# architecture inc.

# **CONSULTANT TEAM**

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**MECHANICAL + ELECTRICAL** 

**ENGINEER:** 

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**ABBREVATIONS** ALUMINUM ANOD ANODIZED BUILDING BEAM BOT, BTM BOTTOM **BOTH SIDES** BETWEEN CAST IN PLACE CENTER LINE C.L.F CHAIN LINK FENCE COL COLUMN C/W COMPLETE WITH CONCRETE CONCRETE BLOCK CONTROL JOINT DEEP DTL DETAIL DOWN DN EACH ELEV ELEVATION EPOX **EPOXY** EQUAL **EQUIPMENT EXPOSED EXTERIOR** FLOOR DRAIN FIRE HOSE CABINET FLR, FL **FLOOR** GAUGE GALVANIZED GLUM GALVALUME G.C GENERAL CONTRACTOR GRID LINE GWB GYPSUM WALL BOARD H.W HAZARDOUS WASTE H.D HEAVY DUTY HEIGHT HOLLOW METAL HOR, HORIZ HORIZONTAL HOUR HOLLOW STEEL SECTION HYDR HYDRAULIC INSIDE DIAMETER INSIDE FACE INTERIOR INSULATION INSUL L.W LIGHT WEIGHT LOCATION MASONRY MAX MAXIMUM MECH MECHANICAL MINIMUM MISC MISCELLANEOUS M.O. MASONRY OPENING MTL NOT IN CONTRACT O.C ON CENTER O.D **OUTSIDE DIAMETER** 

OUTSIDE FACE

OPEN WEB STEEL JOIST

REINFORCED CONCRETE

PLASTIC LAMINATE

OVERHEAD

OPENING

PLYWOOD

PREFINISHED PRESSED STEEL

**ROOF DRAIN** 

REINFORCED

SHOWER

SIMILAR

SLOPE

STEEL

STORAGE

TOP OF

**TYPICAL** 

VEHICLE

WIDE

VERTICAL

VESTIBULE

WEEPING TILE

STRUCTURAL

SUSPENDED

SPECIFIED

ROUGH OPENING

STAINLESS STEEL

SURFACE MOUNTED

THICK / THICKNESS

TOP OF CONCRETE

UNDER FLOOR

UNDER SIDE

UNDER GROUND

VAPOUR BARRIER

WATERPROOFED MEMBRANE

LOCATION

PAINTED, PAINT

PLATE

PANEL

O.H

OPNG

P.LAM

PLYW

PREFIN

PTD, PT

R/CONC

REINE

RM

R.O.

SIM

SLP

SPEC'D

ST, STL

STRUC

SUSP

T.O.C.

