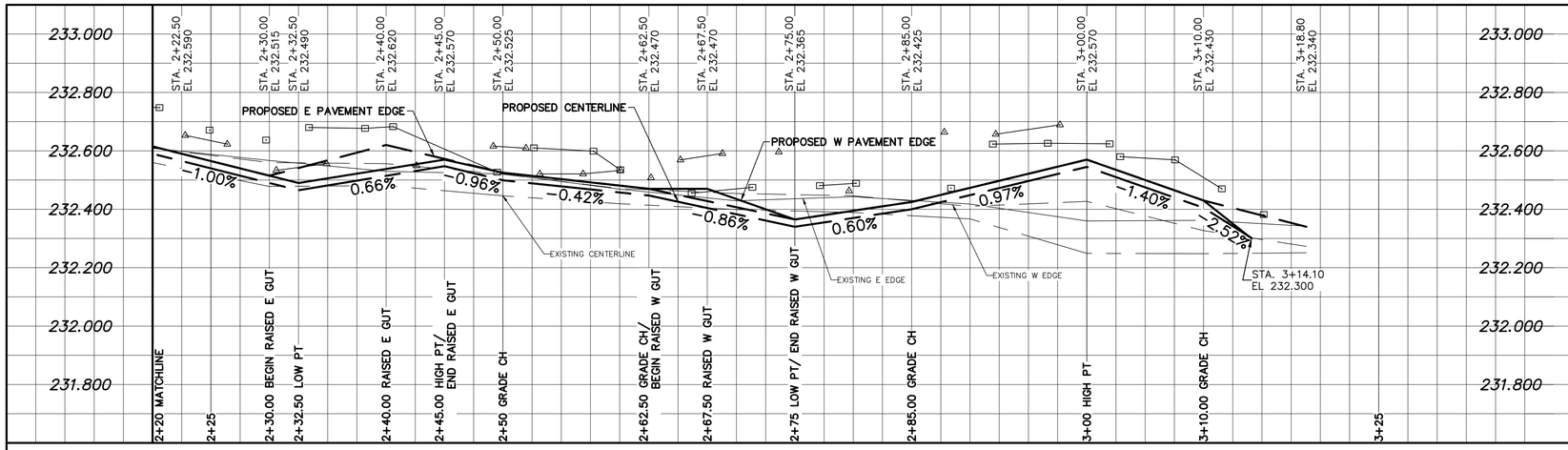
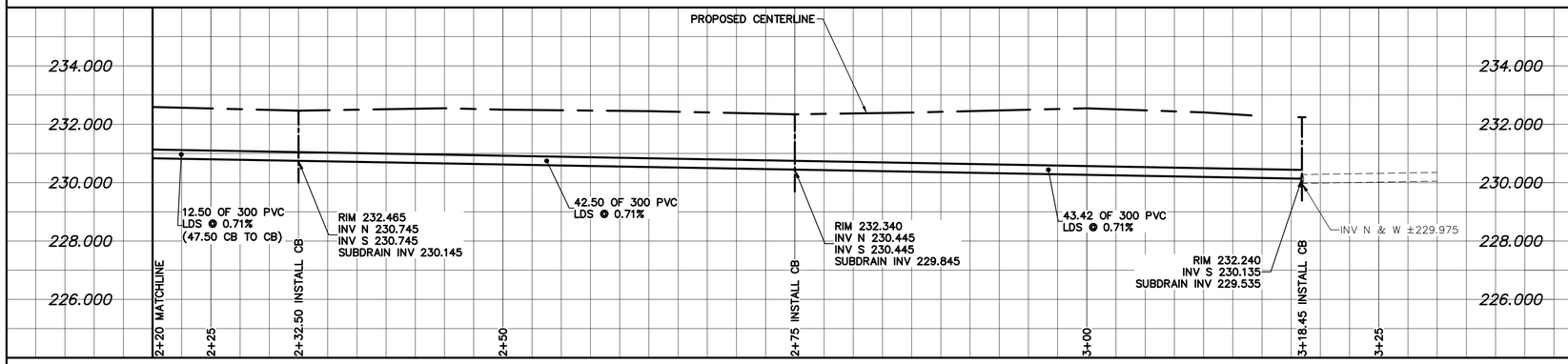



## ALLEY PAVEMENT PROFILE

SCALE: 1:250 HOR
1:10 VER

NOTES:

