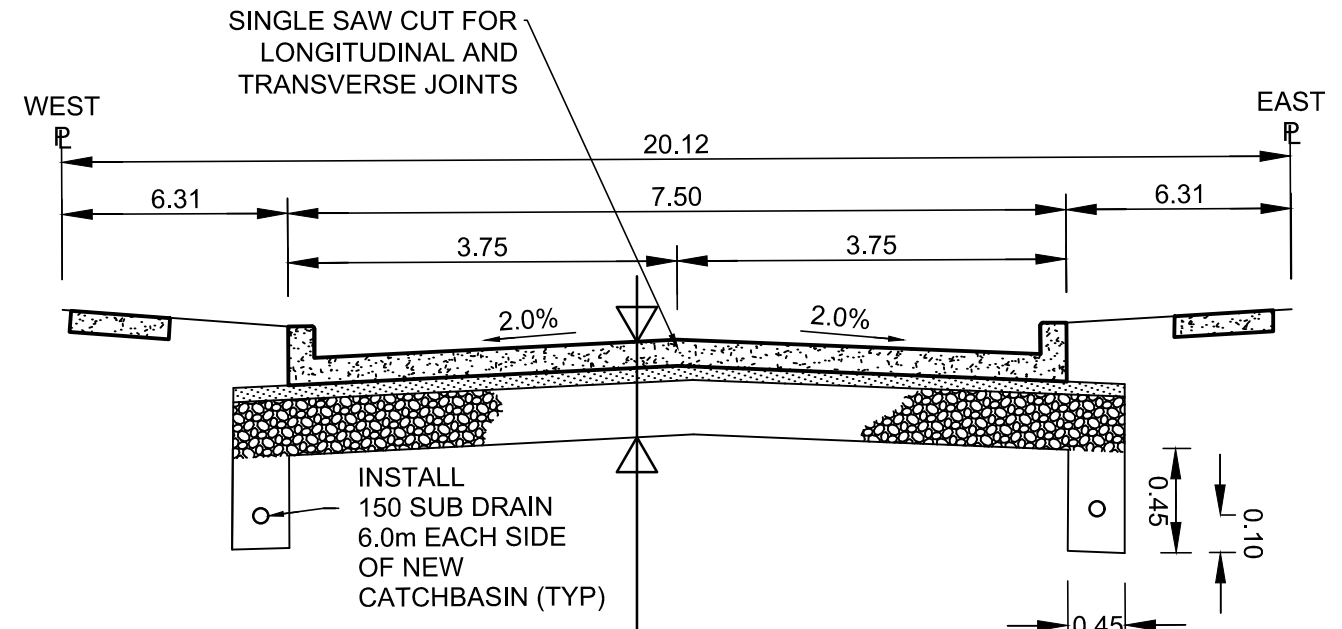
