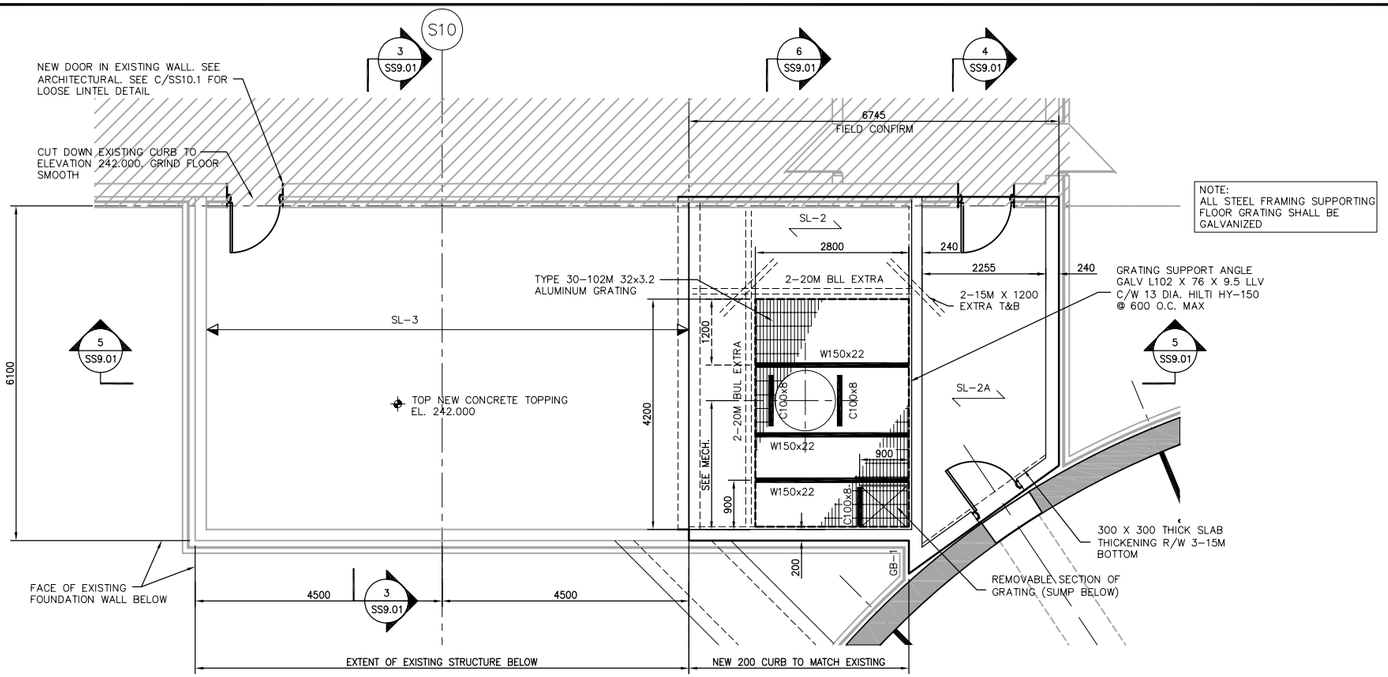
SHEET: COW-A1 (03/2005)

