

00 00 01 - GENERAL CONDITIONS

1. ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF AND ALL MODELS FURNISHED BY THE CONSULTANT ARE AND SHALL REMAIN HIS PROPERTY AND ARE NOT TO BE USED ON OTHER WORK. IF THE CONSULTANT SO REQUESTS, ALL SUCH DRAWINGS, SPECIFICATIONS AND MODELS, EXCEPT FOR THE SIGNED CONTRACT SET OF DRAWINGS AND

SPECIFICATIONS, SHALL BE RETURNED UPON COMPLETION OF THE WORK.

2. ALL STANDARDS, MANUALS, AND CODES REFERRED TO SHALL BE THE LATEST EDITIONS INCLUDING ALL REVISIONS AND ADDENDA.

- ALL WORK AND MATERIALS SHALL CONFORM TO REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE.
- ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT OF ONTARIO
- THE CONTRACTOR SHALL EXAMINE ALL DRAWINGS BEFORE PROCEEDING WITH THE WORK. ANY DISCREPANCY IN DIMENSIONS SHOWN ARE TO REPORTED TO THE ENGINEER. REFER TO THE MECHANICAL AND ELECTRICAL FOR LOCATIONS AND SIZES NOT SHOWN ON THE STRUCTURAL DRAWINGS, HOWEVER, OBTAIN THE STRUCTURAL CONSULTANTS PRIOR APPROVAL BEFORE INSTALLING OPENINGS.
- 6. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS AND SIZES OF PITS, BASES, HOUSE KEEPING PADS, SUMPS, TRENCHES, DEPRESSIONS, GROOVES, CURBS, CHAMFERS AND SLOPES NOT SHOWN ON ARCHITECTURAL DRAWINGS.
- TEMPORARY WORKS: PROVIDE AND MAINTAIN REQUIRED BARRICADES, GUARDS, FENCING, SHORING, TEMPORARY ROADWAYS, FOOTPATHS, SIGNS, LIGHTING AND TRAFFIC FLAGGING. DO NOT DAMAGE PROPERTY WHICH IS TO REMAIN ON OR ADJACENT TO THE SITE, INCLUDING ADJOINING PROPERTY ENCROACHING ONTO THE SITE. IF DAMAGE OCCURS,
- IMMEDIATELY REPAIR IT AT THE CONTRACTORS COST. . BEFORE PRACTICAL COMPLETION, CLEAN THROUGHOUT, INCLUDING INTERIOR AND EXTERIOR SURFACES EXPOSED TO VIEW. CLEAN SOFT AND HARD SURFACES. CLEAN AND
- REMOVE WASTE AND SURPLUS MATERIALS 10. BEFORE PRACTICAL COMPLETION, CLEAN AND REPAIR DAMAGE CAUSED BY INSTALLATION OR USE OF TEMPORARY WORK AND RESTORE EXISTING FACILITIES USED DURING
- CONSTRUCTION TO ORIGINAL CONDITION
- 11. ALL WASTE MATERIAL TO BE SORTED AND RECYCLED/DISPOSED OF OFF SITE AT AN APPROVED WASTE MANAGEMENT FACILITY
- 12. NO BURNING OF ANY MATERIALS ON SITE SHALL BE PERMITTED AT ANY TIME.

- REVIEW SUBMITTALS PRIOR TO SUBMISSION TO CONSULTANT. THIS REVIEW REPRESENTS THAT NECESSARY REQUIREMENTS HAVE BEEN DETERMINED AND VERIFIED, OR WILL BE, AND THAT EACH SUBMITTAL HAS BEEN CHECKED AND CO-ORDINATED WITH REQUIREMENTS OF WORK AND CONTRACT DOCUMENTS. SUBMITTALS NOT STAMPED, SIGNED, DATED AND IDENTIFIED AS TO SPECIFIC PROJECT WILL BE RETURNED WITHOUT BEING EXAMINED AND CONSIDERED REJECTED.
- VERIFY FIELD MEASUREMENTS AND AFFECTED ADJACENT WORK ARE CO-ORDINATED. THE TERM "SHOP DRAWINGS" MEANS DRAWINGS, DIAGRAMS, ILLUSTRATIONS, SCHEDULES, PERFORMANCE CHARTS, BROCHURES AND OTHER DATA WHICH ARE TO BE PROVIDED
- BY CONTRACTOR TO ILLUSTRATE DETAILS OF A PORTION OF WORK. WHERE COMPONENT REQUIRES ENGINEERING, SUBMIT DRAWINGS STAMPED AND SIGNED BY PROFESSIONAL ENGINEER LICENSED IN ONTARIO.
- INDICATE MATERIALS, METHODS OF CONSTRUCTION AND ATTACHMENT OR ANCHORAGE, ERECTION DIAGRAMS, CONNECTIONS, EXPLANATORY NOTES AND OTHER INFORMATION NECESSARY FOR COMPLETION OF WORK. WHERE ARTICLES OR EQUIPMENT ATTACH OR CONNECT TO OTHER ARTICLES OR EQUIPMENT, INDICATE THAT SUCH ITEMS HAVE BEEN CO-ORDINATED, REGARDLESS OF SECTION UNDER WHICH ADJACENT ITEMS WILL BE SUPPLIED AND INSTALLED. INDICATE CROSS REFERENCES TO DESIGN DRAWINGS AND SPECIFICATIONS. ALLOW 7 DAYS FOR CONSULTANT TO REVIEW SUBMITTALS.
- ADJUSTMENTS MADE ON SHOP DRAWINGS BY CONSULTANT ARE NOT INTENDED TO CHANGE CONTRACT PRICE. IF ADJUSTMENTS AFFECT VALUE OF WORK, STATE SUCH IN WRITING TO CONSULTANT PRIOR TO PROCEEDING WITH WORK.
- 8. MAKE CHANGES IN SHOP DRAWINGS AS CONSULTANT MAY REQUIRE, CONSISTENT WITH CONTRACT DOCUMENTS. WHEN RESUBMITTING, NOTIFY CONSULTANT IN WRITING OF REVISIONS
- OTHER THAN THOSE REQUESTED. 9. ACCOMPANY SUBMISSIONS WITH TRANSMITTAL LETTER, CONTAINING:
- b. PROJECT TITLE AND NUMBER.
- CONTRACTOR'S NAME AND ADDRESS
- IDENTIFICATION AND QUANTITY OF EACH SHOP DRAWING, PRODUCT DATA AND SAMPLE.
- 10. SUBMISSION TO INCLUDE DETAILS OF APPROPRIATE PORTIONS OF WORK AS APPLICABLE
- LAYOUT, SHOWING DIMENSIONS, INCLUDING IDENTIFIED FIELD DIMENSIONS, AND CLEARANCES. SETTING OR ERECTION DETAILS.
- PERFORMANCE CHARACTERISTICS.
- OPERATING WEIGHT WIRING DIAGRAMS
- 11. SUBMIT SAMPLES FOR REVIEW SAMPLES AS REQUESTED IN RESPECTIVE SPECIFICATION SECTIONS. LABEL SAMPLES WITH ORIGIN AND INTENDED USE. 12. WHERE COLOUR, PATTERN OR TEXTURE IS CRITERION, SUBMIT FULL RANGE OF SAMPLES. REVIEWED AND ACCEPTED SAMPLES WILL BECOME STANDARD OF WORKMANSHIP AND
- MATERIAL AGAINST WHICH INSTALLED WORK WILL BE VERIFIED

# 01 45 00 - QUALITY CONTROL

- ALLOW CONSULTANT AND INDEPENDENT INSPECTION AGENCIES ACCESS TO WORK. IF PART OF WORK IS IN PREPARATION AT LOCATIONS OTHER THAN PLACE OF WORK, ALLOW ACCESS TO
- GIVE TIMELY NOTICE REQUESTING INSPECTION IF WORK WHERE DESIGNATED. (MINIMUM OF 48 HOURS)
- IF CONTRACTOR COVERS OR PERMITS TO BE COVERED WORK THAT HAS BEEN DESIGNATED FOR SPECIAL TESTS, INSPECTIONS OR APPROVALS BEFORE SUCH IS MADE, UNCOVER SUCH
- WORK, HAVE INSPECTIONS OR TESTS SATISFACTORILY COMPLETED AND MAKE GOOD SUCH WORK. 4. CONSULTANT MAY ORDER ANY PART OF WORK TO BE EXAMINED IF WORK IS SUSPECTED NOT TO BE IN ACCORDANCE WITH CONTRACT DOCUMENTS. IF, UPON EXAMINATION SUCH WORK IS FOUND NOT IN ACCORDANCE WITH CONTRACT DOCUMENTS, CORRECT SUCH WORK AND PAY COST OF EXAMINATION AND CORRECTION

