

GENERAL NOTES:

- ALL SPECIFICATIONS AND CODES SPECIFIED SHALL BE THE LATEST REVISION AVAILABLE.
- SITE VERIFY ALL DIMENSIONS, ELEVATIONS, DETAILS, QUANTITIES AND CONDITIONS PRIOR TO START OF ANY DEMOLITION, CONSTRUCTION OR PREFABRICATION OF ANY BUILDING OR STRUCTURAL COMPONENT.
- EXISTING STRUCTURAL SUPPORTS WHICH INTERFERE WITH NEW WORK SHALL BE RELOCATED UPON APPROVAL BY THE DESIGN ENGINEER.
- THE CONTRACTOR SHALL ENSURE THAT ALL BURIED SERVICES ARE LOCATED AND MARKED PRIOR TO EXCAVATION.
- ALL BUILDING SYSTEMS COMPONENTS SHALL BE THE PRODUCTS OF A SINGLE MANUFACTURER UNLESS SPECIFIED OTHERWISE.
- SHIP, STORE, HANDLE, ERECT, INSTALL, ETC. ALL BUILDING MATERIALS, COMPONENTS, FIXTURES, EQUIPMENT, ETC. AS PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
- ALL DEMOLITION, FABRICATION, CONSTRUCTION, ETC. SHALL BE CARRIED OUT IN ACCORDANCE WITH ALL PERTINENT BUILDING CODES, AND LOCAL BY-LAWS AND ORDINANCES.
- EACH TRADE SHALL BE RESPONSIBLE TO PROVIDE ADEQUATE PROTECTION FOR THE EXISTING FACILITY PROPERTY TO PREVENT PHYSICAL DAMAGE AND LOSS OF VALUE OR USE OF ANY KIND, AS A RESULT OF DEMOLITION, CONSTRUCTION AND RELATED ACTIVITIES.
- TIME AND DURATION OF ANY NECESSARY DISRUPTION IN THE USE OF ANY ROOM, SPACE, SERVICE, EQUIPMENT, ETC. SHALL BE COORDINATED WITH, AND APPROVED BY THE CONTRACT ADMINISTRATOR AT THE START OF THE PROJECT. PROVIDE CONTRACT ADMINISTRATOR WITH MINIMUM ONE WEEK NOTICE (OR AS REQUIRED) PRIOR TO EACH ACTUAL OCCURRENCE.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE CONTRACT ADMINISTRATOR AND THE DESIGN ENGINEER OF ANY PREVIOUSLY UNNOTICED PRE-EXISTING FLAW OR CONDITION THAT MIGHT INCREASE THE SCOPE OF WORK OR COMPROMISE NEW CONSTRUCTION, PRIOR TO THE START OF DEMOLITION OR CONSTRUCTION, OR AS SOON AS IT IS DISCOVERED.
- DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE PROJECT TECHNICAL SPECIFICATIONS.

DEMOLITION:

- ALL DEMOLITION WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF ALL PERTINENT BUILDING CODES, THE MANITOBA DEPARTMENT OF LABOUR, AND ANY OTHER PROVINCIAL AND LOCAL BY-LAWS, REGULATIONS AND ORDINANCES.
- DEMOLITION SHALL INCLUDE THE SAFE REMOVAL, HAULING AND DUMPING OF ALL DEBRIS, ETC. TO AN APPROVED SITE. ALL COSTS ASSOCIATED WITH THIS OPERATION, INCLUDING TRANSPORT, LICENSES AND FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- COORDINATE THE MOVING AND STORAGE OF SALVAGED ITEMS, MATERIALS, EQUIPMENT, ETC. WITH THE CONTRACT ADMINISTRATOR.

REQUESTS FOR ALTERNATES:

- REQUESTS FOR ALTERNATES ON SPECIFIED PRODUCTS MUST BE DONE IN ACCORDANCE WITH B7. SUBSTITUTES.

PATCHING - GENERAL:

- PATCH EXISTING FLOOR, WALL, CEILING ASSEMBLIES, ETC. WHERE REQUIRED DUE TO DEMOLITION/RENOVATION WORK TO MATCH EXISTING CONSTRUCTION, MATERIALS, TEXTURES AND FINISHES UNLESS NOTED OR PERMITTED OTHERWISE.
- USE ONLY NEW MATERIALS TO BLEND WITH EXISTING EXCEPT WHERE THE USE OF SALVAGED EXISTING MATERIALS WOULD BE DESIRABLE AND IS PERMITTED BY THE CONTRACT ADMINISTRATOR.
- EXISTING ASSEMBLIES THAT ARE DAMAGED OR WEAKENED IN ANY WAY DUE TO DEMOLITION AND RENOVATION WORK, SHALL BE RESTORED TO THEIR FORMER STATE BY REINFORCING, REBUILDING, OR REPLACEMENT, TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR.
- PATCHED WALL AREAS SHALL BE PAINTED TO INCLUDE THE ENTIRE SURFACE PLANE TO THE NEAREST CORNERS AND WALL AND CEILING INTERFACES UNLESS PERMITTED OTHERWISE.

