

**PAVEMENT SECTION**

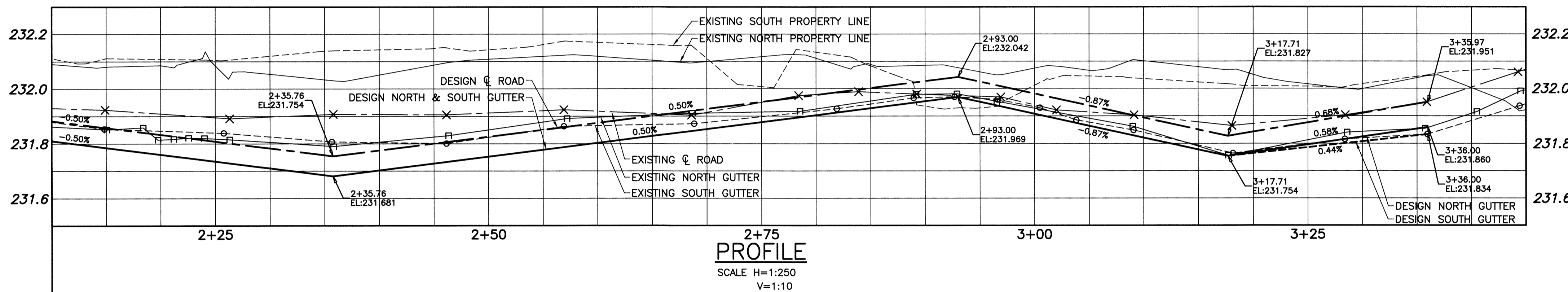
SCALE HOR 1:100  
VER 1:50

**REFERENCE NOTES:**

- A. ALL PAVEMENT DIMENSIONS ARE TO BACK OF CURB.
- B. STATION CHAINAGE IS BASED ON CENTRELINE OF COLLEGE AVENUE.
- C. LEGAL PLAN AND UNDERGROUND INFORMATION BASED ON CITY OF WINNIPEG LBIS. CONTRACTOR TO VERIFY ALL UNDERGROUNDS IN THE FIELD.
- D. ALL PERMITS AND CLEARANCES REQUIRED PRIOR TO EXCAVATION WORKS.
- E. LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
- F. LIMITS OF SIDEWALK RENEWAL AND BOULEVARD GRADING TO BE CONFIRMED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.

