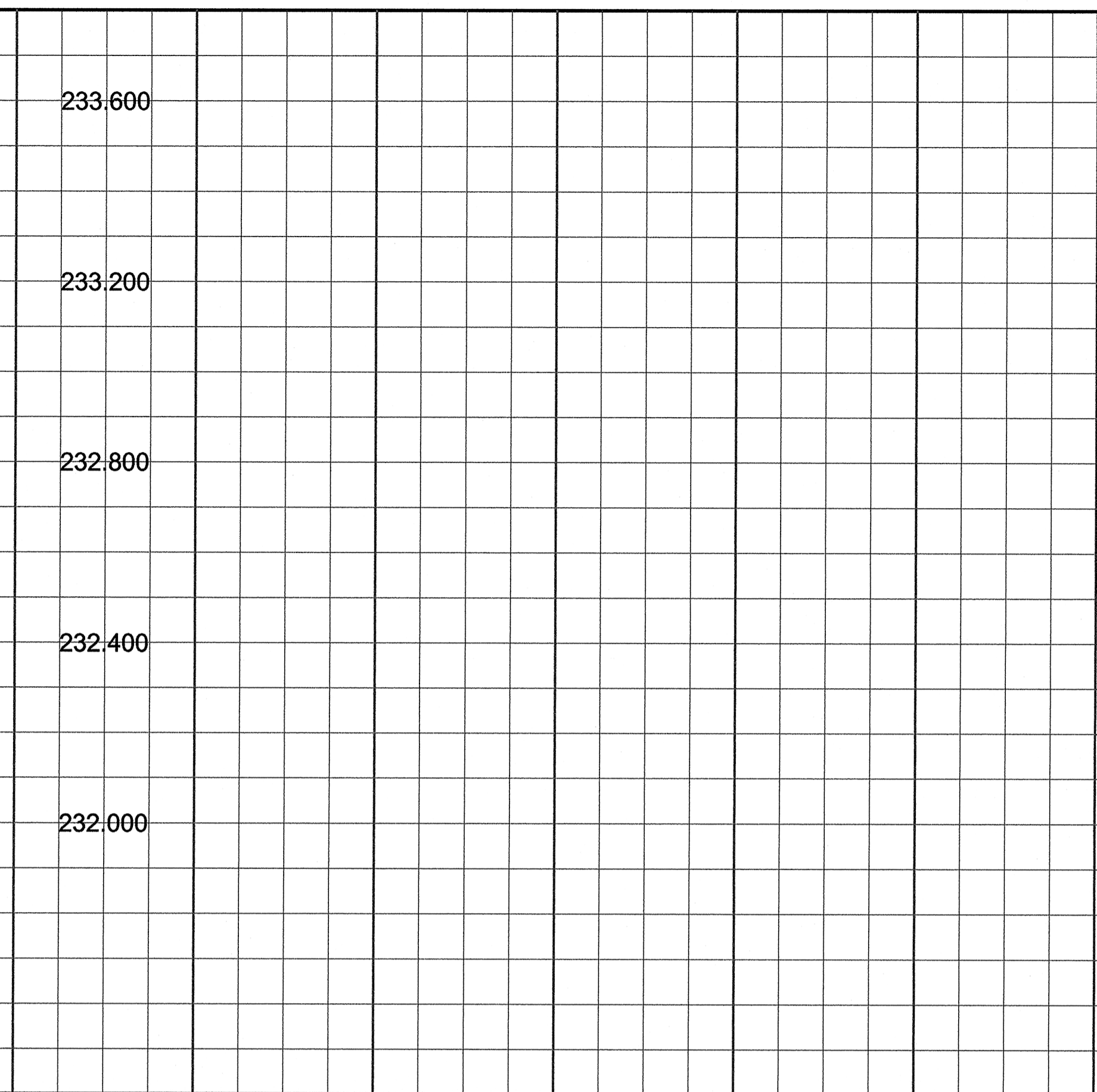


PAVEMENT PROFILE

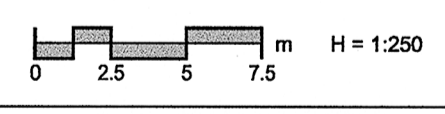
VERTICAL SCALE 1:10



TYPICAL SECTION

H=1:100
V=1:50

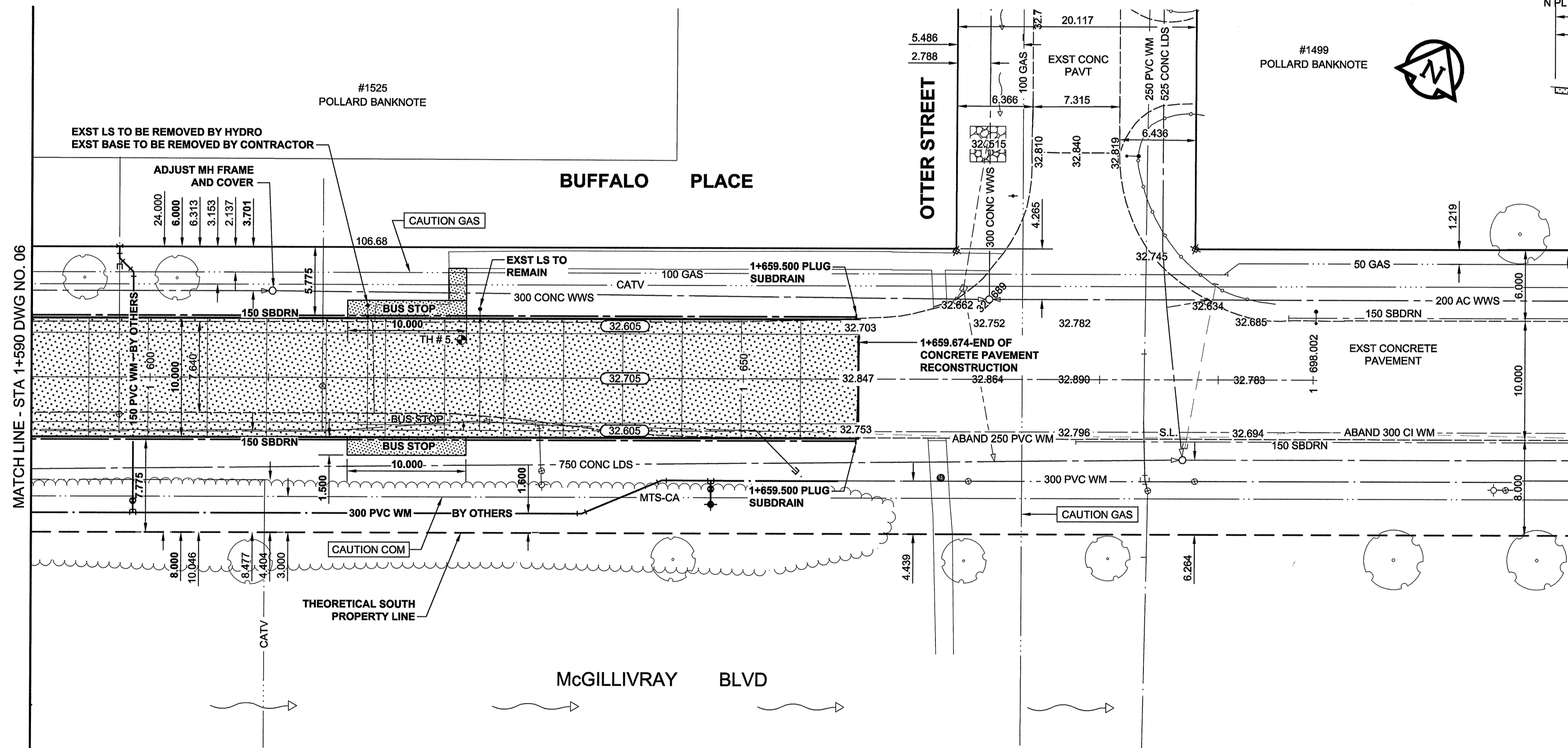
- NOTES
- ADJUST MH AND CB RIMS TO NEW GRADES.
 - EXISTING 2000 WATERMAIN RENEWAL INSTALLATION OF 300Ø WATERMAIN AND ASSOCIATED WATERMAIN HYDRANTS, VALVES AND APPURTENANCES, (DESIGNED AND CONSTRUCTED BY OTHERS), SHOWN IN APPROXIMATE LOCATIONS FOR REFERENCE PURPOSES ONLY. SEE BID OPPORTUNITY 331-2008- 2008 WATERMAIN RENEWALS-CONTRACT 6, BUFFALO PLACE FROM WAVERLEY STREET TO OTTER STREET FOR COMPLETE WATERMAIN INSTALLATION INFORMATION.
 - LIGHT STANDARDS, HYDRO POLES, AND ANCHORS MAY REQUIRE TEMPORARY SUPPORT/REMOVAL OR REPLACEMENT AT THE EXPENSE OF THE CONTRACTOR. LIGHT STANDARD BASES TO BE PERMANENTLY REMOVED FROM SITE BY CONTRACTOR AT LOCATIONS INDICATED.
 - CONTRACTOR SHALL TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING BOULEVARD TREES FROM DAMAGE FROM CONSTRUCTION ACTIVITIES WITHIN THE LIMITS OF CONSTRUCTION AS OUTLINED IN THE SPECIFICATIONS.
 - CONTRACTOR TO REGRADE/RENEW EXST. PRIVATE SIDEWALKS TO LIMITS AS SHOWN. SIDEWALKS TO BE RENEWED WITH CONCRETE UNLESS NOTED OTHERWISE.
 - ADD 200.000m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.
 - CATCH BASINS SD-024 C/W AP-008 & AP-009.