ACID WASH:

- ACID WASH POOL TANK INCLUDING GUTTER AND ALL AREAS TO RECEIVE EPOXY GROUT.
- PROTECT ALL SURFACES THAT MAY BE DAMAGED BY ACID SOLUTION.
- USE A ACID SOLUTION OF 1 PART HYDROCHLORIC ACID TO 3 PARTS WATER.
- APPLY HYDROCHLORIC ACID SOLUTION TO TILES AND GROUT.
- USING A STIFF BRUSH, WORK ACID INTO GROUT SPACES AND TILES TO CLEAN GROUT AND TILES.
- RINSE ACID OFF OF TILED SURFACE WITH WATER TO ENSURE A SURFACE THAT IS SUITABLE FOR EPOXY GROUT.
- REDO HYDROCHLORIC ACID APPLICATION WHERE STAINS ARE NOT REMOVED.

ACOUSTIC PANELS:

- ACOUSTICAL PANELS TO BE AN OPEN-CELL, FIBRE-FREE MELAMINE FOAM. APPROVED PRODUCT: WILTECS AS MANUFACTURED BY PINTA ACOUSTIC OR APPROVED EQUAL IN ACCORDANCE WITH B7.
- INSTALLATION SHALL BE SURFACE MOUNTED TO EXISTING STEEL SUPPORTS. FASTEN TO EXISTING STEEL WITH GALVANIZED FASTENERS.
- COLOR TO BE WHITE.
- INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND STANDARDS BY MANUFACTURER'S AUTHORIZED REPRESENTATIVES.

UNIT MASONRY:

- MASONRY UNITS SHALL BE MANUFACTURED IN ACCORDANCE WITH CANCSA A165.1 (LATEST), CONSTRUCT MASONRY IN ACCORDANCE WITH CANCSA A371 (LATEST), CONNECTORS SHALL BE IN ACCORDANCE WITH CANCSA A370 (LATEST).
- ALL CONCRETE MASONRY TO BE AS NOTED AND DETAILED. NORMAL WEIGHT HOLLOW, LOADBEARING UNITS SHALL BE H15M4.
- MORTAR SHALL BE TYPE 'S' AND MANUFACTURED TO CANCSA A179 (LATEST), ADMIXTURES SHALL NOT BE USED WITHOUT WRITTEN APPROVAL FROM THE DESIGN ENGINEER.
- GROUT IN-FILL SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 12.5 MPa AT 28 DAYS BY CYLLINDER TEST AS PER CANCSA A179 (LATEST), MAXIMUM AGGREGATE SIZE 3/8", SLUMP 4" (HORIZONTAL IN-FILL) 8" (VERTICAL IN-FILL), AIR 1%-3%.
- PROVIDE CLEAN-OUTS AT BOTTOM OF ALL FILLED CORE LIFTS. REMOVE ALL MORTAR FLASH AND DROPPINGS FROM CORES PRIOR TO IN-FILLING, VIBRATE OR TAMP ALL GROUT FILL. LIFTS SHALL NOT EXCEED 8'-0" UNLESS APPROVED BY DESIGN ENGINEER.
- PROVIDE 3/8mm (9 GA.) LADDER TYPE 'DUR-O-WAL' (OR EQUAL) HORIZONTAL JOINT REINFORCEMENT AT EVERY SECOND COURSE. WALL/VENEER REINFORCEMENT TO BE HOT-DIPPED GALVANIZED, MINIMUM JOINT REINFORCING LAP 6". SEE DRAWINGS NOTES AND DETAILS FOR ADDITIONAL CORE/COURSE REINFORCING.
- INSTALL ALL BLOCK IN RUNNING BOND PATTERN. TOOL ALL MORTAR JOINTS TO BE CONCAVE.
- MASONRY CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN, SUPPLY AND ERECTION OF ALL TEMPORARY GUYING AND BRACING REQUIRED TO STABILIZE MASONRY WALLS.
- PROVIDE M/C1 MASONRY COLUMNS AT EACH SIDE OF ALL OPENINGS, CORNERS AND WALL INTERSECTIONS.

M/C1 MASONRY COLUMNS

- 1 BLOCK CORE FILLED WITH CONC. 1-1.5M VERTICAL CW MATCHING DOWELS FROM FLOOR STRUCTURE

STEEL STUD FRAMING (NON-LOADBEARING):

- INSTALL ALL FRAMING PLUMB, LEVEL, AND SQUARE.
- PROVIDE WOOD AND/OR METAL BLOCKING/BACKING AT ALL TOILET PARTITIONS, CABINETWORK, PLUMBING FIXTURES, LOCKERS, ETC., AND ANY LOCATION WHERE OTHER TRADES REQUIRE SOLID BACKING.
- INTERIOR WALL STEEL STUDS, TRACK, FLURRING BARS, ETC. TO BE 26 GA. SECTIONS ROLL FORMED FROM ZINC COATED SHEET STEEL TO ASTM C645. SEE DRAWINGS FOR SECTION SIZES AND SPACING.
- PROVIDE LONG-LEGGED DOUBLE TOP TRACKS AT TOP OF ALL FULL HEIGHT WALL FRAMING TO ALLOW 1/4" DEFLECTION.
- USE 20 GA. THICK STUDS FOR ALL WALLS TO RECEIVE CEMENT BOARD, DOUBLE LAYER GYPSUM BOARD OR CERAMIC TILE FINISH.
- PROVIDE DOUBLE FULL HEIGHT 20 GA. STUDS AT ALL DOORS, AND OTHER OPENINGS. REQUIRE A STUD TO BE INTERRUPTED. PROVIDE 20 GA. THICK HEAD AND SILL FRAMING AT THESE OPENINGS.

