

**SITE PLAN**  
SCALE 1:100  
01-S-0001

**DRAWING NOTES**

- GENERAL**
- DO NOT SCALE DRAWINGS.
  - VERIFY ALL DIMENSIONS SHOWN PRIOR TO COMMENCING CONSTRUCTION.
  - VERIFY WEIGHT AND LOCATION OF ALL EQUIPMENT ON STRUCTURE AND REPORT ANY DISCREPANCIES TO CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
  - LOCATE UNDERGROUND SERVICES AND PROTECT THEM AT ALL TIMES DURING CONSTRUCTION.
  - STRUCTURAL DRAWINGS SHOWING THE COMPLETED STRUCTURE DO NOT INDICATE COMPONENTS WHICH MAY BE NECESSARY FOR SAFETY DURING CONSTRUCTION.
- SELECTIVE DEMOLITION**
- REMOVE ITEMS AND MATERIALS WHERE SHOWN ON DRAWINGS. REMOVE ONLY MATERIALS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
  - PROTECT WORK TO REMAIN.
  - PROVIDE PROTECTION TO PERSONNEL WORKING IN ADJACENT AREAS, AND TO THE PUBLIC.
  - CAP OFF AND MAKE SAFE MECHANICAL AND ELECTRICAL SERVICES AS REQUIRED.
  - STORE AND PROTECT MATERIALS AND ITEMS TO BE INSTALLED IN RENOVATED AREAS.
  - REMOVE FROM SITE ALL MATERIALS NOT REQUIRED.

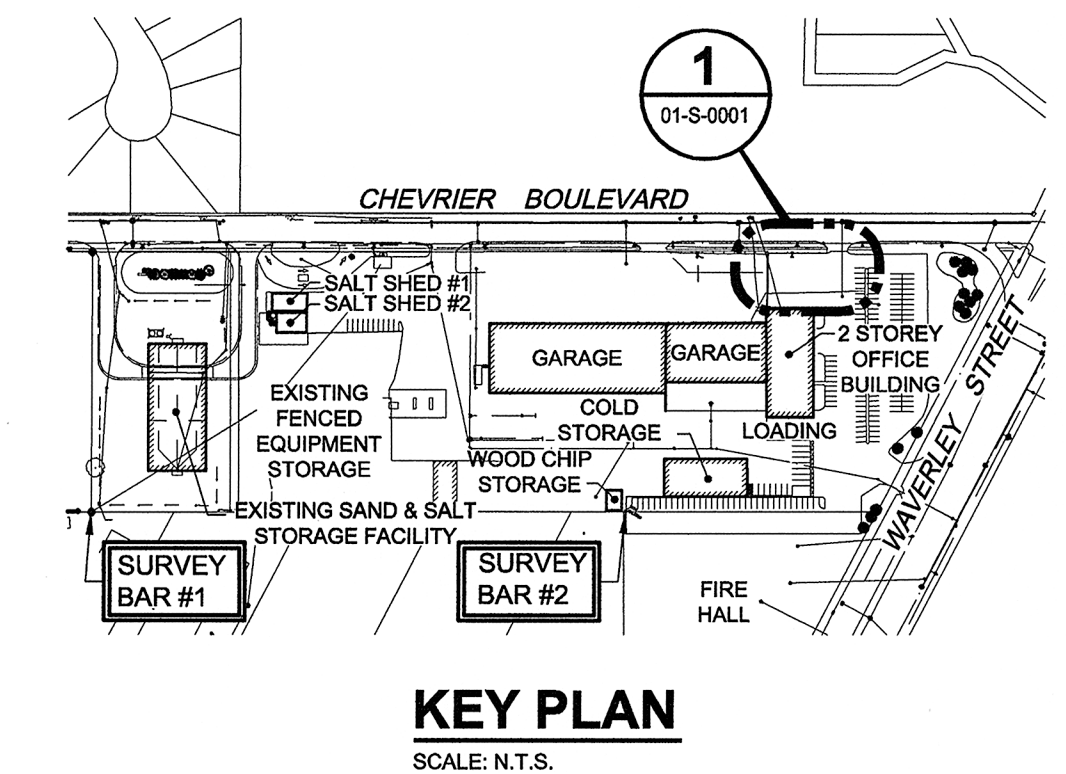
- EARTHWORK**
- EXCAVATE AS REQUIRED AND REMOVE FROM SITE MATERIALS NOT REQUIRED FOR BACK FILL OR GRADING.
  - BACKFILL WITH MATERIALS INDICATED ON DRAWINGS AND SPECIFICATIONS.
  - COMPACTION (STANDARD PROCTOR DRY DENSITY %)  
 .1 SUB GRADE: 95%  
 .2 UNDER SLAB-ON-GRADE 100%
  - GRADE AND FILL SITE TO ELEVATION SHOWN ALLOWING TOPSOIL, PLANTING OR GRADE PAVEMENTS.
  - FILL IN 8" (200mm) LIFTS (LOOSE) AND COMPACT EACH LIFT TO REQUIRED DENSITY.

