ASSIGINACK ARENA BUILDING

ENTRANCE ADDITION & INTERIOR ALTERATION

59 VANKOUGHNET ST., MANITOWANING, ONTARIO

	Ontario Building Code Analysis	S	
		EXISTING	PROPOSED
	MAJOR OCCUPANCY	VACANT	D
	OCCUPANT LOAD MEZZANINE AREA	VACANT 1,800 sq.ft.	20 TOTAL NO CHANGE
	NUMBER OF STOREYS	1	NO CHANGE
	HEATING: FORCED AIR SYSTEM	EXISTING	NO CHANGE
[ELECTRICAL	EXISTING	NO CHANGE
	MAXIMUM TRAVEL DISTANCE: 13m	(42.64")	

LIST OF DRAWINGS:

ARCHITECTURAL/STRUCTURAL PROJECT INFORMATION EXISTING FLOOR PLAN DEMOLITION PLAN

PROPOSED FLOOR PLANS MEZZANINE FRAMING & SECTIONS

STAIR DETAILS

MECHANICAL/ELECTRICAL

ELEVATIONS & TYPICAL WALL SECTION AH-106 FOUNDATION PLAN & DETAILS

AH-107 HVAC SYSTEM AH-108 ELECTRICAL

NOTES & SPECIFICATIONS N-100 NOTES & SPECIFICATIONS

/ankoughnet St

KEY PLAN

SCOPE OF WORK:

TO CONVERT THE EXISTING VACANT MEZZANINE INTO AN EXERCISE ROOM

The scope of work includes but is not limited to the items listed below.

- 1. Construct an enclosed, exterior staircase entrance to the mezzanine level.
- 2. Upgrade the mezzanine floor to meet Building Code structural requirements.
- 3. Provide interior staircase access to meet exit requirements.
- 4. Provide barrier-free ramp upgrading at the main entrance interior including push button operators.
- 5. Provide new flooring as shown on the drawings.
- 6. Upgrade the lighting in the upgraded areas with new LED fixtures.
- 7. Allow for 100 feet of 1" diameter black iron pipe for propane supply to the new mechanical room.
- 8. The contractor shall include in his/her bid an allowance of \$5000.00 for door hardware to be selected by the Owner.

Important Notice to Bidders

Two-Envelope Bid

ALL bids must be submitted following the "two-envelope" procedure as outlined in Special Instructions

SI01-Submission of Bid

- The "two-envelope" procedure is as follows: Both envelopes shall be enclosed and sealed together in a third envelope, the bid envelope. All envelopes are to be provided by the Bidder.
- The bid envelope must be addressed and submitted as follows:

Agency Selection Committee Township of Assiginack c/o Alton Hobbs, CAO

156 Arthur Street, PO Box 238 Manitowaning, ON. POP 1NO

The bid must be received on or before the date and time set for solicitation closing. The Bidder shall ensure that the following information is clearly printed or typed on the face of the bid envelope:

- Return address; and Closing Date and Time
- The Evaluation Criteria, and any required associated document(s), shall be enclosed and sealed in an envelope with the following information clearly printed or typed on the face of the envelope:
- **ENVELOPE 1 Evaluation Criteria:**
- Name of Bidder.

Area of Modification

- following information clearly printed or typed on the face of the
- Solicitation Number; and
- Name of Bidder.
- Timely and correct delivery of bids is the sole responsibility of the

SIO2 OPENING OF BIDS / EVALUATION

1. There will be no public opening at bid deposit time

- Envelope 1 Evaluation Criteria will be opened privately. This envelope will be opened first to evaluate the bid's response to the mandatory requirements outlined in Appendix A. These requirements will be evaluated as Pass/Fail; no rating is required. Failure to meet any or all of the mandatory requirement(s) will render the bid non-compliant and no other consideration will be given to the bid.
- Envelope 2 will be returned unopened to the bidder
- Envelope 2 Price: Only those envelopes from Bidder's that meet the mandatory requirements shall be opened. Envelope 2 submittals will be evaluated against the evaluation criteria outlined in Appendix B, failure to comply with any or all of the mandatory requirement(s) will render the bid non-compliant and no other consideration will be given to the bid.

4. The lowest bid may not always be accepted.

SIO3 COMPLETION OF SUBMISSION

The Bidder shall base the Bid on the applicable bid documents listed in the Special Instructions to Bidders. It is the responsibility of the Bidder to obtain clarification on any terms, conditions or technical requirements contained in this document.

After contract award, bidders may request a debriefing on the results of the bid solicitation process.

Bidders should make the request to the Contracting Authority within fifteen (15) working days of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

Mandatory Requirements

- Avoidance of a real or perceived conflict of interest Proof of bidder completing 2 construction projects of similar size
- and complexity within the last
- Provide projected schedule of deliverables and dates.
- Submitted on time; submitted as instructed and signed/dated

Appendix B **Evaluation Criteria**

Non-Price Criteria	1:	
Criteria #1	Projected Schedule of Deliverables	25%
	(Maximum Score 10 - Increments of 0.5)	
Criteria #2	Past Performance	
	Part 1 - Similar Contracts	10%
	(Maximum Score 10 - Increments of 0.5)	
	Part 2 - Last 5 Years	15%
	(Maximum Score 10 - Increments of 0.5)	
Price Weighting:	•	50%
0 0	(Maximum Score 10 - Increments of 0.5)	

DEMOLITION AND REMOVAL

PRIOR TO THE SUBMISSION/PREPARATION OF THE BID THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE FULL EXTENT OF THE DEMOLITION WORK.

1. EXECUTE ALL DEMOLITION, REMOVALS AND ALTERATIONS TO EXISTING BUILDING AS REQUIRED TO CARRY OUT ALTERATIONS TO SCOPE OF WORK SHOWN ON DRAWINGS. CAREFULLY REMOVE DRYWALL PARTITIONS TO MINIMIZE DAMAGE TO T-BAR CEILING AND ACOUSTIC TILES.

2. PROTECT ANY AND ALL EXISTING CONSTRUCTION, FURNITURE, FURNISHINGS, EQUIPMENT, ETC. WITHIN AREA OF WORK FROM

3. ENSURE AREA OF WORK IS SECURE AND SAFE AT ALL TIMES BARRICADE AND MARK-OUT AREA OF WORK. CAREFULLY REMOVE AND STORE ONSITE MATERIALS, IE. DOORS, FRAMES, CARPET, ACOUSTIC TILES, AND FIXTURES, ETC. DESIGNATED FOR RE-USE

4. PATCH AND MAKE GOOD ALL EXISTING MATERIALS AND FINISHES AFFECTED BY DEMOLITION, REMOVAL AND EXTENT OF WORK. CARRY OUT ALL ALTERATIONS TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS AS REQUIRED AND AS NOTED ON DRAWINGS TO INTERCONNECT EXISTING AND NEW SYSTEMS.

RE-USE ELECTRICAL DATA/COMMUNICATION SERVICES AND MECHANICAL FIXTURES AS REQUIRED. DO ALL CUTTING AND PATCHING AND MAKING GOOD TO EXISTING MECHANICAL AND ELECTRICAL SERVICE AS NOTED ON DRAWINGS.

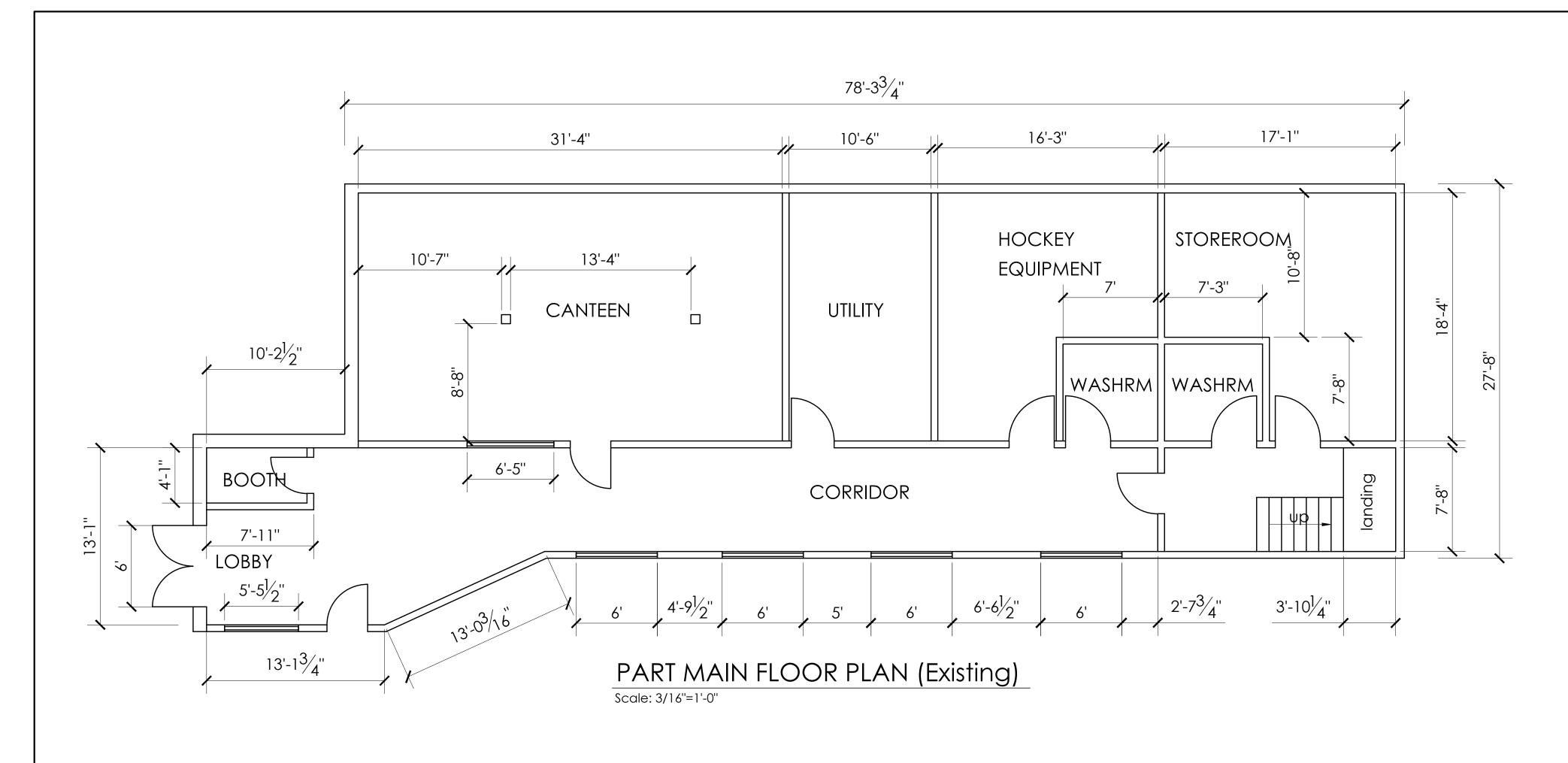
6. UPON COMPLETION OF THE WORK THE CONTRACTOR SHALL REMOVE ALL DEBRIS AND SURPLUS MATERIALS. VACUUM CLEAN WASH ALL FLOORS, WALLS, FIXTURES, HARDWARE AND GLAZING. FREE CEILING DIFFUSERS, GRILLES AND FIXTURES OF DIRT, DUST AND MARKS, ETC.

