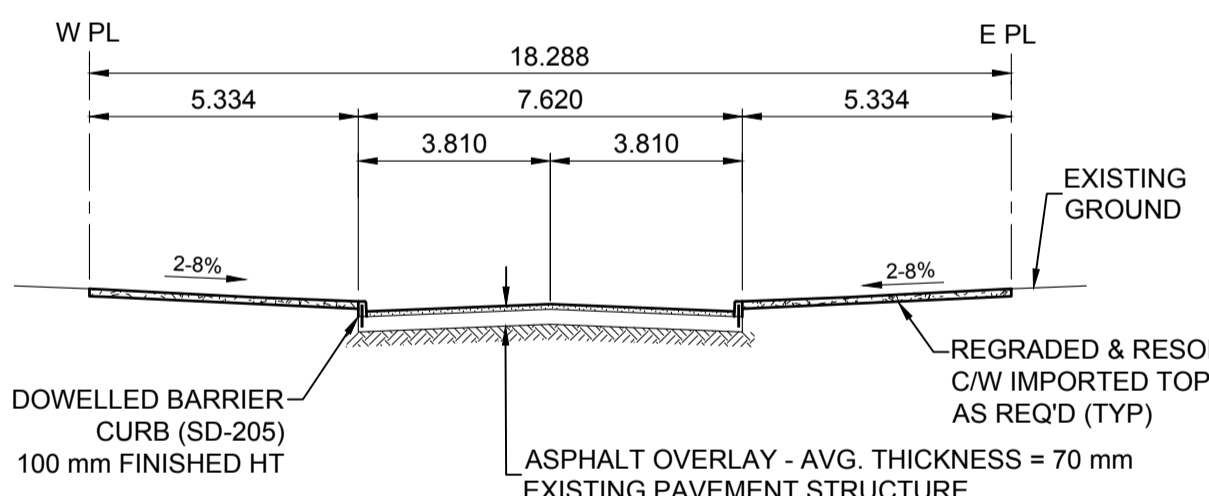
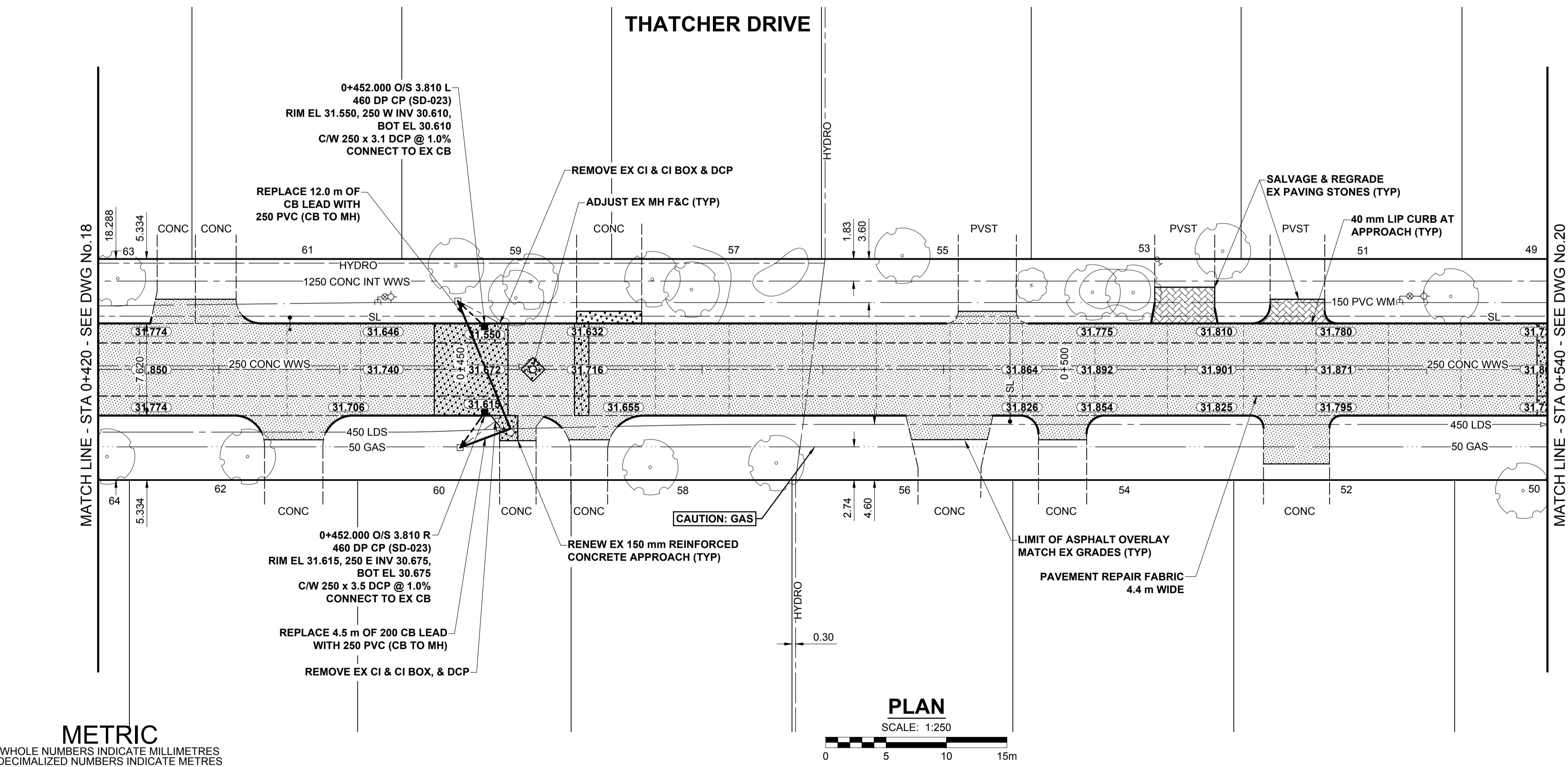