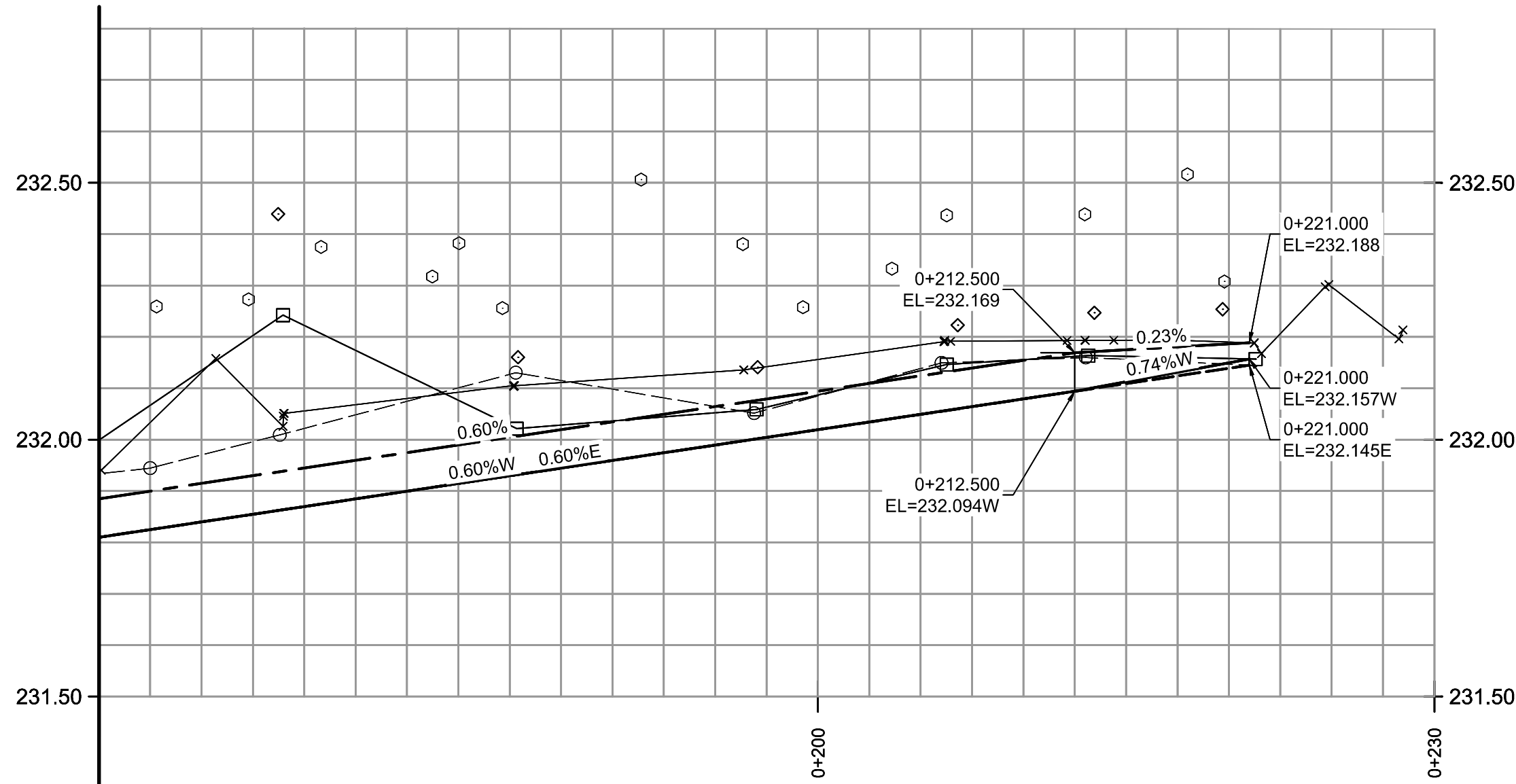
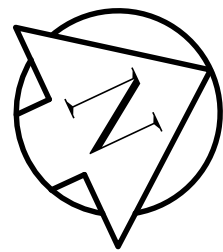
