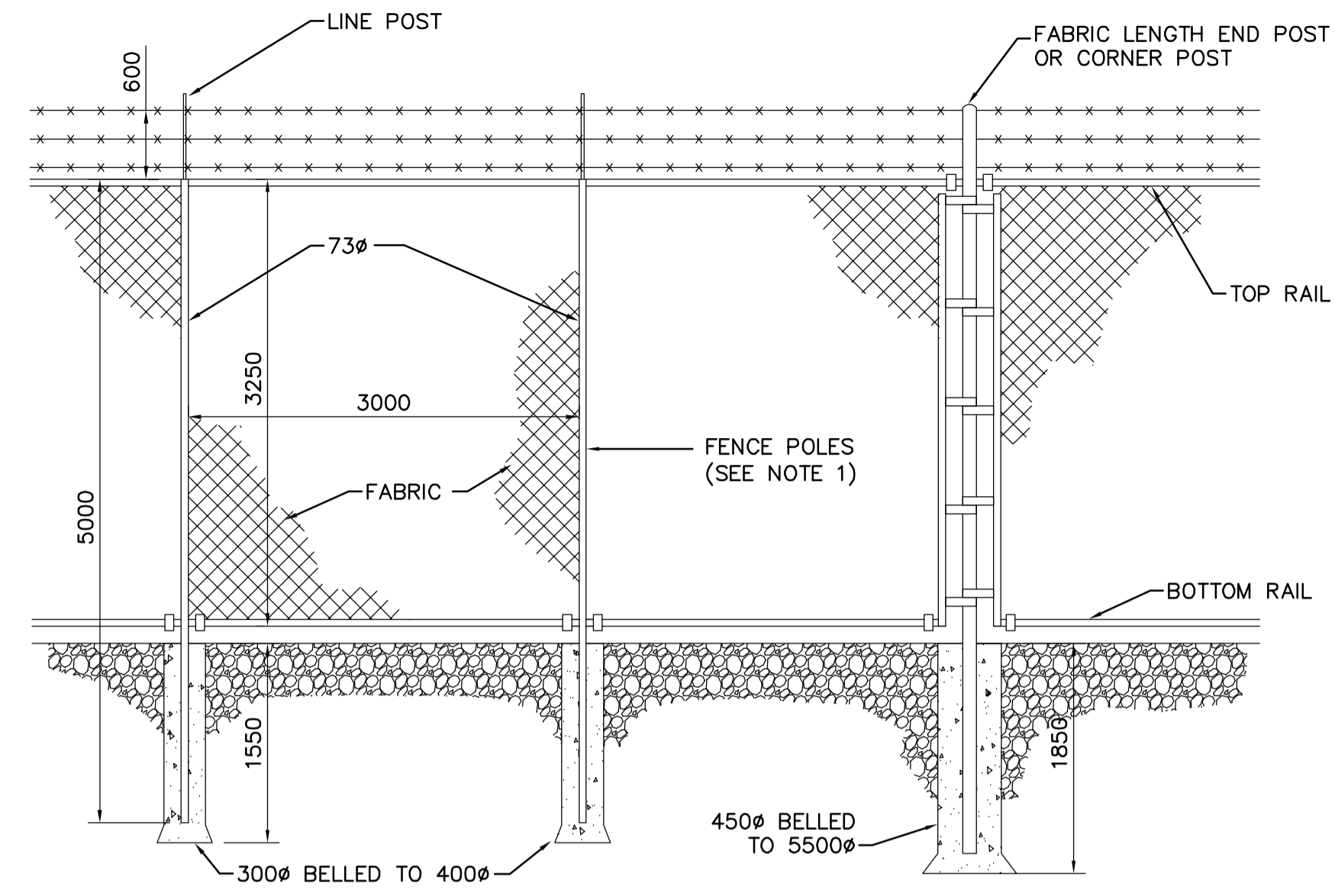
