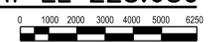


- NOTES:**
1. USE FORM LINER FOR CLARIFIER INSIDE AND OUTSIDE WALL FACE FOR FULL HEIGHT, TYP.
  2. USE 225mm PVC WATERSTOP FOR ALL CONSTRUCTION JOINT IN SECONDARY CLARIFIER 4 AND 5, TYP FOR WALLS AND SLABS.
  3. USE SUPER PLASTISIZER IN THIS AREA IN CONCRETE MIX IF REQUIRED.
  4. VACUUM AND THOROUGHLY CLEAN TOP OF STRUCTURAL SLAB BEFORE APPLYING CONCRETE TOPPING. APPLY A SLURRY OF CEMENT:WATER MIXTURE 1:2 AS BONDING AGENT JUST BEFORE PLACING CONCRETE TOPPING. ENSURE THAT BONDING COAT IS WET AT THE TIME OF APPLYING TOPPING, TYP.
  5. PLACE EXTRA STEEL OVER PILE BESIDE OTHER REINFORCEMENT TO MINIMIZE CONGESTION.

**LOWER LEVEL PLAN AT EL 228.680**  
1:125



**APEGM**  
Certificate of Authorization  
CH2M HILL Canada Ltd.  
No. 1441

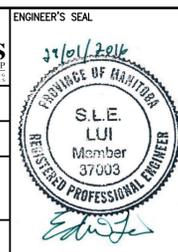
NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER - B.O. 899-2015	01/2016	G.O. J.C.	

**CH2MHILL**  
SNC-LAVALIN

DESIGNED BY: A. THAKKAR  
DRAWN BY: G. OMORI  
SCALE: 1:125  
DATE: 2016/01/29

CHECKED BY: E. LUI  
APPROVED BY: H.T. FREIHAMMER  
ISSUED FOR CONSTRUCTION BY: T. TURZAK  
DATE: 2016/01/29

CONSULTANT NO.: 474248



**THE CITY OF WINNIPEG**  
Winnipeg WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE  
SEWPC UPGRADING/EXPANSION PROJECT  
STRUCTURAL  
SECONDARY CLARIFIER 4  
LOWER LEVEL PLAN AT EL 228.680

CITY DRAWING NUMBER: 1-0102-SGAD-S003  
SHEET: 001  
REV: 00  
SIZE: A1