U/G

U/S

V.B

VEH

VFRT

VEST

W.MEM

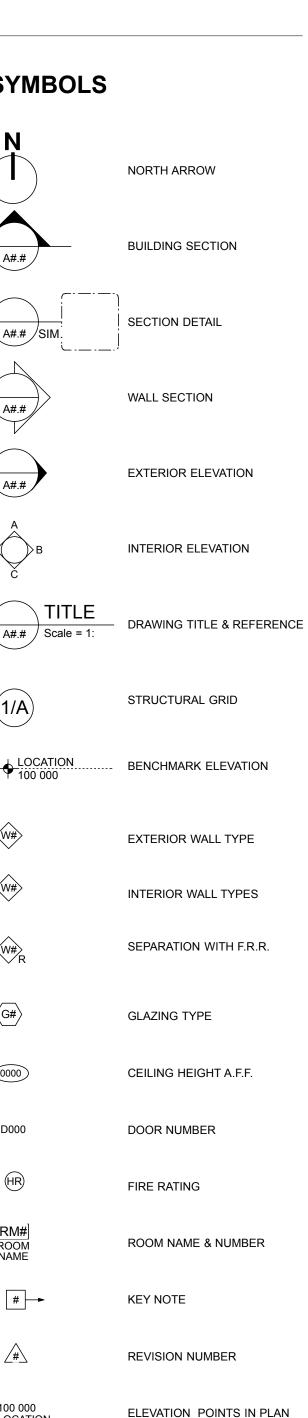
STO, STOR

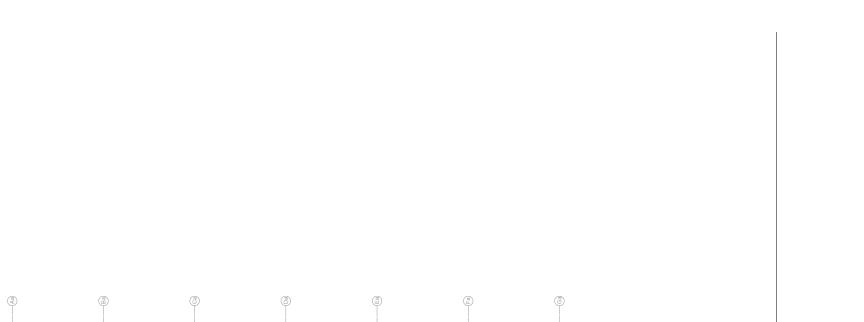
SURF MTD

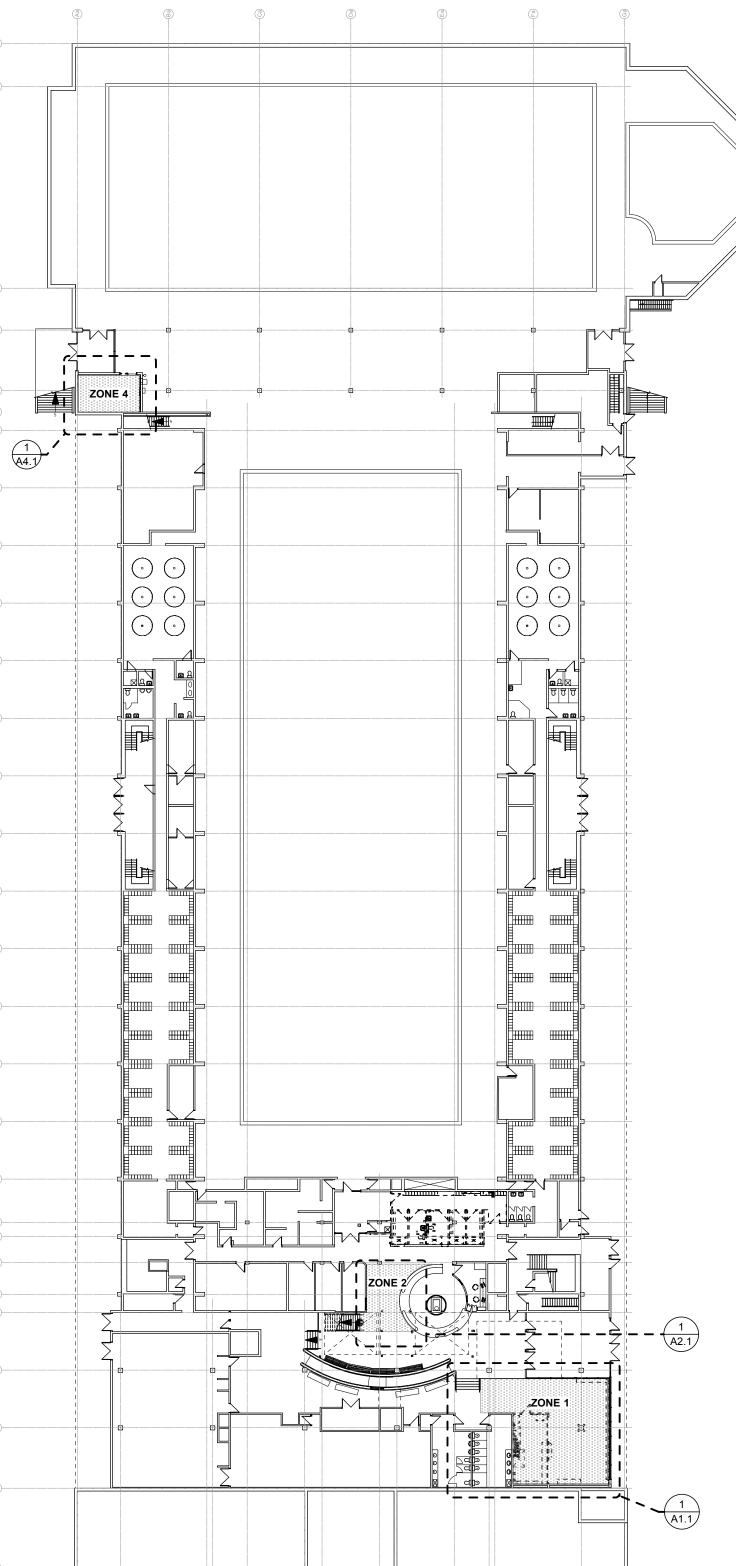
PNL

O.W.S.J

# **SYMBOLS**









# PAN AM POOL

# INTERIOR RENOVATIONS

BID OPPORTUNITY 1034 -2015 25 POSEIDON BAY, WINNIPEG, MANITOBA

ISSUED FOR CONSTRUCTION

FEBRUARY 29, 2016

# **DRAWING LIST**

# **TITLESHEET**

A1.1 ZONE 1 - DEMOLITION PLAN & RCP

A1.2 ZONE 1 - PLAN & RCP & INTERIOR ELEVATIONS

A1.3 ZONE 1 - DETAILS

**A2.1 ZONE 2 - PLAN & INTERIOR ELEVATIONS** A4.1 ZONE 4 - DEMOLITION PLAN & RCP & NEW PLAN & RCP

A5.1 ZONE 5 - DEMOLITION PLAN & NEW PLAN

A5.2 ZONE 5 - ELEVATIONS

A5.3 ZONE 5 - DETAILS

#### STRUCTURAL **S1** CONNECTION DETAILS

**MP2.1 MAIN FLOOR - PLUMBING DEMOLITION PLAN** 

MP2.2 MAIN FLOOR - PLUMBING RENOVATION PLAN

