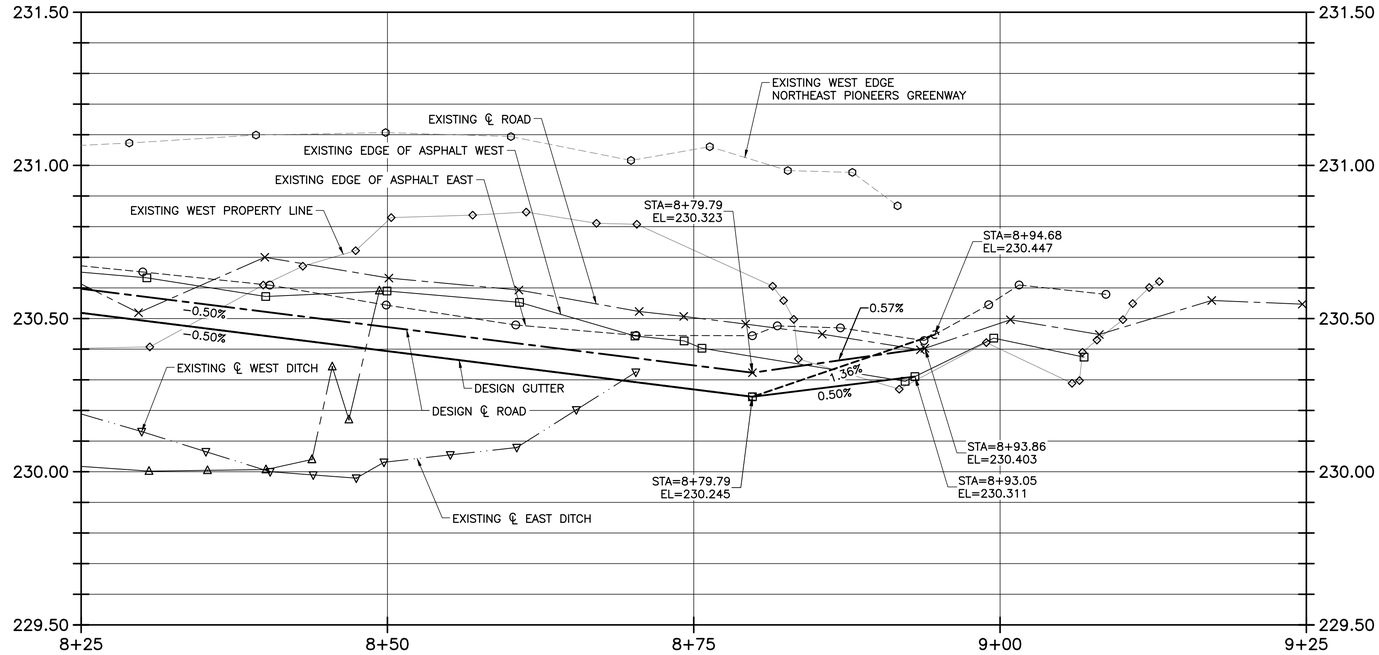
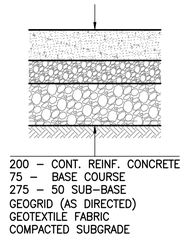
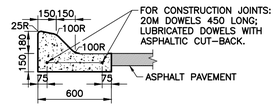


RALEIGH STREET (SOUTH) – PROFILE



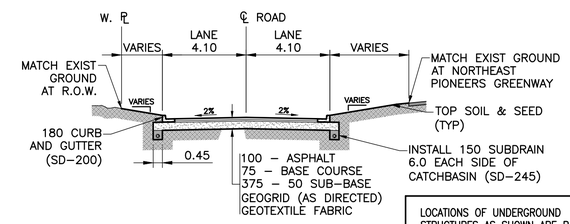
REINFORCED CONCRETE PAVEMENT SECTION



MODIFIED CURB AND GUTTER

NOTES:

