PROJECT INFORMATION:

MUNICIPAL ADDRESS:
VISITOR CENTRE - #160138 2698 DRIVE W., AB

LEGAL DESCRIPTION:
NE 8, T 17, R2, W5

BUILDING AREA:
MAIN FLOOR LEVEL: ± 222.967 M² (± 2400.0 FT²)

BUILDING CODE CLASSIFICATION:

APPLICABLE BUILDING CODE:

THIS REPORT IDENTIFIES BUILDING CODE REQUIREMENTS BASED UPON COMPLIANCE WITH THE CURRENT *ALBERTA BUILDING CODE 2014* (ABC), REFERENCES STATED HEREIN ARE TO THE ABC UNLESS OTHERWISE INDICATED.

FIRE SEPARATION ASSEMBLIES WILL BE BASED UPON *UNDERWRITERS' LABORATORIES OF CANADA LIST OF EQUIPMENT AND MATERIALS, FIRE RESISTANCE* (ULC), UNLESS OTHERWISE INDICATED.

DEFINITIONS:

BUILDING HEIGHT - (IN STOREYS) MEANS THE NUMBER OF STOREYS CONTAINED BETWEEN THE ROOF AND THE FLOOR OF THE FIRST STOREY.

FIRST STOREY - MEANS THE UPPER MOST STOREY HAVING ITS FLOOR LEVEL NOT MORE THAN 2M ABOVE GRADE.

BUILDING AREA - MEANS THE GREATEST HORIZONTAL AREA OF A BUILDING ABOVE GRADE WITHIN THE OUTSIDE SURFACE OF THE EXTERIOR WALLS OR WITHIN THE OUTSIDE SURFACE OF EXTERIOR WALL AND THE CENTER LINE OF A FIRE WALL.

GRADE - THE LOWEST OF THE AVERAGE LEVELS OF THE FINISHED GROUND ADJOINING EACH EXTERIOR WALL OF A BUILDING, EXCEPT THAT LOCALIZED DEPRESSIONS SUCH AS FOR VEHICLE OR PEDESTRIAN ENTRANCES NEED NOT BE CONSIDERED IN THE DETERMINATION OF AVERAGE LEVELS OF FINISHED GROUND.

2014 ALBERTA BUILDING CODE SUMMARY :

NUMBER OF STOREYS: 1 STOREY, NO BASEMENT
STREETS FACING: 1 STREET
SPRINKLER SYSTEM: NO
FIRE ALARM SYSTEM: NO
STANDPIPE AND HOSE: NO
CONSTRUCTION: COMBUSTIBLE OR NON-COMBUSTIBLE IS PERMITTED USED SINGLY OR IN COMBINATION.
MAJOR OCCUPANCY:

- WORKSHOP / VEHICLE SERVICE REPAIR GARAGE: GROUP F2, MEDIUM-HAZARD INDUSTRIAL
- OFFICE: GROUP D, BUSINESS AND PERSONAL SERVICES OCCUPANCY - *OFFICE AREA IS ± 4.35%* - LESS THAN 10% OF FLOOR AREA AND, PER ARTICLE 3.2.2.6, NEED NOT BE CONSIDERED A MAJOR OCCUPANCY,

CODE REFERENCE:
3.2. Building Fire Safety
3.2.2. Building Size and Construction Relative to Occupancy

3.2.2.78. Group F, Division 2, up to 2 Storeys

1) A building classified as Group F, Division 2 is permitted to conform to Sentence (2) provided
a) it is not more than 2 storeys in building height, and
b) it has a building area not more than the value in Table 3.2.2.78.

Table 3.2.2.78.
Maximum Building Area, Group F, Division 3, up to 2 Storeys
Forming Part of Sentence 3.2.2.78.(1)

No. of Storeys	Maximum Area, m²		
	Facing 1 Street	Facing 2 Streets	Facing 3 Streets
1	1000	1250	1500
2	600	750	900

2) The building referred to in Sentence (1) is permitted to be of combustible construction or noncombustible construction used singly or in combination, and
a) floor assemblies shall be fire separations and, if of combustible construction, shall have a fire-resistance rating not less than 45 min, and
b) loadbearing walls, columns and arches supporting an assembly required to have a fire-resistance rating shall
i) have a fire-resistance rating not less than 45 min, or
ii) be of noncombustible construction.

Part 9 of 2014 Alberta Building Code can apply as per:
1.3.3.3. Application of Parts 9, 10 and 11
1) Part 9 of Division B applies to all buildings described in Article 1.1.1.1. of 3 storeys or less in building height, having a building area not exceeding 600 m2, and used for major occupancies classified as
b) Group D, business and personal services occupancies,
d) Group F, Divisions 2 and 3, medium and low-hazard industrial occupancies.