1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATION.
2. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
3. CONTRACTOR TO AVOID DAMAGE TO EXISTING TREES WITHIN THE LIMITS OF THE ALLEY RIGHT OF WAY AS OUTLINED IN THE BID OPPORTUNITY.
4. HYDRO POLES AND ANCHORS REQUIRING TEMPORARY SUPPORT TO BE DONE AT THE EXPENSE OF THE CONTRACTOR AS REQUIRED.
5. WHERE UNSTABLE SUB-GRADES ARE ENCOUNTERED, ADDITIONAL EXCAVATION/SUB-BASE AND INSTALLATION OF GEOGRID TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR AND CONSTRUCTED IN ACCORDANCE W/ CW-3110.
6. PROPOSED ELEVATIONS GIVEN ARE FOR EDGE OF PAVEMENT.
7. ISOLATE EXISTING HYDRO POLES AS PER SD-228C.
8. RENEW CURB AND SIDEWALK AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
9. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL BACK LANE RADII.
10. ALL EXISTING PRIVATE APPROACHES TO BE RENEWED AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
11. ADJUSTMENTS TO PROPOSED CROSSFALL, WHERE REQUIRED, ARE TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR TO SUIT EXISTING DRIVEWAYS, APPROACHES, ETC.
12. ALL BOULEVARD RESTORATION TO BE SODDED UNLESS OTHERWISE NOTED.
13. INSTALLATION OF LIP CURBS AND THEIR LIMITS THROUGH PRIVATE APPROACHES TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR.
14. REMOVE, ADJUST, AND SUPPLY PRECAST SIDEWALK BLOCKS AS DIRECTED BY THE CONTRACT ADMINISTRATOR.

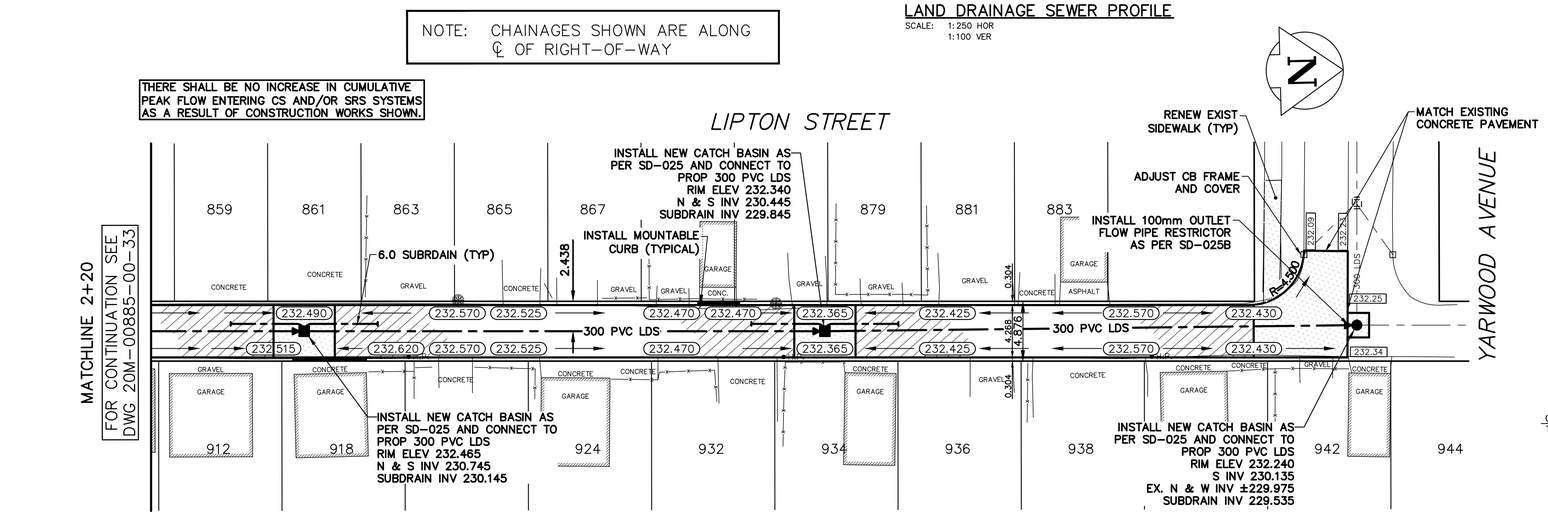


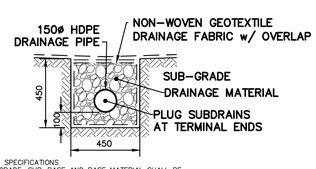

## LAND DRAINAGE SEWER PROFILE

SCALE: 1:250 HOR
1:100 VER

NOTE: CHAINAGES SHOWN ARE ALONG ℄ OF RIGHT-OF-WAY

THERE SHALL BE NO INCREASE IN CUMULATIVE PEAK FLOW ENTERING CS AND/OR SRS SYSTEMS AS A RESULT OF CONSTRUCTION WORKS SHOWN.

