



- 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 CONTRACT ADMINISTRATOR.
  4. TIE-INS TO BE VERIFIED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
  5. SIDEWALK PLACEMENT TO BE MARKED OUT IN THE FIELD AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
  6. BOULEVARD REPLACEMENT TO BE FINALIZED IN THE FIELD AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
  7. PRIVATE APPROACHES TO BE REPLACED AS PER SD-235 WITH A MINIMUM WIDTH OF 3.0m.
  8. SUB DRAINS SHALL BE INSTALLED AS PER SD-245.
  9. 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.
  10. SEE SHEET 10 OF 10 FOR COMBINED SEWER RENEWAL DETAILS.

- 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

**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 VALVE		M.T.S.		HYDRANT VALVE	
	LAND DRAINAGE SEWER		CONCRETE		LAND DRAINAGE SEWER	
	WASTE WATER SEWER		ASPHALT		WASTE WATER SEWER	
	MANHOLE		PLANING		MANHOLE	
	CATCH BASIN		SIDEWALK		CATCH BASIN	
	CURB INLET		PAVING STONES		CURB INLET	
	JUNCTIONS		PARTIAL DEPTH REPAIR		JUNCTIONS	
	CULVERT		PROPERTY LINE		CULVERT	
	GAS		SURVEY BAR		GAS	
	EXISTING		PARAPLEGIC RAMP		EXISTING	
	LEGEND-PLAN		LEGEND-PLAN		LEGEND-PROFILE	
	PROPOSED		PROPOSED		PROPOSED	

FOR SEWER RECONSTRUCTION  
SEE SHEET 10 OF 10

BENCH MARK  
261 (654261) - TBLT. IN 3.9m CONC. PILE BENEATH VALVE  
BOX MARKED B.M., BTWN. LOCKWOOD ST. & CENTENNIAL ST.,  
9.7m E. OF C.L. TRACK & 17.6m N. OF S.L. ACADEMY RD.

ALL CHAINAGES TO BE TAKEN  
DOWN C OF OAK STREET

**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	03/7/05	TJP
1	ISSUED FOR REVIEW	03/01/04	TJP

DESIGNED BY	T. PETERS
DRAWN BY	A. PORCO
CHECKED BY	D. KRAHN
APPROVED BY	ORIGINAL SIGNED BY D. KRAHN, P.ENG.
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  
ORIGINAL STAMPED BY  
**T. J. PETERS**  
Member  
22309  
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NO.  
**04-3914-1000**

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

2005 RESIDENTIAL STREET RENEWAL PROGRAM

**OAK STREET**

ACADEMY RD. TO WELLINGTON CR.  
STA. 0+225 TO STA. 0+370

CITY DRAWING NUMBER  
SHEET **8** OF **10**