9.10.8. Fire Resistance and Combustibility in Relation to Occupancy, Height and Supported Elements
9.10.8.1.Fire-Resistance Ratings for Floors and Roofs
1)Except as otherwise provided in this Subsection, the fire-resistance ratings of floors and roofs shall conform to Table 9.10.8.1.
Minimum Fire-Resistance Rating by Building Element:
Floors 45 min / Roofs 45 min (per Table 9.10.8.1.)
9.10.8.3.Fire-Resistance Ratings for Walls, Columns and Arches
1)Except as otherwise provided in this Subsection, all loadbearing walls, columns and arches in the storey immediately below a floor or roof assembly shall have a fire-resistance rating of not less than that required for the supported floor or roof assembly.

9.10.8.11. Part 3 as an Alternative
1)The fire-resistance ratings of floors, roofs, loadbearing walls, columns and arches need not conform to this Subsection if such assemblies conform in all respects to the appropriate requirements in Section 3.2.

3.2. Building Fire Safety
Per article 3.2.2.85. Group F, Division 3, up to 2 Storeys, *referenced in the above summary*, the roof assembly does not require a fire-resistance rating.

9.10.10.1.Application
1)This Subsection applies to service rooms in all buildings except rooms located within a dwelling unit.
9.10.10.3.Separation of Service Rooms
1)Except as provided in Sentence (2) and Articles 9.10.10.5. and 9.10.10.6., service rooms shall be separated from the remainder of the building by a fire separation having a fire-resistance rating of not less than 1 h when the floor area containing the service room is not sprinklered.

9.10.13. Doors, Dampers and Other Closures in Fire Separations
9.10.13.12.Service Room Doors
1)Swing-type doors shall open into service rooms containing fuel-fired equipment where such doors lead to public corridors or rooms used for assembly but shall swing outward from such rooms in all other cases.

9.10.20. Firefighting
9.10.20.4.Portable Extinguishers
1)Portable extinguishers shall be installed in all buildings, except within dwelling units, in conformance with the Alberta Fire Code 2014.

EXTERIOR WALL GENERAL NOTES:

1. WHERE APPLICABLE, PROVIDE DENS-SHIELD TILE BACKER OR APPROVED EQUAL AROUND ALL TUBS AND SHOWERS.
2. WHERE APPLICABLE, ENSURE GYPSUM BOARD ON ALL EXTERIOR WALLS CONTINUES PAST LIP OF TUB TO FLOOR. PROVIDE A SECOND LAYER OF GYPSUM BOARD AS REQUIRED TO INSTALL TUB OR SHOWER.
3. WHERE APPLICABLE, ALL EXPOSED GYPSUM BOARD SURFACES TO BE TAPED AND SANDED.
4. WHERE APPLICABLE, PLYWOOD OR O.S.B. SHEATHING APPLIED AS AN INTERIOR FINISH SURFACE FACE IS TO BE FILLED AND SANDED, INCLUDING AT EXPOSED BUTT-JOINT CORNERS, WITH SURFACE PREPARATION TO RECEIVE A PAINT FINISH.
5. CONFIRM STUD SPACING AND SIZE OF ALL LOAD BEARING WALLS WITH STRUCTURAL DRAWINGS.
6. REFER TO STRUCTURAL DRAWINGS FOR EXTERIOR SHEATHING AND, WHERE APPLICABLE, INTERIOR SHEATHING.
7. ALL WOOD SILL PLATES IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED, OR SEPARATED FROM CONCRETE WITH A SILL GASKET.

EXTERIOR WALL ASSEMBLIES:

(E1) TYPICAL EXTERIOR WALL:
HARDIE PLANK LAP SIDING W. NOM. 5" (125mm) EXPOSURE
(5/16" x 6 1/4" / 7.9mm x 158.7mm), COLOUR: PAINT TO MATCH "BAR U RED"
AIR BARRIER SHEATHING MEMBRANE, 2 LAYERS 30 MINUTE BUILDING PAPER
EXTERIOR SHEATHING - REFER TO STRUCTURAL DRAWINGS FOR THICKNESS.
NOM. 2x6 (38x89) STUDS. REFER TO STRUCTURAL DRAWINGS FOR SPACING.
FIBREGLASS BATT THERMAL INSULATION, MIN. RSI 3.5 IN WALL CAVITY.
POLYETHYLENE VAPOUR RETARDANT, 6 MIL THICKNESS
O.S.B. PANELS AT INTERIOR, 12.5mm THICKNESS. PAINTED FINISH, COLOUR: WHITE.

(E2) EXTERIOR WALL - EAST SIDE:
HARDIE PLANK LAP SIDING W. NOM. 5" (125mm) EXPOSURE
(5/16" x 6 1/4" / 7.9mm x 158.7mm), COLOUR: PAINT TO MATCH "BAR U RED"
AIR BARRIER SHEATHING MEMBRANE, 2 LAYERS 30 MINUTE BUILDING PAPER
EXTERIOR SHEATHING - REFER TO STRUCTURAL DRAWINGS FOR THICKNESS.
NOM. 2x8 (38x184) STUDS. REFER TO STRUCTURAL DRAWINGS FOR SPACING.
FIBREGLASS BATT THERMAL INSULATION, MIN. RSI 3.5 IN WALL CAVITY.
POLYETHYLENE VAPOUR RETARDANT, 6 MIL THICKNESS
O.S.B. PANELS AT INTERIOR, 12.5mm THICKNESS. PAINTED FINISH, COLOUR: WHITE.