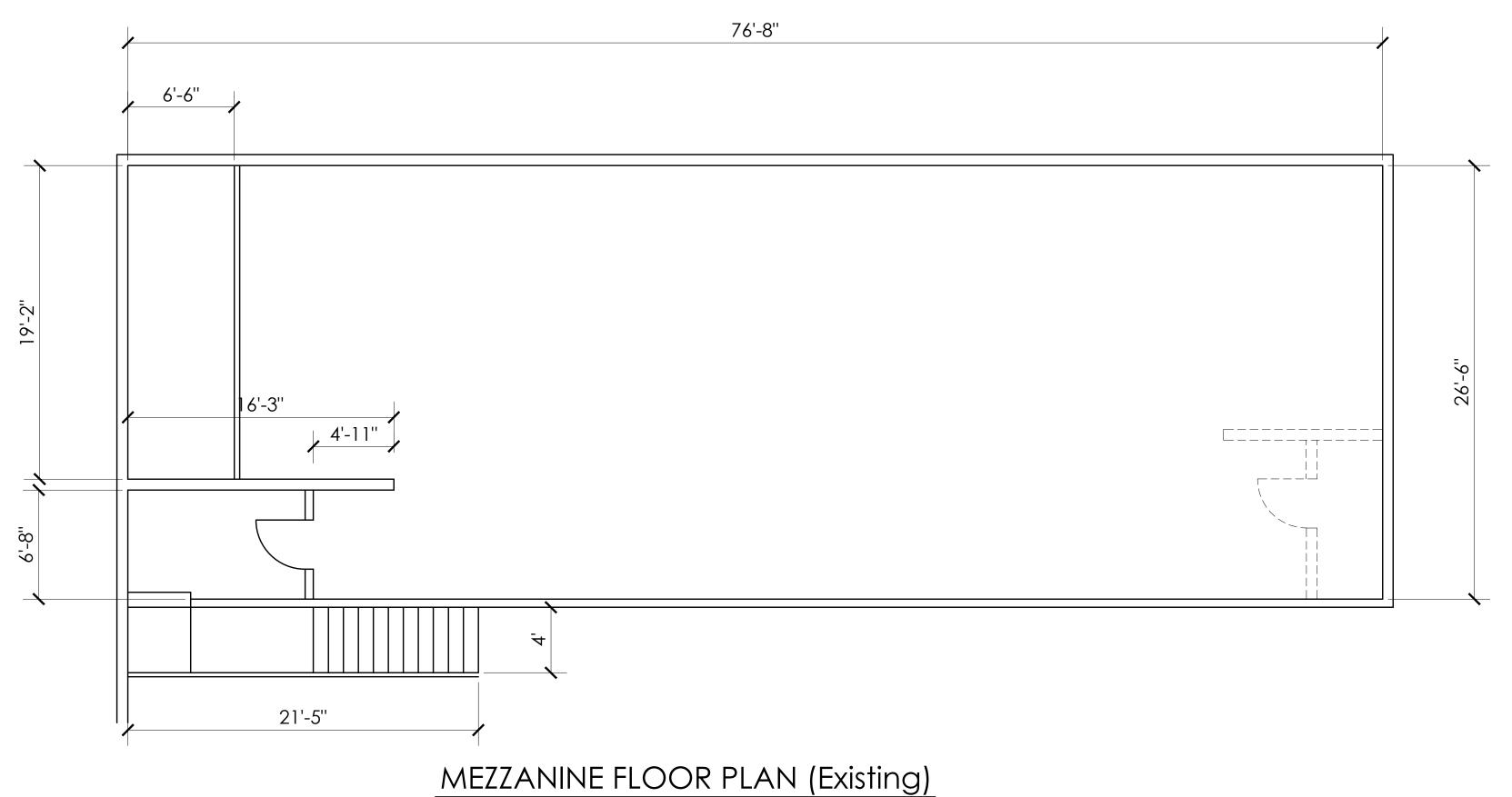


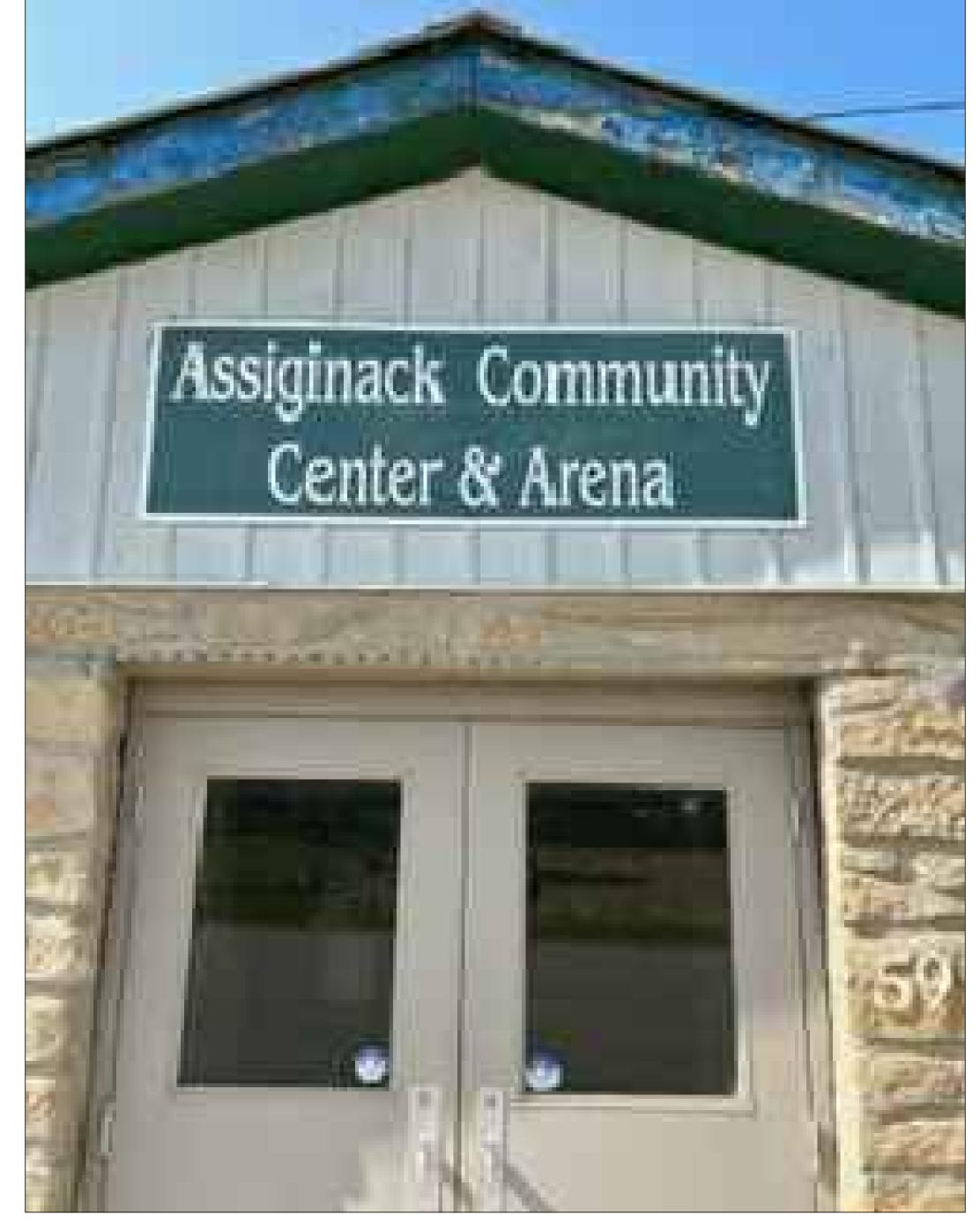
As shown MAY 15, 2024 **DRAWN BY:** TE/GBV

C-100 (REVISION 1)

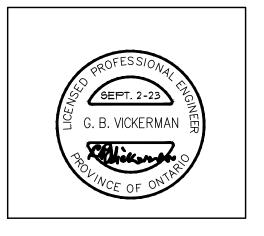
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ENTRANCE LOBBY



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Scale: 3/16"=1'-0"

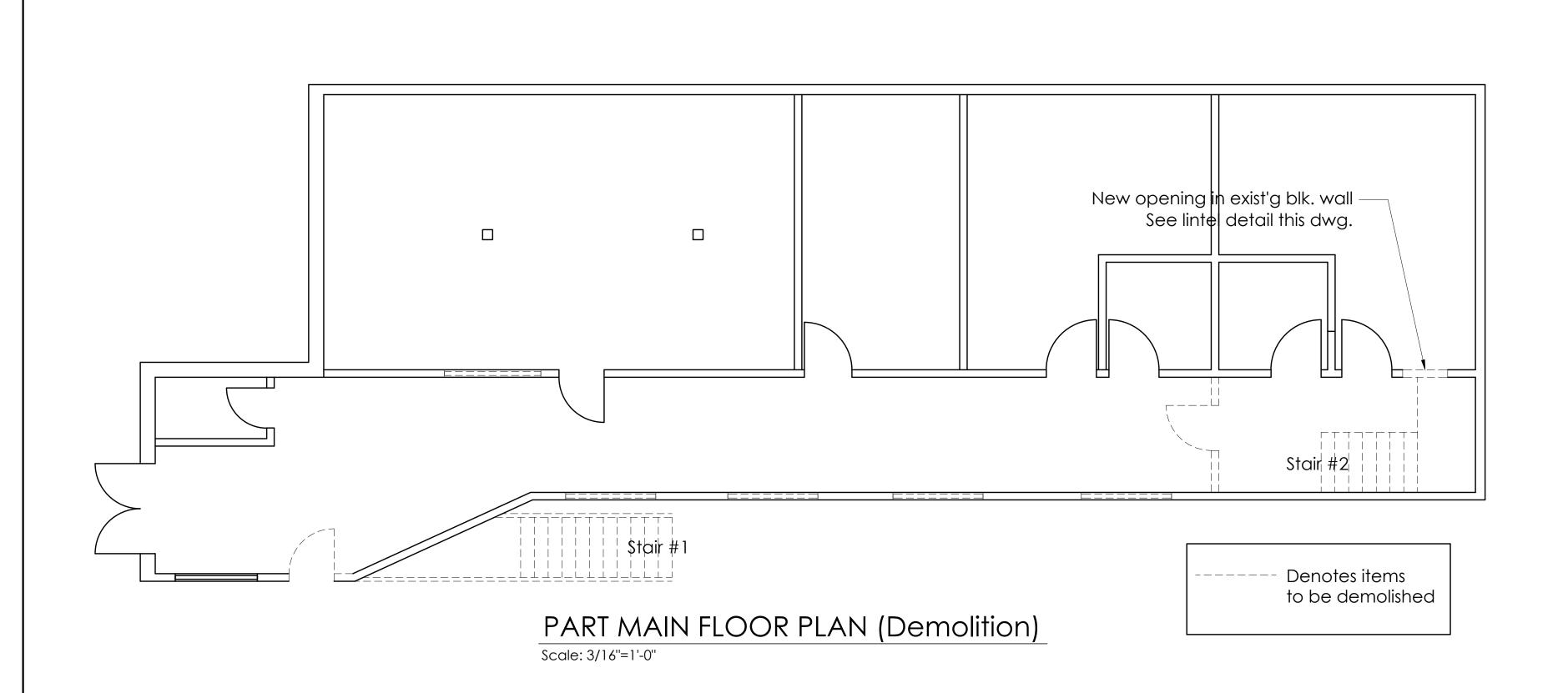


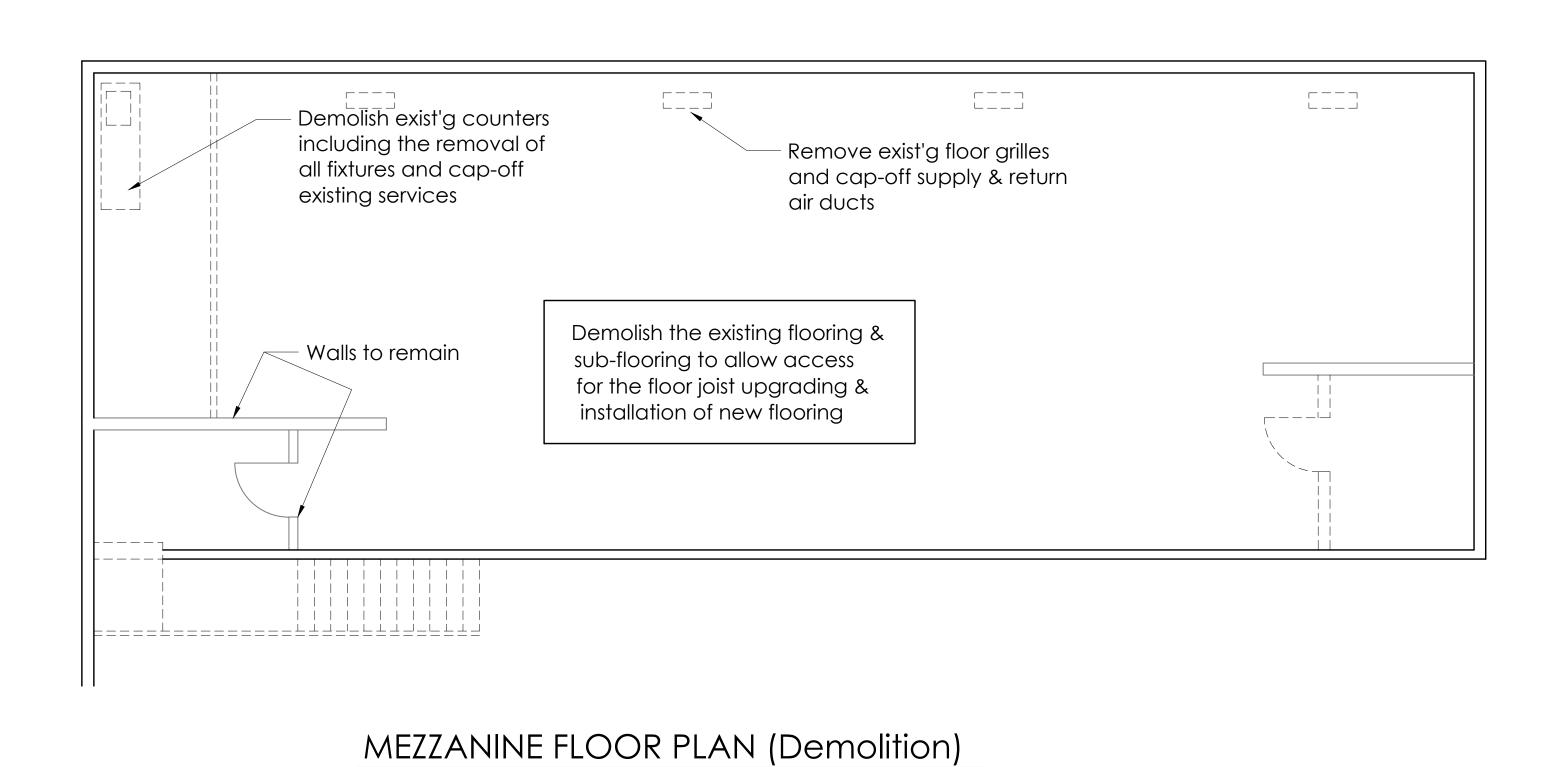
Granville B. Vickerman & Associates

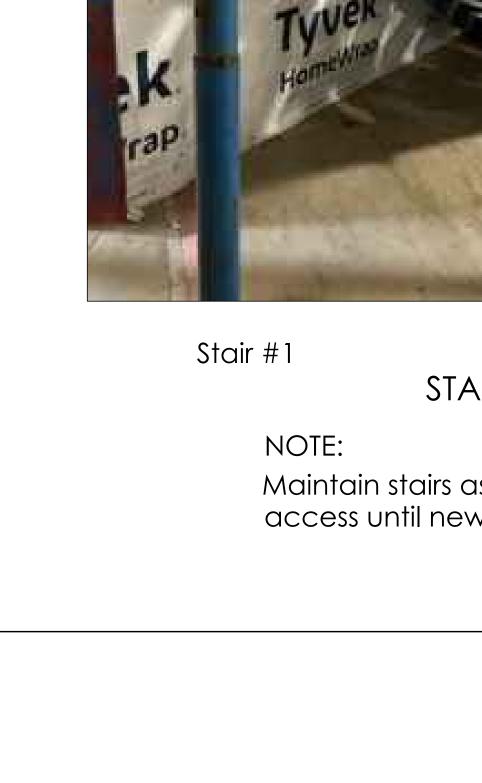
Consulting Engineers - Project Managers

PROPOSED EXERCISE ROOM
ASSIGINACK ARENA, MANITOWANING, ON.
EXISTING FLOOR PLANS

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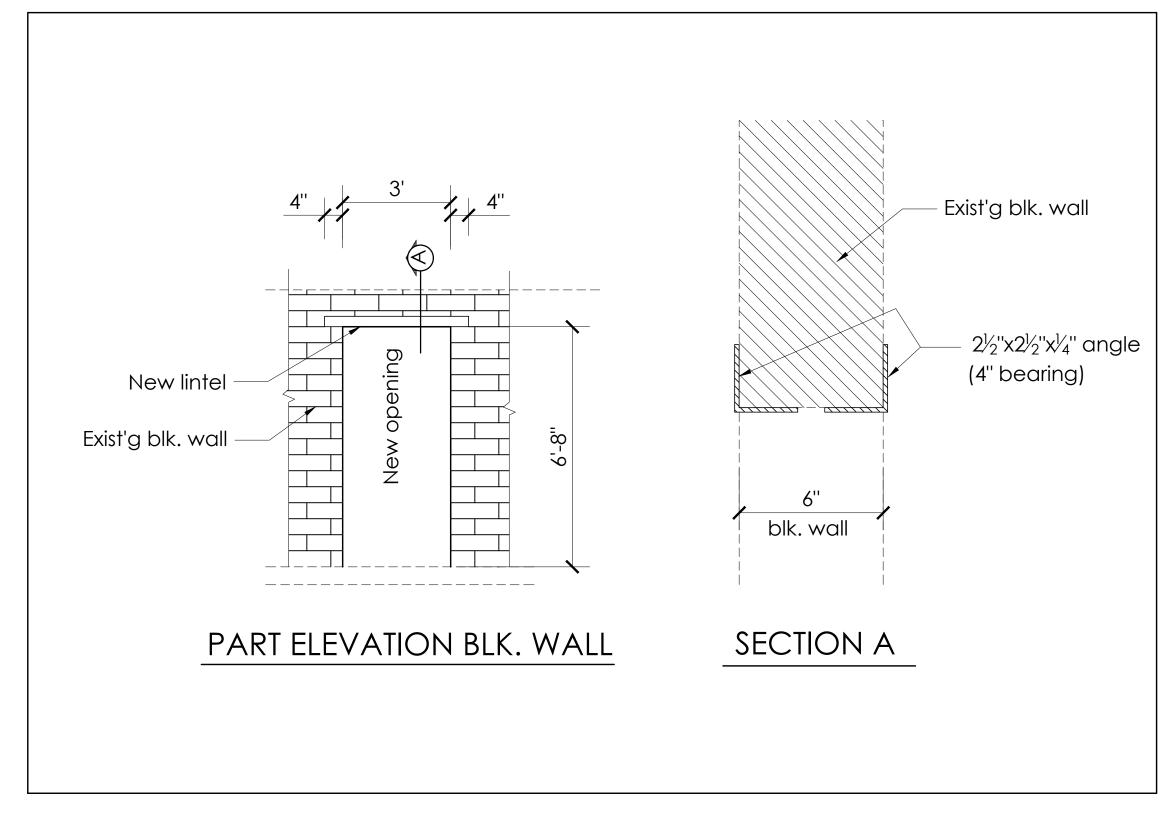


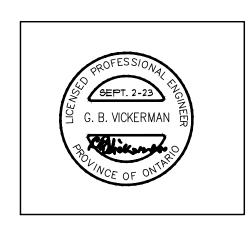




Stair #2 STAIRS TO BE DEMOLISHED

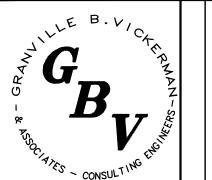
Maintain stairs as required for temporary construction access until new stairs are constructed.





