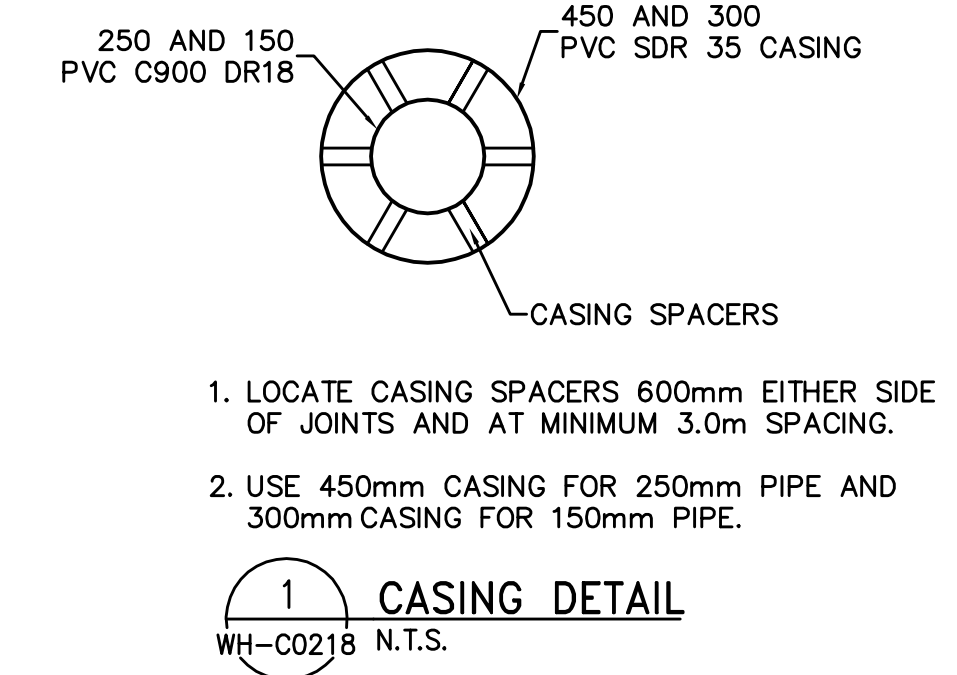
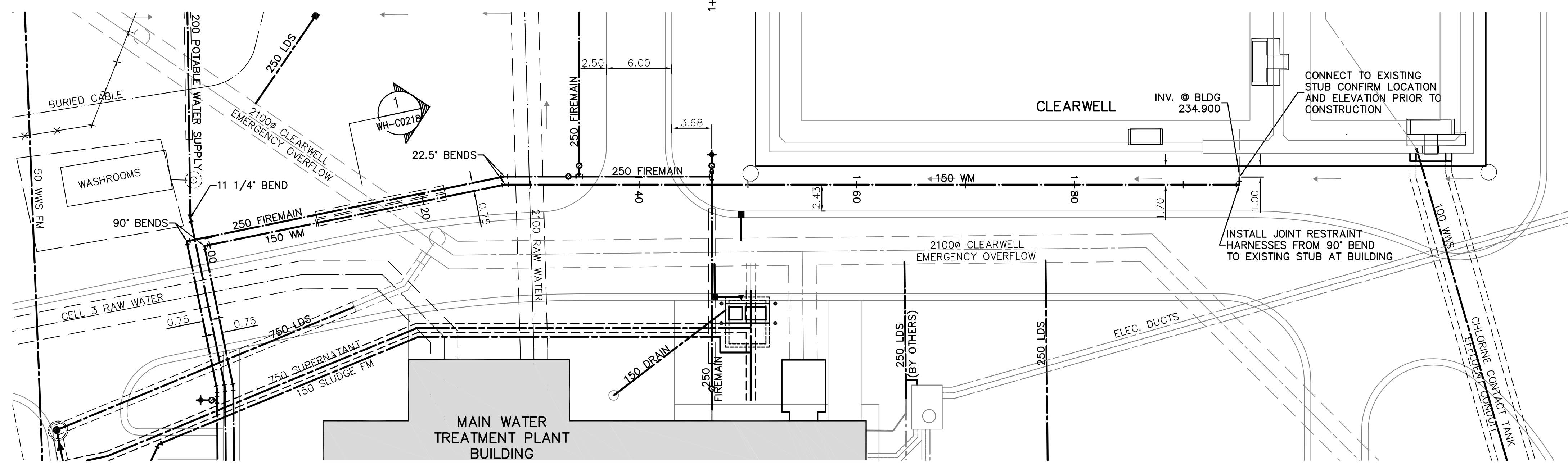
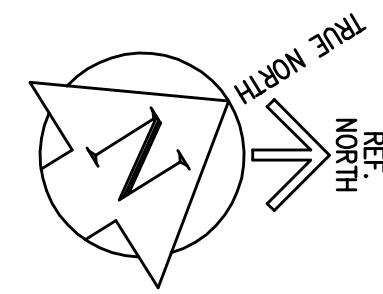


