



REMOVE EXISTING CURB AND CONSTRUCT NEW DETOUR PAV'T AND ASPHALT CURB (RESTORE AT COMPLETION)

PERMANENTLY RELOCATE FIRE HYDRANT C/W VALVE TO LOCATION SHOWN

REMOVE EXISTING CURB AND CONSTRUCT NEW DETOUR PAVEMENT AND CURB (RESTORE AT COMPLETION)

ADJUST VALVE BOXES AS REQ'D TO SUIT TEMPORARY TRAFFIC ISLAND CONSTRUCTION. (RESTORE AT COMPLETION)

CONSTRUCT CURB AND BACKFILL WITH GRANULAR MATERIAL (RESTORE AT COMPLETION)

REMOVE EXISTING TEE AND SPLICE IN NEW 150 mm PVC PIPE WITH APPROVED 150 COUPLERS. INSTALL ZINC ANODES AND CONTINUITY BONDING WIRE AS PER RELOCATED HYDRANT DETAIL.

MAINTAIN EXISTING CURB

CONSTRUCT TRAFFIC ISLAND MODIFICATION (REMOVE/RESTORE AT COMPLETION)

REMOVE EXISTING ISLAND, 3-POLES AND BASES AND CONSTRUCT DETOUR PAV'T (RESTORE AT COMPLETION)

INSTALL ZINC ANODE

RELOCATED FIRE HYDRANT AND VALVE AS PER SD-006

APPROVED 150 COUPLER (TYP.)

150 PVC PIPE

INSTALL CONTINUITY BONDING WIRE

INSTALL ZINC ANODE

EXISTING SIDEWALK

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	⊕	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/REMOVAL	250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.
○	MANHOLE	●	SIDEWALK	○	Q PROFILE	
□	CATCH BASIN	■	PAVING STONES	□	NORTH/WEST GUTTER	
▽	CURB INLET	▲	PARTIAL DEPTH REPAIR	▽	SOUTH/EAST GUTTER	
+	JUNCTIONS	+	PROPERTY LINE	+		
—	CULVERT	—	SURVEY BAR	—		
—	GAS	—	PARAPLEGIC RAMP	—		
---	EXISTING LEGEND-PLAN	---	PROPOSED	---	EXISTING LEGEND-PROFILE	---
---	PROPOSED	---	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.

B.M. ELEV.					
2	ISSUED FOR TENDER	01/31/05	NBG		
1	ISSUED FOR CITY REVIEW	12/17/04	RAW		
NO.	REVISIONS	DATE	BY	DATE	

DESIGNED BY RAW
DRAWN BY SKB
CHECKED BY RAW
APPROVED BY

HOR. SCALE 1 : 250
VERTICAL

DATE DEC. 2004



ENGINEER'S SEAL
PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
R. A. WIEBE

CONSULTANT PROJECT NO.
04-3021-2000

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

Winnipeg

MARYLAND TWIN BRIDGES REHABILITATION PROJECT
WEST BRIDGE REHABILITATION

DETOUR WORKS
CORNISH AVENUE

CITY DRAWING NUMBER
B108-05-06
SHEET 06 OF 33