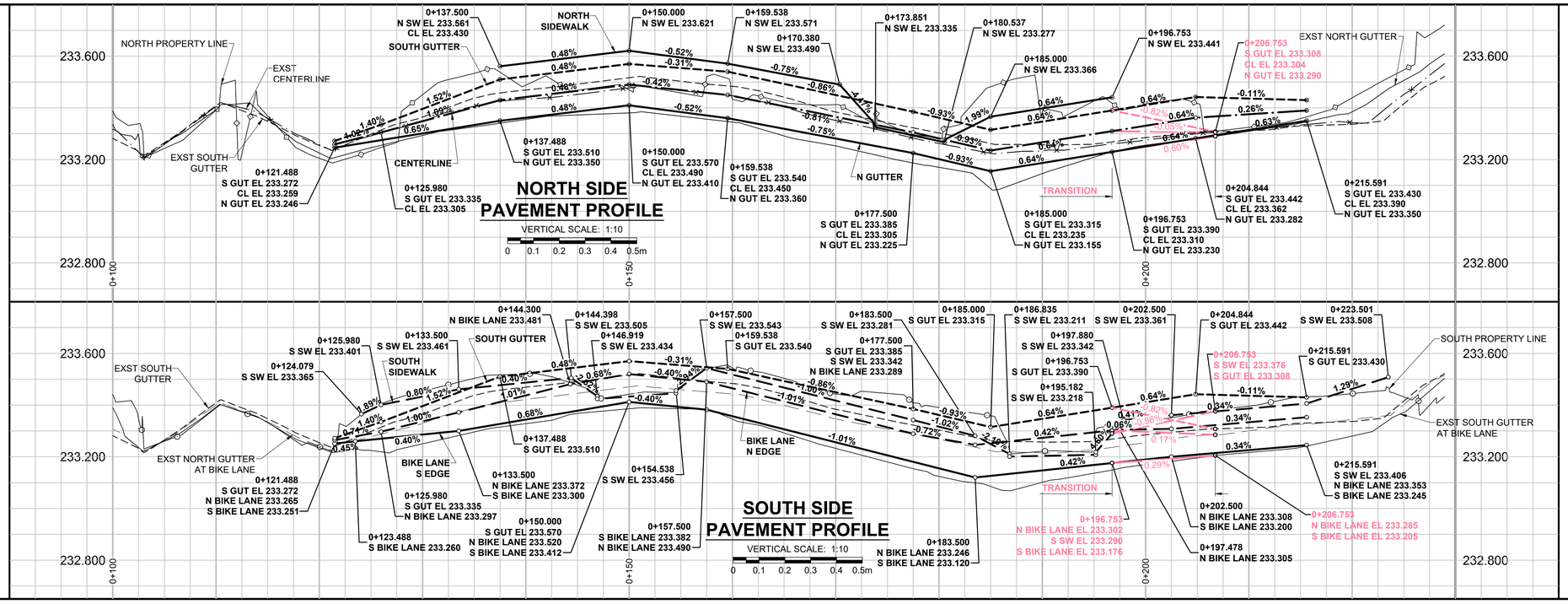


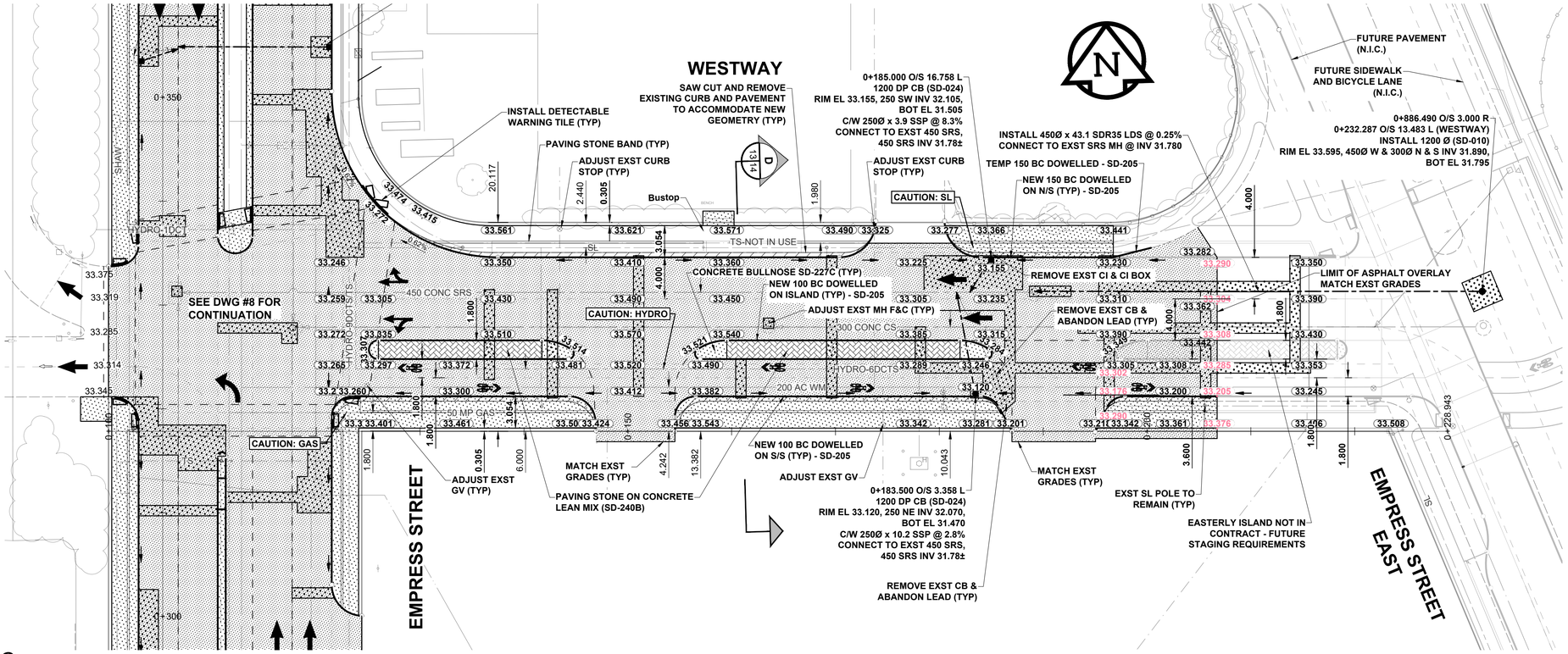


NOTES
1. ADJUST MH AND CB RIMS TO NEW GRADES.
2. CONTRACTOR TO REGRADE/RENEW EXST PRIVATE SIDEWALKS TO LIMITS AS SHOWN. SIDEWALKS TO BE RENEWED WITH CONCRETE UNLESS NOTED OTHERWISE.
3. CONTRACTOR TO TAKE PRECAUTIONARY STEPS AS OUTLINED IN THE SPECIFICATIONS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES .
4. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL INTERSECTION RADII, BACK LANE RADII AND BULLNOSES.
5. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
6. ADD 200.000m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.
7. CB SD-024 OFFSETS ARE DIMENSIONED TO BOC. CB SD-025 OFFSETS ARE DIMENSIONED O/C.
8. ALL DIMENSIONS TO BACK OF CURB AND THEORETICAL BACK OF CURB.

SECTION LEGEND
Section Letter
Taken Shown

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

BID OPPORTUNITY No. 38-2018

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

| EXISTING | LEGEND - PLAN | NEW | EXISTING | LEGEND - PLAN | NEW | EXISTING | LEGEND - PLAN | NEW |
|---|---|---|---|---|---|---|---|---|
| | GAS | | | MANHOLE | | | CONCRETE PAVEMENT | |
| | MTS / PEDESTAL | | | CATCH BASIN / CATCH PIT | | | CONC SIDEWALK / MEDIAN | |
| | HYDRO / CABINET | | | CURB INLET WITH BOX | | | ASPHALT PAVEMENT | |
| | CATV / FIBRE OPTIC | | | TREE | | | PAVING STONE | |
| | TRAFFIC SIGNALS / PIT | | TH-12 | TEST HOLE | | | GRAVEL | |
| | LAND DRAINAGE SEWER | | | PROPERTY LINE | | | RAMP CURB | |
