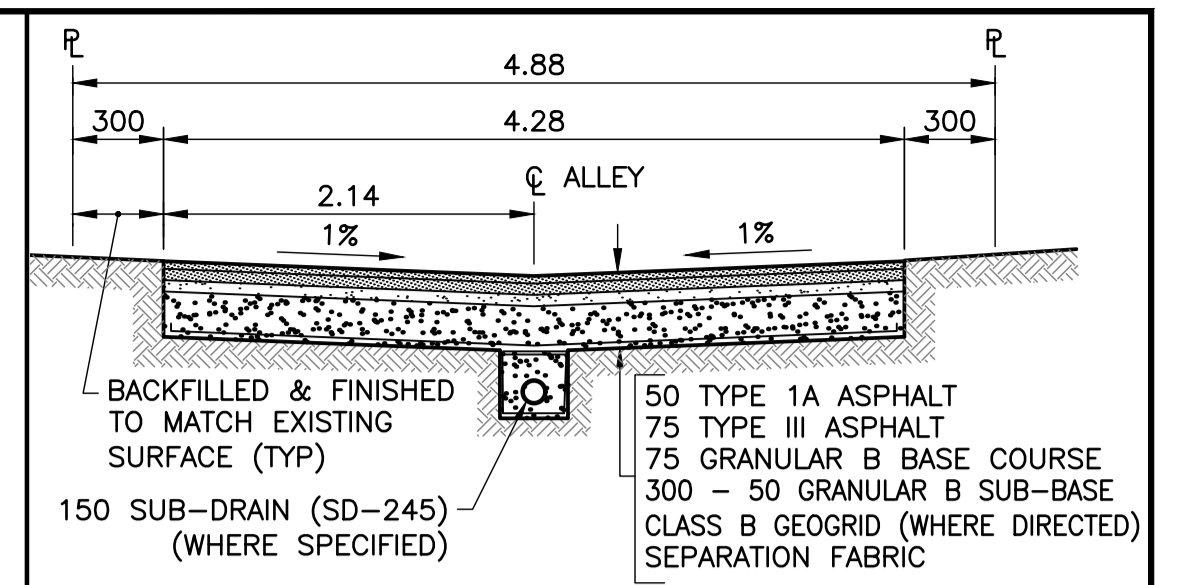
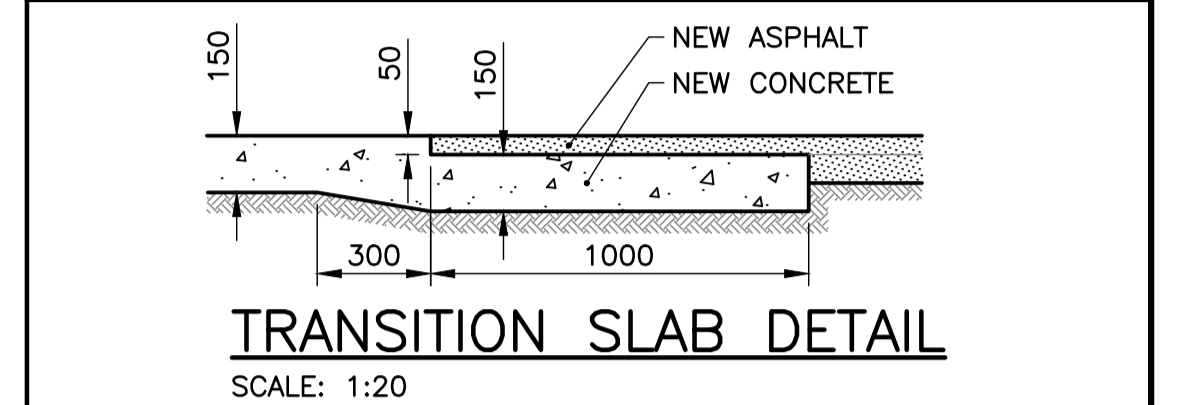


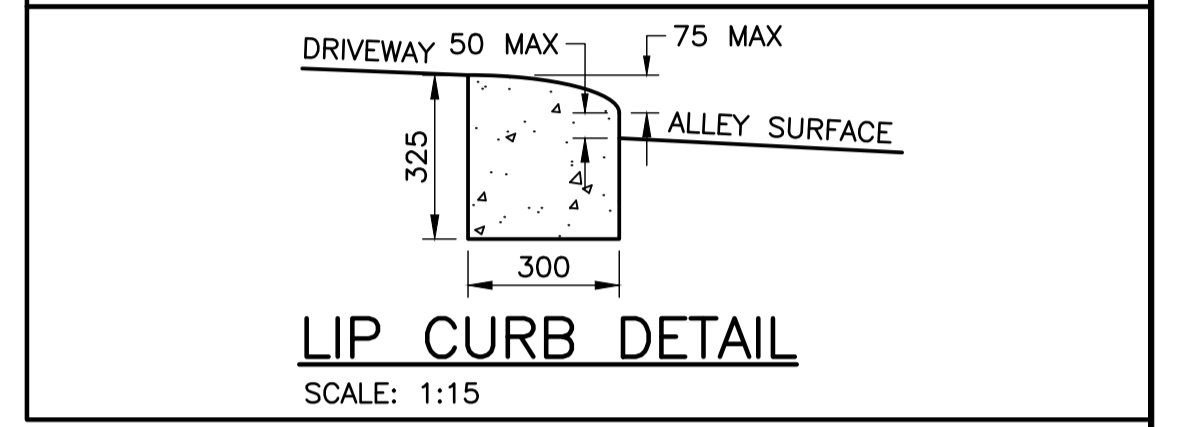
**ALLEY PAVEMENT PROFILE**  
SCALE: 1:250 HOR 1:10 VER



