

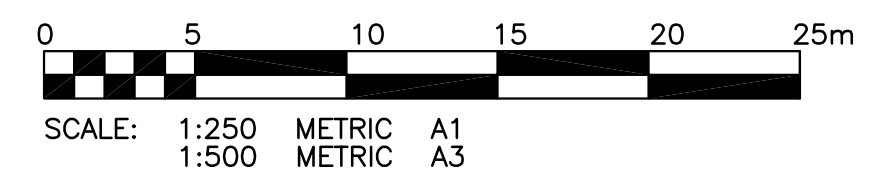
- NOTES:
1. ADJUST MH AND CB RIMS TO NEW GRADES.
  2. AVOID DAMAGE TO EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION.
  3. REGRADE EXISTING PRIVATE SIDEWALKS AS REQUIRED.
  4. LIGHT STANDARDS, HYDRO POLES AND ANCHORS MAY REQUIRE TEMPORARY SUPPORT/ REMOVAL OR REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
  5. PLUG SUBDRAINS AT TERMINAL ENDS.
  6. MAINTAIN ACCESS TO #326 QUEENSTON AND #355 NIAGARA DURING PHASE 1.
  7. MAINTAIN ACCESS TO #330 QUEENSTON AND #359 NIAGARA DURING PHASE 2.
  8. CHAINAGE ALONG ALLEY CENTERLINE.
  9. ISOLATE ALL POLES, BASES AND PILES WITHIN ALLEY RIGHT-OF-WAY (SD-228C)

**WARNING**

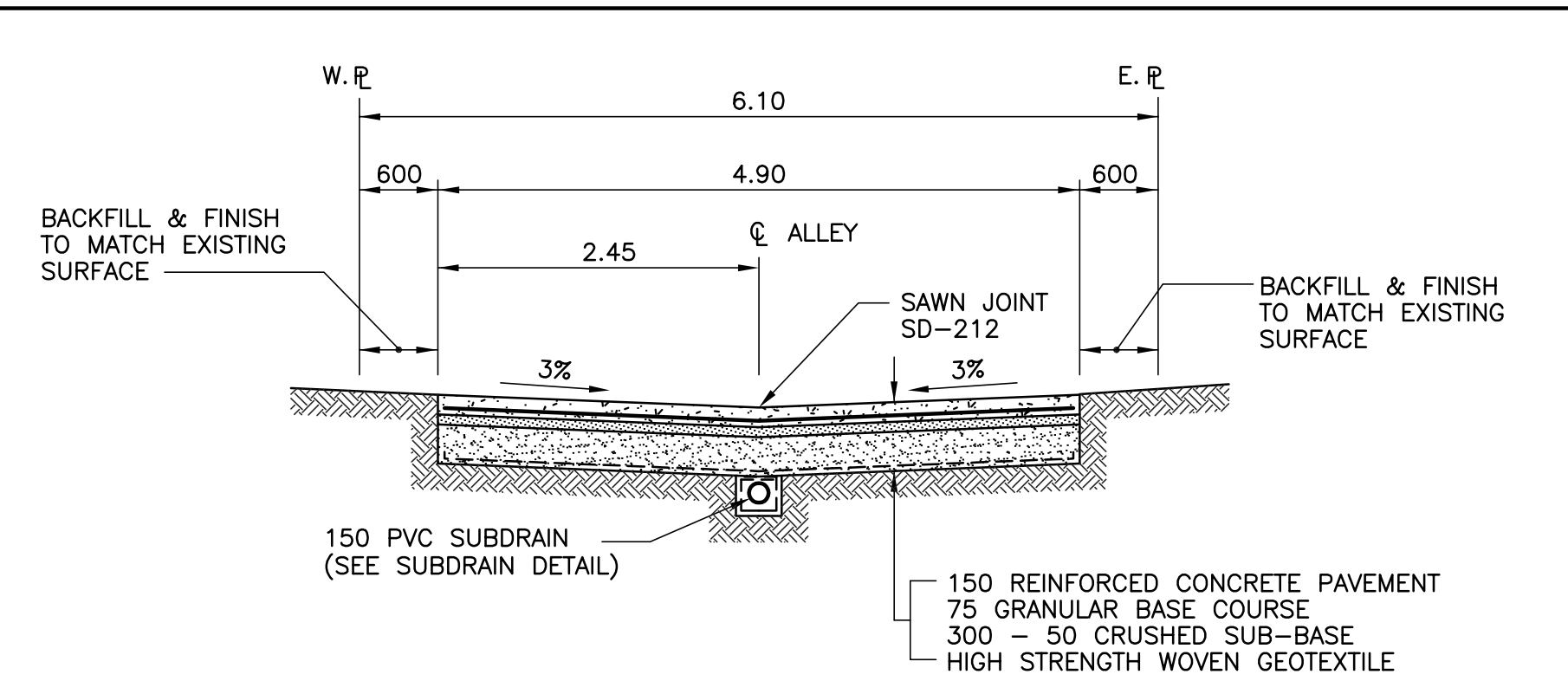
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:  
 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.  
 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.  
 SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

