

Owner
City of Winnipeg
190 River Road, Winnipeg, MB

No.	Date	Revision Notes
1.	15.03.10	Issued for Coord
2.	15.04.10	Issued for 66% Review
3.	15.05.08	Issued for Construction



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Project
St. Vital Park Washrooms

Drawing
Foundation Plan

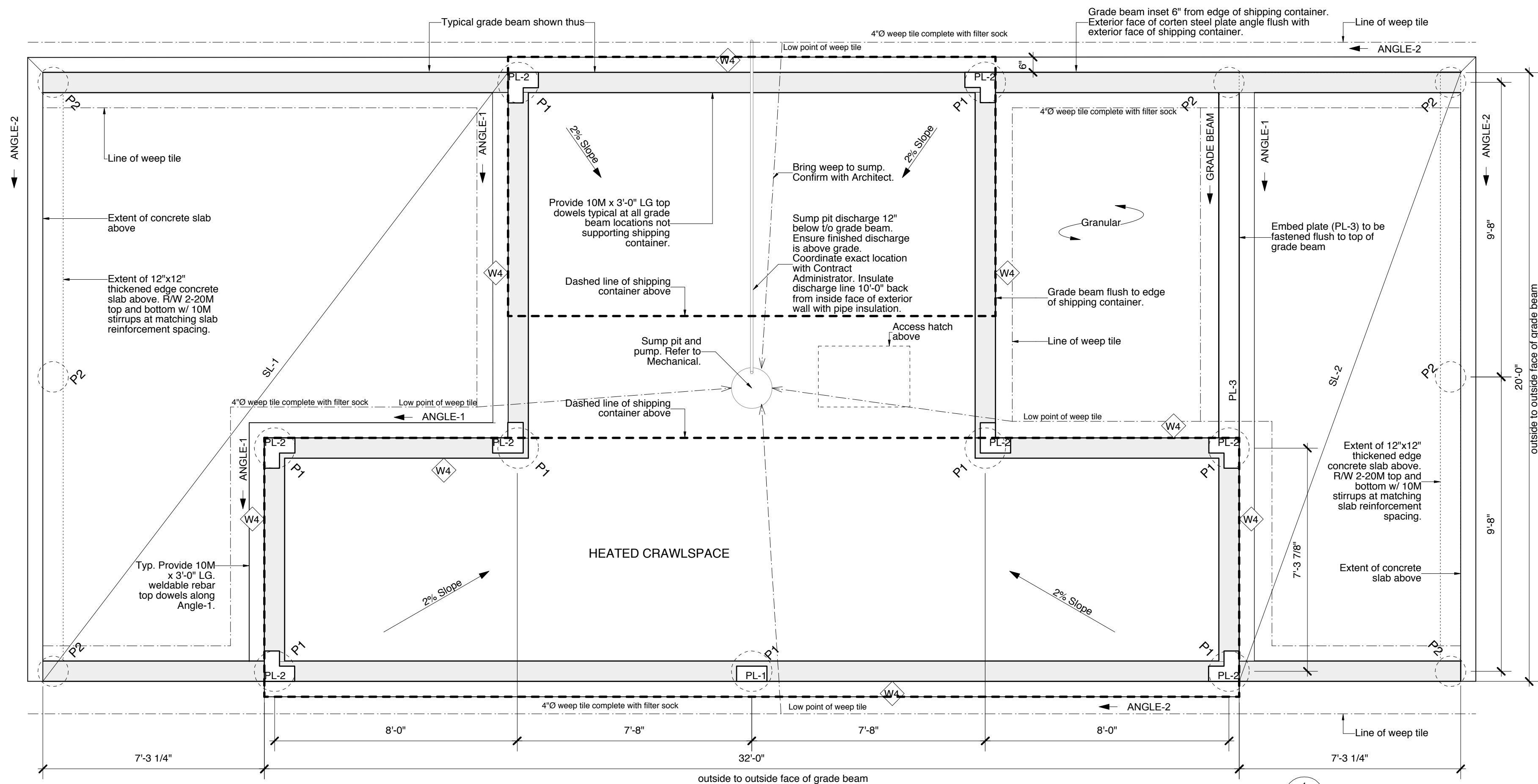
Drawn By
MH
Scale

Reviewed By
PS
Drawing No.
A-02

Date
May 2015

Project No.
1445

File No.
0



TAG	FIRE	STC	THERMAL	DIAGRAM	DESCRIPTION
PARTITION ASSEMBLIES					
P1	N/A	N/A	N/A		5/8" abuse resistant GWB 3 5/8" metal stud at 16" o/c 5/8" abuse resistant GWB
P2	N/A	N/A	N/A		5/8" abuse resistant GWB (UTR side) 3 5/8" metal stud at 16" o/c Acoustic mineral wool batt insulation 5/8" G1S plywood (Utility Rm. side)
P3	N/A	N/A	N/A		5/8" abuse resistant GWB 3 5/8" metal stud at 16" o/c Acoustic mineral wool batt insulation 5/8" abuse resistant GWB
 SHEATHING ASSEMBLIES					
S1	N/A	N/A	N/A		5/8" abuse resistant GWB (interior) 1x3 strapping installed horizontally @ 16" o/c Existing container corrugated wall panel
S2	N/A	N/A	N/A		5/8" G1S plywood (interior) 1x3 strapping installed horizontally @ 16" o/c Existing container corrugated wall panel
 WALL ASSEMBLIES					
W1	N/A	N/A	R-12 min.		3/16" corten steel panel c/w steel angles Air space varies (refer to sections) Type 2 closed cell spray foam insulation Existing container corrugated wall panel
W2	N/A	N/A	R-12 min.		16 gauge non-directional mirrored stainless steel 3/4" exterior grade plywood Air space varies (refer to sections) Type 2 closed cell spray foam insulation Existing container corrugated wall panel
W3	N/A	N/A	R-12 min.		3/16" corten steel panel 1/2" air space Type 2 closed cell spray foam insulation 1/2" plywood 3 5/8" metal stud @ 16" o/c 3/4" G1S plywood
W4	N/A	N/A	R-12 min.		Waterproof membrane Grade beam (See Foundation Plan) 2" Type 4 rigid insulation
W5	N/A	N/A	R-12 min.		Existing container door Type 2 closed cell spray foam insulation 2 1/2" metal stud @ 16" o/c 3/4" G1S plywood

TAG	FIRE	STC	THERMAL	DIAGRAM	DESCRIPTION
FLOOR ASSEMBLIES					
