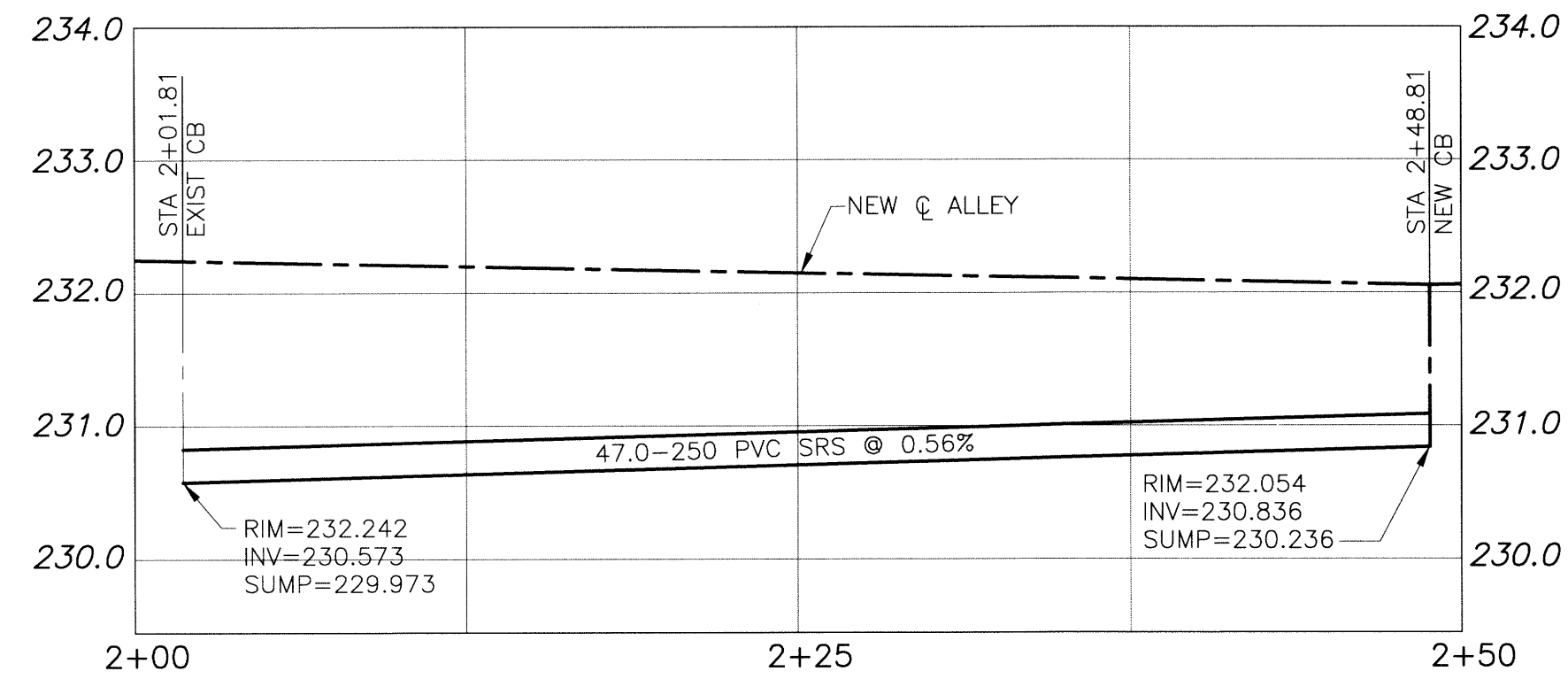


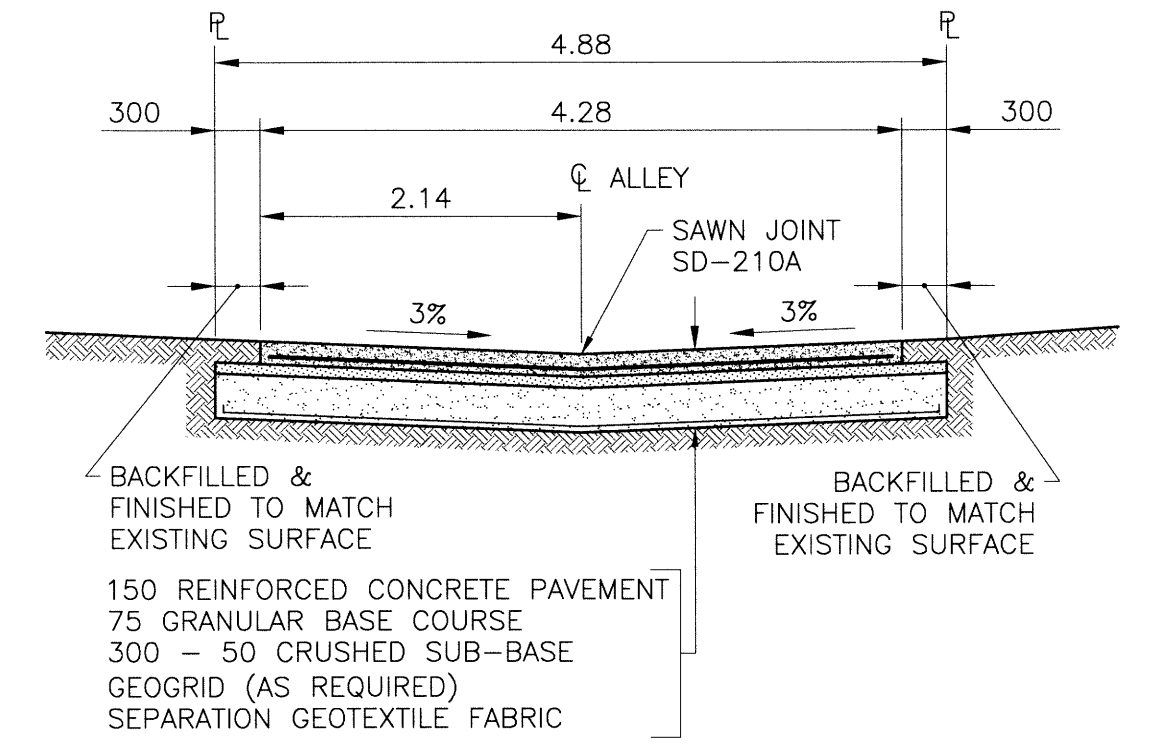
**ALLEY PAVEMENT PROFILE**

SCALE: 1:250 HOR  
1:10 VER



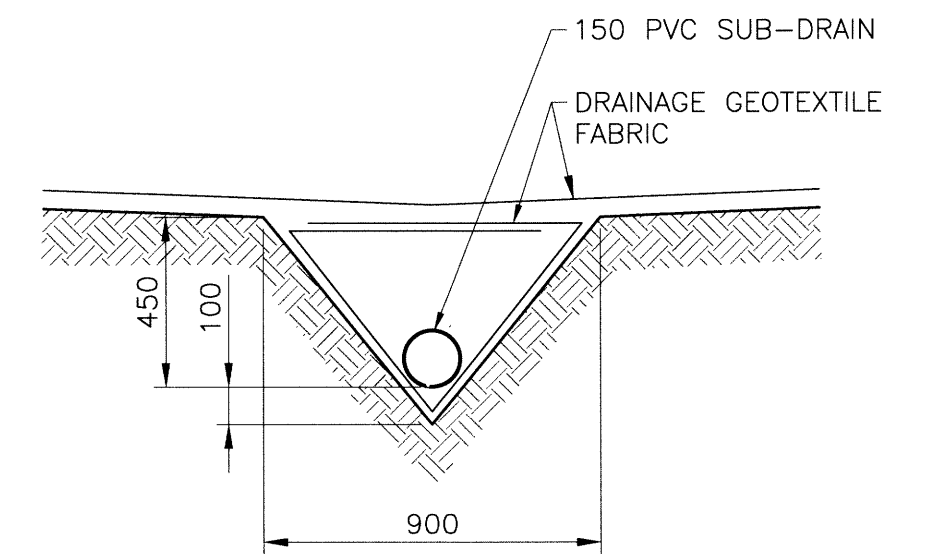
**SEWER PROFILE**

SCALE: 1:250 HOR  
1:50 VER



**TYPICAL CROSS SECTION**

SCALE: 1:50



**SUB-DRAIN DETAIL**

SCALE: 1:20

**NOTES:**

1. STATION CHAINAGE IS BASED ON CENTERLINE OF ALLEY RIGHT OF WAY.
2. ADJUST MH AND CB RIMS TO NEW GRADES.
3. PLUG SUB-DRAINS AT TERMINAL ENDS.
4. REGRADE EXISTING PRIVATE SIDEWALKS AS REQUIRED.
5. INSTALLATION OF LIP CURBS AND THEIR EXTENTS TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR.
6. LIGHT STANDARDS, HYDRO POLES AND ANCHORS MAY REQUIRE TEMPORARY SUPPORT/REMOVAL OR REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
7. ISOLATE ALL POLES, BASES AND PILES WITHIN ALLEY RIGHT OF WAY (SD-228C)
8. AVOID DAMAGE TO EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION
9. CITY OF WINNIPEG SURVEY MONUMENTS EXIST ON THIS SITE. CONTRACTOR TO CONTACT THE CITY OF WINNIPEG GEOMATICS BRANCH 5 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO COORDINATE MONUMENT PROTECTION SERVICES (204-918-1360)

