## **GENERAL NOTES**

#### (READ NOTES PRIOR TO PROCEEDING)

1 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF BUILDING LAYOUT DIMENSION PRIOR TO COMMENCEMENT OF FOUNDATION WORK. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING BUILDING DIMENSIONS IN RELATION TO THE PROPOSED ADDITIONS TO THE EXISTING BUILDING INCLUDING HEIGHTS WHERE ROOF ALIGNMENT IS CONCERNED

2 - THE CONTRACTOR SHALL CAREFULLY REVIEW ALL DRAWINGS PRIOR TO EXECUTING THE WORK AS SCHEDULED AND NOTIFY THE CONTRACT ADMINISTRATOR OF DISCREPANCIES AND INCONSISTENCIES PERTAINING TO THE ITEMS BELOW OR OTHER ITEMS AS THEY BECOME EVIDENT IN THE

EXISTING GRADE ELEVATIONS IN RELATION TO NEW ENTRANCES BARRIER FREE REQUIREMENTS: ASPHALT MEETING ENTRANCES, CONCRETE SLABS, ETC

NEW FLOOR LEVELS IN RELATION TO EXISTING FLOOR LEVELS. -FLAT ROOF DRAINAGE, PARTICULARLY AS NEW AND EXISTING ROOFS - MANUFACTURERS INSTRUCTIONS IN APPLYING AND ASSEMBLING

CONSTRUCTION MATERIALS AS INDICATED IN THE DRAWINGS AND IN THE SPECIFICATIONS. - RATED WALLS, CEILINGS, NON-COMBUSTIBLE AIR PLENUMS AND RATED DUCT SHAFTS.

- LOCATIONS OF LIGHTING FIXTURES, BELLS/DETECTORS, OUTLETS, SWITCHES, MOTION DETECTORS, ETC

RATING REQUIREMENTS OF STRUCTURAL MEMBERS - PRIOR KNOWLEDGE OF MECHANICAL SYSTEMS AND HOW THEY INTERFACE WITH THE BUILDING SYSTEMS AS A WHOLE - IN-DEPTH REVIEW OF ALL SHOP DRAWINGS. SITE CONDITIONS SHALL DICTATE SHOP DRAWING REQUIREMENTS WHERE HEIGHTS AND DIMENSIONS ARE CONCERNED, EXCEPT WHERE THE ARCHITECT'S INTENT IS

COMPROMISED, IN WHICH CASE THE CONTRACT ADMINISTRATOR SHALL BE CONTACTED FOR INSTRUCTIONS - INCORPORATE ALL ADDENDA, REVISIONS AND SUBSEQUENT

CLARIFICATIONS OR INSTRUCTIONS. - ARCHITECTURAL SPECIALTIES SUCH AS CABINETS, SHELVING, WOOD TRIM/BANDING, WASH ROOM ACCESSORIES, EQUIPMENT, THRESHOLDS, ETC ACCEPTABLE FLOOR FINISH AND CONDITION FOR FLOOR FINISH

- ALL GOVERNING CODES AND BYLAWS PERTAINING TO THE PROJECT.

3 - THE CONTRACTOR SHALL APPOINT A WELL EXPERIENCED, QUALIFIED SUPERINTENDENT TO COORDINATE AND SUPERVISE THE WORK AS DEFINED IN THE SPECIFICATIONS.

4 - ALL INCONSISTENCIES AND ERRORS SHALL BE PROMPTLY REPORTED TO THE CONTRACT ADMINISTRATOR FOR CORRECTION PRIOR TO FURTHER COMMENCEMENT OF WORK.

5 - ARCHITECTURAL DIMENSIONS AND HEIGHTS GOVERN OVER STRUCTURAL WHERE INCONSISTENCIES OCCUR. IF THE CONTRACTOR FAILS TO LOOK AT THE ARCHITECTURAL DRAWINGS IN CASE OF ERRORS, HE SHALL BE FULLY RESPONSIBLE AND CORRECT AS DIRECTED BY THE CONTRACT ADMINISTRATOR.

6 - THE CONTRACTOR SHALL SCHEDULE AND COORDINATE ALL WORK BETWEEN SUB-TRADES AND OTHER SPECIALTY ITEMS.

