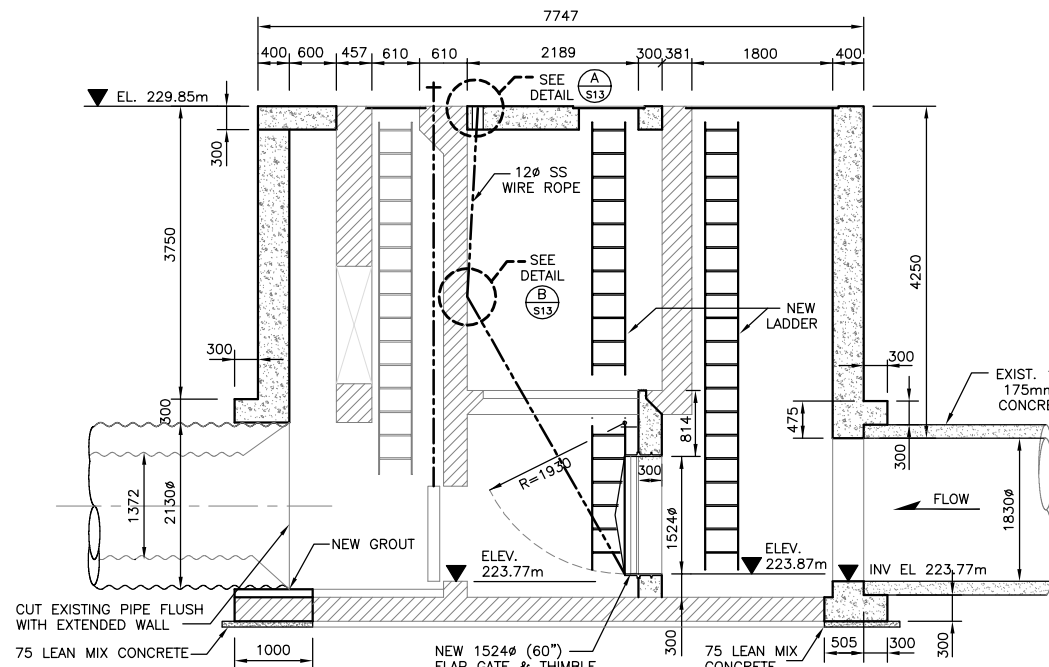
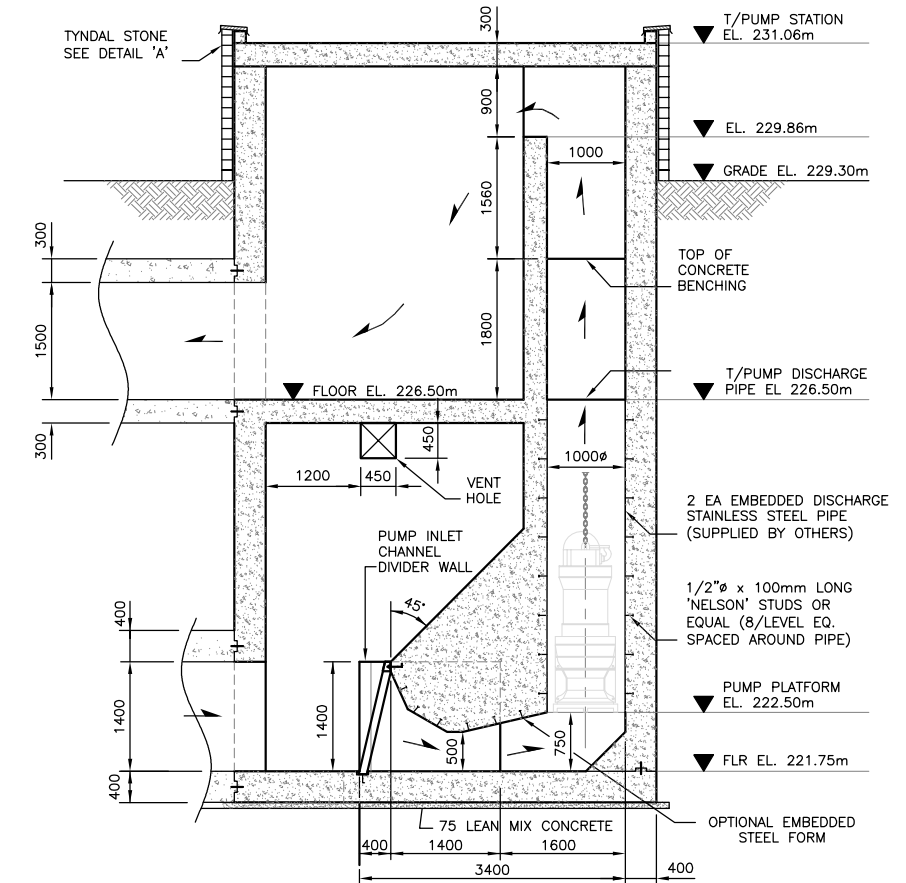


