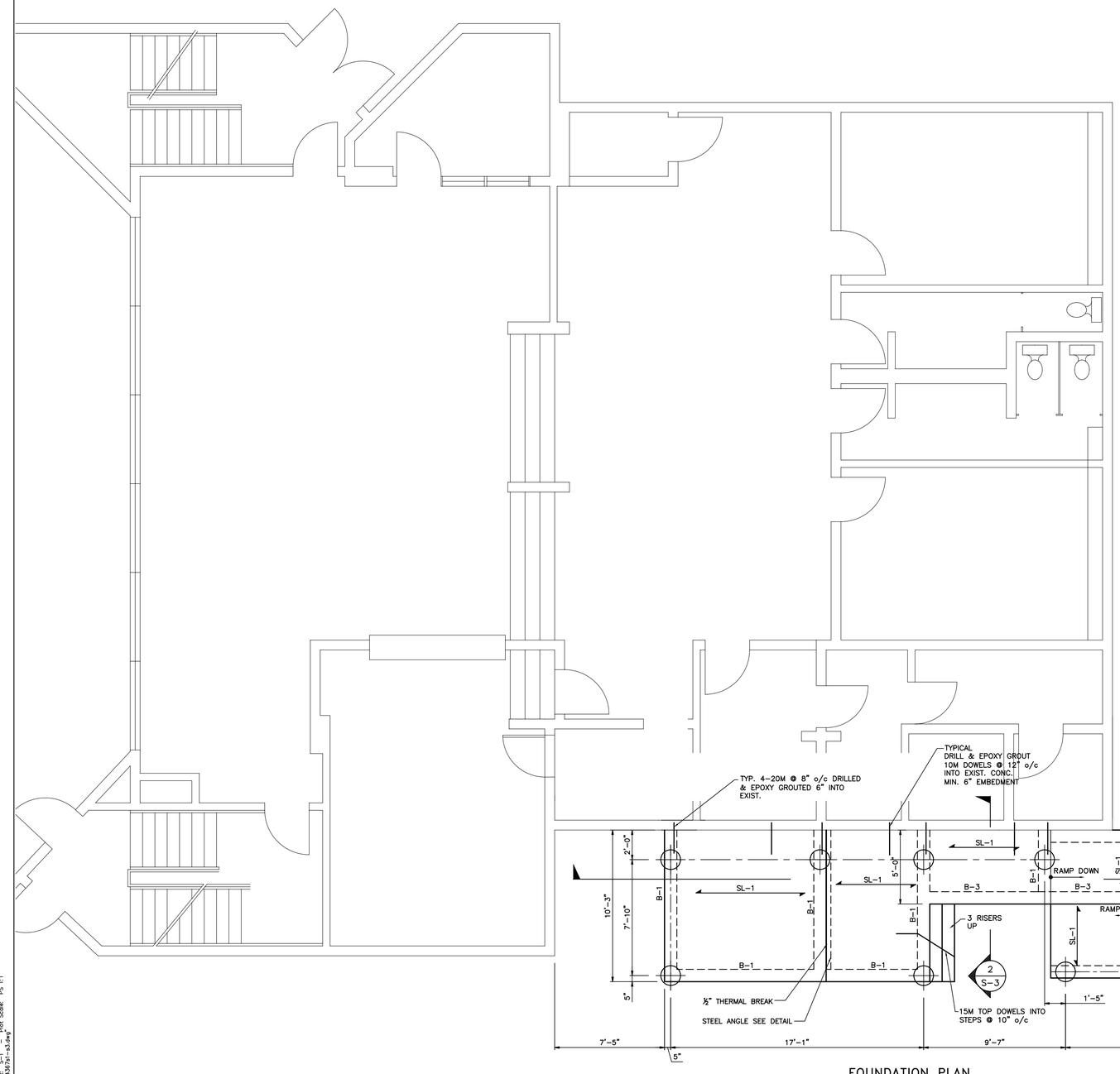

FOUNDATION PLAN

1/4" = 1'–0"

DESIGN LOADS:
LIVE LOAD = 100 PSF

SL–1
5" CONC. SLAB ON 6" CARDBOARD SHEARMAT
R/W 15M @ 12" o/c E.WAY BOTTOM
10M TOP DOWELS @ 12" o/c ALL AROUND
1½" CONT. BEARING KEY

B–1
10"x32" CONC. BM
R/W 2–20M TOP & BOTTOM
2–15M INTERMEDIATE
10M STRPS @ 16" o/c
6" VOIDFORM BELOW

B–2
10"x24" CONC. BM
R/W 2–20M TOP & BOTTOM
10M STRPS @ 16" o/c
6" VOIDFORM BELOW

B–3
10"x32" (MAX.) CONC. BM
R/W 2–20M TOP & BOTTOM
10M STRPS @ 16" o/c
6" VOIDFORM BELOW

VERIFY ALL EXISTING CONDITIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF WORK, ANY DISCREPANCIES OR CONFLICTS TO BE REPORTED TO THE ENGINEER IMMEDIATELY.