- SUB-TRADES SHALL NOT COMMENCE WORK ON SITE PRIOR TO A CAREFUL REVIEW OF THE WORK IN ACCORDANCE WITH ALL DOCUMENTS, WITH THE SUPERINTENDENT, AND PRIOR TO NOTIFYING THE CONTRACTOR OF COMMENCEMENT OF THE WORK.

8 - THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT APPROPRIATE BLOCKING AND BACKING IS PROVIDED FOR ALL EQUIPMENT, FIXTURES, ACCESSORIES, CABINETS, HANDRAILS, ETC., FOR PURPOSES OF SECURE FASTENING. ALSO PROVIDE NON-COMBUSTIBLE HEAT DISPENSING BOXES FOR RECESSED POT LIGHTS INTO WOOD FLOORS, BATT INSULATED CEILINGS AND ROOF STRUCTURE.

9 - THE CONTRACTOR SHALL REVIEW THE WOOD AND STEEL TRUSS SHOP DRAWINGS FOR ADEQUATE SPACING REQUIREMENTS FOR MECHANICAL DUCTS, DIFFUSERS, POT LIGHTS, ETC.

10 - INSULATION SHALL BE INSTALLED WITH CARE. SQUISHED OR LOOSE FITTING INSTALLED INSULATION IS UNACCEPTABLE! INSULATION SHALL COVER THE FULL DEPTH OF STUD CAVITY, AND SHALL BE UNIFORMLY FLUSH WITH THE FACE OF THE STUDS.

11 - VAPOUR BARRIER SHALL BE A CONTINUOUS MEMBRANE AND BUILDING ENVELOPE. - TEARS SHALL BE PATCHED AND CAULKED, AS SPECIFIED, UNDER CONTRACTOR'S SUPERVISION.

- ATTACH AND CAULK VAPOUR BARRIER TO WINDOWS, DOORS, ELECTRICAL OUTLETS, ETC. ENSURE COMPLETE AIR SEAL. TO ENSURE THAT ATTACHMENT OF POLYETHYLENE HAS BEEN ACHIEVED, USE MECHANICAL FASTENERS. - FOLLOW THE INSTRUCTIONS OF THE MANUFACTURER WHEN INSTALLING

PEEL AND STICK BITUMEN MEMBRANE - ALL EXTERIOR WOOD OR METAL STUD FRAMING SHALL BE PLACED ON A FOAM STRIP AS SPECIFIED, AND CONTINUOUSLY CAULKED BETWEEN PLATE AND PLYWOOD OR CONCRETE FLOOR BOTH INSIDE AND OUTSIDE.

12 - THE CONTRACTOR SHALL COORDINATE ALL ROUGH WINDOW, DOOR AND GRILLE OPENINGS IN BOTH FRAMED AND MASONRY CONDITIONS AS A

13 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND HIS SUB-CONTRACTORS TO INSTALL ALL PRODUCTS SUCH AS BITUMINOUS MEMBRANES, EQUIPMENT (MECHANICAL AND ELECTRICAL), LIGHTING FIXTURES, ACCESSORIES, ETC., STRICTLY ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. FAILURE TO DO SO CAN RESULT IN REJECTING THE WORK; FAILURE TO DO SO CAN RESULT IN RE-INSTALLATION OF SUCH AT NO EXTRA COST TO THE CITY OF WINNIPEG

14 - SHOP DRAWINGS SHALL BE PROVIDED AND SUBMITTED TO THE CONTRACT ADMINISTRATOR FOR REVIEW. THE SHOP DRAWING SHALL BE REVIEWED FOR THE ARRANGEMENT OF ALL STRUCTURAL COMPONENTS. INCLUDING MEMBRANE, ENVELOPE, VAPOUR BARRIER SYSTEMS. ACCESSORIES, HARDWARE, AND OTHER SPECIALTIES, ETC. AS COMPRISE THE BUILDING AS A WHOLE. THE CONTRACTOR SHALL, AFTER REVIEW. FORWARD THE SHOP DRAWINGS TO THE CONTRACT ADMINISTRATOR. THE CONTRACT ADMINISTRATOR SHALL REVIEW THE SAME FOR INTENT ONLY. FABRICATORS SHALL NOTIFY THE CONTRACT ADMINISTRATOR IN WRITING WHERE DEVIATION FROM DRAWINGS IN DIMENSIONS OR EQUIPMENT SIZE: AND LOCATION, ETC., DIFFER FROM THE INTENT OF THE DRAWINGS OR SUGGESTIONS ARE MADE CONTRARY TO THE DRAWINGS AS A WHOLE.

