CONCRETE BEAM SCHEDULE

MARK	DESCRIPTION
GB1	250x750 CONCRETE BEAM 2–25M TOP & BOTTOM CONTINUOUS 1–15M HORIZONTAL EACH FACE 10M STIRRUPS @ 300 O/C
GB2	300x750 CONCRETE BEAM 3–25M TOP & BOTTOM CONTINUOUS 1–15M HORIZONTAL EACH FACE 10M STIRRUPS @ 250 O/C
GB3	300x750 CONCRETE BEAM 3–25M TOP CONTINUOUS 3–25M + 2–20M BOTTOM CONTINUOUS (2 LAYERS) 1–15M HORIZONTAL EACH FACE 10M STIRRUPS @ 150 O/C
GB4	300x600 CONCRETE BEAM 2–25M TOP & BOTTOM CONTINUOUS 10M STIRRUPS @ 300 O/C

CONCRETE SLAB SCHEDULE

MARK	DESCRIPTION	REINFORCING
S1	175 CONCRETE SLAB 150 CARDBOARD VOID FORM	15M @ 250 O/C EACH WAY BOTTOM
S2	200 CONCRETE SLAB COMPACTED GRANULAR FILL SLOPED TO DRAIN	15M @ 300 O/C EACH WAY TOP
S3	225 CONCRETE SLAB 150 CARDBOARD SHEARMAT	15M @ 200 O/C EACH WAY T&B
S4	300 CONC HOSE WASH PIT SLAB 150 CARDBOARD SHEARMAT	20M @ 200 O/C EACH WAY T&B
S5	200 CONCRETE SLAB	15M @ 200 O/C EACH WAY T&B
S6	225 CONCRETE SLAB 150 CARDBOARD VOID FORM	15M @ 300 O/C EACH WAY BOTTOM

CONCRETE WALL SCHEDULE

MARK	DESCRIPTION
CW1	250 CONCRETE WALL 2–25M TOP & BOTTOM CONTINUOUS 15M @ 300 O/C EACH WAY EACH FACE

FLOOR SCHEDULE

MARK	DESCRIPTION
FL1	160 CONCRETE TOPPING MAX RIGID INSULATION 64 CONCRETE TOPPING R/W 152x152xMW18.7xMW18.7 38x1.21 COMPOSITE FLOOR DECK (2 SPAN)
FL2	122 CONCRETE TOPPING R/W 15M @ 400 O/C EACH WAY TOP RUBBER ISOLATION PAD 77 CONCRETE TOPPING R/W 152x152xMW18.7xMW18.7 38x1.21 COMPOSITE FLOOR DECK (3 SPAN)

MASONRY LINTEL SCHEDULE

MARK	DESCRIPTION
ML1	190x600 DEEP MASONRY LINTEL R/W 1–15M TOP & 1–20M BOTTOM 1–LEG 10M STIRRUPS @ 250 O/C
ML2	190x800 DEEP MASONRY LINTEL R/W 1–15M TOP & INTERMEDIATE 1–25M BOTTOM CONTINUOUS 1–LEG 10M STIRRUPS @ 250 O/C
ML3	190x1000 DEEP MASONRY LINTEL R/W 1–15M TOP & INTERMEDIATE 1–25M BOTTOM CONTINUOUS 1–LEG 10M STIRRUPS @ 250 O/C

NOTES:

- 200 MINIMUM BEARING EACH END.
- ALL LINTELS GROUTED SOLID WITH 20 MPa CONCRETE AND GROUT IS CONTINUOUS HORIZONTALLY (BREAK BLOCK WEBS)
- BLOCK STRENGTH TO MATCH STRENGTH OF WALL.
- 190 DEEP FULLY GROUTED BOND BEAM R/W 2–10M CONTINUOUS BELOW WINDOW EXTEND 200 BEYOND OPENING EACH END.