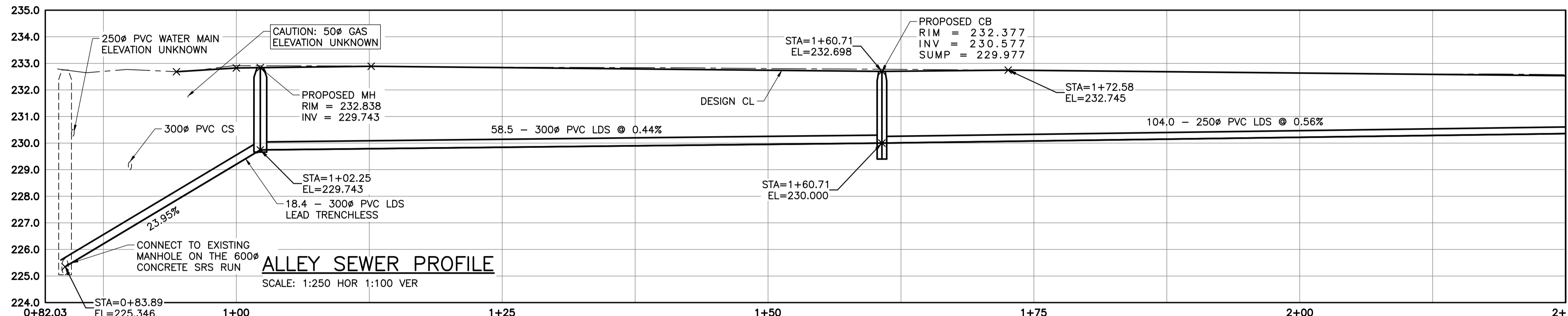
**ASPHALT CROSS SECTION**  
SCALE: 1:50



**TRANSITION SLAB DETAIL**  
SCALE: 1:20

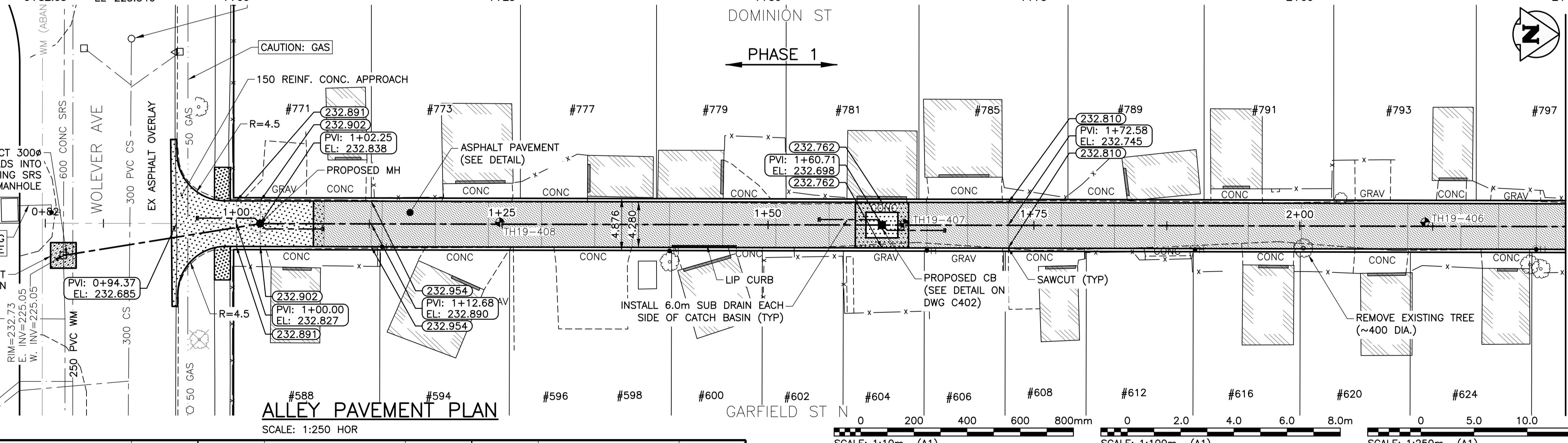


**LIP CURB DETAIL**  
SCALE: 1:15



**ALLEY SEWER PROFILE**  
SCALE: 1:250 HOR 1:100 VER

- NOTES**
- STATION CHAINAGE IS BASED ON CENTERLINE OF ALLEY RIGHT OF WAY.
  - ALLEY TO BE CONSTRUCTED IN PHASES AS SHOWN.
  - REGRADE EXISTING PRIVATE SIDEWALKS, APPROACHES & REAR OR SIDEYARDS AS DIRECTED.
  - INSTALLATION OF LIP CURBS AND THEIR EXTENTS TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR ON SITE.
  - CONCRETE APPROACH RENEWALS TO BE REINFORCED IN ACCORDANCE WITH CW-3230, CW-3310, & SD-237.
  - INSTALL MODIFIED BARRIER CURB AT ALL ALLEY APPROACH RADII (SD-203B).
  - ALL EXISTING TREES TO BE PROTECTED THROUGHOUT CONSTRUCTION UNLESS OTHERWISE NOTED.
  - CONTACT THE CITY OF WINNIPEG GEOMATICS BRANCH IN ADVANCE OF CONSTRUCTION TO COORDINATE MONUMENT PROTECTION SERVICES (204)-918-1360.
  - CONFIRM THE LOCATION OF ALL UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
  - LIGHT STANDARDS AND HYDRO POLES MAY REQUIRE TEMPORARY SUPPORT DURING CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.
  - ISOLATE ALL POLES, BASES AND PILES WITHIN ALLEY RIGHT OF WAY (SD-228C).
  - NO VIBRATORY COMPACTION PERMITTED WITHIN 1.0M OF GAS MAINS OR DUCT BANKS.
  - NO WORKS, INCLUDING CONCRETE CUTTING OR BREAKING, TO BE UNDERTAKEN NEAR GAS LINES OR DUCT BANKS UNTIL DEPTH OF COVER IS DETERMINED AND A MANITOBA HYDRO SAFETY WATCH REPRESENTATIVE IS ON SITE.
  - PROVIDE SEWER INSPECTION FOR ALL NEW SEWER PIPE INSTALLATION, POINT REPAIRS & ABANDONMENTS.



**ALLEY PAVEMENT PLAN**  
SCALE: 1:250 HOR