**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.

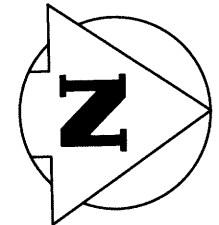
**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

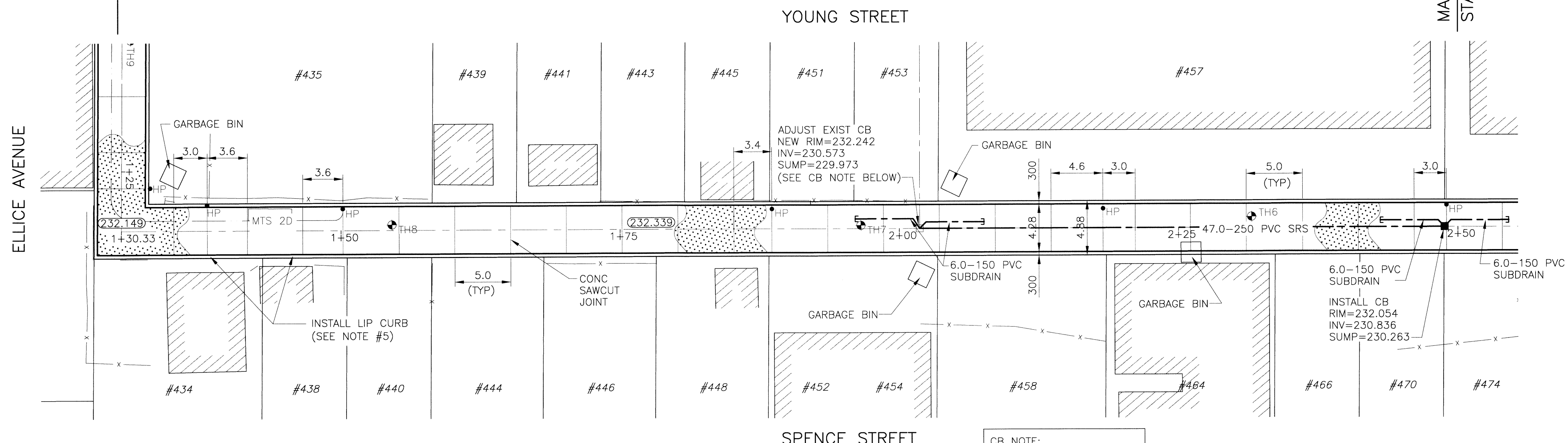
**PROPERTY LIMITS DELINEATION**

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.

MATCH LINE  
STA 1+30.33



MATCH LINE  
STA 2+50



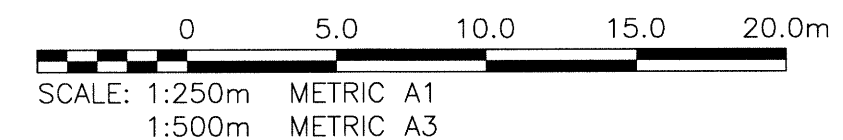
**ALLEY PAVEMENT PLAN**

SCALE: 1:250 HOR

CB NOTE:  
EXISTING CB TO ACT AS  
MANHOLE FOR NEW CB  
LOCATED AT STA 2+48.81



Certificate of Authorization  
KGS Group  
No. 245



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

**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. 37-020 ELEV. 232.298	S.E. Cor. Sargent Ave. & Spence St., Tblt. in N. Conc. Foundation No. 486 Sargent Ave., 0.5m E. & 0.1m below brick of N.W. Cor. of Bldg.
0	ISSUED FOR TENDER
NO.	REVISIONS
DATE	BY

<b>KGS GROUP CONSULTING ENGINEERS</b>	
DESIGNED BY: RBO	CHECKED BY: [Signature]
DRAWN BY: GEL/DMW	APPROVED BY: [Signature]
HOR. SCALE: 1:250	RELEASED FOR CONSTRUCTION: [Date]
VERTICAL: 1:50	DATE: 14/05/02

ENGINEER'S SEAL  
  
 CONSULTANT DRAWING NO.  
**13-0107-032\_C15**

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

PROJECT TITLE  
**2014 ALLEY RENEWAL PROGRAM**  
 CONTRACT 2  
 YOUNG ST/SPENCE ST  
 ELLICE AVE TO SARGENT AVE  
 1+30.33 TO STA 2+50

SHEET OF  
**15** OF **17**

COMPUTER FILE NAME  
**13-0107-032\_CALL**

CITY DRAWING NUMBER  
**0015**