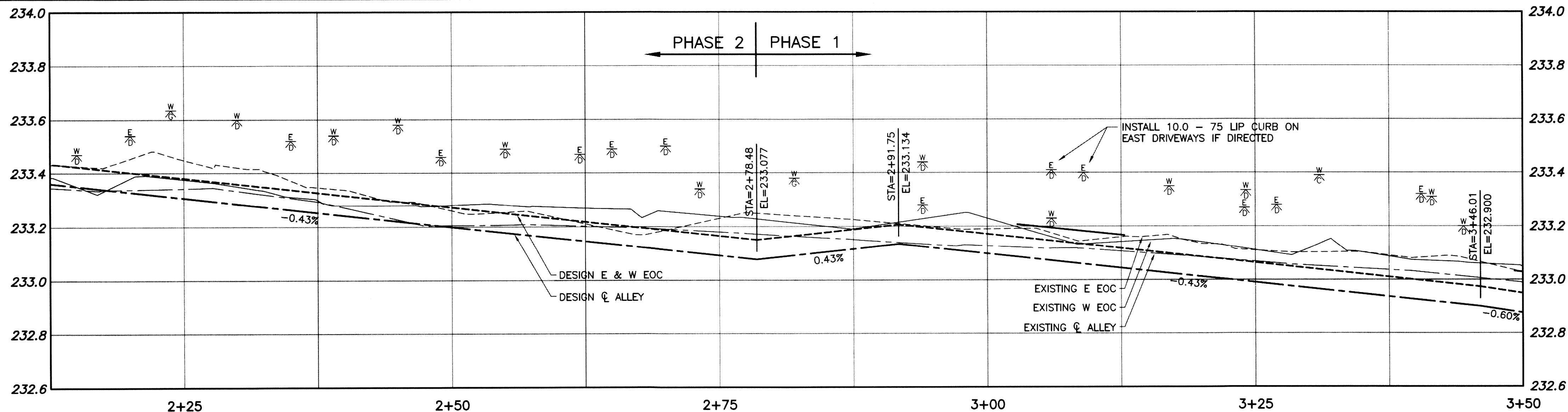
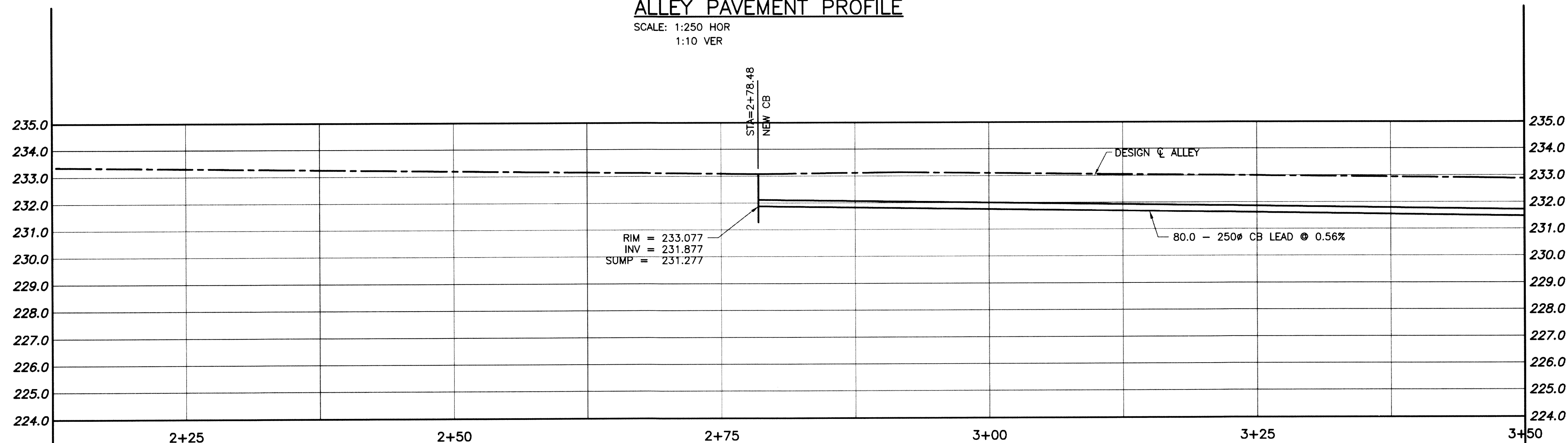


