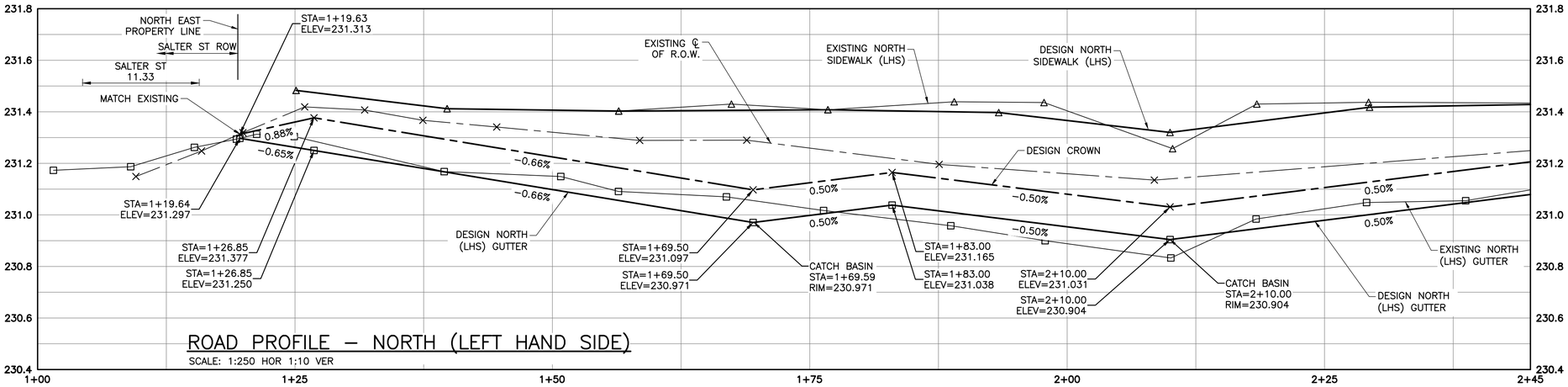
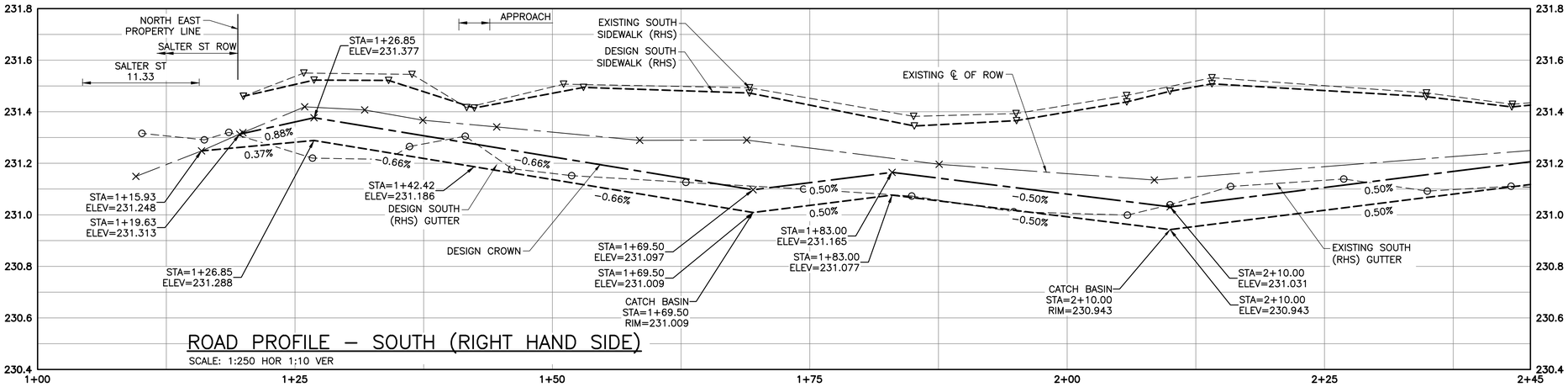