MF2.1 MAIN FLOOR - FIRE PROTECTION PLAN **MY2.1 MAIN FLOOR - HYDRONIC RENOVATION PLAN** 

MH2.1 MAIN FLOOR - HVAC DEMOLITION PLAN

MH2.2 MAIN FLOOR - HVAC RENOVATION PLAN

M7.1 HVAC & PLUMBING SCHEDULE

## **ELECTRICAL**

**E0.1 ELECTRICAL SYMBOLS AND ABBREVIATIONS** 

**E2.1 ELECTRICAL LAYOUTS ZONE 1 - LOUNGE AND KITCHEN E2.2 ELECTRICAL LAYOUTS ZONE 2 - RECEPTION DESK** 

E2.3 ELECTRICAL LAYOUTS ZONE 4 - SPECIAL EVENTS ROOM

**E6.1 ELECTRICAL SCHEDULES** 

# **WALL TYPES**

### WALL TYPE GENERAL NOTES

1.FIRERATED WALL TYPE SYMBOLS ARE DESIGNATED WITH AN "R". REFER TO REFLECTED CEILING PLAN FOR LOCATION AND RATING OF FIRE RATED WALLS. FIRE RESISTANCE RATINGS (FRR) AND SOUND TRANSMISSION CLASSES (STC) ARE SHOWN

2.REFER TO ROOM FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR WALL FINISHES.

