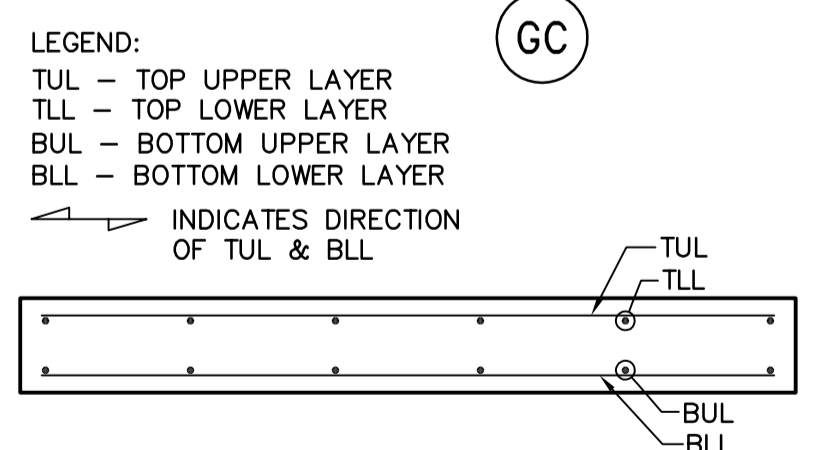


MAIN FLOOR FRAMING PLAN
SCALE: 1:50
T.O.C. FLOOR EL. 241.300 UNLESS NOTED OTHERWISE.

MAIN FLOOR DESIGN LOADS
DL = STRUCTURE SELF WEIGHT
LL BETWEEN GRIDS 'GB' TO 'GC' = 12.0 kPa U/N
LL FERRIC CHLORIDE TANK = 50,900 kg
LL BETWEEN GRIDS 'GA' TO 'GB' = 14.4 kPa U/N
LL AT DAF UNITS = 28.7 kPa



CONCRETE SLAB SCHEDULE				
MARK	DEPTH	REINFORCING		REMARKS
		TOP	BOTTOM	
SL-1	200	15M @ 300 o/c TUL & TLL	15M @ 300 o/c BUL 15M @ 250 o/c BLL	SEE PLAN/DETAILS
SL-2	350	15M @ 250 o/c TUL & TLL	15M @ 250 o/c BUL 20M @ 250 o/c BLL	
SL-3	350	20M @ 200 o/c TUL 15M @ 300 o/c TLL	15M @ 300 o/c BUL 20M @ 200 o/c BLL	
SL-4	250	15M @ 300 o/c TUL & TLL	15M @ 300 o/c BUL 20M @ 200 o/c BLL	
SL-5	200	15M @ 300 o/c TUL & TLL	15M @ 300 o/c BUL 20M @ 300 o/c BLL	

MASONRY WALL SCHEDULE				
MARK	SIZE	REINFORCING	TYPE	REMARKS
MW-1	290	20M	NORMAL	CONC. FILLED, 1-20M @ 200 o/c FULL HT. c/w 20M DWLS @ 200. DRILL & EPOXY GROUT 180mm INTO CONC. WITH HILTI HIT HY-150 ADHESIVE.
MW-2	290	-	NORMAL	HOLLOW
MW-3	190	-	NORMAL	HOLLOW

STEEL AND ALUMINUM COLUMN SCHEDULE							
MARK	SIZE	BASE PL. TYPE	U/S BASE PLATE EL.	MARK	SIZE	BASE PL. TYPE	U/S BASE PLATE EL.
SC-1	HSS 178x178x4.8 (STEEL)	BP3	241.320	SC-5	HSS 127x127x4.8 (STEEL)	BP5	241.320
SC-2	HSS 178x178x4.8 (STEEL)	BP3	241.520	SC-6	HSS 102x102x4.8 (ALUMINUM)	BP4	241.520
SC-3	HSS 254x254x6.4 (STEEL)	BP1	241.320	SC-7	HSS 102x102x4.8 (ALUMINUM)	BP4	241.320
SC-4	HSS 254x254x8.0 (STEEL)	BP2	241.520	SC-8	HSS 127x127x6.4 (ALUMINUM)	BP6	241.320

- DRAWING NOTES:**
- REFER TO DRAWING LS1.01 FOR GENERAL NOTES.
 - F195** DENOTES THICKNESS OF TOPPING ABOVE MAIN SLAB IN mm.
 - REFER TO DRAWING TS5.06 FOR BASE PLATE AND ANCHOR BOLT DETAILS.
 - REFER TO DRAWING TS6.02 & TS6.03 FOR STAIR DETAILS.

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

EarthTech
A Tyco International Ltd. Company

DESIGNED BY: ARA
CHECKED BY: LR
DRAWN BY: NDH
APPROVED BY: JEH

HOR. SCALE: AS NOTED
VERTICAL SCALE: J. VEILLEUX

2006/03/13
2006/04/26

ENGINEER'S SEAL
ORIGINAL SIGNED BY
L.L. RIDING
2006/04/26

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WEWPC
BIOLOGICAL NUTRIENT REMOVAL UPGRADE
CONTRACT 3

STRUCTURAL
AREA T - DAF THICKENER BUILDING
MAIN FLOOR FRAMING PLAN AND SCHEDULES

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER