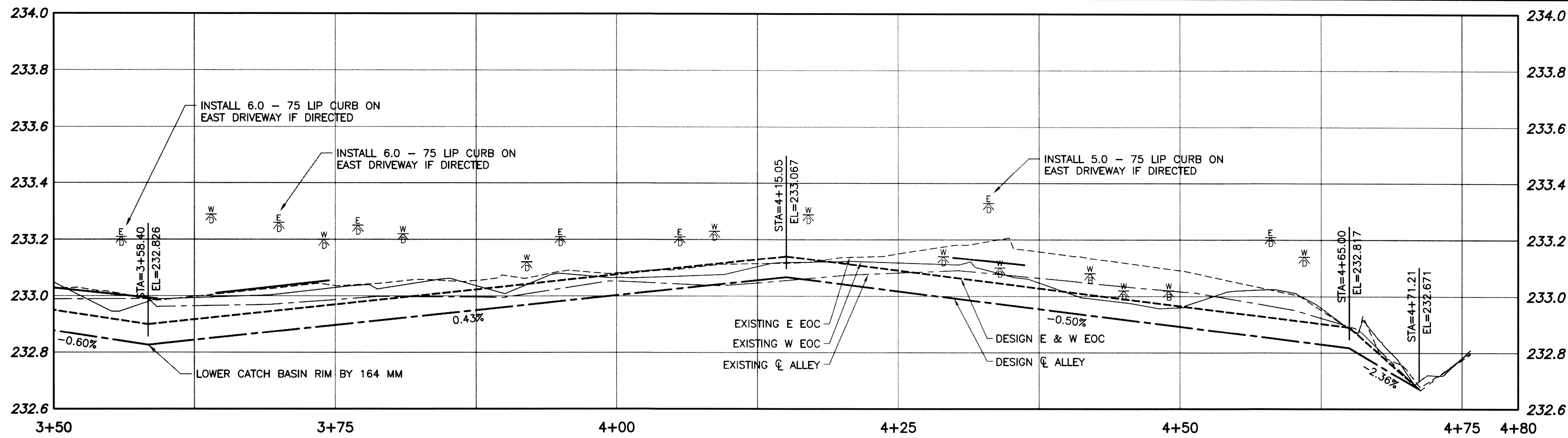
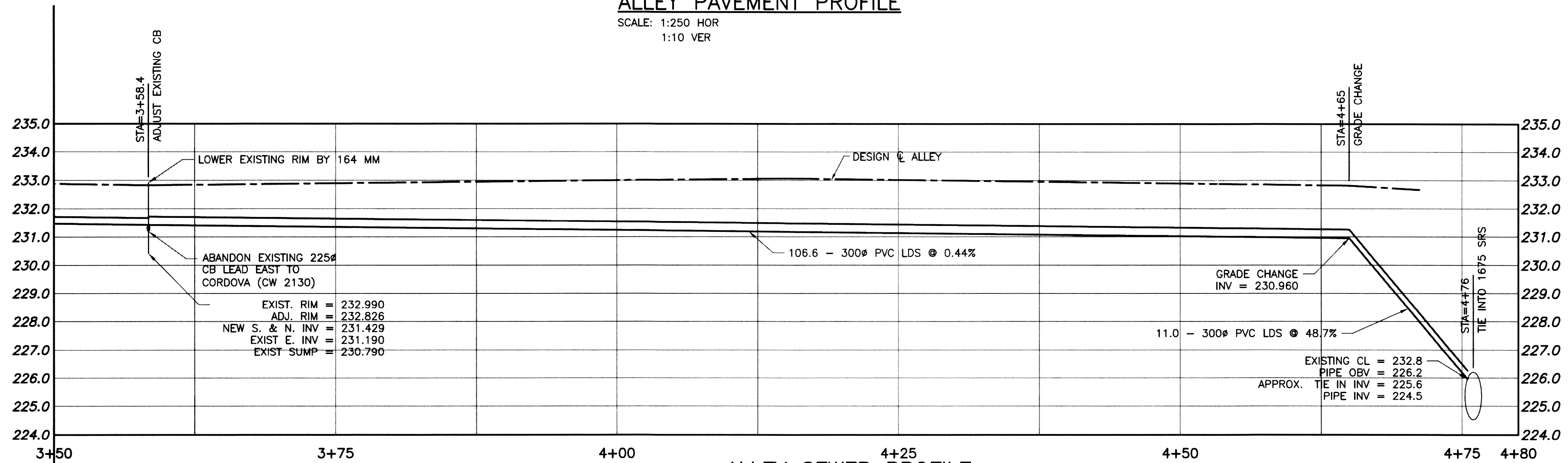