**PROPERTY LIMITS DELINEATION**

DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**ENGINEERS GEOSCIENTISTS MANITOBA**  
Certificate of Authorization  
KGS Group  
No. 245

**WARNING**

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
- SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
300 LDS	LAND DRAINAGE SEWER	300 LDS	- - - - -	FENCE	- - - - -			
250 WWS	WASTE WATER SEWER	250 WWS	— — — — —	TEST HOLE	— — — — —			
	GAS		— — — — —	GUY WIRE	— — — — —			
	HYDRO		— — — — —	LIGHT STANDARD	— — — — —			
	M.T.S.		— — — — —	BACK OF CURB	— — — — —			
150 WM	WATER MAIN	150 WM	— — — — —	CONCRETE	— — — — —			
	HYDRANT		— — — — —	ASPHALT	— — — — —			
	VALVE		— — — — —	SIDEWALK	— — — — —			
	MANHOLE		— — — — —	PROPERTY LINE	— — — — —			
	CATCH BASIN		— — — — —	SURVEY BAR	— — — — —			
	CURB INLET		— — — — —	GEODETTIC BENCHMARK	— — — — —			
	POLES		— — — — —	ELEVATION	— — — — —			
			— — — — —		— — — — —			

**LOCATION APPROVED UNDERGROUND STRUCTURES**

B.M. KGS\_BASE  
ELEV. 249.221

**KGS GROUP**

DESIGNED BY: JB  
CHECKED BY: CR  
DRAWN BY: JLF  
APPROVED BY: CR  
HOR. SCALE: 1:250  
VERTICAL: VARIES  
ISSUED FOR TENDER: 20/03/18  
DATE: 2019-02-15

**ENGINEER'S SEAL**  
PROVINCE OF MANITOBA  
AARON ROSCOE  
REGISTERED PROFESSIONAL ENGINEER  
14569  
2020-03-19

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

PROJECT TITLE: 2019 ALLEY RENEWALS AND LOCAL IMPROVEMENT ALLEYS  
DOMINION ST / GARFIELD ST  
WOLEVER AVE TO ST MATTHEWS AVE  
WOLEVER AVE TO STA 2+25

SHEET 13 OF 24  
COMPUTER FILE NAME: 18-0107-017\_CALL  
CITY DRAWING NUMBER: —

File: B:\Projects\2019\18-0107-017\Drawings\18-0107-017\_CALL - Tab: C401.dwg  
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 A1 (C401.dwg) SCALE: 1:1