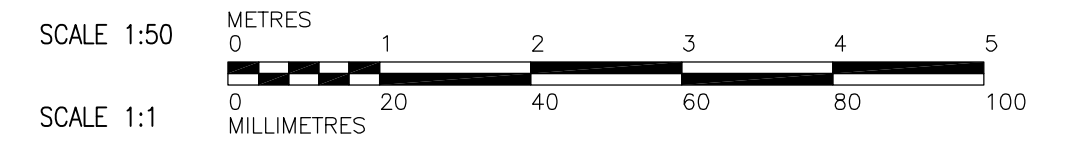


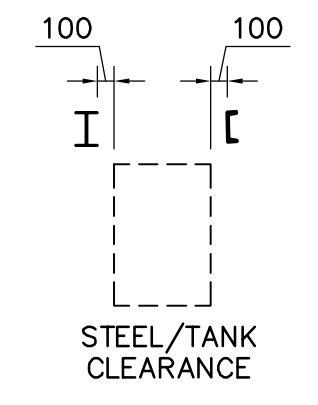
DESIGN LOADS:

- DEAD LOADS:
 - .1) STRUCTURE SELF WEIGHT
 - .2) ROOFING = 0.4 kPa
 - .3) MECHANICAL LOAD = 1.2 kPa
 - .4) EQUIPMENT LOAD = AS SHOWN
- LIVE LOADS:
 - .1) GROUND SNOW LOAD - $S_s = 1.7$ kPa
 $S_r = 0.2$ kPa
 MODIFY FOR EXPOSURE AND DRIFT AS PER NBC 1995.
 - .2) WIND $q(1/100) = 0.49$ kPa
 - .3) OCCUPANCY (ROOF) 1.0 kPa



ROOF PLAN - PARTIAL STEEL FRAMING PLAN
1:50

- NOTES:
- ROOF STRUCTURE IS DESIGNED TO ALLOW THE REMOVAL OF CHEMICAL TANKS THROUGH ROOF
 - JOIST SEAT IS 65mm



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

B.M. ELEV.			
DESIGNED BY	ARA	CHECKED BY	AP
DRAWN BY	CMF	APPROVED BY	AHL
SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI
00 ISSUED FOR TENDER	07/01/31	DATE	2006/08/30
NO. REVISIONS	DATE	BY	DATE

CH2M HILL
Frederickson Cooper ARCHITECTS

EarthTech
A Tyco International Ltd. Company

ENGINEER'S SEAL
ORIGINAL SIGNED BY
A. POCHANART
2007/01/31

CONSULTANT DRAWING NO.
WS-S0141

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
BULK CHEMICAL BUILDING
SODIUM HYPOCHLORITE AND CHEMICAL STORAGE BUILDING

STRUCTURAL
ROOF PLAN - STEEL FRAMING (PARTIAL)

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER
1-06018-A-80141-001-00D