



**DO NOT SCALE DRAWINGS**

Revision/	Description/Description	Date/Date
A	ISSUED FOR CONSTRUCTION	2016/11/02

Client/Client  
**PUBLIC WORKS AND GOVERNMENT SERVICES AGENCY**

Project Title/Titre du projet  
**EMERSON, MANITOBA  
HIGHWAY 75, UNITED STATES BORDER  
EXPANSION AND  
REDEVELOPMENT OF THE  
EMERSON PORT OF ENTRY**

Approved by/Approve par  
KJP

Designed by/Concept par  
JAL/KJP

Drawn by/Dessiné par  
JLP/MPF

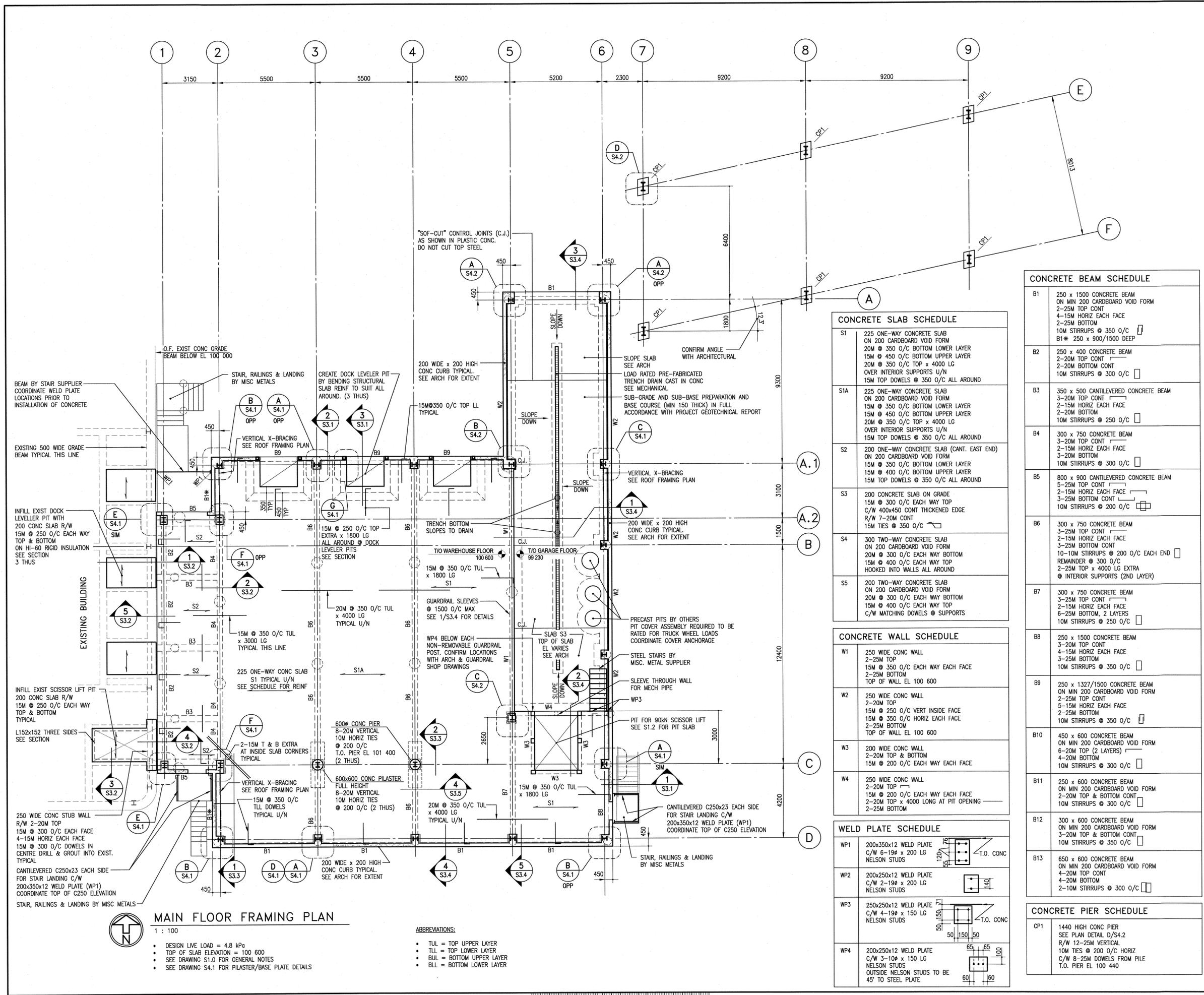
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Client/Client

Drawing Title/Titre du dessin  
**MAIN FLOOR FRAMING PLAN  
SCHEDULES**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.068431.001	S1.3	0