ACCEPTED SHOP DRAWINGS SHALL GOVERN ALL SUBSEQUENT WORK. 15 - SUB-CONTRACTORS SHALL PROVIDE ALL NECESSARY MATERIALS. FASTENERS. ETC.. WHETHER SHOWN OR NOT SHOWN, FOR SECURING AND FINISHING THE WORK AS INTENDED. SUB-CONTRACTORS SHALL NOTIFY THE CONTRACT ADMINISTRATOR IN WRITING OF UNIDENTIFIED ITEMS REQUIRED TO COMPLETE WORK, DURING THE BID PERIOD. FAILURE TO DO SO CANNOT CONSTITUTE AN EXTRA AFTER THE BID HAS CLOSED.

16 - CONTRACTOR AND SUB-CONTRACTORS SHALL REFER TO THE TRADE DEFINITION AND INSTRUCTIONS TO BIDDERS WHERE CONFLICT BETWEEN TRADE WORK ARISES.

17 - ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND OTHER SPECIALTY DRAWINGS SHALL BE READ TOGETHER AS A WHOLE. STRUCTURAL ITEMS NOT SHOWN IN THE ARCHITECTURAL DRAWINGS SHALL BE INCLUDED IN THE WORK. WHERE CONFLICT ARISES BETWEEN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS, CONTACT THE CONTRACT ADMINISTRATOR FOR CLARIFICATION.

18 - THE ARCHITECTURAL DRAWINGS SHALL GOVERN OVER OTHER DRAWINGS WHERE DISAGREEMENTS AND INCONSISTENCIES ARISE. IN SUCH INSTANCES CONTACT THE CONTRACT ADMINISTRATOR FOR CLARIFICATIONS.

19 - THE CONTRACTOR SHALL ENSURE THAT A HIGH QUALITY AND STANDARD OF WORKMANSHIP IS MAINTAINED THROUGHOUT THE ENTIRE PERIOD OF WORK UNTIL THE WORK IS COMPLETE. PROPER 'FIT' SHALL BE ACHIEVED BETWEEN ALL COMPONENTS AS INTENDED. WHERE THIS CANNOT BE ACHIEVED. CONTACT THE CONTRACT ADMINISTRATOR FOR FURTHER REVIEW AND CLARIFICATION.

20 - THE CONTRACT ADMINISTRATOR WILL ASSIST IN ALL MATTERS REQUIRING CLARIFICATIONS OR INTERPRETATIONS, OR WHERE REQUIRED, TO PROVIDE ADDITIONAL DETAILS DURING THE SCHEDULED PERIOD OF

# **ABBREVIATIONS**

AIR CONDITIONER AIR BARRIER **ADJUSTABLE** ALUMINUM AN.ALUM ANODIZED ALUMINUM ARCH. **ARCHITECT** BLOCK BUILDING **BOTTOM OF** COAT HOOK **CAST-IN-PLACE CENTRE LINE** COMPLETE WITH CEILING COLUMN CONCRETE CORRIDOR **CARPET** CENTRE D.W. DRYWALL DOUBLE

DRINKING FOUNTAIN **DIMENSIONS** DR. DWG. DOOR DRAWING DETAIL DWGS **DRAWINGS EXPANSION JOINT** ELECT. ELECTRICAL ELEVATION EXPANDED RIGID INSULATION EXTERIOR FLOOR DRAIN F.N.D. FEMININE NAPKIN DISPOSAL FEMININE NAPKIN VENDOR FACE OF FLSHG.

FLASHING

GAUGE

HEIGHT

INCLUDE

G.W.G.

GA. GALV

INCL.