P:\Projects\2014\14-0107-031_Dwg\14-0107-031_Contract 2.dwg - Tab: C209 Plotted By: glawen 03/09/2015 [Mon 9:26am]
PLOT 1:1 A-1



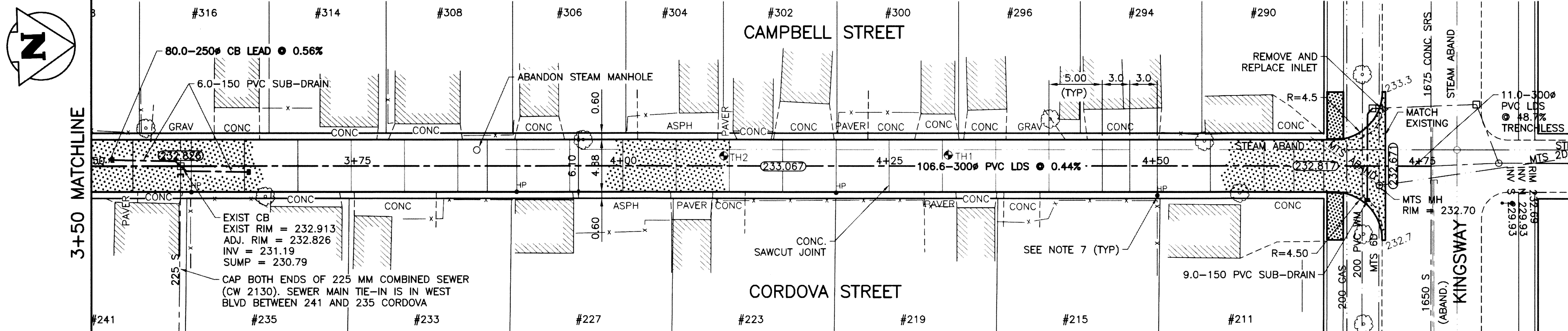
ALLEY PAVEMENT PROFILE

SCALE: 1:250 HOR
1:10 VER



ALLEY SEWER PROFILE

SCALE: 1:250 HOR
1:100 VER



ALLEY PAVEMENT PLAN

SCALE: 1:250 HOR

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

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES
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 EXISTENCE AND EXACT
LOCATION OF ALL SERVICES MUST BE
OBTAINED FROM THE INDIVIDUAL UTILITIES
BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. 51-036
ELEV. 233.341

S.W. Cor. Kingsway & Borebank St., Tbt. in 4.6 m
Conc. pile, 2.5 m E. of W.L. Borebank St. & 0.6 m
S. of S.L. Kingsway.

KGS
GROUP
CONSULTING
ENGINEERS

DESIGNED BY GES

CHECKED BY RBO

DRAWN BY GES

APPROVED BY CL

HOR. SCALE: 1:250

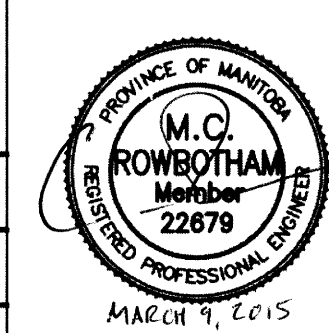
VERTICAL: 1:50

RELEASED FOR CONSTRUCTION:

DATE 2015/02/05

DATE

ENGINEER'S SEAL



CONSULTANT DRAWING NO.