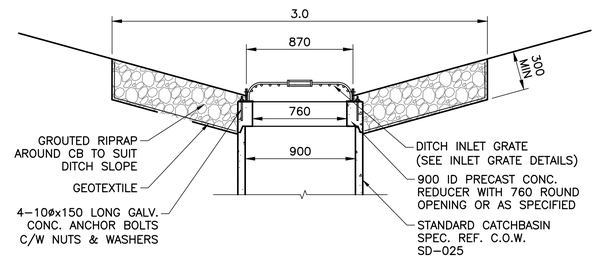
1. ALL WORKS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
2. LEGAL PLAN AND UNDERGROUND INFORMATION BASED ON CITY OF WINNIPEG LBIS. CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND STRUCTURES ON SITE.
3. STATION CHAINAGE IS BASED ON CENTRELINE OF PROPOSED ROADWAY.
4. NORTH PROPERTY LINE OF CHALMERS AVENUE IS STA 1+00.
5. ALL MEASUREMENTS TO BACK OF CURB
6. ALL EXISTING TREES TO BE PROTECTED AND MAINTAINED THROUGHOUT CONSTRUCTION UNLESS NOTED OTHERWISE.
7. ALL BUS STOPS AND WINNIPEG TRANSIT PROPERTY WITHIN LIMITS OF CONSTRUCTION TO BE TEMPORARILY RELOCATED BY OTHERS DURING WORKS.
8. HAND OR SOFT DIG METHODS REQUIRED OVER GAS UTILITIES AT INTERVALS DETERMINED BY THE CONTRACT ADMINISTRATOR TO DETERMINE DEPTH OF COVER.
9. NO WORKS, INCLUDING CONCRETE CUTTING OR BREAKING, TO BE UNDERTAKEN NEAR GAS LINES UNTIL DEPTH OF COVER IS DETERMINED AND A MANITOBA HYDRO SAFETY WATCH REPRESENTATIVE IS ON SITE.
10. ANY GAS MAINS OR SERVICES EXPOSED IN THE EXCAVATION AREA TO BE ROCK WRAPPED IN ACCORDANCE WITH MANITOBA HYDRO STANDARDS PRIOR TO WORK PROCEEDING ON SITE.
11. NO VIBRATORY COMPACTION PERMITTED WITHIN 1.0 OF GAS MAINS.
12. INSTALL NEW MODIFIED BARRIER CURB AND GUTTER AT ALL INTERSECTION RADII.
13. CONSTRUCT NEW MONOLITHIC CURB RAMP (10mm HEIGHT INTEGRAL).
14. INSTALL DETECTABLE WARNING SURFACE TILE.
15. APPROACH GRADES SHOWN REPRESENT AVERAGE SLOPES. CROSSFALL ACROSS SIDEWALK TRAVEL PATH TO BE 4% OR LESS.
16. INSTALL NEW CATCHBASIN (SD–024) COMPLETE WITH 250ø PVC LEAD @ MINIMUM 2.0% SLOPE UNLESS NOTED OTHERWISE.
17. REMOVE EXISTING APPROACH AND CONSTRUCT NEW 200 CONTINUOUSLY REINFORCED CONCRETE APPROACH.
18. ADJUST WATER VALVES, HYDRANTS, MANHOLES AND CATCHBASINS TO FINISHED GRADE.
19. REMOVE ABANDONED LAMP STANDARD/SIGNALS BASES.
20. REMOVE AND REPLACE ASPHALT PATH TO LIMITS SHOWN.
21. REMOVE EXISTING CATCHBASIN AND ABANDON LEAD.
22. RE–GRADE APPROXIMATELY 3.0 OF EXISTING APPROACH AND RE–SURFACE WITH ASPHALTIC CONCRETE AS DIRECTED BY CONTRACT ADMINISTRATOR TO MATCH EXISTING GRADES.
23. INSTALL NEW CATCHBASIN COMPLETE WITH WITH DITCH INLET GRATE AND GROUTED RIPRAP (SEE DETAILS ON SHEET 8).
24. INSTALL NEW DITCH INLET GRATE AND GROUTED RIPRAP ON EXISTING CATCHBASIN (SEE DETAILS ON SHEET 8).
25. INSTALL 6.0–150ø SUBDRAIN (SD–245) ON BOTH SIDES OF ALL PROPOSED CATCHBASINS.
26. REMOVE EXISTING APPROACH AND CONSTRUCT NEW ASPHALT APPROACH. STRUCTURE AS PER TYPICAL CROSS–SECTION STRUCTURE.
27. ALL BOULEVARDS AND LANDSCAPE AREAS TO BE SEEDED. LIMITS TO BE IDENTIFIED IN THE FIELD BY CONTRACT ADMINISTRATOR.
28. PROVIDE TEMPORARY SUPPORT FOR LAMP STANDARDS, HYDRO POLES AND ANCHORS AS REQUIRED.