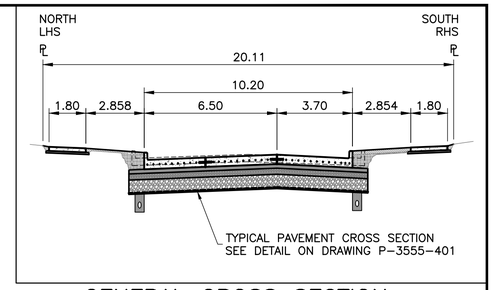

## ROAD PROFILE – NORTH (LEFT HAND SIDE)

SCALE: 1:250 HOR 1:10 VER




## ROAD PROFILE – SOUTH (RIGHT HAND SIDE)

SCALE: 1:250 HOR 1:10 VER

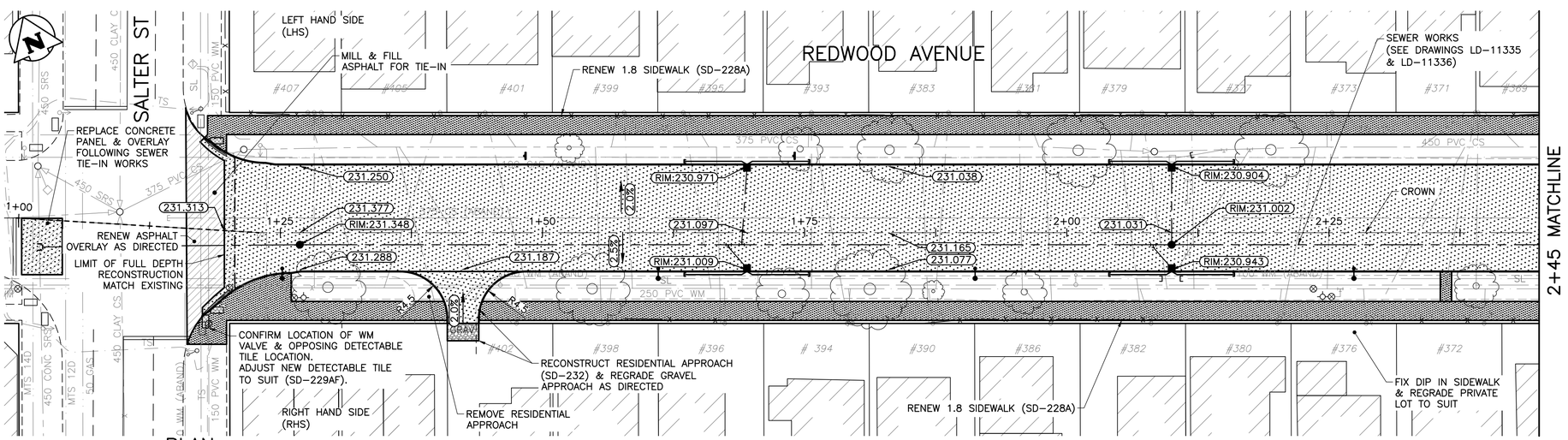



## GENERAL CROSS SECTION

SCALE: N.T.S.

NOTES:

1. ALL WORK & MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS AT TIME OF TENDER.
2. ALIGNMENT FOLLOWS THE CROWN OF THE ROADWAY.
3. ALL ROADWAY DIMENSIONS ARE TO THE BACK OF CURB.
4. PROTECT EXISTING TREES WITHIN LIMITS OF CONSTRUCTION. HOLD MEETING WITH URBAN FORESTRY FOR TREE & ROOT PROTECTION REQUIREMENTS ONSITE.
5. PROTECT EXISTING TREE ROOT BULBS DURING EXCAVATION. COORDINATE WITH CONTRACT ADMINISTRATOR PRIOR TO REMOVAL OR CUTTING OF THE MATURE TREE ROOT BULBS.
6. REMOVE STUMPS WHERE DIRECTED.
7. INSTALL MODIFIED BARRIER CURB AT ALL INTERSECTION RADII, ALLEY RADII, & BULLNOSES. FOR MODIFIED BARRIER CURB, EXTEND PAVEMENT SO THAT THE GUTTER FLOW LINE IS ALIGNED.
8. ALL SIDEWALKS THROUGH APPROACHES TO HAVE 2.0% CROSSFALL.
9. ADJUST ALL WATER VALVES, CURB STOPS, & MANHOLES TO PROPOSED GRADE.
10. CONFIRM THE LOCATION OF ALL UTILITIES & SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
11. LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE AT CONTRACTORS EXPENSE UNLESS SPECIFICALLY IDENTIFIED.
12. 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.
13. PLACE SOD WHERE DIRECTED. SEED TO BE USED ONLY FOR SMALL AREAS OF RESTORATION BETWEEN SIDEWALK & FENCE.
14. SEE DRAWINGS LD-11335 (C500) THROUGH LD-11341 (C506), LD-11739 (C507), & 13163 (C508) FOR UNDERGROUND WORKS.
15. REPLACE ALL FRAME & COVERS FOR MANHOLES WITHIN THE ROAD STRUCTURES.