(E3) EXTERIOR WALL - CLERESTORY (NORTH & SOUTH SIDE):
HARDIE PLANK LAP SIDING W. NOM. 5" (125mm) EXPOSURE
(5/16" x 6 1/4" / 7.9mm x 158.7mm), COLOUR: PAINT TO MATCH "BAR U RED"
AIR BARRIER SHEATHING MEMBRANE, 2 LAYERS 30 MINUTE BUILDING PAPER
EXTERIOR SHEATHING - REFER TO STRUCTURAL DRAWINGS FOR THICKNESS.
NOM. 2x6 (38x140) STUDS. REFER TO STRUCTURAL DRAWINGS FOR SPACING.
FIBREGLASS BATT THERMAL INSULATION, MIN. RSI 3.5 IN WALL CAVITY.
POLYETHYLENE VAPOUR RETARDANT, 6 MIL THICKNESS
O.S.B. PANELS AT INTERIOR, 12.5mm THICKNESS. PAINTED FINISH, COLOUR: WHITE.

(E4) EXTERIOR WALL AT FOUNDATION PERIMETER - ABOVE AND BELOW GRADE:
CEMENT PARGING ON WIRE LATH, MIN. 12mm THICKNESS - EXTENDS TO MIN. 150mm BELOW GRADE.
RIGID INSULATION, EXTRUDED POLYSTYRENE, THICKNESS = 50mm, R10.0 / RSI 1.76, BONDED TO FOUNDATION WALL FACE. EXTENDS DOWN TO TOP OF FOOTING.
REINFORCED CONCRETE FOUNDATION WALL. REFER TO STRUCTURAL DRAWINGS.

INTERIOR WALL GENERAL NOTES:

1. ENSURE ALL ADJACENT GYPSUM BOARD SURFACES ARE FLUSH.
2. ALL EXPOSED GYPSUM BOARD SURFACES ARE TO BE TAPED AND SANDED.
3. ENSURE GYPSUM BOARD ON ALL FIRE RATED WALLS CONTINUES PAST LIP OF TUB TO FLOOR. PROVIDE A SECOND LAYER OF GYPSUM BOARD AS REQUIRED TO INSTALL TUB OR SHOWER.
4. PLYWOOD SHEATHING APPLIED AS AN INTERIOR FINISH SURFACE FACE IS TO BE FILLED AND SANDED, INCLUDING AT EXPOSED BUTT-JOINT CORNERS, WITH SURFACE PREPARATION TO RECEIVE A PAINT FINISH.
5. CONFIRM STUD SPACING AND LOCATIONS FOR ALL LOAD BEARING WALLS WITH STRUCTURAL DRAWINGS.
6. ALL WALL FIRE SEPARATIONS ARE CONTINUOUS FROM FLOOR SLAB TO UNDERSIDE OF ROOF ASSEMBLY ABOVE. FIRE STOP AT TOP OF WALL.
7. PROVIDE FIRE STOPPING AROUND ALL MECH./ELEC. PENETRATIONS OF FIRE SEPARATIONS.
8. PROVIDE FIRE DAMPERS IN ALL MECH. DUCTS PENETRATING FIRE RATED ASSEMBLIES.
9. PROVIDE FIRE RATED ACCESS PANELS IN ALL FIRE RATED PARTITIONS REQUIRING ACCESS TO MECH. & ELECT. EQUIPMENT.
10. CONFIRM ROUGH OPENINGS FOR ALL PLUMBING FIXTURES WITH SUPPLIERS. PROVIDE FURRING AS REQUIRED TO ADJUST ROUGH OPENINGS.
11. PROVIDE DENS-SHIELD TILE BACKER OR APPROVED EQUAL AROUND ALL SHOWERS OR WHERE TILE INSTALLATION IS INDICATED.
12. FURR OUT WALLS AS REQUIRED TO ACCOMMODATE PLUMBING, CONFIRM LOCATIONS ON MECHANICAL DRAWINGS.
13. CONFIRM MD RATIO OF COLUMNS ON THE STRUCTURAL DRAWINGS WHERE APPLICABLE.
14. PROVIDE ADEQUATE BLOCKING / PLYWOOD BACKING IN WALLS WHERE REQUIRED.
15. ALL WOOD SILL PLATES IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED, OR SEPARATED FROM CONCRETE WITH A SILL GASKET.

