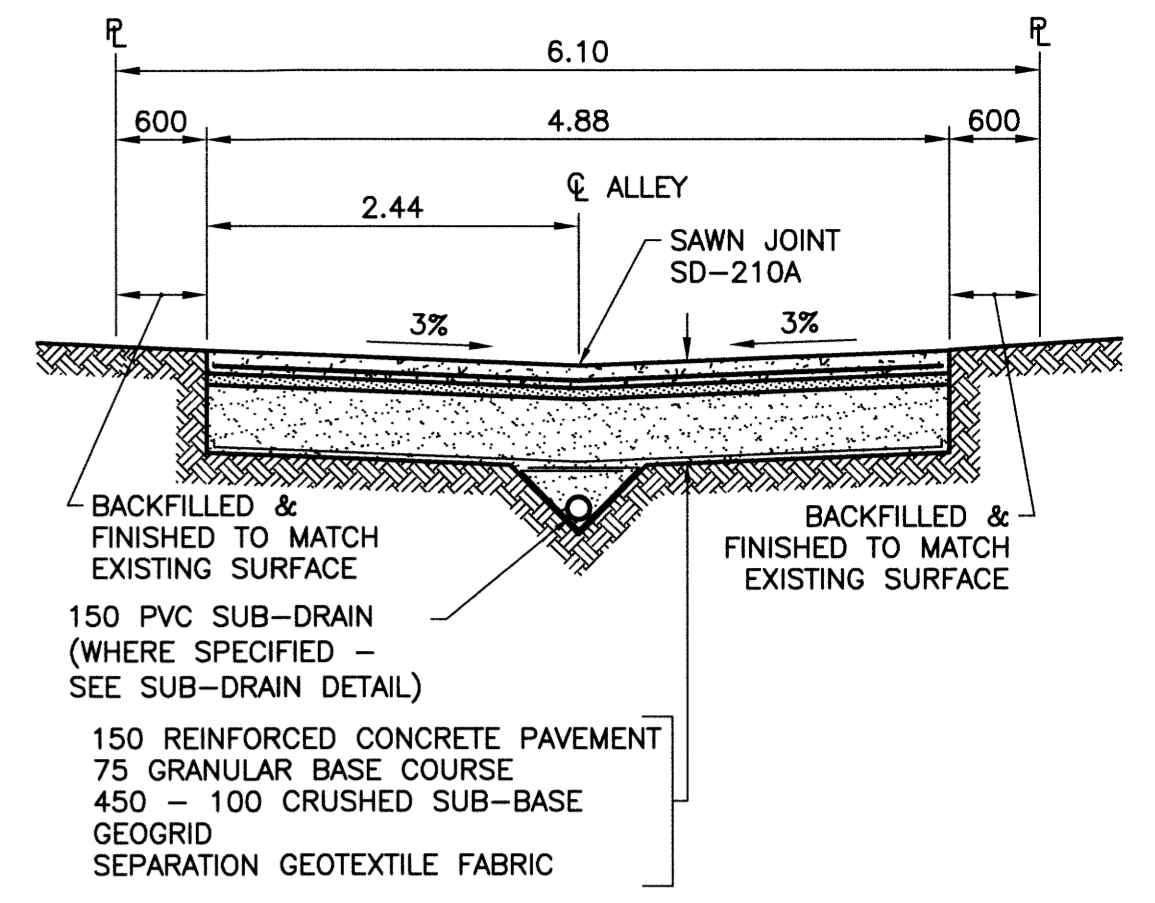
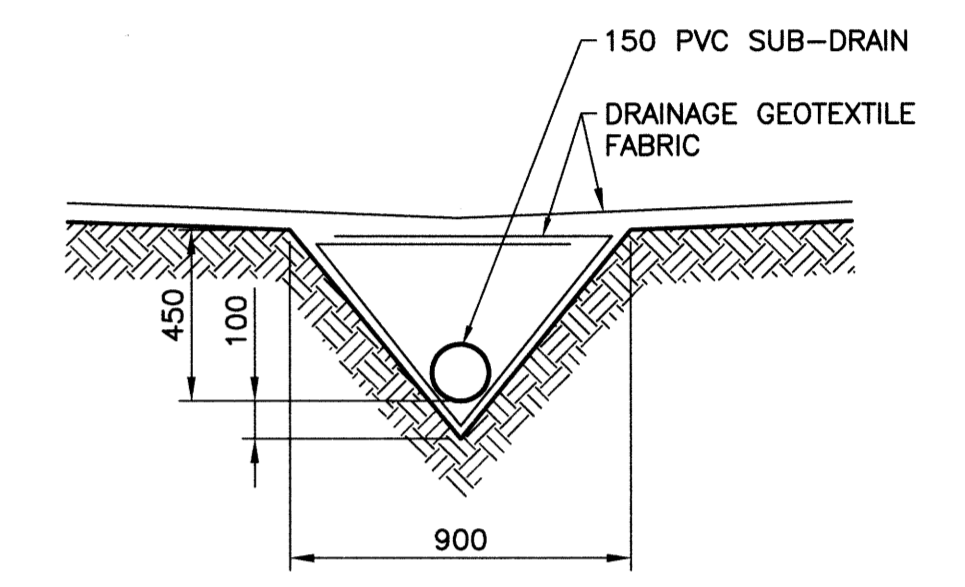