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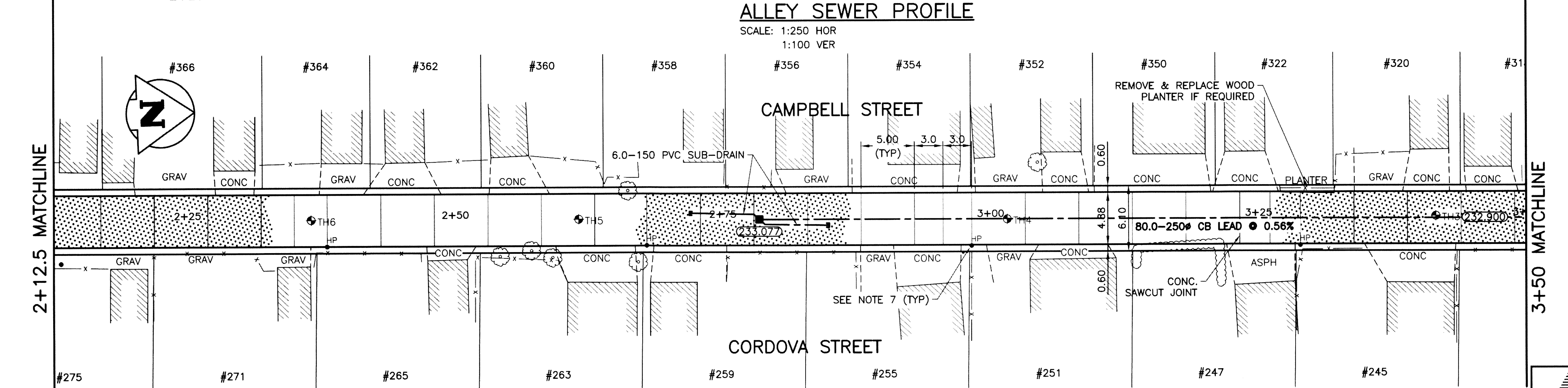
ALLEY PAVEMENT PROFILE

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	---x---x---	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			
o	MANHOLE	o	---	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 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, 2.3 m E. of W.L. Borebank St. & 0.6 m S. of S.L. Kingsway.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	15/03/09	CR

KGS GROUP
CONSULTING ENGINEERS

DESIGNED BY	GES	CHECKED BY	RBO
DRAWN BY	GES	APPROVED BY	CR
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:	1:50	DATE	2015/02/05

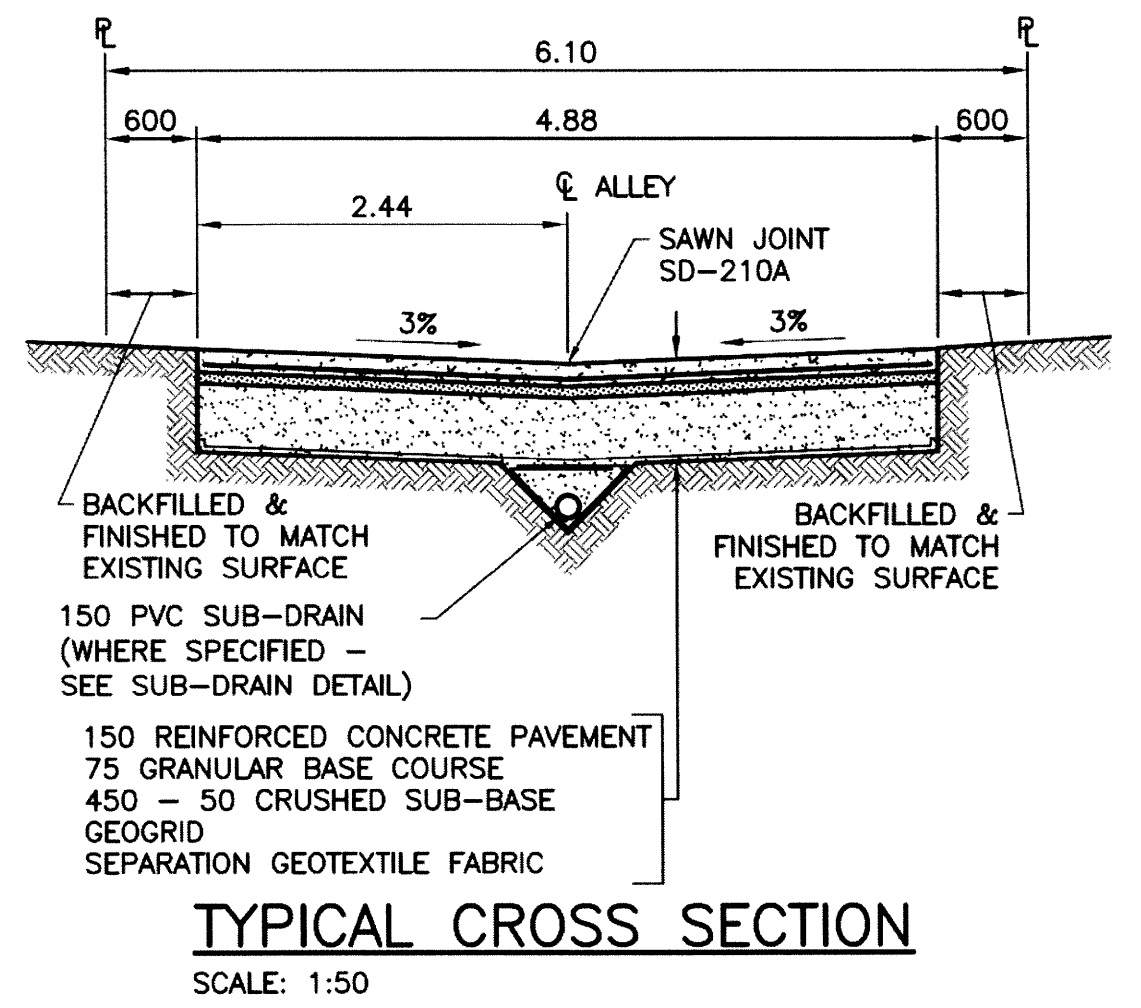
APECM
Certificate of Authorization
KGS Group
No. 245