GYPSUM BOARD:

- GYPSUM BOARD IN ACCORDANCE WITH CANCSA-82.27 (LATEST). ALL PRODUCTS AS MANUFACTURED BY CGC, GP GYPSUM, CERTAINTED OR EQUAL. SEE DRAWINGS FOR TYPES AND THICKNESS. SHEETS TO BE OF LARGEST PRACTICAL SIZE WITH BEVELED EDGES FOR TAPING.
- WATER RESISTANT GYPSUM BOARD ACCEPTABLE PRODUCT: DENSAARMOR PLUS AS MANUFACTURED BY GEORGIA-PACIFIC OR APPROVED EQUAL. IN ACCORDANCE WITH B7.
- INSTALL ALL GYPSUM BOARD SQUARE, PLUMB AND LEVEL, IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, THE NATIONAL BUILDING CODE AND GOOD STANDARD PRACTICE.
- FASTEN BOARD TO STEEL FRAMING USING 5-12 DRYWALL SCREWS. USE CORROSION-RESISTANT SCREWS FOR ALL EXTERIOR OR WET AREA APPLICATIONS. ALL SCREWS MUST PROVIDE 1/2" MINIMUM THREAD ENGAGEMENT IN STEEL FRAMING. SPACE FASTENERS FOR INTERIOR WORK AT 12" O/C MAXIMUM ALONG ALL SUPPORTS FOR ALL LAYERS OR AS REQUIRED FOR TESTED ASSEMBLY. SPACE FASTENERS FOR EXTERIOR SHEATHINGS/OFFSET WORK AT 8" O/C MAXIMUM ALONG ALL SUPPORTS. INSTALL BOARD PARALLEL OR PERPENDICULAR TO FRAMING, STAGGERING ALL JOINTS BY ONE FRAMING SPACE, MINIMUM.
- SOUND WALLS (WITH MINERAL FIBER SOUND BLANKETS) SHALL BE SEALED WITH ACOUSTICAL SEALANT ALL AROUND PERIMETER AND PENETRATIONS.
- PROVIDE CORNER BEADS, FILL TYPE 'TRIM' (REGULAR AND SELF-MASKING) AND OTHER ACCESSORIES AS REQUIRED AND NOTED. FINISH ALL JOINTS WITH 3 COAT SYSTEM. TAPE EMBEDDED WITH JOINT COMPOUND, AND 2 COATS OF FINISHING COMPOUND. SAND SMOOTH. PROVIDE SKIN COAT OVER ENTIRE GYPSUM BOARD SURFACE AND SAND SMOOTH, READY TO RECEIVE FINISH.

STEEL DOORS AND FRAMES:

- FABRICATE STEEL DOORS AND FRAMES IN ACCORDANCE WITH THE CANADIAN STEEL DOOR AND FRAME MANUFACTURERS' ASSOCIATION "CANADIAN MANUFACTURING SPECIFICATIONS FOR STEEL DOORS AND FRAMES (LATEST)".
- DOORS TO BE OF 16 GA. ZINC WIPED SHEET STEEL, 44mm THICK, WELDED TYPE, REINFORCED FOR SPECIFIED HARDWARE. SEE DOOR SCHEDULE FOR ALL DOOR SIZES AND HARDWARE. INTERIOR DOOR CORES TO BE RESIN IMPREGNATED KRAFT HONEYCOMB (UN). EXTERIOR DOORS TO BE FILLED WITH INJECTED POLYURETHANE FOAM INSULATION AND SHALL HAVE VINYL CAPS. FIRE-RATED DOORS SHALL BEAR APPROPRIATE U.L.C. LABEL.
- FRAMES TO BE OF 16 GA. ZINC WIPED SHEET STEEL, WELDED TYPE, REINFORCED FOR SPECIFIED HARDWARE AND CONFIGURATION. PROVIDE 3 NEOPRENE BUMPERS PER DOOR LEAF. EXTERIOR FRAMES TO BE THERMALLY BROKEN. FIRE-RATED FRAMES SHALL BEAR APPROPRIATE U.L.C. LABEL.
- INSTALL ALL FRAMES/DOORS PLUMB AND SQUARE. PACK EXTERIOR FRAMES WITH BATT INSULATION. EXTERIOR FRAMES SHALL BE SEALED TO AIR/VAPOUR BARRIER ON INTERIOR SIDE AND TO BUILDING CLADDING ON EXTERIOR SIDE. INSTALL ALL FIRE-RATED FRAMES/DOORS TO N.F.P.A. 80.

PAINTING:

- ALL COMPONENTS FOR INDIVIDUAL PAINTING FORMULAE TO BE PRODUCTS OF A SINGLE MANUFACTURER AND SHALL BE COMPATIBLE WITH EACH OTHER. ALL MATERIALS TO BE PREMIUM GRADE. USE EXTERIOR GRADE FOR EXTERIOR SURFACES.
- STORE, HANDLE, AND APPLY ALL PAINTS AND ASSOCIATED MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. DO NOT DILUTE PAINT UNLESS RECOMMENDED BY MANUFACTURER OR OTHERWISE APPROVED OR NOTED. DISPOSE OF UNUSED PAINTING MATERIALS IN A SAFE MANNER AND IN ACCORDANCE WITH ALL PERTINENT GOVERNMENTAL REGULATIONS.
- IN GENERAL, PROTECT ALL ADJACENT AREAS, SURFACES, FIXTURES, EQUIPMENT, SERVICES, ETC. FROM OVERTSPRAY, OVERLAP OR ANY OTHER CONTAMINATION RESULTING FROM PAINTING OPERATIONS. CONTRACTOR SHALL MASK, COVER, PROTECT AS APPROPRIATE. REMOVE COVER PLATES, SIGNAGE, HANDINGS, ETC. AS APPROPRIATE AND REPLACE AFTER PAINT IS CURED.
- CLEAN AND PREPARE ALL SUBSTRATES AS RECOMMENDED BY MANUFACTURER AND AS SPECIFIED BELOW TO PROVIDE FULL, UNINTERRUPTED BOND WITH PAINT SYSTEM. IN GENERAL, SAND LIGHTLY BUT THOROUGHLY BETWEEN ALL COATS. REMOVE ALL DUST AND OTHER CONTAMINANTS FROM SURFACES PRIOR TO PAINT APPLICATION, TO PRODUCE SMOOTH EVEN FINISH. NEATLY CUT OR MASK AS APPROPRIATE TO LEAVE FULL, NEAT, WELL DEFINED TERMINATIONS.
- PRIME ALL SURFACES WITH APPROPRIATE PRIMER TO SUIT SUBSTRATE AND FINISH COATS UNLESS SPECIFIED.
- FIELD TOUCH UP ALL SHOP PAINTED ITEMS AS REQUIRED TO PROVIDE COMPLETE PROTECTION AND SMOOTH FINISH.
- ALL COLOURS TO BE CONFIRMED BY CONTRACT ADMINISTRATOR.
- ACCEPTABLE PRODUCTS: BENJAMIN MOORE, INTERNATIONAL, DULUX, AND AS NOTED.
- FORMULAE:

- CONCRETE (INTERIOR)
 - 1 COAT PRIMER
 - 2 COATS ACRYLIC LATEX, SHEEN TO MATCH EXIST.

- CONCRETE BLOCK NEW OR UNFINISHED) INTERIOR
 - 1 COAT LATEX BLOCK FILLER
 - 1 COAT PRIMER SEALER
 - 2 COATS ALKO ENAMEL, SHEEN TO MATCH EXIST.

- GYPSUM BOARD
 - 1 COAT PRIMER SEALER
 - 2 COATS SEMI-GLOSS ALKO ENAMEL

- STEEL DOORS/FRAMES (BOTH SIDES)
 - 1 COAT VINYL WASH-PRIMER
 - 1 COAT ENAMEL UNDERCOAT
 - 2 COATS SEMI-GLOSS ALKO ENAMEL

- MISCELLANEOUS STEEL AND FRAMING (SHOP PRIMED)
 - 1 COAT SPOT PRIMER
 - 1 COAT ENAMEL UNDERCOAT
 - 2 COATS SEMI-GLOSS ALKO ENAMEL

- EXISTING STEEL COLUMNS (PRODUCTS LISTED OR APPROVED EQUAL IN ACCORDANCE WITH B7)
 - CLEAN WITH DEVPREP 88
 - PRIME COAT - PRIME CORRODED AREAS WITH 1 COAT PRE-PRIME 167
 - TOP COAT - BAR-RUST 345, 6ml DRAFT

PVC PANELS:

- PVC WALL PANELS SHALL BE OF 100% VIRGIN PVC. PANELS TO BE 1/2" THICK X 16" WIDTH WITH A SMOOTH SURFACE. LENGTH TO BE FULL LENGTH OF WALL HEIGHT, PARTIAL LENGTH PANELS WILL NOT BE ACCEPTED.
- ACCEPTABLE PRODUCT: TRUSSCORE OR APPROVED EQUAL IN ACCORDANCE WITH B7. COLOUR TO BE WHITE.
- PANELS SHALL BE PROVIDED WITH FULL HEIGHT DIVISION BARS, INSIDE AND OUTSIDE CORNER BARS, BASE TRIM, CAPS, FASTENING SYSTEM, ETC., ALL BY SAME MANUFACTURER.
- INSTALL ALL PANELS VERTICAL AND SQUARE, WITH NO HORIZONTAL JOINTS. INSTALL PANEL SYSTEM AS RECOMMENDED IN THE MANUFACTURER'S INSTALLATION GUIDE. USE 1" STAINLESS STEEL PAN HEAD SCREWS TO MECHANICALLY FASTEN PANELS TO BACKING. ALLOW FOR EXPANSION AT FLOORS, CEILINGS AND BETWEEN PANELS AS RECOMMENDED. USE CAULK SEALANT TO SEAL WALL PANELS TO ADJACENT SURFACES.