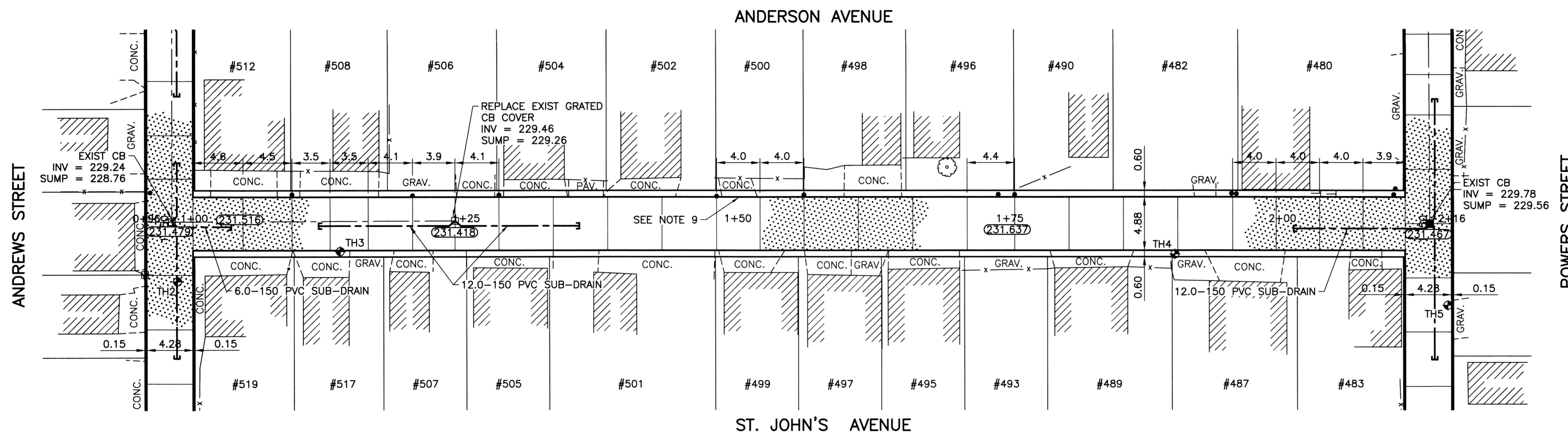
ALLEY PAVEMENT PROFILE
SCALE: 1:250 HOR
1:10 VER



TYPICAL CROSS SECTION
SCALE: 1:50

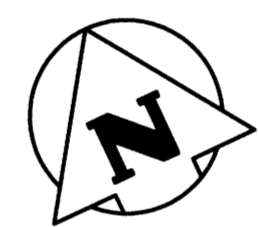


SUB-DRAIN DETAIL
SCALE: 1:20



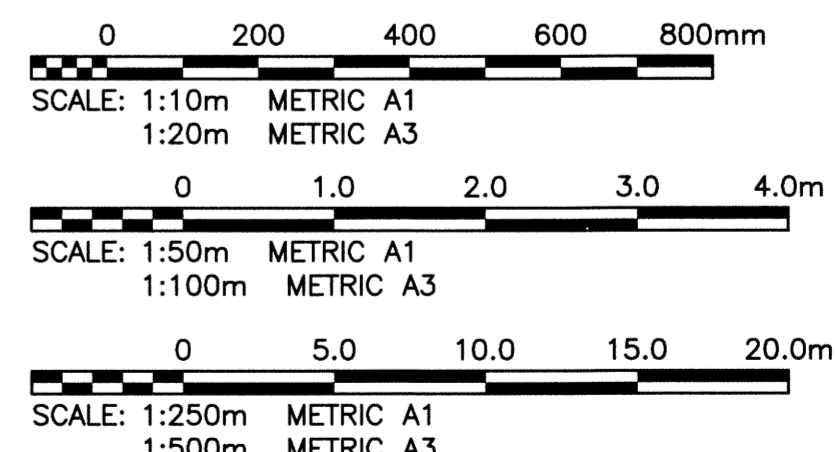
ALLEY PAVEMENT PLAN
SCALE: 1:250 HOR

- 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. KEEP CONCRETE 25mm BELOW FORMS ALONG NORTH EDGE AT DRIVEWAY FOR #500 ANDERSON AVE (APPROX. STA 1+50) TO PROVIDE POSITIVE DRAINAGE.



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.



P:\Projects\2013\13-0107-007\DocControl\Tobiasued\DWG\13-0107-007-C02-Rev 0.dwg - Tab: 02 Plotted By: cloewen 06/19/2013 [Wed 7:08am] PLOT: 1:1 A-1

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

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPPLY 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 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. 26-028	N.W. Cor. Mountain Ave. & Powers St.	
ELEV. 231.451	plug in 13.7m Conc. pile, 2.3m E. of W.L. of Powers St. & 0.1m N. of N.L. of Mountain Ave.	

KGS GROUP CONSULTING ENGINEERS

Certificate of Authorization
KGS Group
No. 245

DESIGNED BY	RBO	CHECKED BY	CR
DRAWN BY	GEL	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:	1:50	DATE	13/06/12

ENGINEER'S SEAL

PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
OFFMAN
Member No. 2772

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT TRANSPORTATION ENGINEERING DIVISION

PROJECT TITLE
2013 ALLEY RENEWAL PROGRAM CONTRACT 1

ANDERSON AVE/ST JOHN'S AVE
ANDREWS ST TO POWERS ST

CONSULTANT DRAWING NO.
13-0107-007_C02

SHEET OF
02 OF **16**

COMPUTER FILE NAME
13-0107-007_CALL

CITY DRAWING NUMBER
0002