



- NOTES**
1. ADJUST MH AND CB RIMS TO NEW GRADES.
 2. CONTRACTOR TO EXERCISE CAUTION WHEN INSTALLING 150 SUBDRAIN TO PREVENT CROSSING CONFLICTS WITH EXST. GAS SERVICES.
 3. LAMP STANDARDS, HYDRO POLES, AND ANCHORS MAY REQUIRE TEMPORARY SUPPORT/REMOVAL OR REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
 4. CONTRACTOR SHALL TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO EXISTING BOULEVARD TREES WITHIN THE LIMITS OF CONSTRUCTION AS OUTLINED IN THE SPECIFICATIONS.
 5. CONTRACTOR SHALL REGRADE EXST. PRIVATE SIDEWALKS. LIMITS TO BE DETERMINED.
 6. THE LOCATION OF ALL SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
 7. ADD 200.000m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APCM
Certificate of Authorization
UMA Engineering Ltd.
No. 256 Expiry: April 30, 2007

BID OPPORTUNITY NO. 299-2006

NATURAL GAS	○	MANHOLE	●
COMMUNICATION	□	CATCH BASIN / CATCH PIT	■
HYDRO	△	C & G INLET WITH BOX	■
CATV	○	TREE	○
TRAFFIC SIGNALS	⊕	TEST HOLE	⊕
LAND DRAINAGE SEWER	—	PROPERTY LINE	—
SANITARY/COMBINED SEWER	—	SURVEY BAR	—
CATCHBASIN LEAD	—	FENCE	—
WATERMAIN	—	BOC/EOPAVT	—
SUBDRAIN	—	ELEVATION	33.100
DITCH	←		
EXISTING	—	LEGEND - PLAN	NEW
LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN

LOCATION APPROVED
UNDERGROUND STRUCTURES

DATE COMMITTEE

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.

ISSUED FOR CONSTRUCTION	06/06/02	DID
ISSUED FOR CLIENT REVIEW	06/05/05	DID
REVISIONS	YYMMDD	BY

DESIGNED BY: JGK
DRAWN BY: DID
CHECKED BY: RAB
APPROVED BY: J.G. KENNEDY
DATE: 06/05/05

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
J.G. KENNEDY
Member
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

BURROWS AVENUE
SGT TOMMY PRINCE ST TO BATTERY ST
RECONSTRUCTION

CITY DRAWING NUMBER: N/A
SHEET 3 OF 14
DRAWING No. 03
REV 0

HORIZONTAL AND VERTICAL ALIGNMENT
FROM STA 0+310 TO BATTERY ST