- PREVENT MOVEMENT, SETTLEMENT, OR OTHER DAMAGE TO ADJACENT STRUCTURES, UTILITIES, AND PARTS OF BUILDING TO REMAIN IN PLACE. PROVIDE ENGINEERED BRACING AND SHORING AS REQUIRED
- PROVIDE REQUIRED SIGNAGE, BARRICADES, HOARDING, OVERHEAD PROTECTION AND TEMPORARY EGRESS IN ACCORDANCE WITH OCCUPATIONAL HEALTH AND SAFETY ACT. SUPPORT AFFECTED STRUCTURE OR BUILDING COMPONENTS AND IF SAFETY OF STRUCTURE BEING DEMOLISHED OR ADJACENT STRUCTURES OR SERVICES APPEARS TO BE
- ENDANGERED, TAKE PREVENTATIVE MEASURES AND THEN CEASE OPERATIONS AND NOTIFY CONSULTANT IMMEDIATELY. DO NOT PUMP WATER CONTAINING SUSPENDED MATERIALS INTO WATERCOURSES, STORM OR SANITARY SEWERS, OR ONTO ADJACENT PROPERTIES
- REMOVE PARTS OF EXISTING STRUCTURE TO PERMIT REPAIRS OR NEW CONSTRUCTION. SORT MATERIALS INTO APPROPRIATE PILES FOR RECYCLING AND OR REUSE.
- WHERE TEMPORARY SHORING IS REQUIRED, THE CONTRACTOR SHALL SUBMIT A SHORING DRAWING WHICH HAS BEEN DESIGNED AND BEARS THE SEAL OF AN ENGINEER WHO IS LICENSED BY THE PROFESSIONAL ENGINEERING ASSOCIATION OF ONTARIO.
- UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS, NO PROVISION HAS BEEN MADE FOR IN THE DESIGN FOR CONDITIONS OCCURRING DURING CONSTRUCTION. THE CONTRACTOR IS TO PROVIDE ALL NECESSARY BRACINGS AND SHORING REQUIRED FOR STRESSES AND INSTABILITY OCCURRING FROM ANY CAUSE DURING CONSTRUCTION.
- 6. DESIGN LOADS SHOWN ON DRAWINGS WITH SUBSCRIPT "ULS" INDICATES ULTIMATE LIMIT STATE AND "SLS" SERVICE LIMIT STATE RESPECTIVELY

- 02 41 23 SELECTIVE SITE DEMOLITION

  1. LOCATE AND PROTECT UTILITIES. PRESERVE ACTIVE UTILITIES TRAVERSING SITE IN OPERATING CONDITION.
- 2. RESTORE AREAS AND EXISTING WORKS OUTSIDE AREAS OF DEMOLITION TO A MINIMUM CONDITION AS THAT WHICH EXISTED PRIOR TO THE BEGINNING OF WORK.

- 07 21 35 INSULATION AND AIR/VAPOUR BARRIER
  1. THE DRAWINGS DO NOT INDICATE EVERY SITUATION WHERE AIR/VAPOUR BARRIER IS REQUIRED, HOWEVER IT IS A REQUIREMENT IN THE DESIGN OF THE BUILDING TO PROVIDE AN INTEGRAL MONOLITHIC IMPERMEABLE AIR/VAPOUR BARRIER THAT RESISTS THE DIFFUSION OF WATER VAPOUR AND AIR MOVEMENT UNDER THE ACTION OF A DIFFERENCE IN VAPOUR
- AND AIR PRESSURE, AT THE INNER FACE OF THE INSULATION.

  2. EXERCISE EXTREME CARE THAT THE CONTINUITY OF THE AIR/VAPOUR BARRIER IS MAINTAINED OVER THE ENTIRE INSULATED AREA AND THAT IS EXTENDS ACROSS ALL
- JUNCTIONS BETWEEN DIFFERENT MATERIALS.
- POLY SHEET VAPOUR BARRIER: 6 MIL POLYETHYLENE FILM. SEAL ALL JOINTS TO ENSURE CONTINUOUS BARRIER. AIR BARRIER: BLUESKIN VP160 OR APPROVED EQUIVALENT C/W TAPE TO SEAL JOINTS.
- SOUND INSULATION: STONE WOOL BATT INSULATION.
- a. BELOW GRADE: EXTRUDED POLYSTYRENE, HIGH DENSITY. OWENS CORNING FOAMULAR 600 50 MM THICK UNLESS NOTED OTHERWISE ON DRAWINGS, OR APPROVED EQUAL 7. WALL LAMINATED FACED INSULATION AND INSTALLATION SYSTEM FOR METAL BUILDINGS; WMP-50 OR APPROVED EQUAL [FLAME SPREAD :15, SMOKE DEVELOPED: 45(WORST CASE),
- a. FABRIC SHALL BE TRI-DIRECTIONAL CROSS-WOVEN, FIBERGLASS/POLYESTER REINFORCED HIGH-DENSITY POLYETHYLENE YARNS COATED ON BOTH SIDES WITH A CONTINUOUS WHITE
- FILM. THE MATERIAL SHALL BE MANUFACTURED IN CUSTOM ROLLS TO FIT THE BUILDING'S SECONDARY STEEL LAYOUT AND ALLOW FOR RAPID INSTALLATION. b. STORE PRODUCTS IN MANUFACTURER'S UNOPENED PACKAGING ELEVATED ABOVE GROUND OR SLAB. PREFERABLY ON A FLAT SURFACE. TO PREVENT CONTACT WITH SURFACE WATER
- UNTIL READY FOR INSTALLATION.
- SYSTEM SHALL PROVIDE A CONTINUOUS TAPED VAPOR RETARDER TO REDUCE INTERIOR CONDENSATION. TAB STAPLING AS PART OF THE VAPOR RETARDER IS NOT ACCEPTABLE. d. SYSTEM SHALL PROVIDE A SMOOTH SEAMLESS APPEARANCE
- e. SYSTEM SHALL POSITION AND APPLY THE FACING TO A PRESET DROOP DEPTH TO ALLOW THE INSULATION TO EXPAND FULLY TO ACHIEVE MAXIMUM THERMAL PERFORMANCE.
  APPLY THROUGH-WALL AND DAMP-PROOF FLASHINGS AT ALL NEW PENETRATIONS THROUGH EXTERIOR BUILDING ENVELOPE.
- 9. ENSURE THE CONTINUITY OF THE INSULATION AND AIR/VAPOUR BARRIERS WHERE SUCH ITEMS PROJECT THROUGH THE BARRIERS. ALLOW FOR EXPANSION AND CONTRACTION AND LINEAR MOVEMENT OF THESE ITEMS.

- EXAMINE THE DRAWINGS AND SITE TO DETERMINE THE EXTENT OF THE WORK INVOLVED, TOGETHER WITH OTHER DATA AFFECTING THE WORK
- EXTERIOR METAL CLADDING: 0.46MM (26 GAUGE) (OR PER ASSEMBLY) PREFINISHED METAL PROFILE.
  - INTERIOR METAL LINER: 0.46MM (26 GAUGE) (OR PER ASSEMBLY) CHANNEL WALL AS MANUFACTURED BY VICWEST STEEL OR AN APPROVED EQ. COLOUR PER OWNER
- EXPOSED FASTENERS FOR METAL CLADDING, LINERS OR FLASHINGS: METAL WOOD SCREWS, 1/4" HEX HEAD WITH COLOUR MATCHED NYLON COATING, C/W WITH ATTACHED NEOPRENE WASHER. LENGTH TO SUIT SUBSTRATE
- 5. TRANSITIONS, FLASHINGS AND TERMINATION PROFILES SHALL BE INCLUDED TO PROVIDE A WEATHERTIGHT SYSTEM.

- 07 62 00 SHEET METAL FLASHINGS AND TRIM
  1. PROVIDE SELF ADHERING BLUESKIN TWF OR APPROVED EQUAL AT ALL PENETRATIONS THROUGH EXTERIOR BUILDING ENVELOPE. WRAP FROM INTERIOR TO EXTERIOR PROVIDING SHINGLE EFFECT TO EXTERIOR ELEMENTS
- PROVIDE DRIP FLASHINGS, CAP FLASHINGS, TRANSITION FLASHINGS, TERMINATION FLASHINGS, ETC FOR EACH CONDITION ENCOUNTERED
- 3. FLASHINGS TO BE A MIN. 22 GAUGE.

- PROVIDE JOINT SEALANTS AT ALL EXTERIOR CONDITIONS WHERE BUILDING ENVELOPE TRANSITIONS EXIST.
- EXTERIOR: SINGLE COMPONENT URETHANE, COLOUR MATCHED. PREPARE SURFACES IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.
- STEEL: COMMERCIAL GRADE STEEL TO ASTM A568, CLASS 1, WIPED COAT GALVANIZED TO ASTM A527, COATING DESIGNATION ASTM A525, ZF75.
- MINIMUM BASE STEEL THICKNESS IN ACCORDANCE WITH CSDMA TABLE 1 THICKNESS FOR COMPONENT PARTS.
- INTERIOR DOOR CORE: HONEYCOMB STRUCTURAL CORE CONSISTING OF KRAFT PAPER WITH 19 MM CELLS X CORE THICKNESS. EXTERIOR DOOR CORE: RIGID. MODIFIED POLYISOCYANURATE, CLOSED CELL BOARD, DENSITY: 32 KG/M3 (2.0 PCF).

- 08 71 00 DOOR HARDWARE

  1. ALL DOOR HARDWARE TO BE STANDARD INDUSTRIAL GRADE, C/W HANDLES AND EXIT DEVICES AS REQUIRED. PROVIDE CUT SHEETS FOR OWNER AND CONSULTANT REVIEW.
- PROVIDE INDUSTRIAL GRADE LOCKSETS PER OWNER'S REQUIREMENTS.

NON-LOAD BEARING CHANNEL STUD FRAMING: TO ASTM C645, 0.64 MM THICKNESS HOT DIPPED ZINC-COATED (GALVANIZED) STEEL SHEET.

- KNOCK-OUT SERVICE HOLES AT 460 MM CENTRES
- SLOTTED DEFLECTION TRACK WHERE WALLS EXIST BELOW STRUCTURAL MEMBERS. PREMANUFACTURED SLOTTED TOP RUNNER WITH 63 MM DOWN STANDING LEGS AND HAVING 6 MM WIDE X 38 MM HIGH SLOTS SPACED AT 25 MM ON CENTRE ALONG LENGTH OF RUNNER; TESTED AND CERTIFIED FOR USE IN FIRE RATED WALL CONSTRUCTION.
- FLOOR TRACK: SNAP-IN TYPE FORMED TO HOLD STUDS SECURELY IN PLACE AT 50 MM INTERVALS; FABRICATED FROM 0.64 MM THICK STEEL SHEET; SIZE TO SUIT STUDS RESILIENT FURRING CHANNELS: 0.46 MM THICKNESS X 13 MM DEEP MEMBERS DESIGNED TO REDUCE SOUND TRANSMISSION HAVING ASYMMETRICAL FACE ATTACHED TO SINGLE FLANGE BY A SLOTTED LEG (WEB). INSTALL FURRING CHANNELS AT 600MM HORIZONTALLY ON CENTRE.