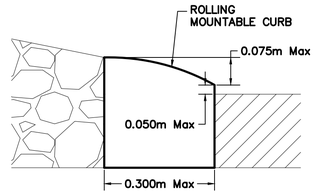



REFERENCE SPECIFICATIONS
1. SUB-GRADE, SUB-BASE AND BASE MATERIAL SHALL BE SUPPLIED AND PLACED IN ACCORDANCE WITH CW-3110
2. INSTALLATION OF SUBDRAINS SHALL BE IN ACCORDANCE WITH CW-3120
3. DRAINAGE GEOTEXTILE FABRIC AND DRAINAGE PIPE SHALL CONFORM TO "APPROVED PRODUCTS FOR SURFACE WORKS"

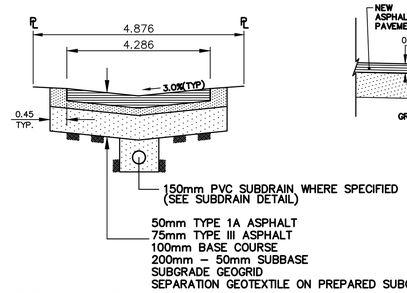
## TYPICAL ALLEY SUBDRAIN DETAIL

SCALE: N.T.S.



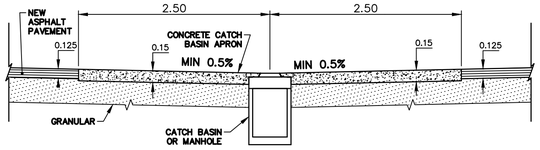

## TYPICAL MOUNTABLE CURB DETAIL

SCALE: N.T.S.




## TYPICAL ALLEY CROSS SECTION

SCALE: N.T.S.




## TYPICAL CATCHBASIN APRON DETAIL

SCALE: N.T.S.

FOR TENDER PURPOSES ONLY

NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
WSP Canada Inc.
No. 5750

| EXISTING | LEGEND – PLAN | PROPOSED | EXISTING | LEGEND – PLAN | PROPOSED | EXISTING | LEGEND – PROFILE | PROPOSED |
|---|---|---|---|---|---|---|---|---|
| | WATERMAIN | | | M.T.S. | | 150 WM | WATERMAIN | 150 WM |
| | HYDRANT | | | CONCRETE/ASPHALT | | | VALVE | |
| | VALVE | | | SIDEWALK | | 300 LDS | LAND DRAINAGE SEWER | 300 LDS |
| | CURB STOP | | | CURB RAMP | | 250 WWS | WASTE WATER SEWER | 250 WWS |
| | LAND DRAINAGE SEWER | | 232.00 | ELEVATIONS | 232.000 | | CENTERLINE | |
| | WASTE WATER SEWER | | | PROPERTY LINE | | | SOUTH & EAST GUTTER | |
| | CB LEAD | | | SURVEY BAR | | | NORTH & WEST GUTTER | |
| | MANHOLE | | | HYDRO POLE | | | S & E GARAGE PAD | |
| | CATCH BASIN | | | STREET LIGHT | | | N & W GARAGE PAD | |
| | GAS | | | JOINTS | | | | |
| | HYDRO | | | ASPHALT REPAIR | | | | |

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. TOP NUT OF HYDRANT AT THE NORTH EAST CORNER OF THE WELLINGTON AVENUE AND BANNING STREET INTERSECTION
ELEV. 232.905

| NO | REVISIONS | DATE | BY |
|---|---|---|---|
| -- | -- | -- | -- |
| -- | -- | -- | -- |
| -- | -- | -- | -- |
| -- | -- | -- | -- |
| -- | -- | -- | -- |
| 3 | ISSUED FOR TENDER | 04/02/21 | A.B. |
| 2 | WSP INTERNAL REVIEW | 11/01/21 | A.B. |
| 1 | PRELIMINARY DESIGN REVIEW | 11/12/20 | D.R |


WSP Canada Incorporated
Suite 111 - 93 Lombard Ave
Winnipeg, MB R3B 3B1
t. 204.943.3178
f. 204.943.4948
www.wsp.com


| | | | |
|---|---|---|---|
| DESIGNED BY | A.B | CHECKED BY | S.M. |
| DRAWN BY | D.R. | APPROVED BY | S.M. |
| HOR. SCALE: | 1:250 | RELEASED FOR CONSTRUCTION | -- |
| VERT. SCALE: | AS SHOWN | | |
| DECEMBER 2020 | | -- | |

NOT FOR CONSTRUCTION

CONSULTANT DRAWING NO.
20M-00885-00 -34

Winnipeg

# THE CITY OF WINNIPEG
## PUBLIC WORKS DEPARTMENT

2021 ALLEY RENEWALS
LIPTON ST / BANNING ST ALLEY
FROM STA 2+20 TO YARWOOD AVE

ASPHALT PAVEMENT

CITY DRAWING NO. LD-----
SHEET 2 OF 2
BID OPPORTUNITY 17-2021

PLOT DATE: February 4, 2021

BID OPPORTUNITY: 17-2021
CONTRACT NUMBER: CONTRACT 1

FILE PATH: P:\2020\20M-00885-00 - 2021 Local Street and Alley Renewal\04 2021 Alley Renewals\10 Drawings\03 Working Drawi
FILE NAME: 20M-00885-00_Lipton St_Banning St_Plan & Profile.dwg