GIRT SCHEDULE

MARK	DESCRIPTION
G1	HSS 152x152x8.0 C/W L152x152x7.9
G2	HSS 152x152x6.4
G3	HSS 127x127x6.4
G4	HSS 152x102x6.4 LSV

COLUMN SCHEDULE

MARK	DESCRIPTION
C1	HSS 152x152x6.4
C2	HSS 127x127x8.0
C3	HSS 254x152x16
C4	HSS 102x102x6.4 C/W STEEL SHOE FOR GLULAM BEAM
C5	HSS 152x152x8.0
C6	HSS 254x152x8.0
C7	HSS 127x127x6.4
C8	HSS 152x152x13

WOOD BEAM SCHEDULE

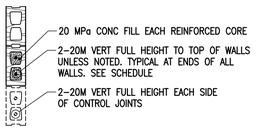
MARK	DESCRIPTION
WB1	GLULAM BEAM 130x608 20f–E GRADE
WB2	GLULAM BEAM 130x304 20f–E GRADE

CONCRETE BLOCK WALL SCHEDULE

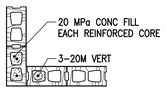
MARK	LEVEL	MATERIAL	STRENGTH	REINFORCING/GROUT	HORIZONTAL REINFORCING	CORNER/END REINFORCING
MW1	SECOND – ROOF	190 CONC BLOCK	15 MPa	20M @ 800 O/C VERT, GROUT @ 800 O/C	STD AT 400 O/C	2–20M VERT, 2 CORES
	MAIN – SECOND	190 CONC BLOCK	15 MPa	20M @ 400 O/C VERT, GROUT @ 400 O/C	STD AT 400 O/C	2–20M VERT, 2 CORES
	MAIN – SECOND ≤ 1600mm LONG	190 CONC BLOCK	15 MPa	20M @ 200 O/C VERT, GROUT @ 200 O/C	STD AT 400 O/C	–

N O T E S :

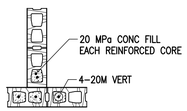
- PROVIDE 2–25M VERT EACH SIDE OF DOOR OPENINGS FULL HEIGHT IN GROUTED CORES, TYPICAL UNLESS NOTED.
- PROVIDE DOWELS FROM TOP OF CONCRETE WALL OR GRADE BEAM TO MATCH BLOCK WALL REINFORCING SIZE AND SPACING. DOWEL EMBEDMENT TO CONCRETE BELOW SHALL BE THE TENSION DEVELOPMENT LENGTH OF THE BAR AND MINIMUM 600.
- BLOCK WALL HORIZONTAL JOINT REINFORCING TO BE STANDARD DUR–O–WALL LADDER REINFORCING AT SPACING NOTED ABOVE.
- ALL GROUT TO BE MIN 20 MPa CONCRETE AS PER GENERAL NOTES.
- ALL REINFORCING NOTED IN SCHEDULE AS CORNER/END REINFORCING TO HAVE CLASS 'B' TENSION LAPS AT ALL SPLICE LOCATIONS.
- PROVIDE VERT DOWELS FROM CONCRETE TO MATCH CORNER/END REINFORCING WITH CLASS 'B' TENSION LAP.
- FOR UNREINFORCED BLOCK WALLS, PROVIDE MIN 15M DOWELS @ 800 O/C. REINFORCING TO EXTEND MIN 600 INTO BLOCK WALL AND 600 INTO CONCRETE BELOW.



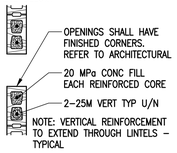
TYPICAL WALL END & CONTROL JOINT DETAIL



3 FILLED CORES AT CORNER



4 FILLED CORES AT CORNER



TYPICAL WALL OPENING DETAIL

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
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NO.	DATE	REVISION / ISSUANCE
00	2023.02.03	ISSUED FOR CONSTRUCTION

Seal

Project
WFPS STATION 9

1083 AUTUMNWOOD DRIVE

Sheet Title
SCHEDULES

Project No. 2150

Sheet S004