- 09 91 10 PAINTING
  1. PERFORM NO PAINTING WORK UNLESS ADEQUATE AND CONTINUOUS VENTILATION AND SUFFICIENT HEATING FACILITIES ARE IN PLACE TO MAINTAIN AMBIENT AIR AND SUBSTRATE TEMPERATURES ABOVE 10C FOR 24 HOURS BEFORE, DURING AND AFTER PAINT APPLICATION UNTIL PAINT HAS CURED SUFFICIENTLY, BUT IN NO CASE UNDER CONDITIONS NOT OUTLINED IN MANUFACTURER PAINTED INSTRUCTIONS.
- 2. APPLY PAINT FINISH ONLY IN AREAS WHERE DUST IS NO LONGER BEING GENERATED BY RELATED CONSTRUCTION OPERATIONS OR WHEN WIND OR VENTILATION CONDITIONS ARE SUCH THAT AIRBORNE PARTICLES WILL NOT AFFECT QUALITY OF FINISHED SURFACE.
- PROVIDE FIELD SAMPLE PANEL, 4 FEET LONG BY 3 FEET WIDE, ILLUSTRATING SPECIAL COATING COLOR, TEXTURE, AND FINISH. LOCATE WHERE DIRECTED.
- ACCEPTED SAMPLE MAY REMAIN AS PART OF THE WORK MEASURE MOISTURE CONTENT OF SURFACES USING AN ELECTRONIC MOISTURE METER. DO NOT APPLY FINISHES UNLESS MOISTURE CONTENT OF SURFACES ARE BELOW THE FOLLOWING MAXIMUMS:
- a. MASONRY, CONCRETE, AND CONCRETE UNIT MASONRY: 12 PERCENT.
- b. CONCRETE FLOORS: 8 PERCENT.

## 10 14 19 - SIGNAGE

- PROVIDE NEW SIGNAGE AS FOLLOWS: SIGN INDICATIING LOCATION OF FIRE EXTINGUISHER AT EACH LOCATION.
- EXIT SIGNAGE PER OBC/FIRE CODE REGULATIONS INDICATING EACH EXTERIOR EXIT, BARRIER FREE EXITS TO BE CLEARLY IDENTIFIED.

1. FIXTURES SHALL BE DESIGNED AND INSTALLED SO THAT THE LIGHT IS DIRECTED DOWNWARD AND DEFLECTED AWAY FROM ADJACENT LOTS, ROADS AND STREETS

31 21 15 - EXCAVATION, TRENCHING AND BACKFILLING

## EXCAVATE FOR SEWERS, ELECTRICAL AND PLUMBING TO PROVIDE MINIMUM SLOPES AND COVERAGES AS IDENTIFIED ON DRAWINGS OR REQUIRED BY OHSA.

- EXCAVATION MUST NOT INTERFERE WITH NORMAL 45° SPLAY OF BEARING FROM BOTTOM OF ANY FOOTING. THE CONTRACTOR SHALL NOT ALLOW THE SIDES OF THE EXCAVATION TO BECOME UNSAFE AND SHALL PROVIDE, PLACE AND MAINTAIN SUCH SHEETING,
- STRUTS, WALING, ETC. AS ARE NECESSARY FOR SAFETY. IF THE SOIL IS UNSUITABLE FOR BACKFILL, THE CONTRACTOR SHALL DISPOSE OF IT IN AN APPROVED MANNER. PROVIDE GRANULAR A FILL COMPACTED TO 98% SPMMD. AREAS TO BE BACKFILLED TO BE FREE FROM DEBRIS, SNOW, ICE, WATER AND FROZEN GROUND, AND/OR OTHER DELETERIOUS MATERIAL.

The contractor is to verify all dimensions and report discrepencies to the engineer before commencing with the work

14	SITE PLAN AGREEMENT	2025-04-08
13	CO-ORD	2025-04-07
12	PRELIM/CLIENT REVIEW	2025-03-11
11	PRELIM/CLIENT REVIEW	2025-02-27
10	CLIENT REVIEW	2025-01-23
9	PERMIT REV.	2024.03.06
8	CIVIL CO-ORD	2024.02.16
7	CIVIL CO-ORD	2024.02.14
6	CIVIL CO-ORD	2024.01.22
5	PERMIT	2023.08.30
4	PERMIT	2023.08.29
3	CLIENT REVIEW/CO-ORD	2023.08.22
2	CLIENT REVIEW	2023.08.02
1	CLIENT REVIEW	2023.07.26
NO.	DESCRIPTION	YYYY.MM.DD
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REVISION SCHEDULE





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25 Saunders Rd. - Unit 1, Barrie, ON, L4N 9A7

F: 705.797.0030

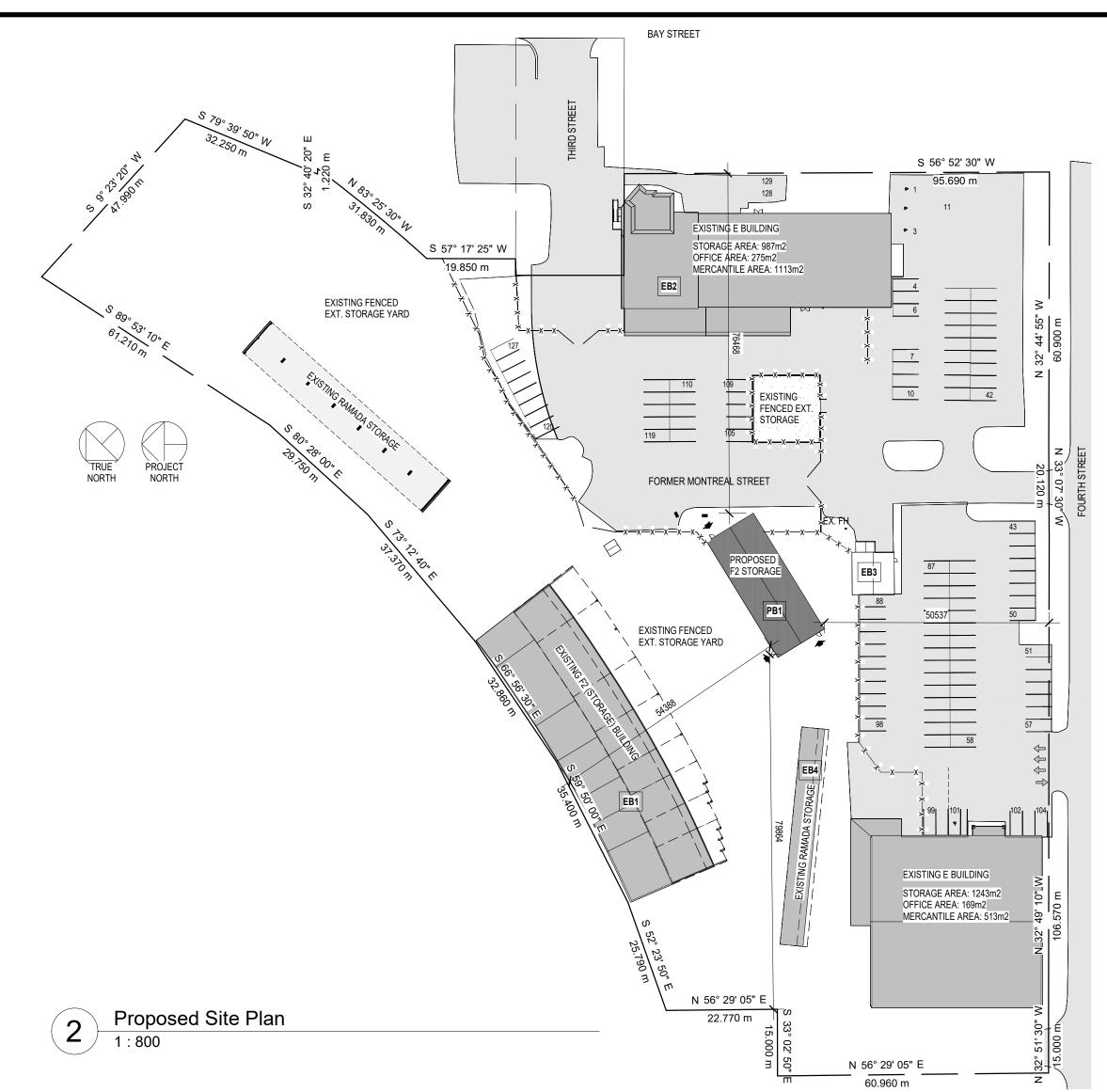


HOME HARDWARE 159 STORAGE BUILDING,

199 FOURTH STREET, MIDLAND, ON.

PERSPECTIVE AND GENERAL NOTES

DRAWN	CHECKED	YYYY.MM.DD	SCALE
DCL	RMS	2023.07.18	1:24
PROJECT	NO.		DRAWING NO.
23.0	43		S1.0



SITE DATA/ZONING BY-LAW MATRIX - ZONE GI (GENERAL INDUSTRIAL)										
ITEM	REQ'D	PROPOSED	COMMENTS							
LOT AREA	3000m2	27734m2 (EXISTING)	NO CHANGE							
LOT FRONTAGE	30m	202.6m (EXISTING)	NO CHANGE							
FRONT YARD SETBACK	7.5m	EXISTING - 1.35m PROP BUILDING - 50.8	NO CHANGE							
REAR YARD SETBACK	3.3m	EXISTING3m PROP BUILDING - 53.9	NO CHANGE							
SIDE YARD SETBACK	0m INT. 4.5 EXT.	EXISTING - 0m PROP BUILDING - 76.6	NO CHANGE							
LOT COVERAGE	50% MAX.	20.9%								
BUILDING HEIGHT	11m	8.5m (EX.)	NO CHANGE							
PARKING REQ'D	126 SPACES	129 SPACES (INCL. 4 B.FREE PER O.REG 191/11)	RETAIL:5/90m <sup>2</sup> = (1626/90)x5 = 90.3 OFFICE:1/46m <sup>2</sup> = 444/46 = 9.7 WAREHOUSING:1/100m <sup>2</sup> = 2602/100 = (WAREHOUSING AREA ONLY INCLUDI NEW STORAGE BUILDING AND WAREHOUSE SPACE IN RETAIL BUILDINGS)							

