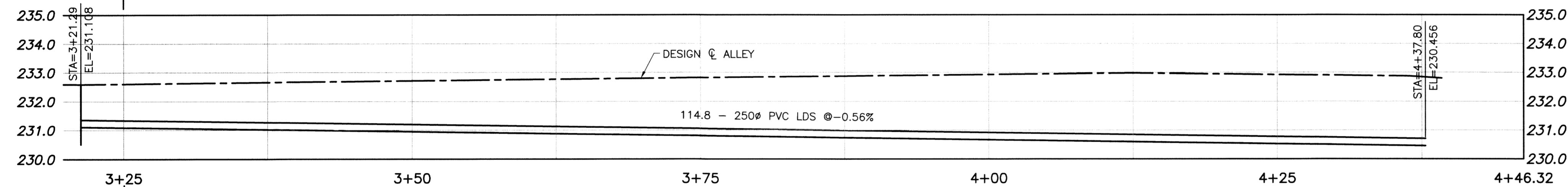


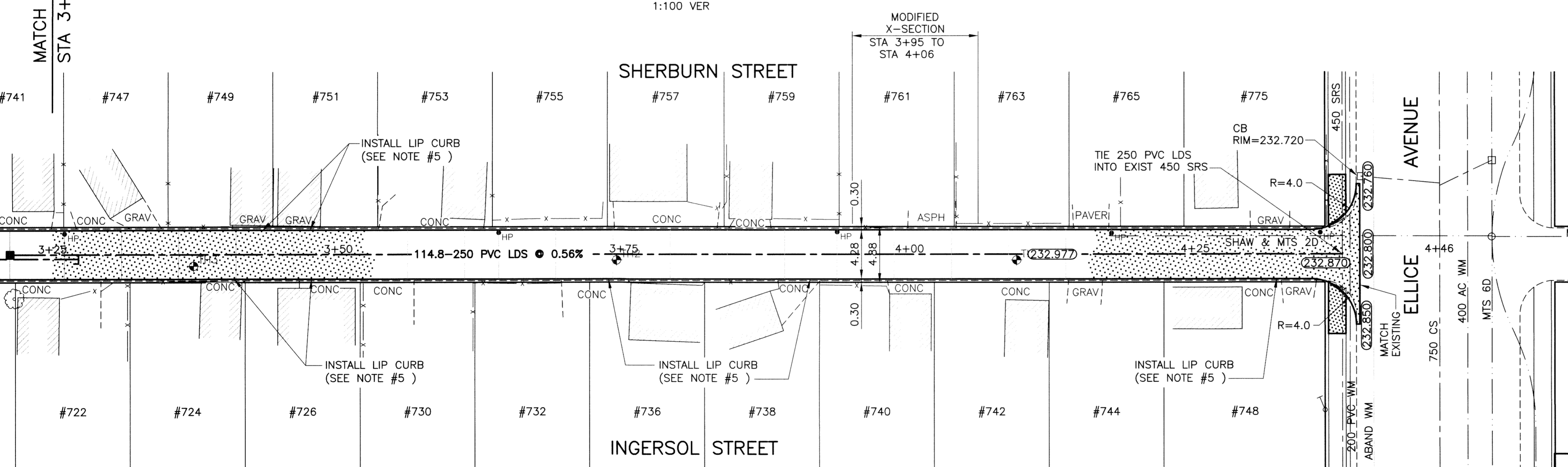
ALLEY PAVEMENT PROFILE

SCALE: 1:250 HOR
1:10 VER



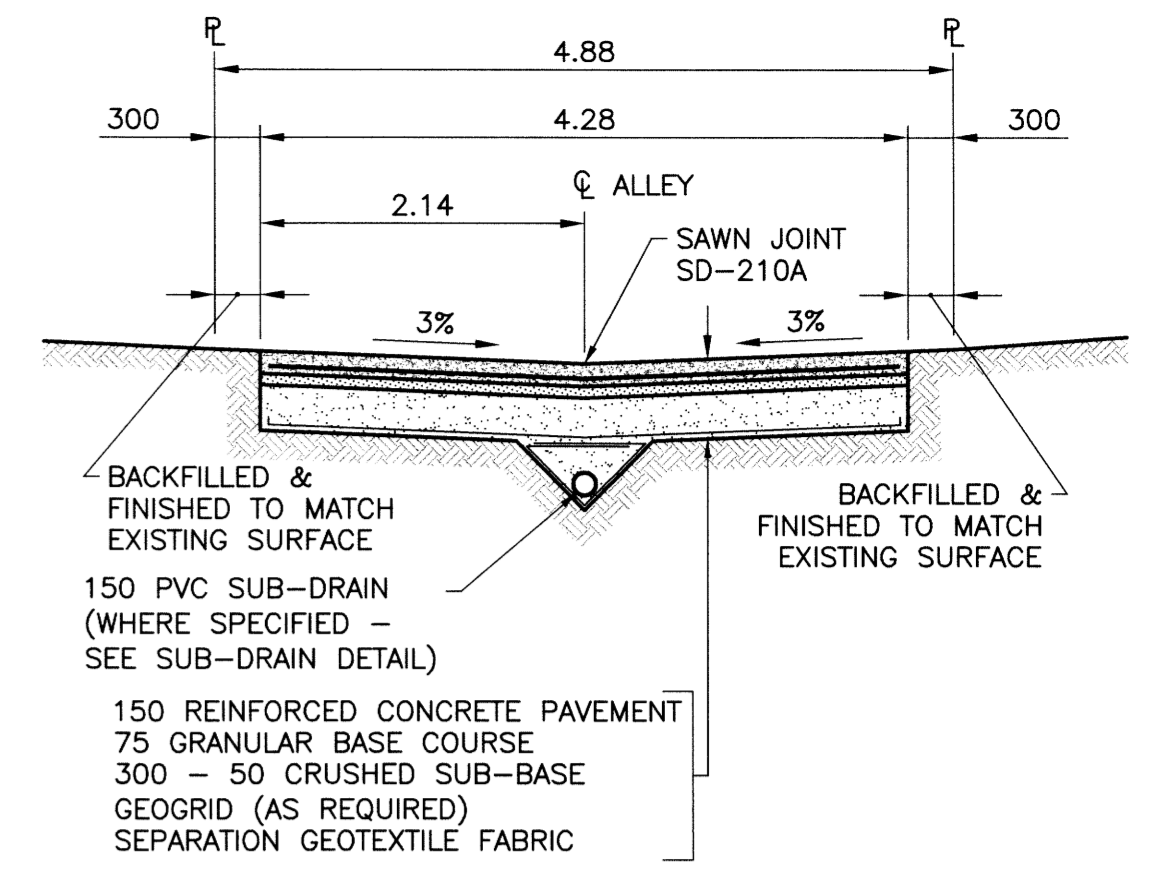
ALLEY SEWER PROFILE

SCALE: 1:250 HOR
1:100 VER



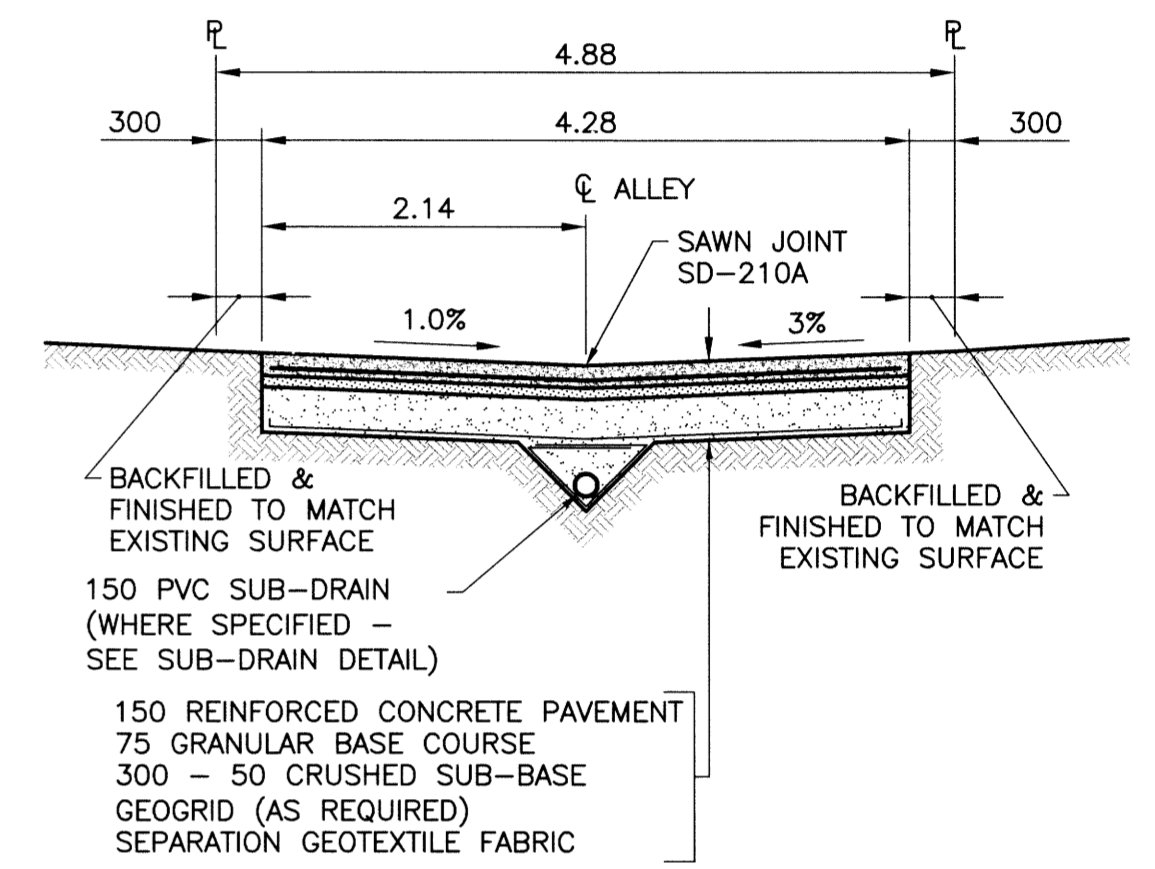
ALLEY PAVEMENT PLAN

SCALE: 1:250 HOR



TYPICAL CROSS SECTION

SCALE: 1:50

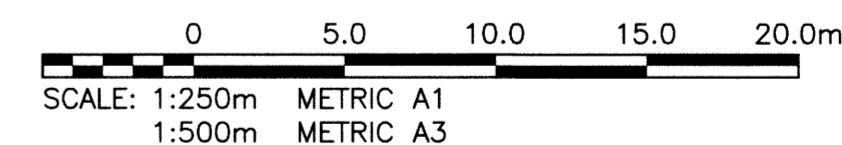


MODIFIED CROSS SECTION

SCALE: 1:50 (STA 3+95 TO STA 4+06)

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).
10. ALLEY TO BE CONSTRUCTED IN PHASES AS SHOWN.
11. ALL EXCAVATIONS WITHIN 1.0m OF ANY NATURAL GAS MAIN MUST BE COMPLETED BY HAND OR HYDRO EXCAVATION.



METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