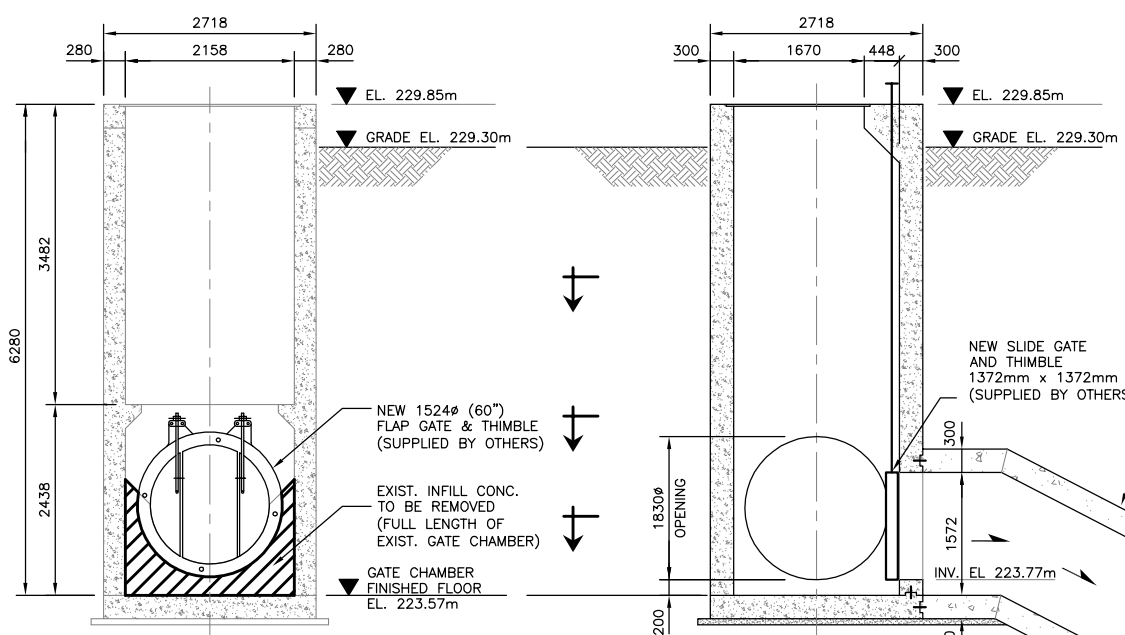
**A** ELEVATION - EXISTING CHAMBER  
S7 SCALE: 1:50



