

- CONSTRUCTION NOTES FOR ROADWAY:**
- STATIONING IN SOUTH GUTTER OF BISHOP GRANDIN BLVD. UNLESS NOTED OTHERWISE.
  - STATIONING CONTINUES FROM 2007 REHABILITATION, SEE P-3284.
  - SEE P-3300-22 FOR TYPICAL CROSS SECTIONS AND DETAILS.
  - FINAL CURB HEIGHT TYPICALLY 75-100 mm. CURB TO BE REPLACED AS DIRECTED BY CONTRACT ADMINISTRATOR IF FINAL REVEAL IS LESS THAN 75 mm.
  - ALL DIMENSIONS ARE TO BACK OF CURB.
  - ADJUST OR REPLACE EXISTING DRAINAGE INLETS WITH NEW SD-024 OR SD-023 AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
  - ISOLATE MISCELLANEOUS ITEMS IN NEW CONCRETE WORKS AS PER SD-228C.
  - PLANE HEADERS AT ALL INTERSECTING PUBLIC STREETS.
  - LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS.
  - TRAFFIC SIGNAL POLES, CONTROLLERS AND UNDERGROUND APPURTENANCES IN PROJECT AREA TO BE UPGRADED BY OTHERS.
  - CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION.
  - LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
  - PLANE EXISTING ASPHALT OVERLAY WITHIN CONTRACT LIMITS TO DEPTH INDICATED BY THE CONTRACT ADMINISTRATOR.
  - LIMITS OF CURB AND GUTTER REPLACEMENT, JOINT AND SLAB REPAIRS, GRANULAR SHOULDER REGRADING, AND TIE INS TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.

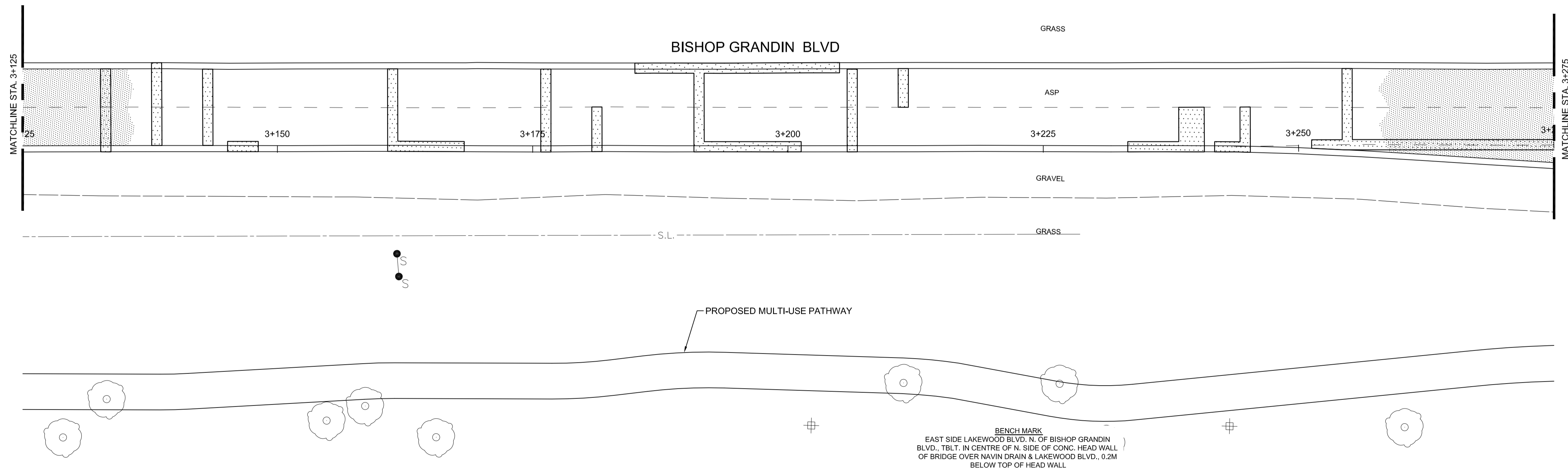
**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**WARNING**

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.



**APEGM**  
Certificate of Authorization  
**Dillon Consulting Limited (MB)**  
No. 1789 Date: \_\_\_\_\_

|          |                     |          |          |             |               |                     |                |
|----------|---------------------|----------|----------|-------------|---------------|---------------------|----------------|
| 150 WM   | WATERMAIN           | 150 WM   | HYDRO    | HYDRO       | 150 mm W.M.   | WATERMAIN           | 150 mm W.M.    |
| ⊕        | HYDRANT             | ⊕        | MTS      | MTS         | +             | HYDRANT             | +              |
| ⊗        | VALVE               | ⊗        |          |             | ⊗             | VALVE               | ⊗              |
| 300 LDS  | LAND DRAINAGE SEWER | 300 LDS  |          |             | 300 mm L.D.S. | LAND DRAINAGE SEWER | 300 mm L.D.S.  |
| 250 WWS  | WASTE WATER SEWER   | 250 WWS  |          |             | 250 mm W.W.S. | WASTE WATER SEWER   | 250 mm W.W.S.  |
| ○        | MANHOLE             | ●        |          |             | ○             | MANHOLE             | ○              |
| □        | CATCH BASIN         | ■        |          |             | □             | CATCH BASIN         | □              |
| ▽        | CURB INLET          | ▽        |          |             | ▽             | CURB INLET          | ▽              |
| +        | JUNCTIONS           | +        |          |             | +             | JUNCTIONS           | +              |
| —        | CULVERT             | —        |          |             | —             | CULVERT             | —              |
| 100 GAS  | GAS                 | 100 GAS  |          |             | 100 GAS       | GAS                 | 100 GAS        |
| EXISTING | LEGEND—PLAN         | PROPOSED | EXISTING | LEGEND—PLAN | PROPOSED      | EXISTING            | LEGEND—PROFILE |

**UNDERGROUND 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.

|                            |             |
|----------------------------|-------------|
| DESIGNED BY                | SPC         |
| DRAWN BY                   | TJH         |
| CHECKED BY                 | DBW         |
| APPROVED BY                | DPK         |
| HOR. SCALE                 | 1:250       |
| VERTICAL                   | 1:10        |
| RELEASSED FOR CONSTRUCTION | DATE: _____ |

ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
REGISTERED PROFESSIONAL ENGINEER  
**D.B. WIEBE**  
04/29/09  
Member 22480  
CONSULTANT PROJECT NUMBER  
**08-1175**

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

**BISHOP GRANDIN BLVD - EASTBOUND**  
LAKEWOOD TO LAGIMODIERE

CITY DRAWING NUMBER  
**P-3300-07**

SHEET **07** OF **27**

CONSULTANT DRAWING NUMBER  
-

PAVEMENT REHABILITATION - STA. 3+125 TO STA. 3+275

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