GENERAL

1. These notes are to be read in conjunction with the specifications.
2. This building has been designed in accordance with the 1995 edition of the Manitoba Building Code.
3. The contractor shall be responsible for the design and installation of all necessary shoring, bracing and formwork. Formwork for new construction shall be bridged over existing services. Procedure must be approved by the Contract Administrator
4. Any unsound structural conditions observed or created during construction are to be reported to Contract Administrator immediately.
5. Coordinate size and location of all openings in structural members with trades involved. All openings not indicated on structural drawings to be approved by Contact Administrator.
6. Confirm the location of all sub–grade services prior to commencing site work.
7. Verify all dimensions and elevations with architectural drawings prior to construction. Any discrepancies to be reported to Contract Administrator immediately. Do not scale drawings.
8. Do not backfill against structure until main floor is in place.
9. Confirm all existing conditions prior to construction. Any discrepencies or conflicts to be reported to Contract Administrator immediately.

C–I–P CONCRETE PILES

1. Cast–in–place piles are designed for an assumed skin friction of 300 PSF.
2. Concrete for cast–in–place piles shall be 32 MPa @ 28 days using Sulfate Resisting Type 50 cement, 1½" maximum size aggregate, 3½" slump and 3% to 5% air entrainment. Vibrate the top 10'–0" of each pile
3. Piles shall be no more than 2% out of plumb; and no more than 2" out of alignment.
4. Pile reinforcing shall extend a minumum of 2'–0" into pilecap or grade beam/wall.
5. Slab sub–base to be built up of 'C–Base' granular fill compacted to 95% Standard Proctor Density in maximum 8" lifts. Final lift to be 6" 'A–Base' granular fill compacted to 98% Standard Proctor Density. All compaction densities to be confirmed by an independant testing agency prior to placement of any concrete.

STRUCTURAL WOOD

1. All wood framing shall be in accordance with CSA 086.
2. All lumber shall conform to 1978 N.L.G.A. grading rules for Canadian lumber.
3. Wall studs to be minimum #2 Spruce–Pine–Fir or better U/N on drawings, kiln–dried to a maximum moisture content of 19%.
4. Joists, lintels, and built–up beams to be minimum #2 Spruce–Pine–Fir or better U/N on drawings, properly seasoned to a maximum moisture content of 19%.
5. The carpentry contractor in conjunction with the general contractor shall be responsible for supplying and installing all temporary and permanent bracing required to provide the stability of the structure.
6. All plywood sheathing to be exterior grade.
7. All wall and roof sheathing to be nailed secure in a controlled pattern as follows:
   Panel edges – 3" nails @ 6" o/c
   Internediate supports & blocking – 3" nails @ 10" o/c
8. The wood truss supplier shall be responsible for the design and supply of all roof trusses, gable end trusses, bridging and hardware required for the connections.
9. The wood truss supplier shall submit drawings bearing the seal of an engineer, registered in the Province of Manitoba for review of:
   – fabrication drawings of each truss type c/w member sizes, dimensions, and design information.
   – an erection drawing, showing the location of all truss and other information required by the contractor for the proper installation of the trusses.
10. Truss layout indicated on drawings is for diagrammatic purposes only. Actual truss layout to be determined by supplier.
11. No site modifications to be made to trusses without prior approval of supplier and Contract Administrator.
12. All repairs made to damaged trusses to be approved by supplier and Contract Administrator.
13. All built–up wood columns and post to be continuously blocked down to foundation.
14. Provide additional studs (cripples) below bearing points of built–up beams and lintels. Number of studs to equal number of plies of beam or lintel u/n.
15. Provide joist cross–bridging at intervals not exceeding 8 times the member depth.
16. Provide cont. horizontal solid blocking @ max. 4'–0" o/c vertically in all exterior stud walls.
17. Minimum lintels for stud bearing walls u/n on drawings:
   –openings up to 3'–4" use 2–2x8
   –openings up to 5'–0" use 2–2x10

no.	revision	date	by
2	NOTES REVISION	05-06-08	FDW
1	RAMP REVISION	05-02-18	FDW

revisions

seals

ORIGINAL DRAWING STAMPED BY,
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DATED 05.03.18

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project

LUXTON COMMUNITY CENTRE
Winnipeg, Manitoba

sheet title

FOUNDATION PLAN
GENERAL NOTES

project no. W04-367
scale AS NOTED
drawn by CHS
approved by FDW
date 05.02.18

sheet no.
S-1

Plotted: 05-02-18 at 10:34:09 – Layout: "S-1" – Plot Scale: "PS 1:1"
CAD file (by CHS): "C:\CADFiles\W04367\W043671-s3.dwg"