



NOTE:  
USE PREFORMED BITUMINOUS GASKET BETWEEN REDUCER & BARREL SECTION

**CATCH PIT DETAIL**  
SCALE: 1:20

**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



Certificate of Authorization  
KGS Group

No. 245 Expiry: April 30, 2007

<b>LOCATION APPROVED UNDERGROUND STRUCTURES</b> 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>B.M. ELEV.</b> <table border="1"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>																																								<b>KGS GROUP</b> CONSULTING ENGINEERS & PROJECT MANAGERS WINNIPEG (204) 896-1209 THUNDER BAY (807) 345-2233				ENGINEER'S SEAL 				<b>THE CITY OF WINNIPEG</b> PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES DIVISION PROJECT TITLE <b>2006 ALLEY RENEWAL PROGRAM</b>				SHEET OF <b>14</b> OF <b>14</b> COMPUTER FILE NAME <b>06-0107-05</b> CITY DRAWING NUMBER <b>0014</b>			
DESIGNED BY RO DRAWN BY DW HOR. SCALE: AS NOTED VERTICAL:				CHECKED BY CR APPROVED BY RELEASED FOR CONSTRUCTION:				CONSULTANT DRAWING NO. <b>06-0107-05</b>				MISCELLANEOUS DETAILS																																															
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