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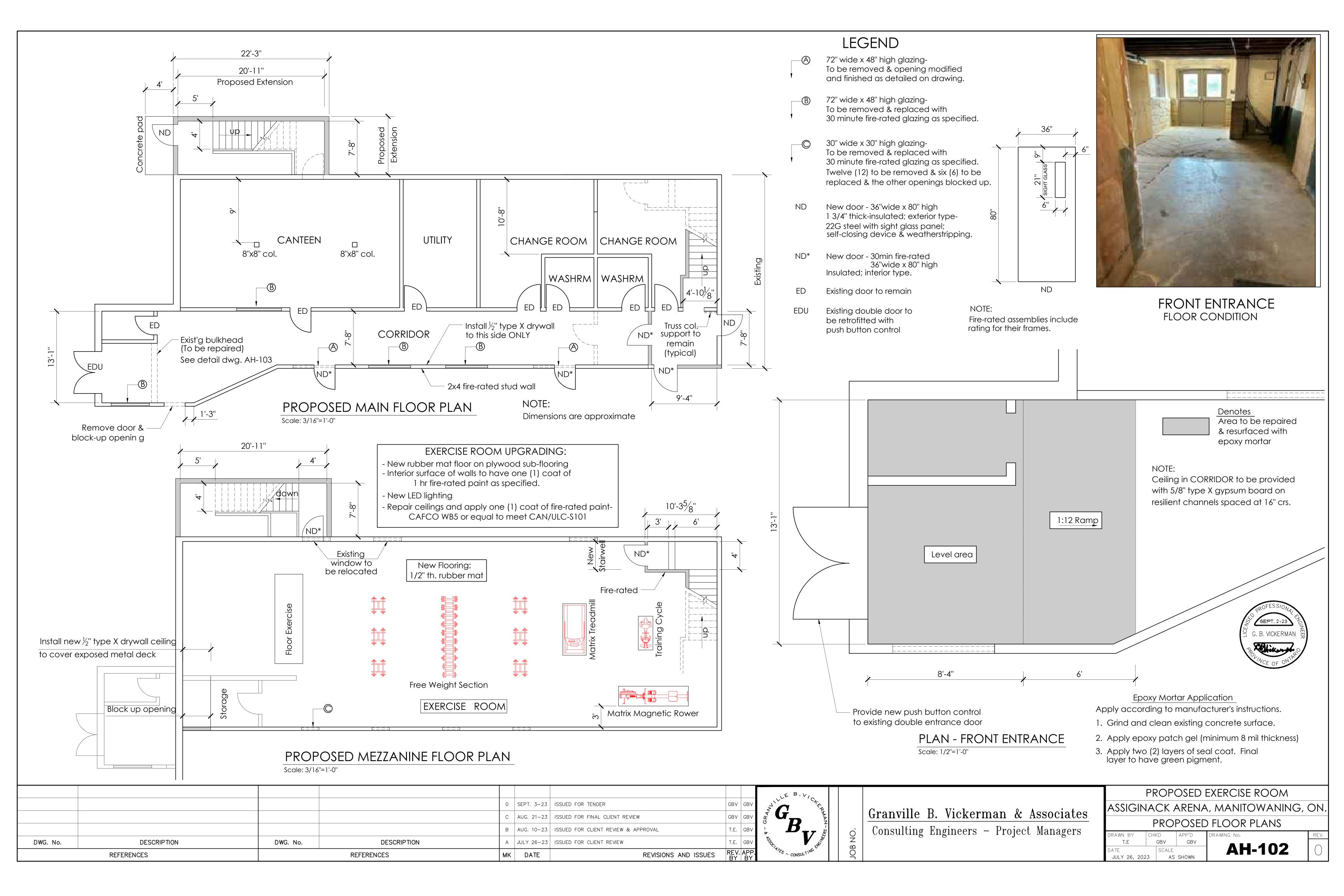
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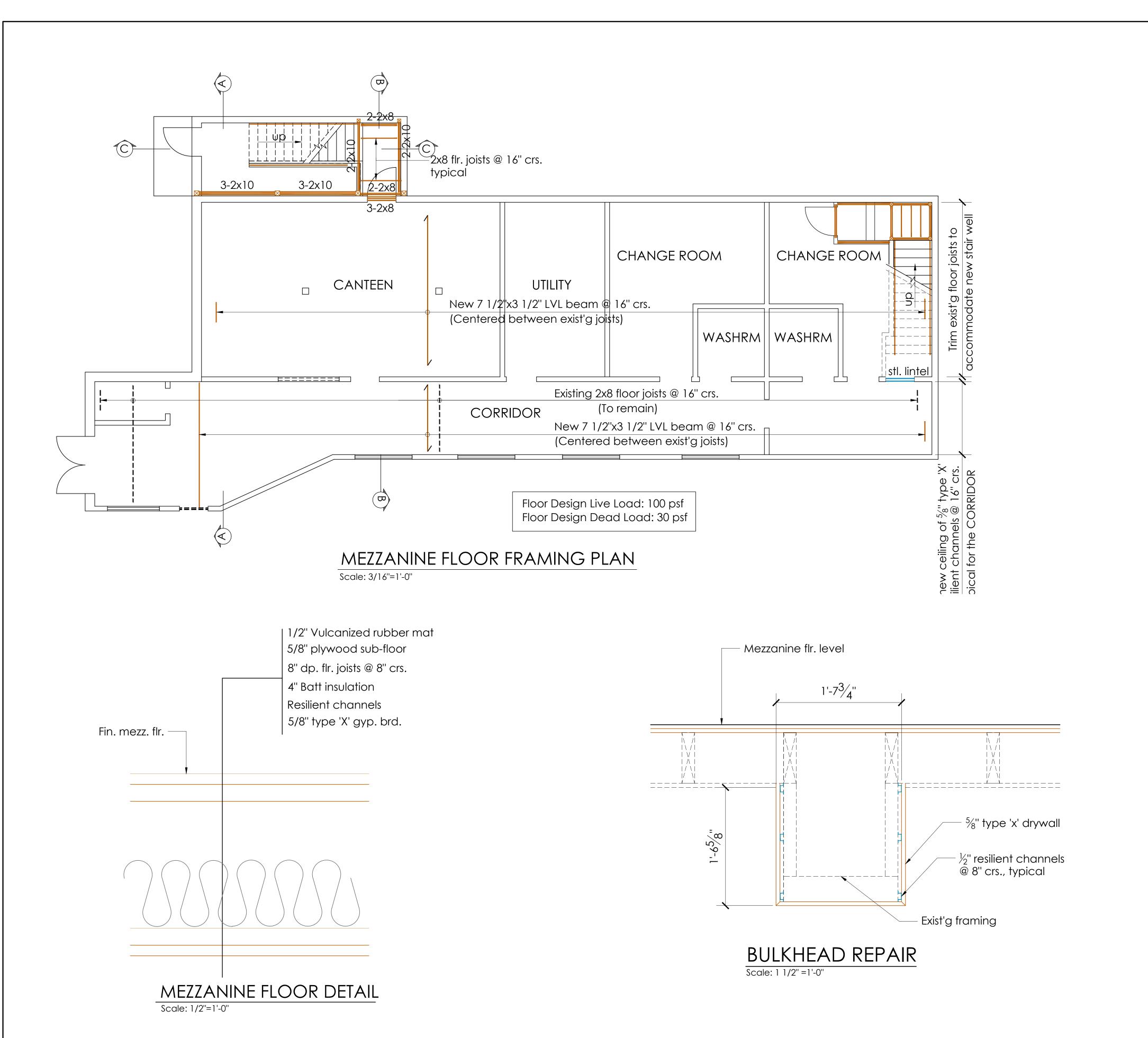


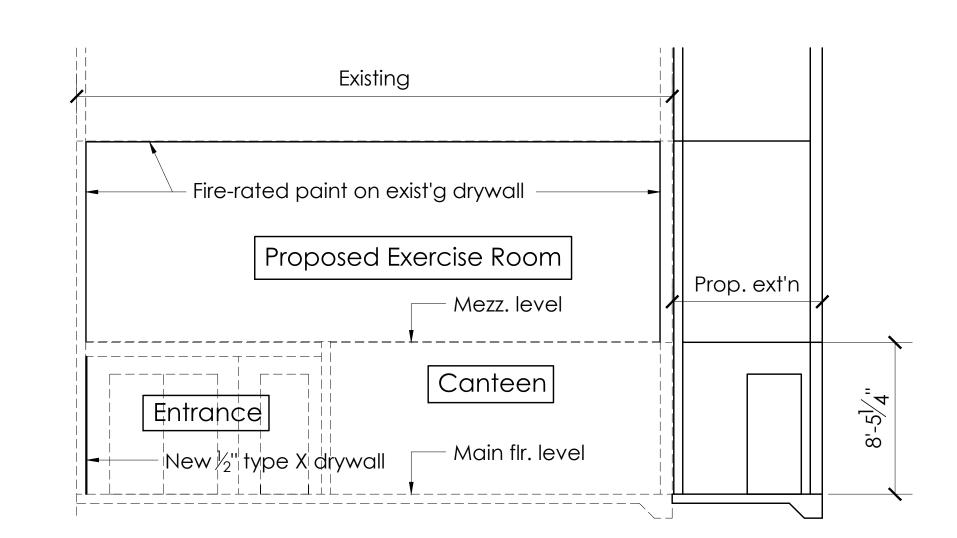
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Consulting Engineers - Project Managers

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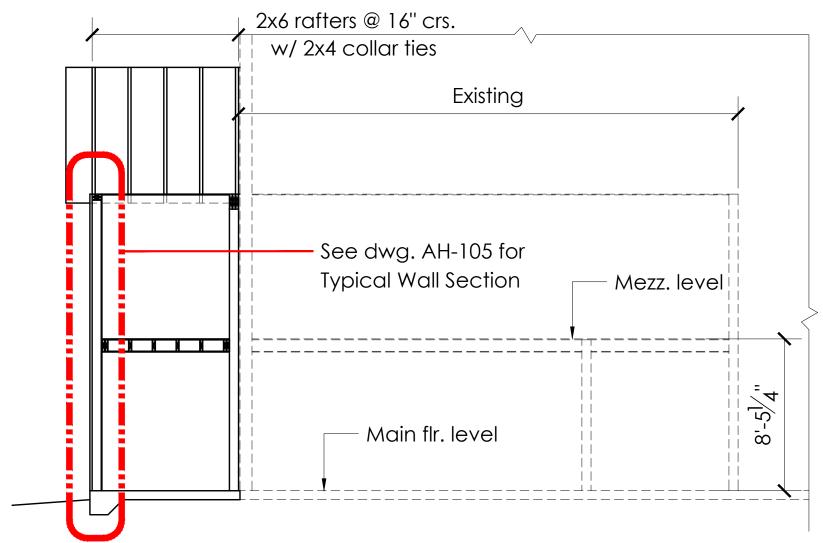






SECTION A-A

Scale: 3/16"=1'-0"



SECTION B-B

Scale: 3/16"=1'-0"

Roof Assembly 26G metal sheeting

1x3 strapping @ 16" crs. Building paper 7/16" aspenite sheathing 2x6 rafters @ 16" crs. R50 batt insulation 2x6 ceiling joists @ 16" crs. ½" resilient channels @ 16" crs. 5%" type 'X' gypsum brd.



2x4 collar ties See typ. wall detail dwg. AH-105 SECTION C-C Scale: 3/16"=1'-0"



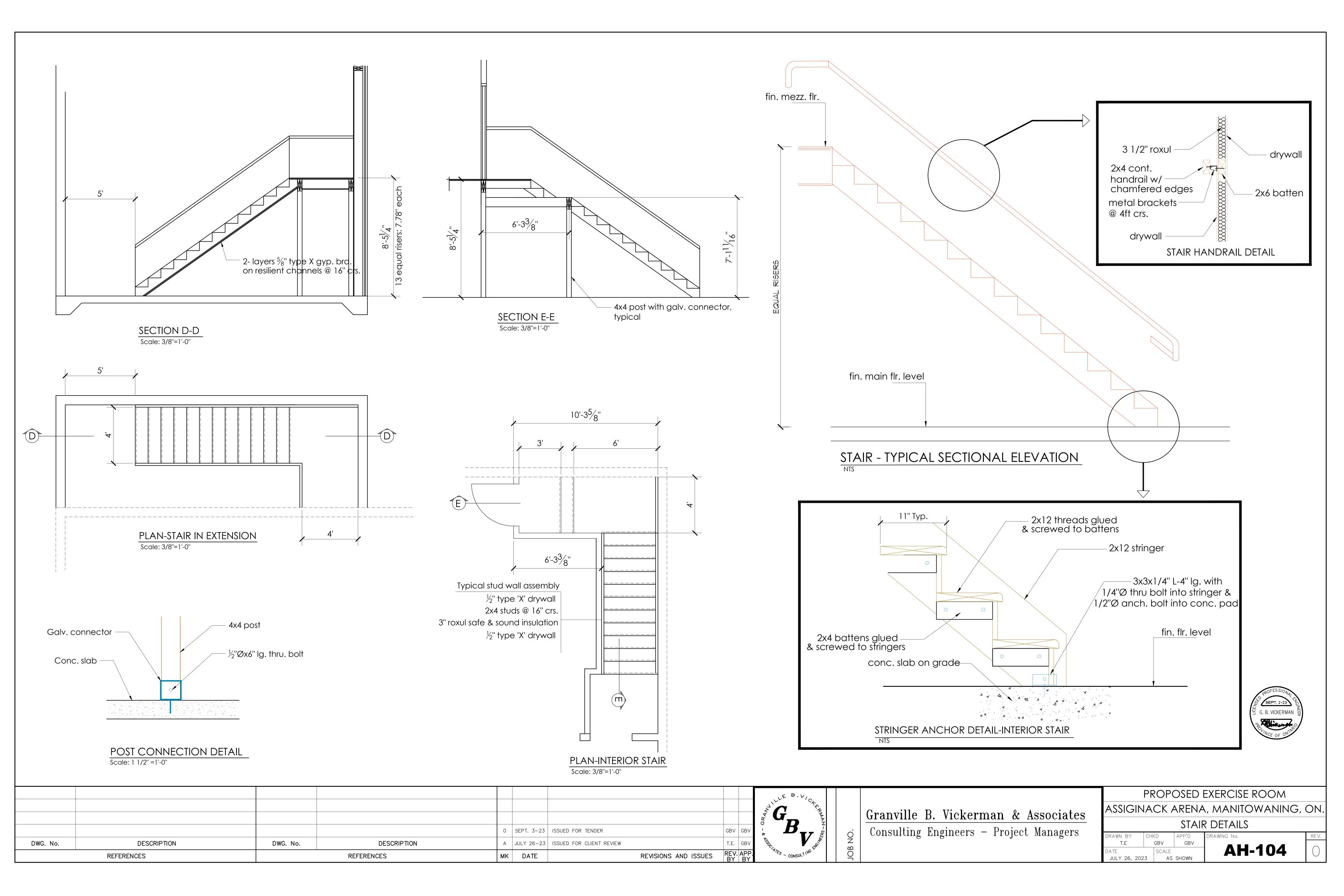
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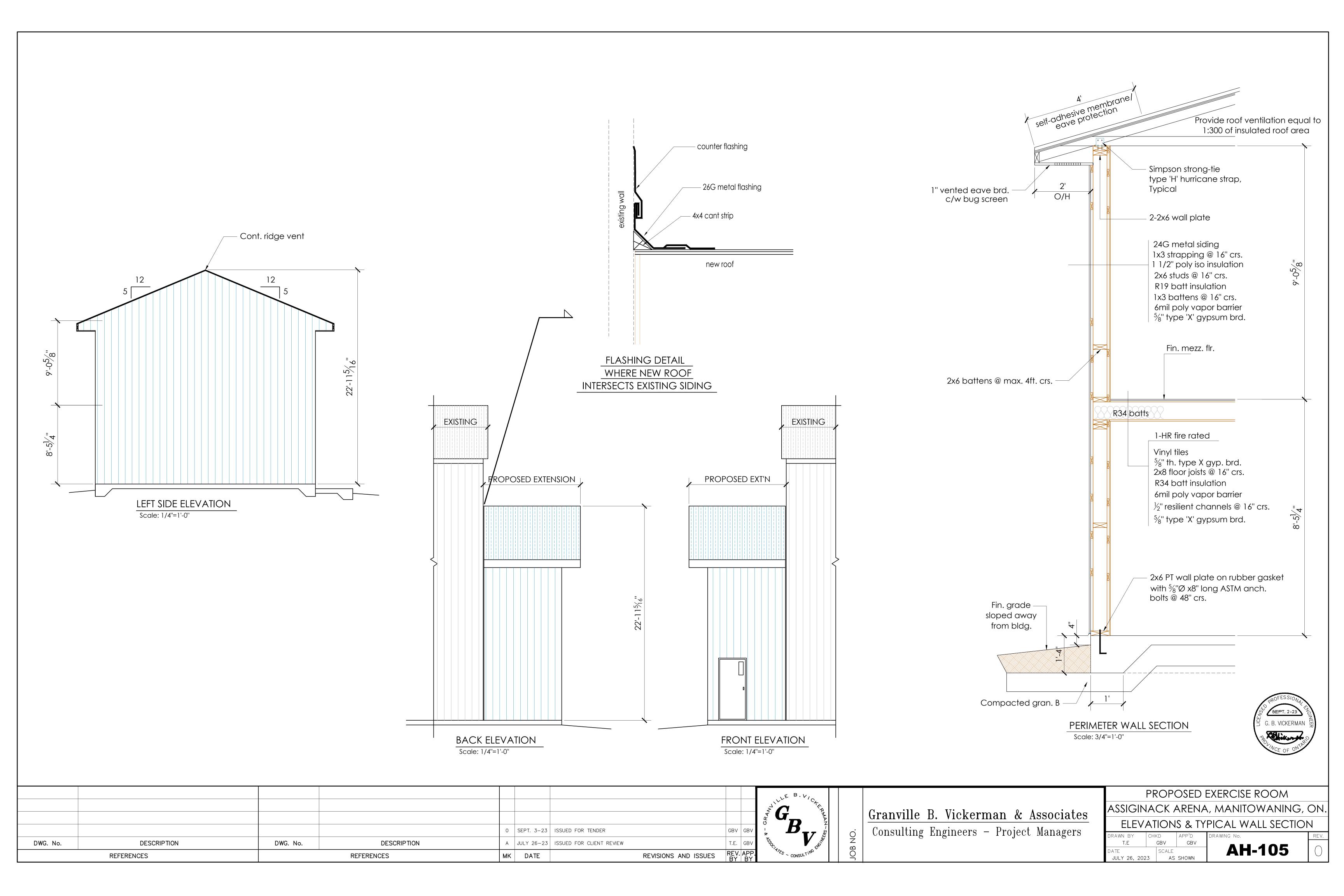