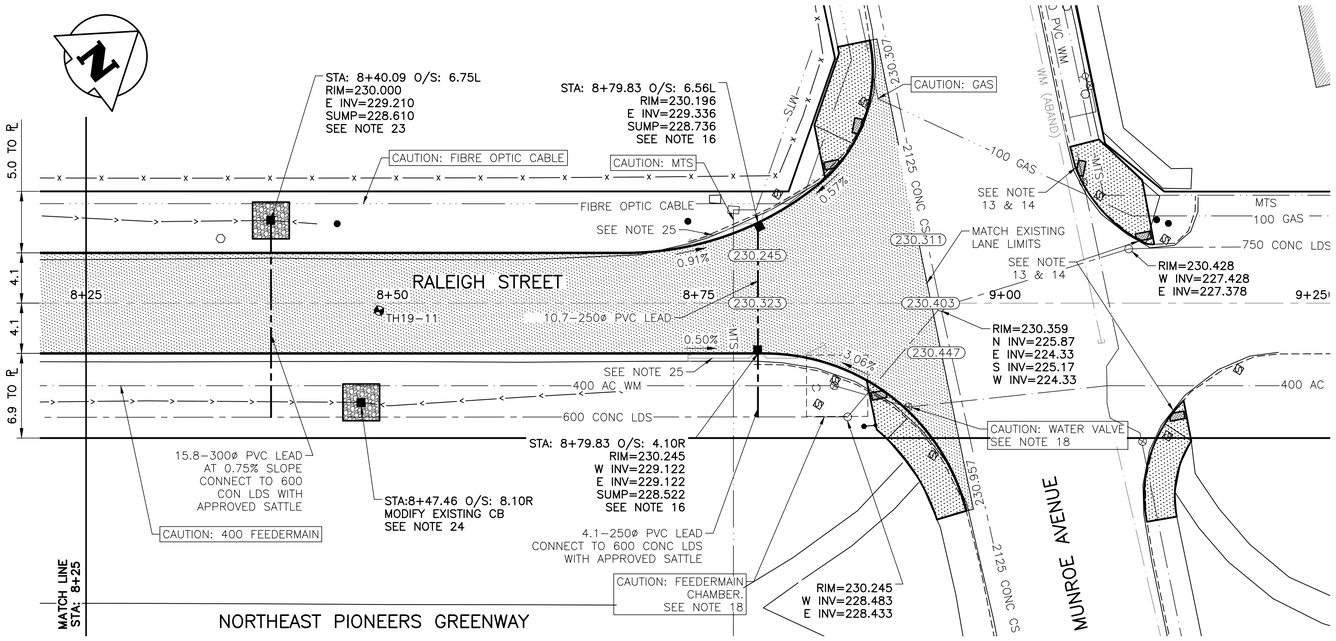
TYPICAL CROSS–SECTION

0 5.0 10.0 15.0 20.0m
SCALE: 1:250m (A1)

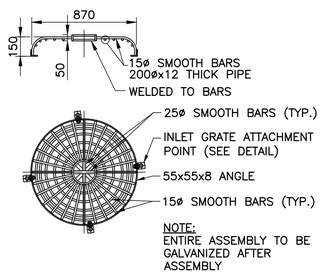
0 200 400 600 800mm
SCALE: 1:10m (A1)



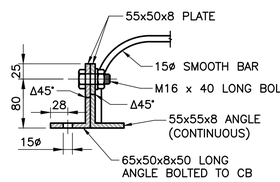
DITCH CATCH BASIN DETAIL



RALEIGH STREET (SOUTH) – PLAN



DITCH INLET GRATE DETAIL



DITCH INLET GRATE ATTACHMENT DETAIL

LOCATIONS 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 THE EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

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.

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

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PROFILE	PROPOSED
300 LDS	LAND DRAINAGE SEWER	300 LDS						
250 WWS	WASTE WATER SEWER	250 WWS		TEST HOLE				
	GAS			GUY WIRE				
	HYDRO			LIGHT STANDARD			℄ PROFILE	
	M.T.S.			BACK OF CURB			NORTH & WEST GUTTER	
150 WM	WATERMAIN	150 WM		CONCRETE			SOUTH & EAST GUTTER	
	HYDRANT			ASPHALT			NORTH & WEST DITCH	
	VALVE			SIDEWALK			SOUTH & EAST DITCH	
	MANHOLE			PROPERTY LINE			N/W LANE ℙ	
	CATCH BASIN			SURVEY BAR			S/E MEDIAN ℙ	
	CURB INLET			GEODETIC BENCHMARK			PARKING/DRIVEWAY	
	POLES T–MTS H–HYDRO		231.334	ELEVATION	232.231		WINDOW/DOOR SILL	

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.

B.M. KGS_BASE
ELEV. 249.213
COORDINATE SYSTEM: CGVD28

NO.	REVISIONS	DATE	BY
B	ISSUED FOR TENDER	19/05/08	
A	ISSUED FOR REVIEW	19/03/22	JB

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY EW	CHECKED BY
DRAWN BY EW	APPROVED BY
HOR. SCALE: 1:250 VERTICAL: 1:10	RELEASED FOR CONSTRUCTION:
DATE 2019/01/24	DATE

ENGINEER'S SEAL

CONSULTANT DRAWING NO. C107

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PROJECT TITLE
2019 LOCAL STREET PACKAGE
RALEIGH STREET (SOUTH)

PLAN AND PROFILE
08+25 TO 09+25

SHEET 8 OF 17
COMPUTER FILE NAME 18–0107–016_34 RALEIGH SOUTH.DWG
CITY DRAWING NUMBER –

U:\FMS\18–0107–016\18–0107–016_34 RALEIGH SOUTH.DWG 2019–05–08
PLOT 1:1 (A–1)