SEAMLESS EPOXY FLOORING:

- SEAMLESS EPOXY FLOORING TO BE SLIP RESISTANT, DECORATIVE FLOORING SUITED FOR CHANGE ROOM AND SHOWER ROOM INSTALLATIONS.
- ACCEPTABLE SYSTEM: STONHARD STONTEC EPC OR APPROVED EQUAL IN ACCORDANCE WITH B7.
- SYSTEM TO INCLUDE (OR BE EQUAL TO):
 - 1 COAT OF STANDARD PRIMER
 - STONECLAD GS, 3 COMPONENT EPOXY MORTAR SYSTEM PRIMER ONTO EXISTING & NEW CONCRETE FLOOR
 - STONEKOTE GS4, A 100% SOLIDS EPOXY COATING WITH STONTEC VINYL FLAKES
 - STONEKOTE CEA, A 100% SOLIDS EPOXY COATING WITH A BROADCAST AGGREGATE.
- COLOR TO BE AS PER FINISH SCHEDULE ON DRAWING B21.
- ALL MATERIALS USED SHALL BE THE PRODUCTS OF A SINGLE MANUFACTURER. STORE, HANDLE, INSTALL ALL COMPONENTS IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
- SUBSTRATE TO BE DRY. ALLOW NEW CONCRETE TO CURE 28 DAYS MINIMUM PRIOR TO INSTALLING FLOORING SYSTEM. REMOVE ALL WAX, GREASE, OILS, FATS, SOIL, LOOSE MATERIALS BY SCRUBBING WITH HEAVY-DUTY INDUSTRIAL DETERGENT AS RECOMMENDED BY MANUFACTURER. SHOT-BLAST CONCRETE FLOOR TO REMOVE ALL LANTANCE AND UNBONDED CEMENT PARTICLES. GRIND DOWN RIDGES AND/OR IN-FILL LOW SPOTS TO YIELD A CLEAN, SMOOTH, LEVEL SUBSTRATE TO STONHARD'S SPECIFICATIONS.
- PREPARE RANDOM CRACKS IN CONCRETE SLAB AS RECOMMENDED BY MANUFACTURER.
- ALLOW RECOMMENDED CURING TIME BEFORE USING AND PROVIDE PROTECTION AS REQUIRED DURING REMAINING WORK BY OTHER TRADES.
- APPROVED ALTERNATE: SIKAFLOOR DEKOFLAKE SYSTEM AS MANUFACTURED BY SIKA CANADA INC.

TOILET PARTITIONS AND URINAL SCREEN (HDPE):

- TOILET PARTITIONS TO BE FLOOR MOUNTED, OVER-HEAD BRACED. URINAL SCREEN TO BE WALL MOUNTED.
- DOORS, PANELS AND PLASTERS TO BE 1" THICK CONSTRUCTED OF HIGH DENSITY POLYETHYLENE (HDPE), FABRICATED FROM POLYMER RESINS COMPOUNDED UNDER HIGH PRESSURE, FORMING A SINGLE THICKNESS PANEL. MATERIALS TO BE WATERPROOF AND NONABSORBENT, WITH SELF LUBRICATING SURFACE, RESISTANT TO MARKS BY PENS, PENCILS, MARKERS AND OTHER WRITING INSTRUMENTS.
- HINGES TO BE 8" LONG, HEAVY DUTY EXTRUDED ALUMINUM WITH BRIGHT DIP ANODIZED FINISH, WRAP AROUND FLANGES, ADJUSTABLE ON 30-DEGREE INCREMENTS, THROUGH BOLTED TO DOORS AND PLASTERS WITH STAINLESS STEEL, TORX HEAD HEX BOLTS.
- DOOR STRIKER AND KEEPER TO BE 8" LONG, HEAVY DUTY EXTRUDED ALUMINUM WITH BRIGHT DIP ANODIZED FINISH WITH WRAP-AROUND FLANGES SECURED TO PLASTERS WITH STAINLESS STEEL TAMPER RESISTANT TORX HEAD HEX BOLTS.
- COAT HOOK/BUMPER TO BE COMBINATION TYPE, CHROME PLATED ZAMAK.
- DOORS AND DIVIDING PANELS TO BE 59" HIGH, MOUNTED 14" ABOVE FINISHED FLOOR.
- PLASTERS TO BE 82" HIGH, FASTENED TO PLASTER SLEEVES WITH STAINLESS STEEL TAMPER RESISTANT TORX HEAD HEX BOLTS.
- PLASTER SLEEVES TO BE 3 INCHES HIGH, 20 GA. STAINLESS STEEL, SECURED TO PLASTER WITH STAINLESS STEEL TAMPER RESISTANT TORX HEAD HEX BOLTS.
- WALL BRACKETS TO BE 54 INCHES LONG, HEAVY-DUTY ALUMINUM, BRIGHT DIP ANODIZED FINISH, FASTENED TO PLASTERS AND PANELS WITH STAINLESS STEEL TAMPER RESISTANT TORX HEAD HEX BOLTS.
- HEADRAL TO BE HEAVY-DUTY EXTRUDED ALUMINUM, ANTI-GRIP DESIGN, CLEAR ANODIZED FINISH, FASTENED TO HEADRAL BRACKET WITH STAINLESS STEEL TAMPER RESISTANT TORX HEAD HEX BOLT AND AT TOP OF PLASTER WITH STAINLESS STEEL TAMPER RESISTANT TORX HEAD SCREWS.
- HEADRAL BRACKETS TO BE 20 GA. STAINLESS STEEL, SATIN FINISH, SECURED TO WALL WITH STAINLESS STEEL TAMPER RESISTANT TORX HEAD SCREWS.
- ACCEPTABLE PRODUCT: SCRANTON HINY HDERS OR APPROVED EQUAL IN ACCORDANCE WITH B7. COLOUR TO BE SELECTED FROM STANDARD COLOURS.
- INSTALL PARTITION COMPONENTS PLUMB, LEVEL, AND SQUARE, FASTENING SECURELY TO FLOOR, AND TO WALL BLOCKING PROVIDED, AS RECOMMENDED BY MANUFACTURER. ENSURE PROPER ALIGNMENT AND OPERATION OF DOORS AND LATCHES.