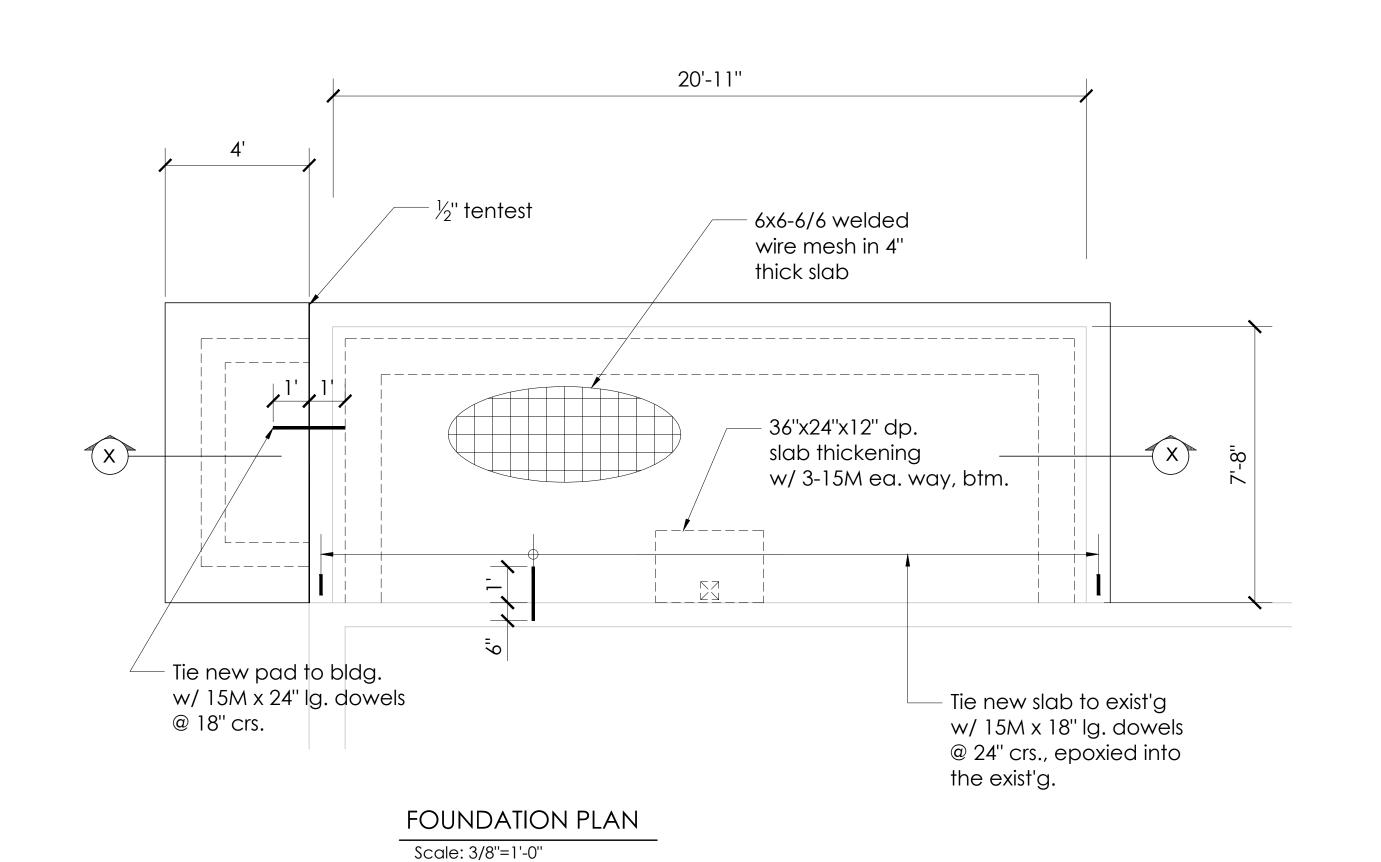
Granville B. Vickerman & Associates Consulting Engineers - Project Managers

PROPOSED EXERCISE ROOM ASSIGINACK ARENA, MANITOWANING, ON. ME77ANINE FRAMING & SECTIONS

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Type B stirrup

- Type B stirrup

10M stirrups @ 48" crs.,

SECTION X-X

Scale: 3/4"=1'-0"

w/ 2-15M top & 2-15M btm., typical for all grade beams

3'-9"

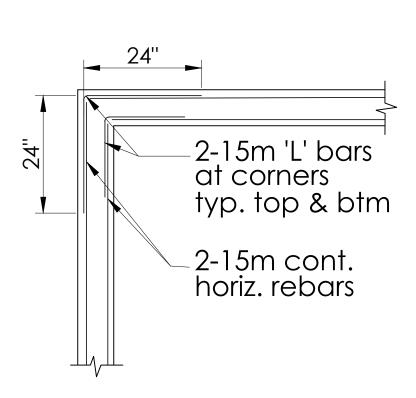
Type A stirrup

Type A stirrup

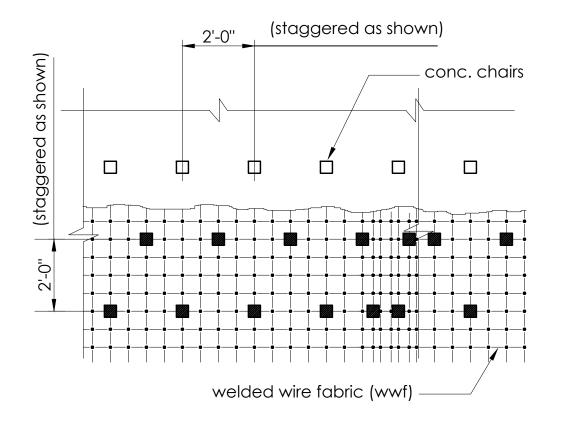
8" min. compacted

granular B

10/2"



TYPICAL CORNER LAP
FOR HORIZ. STEEL REINF'T



- 1. Arrangements for wwf lifting (for chair placement) must be complete prior to any conc. placement.
- 2. Contractor to verify grades to ensure min. slab depths as indicated on plans.
- 3. Do not allow any mechanical equipment over chairs.
- 4. Welded wire fabric to be 152x152 mw2.9xmw2.9 u/n.
- Simple manual lifting of wwf is not acceptable. chairs must be installed as indicated during placement.
- 6. Lift wwf & install chairs (for next adjacent placement) max. 4'-0" from previously placed concrete.

TYPICAL SLAB ON GRADE PLACEMENT

(Assumed allowable soil bearing capacity: 1500 psf.)

SPECIFICATIONS FOR CONCRETE

All cast in place concrete shall be ready mixed conforming to c.s.a. standard a 23.1 and shall have a minimum strength of 32 mpa at 28 days c/w $5 \pm 1\%$ air entrainment. All falsework, formwork, shoring and bracing shall comply to

c.s.a. standards.

Splice for steel reinforcing shall be 2'-0" min, unless noted

Splice for steel reinforcing shall be 2'-0" min. unless noted otherwise.

Concrete reinforcing bars shall be steel bars grade 400.

Concrete protective cover for reinforcing steel shall be as follows: - 3" where concrete is deposited against the ground - 1 1/2" for bars M15 and smaller in forms and exposed to earth or weather.

Nonmetallic concrete floor hardener (durafax i) shall be applied in accordance with manufacturer's instruction for the application.

Welded wire fabric shall conform to the requirements of c.s.a a30.1m

Welded wire fabric shall be lapped min. 6" and shall be placed 2 1/2" from top of conc. floor surface.

SPECIFICATIONS FOR LUMBER

All lumber shall be spruce-pine-fir, species 'd' #2 or better. Truss design criteria: live load: 50 p.s.f.

dead load: top chord: 7 p.s.f. bottom chord: 10 p.s.f.

Trusses to be pre-engineered.
All lumber exposed to weather to be pressure treated.

FOUNDATION PREPARATION

The foundation preparation must extend a minimum of 6ft, beyond the exterior face of the wall.

If clay is encountered, remove and replace it with a minimum of 24" of granular B material compacted in 8" layers.



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22'-3"

6x6-6/6

welded wire mesh, typ.

- 2" rigid insulation, typ.



- Fin. grade

from bldg.

sloped away

Type B stirrup

Granville B. Vickerman & Associates

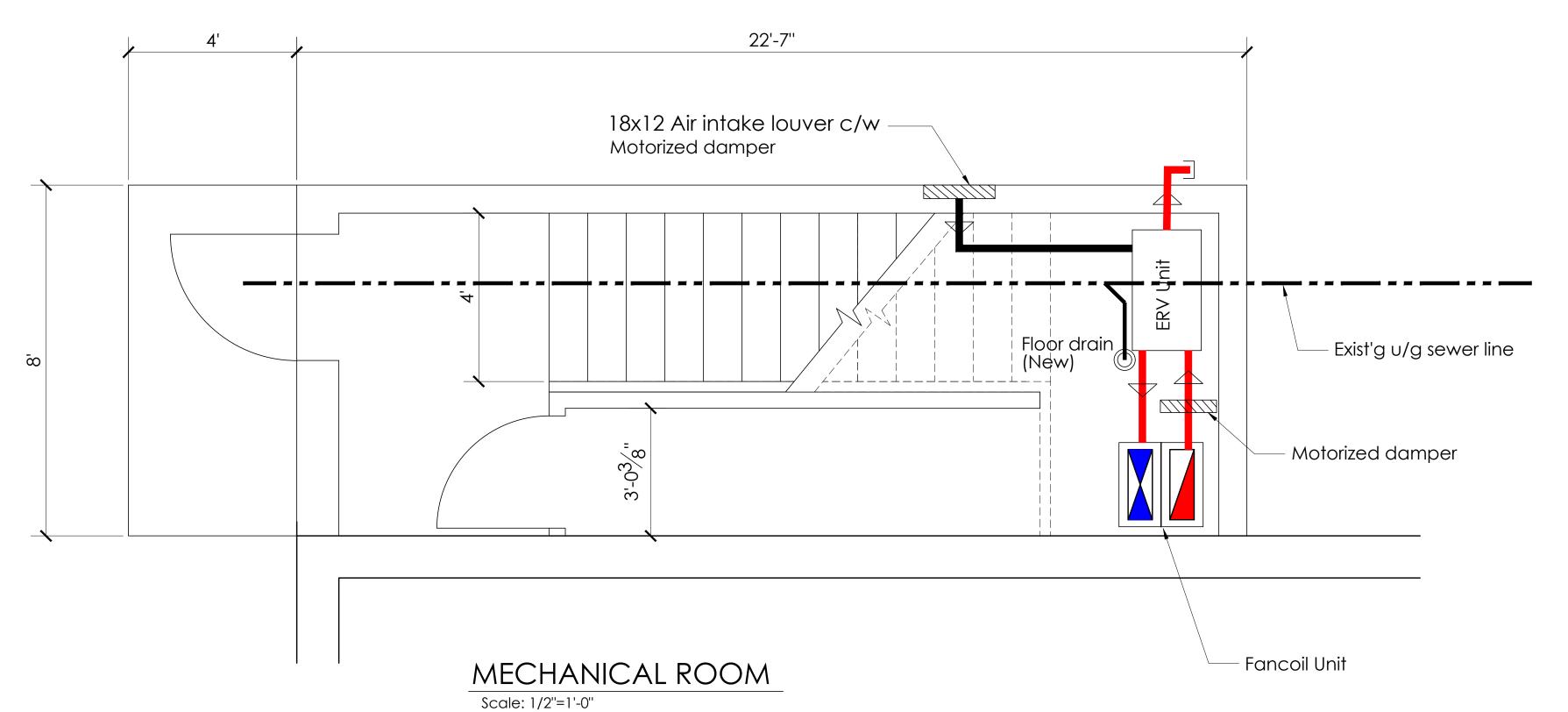
Consulting Engineers - Project Managers

PROPOSED EXERCISE ROOM

ASSIGINACK ARENA, MANITOWANING, ON.
FOUNDATION PLAN & DETAILS

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100 cfm 20x14 [−]8''Ø 10''Ø 15''Ø 12''Ø Supply/return air grilles shall be 100 cfm EH Price Gym Grilles 90 Series or equal. Insulated ductwork shall be located at ceiling level and painted flat black. 100 cfm 400 cfm 400 cfm 400 cfm 400 cfm HVAC - MEZZANINE FLOOR Scale: 3/16"=1'-0"



GENERAL NOTES - MECHANICAL

All aspects of the work shall meet the requirments of the latest issue of the National Building Code and all local authorities having jurisdiction.