SITE PLAN AGREEMENT	2025-04-08
CO-ORD	2025-04-07
PRELIM/CLIENT REVIEW	2025-03-11
PRELIM/CLIENT REVIEW	2025-02-27
CLIENT REVIEW	2025-01-23
PERMIT REV.	2024.03.06
CIVIL CO-ORD	2024.02.16
CIVIL CO-ORD	2024.02.14
CIVIL CO-ORD	2024.01.22
PERMIT	2023.08.30
PERMIT	2023.08.29
CLIENT REVIEW/CO-ORD	2023.08.22
CLIENT REVIEW	2023.08.02
CLIENT REVIEW	2023.07.26
DESCRIPTION	YYYY.MM.DD
	CO-ORD  PRELIM/CLIENT REVIEW  PRELIM/CLIENT REVIEW  CLIENT REVIEW  PERMIT REV.  CIVIL CO-ORD  CIVIL CO-ORD  CIVIL CO-ORD  PERMIT  PERMIT  CLIENT REVIEW/CO-ORD  CLIENT REVIEW  CLIENT REVIEW

REVISION SCHEDULE



STIEMER ENGINEERING INC
25 Saunders Rd. - Unit 1, Barrie, ON, L4N 9A7
P: 705.797.0042 F: 705.797.0030

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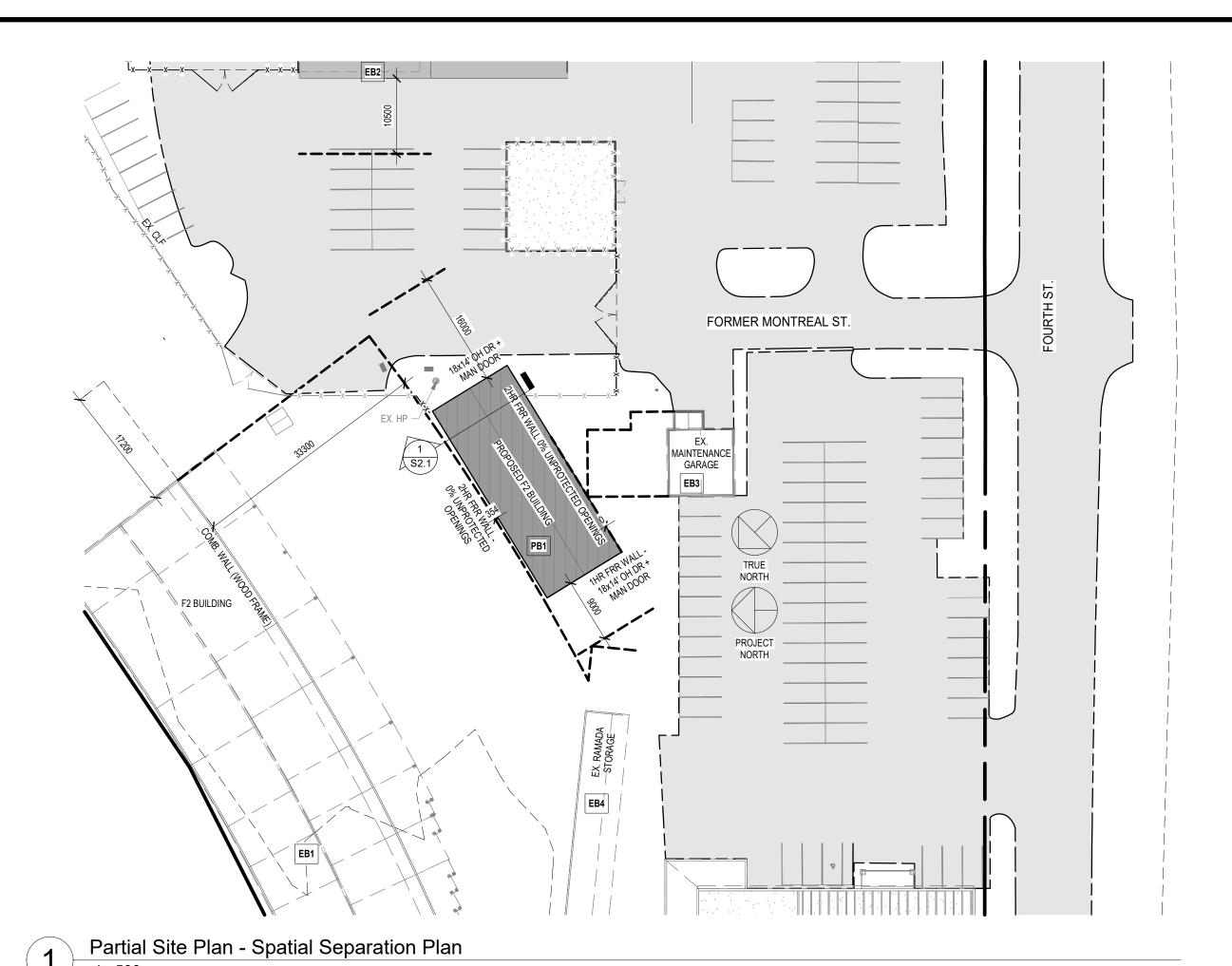


HOME HARDWARE 159 STORAGE BUILDING,

199 FOURTH STREET, MIDLAND, ON.

PROPOSED SITE PLAN

DRAWN	CHECKED	YYYY.MM.DD	SCALE
DCL	RMS	2023.07.18	As indicated
PROJECT	NO.		DRAWING NO.
23.0	43		S1.1



13       CO-ORD       2025-04-0         12       PRELIM/CLIENT REVIEW       2025-03-1         11       PRELIM/CLIENT REVIEW       2025-02-2         10       CLIENT REVIEW       2025-01-2			
12       PRELIM/CLIENT REVIEW       2025-03-1         11       PRELIM/CLIENT REVIEW       2025-02-2         10       CLIENT REVIEW       2025-01-2	14	SITE PLAN AGREEMENT	2025-04-08
11         PRELIM/CLIENT REVIEW         2025-02-2           10         CLIENT REVIEW         2025-01-2	13	CO-ORD	2025-04-07
10 CLIENT REVIEW 2025-01-2	12	PRELIM/CLIENT REVIEW	2025-03-11
	11	PRELIM/CLIENT REVIEW	2025-02-27
NO. DESCRIPTION YYYY.MM.DI	10	CLIENT REVIEW	2025-01-23
	NO.	DESCRIPTION	YYYY.MM.DD

REVISION SCHEDULE





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HOME HARDWARE 159 STORAGE BUILDING,