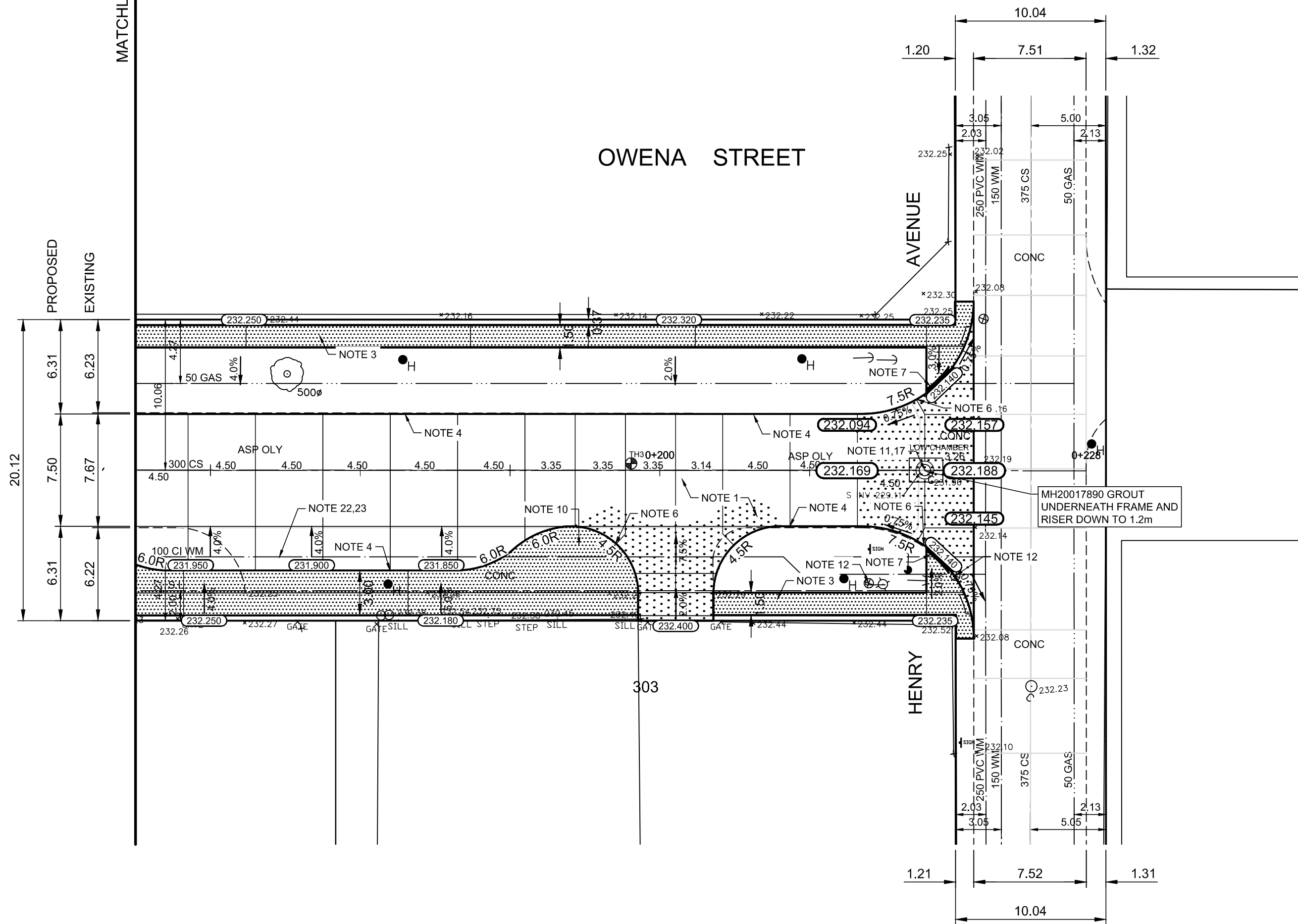