3.ALL ACOUSTICALLY INSULATED WALLS BETWEEN DIFFERENT TENANT SPACES AND/OR BETWEEN TENTANT SPACES AND CORRIDORS TO EXTEND TO UNDERSIDE OF FLOOR STRUCTURE OR DECK ABOVE . SEAL WITH ACOUSTIC CAULKING AT PERIMETER AND ALL PENETRATIONS. REFER TO DETAILS AND CEILING PLAN.

4.PROVIDE TILE BACKER BEHIND ALL CERAMIC TILE FINISHES.

5.CONSTRUCT FIRE RATED WALLS TO UNDERSIDE OF FLOOR STRUCTURE OR DECK

6.ACOUSTIC INSULATION IN FIRE RATED WALLS TO BE MINERAL FIBRE PROCESSED FROM ROCK OR SLAG WITH A MASS OF AT LEAST 2.8 kg/m2 FOR 3 1/2" THICKNESS.

7.ALL EXIT STAIR WALLS TO BE FIRE SEPARATIONS.

8.ACOUSTICALLY SEPARATE BACK TO BACK ELECTRICAL BOXES WHICH CANNOT BE SEPARATED BY MIN. 16"(1 FULL STUD SPACE), ATTACH DOUBLE LAYER 5/8" GWB TO SIDE OF STUD FROM FLOOR TO 48" HIGH. SEAL WITH ACOUSTIC CAULK ON BOTTOM AND

9.ALL INTERIOR WALL DIMENSIONS TO OUTSIDE FACE OF GYPSUM BOARD. COORDINATE

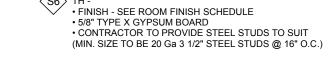
IN PROVIDE SUP-JOINT FOR ALL FULL HEIGHT PARTITIONS. MAINTAIN FIRE RESISTANCE RATING WHERE REQUIRED.

11. OFFSET DOOR FRAMES 4" FROM FACE OF WALL UNLESS OTHERWISE NOTED.

### **INTERIOR WALL TYPES:**

S1 (NBC WALL TYPE S4d) TH - 4 3/4" STC - 38
• FINISH - SEE ROOM FINISH SCHEDULE • 5/8" TYPE X GYPSUM BOARD • 3 1/2" STEEL STUDS @ 16" O.C. • 5/8" TYPE X GYPSUM BOARD
• FINISH - SEE ROOM FINISH SCHEDULE





## **GENERAL DRAWING NOTES**

THE DRAWINGS SHALL NOT BE SCALED. FOLLOW GIVEN DIMENSIONS ONLY.

THE CONTRACTOR SHALL SATISFY HIMSELF THAT ALL DIMENSIONS, ELEVATIONS, DATUMS, AND INFORMATION SHOWN ARE CORRECT. VERIFY ALL DIMENSIONS ON SITE. DIMENSIONS ARE AS FOLLOW UNLESS OTHERWISE NOTED: - FACE OF MASONRY WALLS

- EXTERIOR FACE OF ALL INTERIOR WALLS

PRIOR TO COMMENCEMENT OF WORK, REPORT ANY DISCREPANCIES TO THE CONTRACT

VARIATIONS AND MODIFICATIONS TO WORK SHOWN WILL NOT BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE CONTRACT ADMINISTRATOR.

ALL DIMENSIONS ARE IMPERIAL UNLESS OTHERWISE NOTED.

NO REPRODUCTION OF THE DRAWINGS MAY BE MADE WITHOUT THE WRITTEN CONSENT OF THE CITY OF WINNIPEG AND ALL REPRODUCTION MUST BEAR THE NAME OF THE ARCHITECT

FOR ROOM FINISH SCHEDULE SEE SPECIFICATIONS.

FOR DOOR AND FRAME SCHEDULE SEE SPECIFICATIONS.