199 FOURTH STREET, MIDLAND, ON.

PARTIAL SITE PLAN

DRAWN	CHECKED	YYYY.MM.DD	SCALE
DCL	RMS	2023.07.18	1:500
PROJECT	NO.		DRAWING NO.
23.0	143		S1.1a

	NAME OF PROJECT:  EXISTING HARDWARE STORE BUILDING, EB2 FOURTH STREET, MIDLAND, ON											
ITEM			OBC RE	FEREN	Œ							
2.	PROJECT DES	CRIPTION: E		PAR	RT 3	PART						
3.	MAJOR OCCUP	PANCY(S): E	HARDW	ARE STORE						3.1.2.1.(	1)	9.10.2
4.	BUILDING ARE	EA (M2)			EXISTING: 15	64 NEW	<i>I</i> : 0	TOTA	AL: 1564	1.1.3.2		1.1.3.2
5.	GROSS AREA	(M2)			EXISTING: 16	42 NEW	<i>I</i> : 0	TOTA	AL: 1642	1.1.3.2		1.1.3.2
6.	NUMBER OF S	TOREYS			ABOVE GRAD	DE:1 BELO	OW GRADE	:1		3.2.1.1 8	k 1.1.3.2	2.1.1.3
7.	NUMBER OF S	TREETS/FIRE	FIGHTER	R ACCESS:	1 STREET AC	CESS				3.2.2.10	& 3.2.5	9.10.19
8.	BUILDING CLA	SSIFICATION			DIVISION B, F	PART 3 - 3.2.2	1.62			3.2.2.20	83	9.10.4
9.	SPRINKLER SY			E BUILDING MENT ONLY		IN LIEU OF RO RATING NOT REQUIRI		3.2.2.20 3.2.1.5 3.2.2.17	83	9.10.8		
10.	STANDPIPE RE	EQUIRED			YES			NO		3.2.5.7		N/A
11.	FIRE ALARM R	EQUIRED			YES			NO		3.2.4		9.10.17.2
12.	WATER SERVI	CE/SUPPLY I	S ADEQU	ATE	YES			NO		3.2.5.7		N/A
13.	HIGH BUILDING YES NO							3.2.6		N/A		
14.	PERMITTED CONSTRUCTION COMBUSTIBLE NON-COMBUSTIBLE BOTH  ACTUAL CONSTRUCTION COMBUSTIBLE NON-COMBUSTIBLE BOTH									3.2.2.20-83.		9.10.6
17.	HAZARDOUS SUBSTANCES YES NO											9.10.1.3(4)
18.	REQUIRED FIR		НО	RIZONTAL <i>F</i>	ASSEMBLY F.R.R.	(HOURS)		TED DESIGN I		3.2.2.20	-83.	9.10.8
	(F.R.R.)			RS : 45 MINS			OBC SB-2	,	•	3.2.1.4	3.2.1.4	
40	ODATIAL OFDA	DATION F/F			ZZANINES: N/A					0.00		0.40.44
19.	SPATIAL SEPA			,	1		T		I	3.2.3	ALLO	9.10.14 WABLE
	WALL	AREA OF EBF (m²)	LIMIT DIST. (m)	L/H OR H/L	PROPOSED % OF OPENINGS	ALLOW % OF OPEN	(COMB. (	OR NON)	F.R.R.	1	CLAD (COM	DING B. OR NON)
	WEST 1 (F3)	70	10.5	3.9	35 (24.5m2)	100	ALLOW BOTH	PROVIDED COMB	REQ'D	PROVIDED -	ALLOV BOTH	/ PROVIDE
	WEST 2 (E)	91	10.5	10.1	9.9 (9m2)	100	вотн	COMB	-	-	вотн	COMB
		,	RIVE SHE	ED, <b>EB1</b>								
ITEM			ONT	ARIO BUILE	DING CODE DATA	MATRIX PAF	RTS 3 & 9			OBC RE	FEREN	E
2.	PROJECT DES	CRIPTION: E	KSTING B	UILDING						PAR	RT 3	PART
3.	MAJOR OCCUP	PANCY(S): F2	STORAG	E						3.1.2.1.(	1)	9.10.2
19.	SPATIAL SEPA	ARATION - F2	BUILDING	} 						3.2.3		9.10.14
	WALL	AREA OF EBF (m²)	LIMIT DIST. (m)	L/H OR H/L	PROPOSED % OF OPENINGS	ALLOW % OF OPEN		CONSTR. (COMB. OR NON)			CLAD	WABLE DING B. OR NON)
	SOUTH	400	33.3	13.3	10	100	ALLOW BOTH	PROVIDED COMB		PROVIDED -	ALLOV	/ PROVIDE
									l -		l -	

	NAME OF F EXISTING I FOURTH S' MIDLAND, I	MAINTENAN TREET,	CE GARA	GE, <b>EB3</b>								
ITEM	ONTARIO BUILDING CODE DATA MATRIX PARTS 3 & 9 OBC REFERENCE											
2.	PROJECT DESCRIPTION: EXSTING BUILDING PART 9											
3.	MAJOR OCCUPANCY(S): F2 MAINTENANCE GARAGE  3.1.2.1.(1) 9.10.2											
19.	SPATIAL SEPARATION - F2 BUILDING 3.2.3 9.10.14										9.10.14	
	WALL		PROPOSED % OF OPENINGS		CONSTR. (COMB. OR NON)			ALLOWABLE CLADDING (COMB. OR NON)		NG		
			,				ALLOW	PROVIDED	REQ'D	PROVIDED	ALLOW	PROVIDE
	NORTH LARGE	42.2	11.2	2	0	100	вотн	COMB	-	-	-	-
	NORTH SMALL	9.34	6	1.5	0	100	вотн	COMB	-	-	-	-

	PROPOSED FOURTH ST MIDLAND, O		BUILDING	G (UNHEATE	ED), PE	B1									
ITEM			ONT	ARIO BUILD	ING CC	DDE DATA	MATRIX PART	S 3 & 9			OBC RE	OBC REFERENCE			
2.	PROJECT DESC	RIPTION:						NEW		PART 11	PAR	RT 3	PART		
					CHAN	GE OF US	SE	ADDITI	11.1	TO 11.4	2.1.1		2.1.1 9.10.1.3		
3.	MAJOR OCCUPA	ANCY(S): F2									3.1.2.1.(	1)	9.10.2		
4.	BUILDING AREA	(M2)	E	EXISTING: 0			NEW: 372m2		TO	ΓAL: 372m2	1.1.3.2		1.1.3.2		
5.	GROSS AREA (N	M2)	E	EXISTING: 0			NEW: 372m2		TO	ΓAL: 372m2	1.1.3.2		1.1.3.2		
6.	NUMBER OF ST	OREYS			ABC	OVE GRAD	DE:1 BELO	N GRADE	: 0		3.2.1.1 8	1.1.3.2	2.1.1.3		
7.	NUMBER OF ST	REETS/FIRE	FIGHTER	R ACCESS:	1 ST	TREET AC	CESS				3.2.2.10	& 3.2.5	9.10.19		
8.	BUILDING CLAS	SIFICATION			DIVI	ISION B, P	PART 3 - 3.2.2.8	10			3.2.2.20	83	9.10.4		
9.	SPRINKLER SYSTEM PROPOSED  ENTIRE BUILDING  BASEMENT ONLY  IN LIEU OF ROOF RATING NOT REQUIRED							3.2.2.20- 3.2.1.5 3.2.2.17		9.10.8					
10.	STANDPIPE REQUIRED YES NO							3.2.5.7		N/A					
11.	FIRE ALARM REQUIRED YES NO							3.2.4		9.10.17.2					
12.	WATER SERVICE/SUPPLY IS ADEQUATE YES NO							3.2.5.7		N/A					
13.	HIGH BUILDING YES NO							3.2.6		N/A					
14.	PERMITTED COI		N		MBUST MBUST	L		MBUSTIBL MBUSTIBL		вотн	3.2.2.20-8	3.	9.10.6		
15.	OCCUPANT LOA	AD BASED O	N	M2	PERSO	ON		DES 10 PERSO	SIGN OF BUI	LDING	3.1.17		9.9.1.3		
16.	BARRIER FREE	DESIGN				YES			NC.		3.8		9.5.2.		
17.	HAZARDOUS SU	JBSTANCES	;			YES			NC.		3.3.1.2 & 3	3.3.1.19	9.10.1.3(4)		
18.	REQUIRED FIRE		HOF	RIZONTAL A	SSEME	BLY F.R.R.	(HOURS)		ED DESIGN		3.2.2.20	-83.	9.10.8		
	RESISTANCE RA (F.R.R.)	ATING	FLOOR	S : 45 MIN	DESCRIPTION (SG-2) N/A					3.2.1.4		9.10.9			
				ROOF: NOT REQUIRED											
	MEZZANINES: N/A														
	MEMBERS SUPPORT RATED ASSEMBLY: 45 MIN N/A														
19.	SPATIAL SEPARATION - F2 BUILDING CLASS (3.2.2.71)								3.2.3		9.10.14				
	WALL	AREA OF EBF (m²)				ALLOW CLADD (COMB									
								ALLOW	PROVIDE	D REQ'D	PROVIDED	ALLOW	PROVIDE		
	NORTH	208.2	0	4.4	0 (0m2	2)	0	NON	NON	2HR	2HR	NON	NON		
	SOUTH	208.2	0	4.3	0 (0m2	,	0	NON	NON	2HR	2HR	NON	NON		
	EAST	85.1	16	2.1	29.8 (2	25.4m2)	100	BOTH	NON	-	-	COMB	NON		

	NAME OF F EX. RAMAL FOURTH S' MIDLAND, (	DA STORAG TREET,	E, <b>E</b>	B4								
ITEM	ONTARIO BUILDING CODE DATA MATRIX PARTS 3 & 9 OBC REFERENCE											
2.	PROJECT DESCRIPTION: EXSTING BUILDING										T 3	PART 9
3.	MAJOR OCCUPANCY(S): F2 MAINTENANCE GARAGE										1)	9.10.2
19.	SPATIAL SEPAR	RATION - F2	BUILDING							3.2.3		9.10.14
	WALL	AREA OF EBF (m²)	LIMIT DIST. (m)	L/H OR H/L	PROPOSED % OF OPENINGS	_	CONSTR. (COMB. OR NON)		F.R.R.	,	ALLOW CLADD (COMB	
							ALLOW	PROVIDED	REQ'D	PROVIDED	ALLOW	PROVIDED
	EAST	30.6	9	2	0	100	вотн	COMB	-	-	-	-

14	SITE PLAN AGREEMENT	2025-04-08
13	CO-ORD	2025-04-07
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2	CLIENT REVIEW	2023.08.02
1	CLIENT REVIEW	2023.07.26
NO.	DESCRIPTION	YYYY.MM.DD