- The duct work shall meet the relevant smacna standards for low pressure ducting. All aspects of the fabrication and installation shall meet acceptable industry standards.
- Co-ordinate all aspects of the installation with the lighting and ceiling layout.
- Supply and install balancing dampers on each branch
- 4 All duct sizes are clear inside dimensions.
- Insulate all exhaust ducts with 25mm flexible foil-backed insulation for 1500mm(5ft) from inside face of exterior wall unless noted otherwise.
 Insulate the inside of all main supply and return ducts with 25mm john mansville permacote linacoustic hp or equal, where shown on drawings.
- 6 Connect drain line from cooling coil drip pan into the nearest drain.
- Insulate exterior of all supply ducting with 25mm thk. foil backed mineral fibre insulation, u.n.o.
- Provide trap seal primers and vents for all floor drains, where possible keep vent lines out of exterior walls.
- Bulkheads and pipe chases enclosing sanitary, hot and cold water pipes shall be filled with sound deadening soft foam chips prior to being closed in.
- The locations of the sanitary and water mains are approximate only and shall be confirmed on site to provide continuous and straight runs.
- Pipes passing thru' foundation walls, footings and slabs shall be installed with sleeves and caulked water tight.
- All water service piping shall be copper and be sleeved for its full length under slab to exterior of foundation walls with polyetheylene tubing. 6mm wall thickness. Caulk water tight at both ends.

- Provide a check valve, water hammer arrester and isolation valve on all hosebibb lines. Provide appropriate size access door where valves are concealed in walls.
- Install non-freeze hosebibbs as directed by Owner. Install in exterior wall.
- All under slab (u/g) hot and cold water lines shall be type 'k' soft copper (or approved equal). all below slab runs shall be continuous with no under grade connections. all connections shall be above grade.
- Provide a minimum of 200mm sand bedding for all buried piping.
- a) All natural gas piping shall be sched. 40 black iron pipe. provide pipe supports as per code requirements.
 b) Natural gas lines shall be installed by certified gas fitters.
 c) Gas lines shall be painted yellow on completion.
- Provide 25mm fibre glass insulation to the following above ground piping:
 hot & cold water lines
- sanitary drains and vent lines.
- Provide fire dampers where ductwork penetrate fire-rated assemblies floors, walls, roof, ceiling.
- Provide an air balance report for approval on completion of the work. final air volumes shall be within 5% of the figures shown in the drawings.
- All hot and cold water lines shall be installed within the walls and ceiling bed.
- Connect all services to their nearest and most convenient point.

EQUIPMENT LIST

Fancoil Unit:

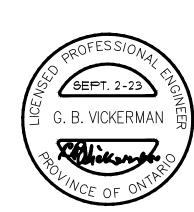
Unit shall be lennox, daikin or equal split system - gas-fired heating with electric cooling - thermostatic control.

Capacities: 5-ton cooling - 100 mbh heating-2300 cfm supply air

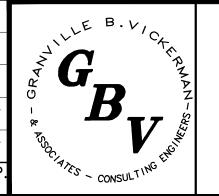
Outdoor mounted matching two-stage condensing units.

ERV Unit:

Fantech, Broan, Soler & Palau or equal capable of handling 600cfm exhaust air volume @ 70° F; 70% relative humidity.
Unit shall be complete with stainless steel heat exchanger and motorized air intake damper.



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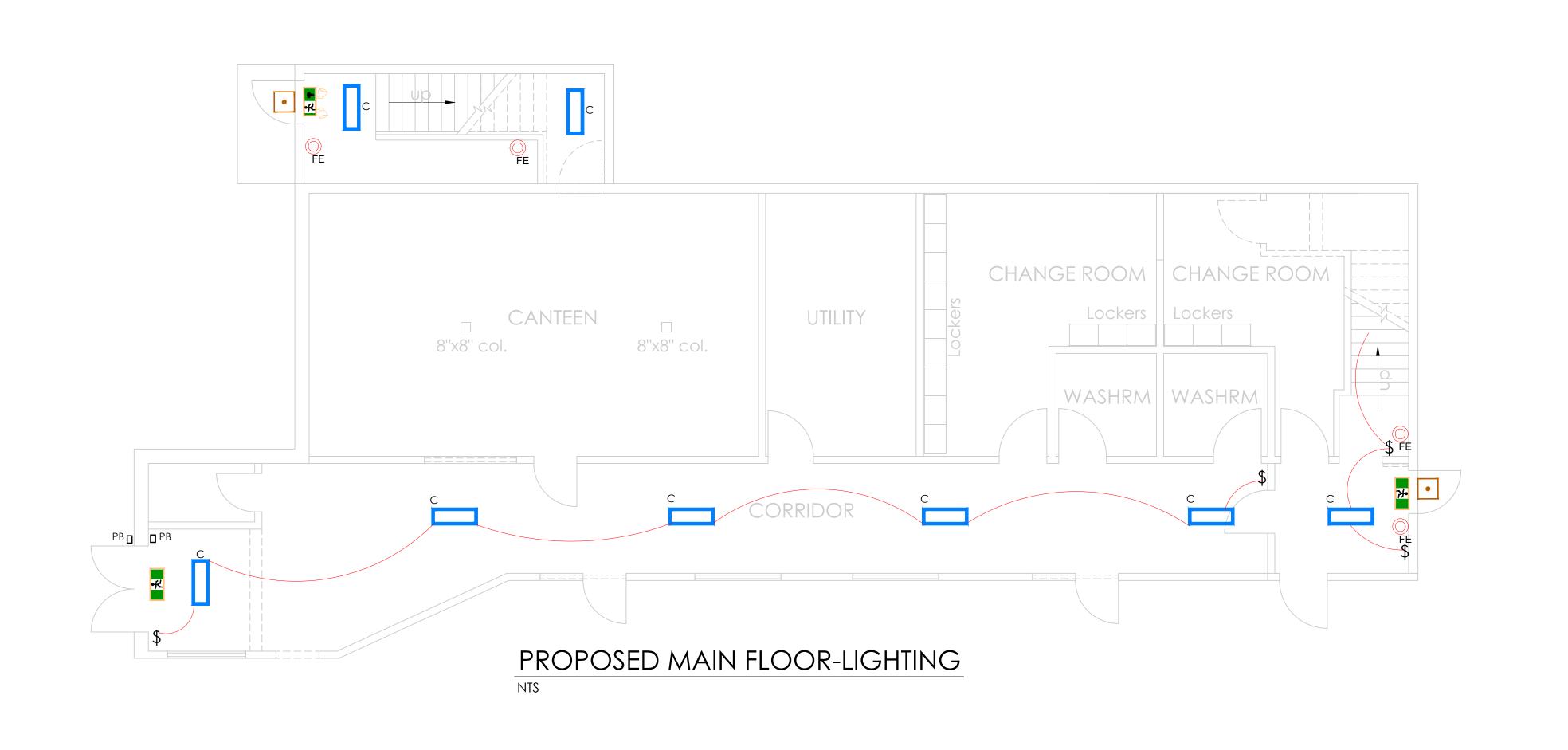
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PROPOSED EXERCISE ROOM

ASSIGINACK ARENA, MANITOWANING, ON.

HVAC SYSTEM

AWN BY T.E	CHKD APP'D GBV GBV		DRAWING No.
TE JULY 26, 2023	SCALE 3 AS	SHOWN	AH-107



LUMINAIRE SCHEDULE

SYMBOL	QTY.	LABEL	ARRANGEMENT	DESCRIPTION	WATTS		
	22	С	STRIP	AIMLITE-S20LS - LED	30W		
•	2	E	SINGLE	EXTERIOR LIGHT-LED WALL PACK - AIMLITE W160L0060-2-47K-P	60W		
龙	2		SELF-POWERED	AIMLITE RPSTUM-WHT-BAT			
₩	3		СОМВО	EMERGENCY/EXIT LIGHTING AIMLITE CSRP-2L			
			NOTE: ALL CIRCUITS TO BE ROUTED TO THE EXISTING PANEL IN THE UTILITY ROOM				

LEGEND

TYPE A, B, C - 10# CAPACITY
FE c/w MOUNTING BRACKET

PUSH BUTTON DOOR OPERATOR
PB

ELECTRICAL NOTES

1. ALL ELECTRICAL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE ONTARIO BUILDING CODE, THE CANADIAN ELECTRICAL CODE, THE CAN/ULC STANDARDS, THE NFPA STANDARDS, THE ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT, LOCAL AUTHORITIES HAVING JURISDICTION.

- 2. ALL SLEEVES, INSERTS, CONCRETE BASES, CURBS, STEEL SUPPORTS, CUTTING & PATCHING, EXCAVATION AND BACKFILLING REQUIRED FOR THE ELECTRICAL INSTALLATION SHALL BE PROVIDED BY THIS CONTRACTOR.
- 3. GENERALLY ALL WIRING SHALL BE RW90 OR AC90. ALL OUTDOOR WIRING SHALL BE TECK 90 OR EQUAL. MINIMUM SIZE WIRING TO BE #12 AWG FOR POWER CIRCUITS AND #14 AWG FOR CONTROL CIRCUITS.
- 5. ALL RECEPTACLE CIRCUIT BREAKERS TO BE 20 AMP. LIGHTING TO BE CONNECTED TO 15 AMP BREAKERS.
- 7. DRAWINGS INDICATE INTENT AND PREFERRED LOCATIONS OF ALL DEVICES AND EQUIPMENT. ALL EQUIPMENT/DEVICES TO BE INSTALLED AS PER EACH GOVERNING CODE/STANDARD. SHOULD THERE BE ANY DISCREPENCIES CONSULT ENGINEER.
- 8. ALL DUPLEX RECEPTACLES FOR EMERGENCY LIGHTING
 BATTERY PAKS TO BE CONNECTED TO THE SAME BRANCH CIRCUIT
 WHICH FEEDS THE NORMAL LIGHTING IN THE AREA COVERED BY
 THAT BATTERY PAK.



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PROPOSED MEZZANINE FLOOR-LIGHTING



Granville B. Vickerman & Associates

Consulting Engineers - Project Managers

	PROPOSED EXERCISE ROOM ASSIGNACK ARENA, MANITOWANING, OF							
	ELECTRICAL							
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DATE	SCALE		AH-108
AUGUST 28, 20)23 AS	SHOWN	