## PLAN

SCALE: 1:250 HOR

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

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

ISSUED FOR TENDER
NOT TO BE USED FOR CONSTRUCTION

RESIDENTIAL APPROACH:
RECONSTRUCT RESIDENTIAL APPROACH FOLLOWING SD-229B, SD-232, & RELATED STANDARD DETAILS
- 150 REINFORCED CONCRETE
- 100 GRANULAR A BASE COURSE
- GEOGRID
- SEPARATION/FILTRATION FABRIC

COMMERCIAL APPROACH:
RECONSTRUCT COMMERCIAL APPROACH FOLLOWING SD-229B, SD-232 & RELATED STANDARD DETAILS
- 200 REINFORCED CONCRETE
- 100 GRANULAR A BASE COURSE
- 250 GRANULAR A SUB-BASE
- GEOGRID
- SEPARATION/FILTRATION FABRIC

### 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.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

### METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

TENDER: 453-2022

| EXISTING | LEGEND-PLAN | PROPOSED | EXISTING | LEGEND-PLAN | PROPOSED | EXISTING | LEGEND-PROFILE | PROPOSED |
|---|---|---|---|---|---|---|---|---|
| 300 LDS | LAND DRAINAGE SEWER | 300 LDS | | TEST HOLE | | EXISTING | TRAFFIC SIGNAL LEGEND-PLAN | PROPOSED |
| 250 WWS | WASTE WATER SEWER | 250 WWS | | GUY WIRE | | | | |
| | GAS | | | LIGHT STANDARD | | | | |
| | HYDRO | | | BACK OF CURB | | | N./W. SIDEWALK (LHS) | |
| | M.T.S. | | | ASPHALT MILL & FILL | | | S./E. SIDEWALK (RHS) | |
| 150 WM | WATER MAIN | 150 WM | | CONCRETE ROAD | | | N./W. GUTTER (LHS) | |
| | HYDRANT | | | CONCRETE SIDEWALK | | | S./E. GUTTER (RHS) | |
| | VALVE | | | WM INSULATION | | | ℄ PROFILE | |
| | MANHOLE | | | LANDSCAPING | | | EDGE OF ALLEY LHS | |
| | CATCH BASIN | | | PROPERTY LINE | | | EDGE OF ALLEY RHS | |
| | CURB INLET | | | GEODETIC BENCHMARK | | | NORTH OR WEST ℞ | |
| | POLES T-MTS H-HYDRO | | 231.334 | ELEVATION | 232.231 | | SOUTH OR EAST ℞ | |

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: COVD28

| NO. | REVISIONS | DATE | BY |
|---|---|---|---|
| 0 | ISSUED FOR TENDER | 22/11/22 | GES |

KGS GROUP

| | | | |
|---|---|---|---|
| DESIGNED BY | GES | CHECKED BY | GEL |
| DRAWN BY | GES | APPROVED BY | CR |
| HOR. SCALE: | 1:250 | RELEASED FOR CONSTRUCTION: | |
| VERTICAL: | 1:10 | | |
| DATE | 2021-12-20 | DATE | -- |

ENGINEER'S SEAL — PROVINCE OF MANITOBA — G.E. SMALLEY — Member 33683 — 2022-11-22 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. C301

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PROJECT TITLE
2023 REDWOOD AVENUE RECONSTRUCTION: SALTER STREET TO MAIN STREET

PLAN & PROFILE

SALTER STREET TO STA 2+45

SHEET 7 OF 23

COMPUTER FILE NAME 21-0107-020

CITY DRAWING NUMBER P-3555-301

Filename: P:\Projects\2021\21-0107-020\Dwg\Mun\21-0107-020_CALL - Tab:G301 Plotted By: GSmalley 22/11/22 [Tue 1:14pm]
A1 (841x594) / PLOT SCALE: 1:1