200 PLAIN DOWELLED CONCRETE PAVEMENT
100 GRANULAR A LIMESTONE BASE COURSE
300 GRANULAR A LIMESTONE SUBBASE
CLASS A GEOGRID
NON-WOVEN GEOTEXTILE
SEPARATION/FILTRATION FABRIC

TYPICAL CROSS SECTION
Scale N.T.S.



REFERENCE NOTES:

- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
- REFER TO AECOM FIELD BOOK NO. 5189

CONSTRUCTION NOTES:

- REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 200mm CONCRETE PAVEMENT
- MILL EXISTING ASPHALT PAVEMENT AND PLACE NEW ASPHALT PAVEMENT OVERLAY MS1 (85mm AVERAGE THICKNESS)
- REMOVE EXISTING CONCRETE SIDEWALK AND CONSTRUCT 100mm SIDEWALK
- REMOVE EXISTING CONCRETE BARRIER AND CONSTRUCT NEW BARRIER CURB (180mm HT. SEPARATE)
- CONSTRUCT NEW CONCRETE BARRIER CURB (150mm HT. SEPARATE)
- RENEW EXISTING CONCRETE BARRIER CURB (100mm HT. DOWELED)
- CONSTRUCT NEW MONOLITHIC CURB RAMP (10mm HT. INTEGRAL)
- CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT. INTEGRAL) AS PER SD-203B AT ALL STREET/LANE INTERSECTION RADII
- INSTALL NEW DETECTABLE SURFACE WARNING TILES
- INSTALL NEW 100mm CONCRETE SIDEWALK INCLUDING SIDEWALK EXPANSION JOINTS
- ADJUST EXISTING MANHOLE / CATCH BASIN TO GRADE
- ADJUST EXISTING WATERMAIN VALVE BOX TO GRADE
- REMOVE EXISTING CATCHBASIN
- INSTALL NEW CATCHBASIN (SD-024) c/w BARRIER CURB AND ARCHED GUTTER FRAME, BOX AND INLET AND CONNECT NEW 250 LEAD TO EXISTING MH
- REMOVE EXISTING FRAME AND COVER AND INSTALL NEW CURB AND GUTTER FRAME AND COVER
- INSTALL NEW CAST IRON RISER RING
- REMOVE EXISTING FRAME AND COVER AND PLACE NEW STANDARD FRAME AND SOLID COVER (AP-006 / AP-007)
- ADJUST EXISTING PAVING STONES / PATIO BLOCKS TO GRADE
- RENEW EXISTING 100mm PRIVATE CONCRETE SIDEWALK
- ADJUST EXISTING CURB STOP TO GRADE
- PROTECT EXISTING TREES DURING CONSTRUCTION
- CONTRACTOR TO LOCATE AND INSULATE WATERMAIN LONG SIDE SERVICES AS PER SD-018
- WATERMAIN RENEWAL (BY OTHERS)

PRELIMINARY
NOT FOR CONSTRUCTION



Certificate of Authorization
AECOM Canada ULC.
No. 4671 Date: _____

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	HYDRO	PROFILE	LOCATION APPROVED UNDERGROUND STRUCTURES
HYDRANT	HYDRANT	M.T.S.	M.T.S.	M.T.S.	N/W GUTTER	
VALVE	VALVE	CONCRETE	CONCRETE	CONCRETE	S/E GUTTER	
LAND DRAINAGE SEWER	LAND DRAINAGE SEWER	ASPHALT	ASPHALT	ASPHALT	N/W PROPERTY LINE	
WASTEWATER SEWER	WASTEWATER SEWER	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	S/E PROPERTY LINE	
MANHOLE	MANHOLE	SURVEY BAR	SURVEY BAR	SURVEY BAR		
CATCH BASIN	CATCH BASIN	ELEVATION	ELEVATION	ELEVATION		
CATCH PIT	CATCH PIT	TREE	TREE	TREE		
TRAFFIC SIGNAL POLE	TRAFFIC SIGNAL POLE	SIDEWALK RAMP	SIDEWALK RAMP	SIDEWALK RAMP		
STREET LIGHT	STREET LIGHT	CONCRETE SIDEWALK	CONCRETE SIDEWALK	CONCRETE SIDEWALK		
GAS	GAS	FENCE	FENCE	FENCE		
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING

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.
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B.M. ELEV.	Zone: 36, # 18 - S.W. Corn. Logan Ave. & Lulu Str. Tbl. in N. Concr. Foundation No. 740 Logan Ave., 29.0m W. & 0.8m below brick of Bldg.
ELEVATION: 232.305	
DESIGNED BY	SDF
CHECKED BY	SS
DRAWN BY	SDF
APPROVED BY	TLF
HOR. SCALE:	1:250
VERTICAL:	1:10
RELEASED FOR CONSTRUCTION BY:	
DATE	02/12/2024
DATE	

0	ISSUED FOR TENDER	2025/04/22	TLF
A	ISSUED FOR REVIEW	2025/04/09	TLF
NO.	REVISIONS	DATE	BY

ENGINEER'S SEAL	PROVINCE OF MANITOBA REGISTERED PROFESSIONAL ENGINEER Member 23820 2025-04-21
CONSULTANT DRAWING NO.	CT-11

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION	CITY DRAWING NUMBER
2025 INDUSTRIAL STREET RENEWAL PROGRAM OWENA STREET	SHEET 11 OF 17
CONCRETE PAVEMENT RECONSTRUCTION STATION 0+160 TO HENRY AVENUE PLAN/PROFILE	