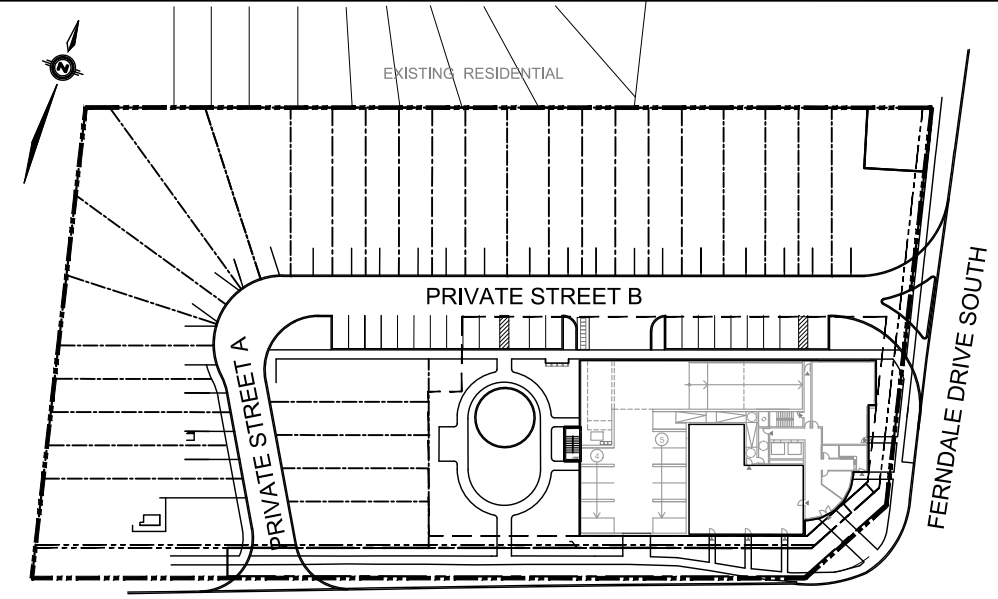
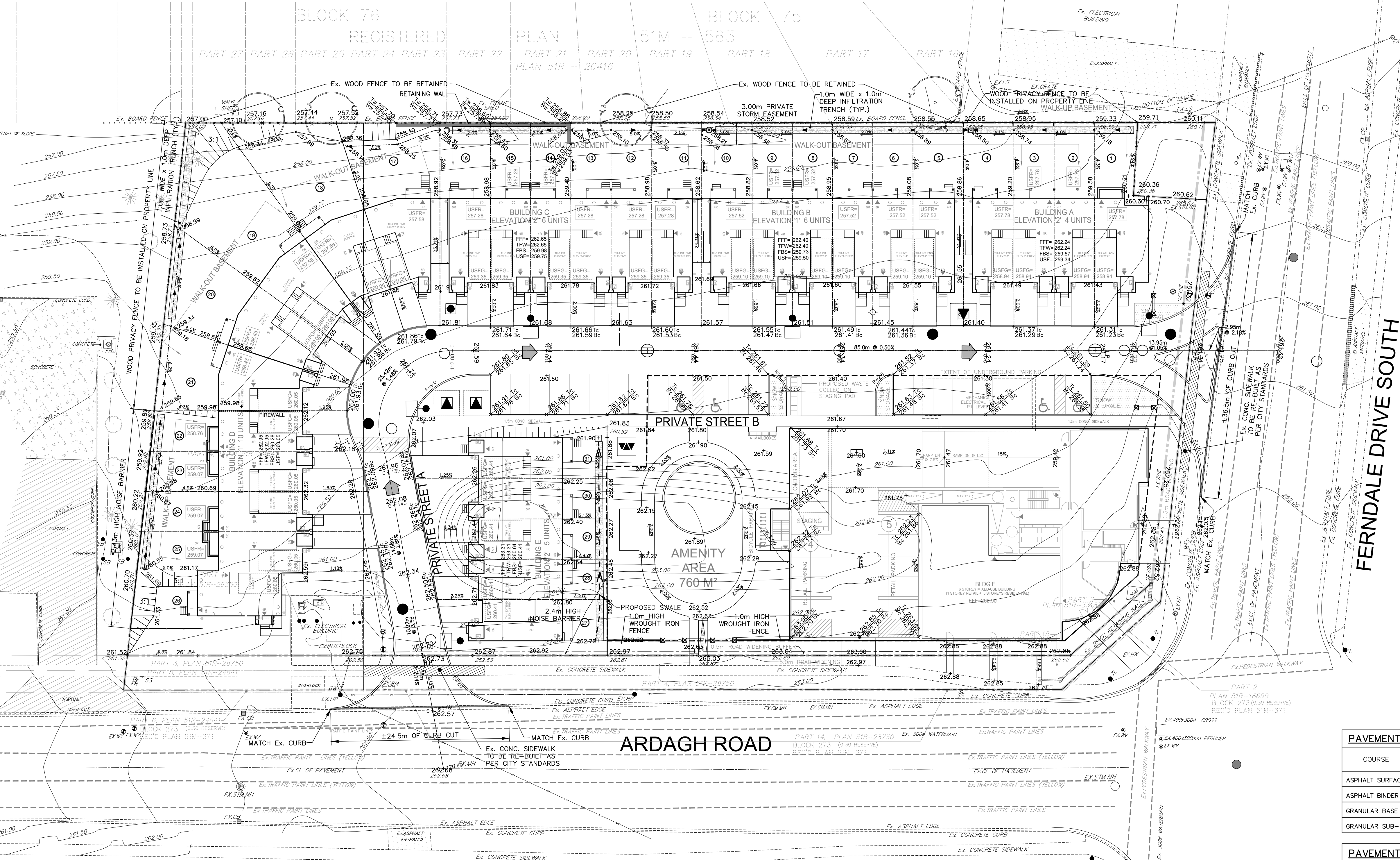




