



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 (ADDITIONAL) 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
01	ISSUED FOR ADD. 2 - B.O. 899-2015	02/2016	G.O. J.C.	
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
 CONSULTANT NO.: 474248

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

ENGINEER'S SEAL
 24/02/2016
 PROVINCE OF MANITOBA
 S.L.E. LUI
 Member 37003
 REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 SOUTH END WATER POLLUTION CONTROL CENTRE
 SEWPCC UPGRADING/EXPANSION PROJECT
 STRUCTURAL
 SECONDARY CLARIFIER 4
 LOWER LEVEL PLAN AT EL 228.680

CITY DRAWING NUMBER: 1-0102-SGAD-S003
 SHEET: 001
 REV: 01
 SIZE: A1