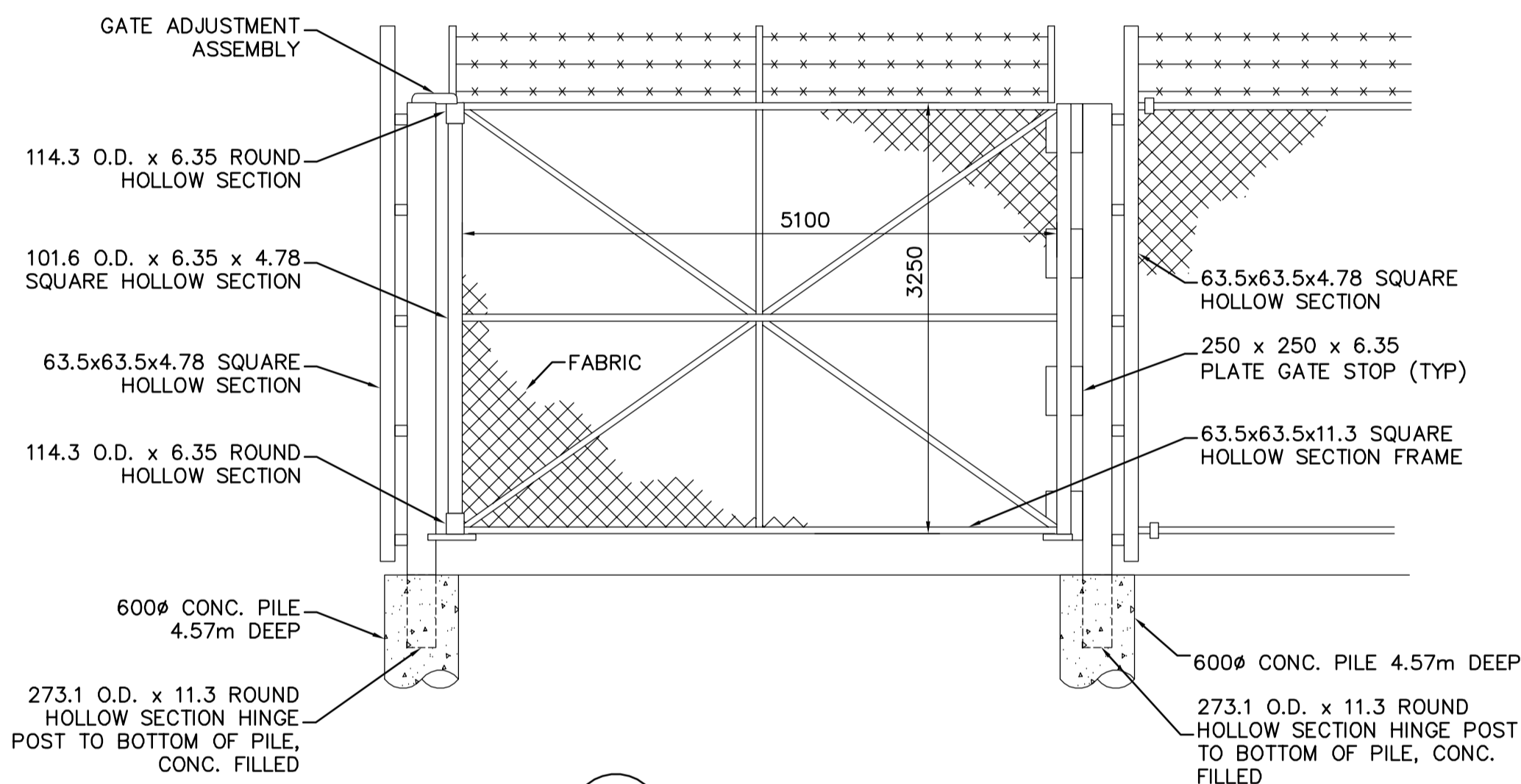


