

**CONSTRUCTION SCOPE OF WORK**

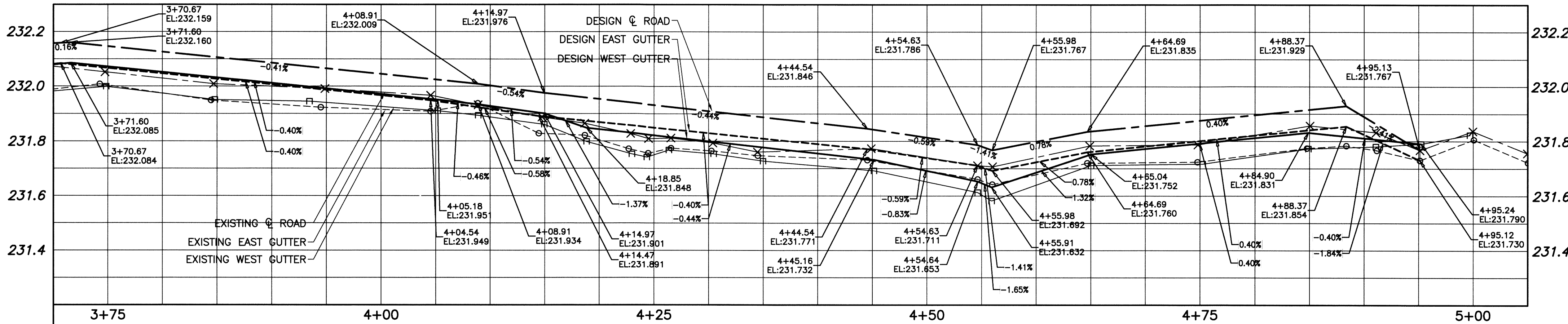
- CONCRETE PAVEMENT RENEWALS (SLAB, JOINT, ISOLATIONS)
- INSTALL BARRIER CURB
- PLACEMENT OF ASPHALT OVERLAY
- SIDEWALK RENEWAL

**REFERENCE NOTES:**

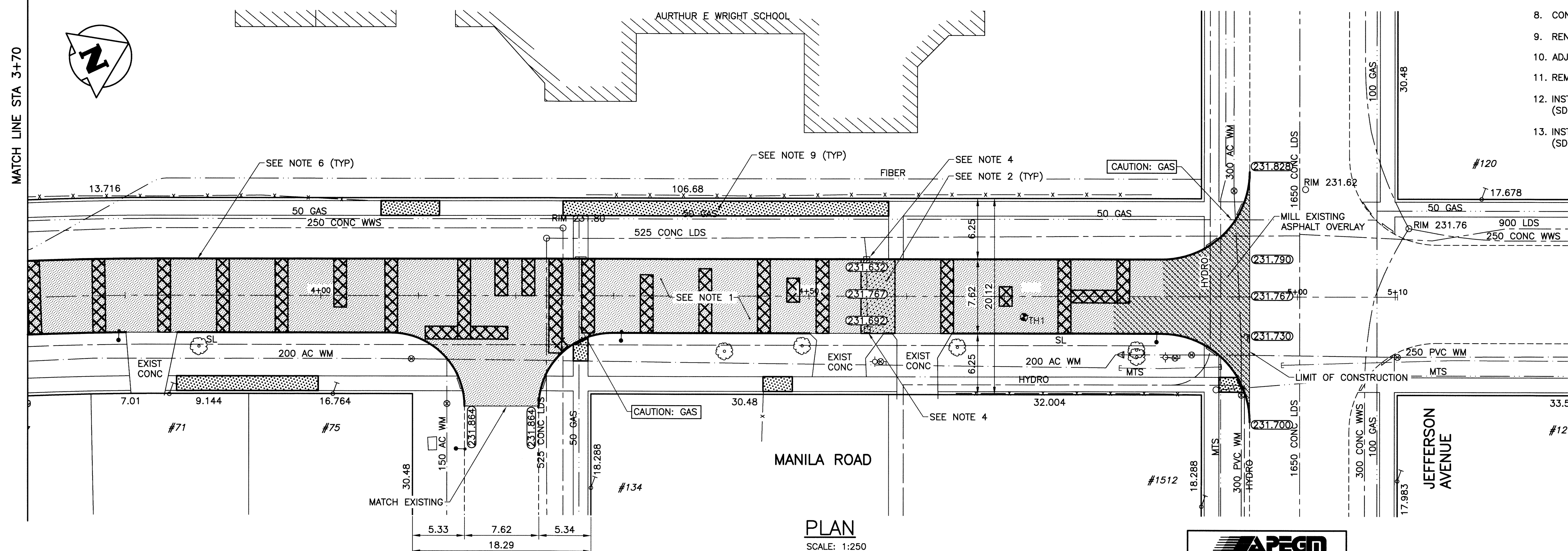
- ALL PAVEMENT DIMENSIONS ARE TO BACK OF CURB.
- LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS. CONTRACTOR TO VERIFY ALL UNDERGROUNDS IN THE FIELD.
- CONTROL LINE IS CENTRELINE OF RIGHT-OF-WAY.
- ALL SIDEWALK, CURB, AND CONCRETE REPAIRS TO BE MARKED OUT IN FIELD BY CONTRACT ADMINISTRATOR.
- ALL ADJUSTMENTS FOR CATCH BASINS, MANHOLES, VALVES & INLETS TO BE MARKED IN FIELD BY CONTRACT ADMINISTRATOR.
- PAVEMENT REPAIRS SHOWN ARE ONLY A REPRESENTATIVE APPROXIMATION OF THE TENDERED QUANTITIES.
- CONTRACTOR TO COMPLETE RECONSTRUCTION OF STREET LIGHTING (BASES, WIRING & LAMP STANDARDS).
- CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES FROM CONSTRUCTION ACTIVITIES.