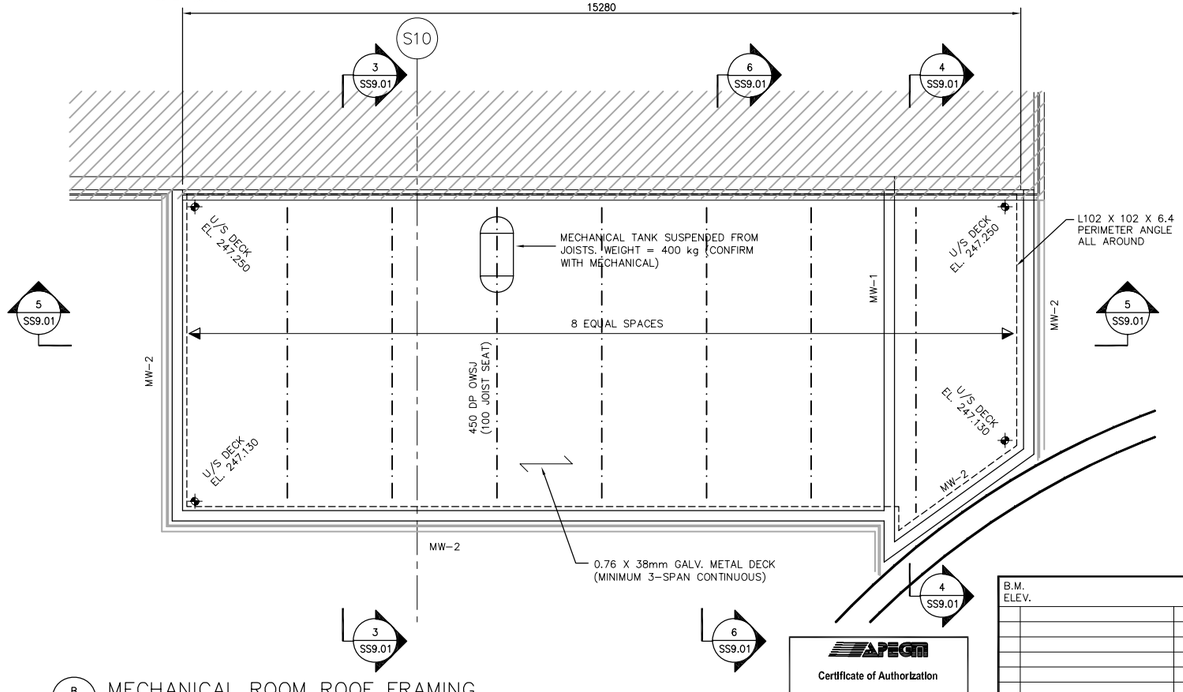


A SS8.04 1:50 MECHANICAL ROOM FLOOR FRAMING

FLOOR DESIGN LOADS

DL = STRUCTURE SELF WEIGHT
SDL = 4.7 kPa
LL = 4.8 kPa

C SS8.05 ELEVATION



B SS8.04 1:50 MECHANICAL ROOM ROOF FRAMING

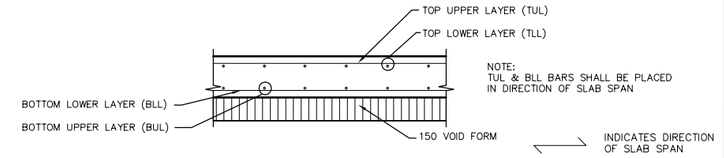
ROOF DESIGN LOADS
DL = 2.0 kPa
LL = 1.6 kPa

CONCRETE GRADE BEAM SCHEDULE – SECONDARY CLARIFIERS

MARK	WIDTH	DEPTH	REINFORCING				STIRRUPS	REMARKS
			TOP	FLANGE	WEB	BOTTOM		
GB-1	250	800	2-25M	1-20M	2-15M E.F.	2-25M	10M @ 300 o/c	

CONCRETE SLAB SCHEDULE – SECONDARY CLARIFIERS

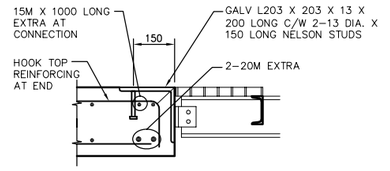
MARK	DEPTH	REINFORCING			REMARKS
		TOP	BOTTOM	ADDITIONAL	
SL-2	250	15M @ 300 O.C. E.W.	15M @ 300 O.C. E.W.		
SL-2A	250	15M @ 300 O.C. E.W.	15M @ 300 O.C. E.W.		SLAB ON 150 VOID FORM
SL-3	VARIES				FIBER-REINFORCED CONCRETE TOPPING



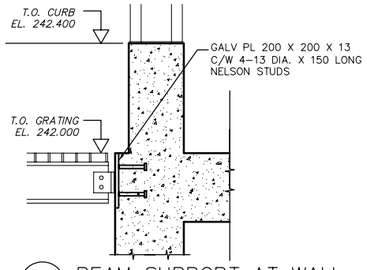
CONCRETE FLOOR SLAB DETAIL

MASONRY WALL SCHEDULE – SECONDARY CLARIFIERS

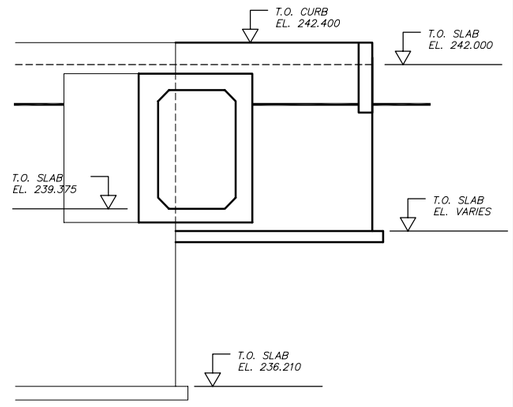
MARK	WIDTH	REINFORCING	REMARKS
MW-1	190	15M @ 1200 O.C.	
MW-2	190	15M @ 1000 O.C.	



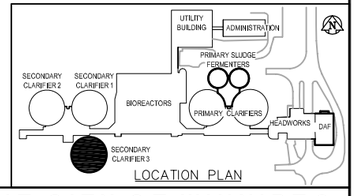
D SS8.05 1:10 BEAM SUPPORT AT SLAB



E SS8.05 1:10 BEAM SUPPORT AT WALL



C SS8.05 1:50 GRADE BEAM ELEVATION



LOCATION PLAN

B.M. ELEV.			
00	ISSUED FOR TENDER	06/04/26	NV
NO.	REVISIONS	DATE	BY

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

EarthTech
A Tyco International Ltd. Company

DESIGNED BY	CJG	CHECKED BY	CJG
DRAWN BY	NV	APPROVED BY	JEH
HOR. SCALE: AS NOTED VERTICAL SCALE:		RELEASED FOR CONSTRUCTION BY:	J.VEILLEUX
DATE	2006/03/10	DATE	2006/04/26

ENGINEER'S SEAL
ORIGINAL SIGNED BY
C.J. GENTILE
2006/04/25

CONSULTANT DRAWING NO.
SS8.05

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WEWPCC
BIOLOGICAL NUTRIENT REMOVAL UPGRADE
CONTRACT No. 3

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER

STRUCTURAL
AREA S – SECONDARY CLARIFIER 3
MECHANICAL ROOM FRAMING PLANS

04/26/06 03:15pm norm.villeneuve L:\work\76000\76063\02a-CAD\IND\Contr\Fermentor-Clarifier\SS8.05.dwg Layout:Layout1