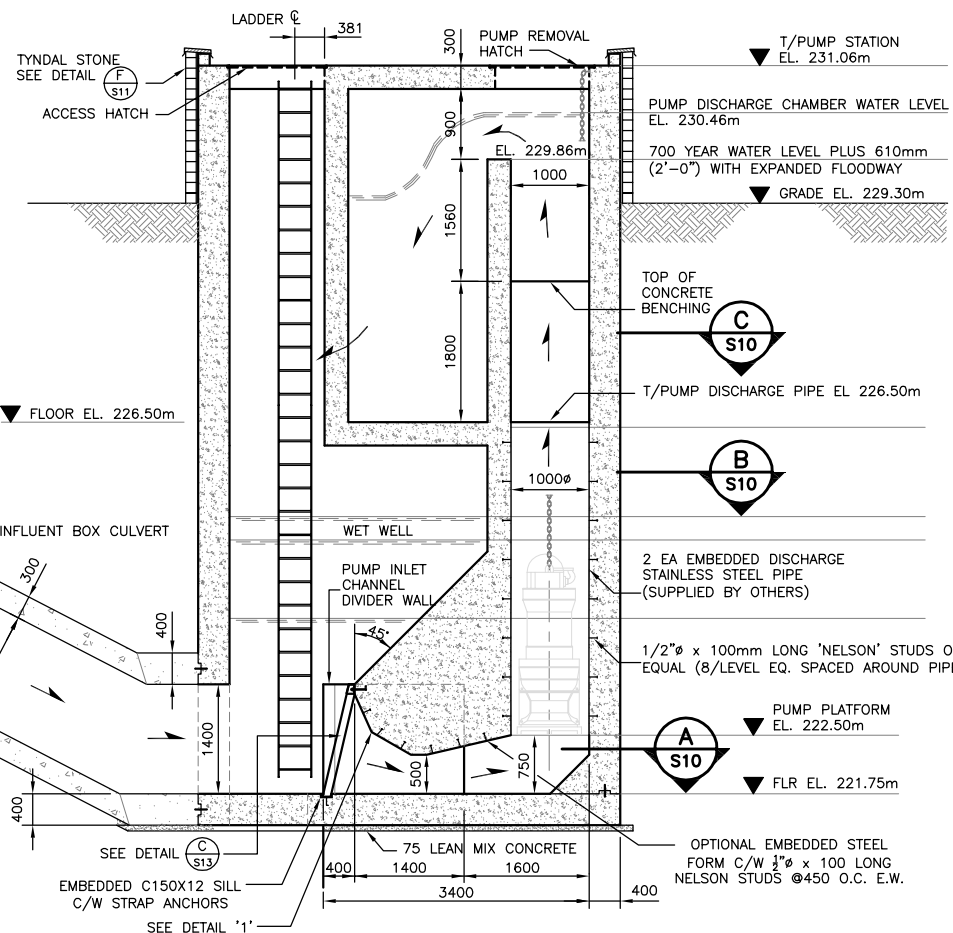
**B** ELEVATION - EXTENDED CHAMBER  
S7 SCALE: 1:50



**E** SECTION - FLOOD PUMP STATION  
S7 SCALE: 1:50



**C** SECTION - EXISTING CHAMBER  
S7 SCALE: 1:50



**D** SECTION - FLOOD PUMP STATION  
S7 SCALE: 1:50

**WARNING**

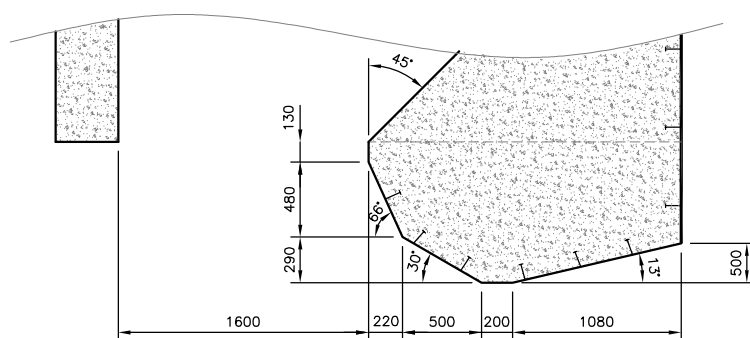
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:  
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.  
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.  
SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES



SCALE: 1:250 METRIC A1  
1:500 METRIC A3



**DETAIL '1'**  
SCALE: 1:25

B.M.	XX-XXX				
ELEV.	XXX.XXX				
NO.	REVISIONS	DATE	BY	DATE	05/11/08

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

DESIGNED BY	CMS	CHECKED BY	CMS
DRAWN BY	EDC	APPROVED BY	
SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION:	

ENGINEER'S SEAL	
ORIGINAL DRAWING SIGNED BY:	C. SIEPMAN
	05/12/07
CONSULTANT DRAWING NO.	05-0107-13-09

**THE CITY OF WINNIPEG**  
WATER & WASTE DEPARTMENT

**HAWTHORNE FLOOD PUMPING STATION UPGRADE**

**STRUCTURAL-SUBSTRUCTURE ELEVATIONS AND DETAILS**

SHEET **09** OF **24**  
CAD FILE DRAWING NUMBER **05-0107-13-09**  
CITY DRAWING NUMBER **LD-3246**

**APEGM**  
Certificate of Authorization  
KGS Group  
No. 245 Expiry: April 30, 2006