ENGINEER'S SEAL
M.C. ROWBOTHAM
Member
22679
MAFCH 9, 2015
CONSULTANT DRAWING NO.
14-0107-031_C208

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION ENGINEERING DIVISION

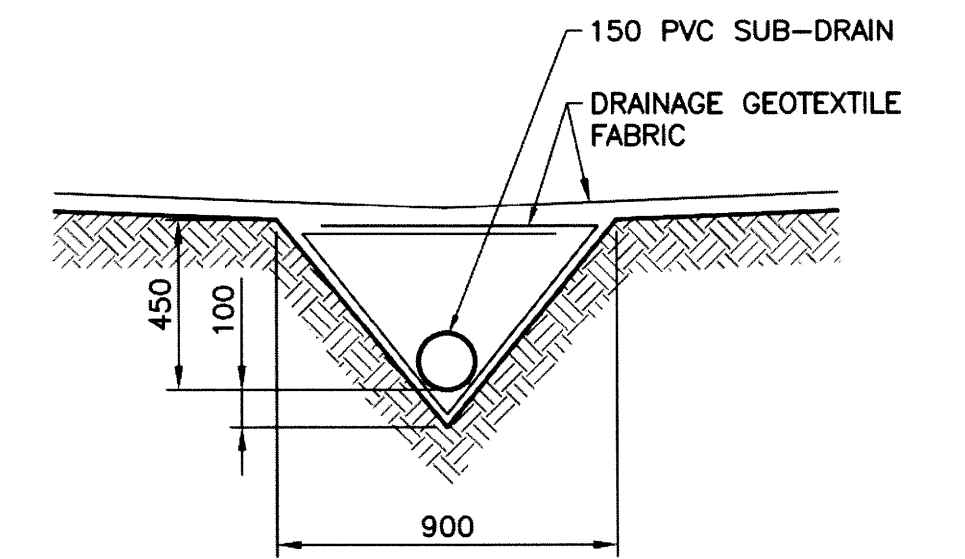
PROJECT TITLE
2015 ALLEY RENEWAL PROGRAM
CONTRACT 2
CAMPBELL ST/CORDOVA ST
GROSVENOR AVE TO KINGSWAY
STA 2+12.5 TO 3+50

SHEET OF
08 15
COMPUTER FILE NAME
14-0107-031_Contract 2
CITY DRAWING NUMBER
C208



TYPICAL CROSS SECTION

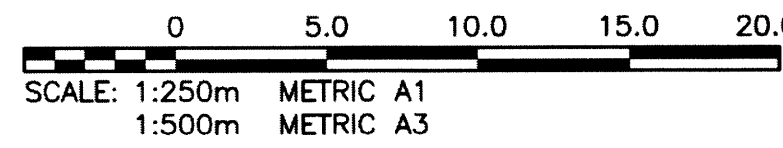
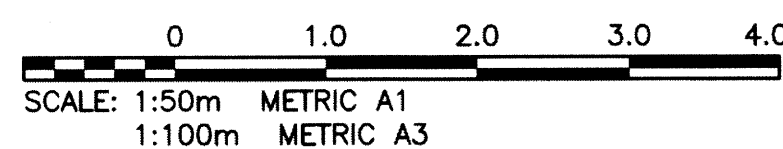
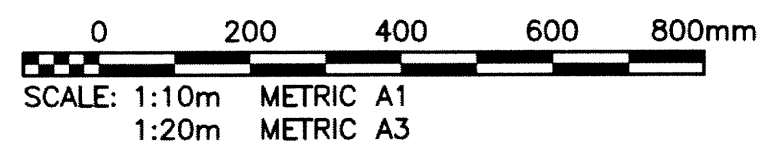
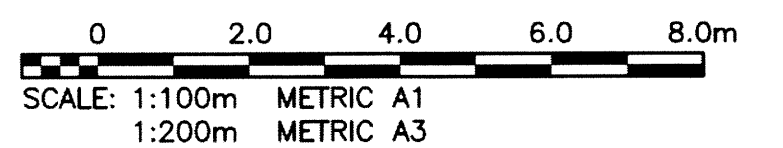
SCALE: 1:50



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.



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.