

GENERAL

1. These notes are to be read in conjunction with the specifications.
2. This building has been designed in accordance with the 2011 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 design Engineer.
4. Errors in drawings and/or specifications and/or previously unknown existing conditions shall be brought to the attention of the engineer before proceeding with the work. During the tender stage, contractor shall request an interpretation of conflicts prior to tender. If no request is made, both provisions shall be presumed to be included in the tender and the engineer shall determine which provision governs, and the contractor shall perform the work at no additional cost to the owner.
5. Any unsound structural conditions observed or created during construction are to be reported to Engineer immediately.
6. Contractor shall review, stamp, sign and date all shop drawings prior to forwarding to architect and/or engineer. The engineer's review is to be for conformance with the design concept and general compliance with the relevant contract documents. The engineer's review does not relieve the contractor of the sole responsibility to review, check and coordinate the shop drawings prior to submission. The contractor remains solely responsible for errors and omissions associated with the preparation of shop drawings as they pertain to member sizes, details, dimensions, etc..
7. Coordinate size and location of all openings in structural members with trades involved. All openings not indicated on structural drawings to be approved by Engineer.
8. Refer to Architectural, Mechanical and Electrical drawings for small openings, sleeves, recesses, depressions, sumps, trenches, curbs, housekeeping pads, equipment bases, and slopes not indicated on the structural drawings.
9. Coordinate placement and location of items by subsequent trades. Relevant trades shall review prior to erection and/or installation.
10. Confirm the location of all sub-grade services prior to commencing site work.
11. Verify all dimensions and elevations with architectural drawings prior to construction. Any discrepancies to be reported to engineer immediately. Do not scale drawings.
12. Do not backfill against structure until main floor is in place.
13. Do not exceed, during construction, design live loads shown on plans. Reduce as necessary until materials reach design strength.
14. Confirm all existing conditions prior to construction. Any discrepancies or conflicts to be reported to Engineer immediately.
15. Drawings indicate general and typical details of construction. Where conditions are not specifically shown, similar details of construction shall be used, subject to approval by the engineer.
16. Design loads as noted on plans are unfactored.

RENOVATIONS

1. General contractor to provide allowance for costs associated with confirming existing conditions, including but not limited to separate excavation for confirmation of foundation units and existing services prior to foundation installation, concrete reinforcement scanning, selective demolition, and material testing.
2. Partial or full removal of any existing basement or crawlspace concrete slabs may require additional horizontal shoring. Contractor to coordinate all necessary shoring for all directional loading conditions, and provide engineered shop drawings.
3. The existing building superstructure and foundation have been reviewed by existing document review, visual inspection and non-destructive testing, and it is our professional judgement that they can safely support all new loading conditions in accordance with part 4 of the 2011 MBC. Any areas exposed during construction where existing conditions require repair shall be addressed appropriately and made good.
4. Design loads noted are for new modifications only.

STRUCTURAL STEEL

1. All structural steel shall receive at least one coat primer to CISC/CPMA standard 1-73.
2. Use asphalt base paint (ClovaTar 22 coal tar epoxy or eq.) at columns below slab.
3. Steel supplier is responsible for design and detailing of all structural steel connections not shown on drawings.
4. All miscellaneous steel not detailed on drawings, such as; stairs, railings, awnings and non-structural architectural steel shall be detailed by the steel supplier.
5. Anchor bolts shall be supplied by structural steel supplier & set by general contractor. General contractor to supply and install 25mm non-shrink grout under all base plates unless noted.
6. All grout under bearing plates and base plates shall be non-metallic, non-shrink type with minimum 28 day compressive strength of 31 MPa, installed in accordance with the specification and manufacture's recommendations.

0	ISSUED FOR CONSTRUCTION	23/06/07	DRC
No.	REVISION	DATE	BY

<p style="text-align: center;">WOLFROM ENGINEERING LTD</p> <p style="text-align: center;">CONSULTING ENGINEERS 345 WARDLAW AVENUE WINNIPEG, CANADA R3L 0L5 (204)452-0041 FAX: 284-8680 E-Mail: info@wolfromeng.com</p>	DATE	JUNE 7, 2023		
	SCALE	AS NOTED		
JOB TITLE	FILE NO.	W21511		
<p>SEVEN OAKS POOL SIGN 444 ADSUM DRIVE WINNIPEG MANITOBA</p>	DRAWING NO.	DRAWN BY	S-0	MDT