F1	N/A	N/A	R-18 min.		1/8" epoxy coating c/w integral cove base 2 layers 3/4" plywood fastened w/ staggered seams Existing container flooring Existing container floor framing
F2	N/A	N/A	N/A		2 layers 3/4" plywood 2x6 wood joists @ 16" o/c
F3	N/A	N/A	N/A		2" sand cover 10 mil poly ground cover Undisturbed subgrade
 ROOF ASSEMBLIES					
R1	N/A	N/A	R-12 min.		Mod Bit 5/8" plywood sheathing 2x6 1% sloped sleepers @ 24" o/c Type 2 closed cell spray-foam insulation to fill all cavities Existing container roof
R2	N/A	N/A	R-12 min.		Mod Bit 5/8" plywood sheathing 2x6 1% sloped strapping @ 24" o/c Type 2 closed cell spray-foam insulation to fill all cavities Existing container roof
R3	N/A	N/A	R-12 min.		Mod Bit 5/8" plywood sheathing 2x6 1% sloped roof joists @ 24" o/c Type 2 closed cell spray-foam insulation to fill all cavities 1/2" plywood

1 Foundation Plan
3/8" = 1'-0"

Design Loads
Live: 4.8 KPa
Dead: Self Weight
Superimposed Dead: 10 KPa

Pile Schedule

P1
16"Ø x 25'-0" long cast-in-place concrete pile reinforced with 1-25M full length of pile. Extend reinforcing 18" into grade beam with 6" hook.

P2
12"Ø x 25'-0" long cast-in-place concrete pile reinforced with 1-25M full length of pile. Extend reinforcing 18" into grade beam with 6" hook.

Grade Beam Schedule

Grade Beam
8"x36" grade beam reinforced w/ 2-20M top and bottom w/ 10M stirrups @ 12" o/c on 6" void form.

Plate Schedule

PL-1
Galvanized PL 12"x6", 5/8" thick embed c/w 3/4"Ø x 8" long Nelson studs

PL-2
Galvanized PL 12"x12"x6", 5/8" thick L-shaped embed plate c/w 3/4"Ø x 8" long Nelson studs

PL-3
Galvanized PL 3/8"x8" continuous embed plate c/w 3/4"Ø x 8" long Nelson studs @ 12" o/c

Slab Schedule

SL-1
8" C.I.P. concrete slab on 6" polywrapped voidform R/W 15M @ 12" o/c bottom each way

SL-2
8" C.I.P. concrete slab on 6" polywrapped voidform R/W 10M @ 12" o/c bottom each way

Angle Schedule

ANGLE-1
L5"x5"x3/8" Galvanized c/w PL-3 @ 4' o/c

ANGLE-2
Bent PL 3/8"x6" Horizontal leg x min 15.5" vertical leg

Note: All Corten steel to be ASTM A588 steel free of marks and millings.