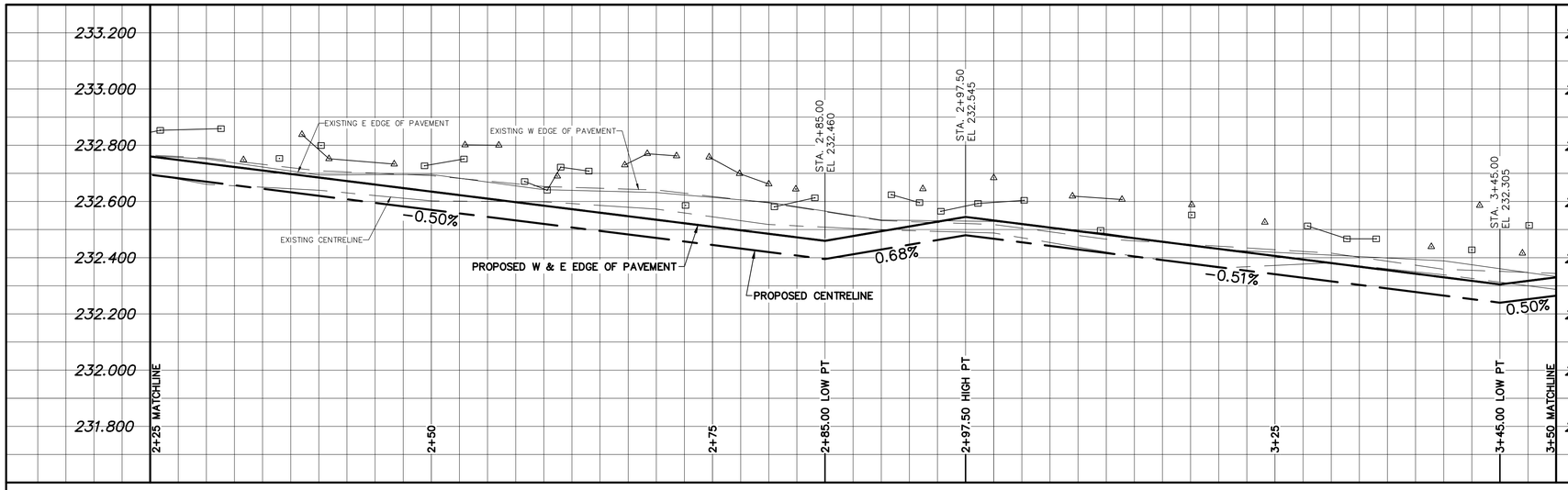
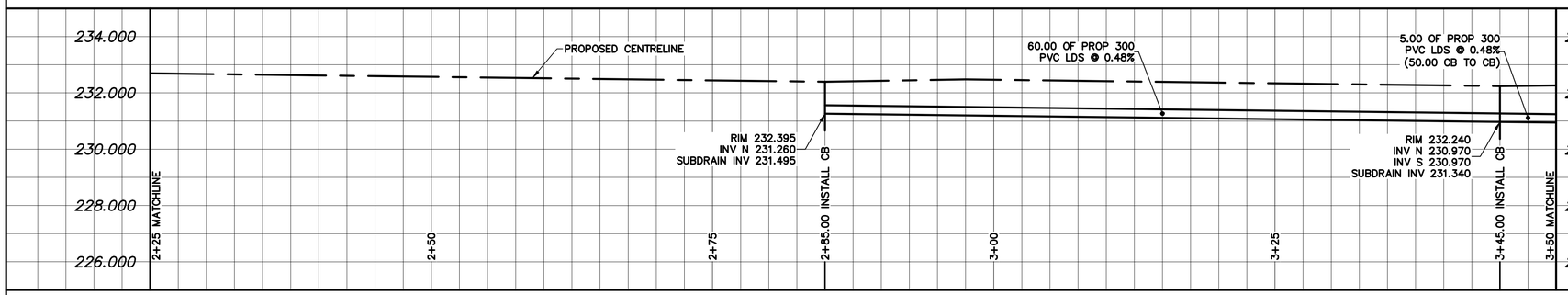


ALLEY PAVEMENT PROFILE

SCALE: 1:250 HOR
1:10 VER

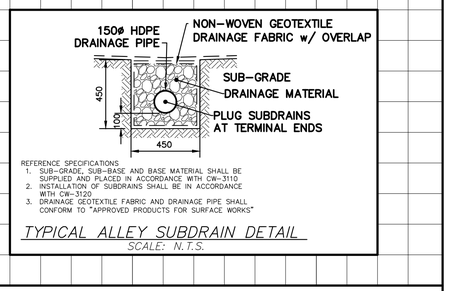
NOTES:

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

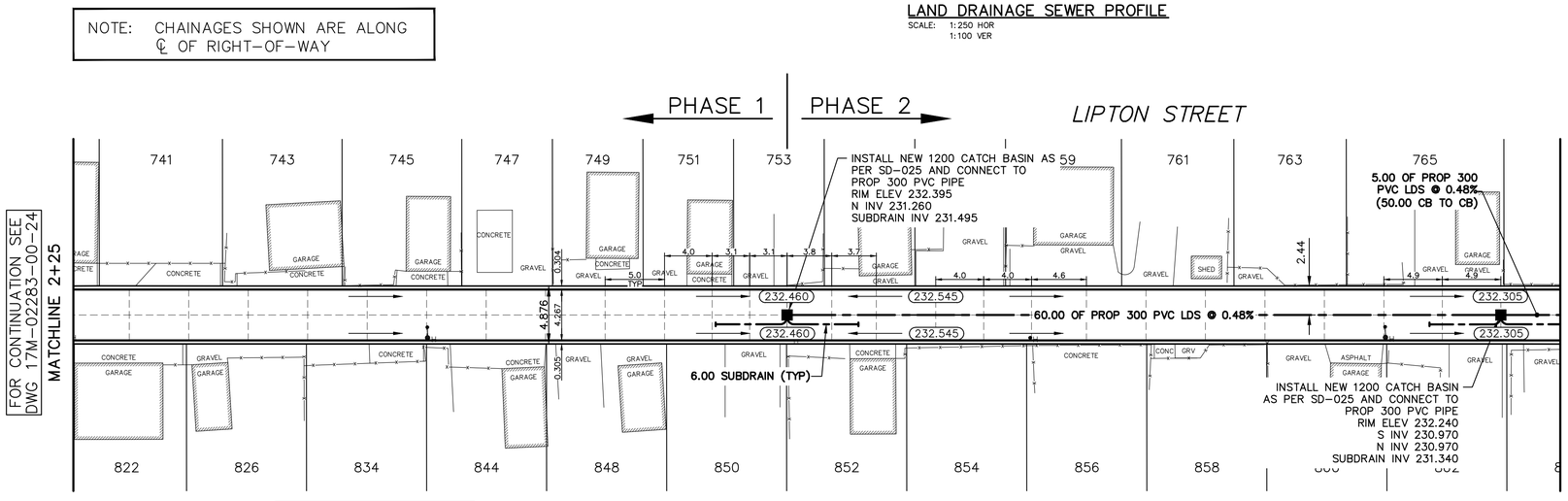


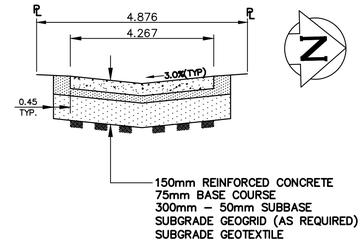
REFERENCE SPECIFICATIONS
1. SUB-GRADE, SUB-BASE AND BASE MATERIAL SHALL BE SUPPLIED AND PLACED IN ACCORDANCE WITH CW-3110
2. INSTALLATION OF SUBDRAINS SHALL BE IN ACCORDANCE WITH CW-3120
3. DRAINAGE GEOTEXTILE FABRIC AND DRAINAGE PIPE SHALL CONFORM TO "APPROVED PRODUCTS FOR SURFACE WORKS"

TYPICAL ALLEY SUBDRAIN DETAIL

SCALE: N.T.S.

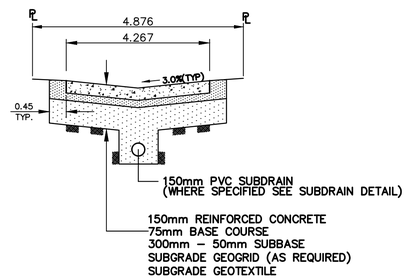
NOTE: CHAINAGES SHOWN ARE ALONG ℄ OF RIGHT-OF-WAY





TYPICAL ALLEY CROSS SECTION

SCALE: N.T.S.



TYPICAL ALLEY CROSS SECTION WITH SUBDRAIN

SCALE: N.T.S.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 5.0 10.0 15.0 20.0 25.0

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
WSP Canada Group Limited
No. 6657

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

	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	●	●H	HYDRO POLE		⊞	S & E GARAGE PAD	
□	CATCH BASIN	■	●H	STREET LIGHT		⊿	N & W GARAGE PAD	
	GAS			JOINTS				
	HYDRO			ASPHALT REPAIR				
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED

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.	ELEV.
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NO	REVISIONS	DATE	BY
4	ISSUED FOR TENDER	18/03/19	K.G.
3	UGS REVIEW	18/02/23	K.G.
2	DETAILED DESIGN REVIEW	18/02/16	K.G.
1	PRELIMINARY DESIGN REVIEW	18/01/15	K.G.

wsp
111-93 Lombard Avenue
Winnipeg, Manitoba
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Fax: 204-943-4948
wsp.com

DESIGNED BY K.G.	CHECKED BY R.H.
DRAWN BY D.R./K.G.	APPROVED BY S.M.
HOR. SCALE: 1:250	RELEASED FOR CONSTRUCTION --
VERT. SCALE: AS SHOWN	
JANUARY 2018	--

NOT FOR CONSTRUCTION

CONSULTANT DRAWING NO. 17M-02283-00 -25

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

2018 ALLEY RENEWALS
LIPTON STREET / BANNING STREET ALLEY
FROM STA 2+25 TO STA 3+50

CONCRETE PAVEMENT

CITY DRAWING NO.

SHEET 2 OF 3

BID OPPORTUNITY 28-2018

PLOT DATE: March 20, 2018

BID OPPORTUNITY: 28-2018
CONTRACT NUMBER: CONTRACT 2

FILE PATH: P:\2017\17M-02283-00 - Local Alley Package 18-RL-01\08 WSP Drawings\Contract 2
FILE NAME: Lipton_Banning Alley.dwg