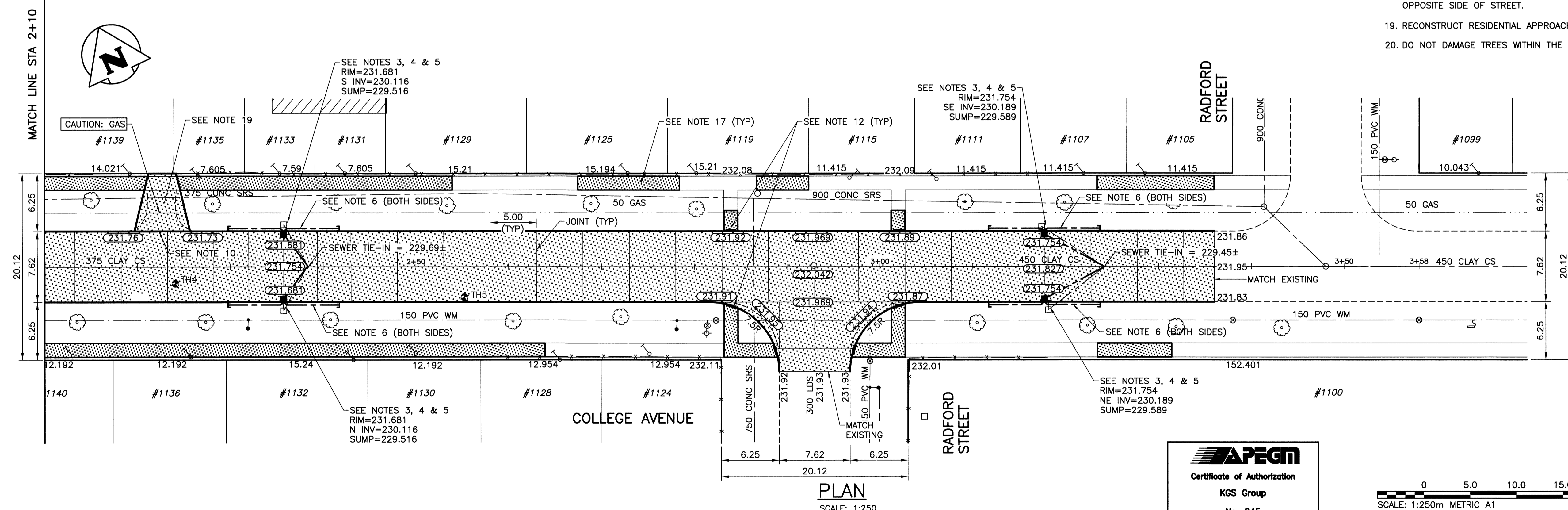
**CONSTRUCTION NOTES:**

1. REMOVE EXISTING CURB, ASPHALT AND CONCRETE PAVEMENT.
2. EXCAVATE EXISTING PAVEMENT BASE MATERIALS AND SOIL TO DESIGN SUBGRADE DEPTH.
3. REMOVE EXISTING CATCH BASIN AND CURB INLET (WHERE NOTED).
4. INSTALL NEW CATCH BASIN WITH CURB AND GUTTER INLET FRAME & COVER (WHERE NOTED).
5. REPLACE CATCH BASIN SEWER SERVICE AND CONNECTION TO SEWER (WHERE NOTED).
6. INSTALL 6.0m SUBDRAIN (WHERE NOTED). CONNECT TO CATCH BASIN AND CAP ENDS.
7. SUBGRADE COMPACTION SHALL BE AT THE DISCRETION OF THE CONTRACT ADMINISTRATOR. THE 300# CLAY COMBINED SEWER IS WITHIN 600mm OF SUBGRADE AT VARIOUS LOCATIONS ALONG THE CENTRELINE OF COLLEGE AVENUE.
8. CONSTRUCT NEW SUB-BASE, BASE AND REINFORCED CONCRETE PAVEMENT.
9. CONSTRUCT NEW BARRIER CURB (WHERE NOTED, SD-200, INTEGRAL).
10. CONSTRUCT NEW LIP CURB (WHERE NOTED, SD-202B, 40mm, INTEGRAL).
11. CONSTRUCT NEW MODIFIED BARRIER CURB (WHERE NOTED, SD-203B).
12. CONSTRUCT NEW CURB RAMP (WHERE NOTED, SD-229).
13. REPLACE EXISTING MANHOLE FRAME & COVER WHERE DIRECTED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
14. ADJUST VALVES, CURB STOPS, AND MANHOLE AND CATCH BASIN RIMS TO NEW GRADES.
15. ISOLATE MANHOLES AND CATCH BASINS IN ACCORDANCE (SD-220).
16. ISOLATE ALL HYDRANTS, POLES, BASES AND PILES WITHIN SIDEWALK (SD-228C).
17. RENEW EXISTING CONCRETE SIDEWALK (SD-228A).
18. INSTALL SIDEWALK DETECTABLE WARNING TILES ON PUBLIC SIDEWALK AT ROAD CROSSINGS (WHERE NOTED). ORIENT SIDEWALK DETECTABLE WARNING TILES SO THAT EDGES PARALLEL WITH WALKING DIRECTION ARE ALIGNED WITH SIDEWALK RAMP ON OPPOSITE SIDE OF STREET.
19. RECONSTRUCT RESIDENTIAL APPROACH (SD-235).
20. DO NOT DAMAGE TREES WITHIN THE CONSTRUCTION LIMITS.



**PROFILE**

SCALE H=1:250  
V=1:10



**PLAN**

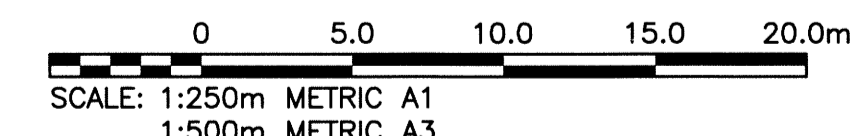
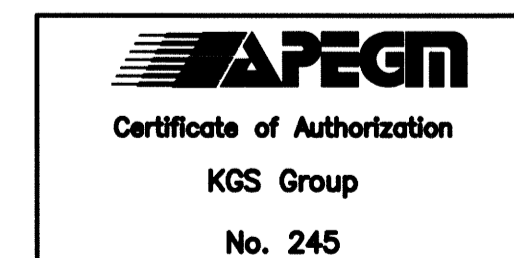
SCALE: 1:250

CONTROL LINE COORDINATES		
POINT/STATION	NORTHING	EASTING
POT 0+94.04	5532530.423	631521.452
POT 3+58.08	5532418.308	631760.497

**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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EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
300_LDS	LAND DRAINAGE SEWER	300_LDS	DETECTABLE WARNING TILE					
250_WWS	WASTE WATER SEWER	250_WWS	TEST HOLE					
	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					

**LOCATION APPROVED 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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	14/08/06	CR

DESIGNED BY		CHECKED BY	
JDF		CR	
DRAWN BY		APPROVED BY	
GEL			
HOR. SCALE: 1:250		RELEASED FOR CONSTRUCTION:	
VERTICAL: -		DATE: 14/07/20	

**ENGINEER'S SEAL**  
M.C. ROWBOTHAM  
REGISTERED PROFESSIONAL ENGINEER  
AUGUST 6, 2014

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
TRANSPORTATION ENGINEERING DIVISION

PROJECT TITLE: 2014 LOCAL STREET RENEWAL PROGRAM  
COLLEGE AVENUE  
McPHILLIPS ST TO RADFORD ST  
STA 2+10 TO RADFORD ST

SHEET OF 14 19  
COMPUTER FILE NAME: 13-0107-030\_CALL  
CITY DRAWING NUMBER: C14