INTERIOR WALL ASSEMBLIES:

(P1) INTERIOR PARTITION (NON-RATED):
O.S.B. PANELS AT INTERIOR, 12.5mm THICKNESS. PAINTED FINISH, COLOUR: WHITE - AT WORKSHOP SIDE
NOM. 2x5 (38x89) STUDS AT 400mm O.C.
89mm ACOUSTIC BATT INSULATION
O.S.B. PANELS AT INTERIOR, 12.5mm THICKNESS. PAINTED FINISH, COLOUR: WHITE - AT OFFICE / WASHROOM SIDE

(P2) INTERIOR PARTITION - 1HR FIRE-RESISTANCE RATING (*BETW. OFFICE AND MECH. RM. / WORKSHOP AND MECH. RM.*):
O.S.B. PANELS AT INTERIOR, 12.5mm THICKNESS. PAINTED FINISH, COLOUR: WHITE - AT OFFICE SIDE / WORKSHOP SIDE
15.9mm TYPE 'X' GYPSUM BOARD
NOM. 2x4 (38x89) STUDS AT 400mm O.C.
89mm ACOUSTIC BATT INSULATION
15.9mm TYPE 'X' GYPSUM BOARD
(FIRE SEPARATION WITH 1HR FIRE RESISTANCE RATING REQUIRED. FIRE SEPARATION WITH 1HR FIRE RESISTANCE RATING & STC 36 PROVIDED - AS PER 2014 ABC APPENDIX A TABLE A-9.10.3.1.A., WALL NUMBER W1a.)

(P3) INTERIOR PARTITION - 1HR FIRE-RESISTANCE RATING (*BETW. WASHRM. AND MECH. RM.*):
O.S.B. PANELS AT INTERIOR, 12.5mm THICKNESS. PAINTED FINISH, COLOUR: WHITE - AT WASHRM. SIDE
15.9mm TYPE 'X' GYPSUM BOARD
NOM. 2x6 (38x140) STUDS AT 400mm O.C.
140mm ACOUSTIC BATT INSULATION
15.9mm TYPE 'X' GYPSUM BOARD
(FIRE SEPARATION WITH 1HR FIRE RESISTANCE RATING REQUIRED. FIRE SEPARATION WITH 1HR FIRE RESISTANCE RATING & STC 36 PROVIDED - AS PER 2014 ABC APPENDIX A TABLE A-9.10.3.1.A., SIMILAR TO WALL NUMBER W1a.)

FLOOR ASSEMBLY GENERAL NOTES:

1. REFER TO STRUCTURAL DRAWINGS FOR CONCRETE FLOOR SLAB THICKNESS, REINFORCEMENT, ETC.
2. WHERE APPLICABLE, PROVIDE FIRE STOPPING AT ALL PENETRATIONS OF FIRE SEPARATIONS.
3. WHERE APPLICABLE, PROVIDE FIRE DAMPERS IN ALL MECHANICAL DUCTS PENETRATING FIRE SEPARATIONS.
4. PROVIDE NON-SLIP CLEAR SEALER TO CONCRETE FLOOR SLAB SURFACE THROUGHOUT.

FLOOR ASSEMBLIES:

(F1) MAIN FLOOR SLAB:
CONCRETE SLAB-ON-GRADE, REFER TO STRUCTURAL DRAWINGS UNDERSLAB SHEET VAPOUR RETARDANT, POLYETHYLENE, 6 MIL. COMPACTED GRANULAR FILL, REFER TO STRUCTURAL DRAWINGS

ROOF ASSEMBLY GENERAL NOTES:

1. PROVIDE VALLEY PROTECTION ICE AND WATERSHIELD MEMBRANES AND EXTEND A MIN. 760mm UP THE ROOF IN BOTH DIRECTIONS WITH A MIN. 150mm SHEET OVERLAP.
2. PROVIDE HIP AND RIDGE PROTECTION ICE AND WATERSHIELD MEMBRANES IN MIN. 900mm WIDE ROLLS AND CENTERED OVER THE HIP AND RIDGE WITH A MIN. 150mm SHEET OVERLAP.
3. PROVIDE ICE AND WATERSHIELD MEMBRANES ON ROOF SHEATHING FOR A MIN. 760mm ADJACENT ANY VERTICAL SURFACES AND RETURN UP ALL VERTICAL SURFACES A MIN. OF 450mm.
4. EAVE PROTECTION TO EXTEND A MIN. 900mm UP THE ROOF FROM THE LINE OF THE INSIDE FACE OF THE EXTERIOR WALL WITH A MIN. 150mm SHEET OVERLAP.
5. PROVIDE ICE AND WATERSHIELD MEMBRANES ON ANY ROOF LOCATED BELOW ANOTHER ROOF FOR A MIN. 900mm PAST THE DRIP LINE IN EITHER DIRECTION WITH A MIN. 150mm SHEET OVERLAP.
6. ALL TJI ROOF JOISTS, IF APPLICABLE, TO BE COMPLETE WITH 38mm Ø HOLES @ 300mm O.C. FOR CROSS VENTILATION. TJI ROOF JOISTS TO BE OF SUFFICIENT DEPTH TO ALLOW FOR VENTILATION SPACE ABOVE MINIMUM REQUIRED INSULATION THICKNESS.
7. MAINTAIN A MIN. 75mm VENTED AIR SPACE ABOVE THE BATT INSULATION THROUGHOUT THE ROOF. USE INSULATION STOPS AROUND THE PERIMETER OF THE ATTIC SPACES ABOVE THE EXTERIOR WALLS AND ENSURING A MIN. 75mm CLEAR DIMENSION ABOVE THE FULL DEPTH OF INSULATION OVER THE TOP OF THE STUD PLATES TO THE U/S OF THE ROOF SHEATHING. MAINTAIN MIN. REQUIRED INSULATION DEPTH ABOVE TOP OF STUD PLATES.
8. PROVIDE ATTIC VENTILATION TO ALL AREAS OF ROOF, MINIMUM 1/300TH OF CEILING AREA WITH MINIMUM 25% AT SOFFIT AND MINIMUM 50% AT ROOF RIDGE.
9. ROOF TRUSSES AS PER THE SHOP DRAWINGS SHALL BEAR THE STAMP OF A STRUCTURAL ENGINEER REGISTERED IN ALBERTA AND SHALL BE REVIEWED BY THE CONSULTING STRUCTURAL ENGINEER.
10. CONFIRM ALL ROOF SHEATHING THICKNESSES WITH THE STRUCTURAL DRAWINGS.
11. GYPSUM BOARD ON THE UNDERSIDE OF ALL ROOF ASSEMBLIES TO BE CARRIED DOWN AND AROUND ANY DROPPED BEAMS IN THE FRAMING ASSEMBLY UNLESS NOTED OTHERWISE. REFER TO THE STRUCTURAL DRAWINGS FOR LOCATIONS.
12. COORDINATE ALL MECHANICAL ROOF PENETRATIONS WITH MECHANICAL CONTRACTOR. ALL FANS, VENTS AND FLUES TO BE PAINTED TO MATCH ROOF OR AS PER ARCHITECT.
13. ALL ROOFS ARE TO BE STANDING SEAM METAL ROOFING UNLESS OTHERWISE NOTED.
14. DIMENSIONS TO ROOF OVERHANGS ARE FROM FACE OF SHEATHING AT EXTERIOR WALL TO BACK FACE OF FINISH FASCIA UNLESS OTHERWISE NOTED.
15. PROVIDE EAVESTROUGHING AND RAIN WATER LEADERS TO DIRECT RAIN WATER AWAY FROM PERIMETER OF BUILDING.
16. ALL RWL'S AND EAVESTROUGHS TO BE PREFINISHED - COLOUR AS INDICATED ON EXTERIOR ELEVATIONS DRAWING.

ROOF ASSEMBLIES:

(R1) UPPER (MAIN) ROOF ASSEMBLY:
PREFINISHED STANDING SEAM METAL ROOFING, WITH NOMINAL 38mm FIELD LOK PROFILE
ROOFING UNDERLAYMENT
ROOF SHEATHING
REFER TO STRUCTURAL DRAWINGS FOR THICKNESS
PRE-ENGINEERED WOOD ROOF TRUSSES
REFER TO STRUCTURAL DRAWINGS
BATT INSULATION, MIN. R40 (RSI 7.0)
6 MIL POLYETHYLENE VAPOUR RETARDANT
O.S.B. PANELS AT INTERIOR, 12.5mm THICKNESS. PAINTED FINISH, COLOUR: WHITE.

(R2) LOWER (SHED) ROOF ASSEMBLY:
PREFINISHED STANDING SEAM METAL ROOFING, WITH NOMINAL 38mm FIELD LOK PROFILE
ROOFING UNDERLAYMENT
ROOF SHEATHING
REFER TO STRUCTURAL DRAWINGS FOR THICKNESS
TJI ROOF JOIST FRAMING, 400mm DEPTH C/W 38mm Ø VENT HOLES AT 300mm O.C.
REFER TO STRUCTURAL DRAWINGS
BATT INSULATION, MIN. R40 (RSI 7.0)
6 MIL POLYETHYLENE VAPOUR RETARDANT
O.S.B. PANELS AT INTERIOR, 12.5mm THICKNESS. PAINTED FINISH, COLOUR: WHITE.