PROPERTY LIMITS DELINEATION

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.

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.

U:\ENR\14-0107-031\14-0107-031_Contract 1.dwg - Tab: 110 Plotted By: glawen 02/23/2015 [Mon 9:36am] PLOT: 1:1 A-1

300 LDS	LAND DRAINAGE SEWER	300 LDS					
250 WWS	WASTE WATER SEWER	250 WWS					
	GAS						
	HYDRO						
	M.T.S.						
150 WM	WATERMAIN	150 WM					
	HYDRANT						
	VALVE						
	MANHOLE						
	CATCH BASIN						
	CURB INLET						
	POLES - MTS						
	POLES - HYDRO						
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#33 ELEV. 233.716	N.W. Cor. St. Matthews Ave. & Dominion St., Tbt in S. tyndal stone foundation of Minto Armoury, 0.7m
DESIGNED BY	AKW
DRAWN BY	DMW
CHECKED BY	RBO
APPROVED BY	
HOR. SCALE:	1:250
VERTICAL:	1:50
ISSUED FOR TENDER	15/02/23
NO. REVISIONS	DATE BY

KGS GROUP
CONSULTING ENGINEERS

DESIGNED BY: AKW
DRAWN BY: DMW
CHECKED BY: RBO
APPROVED BY: [Signature]

HOR. SCALE: 1:250
VERTICAL: 1:50

ISSUED FOR TENDER: 15/02/23

APEGM
Certificate of Authorization
KGS Group
No. 245

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION ENGINEERING DIVISION

PROJECT TITLE: 2015 ALLEY RENEWAL PROGRAM
CONTRACT 1
SHERBURN ST/INGERSOL ST
ST MATTHEWS AVE TO ELLICE AVE
STA 3+25 TO ELLICE AVE

ENGINEER'S SEAL: R.B. OFFMAN, Member 2470

SHEET 10 OF 15
COMPUTER FILE NAME: 14-0107-031_Contract 1
CITY DRAWING NUMBER: C110

CONSULTANT DRAWING NO.: 14-0107-031_110