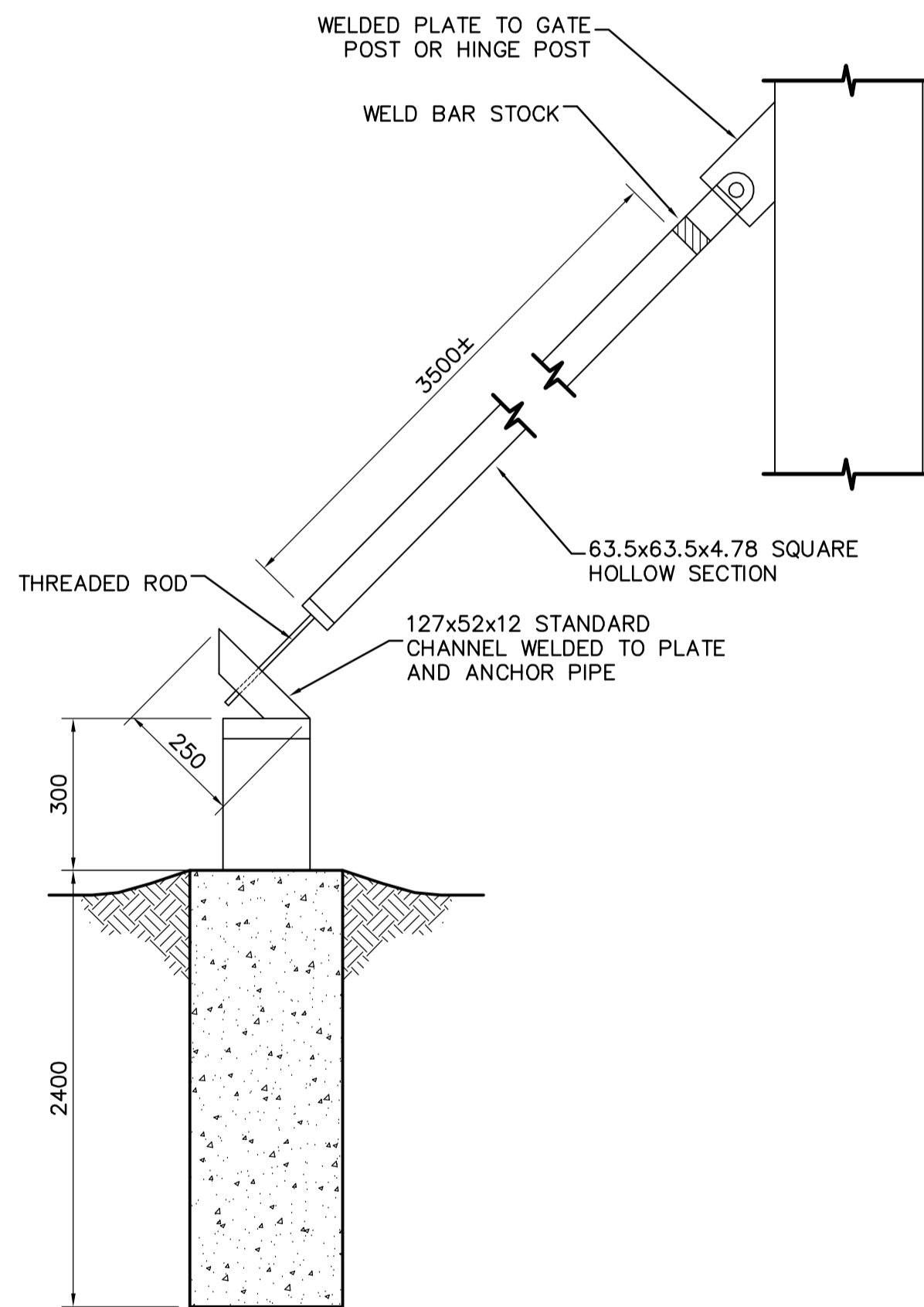
1 DOUBLE LOCKABLE GATE



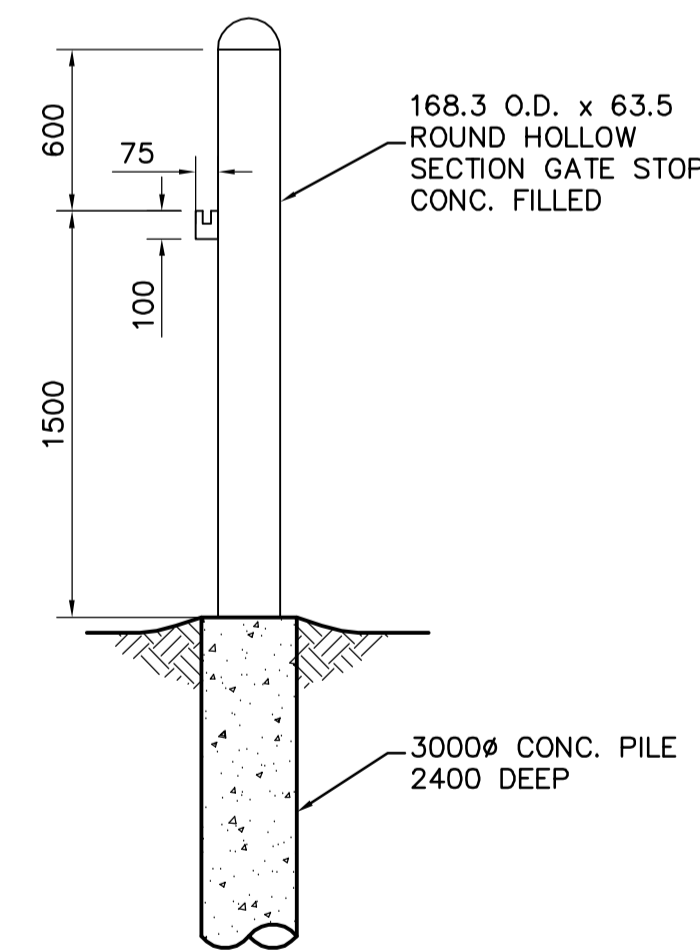
2 FENCE DETAILS



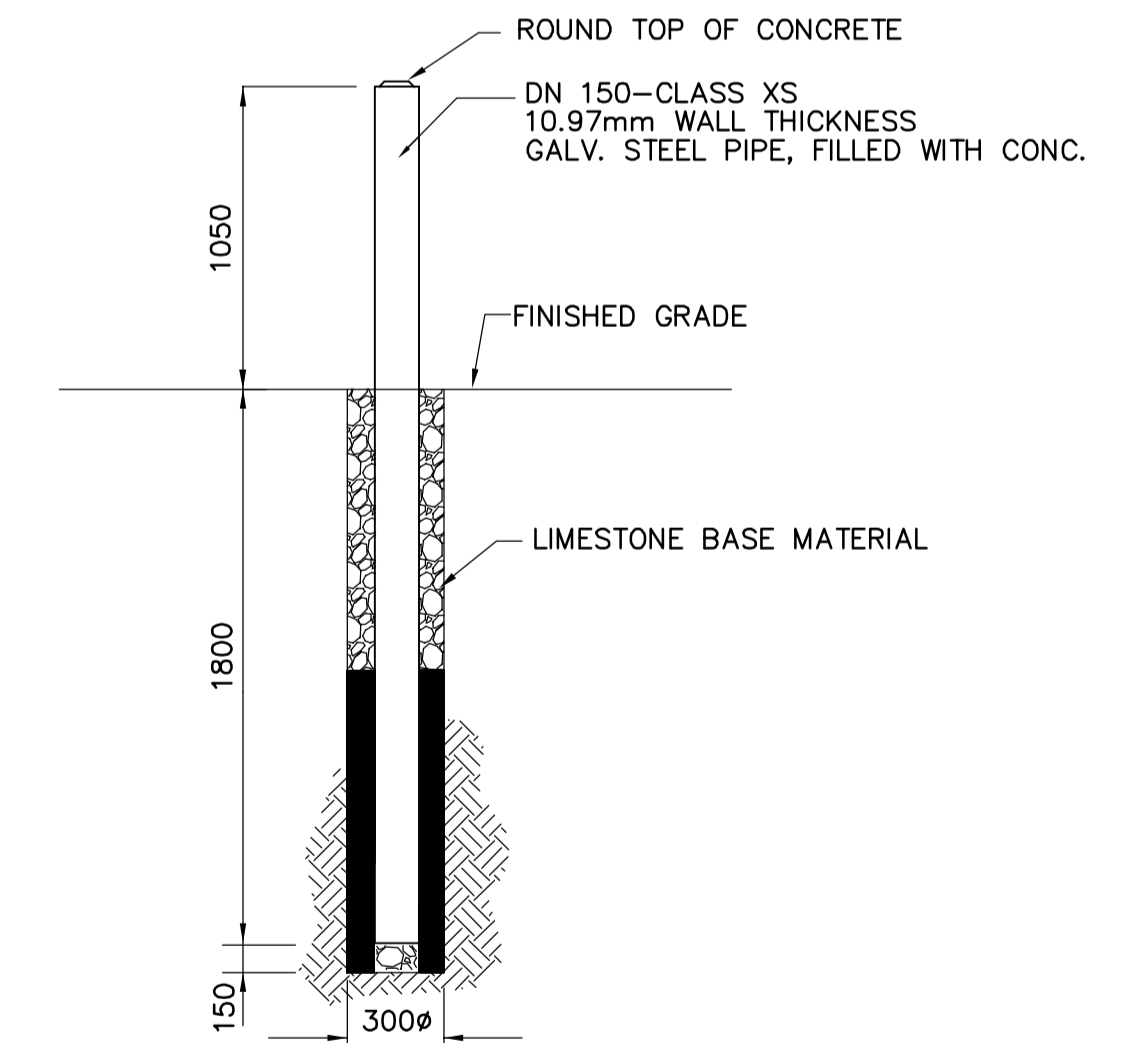
6 SINGLE LOCKABLE GATE



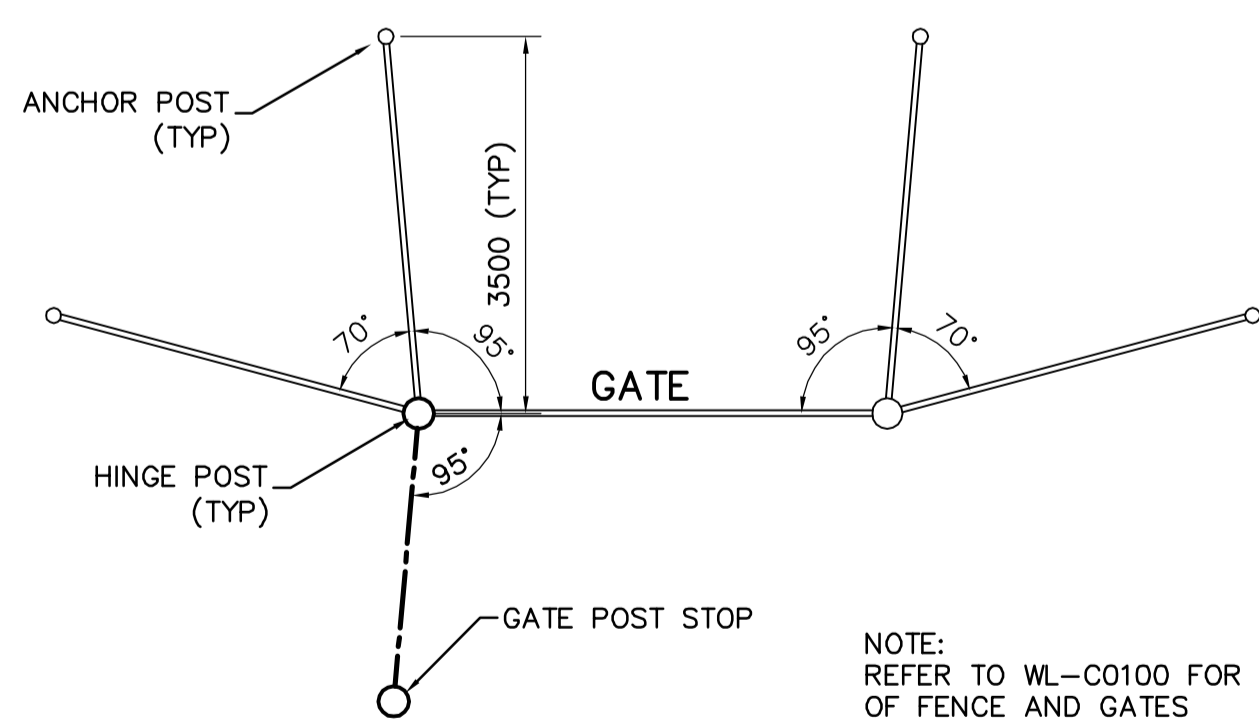
5 ANCHOR DETAILS



4 GATE STOP DETAIL



7 BOLLARD DETAIL



3 PLAN OF ANCHOR AND GATE STOP LOCATIONS

NOTE:  
REFER TO WL-C0100 FOR LOCATION  
OF FENCE AND GATES

- FENCING:**
- NEW 3660mm HIGH FENCING SHALL BE SIMILAR IN QUALITY AND APPEARANCE AS EXISTING DEACON RESERVOIR CELL 3 FENCING.
  - EXCEPT SPECIFIED OTHERWISE, FENCING SHALL BE PROVIDED IN ACCORDANCE WITH CW3550.
  - THE 3660mm HIGH FENCING SHALL BE PROVIDED WITH THE FOLLOWING SPECIFICATIONS:
    - TOP RAILS: SCHEDULE 40 HOT DIP GALVANIZED STEEL PIPE, IN 6.1m LENGTHS, NOT LESS THAN 43mm OUTSIDE DIAMETER.
    - BOTTOM RAILS: SCHEDULE 40 HOT DIP GALVANIZED STEEL PIPE, NOT LESS THAN 43mm OUTSIDE DIAMETER.
    - FABRIC SHALL BE No. 9 GAUGE STEEL WIRE WOVEN INTO A UNIFORM 50mm DIAMOND PATTERN MESH AS SPECIFIED IN CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS CW 3550-R2
    - FABRIC SHALL BE ZINC COATED BEFORE WEAVING BY THE HOT DIP PROCESS TO AN AVERAGE MASS PER UNIT AREA OF NOT LESS THAN 490g/m<sup>2</sup>.
    - FABRIC SHALL BE FREE OF EXCESSIVE ROUGHNESS, BLISTERS, SAL AMMONIAC SPOTS, BRUISES, OR FLAKING.
    - TENSION BANDS SHALL BE AS SPECIFIED IN CW3550-R2 AND WITH A MAXIMUM SPACING OF 380mm ON TERMINAL POSTS.
  - PROVIDE BARBED WIRE TO THE TOP OF ALL 3660mm HIGH FENCING TO MATCH EXISTING BARBED WIRE FENCING.
  - FENCING SHALL BE STEPPED IF NECESSARY TO ACCOMMODATE UNEVEN GROUND.
  - FENCE POLE LENGTHS TO BE EXTENDED AT DITCH CROSSING LOCATION TO SUIT GROUND LEVELS. TOP OF FENCE AND POST TO POST DIMENSIONS REMAIN AS PER DETAIL 2. VOID BELOW BOTTOM RAIL AND FINISHED GROUND LEVEL TO BE CLOSED USING A MESH OF 13mm DIAMETER GALVANIZED STEEL RODS AT 150mm BOTH WAYS. (GALVANIZED AFTER WELDING)
  - CONNECTIONS TO THE EXISTING FENCE SHALL BE MADE AT POSTS.
  - BRACE FENCING AS REQUIRED.
- FENCE POSTS:**
- TERMINAL POSTS AND GATE POSTS SHALL BE INSTALLED WITH CONCRETE PILES AS SHOWN.

**APECA**  
Certificate of Authorization  
Earth Tech Canada Inc.  
No. 730 Expiry: April 30, 2006

B.M. ELEV.			
DESIGNED BY	SM	CHECKED BY	SRB
DRAWN BY	JBC	APPROVED BY	DJT
SCALE:	NTS	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI
DATE	2005/12/23	DATE	06/03/07

**CH2M HILL**  
Frederickson Cooper ARCHITECTS

**EarthTech**  
A Tyco International Ltd. Company

ENGINEER'S SEAL  
ORIGINAL SIGNED BY  
S.R. BILEVICIUS  
2006/03/07

CONSULTANT DRAWING NO.  
WL-C0452

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION

WATER TREATMENT PLANT  
CONSTRUCTION OF DEWATERING CELLS

CITY FILE NUMBER  
SHEET OF

CIVIL  
STANDARD DETAILS  
SHEET 2

CITY DRAWING NUMBER  
1-0601L-A-C0452-001-000