVENUE - ST. GEORGE ROAD TO ST. ANNE'S ROAD | ASPHALT RECONSTRUCTION  |                      |                     |
| ST. GEORGE ROAD TO STATION 2+25                       |                         |                      |                     |