**CONCRETE SLAB SCHEDULE**

S1	225 ONE-WAY CONCRETE SLAB ON 200 CARDBOARD VOID FORM 20M @ 350 O/C BOTTOM LOWER LAYER 15M @ 450 O/C BOTTOM UPPER LAYER 20M @ 350 O/C TOP x 4000 LG OVER INTERIOR SUPPORTS U/N 15M TOP DOWELS @ 350 O/C ALL AROUND
S1A	225 ONE-WAY CONCRETE SLAB ON 200 CARDBOARD VOID FORM 15M @ 350 O/C BOTTOM LOWER LAYER 15M @ 450 O/C BOTTOM UPPER LAYER 20M @ 350 O/C TOP x 4000 LG OVER INTERIOR SUPPORTS U/N 15M TOP DOWELS @ 350 O/C ALL AROUND
S2	200 ONE-WAY CONCRETE SLAB (CANT. EAST END) ON 200 CARDBOARD VOID FORM 15M @ 350 O/C BOTTOM LOWER LAYER 15M @ 400 O/C BOTTOM UPPER LAYER 15M TOP DOWELS @ 350 O/C ALL AROUND
S3	200 CONCRETE SLAB ON GRADE 15M @ 300 O/C EACH WAY TOP C/W 400x450 CONT THICKENED EDGE R/W 7-20M CONT 15M TIES @ 350 O/C
S4	300 TWO-WAY CONCRETE SLAB ON 200 CARDBOARD VOID FORM 20M @ 300 O/C EACH WAY BOTTOM 15M @ 400 O/C EACH WAY TOP HOOKED INTO WALLS ALL AROUND
S5	200 TWO-WAY CONCRETE SLAB ON 200 CARDBOARD VOID FORM 20M @ 300 O/C EACH WAY BOTTOM 15M @ 400 O/C EACH WAY TOP C/W MATCHING DOWELS @ SUPPORTS

**CONCRETE WALL SCHEDULE**

W1	250 WIDE CONC WALL 2-25M TOP 15M @ 350 O/C EACH WAY EACH FACE 2-25M BOTTOM TOP OF WALL EL 100.600
W2	250 WIDE CONC WALL 2-20M TOP 15M @ 250 O/C VERT INSIDE FACE 15M @ 350 O/C HORIZ EACH FACE 2-25M BOTTOM TOP OF WALL EL 100.600
W3	200 WIDE CONC WALL 2-20M TOP & BOTTOM 15M @ 200 O/C EACH WAY EACH FACE
W4	250 WIDE CONC WALL 2-20M TOP 15M @ 200 O/C EACH WAY EACH FACE 2-20M TOP x 4000 LONG AT PIT OPENING 2-25M BOTTOM

**WELD PLATE SCHEDULE**

WP1	200x350x12 WELD PLATE C/W 6-19# x 200 LG NELSON STUDS
WP2	200x250x12 WELD PLATE C/W 2-19# x 200 LG NELSON STUDS
WP3	250x250x12 WELD PLATE C/W 4-19# x 150 LG NELSON STUDS
WP4	200x250x12 WELD PLATE C/W 3-10# x 150 LG NELSON STUDS OUTSIDE NELSON STUDS TO BE 45° TO STEEL PLATE

**CONCRETE BEAM SCHEDULE**

B1	250 x 1500 CONCRETE BEAM ON MIN 200 CARDBOARD VOID FORM 2-25M TOP CONT 4-15M HORIZ EACH FACE 2-25M BOTTOM 10M STIRRUPS @ 350 O/C B1* 250 x 900/1500 DEEP
B2	250 x 400 CONCRETE BEAM 2-20M TOP CONT 2-20M BOTTOM CONT 10M STIRRUPS @ 300 O/C
B3	350 x 500 CANTILEVERED CONCRETE BEAM 3-20M TOP CONT 2-15M HORIZ EACH FACE 2-20M BOTTOM 10M STIRRUPS @ 250 O/C
B4	300 x 750 CONCRETE BEAM 3-20M TOP CONT 2-15M HORIZ EACH FACE 3-20M BOTTOM 10M STIRRUPS @ 300 O/C
B5	800 x 900 CANTILEVERED CONCRETE BEAM 5-25M TOP CONT 2-15M HORIZ EACH FACE 3-25M BOTTOM CONT 10M STIRRUPS @ 200 O/C
B6	300 x 750 CONCRETE BEAM 3-25M TOP CONT 2-15M HORIZ EACH FACE 3-25M BOTTOM CONT 10-10M STIRRUPS @ 200 O/C EACH END REMAINDER @ 300 O/C 2-25M TOP x 4000 LG EXTRA @ INTERIOR SUPPORTS (2ND LAYER)
B7	300 x 750 CONCRETE BEAM 3-25M TOP CONT 2-15M HORIZ EACH FACE 6-25M BOTTOM, 2 LAYERS 10M STIRRUPS @ 250 O/C
B8	250 x 1500 CONCRETE BEAM 3-20M TOP CONT 4-15M HORIZ EACH FACE 3-25M BOTTOM 10M STIRRUPS @ 350 O/C
B9	250 x 1327/1500 CONCRETE BEAM ON MIN 200 CARDBOARD VOID FORM 2-25M TOP CONT 5-15M HORIZ EACH FACE 2-25M BOTTOM 10M STIRRUPS @ 350 O/C
B10	450 x 600 CONCRETE BEAM ON MIN 200 CARDBOARD VOID FORM 6-20M TOP (2 LAYERS) 4-20M BOTTOM 10M STIRRUPS @ 300 O/C
B11	250 x 600 CONCRETE BEAM ON MIN 200 CARDBOARD VOID FORM 3-20M TOP & BOTTOM CONT 10M STIRRUPS @ 300 O/C
B12	300 x 600 CONCRETE BEAM ON MIN 200 CARDBOARD VOID FORM 3-20M TOP & BOTTOM CONT 10M STIRRUPS @ 350 O/C
B13	650 x 600 CONCRETE BEAM ON MIN 200 CARDBOARD VOID FORM 4-20M TOP CONT 4-20M BOTTOM 2-10M STIRRUPS @ 300 O/C

**CONCRETE PIER SCHEDULE**

CP1	1440 HIGH CONC PIER SEE PLAN DETAIL D/S4.2 R/W 12-25M VERTICAL 10M TIES @ 200 O/C HORIZ C/W 8-25M DOWELS FROM PILE T.O. PIER EL 100.440
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