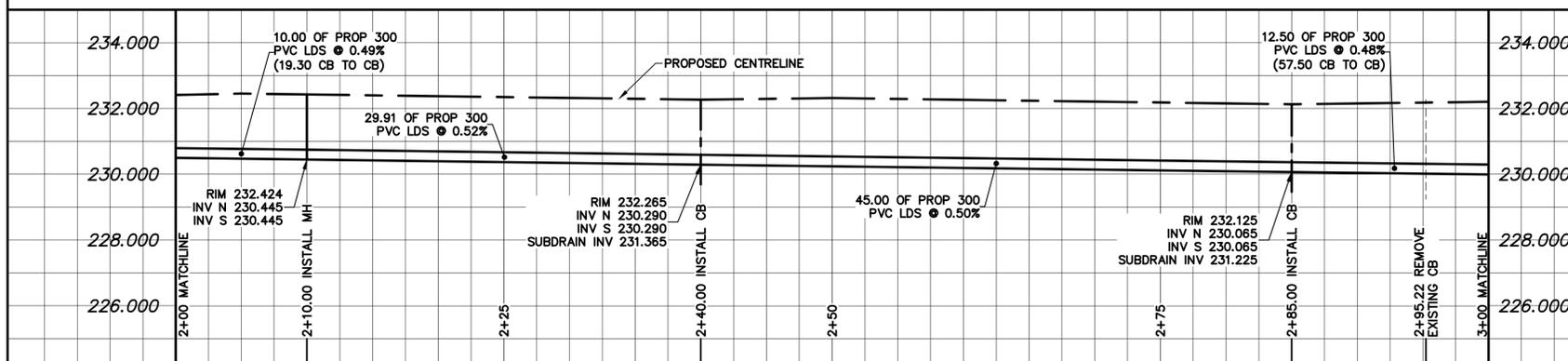


ALLEY PAVEMENT PROFILE
SCALE: 1:250 HOR
1:10 VER

- 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-226C.
 8. RENEW CURB AND SIDEWALK AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
 9. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL BACK LANE RADI.
 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 UP 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.



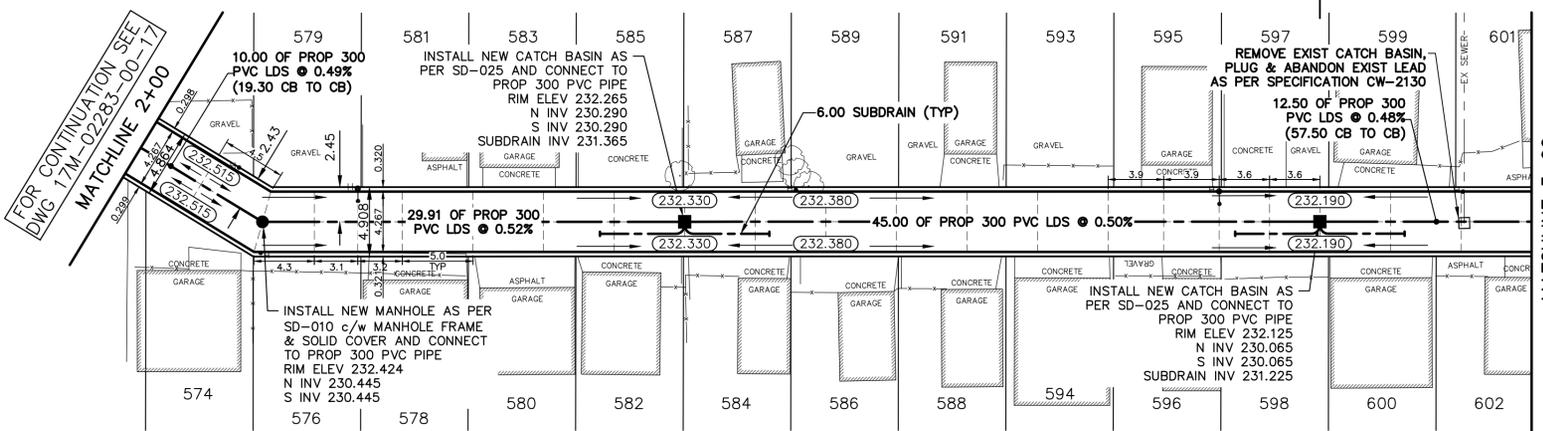
LAND DRAINAGE SEWER PROFILE
SCALE: 1:250 HOR
1:100 VER

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

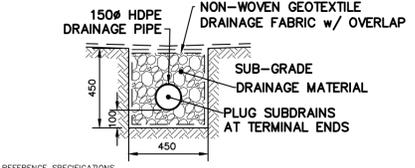
NOTE: CHAINAGES SHOWN ARE ALONG C/O OF RIGHT-OF-WAY

BURNELL STREET / ALVERSTONE STREET

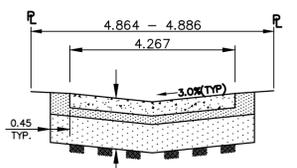
PHASE 1 PHASE 2



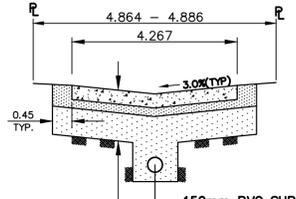
ARLINGTON STREET



TYPICAL ALLEY SUBDRAIN DETAIL
SCALE: N.T.S.

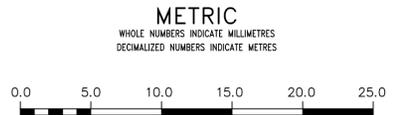


TYPICAL ALLEY CROSS SECTION
SCALE: N.T.S.



TYPICAL ALLEY CROSS SECTION WITH SUBDRAIN
SCALE: N.T.S.

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



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

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES DATE COMMITTEE

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.			
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		
DATE	JANUARY 2018		
NO	REVISIONS	DATE	BY

wsp

111-93 Lombard Avenue
Winnipeg, Manitoba
R3B 3B1 Canada
Phone: 204-943-3178
Fax: 204-943-4948
wsp.com

NOT FOR CONSTRUCTION

CONSULTANT DRAWING NO. 17M-02283-00-18

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

2018 ALLEY RENEWALS
ALVERSTONE ST / ARLINGTON ST ALLEY
FROM STA 2+00 TO STA 3+00

CITY DRAWING NO. SHEET 2 OF 4
BID OPPORTUNITY 28-2018