(D00)

∖ A-0.0  $\not{V}$ 

A-0.0

GRAB BAR

**GRADE BEAM** 

GALVANIZED

**HOLLOW CORE** 

HOLLOW METAL

DRAWING SYMBOLS

WALL/ROOF TYPE

**IDENTIFICATION** 

DOOR NUMBER

WINDOW TYPE

ROOM NAME & NUMBER

**IDENTIFICATION** 

EXISTING GRADE

**DETAIL SECTION** 

**BUILDING SECTION** 

EXTERIOR ELEVATION

INTERIOR ELEVATION

**BUILDING CODE SUMMARY** 

MARKER

MARKER

MARKER

MARKER

PROPOSED NEW GRADE

**GALVANIZED METAL** 

GYPSUM WALL BOARD

**GEORGIAN WIRED GLASS** 

HOLLOW STEEL SECTION

P. LAM. POLY V.B R.W.L REINF. REQ'D STRUCT. T.D. T.D/W HIGH QUALITY RELOCATABLE INSULATED CONCRETE FORM

( A )-

A-0.0 SCALE 1:10

INT. LTG. LIGHTING METAL TOILET PARTITION MANUF **MANUFACTURER** MECH. **MECHANICAL MEZZANINE** MIN. MIR MINIMUM MIRROR MISCELLANEOUS NOT IN CONTRACT NOT TO SCALE ON CENTRE **OUTSIDE DIAMETER** OVERHEAD DOOR POWDER ROOM PRESSURE TREATED PROPERTY LINE PLASTIC LAMINATE PLYWOOD POLYETHYLENE VAPOUR BARRIER **PREFINISHED** QUARRY TILE ROOF DRAIN ROUGH OPENING RESILIENT SOUND CHANNEL ROOFTOP UNIT RAIN WATER LEADER REINFORCED REQUIRED REVERSE SELF-ADHESIVE SOLID CORE SOAP DISPENSER SOAP HOLDER SIMILAR SPLASH PAD **STRUCTURAL** 

**INSULATION** 

INTERIOR

INSUL.

PAPER TOWEL DISPENSER PAPER TOWEL DISPENSER & WASTE TEST HOLE **FOILET PAPER DISPENSER TYPICAL** UNDER SIDE OF VINYL COMPOSITE TILE WOOD **WINDOW** 

**GRID LINES** 

**NORTH ARROW** 

DETAIL MARKER

**ELEVATION HEIGHTS** 

CENTRAL VACUUM INLET

CATCH BASIN

**EXTRUDED RIGID INSULATION** 

**ELEVATOR SIDE** 

**WALL TYPES** 

TYPICAL EXTERIOR WALL - WITH CONCRETE BLOCK - CEMENTITIOUS PANELS

TYPICAL INTERIOR SEPARATION WALLS

- 92mm STEEL STUDS @ 406mm O.C.

- 92mm STEEL STUDS @ 406mm O.C.

MINERAL WOOL BATT INSULATION

- 152mm STEEL STUDS @ 406mm O.C

MINERAL WOOL BATT INSULATION

TYPICAL ELEVATOR SHAFT WALL:

190mm CONCRETE BLOCK

- 13mm GYPSUM BOARD

TYPICAL 1hr RATED ELEVATOR SHAFT WALL:

TYPICAL 1hr RATED INTERIOR SEPARATION WALL:

13mm GYPSUM

FIRE: ULC Des W453

16mm TYPE 'X' GYPSUM

- 16mm TYPE 'X' GYPSUM

FIRE: ULC Des W453

- 16mm TYPE 'X' GYPSUM

- 16mm TYPE 'X' GYPSUM

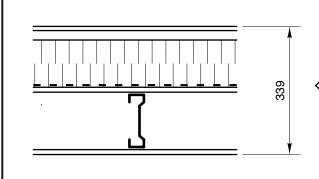
- 25mm AIR SPACE WITH 25mm VERTICAL 20 ga VERTICAL Z-GIRTS, SPACING AS REQ'D FOR JOINT LAYOUTS- 125mm MINERAL WOOL RIGID INSULATION

- 16 ga. Z-GIRTS @ 1220mm O.C. - HORIZONTAL - BLUESKIN SA BITUMEN VAPOUR BARRIER

- 190mm CONCRETE BLOCK - 13mm GYPSUM BOARD

NOTE: THE FINAL Z-GIRT GUAGES AND SPACING TO BE REVIEWED AND SEALED ON THE SHOP DRAWINGS BY

PROFESSIONAL ENGINEER IN THE PROVINCE OF MANITOBA.