KEY PLAN  
N.T.S.

LEGEND

- DENOTES VALVE AND CHAMBER
- DENOTES HYDRANT
- DENOTES SINGLE CATCHBASIN
- DENOTES DOUBLE CATCHBASIN
- DENOTES EX. CATCHBASIN
- DENOTES PROPOSED SANITARY MANHOLE
- DENOTES PROPOSED STORM MANHOLE
- DENOTES EXISTING SANITARY MANHOLE
- DENOTES EXISTING STORM MANHOLE
- DENOTES PROPOSED ELEVATION
- DENOTES EXISTING ELEVATION
- DENOTES TOP OF CURB ELEVATION
- DENOTES TOP OF WALL ELEVATION
- DENOTES BOTTOM OF WALL ELEVATION
- DENOTES EXISTING CONTOUR
- DENOTES OVERLAND FLOW ROUTE
- DENOTES EXISTING TREE
- DENOTES RETAINING WALL
- DENOTES LIMIT OF SUBDIVISION
- DENOTES WOOD PRIVACY FENCE (REFER TO LANDSCAPING DWG.)
- DENOTES NOISE BARRIER (REFER TO LANDSCAPING DWG.)
- DENOTES 1.0m HIGH WROUGHT IRON FENCE (REFER TO LANDSCAPING DWG.)
- DENOTES PRIVATE STREETLIGHT
- DENOTES STREETLIGHT PEDESTAL
- DENOTES PROPOSED ALECTRA UTILITIES TRANSFORMER