150 WATERMAIN COORDINATE TABLE		
DESCRIPTION	NORTHING	EASTING
90° BEND STA. 1+00	5524018.881	647806.168
S. CASING END STA. 1+10	5524028.848	647809.875
N. CASING END STA. 1+22	5524040.096	647814.058
22.5° BEND STA. 1+28	5524045.315	647816.000
90° BEND STA. 1+95	5524102.559	647851.685
CONNECTION TO CLEARWELL STA. 1+95	5524102.929	647851.091

250 FIREMAIN COORDINATE TABLE		
DESCRIPTION	NORTHING	EASTING
250-90° BEND STA. 0+98	5524017.737	647804.942
S. CASING END STA. 1+10	5524029.110	647809.172
N. CASING END STA. 1+22	5524040.357	647813.355
250-22.5° BENDS STA. 1+28	5524045.648	647815.323
250x250x250 TEE STA. 1+35	5524051.483	647818.961
HYDRANT STA. 1+47	5524062.877	647823.707
250x250x250 TEE STA. 1+47	5524061.819	647825.404

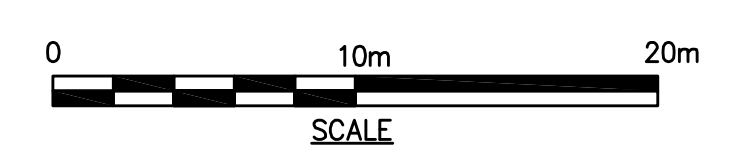


- CONSTRUCTION NOTES:**
1. LOCATE CASING SPACERS 600mm EITHER SIDE OF JOINTS AND AT MINIMUM 3.0m SPACING.
 2. USE 450mm CASING FOR 250mm PIPE AND 300mm CASING FOR 150mm PIPE.
- GENERAL NOTES:**
- A. LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE 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.

BENCHMARK NOTES:

DRAWING COORDINATES ARE UTM NAD83 - SCALE FACTOR 0.99983

B.M. No.	NORTHING	EASTING	ELEVATION
PILE 136	5523873.734	647764.406	236.242
PILE 133	5523256.606	647782.387	236.056



<p>Certificate of Authorization Earth Tech Canada Inc. No. 730 Expiry: April 30, 2007</p>	B.M. ELEV.	<p>Frederickson Cooper ARCHITECTS</p>	<p>A Tyco International Ltd. Company</p>	ENGINEER'S SEAL	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p>
	DESIGNED BY: GSK			CHECKED BY: KF	
01 REVISED CONTRACT LIMITS 07/04/05 GSK	07/04/05	DRAWN BY: JBC	APPROVED BY: AHL	2007/02/20	<p>WATER TREATMENT PLANT SITE UTILITIES</p> <p>CITY FILE NUMBER</p>
00 ISSUED FOR TENDER (94-2007) 07/02/20 GSK	07/02/20	SCALE: 1:250 HOR 1:50 VER	RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI	CONSULTANT DRAWING NO. WH-C0218	
NO. REVISIONS	DATE	DATE	DATE	DATE	CITY DRAWING NUMBER
		2006/11/21	2007/02/20		1-060H-C-0218-01-0D
<p>CIVIL FIRE PROTECTION AND POTABLE WATER EAST CLEARWELL LEG</p>					