**CONSTRUCTION NOTES:**

- PLACE NEW ASPHALTIC PAVEMENT OVERLAY (TYPE 1A, 70mm AVERAGE THICKNESS).
- REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW REINFORCED CONCRETE PAVEMENT (150mm) C/W ASPHALTIC PAVEMENT OVERLAY (70mm AVERAGE THICKNESS).
- REMOVE EXISTING LIP CURB AND INSTALL NEW BARRIER CURB (100mm REVEAL HT. DOWELED).
- ADJUST EXISTING MANHOLE/CATCHBASIN.
- CONSTRUCT NEW BARRIER CURB AND GUTTER (SD-200).
- PLANE EXISTING LIP CURB AND REPLACE WITH NEW LIP CURB (75mm REVEAL, DOWELED, SD-202C).
- CONSTRUCT NEW MODIFIED BARRIER CURB (180mm, SEPARATE).
- CONSTRUCT NEW CURB RAMP (SD-229A).
- RENEW EXISTING CONCRETE SIDEWALK (SD-228A).
- ADJUST WATER VALVE.
- REMOVE EXISTING INLET.
- INSTALL NEW CURB & GUTTER INLET C/W CATCH PIT (SD-023) AND CONNECT TO EXISTING LEAD.
- INSTALL NEW CURB & GUTTER INLET C/W 1200 CATCH BASIN (SD-024) AND CONNECT TO EXISTING MANHOLE.



**PROFILE**  
SCALE H=1:250  
V=1:10



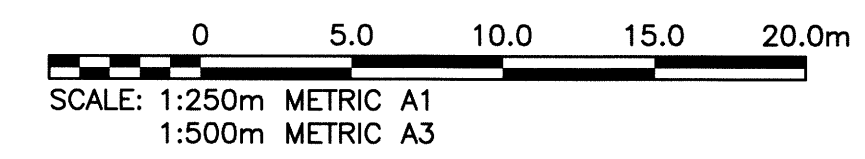
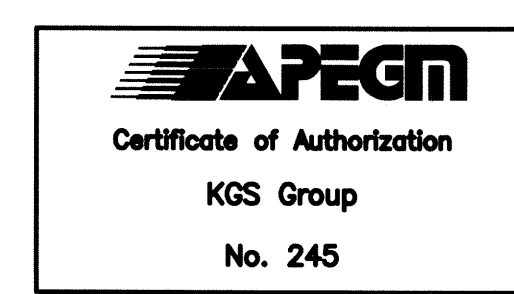
**PLAN**  
SCALE: 1:250

CONTROL LINE COORDINATES		
POINT/STATION	NORTHING	EASTING
POT 0+75.61	5535210.738	630844.301
POC 2+18.40	5535353.404	630838.528
POT 3+83.50	5535513.715	630870.823
POT 5+10.25	5535628.496	630924.586

**WARNING**  
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.

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**PROPERTY LIMITS DELINEATION**  
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.



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300 LDS	LAND DRAINAGE SEWER	300 LDS	⊙	TREE		PLANNING - REMOVAL	
250 WWS	WASTE WATER SEWER	250 WWS	⊙	TEST HOLE		PARTIAL DEPTH PATCH	
	GAS		—	GUY WIRE			
	HYDRO		—	LIGHT STANDARD			
	M.T.S.		—	BACK OF CURB			
150 WM	WATERMAIN	150 WM	—	CONCRETE			
⊕	HYDRANT		—	ASPHALT			
⊕	VALVE		—	SIDEWALK			
⊕	MANHOLE		—	PROPERTY LINE			
⊕	CATCH BASIN		—	SURVEY BAR			
⊕	CURB INLET		—	GEODETIC BENCHMARK			
•	POLES		—	ELEVATION			
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE

<b>LOCATION APPROVED UNDERGROUND STRUCTURES</b>		B.M. 15-044 ELEV. 231.497		NW Cor Jefferson Ave & Manila Rd, 10m on top on 0.05m <sup>2</sup> x 2.4m iron plate, 2.7m E of N. of Manila Rd & on the production of N. of Jefferson Ave produced from W	
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 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>KGS GROUP</b> CONSULTING ENGINEERS		ENGINEER'S SEAL M.C. ROWBOTHAM Member 22679 August 6, 2014	
DESIGNED BY	JB	CHECKED BY	CK
DRAWN BY	GEL	APPROVED BY	AGH
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:		DATE	14/07/20
NO. REVISIONS		DATE	

<b>THE CITY OF WINNIPEG</b> PUBLIC WORKS DEPARTMENT TRANSPORTATION ENGINEERING DIVISION		PROJECT TITLE <b>2014 LOCAL STREET RENEWAL PROGRAM</b>	
MANILA ROAD ADSUM DR TO JEFFERSON AVE STA 3+70 TO JEFFERSON AVE		SHEET OF <b>12</b> / <b>19</b>	
CONSULTANT DRAWING NO. 13-0107-030_C12		COMPUTER FILE NAME 13-0107-030_CALL	
		DRAWING NUMBER <b>C12</b>	