GENERAL REQUIREMENTS SPECIFICATION NOTES THE CONTRACTOR SHALL EMPLOY A COMPETENT SUPERVISOR AND ROUGH CARPENTRY: 7. VAPOUR BARRIERS / RETARDERS: A. THIS PROJECT SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH THE 16. METAL DOORS AND FRAMES: NECESSARY ASSISTANTS WHO SHALL BE IN ATTENDANCE AT THE COMPLY WITH REQUIREMENTS OF OBC, PART 9 AS A MINIMUM. UNDER SLAB-ON GRADE VAPOUR RETARDER: LATEST EDITION OF THE ONTARIO BUILDING CODE, (LATEST REVISIONS PLACE OF THE WORK WHILE WORK IS BEING PERFORMED. .2 PANEL MATERIALS: PLASTIC VAPOUR RETARDER: FROM POLYOLEFIN RESINS PUNCTURE INDICATE EACH TYPE OF DOOR, MATERIAL, STEEL CORE THICKNESSES, INCLUDED), ALL LOCAL BY-LAWS, ACTS AND ORDINANCES. 2 THE SUPERINTENDENT OF WORK SHALL NOT BE CHANGED WITHOUT DOUGLAS FIR PLYWOOD (DFP): TO CSA O121, STANDARD CONSTRUCTION. MORTISES, REINFORCEMENTS, LOCATION OF EXPOSED FASTENERS, VALID REASON. CONTRACTOR SHALL SUBMIT CHANGE OF EXTERIOR LOCATIONS: CANADIAN SOFTWOOD PLYWOOD (CSP) TO CSA B. PERFORM ALL WORK IN ACCORDANCE WITH THE ONTARIO BUILDING CODE AS SUPERINTENDENT IN WRITING. THE CONTRACTOR SHALL SUBMIT 1 ACCEPTABLE PRODUCTS: 'PERMINATOR VAPOR-MAT TAPE', BY W.R. OPENINGS, GLAZED, LOUVERED, ARRANGEMENT OF HARDWARE, FIRE D151, STANDARD CONSTRUCTION, EXTERIOR GRADE AT ALL EXTERIOR A MINIMUM STANDARD. REFER TO APPROPRIATE CSA STANDARDS FOR EXPERIENCE AND QUALIFICATION OF SUPERINTENDENT TO THE MEADOWS, 'STEGO WRAP 115', BY STEGO INDUSTRIES, OR APPROVED RATINGS AND FINISHES. LOCATIONS. .2 INDICATE EACH TYPE FRAME MATERIAL, CORE THICKNESS, ADDITIONAL REQUIREMENTS COVERING WORKMANSHIP AND MATERIALS OWNER AND THE CONSULTANT FOR REVIEW. THE OWNER AND THE 3 CANADIAN SOFTWOOD PLYWOOD (CSP), NOT EXPOSED: TO CSA 0151, JOINT SEALING TAPE: SELF-ADHESIVE TAPE PLASTIC VAPOUR CONSULTANT SHALL HAVE THE SOLE DISCRETION OF ACCEPTING THE REINFORCEMENTS, GLAZING STOPS, LOCATION OF ANCHORS AND STANDARD CONSTRUCTION. C. ALL MATERIALS AND/OR ASSEMBLIES LISTED ON THIS PROJECT SHALL BE IN RETARDER MANUFACTURER FOR SEALING VAPOUR RETARDER EXPOSED FASTENINGS, REINFORCING, FIRE RATING, FINISHES. PROPOSED ALTERNATE SUPERINTENDENT. IF THE PROPOSED 1 INTERIOR LOCATIONS EXPOSED: CANADIAN SOFTWOOD PLYWOOD TO SEAMS AND ATTACHMENT TO FOOTINGS, PROTRUSIONS, 100 MM / 4" ALTERNATE SUPERINTENDENT IS NOT ACCEPTED BY THE OWNER OR 3 INCLUDE SCHEDULE IDENTIFYING EACH UNIT WITH DOOR MARKS AND COMPLIANCE WITH THE PERFORMANCE RATINGS OF THE NATIONS BUILDING CSA 0151, GOOD ONE (1) SIDE (G1S) AT ALL INTERIOR EXPOSED CODE AND/OR APPLICABLE REQUIREMENTS OF ALL APPROVAL AGENCIES. CONSULTANT, ANOTHER SUPERINTENDENT SHALL BE SUBMITTED NUMBERS RELATING TO NUMBERING ON DRAWINGS AND DOOR .2 MANUFACTURER'S INSTRUCTIONS: UNTIL A SUITABLE PERSON IS ACCEPTED.. 4 PLYWOOD, OSB AND WOOD BASED COMPOSITE PANELS: TO CAN/CSA-O325. 1 COMPLIANCE: COMPLY WITH MANUFACTURER'S WRITTEN .2 DOORS: REINFORCE WITH VERTICAL STIFFENERS, SECURELY WELDED TO FACE D. ALL NECESSARY CONTRACT HARDWARE AND ANY OTHER INCIDENTAL ITEMS THE SUPERVISOR SHALL REPRESENT THE CONTRACTOR AT THE WOOD PRESERVATIVE: RECOMMENDATIONS OR SPECIFICATIONS, INCLUDING PRODUCT SHEETS AT 6" ON CENTRE MAXIMUM NECESSARY FOR A COMPLETE JOB SHALL BE OF ACCEPTABLE QUALITY. PLACE OF THE WORK AND NOTICES AND INSTRUCTIONS GIVEN TO THE EXPOSED AND / OR PAINTED SURFACES: SURFACE-APPLIED WOOD TECHNICAL BULLETINS, HANDLING, STORAGE AND INSTALLATION INTERIOR DOORS: HONEYCOMB CONSTRUCTION, STEEL STIFFENED, SUPERVISOR BY THE CONSULTANT SHALL BE HELD TO HAVE BEEN STRENGTH, FINISH, SIZE AND DURABILIT' PRESERVATIVE: COPPER NAPHTHENATE OR 5% PENTACHLOROPHENOL RECEIVED BY THE CONTRACTOR. INSTRUCTIONS, AND DATASHEETS. STRUCTURAL SMALL CELL, 24.5 MM / 1" MAXIMUM KRAFT PAPER SOLUTION WATER REPELLENT PRESERVATIVE F ALL WORKMANSHIP AND MATERIALS EMPLOYED ON THIS PROJECT SHALL BE 'HONEYCOMB', WEIGHT: 36.3 KG / 80 LBS, PER REAM MINIMUM, DENSITY .1 ACCEPTABLE MATERIAL: 'PENTOX' (CLEAR), BY OSMOSE-PENTOX INC., IN COMPLIANCE WITH THE APPLICABLE REQUIREMENTS OF THE CANADIAN U. CONSTRUCTION SITE: 8. THRU WALL FLASHING MEMBRANE: 16.5 KG/M³ MINIMUM SANDED TO REQUIRED THICKNESS. OR SUPER SOLIGNUM 10 10 PAINTABLE PENTA BY SOLIGNUM INC. THE CONTRACTOR SHALL MAINTAIN THE WORK IN A TIDY CONDITION RUBBERIZED REINFORCED ASPHALT COMPOUND, SELF-ADHERED MEMBRANE, FORM FACE SHEETS FOR INTERIOR DOORS FROM 18 GA. SHEET FOR CONCEALED SURFACES: PENTACHLOROPHENOL USE IS RESTRICTED AND FREE FROM THE ACCUMULATION OF WASTE PRODUCTS AND 1.0mm THICK, WIDTH TO SUITE APPLICATION. TO BUILDING COMPONENTS THAT ARE IN GROUND CONTACT AND SUBJECT TO ACCEPTABLE PRODUCT: "BLUESKIN TWF" BY BAKOR, OR 'SOPRASEAL WFM' F. ALL WORKMANSHIP SHALL BE IN COMPLIANCE WITH GOOD TRADE PRACTICES. .2 EXTERIOR DOORS: INSULATED CONSTRUCTION, STEEL STIFFENED, FACE DEBRIS, OTHER THAN THAT CAUSED BY THE OWNER, OTHER DECAY OR INSECT ATTACK ONLY. WHERE USED, BY SOPREMA, OR APPROVED ALTERNATE. CONTRACTORS AND THEIR EMPLOYEES. SHEETS LAMINATED WITH INSULATED CORE. PENTACHLOROPHENOL-TREATED WOOD MUST BE COVERED WITH TWO G. ALL MATERIALS SHALL BE NEW AND OF GOOD QUALITY, UNLESS OTHERWISE .2 THE CONTRACTOR SHALL REMOVE WASTE PRODUCTS AND DEBRIS, MANUFACTURER'S INSTRUCTIONS: .1 FORM FACE SHEETS FOR EXTERIOR DOORS FROM 18 GA. SHEET COATS OF AN APPROPRIATE SEALER. COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS OR OTHER THAN THAT RESULTING FROM THE WORK OF THE OWNER. ACCEPTABLE MATERIAL: 'PENTOX' (GREEN), BY OSMOSE-PENTOX INC. SPECIFICATIONS, INCLUDING PRODUCT TECHNICAL BULLETINS, HANDLING, .2 INSULATION: POLYURETHANE, RIGID EXTRUDED, CLOSED CELL OTHER CONTRACTORS OR THEIR EMPLOYEES, AND SHALL LEAVE THE OR PRESERV-GREEN 1-42 BY SOLIGNUM INC. H. SUPPLY AND INSTALL ALL NECESSARY CONTRACT HARDWARE OF STORAGE AND INSTALLATION INSTRUCTIONS, AND DATASHEETS. BOARD AND HEAT RESISTENT. DENSITY; 16 TO 32 KG/M³, THERMAL WORK CLEAN AND SUITABLE FOR OCCUPANCY BY THE OWNER .6 COATINGS: IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR BEFORE ATTAINMENT OF SUBSTANTIAL PERFORMANCE OF THE WORK. ACCEPTABLE QUALITY STRENGTH FINISH SIZE AND DURABILITY AND ANY VALUES; RSI 1.0 (R 6.0) MINIMUM, TYPE 1, IN ACCORDANCE WITH ASTM SURFACE CONDITIONS OTHER INCIDENTAL ITEMS NECESSARY FOR A COMPLETE JOB. THE CONTRACTOR SHALL REMOVE PRODUCTS TOOLS THE CONTRACTOR SHALL HAVE TOTAL CONTROL OF THE WORK AND SHALL CONSTRUCTION MACHINERY, AND EQUIPMENT NOT REQUIRED FOR FRAMES: REINFORCE, DRILL AND TAP FRAMES FOR MORTISED, TEMPLATED 13. ROOF HATCHES: 2. FINISHED CARPENTRY: ROOF HATCH: SHALL BE MODEL S-50-TB BY BILCO - LADDER ACCESS / 2'-6" X 3'-0" EFFECTIVELY DIRECT AND SUPERVISE THE WORK SO AS TO ENSURE HARDWARE, ELECTRONIC HARDWARE, USING TEMPLATES PROVIDED BY THE PERFORMANCE OF THE REMAINING WORK. .1 SOFTWOOD LUMBER MATERIAL, S4S, MOISTURE CONTENT 19% OR LESS IN CONFORMITY WITH THE CONTRACT DOCUMENTS. PRIOR TO APPLICATION FOR THE FINAL CERTIFICATE FOR PAYMENT WITH CURB AND DOOR(S) CONSTRUCTION FROM 1 89 MM / 14 GA PRIMER COATED ACCORDANCE WITH FOLLOWING STANDARDS HARDWARE SUPPLIER. REINFORCE FRAMES FOR SURFACE MOUNTED THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION THE CONTRACTOR SHALL REMOVE PRODUCTS, TOOLS, GALVANIZED STEEL C/W FACTORY FINISHED WITH GREY PRIMER, DOOR CONSTRUCTION MACHINERY AND EQUIPMENT, AND WASTE PRODUCTS MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR FROM 1.2MM / 18 GA. PRIMER COATED GALVANIZED STEEL AND 25.4MM / 1' HARDWARE, PREPARE FRAME FOR DOOR SILENCERS, THREE (3) FOR SINGLE CAN/CSA-7809 OR ESC OR SELCERTIFIED CO-ORDINATING THE VARIOUS PARTS OF THE WORK UNDER THE CONTRACT AND DEBRIS, OTHER THAN THAT RESULTING FROM THE WORK OF THE FIBER INSULATION, 457MM / 18" HIGH CURB WITH 25.4MM / 1" FIBER INSULATION. DOOR TWO (2) AT HEAD FOR DOUBLE DOOR PROVIDE TWO (2) ANCHORS FOR NLGA STANDARD GRADING RULES FOR CANADIAN LUMBER REBATE OPENING HEIGHTS UP TO 5'-0" AND ONE (1) ADDITIONAL ANCHOR FOR OWNER, OTHER CONTRACTORS OR THEIR EMPLOYEES. .2 ACCESSORIES AND OPTIONS: MACHINE STRESS-RATED LUMBER IS ACCEPTABLE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION HARDWARE: HEAVY DUTY PINTLE HINGES, TORSION BAR OPERATED EACH ADDITIONAL 2'-6" OF HEIGHT OR FRACTION THEREOF. 4 PRIOR TO APPLICATION OF MONTHLY PROGRESS PAYMENT THE HARDWOOD LUMBER, S4S, MOISTURE CONTENT [5-9]% OR LESS IN CONTRACTOR SHALL PROVIDE EVIDENCE TO THE CONSULTANT THAT SAFETY AT THE PLACE OF THE WORK AND FOR COMPLIANCE WITH THE DOORS / HELI COIL OPERATED DOORS, LATCHING MECHANISMS, INTERIOR ACCORDANCE: RULES, REGULATIONS, AND PRACTICES REQUIRED BY THE APPLICABLE AS-BUILT INFORMATION HAS BEEN RECORDED ON A "MASTER" (AND EXTERIOR) PADI OCK HASPS AND NEOPRENE DRAFT SEAL NATIONAL HARDWOOD LUMBER ASSOCIATION (NHLA). CONSTRUCTION HEALTH AND SAFETY LEGISLATION AND SHALL BE 25. EXTERIOR PAINTING AS-CONSTRUCTED SET OF DRAWINGS. AUTOMATIC HOLD-OPEN ARM C/W A FOAM RUBBER GRIP HANDLE CAN/CSA-Z809 OR FSC OR SFI CERTIFIED. 5 THE CONTRACTOR SHALL HAVE 2 FULL SETS OF CONTRACT RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY CADMIUM PLATED FINISH. B PANEL MATERIAL: .2 SAFETY BAR: 35 MM / 1 1/4" DIAMETER SAFETY BAR COATED WITH PVC, .1 PROVIDE TOP OF LINE PRODUCTS ONLY OF A SINGLE MANUFACTURER FOR PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE PERFORMANCE OF DOCUMENTS ON SITE. CONTRACTOR TO USE ONE SET TO CLEARLY CAN/CSA-Z809 OR FSC OR SFI CERTIFIED. PAINT MATERIALS FOR EACH COATING FORMULAE. MOUNTED ON HATCH CURB WITHOUT IMPEDING OPERATION OF THE DOOR. MARK AS-BUILT INFORMATION. RETURN AS-CONSTRUCTED DRAWINGS DOUGLAS FIR PLYWOOD (DFP): TO [CSA O121], STANDARD CONSTRUCTION. THE CONTRACTOR SHALL EMPLOY A COMPETENT SUPERVISOR AND .2 PRODUCTS SPECIFIED IN PART 3 EXTERIOR FINISHES ARE BY DULUX TO WIND GUST CONTROL: MOUNTED ON THE SIDE OF THE HATCH. TO CONSULTANT PRIOR TO FINAL PAYMENT. CANADIAN SOFTWOOD PLYWOOD (CSP): TO [CSA O151], STANDARD NECESSARY ASSISTANTS WHO SHALL BE IN ATTENDANCE AT THE 6 CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AT TIME OF TENDER. MANUFACTURER: BILCO, LEXSUCO CORPORATION, LEXCOR, OR APPROVED LEED CANADA NC & CS 2009. UNLESS OTHERWISE NOTED. ONLY TOP OF CONSTRUCTION. LINE EQUIVALENT PRODUCTS BY BENJAMIN MOORE. CIL. DULUX PAINTS. PLACE OF THE WORK WHILE WORK IS BEING PERFORMED. THE NOTIFY CONSULTANT OF ANY DISCREPANCIES PRIOR TO SUBMITTING AI TERNATE .4 INSTALLATION: .4 INSTALLATION: COMPLY WITH MANUFACTURER'S WRITTEN DATE, INCLUDING SUPERVISOR SHALL NOT BE CHANGED EXCEPT FOR VALID REASON. MF PAINTS, PITTSBURG PAINTS, AND PARA PAINTS WILL BE ACCEPTABLE THE TENDER SUM. DO FINISH CARPENTRY TO QUALITY STANDARDS OF (AWMAC). THE SUPERVISOR SHALL REPRESENT THE CONTRACTOR AT THE PLACE PRODUCT TECHNICAL BULLETINS, PRODUCT CATALOGUE INSTALLATION FOR THIS PROJECT SCRIBE AND CUT AS REQUIRED, FIT TO ABUTTING WALLS, AND SURFACES. .2 MANUFACTURER'S INSTRUCTIONS: OF THE WORK AND NOTICES AND INSTRUCTIONS GIVEN TO THE V. CONTRACTOR TO ASSUME THAT ALL MATERIALS, SYSTEMS, AND INSTRUCTIONS, PRODUCT CARTON INSTALLATION INSTRUCTIONS, AND DATA FIT PROPERLY INTO RECESSES AND TO ACCOMMODATE PIPING, COLUMNS, 1 COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS OR SUPERVISOR BY THE CONSULTANT SHALL BE HELD TO HAVE BEEN COMPONENTS SHOWN IN DRAWINGS ARE NEW UNLESS OTHERWISE NOTED. FIXTURES, OUTLETS, OR OTHER PROJECTING, INTERSECTING OR SPECIFICATIONS, INCLUDING PRODUCT TECHNICAL BULLETINS, HANDLING, RECEIVED BY THE CONTRACTOR. PENETRATING OBJECTS. THE CONTRACTOR SHALL MAINTAIN THE WORK IN A TIDY CONDITION AND FREE FROM THE ACCUMULATION OF WASTE PRODUCTS AND W. WHERE NOTES ON DRAWINGS READ "MAKE GOOD" OR "PATCH", 14. FIRE STOPPING: STORAGE AND INSTALL ATION INSTRUCTIONS AND DATASHEETS .3 FORM JOINTS TO CONCEAL SHRINKAGE. .2 APPLY PAINT MATERIALS IN ACCORDANCE WITH PAINT MANUFACTURER'S CONTRACTOR SHALL REPAIR AREA REFERRED TO WITH MATERIALS OF LIKE .1 MATERIALS DEBRIS, OTHER THAN THAT CAUSED BY THE OWNER, OTHER KIND AND QUALITY .1 FIRE STOPPING AND SMOKE SEAL SYSTEMS: IN ACCORDANCE WITH WRITTEN APPLICATION INSTRUCTIONS. 3. BITUMINOUS DAMPPROOFING: CONTRACTORS AND THEIR EMPLOYEES. .4 THE CONTRACTOR SHALL REMOVE WASTE PRODUCTS AND DEBRIS, X. NO OPEN FLAME SHALL BE USED FOR PREPARATION OR INSTALLATION OF .1 ASPHALT: 1 ASBESTOS-FREE MATERIALS AND SYSTEMS CAPABLE OF 26. INTERIOR PAINTING: .1 FOR APPLICATION ADN CURING AT TEMPERATURE ABOVE 5 DEGREES C: PROVIDE TOP OF LINE PRODUCTS ONLY OF A SINGLE MANUFACTURER FOR PAINT MATERIALS FOR EACH COATING FORMULAE. OTHER THAN THAT RESULTING FROM THE WORK OF THE OWNER, THE WORK. MAINTAINING EFFECTIVE BARRIER AGAINST FLAME, SMOKE AND ASPHALT EMULSION DAMPPROOFING CONFORMING TO CAN/CGSB-37.2. OTHER CONTRACTORS OR THEIR EMPLOYEES, AND SHALL LEAVE THE GASES IN COMPLIANCE WITH REQUIREMENTS OF CAN-ULC-S115 AND ACCEPTABLE MATERIAL: '700-01' ASPHALT EMULSION DAMPPROOFING WORK CLEAN AND SUITABLE FOR OCCUPANCY BY THE OWNER Y WARRANTY NOT TO EXCEED OPENING SIZES FOR WHICH THEY ARE INTENDED. 2 PRODUCTS SPECIFIED IN PART 3 INTERIOR FINISHES ARE BY DUI LIX TO LEED BY BAKOR, OR APPROVED ALTERNATIVE. BEFORE ATTAINMENT OF SUBSTANTIAL PERFORMANCE OF THE WORK. 1 PROVIDE TEN (10) YEARS WRITTEN SYSTEM WARRANTY FOR ALL CANADA NC & CS 2009, UNLESS OTHERWISE NOTED. ONLY TOP OF LINE .2 FIRE STOP SYSTEM RATING: TO CORRESPOND WITH TESTED .2 FOR APPLICATION AND CURING AT TEMPERATURES BELOW 5 DEGREES C: EQUIVALENT PRODUCTS BY BENJAMIN MOORE, CIL, DULUX PAINTS, MF PAINTS, THE CONTRACTOR SHALL REMOVE PRODUCTS, TOOLS, CONSTRUCTION ROOFING TYPES UNLESS NOTED OTHERWISE ON DRAWINGS. ASSEMBLIES, OR ACCEPTABLE CALCULATION PROCEDURES TO PREMIUM GRADE FIBRATED ASPHALT COATING FOR HORIZONTAL AND MACHINERY, AND EQUIPMENT NOT REQUIRED FOR THE PERFORMANCE CANADIAN INDUSTRIAL ROOFER'S ASSOCIATION STANDARD FORM OF PROVIDE FIRE RESISTANCE RATINGS AS INDICATED. PITTSBURG PAINTS, AND PARA PAINTS WILL BE ACCEPTABLE FOR THIS VERTICAL FOUNDATION WALL APPLICATIONS, TO CAN/CGSB-37.16. .3 DAMMING AND BACKUP MATERIALS, SUPPORTS AND ANCHORING OF THE REMAINING WORK. GUARANTEE IS NOT ACCEPTABLE PROJECT. .1 ACCEPTABLE MATERIALS: '710-11' PREMIUM GRADE FOUNDATION .3 INTERIOR FINISHING SCHEDULE: .5 PRIOR TO APPLICATION FOR THE FINAL CERTIFICATE FOR PAYMENT, .2 THE CONTRACTOR WILL PROVIDE A WARRANTY FOR THIS PROJECT, DEVICES: TO MANUFACTURER'S RECOMMENDATIONS, AND IN COATING BY BAKOR, OR APPROVED ALTERNATE. GALVANIZED METAL (DOORS, FRAMES, RAILINGS, MISC. STEEL, PIPES, THE CONTRACTOR SHALL REMOVE PRODUCTS, TOOLS, CONSTRUCTION VALID FOR A PERIOD OF FOUR (4) YEARS COVERING LABOUR ACCORDANCE WITH TESTED ASSEMBLY BEING INSTALLED AS 2 ASPHALT PRIMER: MACHINERY AND EQUIPMENT, AND WASTE PRODUCTS AND DEBRIS. MATERIALS AND WORKMANSHIP FOR ENTIRE AREA OF THE PROJECT ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. OVERHEAD DECKING, AND DUCTS): TO RECEIVE SEMI-GLOSS FINISH, ACCEPTABLE MATERIALS: OTHER THAN THAT RESULTING FROM THE WORK OF THE .4 SEALANTS / SILICONE: TO MANUFACTURER'S RECOMMENDATIONS. .1 FOR TEMPERATURES ABOVE 5 DEGREES C, TO CAN/CGSB-37.2: Z. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OR INSTALLATION OF 1 ONE COAT 'DULUX METALCLAD ANTI-RUST, NO 218489', PRIMER BY OWNER, OTHER CONTRACTORS OR THEIR EMPLOYEES. AND IN ACCORDANCE WITH TESTED ASSEMBLY BEING INSTALLED AS '700-01' ASPHALT EMULSION DAMMPROOFING AS MANUFACTURED BY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, COLOUR AS BUILDING COMPONENTS. BAKOR DILUTED 20% WITH CLEAN WATER. OR APPROVED .2 TWO COATS 'DULUX DIAMOND INTERIOR 100% ACRYLIC, NO. 13210', BY BUILDING PERMIT: LATER SELECTED BY CONSULTANT FROM MANUFACTURER'S THE OWNER SHALL OBTAIN AND PAY FOR THE BUILDING PERMIT. ALTERNATE. 