REVISION SCHEDULE





P: 705.797.0042

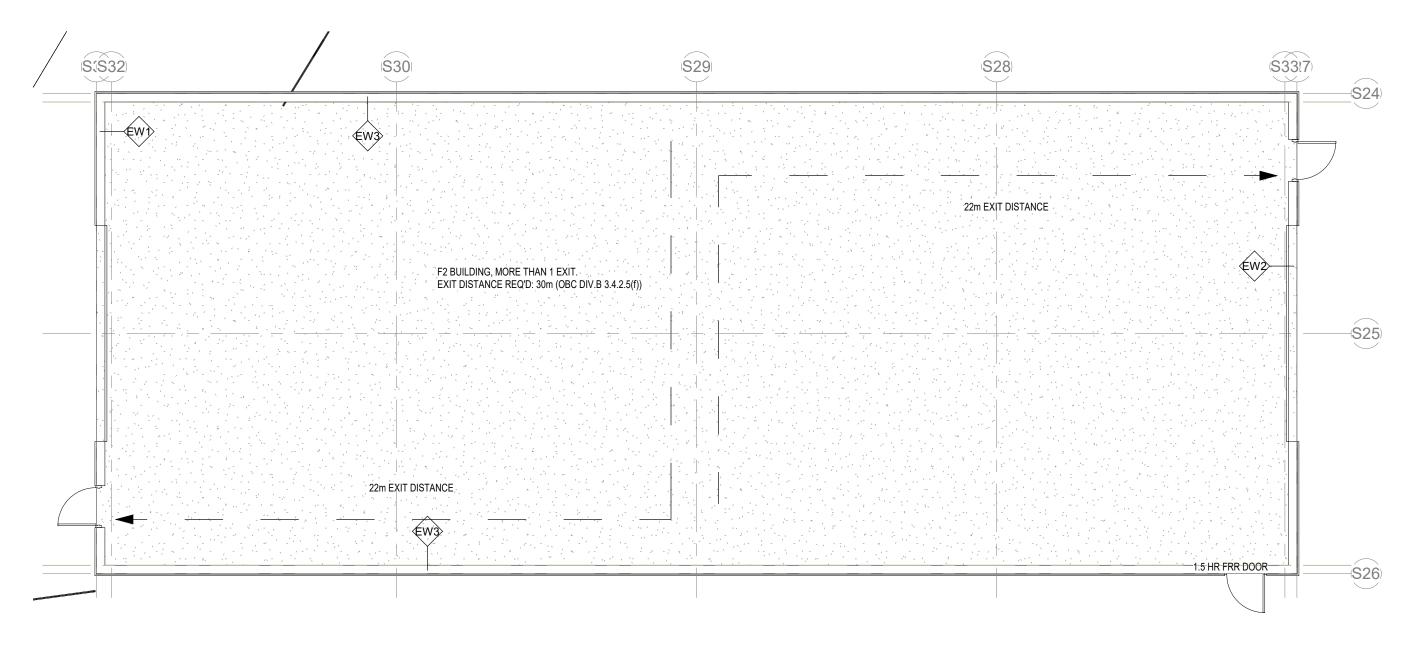


HOME HARDWARE 159 STORAGE BUILDING,

199 FOURTH STREET, MIDLAND, ON.

OBC MATRICES

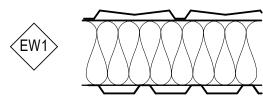
DRAWN	CHECKED	YYYY.MM.DD	SCALE
DCL	RMS	2023.07.18	NTS
PROJECT NO.			DRAWING NO.
23.0	43		S1.2





# Life Safety Plan

1 · 96



(EW2)

1 HR FRR



- INTERIOR METAL LINER PANEL (COOL SOLAR WHITE)
   PROVIDE U CHANNEL AT WALL BASE
  - 0.46mm MIN. EXTERIOR GALV. OR AL-ZINC ALLOY COATED STEEL SIDING. FASTEN TO GIRTS WITH 19mm SHEET STEEL SCREWS SPACED AT 305mm O/C. FASTEN TO FLASHING CHANNELS WITH 19 SCRWS SPACED 406 O/C. SIDE LAP JOINTS OF ADJ. PANLES FASTENED WITH 19 SCREWS AT 406 O/C. TRIM TOP AND BOTTOM OF CLADDING WITH CAP AND DRIP FLASHINGS RESPECTIVELY. (COOL SOLAR WHITE)
     13mm CERAMIC FIBRE BLANKET. DENSITY 128 kg/m3, MIN. 100mm WIDE, ATTACHED TO THI

EXTERIOR METAL SIDING (COOL SOLAR WHITE)

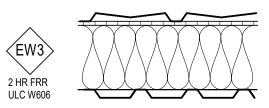
OVERLAP LINER PANEL JOINTS AND SEAL JOINTS AND FLASHING CHANNELS WITH BUTYL CAULKING/TAPE

216 Z GIRTS PER PRE-ENG MINERAL WOOL INSULATION TO FILL

- 13mm CERAMIC FIBRE BLANKET. DENSITY 128 kg/m3, MIN. 100mm WIDE, ATTACHED TO THE Z-BAR SUB-GIRTS WITH STICK PINS OR #10 SCREWS SPACED 250mm O/C <u>OR</u> ADHESIVES RESBOND™ 907GF BY COTRONICS CORP. OR QUICK-STICK™ BY DUCTMATE INDUSTRIES INC.

- 216 (150mm (MIN)) NOTCHED Z-BAR GIRTS C/W 25 AND 38mm FLANGES FABRICTED FROM NOMINAL 1.22mm GALV. OR AL-ZINC ALLOY COATED SHEET STEEL. SPACED AT 1525mm MAX. FASTEN TO LINER PANEL WITH MIN. 19mm LG. SHEET METAL SCREWS AT 250mm O/C MAX.
- 2 EQUAL LAYERS 76mm(MIN) THICK 96KG/M³ MINERAL WOOL BATTS (610 OR 813 x 1220 OR 1525) INSTALLED JOINTS STAGGERED MIN. 300mm WITHIN EACH LAYER AND ADJACENT LAYERS. TO BE DESIGNATED "ROXUL SAFE 65"
   INTERIOR STEEL LINER PANEL FABRICATED FROM NOMINAL 0.61mm THICK GALVANIZED
- OR AL-ZINC COATED SHEET STEEL. FASTENED TO FLASHING CHANNELS WITH 19mm LONG SHEET METAL SCREWS SPACED 305mm O/C. INTERLOCKING JOINTS OF ADJACENT PANELS SEALED WITH FACTORY-APPLIED BUTYL CAULKING AND SECURED WITH 19mm LONG SHEET METAL SCREWS SPACED 305mm O/C. BUTYL TAPE APPLIED BETWEEN THE STEEL LINER PANELS AND THE FLASHING CHANNELS TO PROVIDE AN AIR BARRIER. (COOL SOLAR WHITE)

- FLASHING CHANNELS 200mm WIDE (MIN., MATCH GIRTS) WITH 45mm AND 76mm FLANGES FABRICATED FROM NOMINAL 1.52mm THICK GALVANIZED OR AL-ZINC ALLOY COATED SHEET STEEL. FASTENED TO THE FRAME WITH 6.4mm BY 41mm ANCHORS SPACED 406mm O/C.



0.61mm MIN. EXTERIOR GALVANIZED OR AL-ZINC ALLOY COATED STEEL SIDING. FASTEN TO Z GIRTS WITH MIN. 19mm LG. SHEET METAL SCREWS SPACED 305mm O/C. FASTEN TO FLASHING CHANNELS WITH 19mm LG. SHEET METAL SCREWS SPACED 305mm O/C. SIDE LAP JOINTS OF ADJACENT PANELS FASTENED WITH 19mm LG. SHEET METAL SCREWS SPACED 405mm O/C. T+B OF EXTERIOR CLADDING TRIMMED WITH CAP AND DRIP FLASHINGS RESPECTIVELY. (COOL SOLAR WHITE)

FLASHINGS RESPECTIVELY. (COOL SOLAR WHITE)

- 13mm CERAMIC FIBRE BLANKET. DENSITY 128 kg/m3, MIN. 100mm WIDE, ATTACHED TO THE

Z-BAR SUB-GIRTS WITH STICK PINS SPACED 250mm O/C OR ADHESIVES RESBOND™

907GF BY COTRONICS CORP. OR QUICK-STICK™ BY DUCTMATE INDUSTRIES INC.

- 216 (200mm (MIN)) NOTCHED Z-BAR GIRTS C/W 25 AND 45mm FLANGES FABRICTED FROM NOMINAL 1.22mm GLAV. OR AL-ZINC ALLOY COATED SHEET STEEL. SPACED AT 1525mm MAX. FASTEN TO LINER PANEL WITH MIN. 19mm LG. SHEET METAL SCREWS AT 200mm O/C MAX.
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- INTERIOR STEEL LINER PANEL AVAILABLE IN NOMINAL 800mm WIDTHS FABRICATED FROM NOMINAL 0.61mm THICK GALVANIZED OR AL-ZINC COATED SHEET STEEL. FASTENED TO FLASHING CHANNELS WITH 19mm LONG SHEET METAL SCREWS SPACED 305mm O/C. INTERLOCKING JOINTS OF ADJACENT PANELS SEALED WITH FACTORY-APPLIED BUTYL CAULKING AND SECURED WITH 19mm LONG SHEET METAL SCREWS SPACED 305mm O/C. BUTYL TAPE APPLIED BETWEEN THE STEEL LINER PANELS AND THE FLASHING CHANNELS TO PROVIDE AN AIR BARRIER. (COOL SOLAR WHITE)

FLASHING CHANNELS TO PROVIDE AN AIR BARRIER. (COOL SOLAR WHITE)

FLASHING CHANNELS 200mm WIDE (MIN., MATCH GIRTS) WITH 45mm AND 76mm FLANGES FABRICATED FROM NOMINAL 1.52mm THICK GALVANIZED OR AL-ZINC ALLOY COATED SHEET STEEL. FASTENED TO THE FRAME WITH 6.4mm BY 41mm ANCHORS SPACED 305mm O/C

Wall Type Schedule

NTS

The contractor is to verify all dimensions and report discrepencies to the engineer before commencing with the work

14	SITE PLAN AGREEMENT	2025-04-08
13	CO-ORD	2025-04-07
12	PRELIM/CLIENT REVIEW	2025-03-11
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1	CLIENT REVIEW	2023.07.26
NO.	DESCRIPTION	YYYY.MM.DD