LOCKERS:

- METAL STORAGE LOCKERS TO BE CON OPERATED SINGLE TIER 12" WIDE BY 18" DEEP BY 72" HIGH.
- ALL MATERIAL TO BE STAINLESS STEEL TYPE 304 TO ASTM A240, #4 OR #2 FINISH. MINIMUM STEEL THICKNESSES SHALL BE AS FOLLOWS:

FRAME (HORIZ. & VERT.)	16 GA. #4
CON PROTECTOR	24 GA. #2B
DOOR OUTER PANEL	16 GA. #2B LEATHERGRAIN
BODY SIDE & BACK PANEL	24 GA. #2B
TOP, SHELF & BOTTOM	24 GA. 20 GA. #2B
- ACCESSORIES AND FEATURES SHALL INCLUDE TOP SHELF, 3 HEAVY-DUTY ZINC PLATED CLOTHING HOOKS, STAINLESS STEEL HANDLE BOX/FULL CW NUMBER PLATE.
- ACCEPTABLE PRODUCT: SHANAHANS PRESIDENT SINGLE TIER CON LOCKERS OR APPROVED EQUAL IN ACCORDANCE WITH B7.
- INSTALL LOCKERS PLUMB, LEVEL, AND SQUARE. FASTENING SECURELY TO BASE AND TO WALL BLOCKING AS RECOMMENDED BY MANUFACTURER. ENSURE PROPER ALIGNMENT AND OPERATION OF ALL DOORS AND LATCHES.

POOL DECK WATERPROOFING:

- POOL DECK WATERPROOFING TO BE PRE-MIXED, LIQUID-RUBBER WATERPROOF MEMBRANE. ACCEPTABLE PRODUCT: MAPEI MAPELASTIC AQUADENSSE OR APPROVED EQUAL IN ACCORDANCE WITH B7.
- CONCRETE SUBSTRATE TO BE CURED TO 28 DAYS MINIMUM PRIOR TO INSTALLATION AND AS PER WRITTEN MANUFACTURER'S INSTRUCTIONS. PREPARE CONCRETE BASE TO CONCRETE SURFACE PROFILE #2. MECHANICALLY CLEAN AND PROFILE BY DIAMOND CUP GRINDING TO MAPEI'S PREPARATION SPECIFICATIONS. FILL ALL CRACKS AND JOINTS TO MAPEI'S SPECIFICATIONS.
- APPLY WATERPROOFING AS PER MAPEI'S APPLICATION SPECIFICATIONS. PRE-TREAT DRAINS AND OPENINGS. ROLLER APPLY BASE COAT OF WATERPROOFING AND LET DRY. APPLY SECOND COAT OF WATERPROOFING AND LET DRY. FINAL DRY THICKNESS OF 2 COATS IS TO BE 20 MILS. INSPECT AND RECOAT PINHOLES OR ANY LOCATION THAT IS NOT FULLY COVERED. APPLY SEALANT AROUND DRAIN FLANGE AT DRAIN THROAT, LEAVE NO VOIDS. WHERE WATERPROOFING ENDS ON ANY PENETRATION, APPLY MAPEI APPROVED SEALANT.
- PROTECT WATERPROOFING AS REQUIRED TO PREVENT DAMAGE.

POOL DECK FLOOR & SPECTATOR WALL TILE:

- POOL DECK FLOOR TILE TO BE SLIP RESISTANT, 1 X 1 PORCELAIN TILE. ACCEPTABLE PRODUCT: DAL TILE KEYSTONES OR APPROVED EQUAL IN ACCORDANCE WITH B7.
- BASE HEIGHT TO BE 100mm. USE MATCHING SPECIALTY COVE TYPE BASE TILES AT FLOOR.
- SPECTATOR WALL TILE TO BE GLAZED, 1 X 1 PORCELAIN TILE. ACCEPTABLE PRODUCT: DAL TILE SEMI-GLOSS OR APPROVED EQUAL IN ACCORDANCE WITH B7.
- SET TILES WITH TWO-PART PREMIUM FLEXIBLE MORTAR SYSTEM. SYSTEM TO BE PREMIUM GRADE DRY-SET MORTAR WITH A FLEXIBLE ACRYLIC LATEX ADHESIVE SYSTEM OVER PROPERLY PREPARED SUBSTRATE. ACCEPTABLE SYSTEM: MAPEI KERABOND/KERASTIC SYSTEM OR APPROVED EQUAL IN ACCORDANCE WITH B7.
- GROUT TILE JOINTS WITH A HIGH PERFORMANCE EPOXY GROUT. ACCEPTABLE PRODUCT: LATORCE SPECTRALOCK PRO PREMIUM GROUT OR APPROVED EQUAL IN ACCORDANCE WITH B7. COLOUR TO MATCH TILE.
- PREPARE SUBSTRATE AS RECOMMENDED BY ADHESIVE MANUFACTURER TO PROVIDE FULL STRENGTH BOND AND SMOOTH (IN-PLANE) SURFACES.
- SET ALL TILES SQUARE WITH WALLS (UNLESS OTHERWISE DETAILED). LAYOUT TO MAXIMIZE USE OF FULL OR NEAR FULL SIZE TILES WHERE EVER POSSIBLE. SET ALL TILES TO PROVIDE SMOOTH IN-PLANE INSTALLATION. STORE, HANDLE, AND APPLY ALL SPECIFIED PRODUCTS IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. PROTECT INSTALLATION AS REQUIRED TO PREVENT DAMAGE.
- SPECTATOR WALL TILE APPROVED ALTERNATE: DAL TILE 1x1 KEYSTONE