SOFFIT ASSEMBLIES:

(S1) VENTED METAL SOFFIT:
PREFINISHED VENTED METAL SOFFIT, COLOUR: WHITE
INCLINED SOFFIT INSTALLATION TO FOLLOW UNDERSIDE OF RAFTERS - NOM. 2x4 (38x89) OUTRIGGER FRAMING TO MATCH TRUSS SPACING, REFER TO STRUCTURAL DRAWINGS

CEILING ASSEMBLY GENERAL NOTES:

1. ALL SUSPENDED GYPSUM BOARD CEILINGS WHERE NOTED ARE TO BE CONSTRUCTED OF 12.7mm CEILING BOARD C/W FURRING BARS @ 400mm O.C. ON 64mm STEEL CARRYING CHANNELS @ 600mm O.C. IN WIRE SUSPENSION SYSTEM.
2. ALL GYPSUM BOARD BULKHEADS WHERE NOTED ARE TO BE CONSTRUCTED OF 15.9mm GYPSUM BOARD ON MINIMUM 64mm STEEL STUD FRAMING @ 400mm O.C. C/W CROSS-BRACING AS REQUIRED FOR RIGID CONSTRUCTION.
3. REFER TO THE REFLECTED CEILING PLANS FOR SPECIFIC CEILING HEIGHTS AND / OR CEILING TYPES.
4. PROVIDE BLOCKING WHERE REQUIRED FOR ALL CEILING MOUNTED ACCESSORIES.
5. PROVIDE FIRE RATED ACCESS PANELS IN ALL FIRE RATED CEILINGS AND BULKHEADS REQUIRING ACCESS TO MECHANICAL AND ELECTRICAL EQUIPMENT.

CEILING TYPES:

(C1) SUSPENDED T-BAR CEILING SYSTEM, WITH ACOUSTIC CEILING TILE IN NOMINAL 1220x610 GRID

(C2) O.S.B. PANELS AT INTERIOR, 12.5mm THICKNESS, AT UNDERSIDE OF ROOF TRUSSES (R1 and R2 ROOF ASSEMBLIES. PAINTED FINISH (COLOUR: WHITE)

(C3) 2 LAYERS 15.9mm TYPE 'X' GYPSUM BOARD CEILING AT UNDERSIDE OF TJI ROOF TRUSSES (OCCURS IN MECH. RM.). PAINTED FINISH (COLOUR: WHITE)

FITMENTS LEGEND:

NOTE:
1. ALL FITMENTS ARE TO BE INSTALLED AS PER MANUFACTURERS INSTRUCTIONS FOR BARRIER FREE DESIGN.
2. ALL FITMENTS TO BE SUPPLIED AND INSTALLED BY GC U.N.O. - ALL ELECTRICAL REQUIREMENTS TO BE CONFIRMED.
3. REFER TO LARGE SCALE WASHROOM PLAN & ELEVATIONS ON DRAWING A3.

(SK) SINK - REFER TO MECHANICAL DRAWINGS FOR SPECIFICATION DETAILS AND / OR PER OWNER

(FCT) FAUCET - REFER TO MECHANICAL DRAWINGS FOR SPECIFICATION DETAILS AND / OR PER OWNER

(WC) WATER CLOSET - REFER TO MECHANICAL DRAWINGS FOR SPECIFICATION DETAILS AND / OR PER OWNER

(GB1) FROST 760 mm STRAIGHT STAINLESS STEEL GRAB BAR (PEENED FINISH) - HORIZONTAL

(GB2) ANGLED STAINLESS STEEL GRAB BAR (PEENED FINISH)

(TT) SINGLE ROLL TOILET TISSUE DISPENSER

(SD) SOAP DISPENSER

(PTD) PAPER TOWEL DISPENSER / WASTE RECEPTACLE, WALL-MOUNTED, STAINLESS STEEL FINISH OR AS PER OWNER

(MR) CLEAR TEMPERED WALL MOUNTED MIRROR W/ POLISHED EDGES - TO BE INSTALLED W/ CONCEALED METAL CLIPS - (915mm ± WIDE x 1220mm ± HIGH)

(VAN) VANITY COUNTERTOP WITH BACKSPLASH (INCLUDING SIDE RETURN AGAINST ABUTTING WALL) W. PLAM FINISH AS PER OWNER

DRAWING REFERENCE SYMBOLS:

1 / A0.0 — DETAIL NO. / SHEET NO. WHERE LOCATED
1 / A0.0 — ELEVATION NO. / SHEET NO. WHERE LOCATED
1 / A0.0 — SECTION NO. / SHEET NO. WHERE LOCATED
1 / A0.0 — ELEVATION NO. / INTERIOR ELEVATION NO. / SHEET NO. WHERE LOCATED
1 / A0.0 — INTERIOR ELEVATION NO. / ELEVATION NO. / SHEET NO. WHERE LOCATED
1 / A0.0 — DRAWING NO. / DRAWING TITLE / SCALE / DRAWING SCALE / SHEET NO. WHERE LOCATED
1 / A0.0 — DRAWING NO. / DRAWING TITLE / SCALE / DRAWING SCALE / SHEET NO. WHERE LOCATED / SHEET NO. REFERENCED FROM
TITLE / HEIGHT — OBJECT NAME / OBJECT HEIGHT FROM A GIVEN ELEVATION
SLOPE UP / "A" OR DIST — SLOPE DIRECTION / SLOPE INCREMENT
C1 / 000" AFF — CEILING TYPE / HT. ABOVE FINISHED FLOOR
D0010A — SUB KEYNOTE REFERENCE / KEYNOTE REFERENCE NO.

