



- CONSTRUCTION NOTES:**
1. CONTRACTOR TO EXERCISE CAUTION WHEN INSTALLING SUB DRAINS TO PREVENT CROSSING CONFLICTS WITH EXISTING GAS SERVICES.
  2. CONTRACTOR SHALL TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO EXISTING BOULEVARDS AND TREES WITHIN THE LIMITS OF CONSTRUCTION.
  3. LOCATION OF EXISTING SERVICES ARE TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
  4. TIE-INS TO BE VERIFIED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
  5. BOULEVARD REPLACEMENT TO BE FINALIZED IN THE FIELD AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
  6. PRIVATE APPROACHES TO BE REPLACED AS PER SD-235 WITH A MINIMUM WIDTH OF 3.0m.
  7. SUB DRAINS SHALL BE INSTALLED AS PER SD-245.
  8. CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE RESIDENTS HAVE REMOVED ALL VEHICLES, TRAILERS ETC. FROM GARAGES/DRIVEWAYS PRIOR TO REMOVAL OF STREET IN FRONT OF RESPECTIVE PROPERTIES.

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

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

**BENCH MARK**  
84R539 - N.E. COR. GRANT AVE. & PARK BLVD. W., TBLT. ON TOP OF 0.05m DIA. x 2.4m IRON PIPE, 8.5m N. OF S.L. OF GRANT AVE. & 8.1m E. OF W.L. OF PARK BLVD. W.

**TYPICAL CROSS SECTION**  
N.T.S.

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	150 mm W.M.	WATERMAIN	150 mm W.M.
⊕	HYDRANT	⊕	M.T.S.	⊕	HYDRANT	⊕
⊕	VALVE	⊕	CONCRETE	⊕	VALVE	⊕
300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.	ASPHALT	300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.
250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.	PLANING	250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.
○	MANHOLE	●	SIDEWALK	○	MANHOLE	○
⊕	CATCH BASIN	⊕	PAVING STONES	⊕	CATCH BASIN	⊕
▽	CURB INLET	▽	PARTIAL DEPTH REPAIR	▽	CURB INLET	▽
⊕	JUNCTIONS	⊕	PROPERTY LINE	⊕	JUNCTIONS	⊕
⊕	CULVERT	⊕	SURVEY BAR	⊕	CULVERT	⊕
⊕	GAS	⊕	PARAPLEGIC RAMP	⊕	GAS	⊕
⊕	LEGEND-PLAN	⊕	LEGEND-PLAN	⊕	LEGEND-PROFILE	⊕
⊕	PROPOSED	⊕	PROPOSED	⊕	EXISTING	⊕
⊕	EXISTING	⊕	EXISTING	⊕	PROPOSED	⊕

**UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES COMMITTEE	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.

NO.	REVISIONS	DATE	BY
3	ISSUED FOR TENDER	03/30/05	TJP
2	PAVEMENT REDESIGN	02/2/05	TJP
1	ISSUED FOR REVIEW	01/3/05	TJP

DESIGNED BY	T. PETERS
DRAWN BY	A. PORCO
CHECKED BY	D. KRAHN
APPROVED BY	ORIGINAL SIGNED BY D. KRAHN, P.ENG.
HOR. SCALE	1:250
VERTICAL	1:10
DATE	10/25/04

**DILLON CONSULTING**

RELEASED FOR CONSTRUCTION  
ORIGINAL SIGNED BY K. TURKO, C.E.T.  
DATE 03/31/05

ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
REGISTERED PROFESSIONAL ENGINEER  
ORIGINAL STAMPED BY  
**T. J. PETERS**  
Member  
22309  
CONSULTANT PROJECT NO.  
**04-3914-1000**

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

2005 RESIDENTIAL STREET RENEWAL PROGRAM

**PARK BOULEVARD WEST**

GRANT AVE. TO MOUNTBATTEN AVE.  
GRANT AVE. TO STA. 0+250

CITY DRAWING NUMBER  
SHEET 1 OF 10