GENERAL NOTES FOR SITE PLAN

- AT ALL ENTRANCES TO THE SITE, THE ROAD CURB AND SIDEWALK WILL BE CONTINUOUS THROUGH THE DRIVEWAY. THE DRIVEWAY GRADE WILL BE COMPATIBLE WITH THE EXISTING SIDEWALK AND CURB DEPRESSION WILL BE PROVIDED FOR AT EACH ENTRANCE.
- SIDEWALK TO BE REMOVED AND REPLACED AS PER CITY OF BARRIE STANDARDS AS DIRECTED BY THE ENGINEERING DEPARTMENT.
- ALL UNDERGROUND SERVICE MATERIALS AND INSTALLATIONS TO BE IN ACCORDANCE WITH THE CITY OF BARRIE'S LATEST STANDARDS AND CODES.
- ALL SURFACE DRAINAGE SHALL BE SELF CONTAINED, COLLECTED AND DISCHARGED AT A LOCATION TO BE APPROVED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT. DRAINAGE OF ADJUTING PROPERTIES SHALL NOT BE ADVERSELY AFFECTED.
- ALL STORM SEWER MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO CURRENT MUNICIPAL AND PROVINCIAL STANDARDS AND SPECIFICATIONS.
- STORM SEWER (AND/OR PRIVATE SEWERS WITHIN RIGHT-OF-WAY) AND CONNECTIONS 250mm DIAMETER AND LARGER ARE TO BE CONCRETE CULS OR CONCRETE CUL WITH TYPE "B" BEDDING THROUGHOUT EXCEPT AS RISERS, UNLESS OTHERWISE NOTED.
- ALL CATCHBASIN MANHOLES ARE TO BE AS OPSD STANDARD DRAWINGS 700.03

PAVEMENT DESIGN ON ROOF OF UNDERGROUND GARAGE

| COURSE            | THICKNESS (mm) | OPS SPECIFICATIONS            |
|-------------------|----------------|-------------------------------|
| ASPHALT SURFACE   | 40             | HL-3                          |
| ASPHALT BINDER    | 50             | HL-8                          |
| GRANULAR BASE     | 250            | OPSS GRANULAR A OR EQUIVALENT |
| GRANULAR SUB-BASE | 100            | FREE-DRAINING SAND FILL       |

PAVEMENT DESIGN ON-GRADE PARKING AND DRIVEWAY

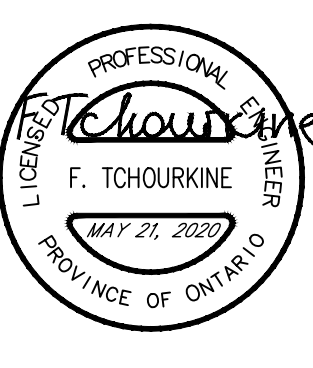
| COURSE            | THICKNESS (mm) | OPS SPECIFICATIONS            |
|-------------------|----------------|-------------------------------|
| ASPHALT SURFACE   | 40             | HL-3                          |
| ASPHALT BINDER    | 50             | HL-8                          |
| GRANULAR BASE     | 150            | OPSS GRANULAR A OR EQUIVALENT |
| GRANULAR SUB-BASE | 250            | OPSS GRANULAR B OR EQUIVALENT |

BENCH MARKS  
DISTANCE NOTE  
DISTANCES SHOWN HEREON ARE GROUND DISTANCES AND CAN BE CONVERTED TO GRID BY APPLYING A COMBINED SCALE FACTOR OF 0.999936148.  
BEARING NOTE  
BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY REAL TIME NETWORK (RTN) OBSERVATIONS, UTM ZONE 17 MAD83 (CSRS/2010.0).  
GEODETIC  
ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE DERIVED FROM THE CITY OF BARRIE MONUMENT NO. 03120080042 HAVING AN ELEVATION = 250.875 METRES.

| NO. | REVISIONS | DATE | APPROVED |
|-----|-----------|------|----------|
|     |           |      |          |
|     |           |      |          |
|     |           |      |          |
|     |           |      |          |

**SCHAEFFERS**  
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Fax: (905) 738-6875  
E-mail:  
design@schaeffers.com



CITY OF BARRIE  
ACCEPTED  
DATE: . . . . .  
DIRECTOR OF ENGINEERING

224 ARDAGH ROAD &  
204 FERNDAL DRIVE SOUTH  
GRADING PLAN

**The City of BARRIE**  
ENGINEERING DEPARTMENT  
SCALE HOR. 1:300 VERT. . . . . PROJECT NO. **4623**  
DESIGN F.T. DRAWN T.K. SHEET NO. **GR-1**  
REVIEWED P.C. DATE APRIL 2019