APECM
Certificate of Authorization
UMA Engineering Ltd. (MB)
No. 256 Date: April 29/08

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

BID OPPORTUNITY NO. 159-2008



EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW
○	GAS	○	MANHOLE	●	CONCRETE PAVEMENT	■	ASPHALT PAVEMENT	■
□	COMMUNICATION	□	CATCH BASIN / CATCH PIT	▲	CONC. SIDEWALK/MEDIAN	■	PAVING STONE	■
○	HYDRO	○	CURB INLET WITH BOX	▲	GRAVEL	■	RAMP CURB	■
○	CATV/FO	○	TREE	▲	PAVT PLANING/REMOVAL	■		■
○	TRAFFIC SIGNALS/PIT	○	TEST HOLE	▲		■		■
○	LAND DRAINAGE SEWER	○	PROPERTY LINE	▲		■		■
○	SANITARY/COMBINED SEWER	○	SURVEY BAR	▲		■		■
○	SSP/DCP	○	FENCE	▲		■		■
○	WATERMAIN	○	BOC/EOPAVT	▲		■		■
○	SUBDRAIN	○	ELEVATION	▲		■		■
○	DITCH	○	TRAFFIC SIGN	▲		■		■

LOCATION APPROVED
UNDERGROUND STRUCTURES
APR 29/08
DATE: APR 29/08

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.	ISSUED FOR CONSTRUCTION	08/04/25	BY	DATE
0	ISSUED FOR CONSTRUCTION	08/04/25	DID	08/04/25
	REVISIONS	YYMMDD	BY	DATE

DESIGNED BY	CHECKED BY	APPROVED BY	RELEASED FOR CONSTRUCTION
RPB	JGK	BWB	
DID			

PROFESSIONAL'S SEAL
R. P. BRUCE
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION ENGINEERING DIVISION

BUFFALO PLACE
WAVERLEY STREET TO OTTER STREET
STREET RECONSTRUCTION
HORIZONTAL AND VERTICAL ALIGNMENT
FROM STA 1+590 TO OTTER STREET

CITY DRAWING NUMBER: N/A
SHEET: 7 OF 8
DRAWING No.: 07
REV: 0