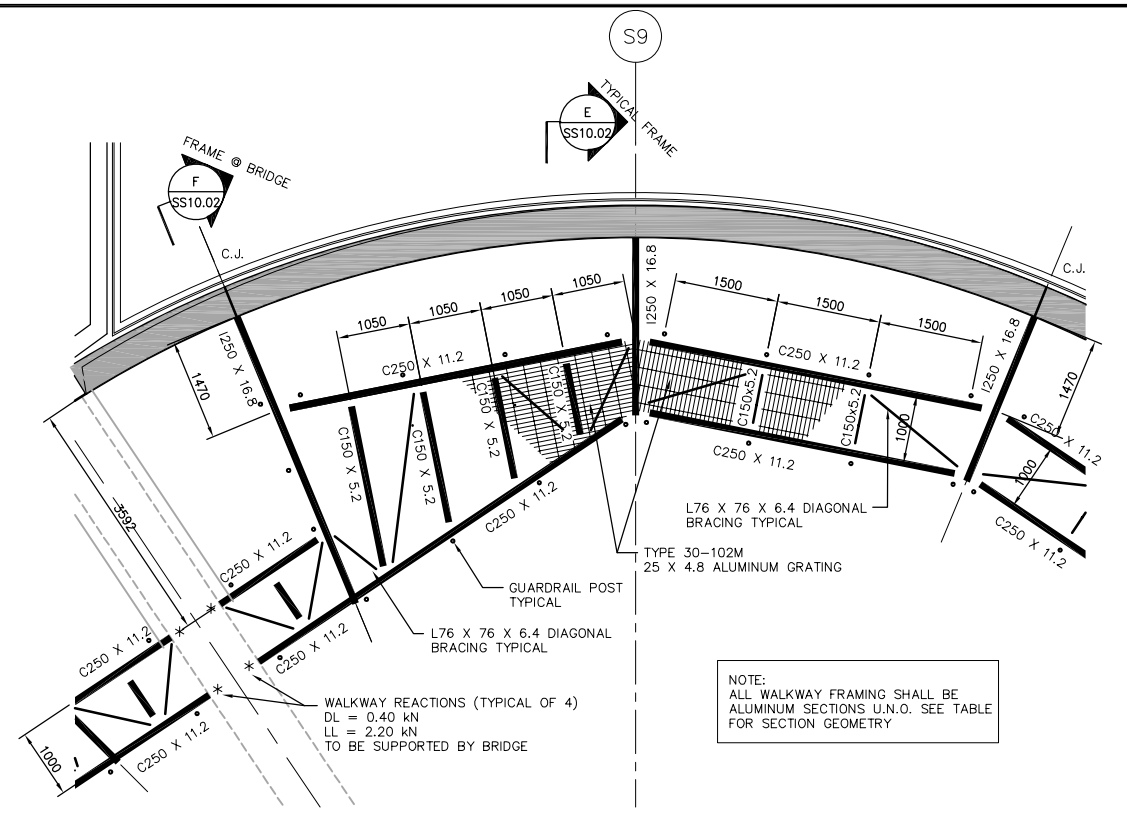


WALKWAY LEVEL FRAMING PLAN
SCALE: 1:100

WALKWAY DESIGN LOADS

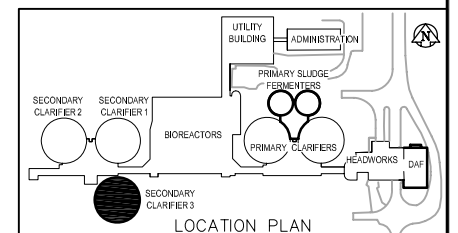
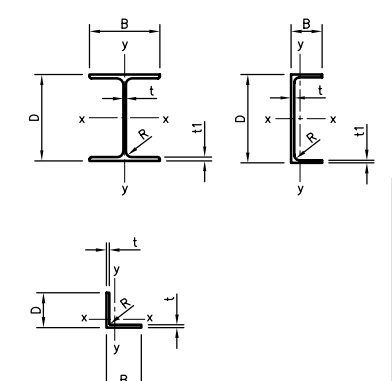
- DL = STRUCTURE SELF WEIGHT
- SDL = 2.0 kN POINT LOAD ON OUTRIGGER (MECHANICAL DUCT)
- LL = 4.8 kPa



A PARTIAL WALKWAY FRAMING PLAN
SCALE: 1:50

ALUMINUM SECTIONS – IMPERIAL SIZES IN METRIC UNITS

SECTION	DIMENSIONS						SECTION PROPERTIES							
	ALCAN No.	D (mm)	B (mm)	t (mm)	t1 (mm)	R (mm)	WEIGHT (kg/m)	A (mm ²)	I/10 ⁶ (mm ⁴)	S/10 ³ (mm ³)	r (mm)	I/10 ⁶ (mm ⁴)	S/10 ³ (mm ³)	r (mm)
L76 X 76 X 6.4	17527	76.20	76.20	6.35	-	6.35	2.528	936	0.519	9.458	23.6	0.519	9.458	23.6
L102 X 102 X 7.9	17535	101.60	101.60	7.92	-	7.92	4.216	1561	1.548	21.088	31.5	1.548	21.088	31.5
C150 X 5.2	23023	152.40	63.50	6.4	7.9	11.1	5.204	1927	6.834	89.687	59.6	0.727	16.059	19.4
C250 X 11.2	23031	254.00	88.90	7.9	12.7	14.3	11.229	4157	41.871	330	100.4	3.165	50.403	27.6
I254 X 16.8	28018	254.00	152.40	9.5	12.7	14.3	16.811	6224	68.047	536.0	104.6	7.521	98.700	34.8



B.M. ELEV.	EarthTech A Tyco International Ltd. Company		ENGINEER'S SEAL	THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION	
	DESIGNED BY: C/JG	CHECKED BY: C/JG	ORIGINAL SIGNED BY:	WEWPC BIOLOGICAL NUTRIENT REMOVAL UPGRADE CONTRACT No. 3	
	DRAWN BY: NV	APPROVED BY: JEH	2006/04/25	CITY FILE NUMBER	
	HOR. SCALE: AS NOTED VERTICAL SCALE:		RELEASED FOR CONSTRUCTION BY: J. VEILLEUX	SHEET OF	
00 ISSUED FOR TENDER	06/04/26	NV	CONSULTANT DRAWING NO. SS8.04	CITY DRAWING NUMBER	
NO. REVISIONS	DATE	BY	DATE 2006/03/10	STRUCTURAL AREA S - SECONDARY CLARIFIER 3 WALKWAY LEVEL FRAMING PLANS	
			DATE 2006/04/26		