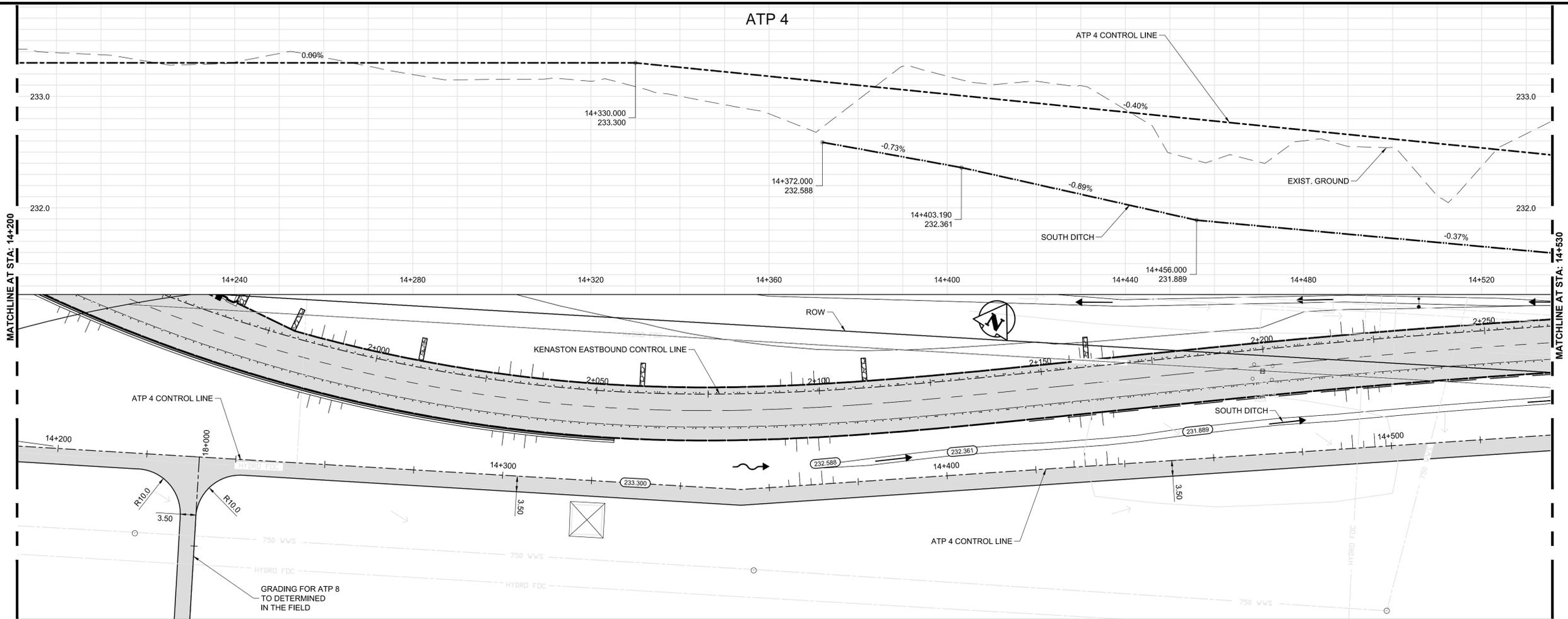
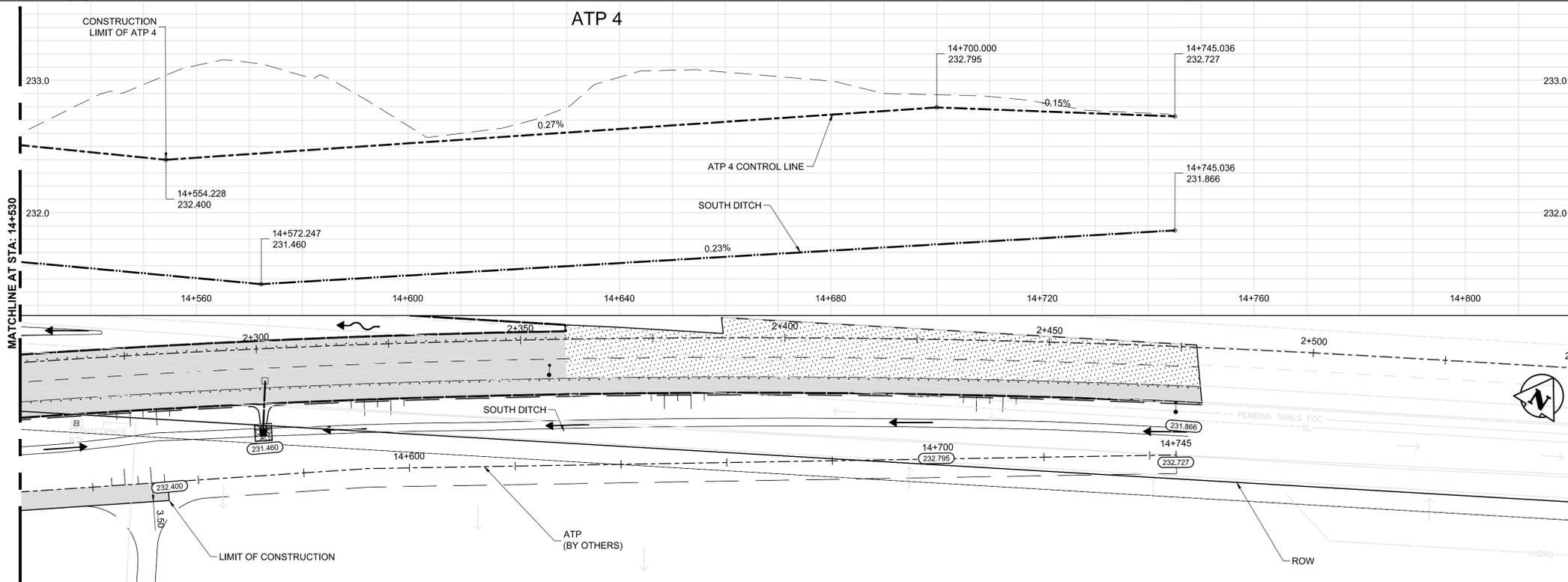


ATP 4



ATP 4



APEGM
 Certificate of Authorization
 Dillon Consulting Limited (MB)
 No. 1789 Date: 2013/08/08

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

WARNING

- IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 - TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
 - OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
 - A MINIMUM VERTICAL SEPARATION OF 300 mm FROM GAS MAINS AND 100 mm FROM GAS SERVICE MUST BE MAINTAINED BETWEEN ANY MANITOBA HYDRO FACILITY AND ANY NEW INSTALLATIONS.
 - A MINIMUM 900 mm OF COVER SHALL BE MAINTAINED IN ALL AREAS WHERE EQUIPMENT WILL BE CROSSING, TRAVELING OR COMPACTING OVER THE HIGH PRESSURE GAS MAINS.
 - IF EQUIPMENT MUST CROSS, TRAVEL, OR COMPACT OVER THE GAS MAIN WITH LESS THAN THE MINIMUM DEPTH COVER, EARTH BRIDGING OR STEEL PLATES SHALL BE PLACED OVER THE MAIN AND EXTEND A MINIMUM OF 1.0 METRE ON EITHER SIDE AT EACH CROSSING LOCATION.

G:\CAD\126606\Contract\2\Current\Civil\ATP_Plan_Profile.dwg

150 W.M.	WATERMAIN	150 W.M.	M.T.S.	M.T.S.	150 mm W.M.	WATERMAIN	150 mm W.M.
⊕	HYDRANT VALVE	⊕	CONCRETE	CONCRETE	+	HYDRANT VALVE	+
⊗	LAND DRAINAGE SEWER	⊗	ASPHALT	ASPHALT	⊗	LAND DRAINAGE SEWER	⊗
300 LDS	300 LDS	300 LDS	PLANNING	PLANNING	300 mm L.D.S.	300 mm L.D.S.	300 mm L.D.S.
250 WWS	250 WWS	250 WWS	SIDEWALK	SIDEWALK	250 mm W.W.S.	250 mm W.W.S.	250 mm W.W.S.
○	MANHOLE	○	PAVING STONES	PAVING STONES	⊕	PROPERTY LINE	⊕
⊙	CATCH BASIN	⊙	PROPERTY LINE	PROPERTY LINE	⊕	SURVEY BAR	⊕
⊙	TEST HOLES	⊙	SURVEY BAR	SURVEY BAR	⊕	CURB RAMP	⊕
⊕	JUNCTIONS	⊕	CURB RAMP	CURB RAMP	⊕	DITCH	⊕
⊕	CULVERT	⊕	DITCH	DITCH	⊕	SWALE	⊕
100 GAS	100 GAS	100 GAS	SWALE	SWALE	⊕		
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE

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. 654008	N: 5515764.610	654210	N: 5514436.957
ELEV. 232.463 m	E: 633359.697	ELEV. 232.463 m	E: 630550.534

DESIGNED BY: RG

DRAWN BY: RG

CHECKED BY: DBW

APPROVED BY: DPK

HOR. SCALE: 1:500

VERTICAL: 1:20

ISSUED FOR TENDER: 13/08/08

DATE: 2013/08/08

ENGINEER'S SEAL

PROVINCE OF MANITOBA
M.R. DOUCET
 Member 22306
 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NUMBER: 12-6606

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT

Waverley West Arterial Roads Project
 (WWARP) PART 3 - CONTRACT 2
 ROUTE 90 TO ROUTE 165 OVERPASS (KENASTON BLVD.)
 AND ASSOCIATED WORKS

PLAN AND PROFILE - ATP 4

2 OF 2

CITY DRAWING NUMBER: B242-13-98

SHEET OF: 98 OF 128

CONSULTANT DRAWING NUMBER: P-3349-98