TYPICAL EXTERIOR WALL - WITH STEEL STUDS - CEMENTITIOUS PANELS

- 25mm AIR SPACE WITH 25mm VERTICAL 20 ga VERTICAL Z-GIRTS, SPACING AS REQ'D FOR JOINT LAYOUTS

- 125mm MINERAL WOOL RIGID INSULATION - 16 ga. Z-GIRTS @ 1220mm O.C. - HORIZONTAL

- BLUESKIN SA BITUMEN VAPOUR BARRIER - 13mm DENSGLASS GOLD

- 152mm STEEL STUDS 20ga. @ 406mm O.C.



**EXISTING WALL** NEW 13mm GYPSUM

- EXISTING CONCRETE / BLOCK

# **DRAWING INDEX**

# **ARCHITECTURAL**

GENERAL NOTES

A-2.1 SITE PLAN

BASEMENT AND MAIN FLOOR DEMOLITION PLANS

BASEMENT AND MAIN FLOOR RENOVATION PLANS

A-3.3 PLAN DETAILS BASEMENT AND MAIN FLOOR REFLECTED CEILING PLANS

A-3.5 ROOF PLAN AND DETAILS

**BUILDING ELEVATIONS** 

**BUILDING/WALL SECTIONS** 

STAIR DETAILS AND INTERIOR ELEVATIONS

# STRUCTURAL

GENERAL NOTES

FOUNDATION PLAN & GROUND FLOOR FRAMING PLAN

MAIN FLOOR FRAMING PLAN ROOF FRAMING PLAN

**SECTIONS & DETAILS** 

### **MECHANICAL**

BASEMENT FLOOR PLUMBING & HVAC RENOVATION

MAIN FLOOR PLUMBING & HVAC RENOVATION

## **ELECTRICAL**

**ELECTRICAL SYMBOL LEGEND & DRAWING LIST** 

E4.0 SINGLE LINE DISTRIBUTION & PANEL BOARD

LIGHTING DEMOLITION

POWER & SYSTEMS DEMOLITION

LIGHTING RENOVATION

POWER & SYSTEMS RENOVATION

ISSUED FOR TENDER SEPT. 28, 2012

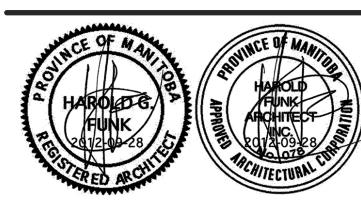
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**ELEVATOR ADDITION AND ACCESSIBILITY UPGRADES** OF CENTURY ARENA

Winnipeg, Manitoba Bid Opportunity No. 579-2012

sheet title

**GENERAL NOTES** 

project number: 12-003 drawing number: C.G.

SEPT. 28, 2012

Project: ELEVATOR ADDITION AND ACCESSIBILITY UPGRADES OF CENTURY ARENA Address: 1377 Clarence Avenue, Winnipeg, Manitoba Group A, Division 3

**Major Occupancy: Building Classification:** Bldg Area: Existing Building 2970 square meters **New Addition** 

**Building Height:** Building Facing # of streets: Sprinkler System: Fire Alarm: Water Service:

Existing

High Building: Construction: Mezzanines: Occupant load:

**Washroom Fixtures:** Barrier Free:

34 square meters 1 storey 3 streets Not Sprinklered

3.2.2.32. Group A, Division 3, One Story, Increased Area

Existing No

Combustible or Noncombustible No / Existing **Existing conditions** 

Existing conditions New barrier free access being provided as part of the proposed work to meet 2010 City of Winnipeg Accessibility Design Standards

Fire Rating: Existing Building Existing Conditions New Addition

- 45min. at floor assembly above basement.

- 45min. around elevator shaft. 45min. around vestibules between elevator and floor areas.