- NOTES**
- ADJUST MH AND CB RIMS TO NEW GRADES.
  - LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSE OF THE CONTRACTOR AS NECESSARY.
  - CONTRACTOR TO REGRADE/RENEW EXISTING PRIVATE SIDEWALKS TO LIMITS AS SHOWN. SIDEWALKS TO BE RENEWED WITH CONCRETE UNLESS NOTED OTHERWISE.
  - CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
  - CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
  - MODIFIED BARRIER CURB TO BE USED AT ALL INTERSECTION RADII, BACK LANE RADII AND BULLNOSES.
  - CONTRACTOR TO OVERLAY DRIVEWAYS TO ENSURE POSITIVE DRAINAGE TO NEW STREET GRADES. FINAL LIMITS TO BE DETERMINED IN THE FIELD BY CONTRACT ADMINISTRATOR.
  - CB SD-023 & SD-024 OFFSETS ARE DIMENSIONED TO BOC. CB SD-025 OFFSETS ARE DIMENSIONED O/C.
  - REFER TO BID OPPORTUNITY FOR DETAILS REGARDING TRAFFIC MANAGEMENT.
  - ADD 200.000 m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.

**PROFILE**  
VERTICAL SCALE: 1:10



**TYPICAL PAVEMENT SECTION**  
ASPHALT REHABILITATION  
SCALE: NTS

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

---	GAS	○	MANHOLE	●	CONCRETE PAVEMENT	---	LOCATION APPROVED
---	MTS HANDWELL/PEDESTAL	□	CATCH BASIN/CATCH PIT	■	CONC SIDEWALK/MEDIAN	---	UNDERGROUND STRUCTURES
---	HYDRO HANDWELL/CABINET	△	CURB INLET WITH BOX	▲	ASPHALT PAVEMENT	---	DATE
---	CATV/FIBRE OPTIC	○	TREE	▲	PAVING STONE	---	DATE
---	TRAFFIC SIGNALS/PIT	⊕	TH-12	▲	GRAVEL	---	DATE
---	LAND DRAINAGE SEWER	---	PROPERTY LINE	---	RAMP CURB	---	DATE
---	SANITARY/COMBINED SEWER	---	SURVEY BAR	---	PLANING/REMOVAL	---	DATE
---	CB LEAD/SSP/DCP	---	FENCE	---	---	---	DATE
---	WATERMAIN	---	BOC/EDGE OF PAVEMENT	---	---	---	DATE
---	SUBDRAIN	---	ELEVATION (33.333)	---	---	---	DATE
---	DITCH	---	TRAFFIC SIGN	---	---	---	DATE
---	EXISTING	---	LEGEND - PLAN	---	---	---	DATE
---	NEW	---	LEGEND - PLAN	---	---	---	DATE

**LOCATION APPROVED**  
UNDERGROUND STRUCTURES

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 77-024	University Cr. & Chancellor Matheson, in valve box, 1.0m top of 0.05 m dia. x 2.4 m iron pipe, 7.0 m S. of N.L. of Chancellor Matheson & 22.0 m W. of E.L. of University Cr.	ELEV 232.371 m												
<table border="1"> <tr> <td>No.</td> <td>REVISIONS</td> <td>DATE</td> <td>BY</td> </tr> <tr> <td>B</td> <td>ISSUED FOR TENDER</td> <td>18/03/28</td> <td>RPB</td> </tr> <tr> <td>A</td> <td>ISSUED FOR CLIENT REVIEW</td> <td>18/03/02</td> <td>RPB</td> </tr> </table>			No.	REVISIONS	DATE	BY	B	ISSUED FOR TENDER	18/03/28	RPB	A	ISSUED FOR CLIENT REVIEW	18/03/02	RPB
No.	REVISIONS	DATE	BY											
B	ISSUED FOR TENDER	18/03/28	RPB											
A	ISSUED FOR CLIENT REVIEW	18/03/02	RPB											

**MORRISON HERSHFIELD**

DESIGNED BY: RPB  
CHECKED BY: WRJ  
DRAWN BY: DML  
APPROVED BY: BWB  
RELEASED FOR CONSTRUCTION: 18/03/02

HOR SCALE: 1:250  
VERT SCALE: 1:10  
DATE: 18/03/02

PROFESSIONAL'S SEAL

**PRELIMINARY DRAWING**

NOT TO BE USED FOR CONSTRUCTION

CONSULTANT FILE NAME: 1700095-Thatcher-PP-04.dwg

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

**2018 LOCAL STREETS PACKAGE**  
THATCHER DRIVE  
UNIVERSITY CR TO NORTH END  
REHABILITATION  
PAVING AND GRADING  
STA 0+420 TO STA 0+540

CITY DRAWING NUMBER: N/A  
SHEET 19 OF 25  
DRAWING No. 19

BID OPPORTUNITY No. 127-2018