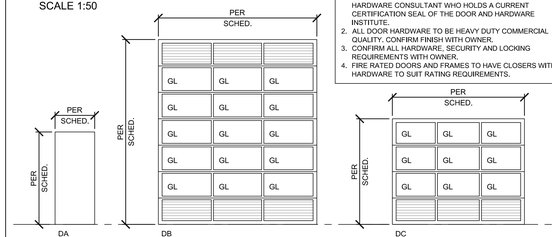
SYMBOL LEGEND:

C1 / 0'-0" — CEILING TYPE & HEIGHT - REFER TO DWG. A0
(C1) CEILING TYPE - REFER TO DWG. A0
(D1) DECK ASSEMBLY - REFER TO DWG. A0
(E1) EXTERIOR WALL ASSEMBLY - REFER TO DWG. A0
(F1) FLOOR ASSEMBLY - REFER TO DWG. A0
(H1) HANDRAIL TYPE - REFER TO DWG. A0
(M1) MILLWORK TYPE - REFER TO DWG. A0
(S1) SOFFIT NOTES - REFER TO DWG. A0
(P1) INTERIOR WALL ASSEMBLY - REFER TO DWG. A0
(R1) ROOF ASSEMBLY - REFER TO DWG. A0
(W1) WINDOW / GLAZING ASSEMBLY - REFER TO DWG. A0
1 — KEYNOTE - REFER TO DWG. --
1 / A — MATERIAL KEYNOTE W/COLOUR - REFER TO DWG. --
D0000A — DOOR NUMBER - REFER TO DWG. A0
3'-0"x7'-0" — DOOR SIZE - REFER TO DWG. A0
NAMEUPPER NAME / 101 — ROOM NAME & NUMBER - REFER TO DWG. --
1 HOUR FIRE RATING

DOOR AND FRAME SCHEDULE

	DOOR						FRAME						
NUMBER	TYPE	MATL	SIZE	GLAZING	FRR	FINISH	TYPE	DETL	MATL	FRR	FINISH	HARDWARE	NOTES
DR101A	DA	IS	914 x 2134	--	--	FF	MCF-1	FA	MC	--	FF	#	--
DR101B	DA	IS	914 x 2134	--	--	FF	MCF-1	FA	MC	--	FF	#	--
DR101C	DB	IS	3657 x 4267	TEMP	--	FF	MCF-2	FB	MC	--	FF	#	--
DR101D	DC	IS	3048 x 2438	TEMP	--	FF	MCF-3	FB	MC	--	FF	#	--
DR102	DA	HM	914 x 2032	--	--	PT-	PSF-1	FC	PS	--	PT-	#	--
DR103	DA	HM	914 x 2032	--	45 MIN.	PT-	PSF-1	FC	PS	45 MIN.	PT-	#	CLOSER REQUIRED. RATED HARDWARE REQUIRED.
DR104	DA	HM	914 x 2032	--	--	PT-	PSF-1	FC	PS	--	PT-	#	--

DOOR TYPES
SCALE 1:50



T.O. FINISH FLOOR / CONCRETE SLAB

DOOR HARDWARE NOTES:

1. DOOR HARDWARE SUPPLIER MUST BE AN ARCHITECTURAL HARDWARE CONSULTANT WHO HOLDS A CURRENT CERTIFICATION SEAL OF THE DOOR AND HARDWARE INSTITUTE.
2. ALL DOOR HARDWARE TO BE HEAVY DUTY COMMERCIAL QUALITY, CONFIRM FINISH WITH OWNER.
3. CONFIRM ALL HARDWARE, SECURITY AND LOCKING REQUIREMENTS WITH OWNER.
4. FIRE RATED DOORS AND FRAMES TO HAVE CLOSERS WITH HARDWARE TO SUIT RATING REQUIREMENTS.

DOOR SCHEDULE LEGEND

HM HOLLOW METAL, PAINTED
HMI INSULATED HOLLOW METAL, PAINTED
HCW HOLLOW CORE WOOD
ST STEEL
FF FACTORY FINISH
PS PRESSED STEEL, PAINTED
WG WIRED GLASS
BP BENT PLATE
W WOOD
GL GLAZING
AL ALUMINUM
TEMP TEMPERED GLAZING
IS INSULATED STEEL
MC METAL CLAD
PT- PAINTED FINISH - CONFIRM WITH OWNER.