ROOFING SYSTEM (SBS MODIFIED):

- REMOVE ALL EXISTING ROOFING MEMBRANES, INSULATION AND VAPOUR BARRIER ABOVE EXISTING DECKING. ENSURE DECKING IS CLEAN AND DRY TO ROOFING MANUFACTURER'S SPECIFICATIONS.
- VAPOUR BARRIER TO BE 1" PLY SBS MODIFIED BITUMEN SHEET WITH A TRI-LAMINATED WOVEN POLYETHYLENE FASER CW A SILICONE RELEASE FILM ON THE BOTTOM FACE. ACCEPTABLE PRODUCT: SOPRAVAPR AS MANUFACTURED BY SOPREMA OR APPROVED EQUAL IN ACCORDANCE WITH B7. PRIME SUBSTRATE WITH ELASTOCOOL STICK AS PER MANUFACTURER'S INSTRUCTIONS.
- INSULATION TO BE 2 LAYERS OF CLOSED-CELL POLYISOCYANURATE INSULATION, TO AN R-VALUE OF R22 (4" THICKNESS).
- BOTTOM LAYER OF INSULATION TO BE A CLOSED-CELL POLYISOCYANURATE FOAM INSULATION LAMINATED ON BOTH SIDES WITH FIBRE REINFORCED FELT. ACCEPTABLE PRODUCT: SOPRAISO AS MANUFACTURED BY SOPREMA OR APPROVED EQUAL IN ACCORDANCE WITH B7. INSULATION ADHERED WITH DUOTACK TO VAPOUR BARRIER.
- TOP LAYER OF INSULATION TO BE A CLOSED-CELL POLYISOCYANURATE FOAM INSULATION LAMINATED ON BOTH SIDES WITH A GLASS FIBRE FASER. ACCEPTABLE PRODUCT: SOPRAISO PLUS AS MANUFACTURED BY SOPREMA OR APPROVED EQUAL IN ACCORDANCE WITH B7. INSULATION ADHERED WITH DUOTACK TO BOTTOM LAYER OF INSULATION.
- ROOF MEMBRANE TO BE 2 PLY SBS MODIFIED BITUMEN MEMBRANE. ALL COMPONENTS OF THE ROOF MEMBRANE SYSTEM TO BE THE PRODUCTS OF A SINGLE MANUFACTURER. ACCEPTABLE MANUFACTURER: SOPREMA OR APPROVED EQUAL IN ACCORDANCE WITH B7.
- BASE SHEET TO BE A SBS MODIFIED BITUMEN AND GLASS MAT REINFORCEMENT CW A THERMOFUSIBLE PLASTIC FILM ON TOP FACE AND A RELEASE PROTECTION FILM ON THE BOTTOM FACE. ACCEPTABLE PRODUCT: COLVENT 810 AS MANUFACTURED BY SOPREMA OR APPROVED EQUAL IN ACCORDANCE WITH B7. BASE SHEET TO BE ADHERED TO ROOF INSULATION. END LAPS NOT STAGGERED AND SEALED WITH SOPRALAP.
- BASE SHEET FLASHING TO BE A SBS MODIFIED ROOFING MEMBRANE WITH COMPOSITE HEAVY DUTY AND SBS MODIFIED BITUMEN. THE TOP FACE IS COVERED WITH A THERMOFUSIBLE PLASTIC FILM. THE UNDERSIDE IS SELF-ADHESIVE. ACCEPTABLE PRODUCT: SOPRALAP PLUS AS MANUFACTURED BY SOPREMA OR APPROVED EQUAL IN ACCORDANCE WITH B7. PRIME SUBSTRATE WITH ELASTOCOOL STICK.
- CAP SHEET FOR ROOFING AND PARAPETS TO BE A NON-WOVEN POLYESTER REINFORCEMENT AND SBS MODIFIED BITUMEN SHEET MEMBRANE. ACCEPTABLE PRODUCT: COLVENT TRAFFIC CAP AS MANUFACTURED BY SOPREMA OR APPROVED EQUAL IN ACCORDANCE WITH B7. COLOURED GRANULES (GREY) ON TOP FACE AND THERMOFUSIBLE PLASTIC FILM ON BOTTOM FACE. CAP SHEET TO BE HEAT WELDED TO BASE SHEET.
- ALL ROOF MEMBRANE COMPONENTS TO BE SHIPPED, STORED, HANDLED AND INSTALLED IN STRICT CONFORMANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

ROLLING COUNTER DOORS:

- ROLLING COUNTER DOOR SHALL BE AN ANODIZED ALUMINUM COUNTER DOOR. APPROVED PRODUCT: SERIES 882 AS MANUFACTURED BY OVERHEAD DOOR CORPORATION OR APPROVED EQUAL IN ACCORDANCE WITH B7.
- DOOR INSTALLATION SHALL BE FACE OF WALL MOUNTED.
- CURTAIN TO BE INTERLOCKING SLATS, TYPE F-158 FABRICATED FROM ANOZIDED ALUMINUM WITH FACTORY APPLIED POWDER COAT FINISH. COLOR TO BE CHOSEN BY CONTRACT ADMINISTRATOR FROM MANUFACTURER'S STANDARD COLOURS. BOTTOM BAR TO BE EXTRUDED ALUMINUM TUBULAR SHAPE WITH ASTRAHAL.
- GUIDES SHALL BE EXTRUDED ALUMINUM WITH POWDERGUARD ZINC FINISH FOR GUIDES, BOTTOM BAR AND HEAD PLATE.
- SUPPORT BRACKETS FOR COUNTERBALANCE, CURTAIN AND HOOD SHALL BE STEEL.
- COUNTERBALANCE SHALL BE ADJUSTABLE HELICAL TORSION SPRINGS DESIGNED FOR STANDARD CYCLES AND HOUSED IN A STEEL TUBE OR PIPE BARREL.
- HOOD SHALL BE ALUMINUM CW INTERMEDIATE SUPPORTS AS REQUIRED.
- OPERATION SHALL BE MANUAL PUSH UP. PROVIDE WITH KEEPER SUITABLE FOR PADLOCKING.
- INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND STANDARDS BY MANUFACTURER'S AUTHORIZED REPRESENTATIVES.

FIBREGLASS STAIR TREAD COVER:

- FIBREGLASS STAIR TREAD COVER SHALL BE A SLIP RESISTANT, FIBREGLASS STAIR TREAD COVER WITH A HIGH VISIBILITY NOISING.
- ACCEPTABLE PRODUCT: DURATREAD MANUFACTURED BY STRONGWELL OR APPROVED EQUAL IN ACCORDANCE WITH B7.
- INSTALL TREADS AS PER MANUFACTURER'S INSTRUCTIONS. TREAD COVERS TO BE FASTENED TO STEEL GRATING TREADS WITH A STAINLESS STEEL PLATE WASHER AND TRUSS-HEAD BOLT AND NUT.

FIBREGLASS PLANKS:

- FIBREGLASS PLANKS SHALL BE A SLIP RESISTANT, INTERLOCKING, PULTRUDED COMPOSITE DECK SYSTEM MADE FROM FIBREGLASS AND A THERMOSET RESIN. PLANKS TO BE 2" THICK X 12" WIDTH.
- ACCEPTABLE PRODUCT: SHAFKIN MANUFACTURED BY STRONGWELL OR APPROVED EQUAL IN ACCORDANCE WITH B7. COLOUR TO BE GREY.
- PANELS SHALL BE PROVIDED WITH STAINLESS STEEL HIDDEN HOLD DOWN FASTENING SYSTEM SUPPLIED BY THE PLANK MANUFACTURER.
- INSTALL ALL PANELS AS PER MANUFACTURER'S INSTRUCTIONS WITH LENGTHS TO MINIMIZE BUTT JOINTS. INSTALL PANEL SYSTEM AS RECOMMENDED IN THE MANUFACTURER'S ALLOW FOR EXPANSION AS RECOMMENDED BY THE MANUFACTURER.
- APPROVED ALTERNATE: DYNADECK INTERLOCKING FLOORING AS MANUFACTURED BY FIBREGRATE.

NOTES:

- THESE DRAWINGS SHALL NOT BE SCALED.
 - THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM AND DETAILED INFORMATION SHOWN ARE CORRECT.
 - THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.
 - ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH UL/C APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.
 - ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.
 - WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE), THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.
 - WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.
- WASHROOM VANITIES:**
- WASHROOM VANITIES TO BE CUSTOM MADE, STAINLESS STEEL, 2" DEEP HORIZONTAL SURFACE TO ACCEPT SPECIFIED SINK AND FIXTURES (SEE MECA). SUPPLY VANITY WITH 4" INTEGRAL BACKSPASH ON ALL SIDES AGAINST A WALL SURFACE.
 - STAINLESS STEEL TO BE 16 GA., 304 WITH #4 FINISH.
 - SUPPORT BACKING TO BE 3/4" PLYWOOD TO MANUFACTURER'S RECOMMENDATIONS.
 - VANITY SUPPORT TO BACKUP WALL TO BE AS DETAILED ON DRAWINGS AND TO BE SUPPLIED BY VANITY MANUFACTURER.
 - ACCEPTABLE SUPPLIER: FOSTEY STAINLESS PRODUCTS OR APPROVED EQUAL IN ACCORDANCE WITH B7.
 - INSTALL VANITY TO NATIONAL BUILDING CODE AND CITY OF WINNIPEG REQUIREMENTS FOR BARRIER-FREE WASHROOMS IN ROOMS 120 & 121.

2	RE-ISSUED FOR CONSTRUCTION		15.03.13
1	RE-ISSUED FOR CONSTRUCTION	R/L	15.03.11
0	ISSUED FOR CONSTRUCTION	R/L	15.02.17
No.	REVISION/DESCRIPTION	BY	DATE



DRAWN	SM	CHECKED	R/L	DESIGNED	R/L	APPROVED	CC
DATE	2015/01/21	USER		APPROVAL			

Winnipeg THE CITY OF WINNIPEG PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT MUNICIPAL ACCOMMODATIONS DIVISION 3-65 GARRY STREET, R3C 4K4

PROJECT SHERBROOK POOL REFURBISHMENT OF SHERBROOK POOL

381 SHERBROOK STREET

SHEET TITLE BUILDING NOTES

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2013-173	B22