| | SANITARY/COMBINED SEWER | | | SURVEY BAR | | | PLANING / REMOVAL | |
| | CB LEAD / SSP / DCP | | | FENCE | | | | |
| | WATER MAIN | | | BOC / EDGE OF PAVEMENT | | | | |
| | SUBDRAIN | | 33.000 | ELEVATION | 33.333 | | | |
| | DITCH | | | TRAFFIC SIGN | | | | |

LOCATION APPROVED
UNDERGROUND STRUCTURES
SUPR. 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.

BM -
ELEV -

| No. | REVISIONS | YY/MM/DD | BY |
|---|---|---|---|
| B | ISSUED FOR TENDER | 18/03/09 | RPB |
| A | ISSUED FOR CLIENT REVIEW | 18/01/31 | RPB |

MORRISON HERSHFIELD

| | | | |
|---|---|---|---|
| DESIGNED BY | DID | CHECKED BY | WRJ |
| DRAWN BY | DID | APPROVED BY | BWB |
| HOR SCALE | 1:250 | RELEASED FOR CONSTRUCTION | |
| VERT SCALE | 1:10 | | |
| DATE | 18/03/09 | DATE | |

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
R.P. BRUCE
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT FILE NAME
W160034-13-Empress-Rehab-PP-13.dwg

Winnipeg

# THE CITY OF WINNIPEG
## PUBLIC WORKS DEPARTMENT
### ENGINEERING DIVISION

2018 REGIONAL STREET REHABILITATION
EMPRESS STREET
PORTAGE AVENUE TO JACK BLICK AVENUE; WESTWAY AND EASTWAY
WESTWAY
HORIZONTAL AND VERTICAL ALIGNMENT
EMPRESS STREET TO EMPRESS STREET EAST

| CITY DRAWING NUMBER | |
|---|---|
| P-3494-13 | |
| SHEET 13 | OF 14 |
| DRAWING No. 13 | REV B |

ISO A1 - 594mm x 841mm
O:\Winnipeg\Proj\W160034\4 Design\1 Drawings\06 Sheets\Detailed Design\Contract 1-Rehabilitation\W160034-13-Empress-Rehab-PP-13.dwg Last Saved: 3/5/2018 2:20 PM by DDoszpod Plotted: 3/5/2018 2:25 PM by Daniel Doszpod