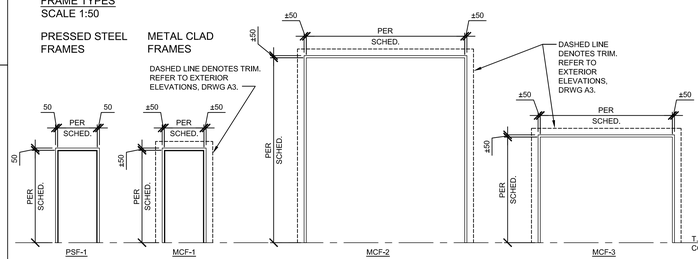
1. CONFIRM LOCATION OF DOOR GRILLES AND/OR UNDERCUT DOORS WITH MECHANICAL DRAWINGS.
2. ALL FIRE RATED DOORS AND FRAMES TO HAVE ULC LABEL.
3. ALL PRESSED STEEL FRAMES AND HOLLOW METAL DOORS TO BE PAINTED.
4. ALL METAL DOORS AND FRAMES TO BE PAINTED IF NOT PREFINISHED.
5. ALL DOOR THRESHOLDS TO BE LOW PROFILE H/C.

FRAME TYPES
SCALE 1:50

PRESSED STEEL FRAMES

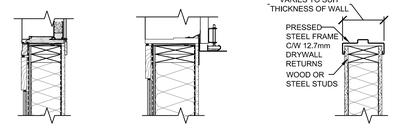
METAL CLAD FRAMES

DASHED LINE DENOTES TRIM. REFER TO EXTERIOR ELEVATIONS, DRWG A3.



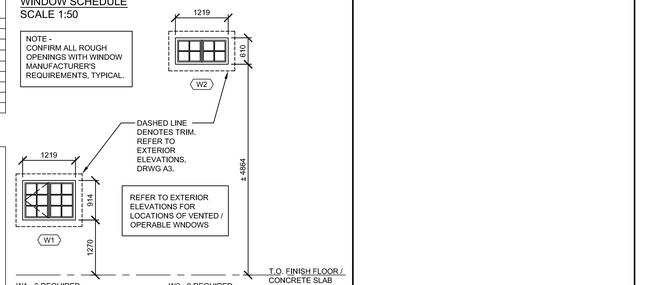
FRAME DETAILS
SCALE 1:10

FRAME DETAILS SHOW GENERAL INTENT FOR DOOR/SCHEDULE. REFER ALSO TO SEPARATE DETAIL DRAWINGS FOR INSTALLATION DETAILS (A3).



WINDOW SCHEDULE
SCALE 1:50

NOTE -
CONFIRM ALL ROUGH OPENINGS WITH WINDOW MANUFACTURER'S REQUIREMENTS, TYPICAL.



W1 - 6 REQUIRED
W2 - 8 REQUIRED

EXTERIOR GLAZING NOTES

1. EXTERIOR GLAZING UNIT SIZES AS INDICATED ARE TO BE VERIFIED DURING THE SHOP DRAWINGS STAGE FOR CONFIGURATIONS AND ROUGH OPENINGS AS REQUIRED BY THE WINDOW SUPPLIER. ANY AND ALL DIMENSIONAL ADJUSTMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND THE SITE FOR ADJUSTMENTS.
2. REFER TO DRAWING A3 FOR WINDOW INSTALLATION DETAILS.
3. SHOP DRAWINGS MUST BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVALS.

No.	Date/Date	Description/Description	Drawn by Dessiné par	Approved Approuvé
0	2015/11/06	ISSUED FOR TENDER AND CONSTRUCTION	D.J.M.	C.S.
A	2015/08/28	ISSUED FOR TENDER AND CONSTRUCTION	D.J.M.	C.S.

Revision / Revision

A detail number / numero de detail
B source drawing no. / de dessin no.
C detail on drawing no. / detail sur dessin no.

Consultant's Name / Nom de l'expert-conseil
Associated Engineering
APEGA Permit to Practice P 3979

Eng. Stamp / Sceau de l'ingenieur
CLAUDIA SCHEIN REGISTERED PROFESSIONAL ENGINEER ALBERTA

MTa
301, 215-10 Avenue SW. Calgary, AB T2R 0A4
t. 403.264.8700
f. 403.264.8029
www.mtalink.com
marshall tittemore architects

Client / client
Parks Canada Agency / L'Agence Parcs Canada
Western and Northern Region / Ouest et Nord du Canada

Project title / Titre du projet

BAR–U RANCH WORKSHOP REPLACEMENT

WATERTON LAKES NATIONAL PARK

Drawing title / Titre du dessin

BLDG. CODE SUMMARY / GEN. NOTES & ASSEMBLIES DOOR/WINDOW SCHEDULES

Surveyed by/Arpenté par	Drawn by/Dessiné par	Date/Date
	DARRELL MOSS	AUG 28, 2015
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle
		AS SHOWN

PWGSC Project Manager/Administrateur de Projets TPSGC

Client Acceptance/Acceptation du client — Approved by/Approuvé par

Park Responsible Officer/Agent Responsable — PWGSC Project Manager/Administrateur de Projets TPSGC

Project No./No. du projet	Asset No./No. du-bien	Sheet No./ No. de la feuille
20153361		X OF XX

Drawing Reference No./No. de reference du dessin: A0

AD 1189 x 841