2. DOCUMENTS COMPLETE COLOUR RANGE. .2 FOR TEMPERATURES BELOW 5 DEGREES C TO THE REQUIREMENTS THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL OBTAIN AND .5 FIRE STOP INSULATION: MINERAL WOOD INSULATION AS PER .2 WOOD PAINTED (INCLUDING DOORS, DOOR AND WINDOW FRAMES, OF CAN/CGSB 37.9: '910-01' PENETRATING ASPHALT PRIMER BY 1 THE NUMBER OF COPIES OF THE CONTRACT DOCUMENTS PROVIDED PAY FOR ANY OTHER PERMITS AND ADMINISTRATION RELATED TO THE SEALANT MANUFACTURER WRITTEN RECOMMENDATIONS FOR CASINGS, MOULDINGS MDF, PANELING AND VENEERS), SEMI-GLOSS FINISH BAKOR, OR APPROVED ALTERNATE. TO THE CONTRACTOR, WITHOUT CHARGE, FOR THE PERFORMANCE OF BUILDING PERMIT ONE COAT 'DULUX GRIPPER, NO 250', PRIMER BY DULUX. INTENDED USE. .3 APPLICATION: .6 FIRE STOP MORTAR: NON-COMBUSTIBLE, FIBRE REINFORCED, HE WORK SHALL NOT EXCEED SIX (6) COPIES. TWO COATS 'DULUX DIAMOND INTERIOR 100% ACRYLIC, NO 13210' BY DO DAMPPROOFING IN ACCORDANCE WITH MANUFACTURER'S WRITTEN .2 ADDITIONAL COPIES OF THE CONTRACT DOCUMENTS MAY BE K CONTRACTOR TO ASSUME THAT ALL MATERIALS SYSTEMS AND FOAMED CEMENT MORTAR, ULC LABELLED. RECOMMENDATIONS, AND CAN/CGSB-37.3 EXCEPT WHERE SPECIFIED .1 ACCEPTABLE MATERIAL: 'A/D FIREBARRIER MORTAR'. BY A/D OMPONENTS SHOWN IN DRAWINGS ARE NEW UNLESS OTHERWISE NOTED PURCHASED BY THE CONTRACTOR FROM THE CONSULTANT AT THE .3 PLASTER AND GYPSUM BOARD (GYPSUM WALL BOARD, DRYWALL, "SHEET FIRE PROTECTION SYSTEMS INC., OR EQUIVALENT BY HILTI OR CONSULTANT'S COST PRICE. ROCK TYPE MATERIAL", AND TEXTURED FINISHES), FLAT FINISH FOR APPLICATION OF DAMPPROOFING COATING FOR TEMPERATURES ABOVE 5 . CONTRACTOR TO ASSUME THAT DETAILS ARE TYPICAL FOR ALL LIKE AND/OR CEILINGS, APPLY: APPROVED ALTERNATE. .7 SHEET METAL FIRE STOPPING IN ACCORDANCE WITH OBC 3 1 11 7(2) SIMILAR CONDITIONS THROUGHOUT AREA OF THE WORK. SHOP DRAWINGS ONE COAT 'DULUX LIFEMASTER INTERIOR LATEX, NO 59113', BY .1 APPLY A COAT OF ASPHALT EMULSION DAMPPROOFING DILUTED 20% 1 SHEET METAL FIRE STOPPING: MIN 0.38 MM / 28 GALIGE SHEET WITH CLEAN WATER AT THE RATE OF 0.5L/M2 AS A PRIMER AND M. WHERE NOTES READ "MAKE GOOD" OR "PATCH" CONTRACTOR TO REPAIR .1 SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH THE INDIVIDUAL METAL SIZE AND SHAPE TO SUIT OPENING. PROVIDE .2 TWO COATS 'DULUX DIAMOND MATT INTERIOR 100% ACRYLIC, NO ALLOW TO DRY. AREA WITH MATERIALS OF LIKE KIND AND QUALITY SECTIONS OF SPECIFICATIONS AND AS MAY BE REASONABLY CONTINUOUS SUPPORTS TO ALL JOINTS. 12110', BY DULUX. .2 APPLY A SECOND COAT OF ASPHALT EMULSION DAMPPROOFING AT REQUESTED BY CONSULTANT. PREPARE ORIGINAL DRAWINGS AS A .4 PLASTER AND GYPSUM BOARD WALLS AND CEILINGS (GYPSUM 2 MANUFACTURER'S INSTRUCTIONS: RATE OF 1.0 TO 1.5L/M2 AND ALLOW TO DRY. N. MANUFACTURER OF ROOF SYSTEM, AND INSTALLER SHALL DEMONSTRATE AT COMPLIANCE: COMPLY WITH MANUFACTURER'S WRITTEN BASIS FOR SHOP DRAWINGS; COPIES OF CONTRACT DRAWINGS ARE WALLBOARD, DRYWALL, "SHEET ROCK TYPE MATERIAL", AND TEXTURED APPLICATION OF DAMPPROOFING COATING FOR TEMPERATURES BELOW 5 FINISHES), SEMI-GLOSS FINISH FOR WALLS AND CEILINGS, APPLY: EAST FIVE YEARS EXPERIENCE IN PROJECTS SIMILAR SCOPE RECOMMENDATIONS OR SPECIFICATIONS, INCLUDING PRODUCT NOT ACCEPTABLE. DEGREES C (40 DEGREES E) 2 SHOP DRAWINGS TO BE SUBMITTED IN THE FORM OF ONE (1) PDF ONE COAT 'DULUX LIFEMASTER INTERIOR LATEX, NO 59113', BY FECHNICAL BULLETINS, HANDLING, STORAGE AND INSTALLATION 1 APPLY A COAT OF PRIMER AT RATE OF 0.5 TO 2.0L/M2 AND ALLOW TO O AS-CONSTRUCTED DRAWINGS: PRINT UNLESS NOTED OTHERWISE. MULTIPLE PRINTS WILL NOT BE INSTRUCTIONS, AND DATASHEETS. CURE UNTIL TOUCH DRY. THE CONSULTANT SHALL PROVIDE THE CONTRACTOR WITH TWO (2) REVIEWED. WHERE APPLICABLE AND WHERE INFORMATION IN .2 TWO COATS 'DULUX DIAMOND INTERIOR 100% ACRYLIC, NO 13210', BY APPLY A COAT OF FIBRATED ASPHALT DAMPPROOFING AT RATE OF COMPLETE SETS OF DRAWINGS QUESTIONS IS SUITABLE SIZE FOR PHOTOCOPYING, STANDARD THE CONTRACTOR SHALL PROVIDE TO THE CONSULTANT TWO (2) 1.0 TO 1.5L/M2 AND ALLOW TO CURE .5 PLASTER AND GYPSUM BOARD (GYPSUM WALLBOARD, DRYWALL, "SHEET MANUFACTURER'S CATALOGUE CUTS MAY BE SUBMITTED, (ONE (1) .1 EXTERIOR USE .4 FINISH DAMPPROOFING APPLICATION WITH TOP EDGE STRAIGHT, CLEAN .1 ALL AREAS UNLESS SPECIFIED OTHERWISE: MULTI-COMPONENT, COPIES OF ALL CONSTRUCTION DOCUMENTS NOTING ALL ROCK TYPE MATERIAL", AND TEXTURED FINISHES), SEMI-GLOSS FINISH AS-CONSTRUCTED CONDITIONS AS FOLLOWS .3 SHOP DRAWINGS SUBMITTED, WHICH HAVE NOT BEEN THOROUGHLY POLYEPOXIDE URETHANE SEALANT MEETING CGSB SPECIFICATION FOR WALLS AND CEILINGS - HARD USE, APPLY: .1 ALL CHANGES IN THE WORK OF ALL TRADES WHETHER ARISING REVIEWED COORDINATED STAMPED DATED AND SIGNED BY A CAN/CGSB-19.24-M90, TYPE 2, CLASS B: 1 ONE COAT 'DULUX LIFEMASTER INTERIOR LATEX, NO 59113', BY 4. BOARD INSULATION: FROM SITE CONDITIONS OR CHANGES ORDERED IN THE SCOPE RESPONSIBLE PERSON IN CONTRACTOR'S OFFICE WILL BE RETURNED .1 ACCEPTABLE PRODUCT: 'DYMERIC' BY TREMCO LTD OR APPROVED EXTRUDED POLYSTYRENE FOR FROST PROTECTION, FOUNDATION WALLS AND REVIEW BY CONSULTANT IS FOR THE SOLE PURPOSE OF .2 TWO COATS 'DULUX X-PERT WATERBORNE ALKYD, NO 24010', BY CAVITY WALLS WHERE INDICATED: .2 THE LOCATION OF ALL CONSTRUCTION QUALITY CONTROL TESTING. .2 GLASS TO GLASS, GLASS TO METAL AND METAL TO METAL CURTAIN WALL ASCERTAINING CONFORMANCE WITH GENERAL DESIGN CONCEPT .1 CLOSED CELL, TO CAN/ULC-S701, TYPE 4, R-VALUE PER 25.4 MM / 1": RSI .3 THE CONSULTANT WILL NOT ISSUE A FINAL CERTIFICATE FOR .4 MANUFACTURER'S INSTRUCTIONS: REVIEW DOES NOT MEAN THE CONSULTANT HAS APPROVED DESIGN JOINTS: MEDIUM MODULUS, MOISTURE CURING, ONE PART SILICONE 0.88 / R5.0, THICKNESS AS INDICATED, WIDTH TO SUIT APPLICATION, DETAIL INHERENT IN THE SHOP DRAWINGS, RESPONSIBILITY FOR SEALANT. MEETING THE SPECIFIED REQUIREMENTS OF SPECIFICATION .1 COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS OR SQUARE EDGES FOR WALL CAVITIES, SHIPLAPPED EDGES FOR SPECIFICATIONS, INCLUDING PRODUCT TECHNICAL BULLETINS, HANDLING, SUBMITTED ALONG WITH ALL OTHER REQUIRED WHICH SHALL REMAIN WITH THE CONTRACTOR SUBMITTING SAME CAN/CGSB-19.13-M87. CLASSIFICATION MCG-2-25-A-I FOUNDATION WALLS AND FROST PROTECTION. DOCUMENTATION. SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF HIS 1 ACCEPTABLE PRODUCT: 'SPECTREM 2' BY TREMCO LTD OR STORAGE AND INSTALLATION INSTRUCTIONS, AND DATA SHEETS. ACCEPTABLE MATERIALS: 'STYROFOAM BRAND SM', BY DOW, OR .4 THE CONTRACTOR SHALL NOT BE ENTITLED TO MONTHLY RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THE SHOP DRAWINGS 1 APPLY PAINT MATERIALS IN ACCORDANCE WITH PAINT APPROVED ALTERNATE. EQUIVALENT BY OWENS CORNING, OR APPROVED ALTERNATE. SEALANTS IN CONTACT WITH AIR/VAPOUR BARRIER MEMBRANES: A PROGRESS DRAW PAYMENT UNTIL AS-BUILT DRAWINGS ARE OR OF HIS RESPONSIBILITY FOR MEETING ALL REQUIREMENTS OF THE MANUFACTURER'S WRITTEN APPLICATION INSTRUCTIONS UPDATED. CONSULTANT TO REVIEW AS-CONSTRUCTED CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR MOISTURE CURE, MEDIUM MODULUS POLYMER MODIFIED SEALING 5. BLANKET INSULATION: DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE JOB SITE DRAWINGS AT SITE MEETINGS. COMPOUND HAVING THE FOLLOWING PHYSICAL PROPERTIES: GLASS FIBRE THERMAL INSULATION: FOR INFORMATION THAT PERTAINS SOLELY TO FABRICATION ACCEPTABLE PRODUCTS: 'HE925 BES SEALANT' MANUFACTURED BY 28. MISCELLANEOUS SPECIALTIES: COMPLIANCE TO CAN/ULC-S702, TYPE 1, UNFACED BLANKET THERMAL P. THE HST SHALL BE ADDED TO THE VALUE OF COMPLETED WORK PRIOR TO PROCESSES OR TO TECHNIQUES OF CONSTRUCTION AND HENRY BAKOR, OR 'SOPRAMASTIC ALU' BY SOPREMA, OR APPROVED 1 PRODUCTS: INSULATION. THERMAL RESISTANCE TO REQUIREMENTS OF ASTM C518 ALTERNATE. CALCULATION OF 10% HOLDBACK FOR ALL PROGRESS DRAWS. INSTALLATION AND FOR COORDINATION OF THE WORK OF ALL .1 NON-SLIP STAIR NOSINGS: SURFACE BURNING CHARACTERISTICS TO CAN/ULC-S102 WITH FLAME 2 INTERIOR USE: NON-SLIP STAIR NOSING: EXTRUDED ALUMINUM WITH FIVE (5) SPREAD OF 0 AND SMOKE DEVELOPED OF 0, SMOLDER RESISTANCE TO .5 FORMAT AND QUALITY OF THE SUBMITTED SHOP DRAWINGS SHALL BE Q. THE CONTRACTOR SHALL .1 LAP JOINTS IN PLASTIC SHEET VAPOUR BARRIER: NON-SKINNING, INSERTS FROM ALUMINUM OXIDE GRIT IN EPOXY BASE 76 MM / 3" LILC S-129 NON-COMBUSTIBLE TO CANA-S114 THICKNESS AS INDICATED HAVE TOTAL CONTROL OF THE WORK AND SHALL EFFECTIVELY DIRECT DETERMINED BY THE SOLE DISCRETION OF THE CONSULTANT. NON-HARDENING, NON-OXIDIZING, NON-BLEEDING SYNTHETIC RUBBER WIDE TREAD WIDTH AND 51 MM / 2" HIGH NOSING. 1 ACCEPTABLE MATERIAL: 'FIBERGLASS PINK', BY OWENS CORNING AND SUPERVISE THE WORK SO AS TO ENSURE CONFORMITY WITH THE SEALANT SEALING AND BEDDING COMPOUND FOR ACOUSTICAL PURPOSES ACCEPTABLE PRODUCT: 'CT-21/3A', BY KNC OR APPROVED CANADA INC. OR EQUIVALENT BY JOHNS MANVILLE, OR APPROVED CONTRACT DOCUMENTS. AND CONCEALED JOINTS CONFORMING TO CAN/CGSB 19-GP-21M87: AI TERNATE .2 BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS ACCEPTABLE PRODUCT: "ACOUSTICAL SEALANT", BY TREMCO, OR 2 MANUFACTURER'S INSTRUCTIONS .2 ROCK / MINERAL WOOL INTERIOR ACOUSTIC AND FIRE-RATED PARTITIONS: TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR .1 IT IS INTENDED THAT ALL MATERIALS SPECIFIED IN THE APPROVED ALTERNATE .1 COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS OR COMPLIANCE TO ASTM C612 TYPE 1, ASTM C665 TYPE 1, CAN/ULC-S702 COORDINATING THE VARIOUS PARTS OF THE WORK UNDER THE CONTRACT. SPECIFICATIONS SHALL BE USED WITH NO EQUALS. SHOULD A INTERIOR GENERAL APPLICATION (ALL AREAS UNLESS SPECIFIED SPECIFICATIONS, INCLUDING PRODUCT TECHNICAL BULLETINS, HANDLING, TYPE 1, UL AND ULC DESIGN NUMBERS, FIRE PERFORMANCE, CONTRACTOR DESIRE TO USE "EQUALS", ALL SUCH "EQUALS" SHALL OTHERWISE): TO CAN/CGSB-19.14M STORAGE AND INSTALLATION INSTRUCTIONS, AND DATA SHEETS. NON-COMBUSTIBLE TO ASTM F136 AND CAN4 S114 FIRE PERFORMANCE R. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION BE APPROVED BY THE CONSULTANT IN WRITING. ACCEPTABLE PRODUCT: "TREMFLEX 834" BY TREMCO OR APPROVED END OF DRAWING SPECIFICATION. SURFACE BURNING CHARACTERISTICS WITH FLAME SPREAD 0 AND SMOKE SAFETY AT THE PLACE OF THE WORK AND FOR COMPLIANCE WITH THE .2 THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL ASSUME ALTERNATE. DEVELOPED 0 TO ASTM E84 (UL 723) AND CAN/ULC S102, SMOLDER RULES, REGULATIONS, AND PRACTICES REQUIRED BY THE APPLICABLE COMPLETE RESPONSIBILITY FOR FITTING ANY APPROVED "EQUALS" IN WET AREAS AND WASHROOM FIXTURES: MILDEW RESISTANT, ONE RESISTANCE 0.09% TO CONSTRUCTION HEALTH AND SAFETY LEGISLATION AND SHALL BE THE SPACE ALLOTTED. AS WELL AS MAKE ANY ADDITIONS AND/OR COMPONENT NEUTRAL CURE SILICONE SEALANT TO CGSB-19GP22M: 29. TACTILE ATTENTION STRIPS: .2 CAN/ULC S129, THERMAL RESISTANCE RSI 0.72 / R-VALUE 4.1 PER 25 MM / RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY ALTERATIONS TO PROVIDE FOR A COMPLETE WORK AT NO ADDITIONAL 1 ACCEPTABLE PRODUCT: "TREMSIL 200" BY TREMCO OR APPROVED SHALL BE INSTALLED AT ALL STAIRS TO MEET BUILDING CODE REQUIREMENTS. 1", ACOUSTIC PERFORMANCE TO ASTM E90, ASTM E413, ASTM C423, ASTM PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE PERFORMANCE OF COST TO THE OWNERS. ALTERNATE. 1 TACTILE ATTENTION STRIPS SHALL BE 24" X FULL WIDTH AND SHALL BE ELAN E1050, DIMENSIONS TO SUIT APPLICATION, THICKNESS AS INDICATED. .3 IT IS INTENDED THAT ALL MATERIALS SPECIFIED IN THE INTERIOR NON-MOVING JOINT APPLICATIONS TO BE PAINTED: ONE PORCELAIN TACTILE ATTENTION TILES BY KINESIC. 1 ACCEPTABLE MATERIAL: 'ROXUL AFB ACOUSTICAL FIRE BATTS' BY SPECIFICATIONS SHALL BE USED WITH NO EQUALS. SHOULD A COMPONENT, PAINTABLE ACRYLIC LATEX SEALANT TO CGSB-19-GP-17M: .2 COLOUR TO BE SELECTED ROXUL INC., OR APPROVED ALTERNATE. S. EXAMINE DRAWINGS, SPECIFICATIONS AND VISIT THE PLACE OF WORK: CONTRACTOR DESIRE TO USE "EQUALS", ALL SUCH "EQUALS" SHALL "TREMFLEX 834" BY TREMCO OR APPROVED ALTERNATE. MANUFACTURER'S INSTRUCTIONS: BEFORE SUBMITTING A TENDER, BIDDERS SHALL CAREFULLY EXAMINE E APPROVED BY THE CONSULTANT IN WRITING, PRIOR TO THE INTERIOR FIRE STOP APPLICATION: TO CAN4-S115M. COMPLIANCE: COMPLY WITH MANUFACTURER'S WRITTEN DATA INCLUDING QUESTION DEADLINE. THE REQUEST SHALL INCLUDE A COMPLETE THE DRAWINGS. SPECIFICATIONS AND OTHER TENDER DOCUMENTS. ACCEPTABLE PRODUCT: ALL LOCATIONS UNLESS OTHERWISE NOTED, PRODUCT TECHNICAL BULLETINS. PRODUCT CATALOGUE INSTALLATION VISIT THE PLACE OF WORK, FULLY INFORM THEMSELVES AS TO THE ITEM BY ITEM DESCRIPTION COMPARING THE PROPOSED "TREMSTOP ACRYLIC (GG)" BY TREMCO OR APPROVED ALTERNATE. INSTRUCTIONS, PRODUCT CARTON INSTALLATION INSTRUCTIONS, AND EXISTING CONDITIONS AND LIMITATIONS AND INCLUDE IN THE SUBSTITUTION TO THE SPECIFIED SYSTEM, TOGETHER WITH SEALANT COLOURS: COLOURS OF EXPOSED SEALANTS AS LATER SELECTED G. B. VICKERMAN TENDER. A SUM TO COVER THE COST OF ALL ITEMS OF WORK MANUFACTURER'S LITERATURE, SAMPLES, TEST DATA, ENGINEERING Y CONSULTANT FROM MANUFACTURER'S STANDARD COLOUR RANGE. INCLUDED IN THE DRAWINGS. SPECIFICATIONS AND OTHER TENDER STANDARDS AND PERFORMANCE EVALUATION INDICATING 4 INSTALLATION: COMPLY WITH MANUFACTURER'S WRITTEN DATA INCLUDING 6. SPRAYED INSULATION - POLYURETHANE FOAM: PRODUCT TECHNICAL BULLETINS, PRODUCT CATALOGUE INSTALLATION COMPARABLE STANDARDS TO THOSE SPECIFIED. DOCUMENTS. SPRAY POLYURETHANE TO CAN/ULC-S705.1, WATER VAPOUR PERMEANCE OF 41 .2 NO ALLOWANCE SHALL BE MADE FOR DIFFICULTIES ARISING FROM NSTRUCTIONS, PRODUCT CARTON INSTALLATION INSTRUCTIONS, AND DATA NG/PA-S-SQ M (0.70 PERMS) TO ASTM E96. FLAME SPREAD CLASSIFICATION REMOVAL AND DISPOSAL OF CONSTRUCTION DEBRIS: THE BIDDERS NEGLIGENCE TO VISIT THE PLACE OF WORK AND WITH FLAME SPREAD < 500 TO CAN/ULC S102. THICKNESS AS INDICATED. FAILURE TO EXAMINE THE DRAWINGS, SPECIFICATIONS AND OTHER LONG TERM THERMAL RESISTANCE (LTTR): CONFORM TO THE FOLLOWING REMOVE ALL CONSTRUCTION DEBRIS FROM SITE. WHEN TESTED TO CAN/ULC S770. 3 FACH BIDDER SHALL SATISEY HIMSELF BY HIS OWN STUDY OF THE DISPOSE OF ALL CONSTRUCTION DEBRIS AT LEGALLY DESIGNATED .1 RSI 2.17 @ 50.8 MM / R12.4 @ 2 INCHES DRAWINGS AND SPECIFICATIONS AND OTHER TENDER DOCUMENTS SITES IN ACCORDANCE WITH APPLICABLE LAW. RSI 3.38 @ 76.2 MM / R19.2 @ 3 INCHES BY CALCULATIONS AND BY INSPECTION OF THE PLACE OF WORK. AS .3 ALL CONSTRUCTION DEBRIS SHALL BE DISPOSED OF IN COMPLIANCE RSI 4.62 @ 102 MM / R26.2 @ 4 INCHES TO THE CONDITIONS EXISTING OR LIKELY TO EXIST IN CONNECTION WITH ALL APPLICABLE RULES, REGULATIONS AND LAW. .4 RSI 1.16 / 25.4 MM ABOVE 102 MM / R6.6 / INCH ABOVE 4 INCHES. .2 ACCEPTABLE MATERIAL: "WALLTITE ECO V2" BY BASF CANADA, OR "POLAR" WITH THE EXECUTION OF THE WORK, AND AS TO A PRACTICABLE TIME 4 ANY FEES OR COSTS ASSOCIATED WITH DISPOSAL OF CONSTRUCTION WITHIN WHICH THE WORK MIGHT BE SUCCESSFULLY COMPLETED. HE DEBRIS SHALL BE PAID BY THE CONTRACTOR. FOAM 7300' BY POLYURETHANE FOAM SYSTEMS INC. OR IS NOT TO CLAIM AT ANY TIME AFTER SUBMISSION OF HIS TENDER, 'FOAMSULATE-ECO' BY PREMIUM SPRAY PRODUCTS CANADA - HESTERMAN THAT THERE WAS ANY MISUNDERSTANDING WITH RESPECT TO THE 6. CUTTING AND PATCHING: TECHNICAL SERVICES INC., OR APPROVED ALTERNATE. CONDITIONS IMPOSED BY THE DRAWINGS, SPECIFICATIONS AND PRIMERS: IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR 1 CONTRACTOR SHALL DO THE CUTTING AND REMEDIAL WORK .4 BIDDERS FINDING DISCREPANCIES IN, OR OMISSIONS FROM THE REQUIRED TO MAKE THE SEVERAL PARTS OF THE WORK COME 3 MANUFACTURER'S INSTRUCTIONS: DRAWINGS. SPECIFICATIONS AND OTHER TENDER DOCUMENTS. OR TOGETHER PROPERLY. COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS OR HAVING ANY DOUBT AS TO THE MEANING OR INTENT OF ANY PART 2 THE CONTRACTOR SHALL CO-ORDINATE THE WORK TO ENSURE SPECIFICATIONS, INCLUDING PRODUCT TECHNICAL BULLETINS, HANDLING, THEREOF, SHALL AT ONCE NOTIFY THE CONSULTANT WHO SHALL TING IS KEPT TO A MINIMUM STORAGE AND INSTALLATION INSTRUCTIONS, AND DATASHEETS. 3 CUTTING AND REMEDIAL WORK SHALL BE PERFORMED BY SEND WRITTEN INSTRUCTIONS AND EXPLANATIONS TO ALL BIDDERS .4 APPLICATION: SPECIALISTS FAMILIAR WITH THE PRODUCTS AFFECTED AND SHALL BE BY ADDENDUM. APPLY INSULATION TO CLEAN SURFACES IN ACCORDANCE WITH .5 ALL DISCREPANCIES AND/OR OMISSIONS FOUND BY BIDDERS IN ANY PERFORMED IN A MANNER TO NEITHER DAMAGE NOR ENDANGER THE WORK. [CAN/ULC-S705.2] [AND] [MANUFACTURER'S PRINTED INSTRUCTIONS]. OR ALL OF THE DRAWINGS, SPECIFICATIONS AND OTHER TENDER DOCUMENTS SHALL BE REPORTED TO THE CONSULTANT. .6 BIDDERS SHALL NOT TAKE VERBAL INSTRUCTIONS DURING THE

