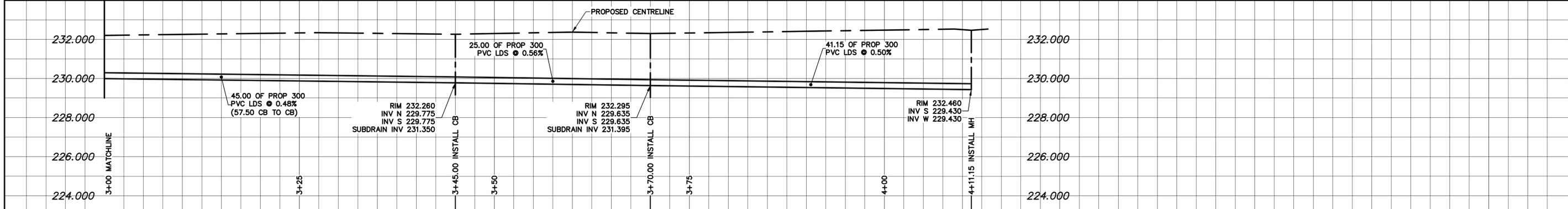


- NOTES:**
1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATION.
  2. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
  3. CONTRACTOR TO AVOID DAMAGE TO EXISTING TREES WITHIN 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-226B.
  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.

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

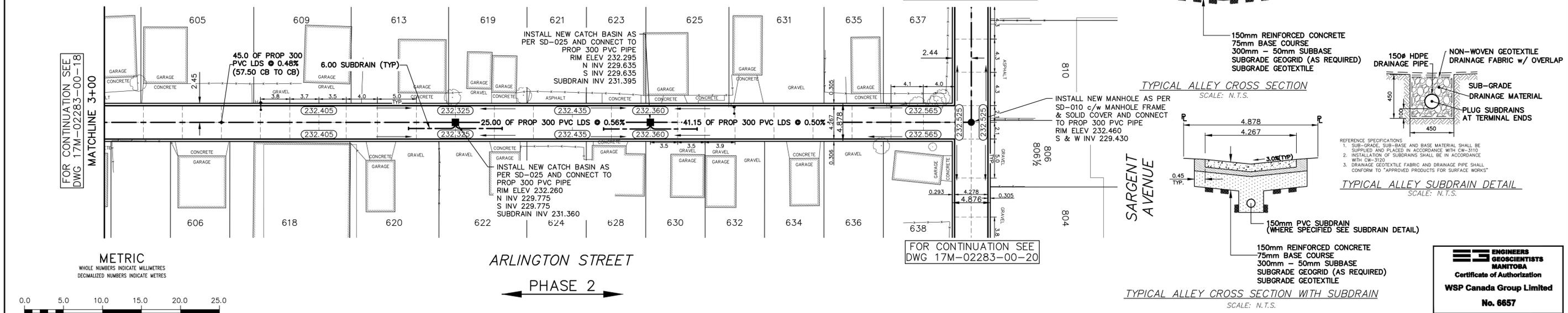


**LAND DRAINAGE SEWER PROFILE**  
SCALE: 1:250 HOR  
1:100 VER

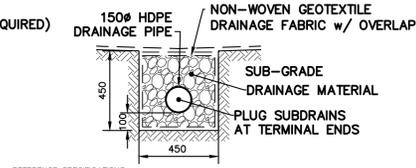
THERE SHALL BE NO INCREASE IN CUMULATIVE PEAK FLOW ENTERING CS AND/OR SRS SYSTEMS AS A RESULT OF CONSTRUCTION WORKS SHOWN.

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

**BURNELL STREET / ALVERSTONE STREET**



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



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

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

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

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

WATERMAIN	M.T.S.	150 MM	WATERMAIN	150 MM
HYDRANT	CONCRETE/ASPHALT	300 LDS	VALVE	300 LDS
VALVE	SIDEWALK	250 WWS	LAND DRAINAGE SEWER	300 LDS
CURB STOP	CURB RAMP	(232.00)	WASTE WATER SEWER	250 WWS
LAND DRAINAGE SEWER	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			
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE
			PROPOSED	

**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 EXISTING 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		

**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-02283-00-19

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

2018 ALLEY RENEWALS  
ALVERSTONE ST / ARLINGTON ST ALLEY  
FROM STA 3+00 TO SARGENT AVENUE ALLEY  
CONCRETE PAVEMENT

CITY DRAWING NO.  
SHEET 3 OF 4  
BID OPPORTUNITY  
28-2018