GENERAL CONTRACTOR SHALL NOTIFY THE CONTRACT ADMINISTRATOR OF ANY MECHANICAL AND ELECTRICAL APPARATUS APPEARANCE WHICH MAY VARY FROM THAT INDICATED IN THE CONTRACT

# **SCOPE OF WORK**

THE SCOPE OF WORK FOR THE INTERIOR RENOVATIONS TO THE PAN AM POOL CONSISTS OF THE FOLLOWING:

RENOVATIONS AND RE-CONFIGURATION OF THE EXISTING KITCHEN AND LOUNGE AREA. THE NEW KITCHEN WILL INCLUDE NEW MILLWORK AND UPGRADES TO MECHANICAL AND ELECTRICAL. THE LOUNGE AREA WILL CONTAIN NEW FINISHES AND UPGRADES TO MECHANICAL AND ELECTRICAL SYSTEMS. THE OVERALL OCCUPANCY OF THE SPACE HAS NOT BEEN ALTERED.

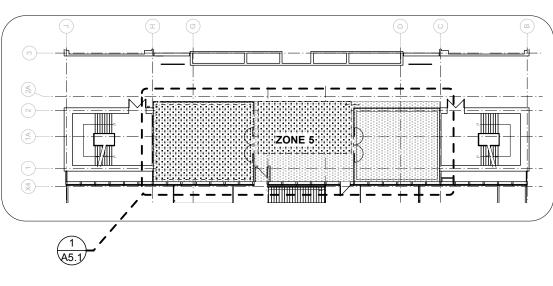
NEW ENTRY CONTROL SYSTEM AT THE RECEPTION DESK.

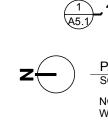
UPGRADES TO THE SPECIAL EVENTS ROOM. THE EXISTING ROOM WILL BE RENOVATED WITH NEW FINISHES AND WILL CONTAIN UPGRADES TO MECHANICAL AND ELECTRICAL SYSTEMS. THE OVERALL OCCUPANCY OF THE SPACE HAS NOT BEEN ALTERED.

RE-CONFIGURATION OF THE EXISTING DRYLAND TRAINING AREA AND MPR.

THE SCOPE OF THIS RENOVATION DOES NOT CHANGE THE USE, OCCUPANT LOAD OR MAJOR OCCUPANCY CLASSIFICATION. IN OUR PROFESSIONAL OPINION, LIFE SAFETY WILL NOT BE AFFECTED BY THIS MODERNIZATION AND INTERIOR ALTERATION.

THIS BUILDING HAS ASBESTOS CONTAINING MATERIALS. BEFORE WORK BEGINS ON SITE, OBTAIN SPECIFIC DETAILS REGARDING THE ASBESTOS CONTAINING MATERIALS FROM THE CONTRACT ADMINISTRATOR IF ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE ENCOUNTERED DURING THE WORK OF THE CONTRACT, THE CONTRACTOR SHALL STOP ALL WORK AND NOTIFY THE CONTRACT ADMINISTRATOR IMMEDIATELY.





PARTIAL SECOND FLOOR REFERENCE PLAN

NOTE: DEMOLITION PLAN ONLY. THE SCOPE OF THE WORK ON THE SECOND FLOOR IS IN THE FOLLOWING ZONE OF RENOVATION AS HIGHLIGHTED IN GREY IN THE ABOVE PLAN:

- ZONE 5: DRYLAND TRAINING



FIRST FLOOR REFERENCE PLAN

NOTE: DEMOLITION PLAN ONLY. THE SCOPE OF THE WORK ON THE FIRST FLOOR IS DIVIDED INTO THE FOLLOWING ZONES OF RENOVATION AS HIGHLIGHTED IN GREY IN

NOTE: MECHANICAL AND ELECTRICAL SCOPE OF WORK REQUIRES WORK IN ADDITIONAL AREAS THAN SHOWN ABOVE. - REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.

- ZONE 1: LOUNGE & KITCHEN - ZONE 2: RECEPTION DESK - ZONE 3: NOT IN CONTRACT - ZONE 4: SPECIAL EVENTS ROOM