O SEPT. 3-23 ISSUED FOR TENDER

MK DATE

A AUG. 30-23 ISSUED FOR CLIENT REVIEW

DWG. No.

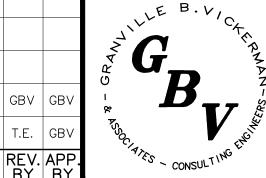
DESCRIPTION

REFERENCES

DWG. No.

DESCRIPTION

REFERENCES



GBV

REVISIONS AND ISSUES

Granville B. Vickerman & Associates Consulting Engineers - Project Managers

PROPOSED EXERCISE ROOM ASSIGINACK ARENA, MANITOWANING, ON NOTES & SPECIFICATIONS DRAWN BY DRAWING No. T.E. GBV N-100 SCALE

AUGUST 30, 2023 AS NOTED

BID FORM

Owner: TOWNSHIP OF ASSIGINACK Project: Building Interior Renovation & Exterior Stair Enclosure Project Address: 59 Vankoughnet St; Manitowaning, Ontario

Construction Company Information

Legal Company Name:			
Company Address:			
Telephone No:	Fax No:	E-mail:	
	BID F	PRICE BREAKDOWN	
ITEM DESCRIPTION			COST (\$)
Mobilization, Bonds & Fe	es		
Demolition, Trucking & [Dumping Fees		
Exterior stair enclosure -	structure		
Interior stair			
Partitions & Curtain Wall	S		
Windows, Doors & Hard	ware		
Flooring			
Ceiling			
Painting			
Plumbing & Drainage			
Heating, Ventilating & A	air Conditioning		
Electrical Lighting & Pov	ver		
Allowances			
Other Work			
	SUE	3-TOTAL	
	APPLICABLE TAXE	ES (%)	
		TOTAL	

The undersigned, having carefully examined and thoroughly perused the bid documents for the
above-named project, and become fully familiar with all conditions affecting the work required by
those documents prepared and issued by Granville B. Vickerman & Associates - Consulting Engineers
hereby proposes to provide all materials, labour and services required thereby for the sum of:

\$	
BID SUM	
(Words)	
ADDENDA	
The following addenda have been received and are hereby ack ncluded in the BID SUM listed herein.	knowledged and their execution is
Addendum Numbers:	
Authorized Signature	Date