REVISION SCHEDULE





eca documents not valid for construction unless soal has been sign

F: 705.797.0030

P: 705.797.0042



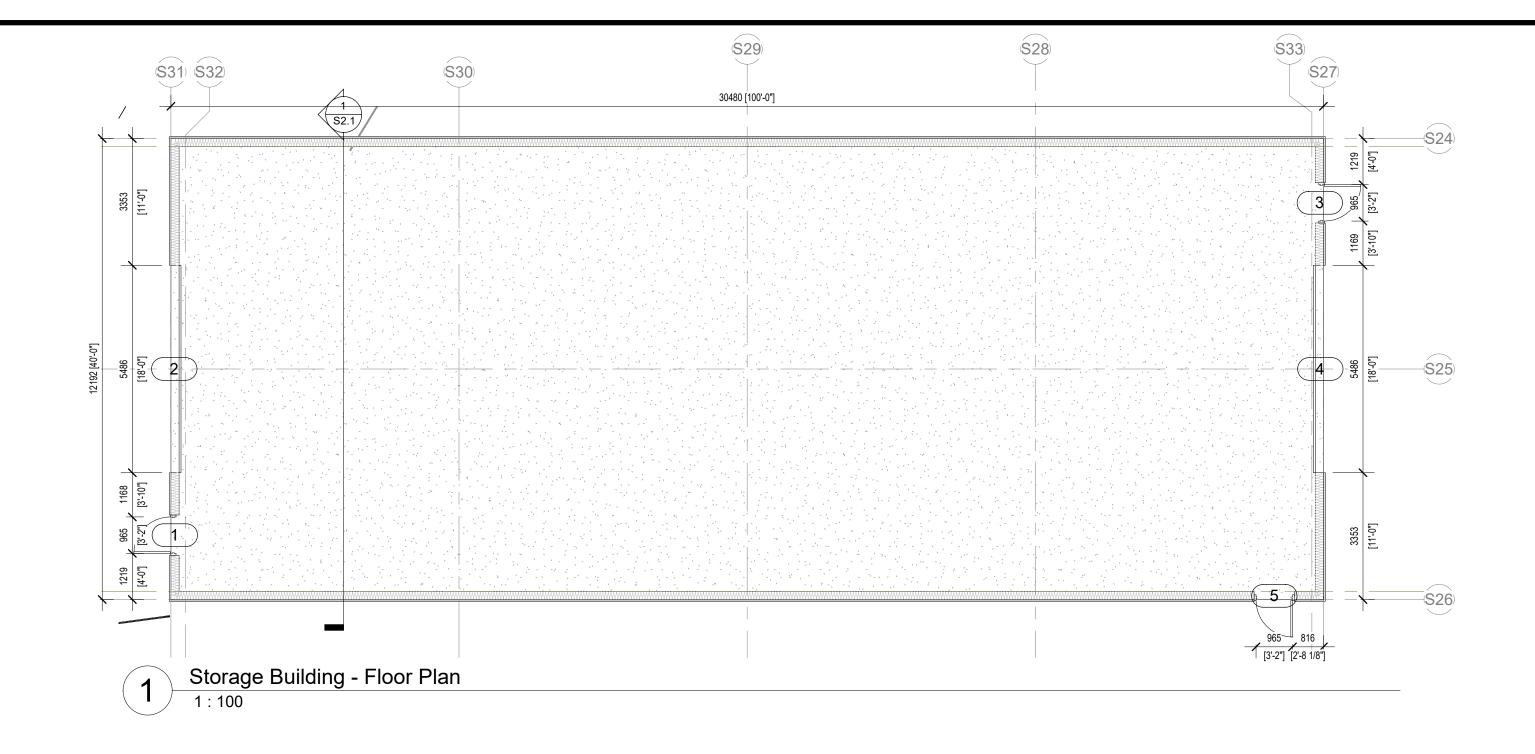
HOME HARDWARE 159 STORAGE BUILDING,

199 FOURTH STREET, MIDLAND, ON.

DRAWING TITLE

LIFE SAFETY

SCALE	YYYY.MM.DD	CHECKED	DRAWN	
As indicated	2023.07.18	RMS	DCL	
DRAWING NO.		PROJECT NO.		
S1.3		23.043		



ABBREVIATIONS:

EX - EXISTING

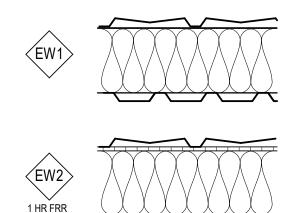
ALUMINUM

CARD READER

EXIT DEVICE

CLOSER

B.FREE AUTO OPEN PER OBC BF -



- EXTERIOR METAL SIDING (COOL SOLAR WHITE)
- 216 Z GIRTS PER PRE-ENG
- MINERAL WOOL INSULATION TO FILL
- OVERLAP LINER PANEL JOINTS AND SEAL JOINTS AND FLASHING CHANNELS WITH BUTYL CAULKING/TAPE
- INTERIOR METAL LINER PANEL (COOL SOLAR WHITE)
- PROVIDE U CHANNEL AT WALL BASE
- 0.46mm MIN. EXTERIOR GALV. OR AL-ZINC ALLOY COATED STEEL SIDING. FASTEN TO GIRTS WITH 19mm SHEET STEEL SCREWS SPACED AT 305mm O/C. FASTEN TO FLASHING CHANNELS WITH 19 SCRWS SPACED 406 O/C. SIDE LAP JOINTS OF ADJ. PANLES FASTENED WITH 19 SCREWS AT 406 O/C. TRIM TOP AND BOTTOM OF CLADDING WITH CAP AND DRIP FLASHINGS RESPECTIVELY. (COOL SOLAR WHITE)
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(EW3)	$\wedge$ $\wedge$ $\wedge$ $\wedge$ $\wedge$ $\wedge$ $\wedge$ $\wedge$
2 HR FRR	
ULC W606	

- 0.61mm MIN. EXTERIOR GALVANIZED OR AL-ZINC ALLOY COATED STEEL SIDING. FASTEN TO Z GIRTS WITH MIN. 19mm LG. SHEET METAL SCREWS SPACED 305mm O/C. FASTEN TO FLASHING CHANNELS WITH 19mm LG. SHEET METAL SCREWS SPACED 305mm O/C. SIDE LAP JOINTS OF ADJACENT PANELS FASTENED WITH 19mm LG. SHEET METAL SCREWS SPACED 405mm O/C. T+B OF EXTERIOR CLADDING TRIMMED WITH CAP AND DRIP FLASHINGS RESPECTIVELY. (COOL SOLAR WHITE)

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- 2 EQUAL LAYERS 100mm(MIN) THICK 72KG/M³ MINERAL WOOL BATTS (610 OR 813 x 1220 OR 1525) INSTALLED JOINTS STAGGERED MIN. 300mm WITHIN EACH LAYER AND ADJACENT LAYÉRS. TO BE DESIGNATED "ROXUL FIREWALL 2HR" ("ROXUL SAFE 55") INTERIOR STEEL LINER PANEL AVAILABLE IN NOMINAL 800mm WIDTHS FABRICATED FROM NOMINAL 0.61mm THICK GALVANIZED OR AL-ZINC COATED SHEET STEEL. FASTENED TO FLASHING CHANNELS WITH 19mm LONG SHEET METAL SCREWS SPACED 305mm O/C. INTERLOCKING JOINTS OF ADJACENT PANELS SEALED WITH FACTORY-APPLIED BUTYL CAULKING AND SECURED WITH 19mm LONG SHEET METAL SCREWS SPACED 305mm O/C. BUTYL TAPE APPLIED BETWEEN THE STEEL LINER PANELS AND THE FLASHING CHANNELS TO PROVIDE AN AIR BARRIER. (COOL SOLAR WHITE) FLASHING CHANNELS 200mm WIDE (MIN., MATCH GIRTS) WITH 45mm AND 76mm FLANGES FABRICATED FROM NOMINAL 1.52mm THICK GALVANIZED OR AL-ZINC ALLOY COATED SHEET STEEL. FASTENED TO THE FRAME WITH 6.4mm BY 41mm ANCHORS SPACED 305mm

	Door Quantities												
Mark	Туре	Width	Height	Thickness	Door Material	Door/Sidelite Glazing	Door Finish	Frame Type	Frame Material	Frame OA	Frame Finish	Fire Rating	Comments
1	Α	965	2134	1 3/4"			Paint	Α	НМ	8"	Paint	N/A	- BF, WS, CL, ED, TH, SW
	ОН	5486	4267	2"			Pre-finIshed		PREFINISHED METAL/GIRT		Pre-finished		- Wall mounted chain hoist for open/close - WS, INS
}	Α	965	2134	1 3/4"	НМ		Paint	A	НМ	8"	Paint	N/A	- BF, WS, CL, ED, TH, SW
+	ОН	5486	4267	2"			Pre-finIshed		PREFINISHED METAL/GIRT		Pre-finished	N/A	- Wall mounted chain hoist for open/close - WS, INS
:	Δ	065	213/	1 3//"	нм		Paint	Δ	нм	Q"	Daint	1 SHR	- RE WS CLED TH SW

INSULATED MOTION SENSORS

OVERALL

SECURITY

HOD -

HOLD OPEN DEVICE

REMOVABLE MULLION WG -

TG -

WS -

TEMPERED GLASS

THRESHOLD

WIRED GLASS

WEATHERSTRIP

WOOD

	50	50
•		
1020 (TYP)		

FRR - FIRE RESISTANCE RATING

HOLLOW METAL

BARRIER FREE "WING HANDLED"

BARRIER FREE DOORS (TYP)