- CAST-IN-PLACE CONCRETE**
- ALL CONCRETE TO BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH LATEST EDITION OF CSA A23.1 AND CSA A23.2.
  - CONCRETE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON DRAWINGS.
- SLABS-ON-GRADE:**  
 32MPa;  
 SLUMP MAX. 70mm;  
 AGGREGATE MAX. 20mm;  
 ENTRAINED AIR 5-8%
- AIR ENTRAINING ADMIXTURES SHALL CONFORM TO REQUIREMENTS OF CSA A266.4.

- REINFORCING STEEL**
- ALL REINFORCING STEEL TO BE CSA G30.12M 400W MPa DEFORMED BARS. ALL REINFORCING TO BE DETAILED IN ACCORDANCE WITH LATEST EDITION OF ACI DETAILING MANUAL, UNLESS OTHERWISE NOTED.
  - ALL REINFORCING TO BE HELD IN PLACE AND TIED WITH PROPER ACCESSORIES, SUCH AS HI-CHAIRS AND SPACERS. SUPPLY AND DETAIL ALL ACCESSORIES. HI-CHAIRS TO HAVE 4 LEGS AND TO BE STAPLED OR NAILED TO FORMWORK.
  - ALL OPENINGS THROUGH CAST-IN-PLACE CONCRETE TO BE TRIMMED WITH 2-15M EXTENDING A MINIMUM OF 24" (600mm) PAST OPENING UNLESS NOTED OTHERWISE.
- METAL FABRICATIONS**
- PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.
  - MATERIAL: (GALVANIZED) STEEL AND PAINTED
  - WELDING: STEEL TO CSA W59-M1989
  - STEEL SECTIONS AND PLATES: TO CAN3 G40.21-92 GRADE 300W.
  - STEEL PIPE: TO ASTM A53.
  - BOLTS AND ANCHOR BOLTS: STAINLESS STEEL

| SURVEY BAR CONTROL POINTS |  |         |
|---------------------------|--|---------|
|                           | LOCAL COORDINATE SYSTEM (GROUND DISTANCES) |         |
| CONTROL POINTS            | NORTHING                                   | EASTING |
| SURVEY BAR#1              | 2732.674                                   | 10.459  |
| SURVEY BAR#2              | 2733.482                                   | 293.089 |

| WORKING POINT COORDINATES |  |         |
|---------------------------|--|---------|
|                           | LOCAL COORDINATE SYSTEM (GROUND DISTANCES) |         |
| W.P.                      | NORTHING                                   | EASTING |
| W.P. 1                    | 2850.641                                   | 374.276 |
| W.P. 2                    | 2850.641                                   | 389.276 |



DO NOT SCALE THIS DOCUMENT.  
 ALL MEASUREMENTS MUST BE OBTAINED FROM STATED DIMENSIONS.  
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**PRELIMINARY**  
 NOT FOR CONSTRUCTION  
 Date: 08/05/06

| I/R | YY/MM/DD | ISSUE/REVISION DESCRIPTION            | DRN | CHK | DES | ENG | IDR | APP |
|-----|----------|---------------------------------------|-----|-----|-----|-----|-----|-----|
| D   | 08/05/06 | Revised For Bid - With Owner Comments | EDM | MP  | CGC | SBB | SBB | BLL |
| C   | 08/04/21 | Issued For Bid                        | MP  | CGC | SBB | SBB | BLL | -   |
| B   | 08/04/07 | Issued For Review                     | MP  | CGC | SBB | SBB | BLL | -   |
| A   | 08/03/07 | Issued For Review                     | MP  | CK  | SBB | SBB | WJ  | -   |



**City of Winnipeg**  
 Construction of a New Fueling Facility  
 District 6 Public Works Yard, 1539 Waverley St.  
**Structural Site Plan**

|                |                |                |
|----------------|----------------|----------------|
| PROJECT NUMBER | DRAWING NUMBER | ISSUE/REVISION |
| 0265-405-00    | 01-S-0001      | D              |