14-0107-031_C209

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION ENGINEERING DIVISION

PROJECT TITLE

2015 ALLEY RENEWAL PROGRAM

CONTRACT 2

CAMPBELL ST/CORDOVA ST

GROSVENOR AVE TO KINGSWAY

STA 3+50 TO KINGSWAY

SHEET OF

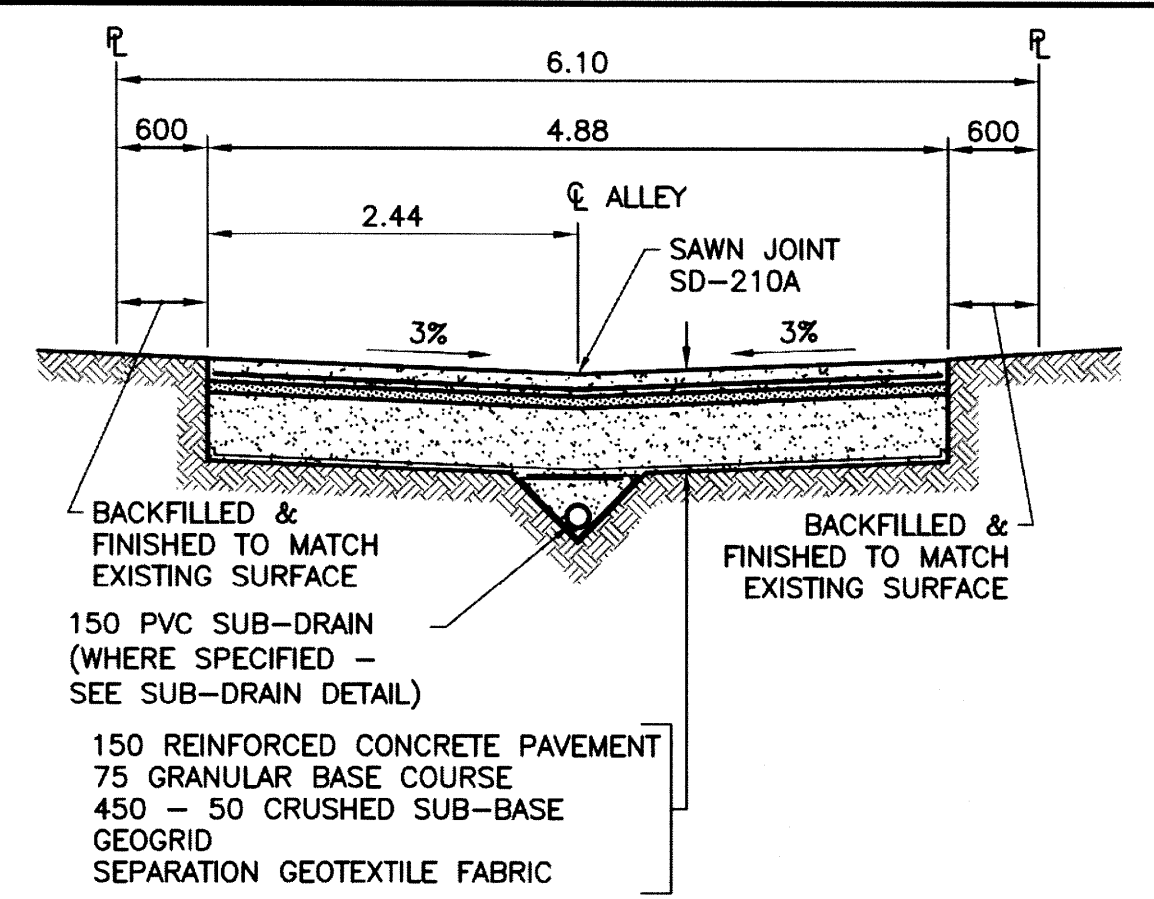
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COMPUTER FILE NAME

14-0107-031_Contract 2

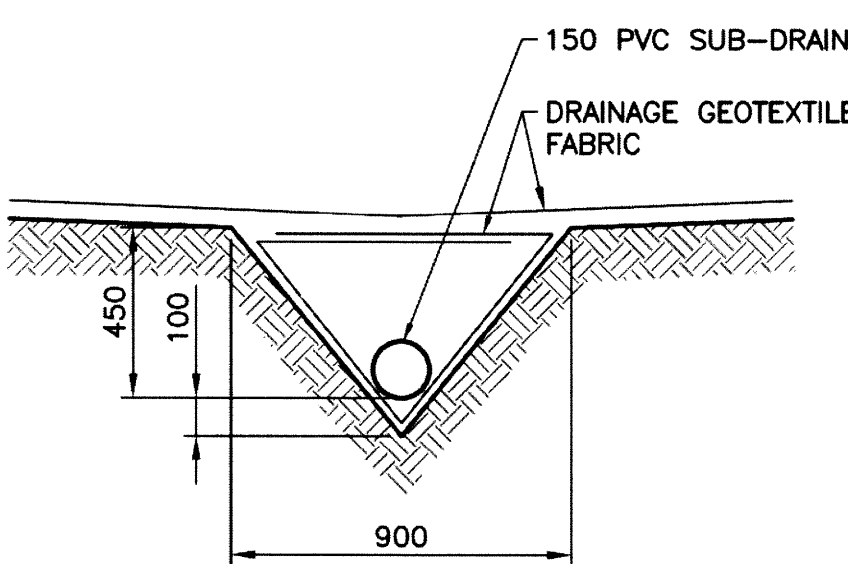
CITY DRAWING NUMBER

C209



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).
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.

0 2.0 4.0 6.0 8.0m

SCALE: 1:100m METRIC A1

1:200m METRIC A3

0 200 400 600 800mm

SCALE: 1:10m METRIC A1

1:20m METRIC A3

0 1.0 2.0 3.0 4.0m

SCALE: 1:50m METRIC A1

1:100m METRIC A3

0 5.0 10.0 15.0 20.0m

SCALE: 1:250m METRIC A1

1:500m METRIC A3

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.

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.



Certificate of Authorization

KGS Group

No. 245