MAX. 12mm SILL HEIGHT TRANSITION AT

COMPLIANT HARDWARE

DOOR - TYPE A FRAME - TYPE A HOLLOW METAL OR SOLID WOOD



The contractor is to verify all dimensions and report discrepencies to the engineer before commencing with the work

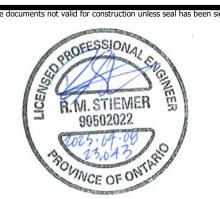
14	SITE PLAN AGREEMENT	2025-04-08
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9	PERMIT REV.	2024.03.06
8	CIVIL CO-ORD	2024.02.16
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3	CLIENT REVIEW/CO-ORD	2023.08.22
2	CLIENT REVIEW	2023.08.02
1	CLIENT REVIEW	2023.07.26
NO.	DESCRIPTION	YYYY.MM.DD

## REVISION SCHEDULE





25 Saunders Rd. - Unit 1, Barrie, ON, L4N 9A7 P: 705.797.0042 F: 705.797.0030



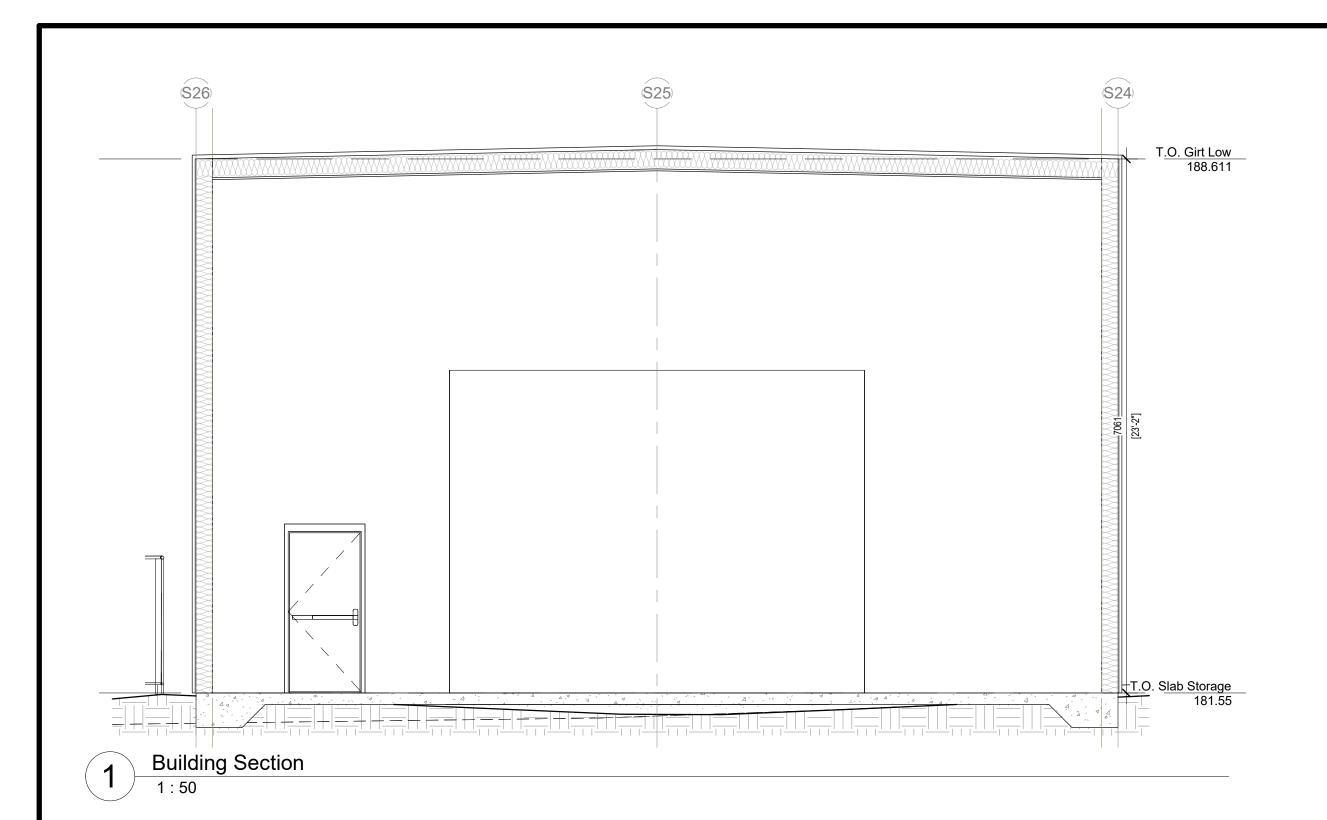
HOME HARDWARE 159 STORAGE BUILDING,

199 FOURTH STREET, MIDLAND, ON.

PLANS + DETAILS

DRAWN	CHECKED	YYYY.MM.DD	SCALE
DCL	RMS	2023.07.18	As indicated
PROJECT	NO.		DRAWING NO.
23.043			S1.4





14	SITE PLAN AGREEMENT	2025-04-08
13	CO-ORD	2025-04-07
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NO.	DESCRIPTION	YYYY.MM.DD

REVISION SCHEDULE





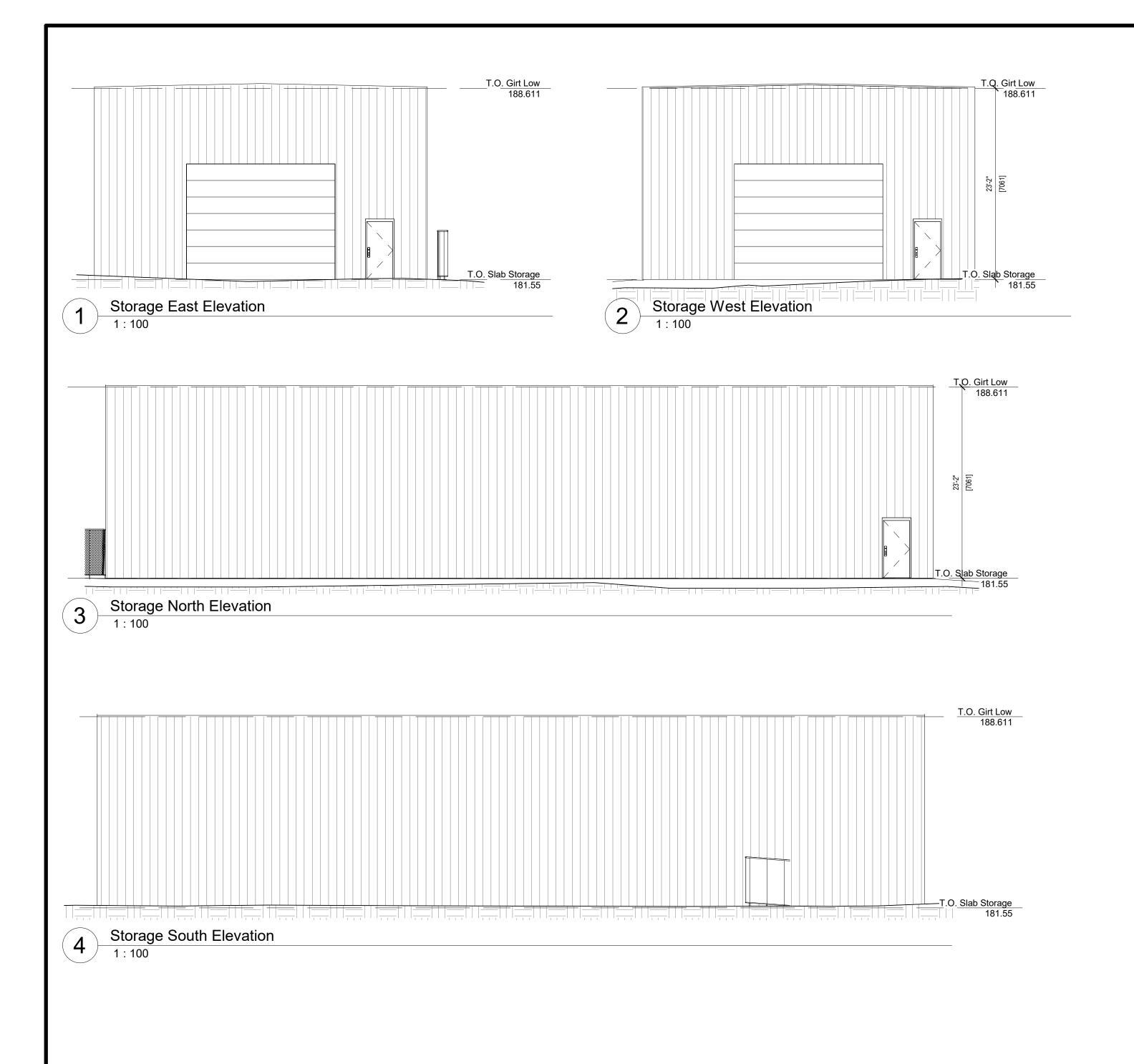
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HOME HARDWARE 159 STORAGE BUILDING,
199 FOURTH STREET,
MIDLAND, ON.

DRAWING TITLE
SECTIONS

DRAWN	CHECKED	YYYY.MM.DD	SCALE
DCL	RMS	2023.07.18	1:50
PROJECT	NO.		DRAWING NO.
23.0	143		S2.1



14	SITE PLAN AGREEMENT	2025-04-08
13	CO-ORD	2025-04-07
12	PRELIM/CLIENT REVIEW	2025-03-11
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REVISION SCHEDULE





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HOME HARDWARE 159 STORAGE BUILDING,

199 FOURTH STREET, MIDLAND, ON.

DRAWING TITLE
ELEVATIONS

DRAWN	CHECKED	YYYY.MM.DD	SCALE
DCL	RMS	2023.07.18	1:100
PROJECT	NO.		DRAWING NO.
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