**METRIC**

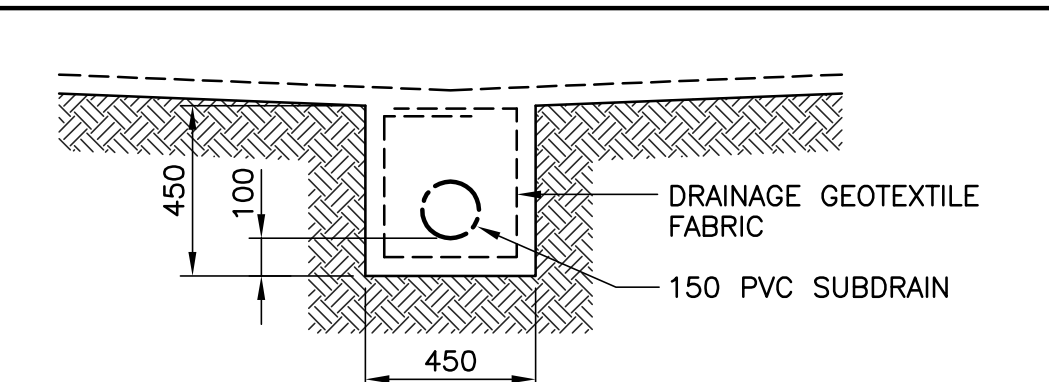
WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES



BID OPPORTUNITY NO. 200-2005



**TYPICAL ALLEY CROSS SECTION**  
 SCALE: 1:50



**SUBDRAIN DETAIL**  
 SCALE: 1:20

SUB-DRAIN	SUB-DRAIN	SUB-DRAIN	POLES	T-MIS			
300 LBS	LAND DRAINAGE SEWER	300 LBS	•	H-HYDRO	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	▽	231.334		ELEVATION		
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE
					PROPOSED		

**LOCATION APPROVED UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES DATE 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. 51-037 ELEV. 232.446m	N.W. CORNER KINGSWAY AND QUEENSTON ST., BRASS PLUG IN 12.8m CONC. PILE, 2.5m S. OF N.L. KINGSWAY AND 2.5m E. OF W.L. QUEENSTON ST.
DESIGNED BY C.R.	CHECKED BY
DRAWN BY A.M.	APPROVED BY
HOR. SCALE: 1:250	RELEASED FOR CONSTRUCTION:
VERTICAL: 1:10	DATE
0 ISSUED FOR TENDER	05/04/04 CR
NO. REVISIONS	DATE BY

**KGS GROUP**  
 CONSULTING ENGINEERS & PROJECT MANAGERS  
 WINNIPEG (204) 896-1209  
 THUNDER BAY (807) 345-2233

ENGINEER'S SEAL  
 M.C. ROWBOTHAM  
 Member 22679  
 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 04-0107-18

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

PROJECT TITLE  
 2005 ALLEY RENEWAL PROGRAM  
 QUEENSTON / NIAGARA ALLEY  
 PAVEMENT RECONSTRUCTION

SHEET 04 OF 08  
 COMPUTER FILE NAME: QUEENSTON-PLOT-REVO.DWG  
 CITY DRAWING NUMBER: 0004

SURFACE PLAN AND PROFILE  
 STA. 2+48 TO STA. 4+20

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