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ISSUED FOR	
Tender	10/11/05
Design Submission	9/30/05

SEAL

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 PRESENTATIONS

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ENGINEERING CONSULTANT

CITY OF WINNIPEG BID OPPORTUNITY # 499-2005

PROJECT TITLE

PAN AM POOL INTERIOR RENOVATION

25 POSEIDON BAY
 WINNIPEG, MB

DRAWING TITLE

SCHEDULES & SPECIFICATIONS

DESIGNED BY JS/AD DRAWN BY AD

ISSUE DATE 10/5/05 REVISION No.

PROJECT No. 561 DRAWING No. **A-5**

SPECIFICATIONS

1. GENERAL REQUIREMENTS

- 1.1. **SUMMARY OF WORK**
- 1.1.1. WORK OF THIS PROJECT CONSISTS OF CONSTRUCTION OF A TRAINING ROOM AND MULTIPURPOSE ROOM WITHIN THE CONFINES OF THE EXISTING BUILDING AND THE ASSOCIATED ALTERATIONS TO THE BUILDING TO ACCOMMODATE THE ERECTION OF WALLS AND FINISHES FOR THESE ROOMS.
- 1.2. **ALLOWANCES**
- 1.2.1. THERE ARE NO CASH ALLOWANCES SPECIFIED FOR THIS PROJECT.
- 1.3. **PROJECT COORDINATION**
- 1.3.1. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL TRADES, PROGRESS SCHEDULE, TEMPORARY UTILITIES, CONSTRUCTION FACILITIES AND CONTROLS.
- 1.4. **CUTTING AND PATCHING**
- 1.4.1. SUBMIT WRITTEN REQUEST IN WRITING OF CUTTING OR ALTERATION WORK THAT AFFECTS STRUCTURAL INTEGRITY OF ANY ELEMENT, WEATHER EXPOSED OR MOISTURE RESISTANT ELEMENTS, EFFICIENCY MAINTENANCE OR SAFETY OF ANY OPERATIONAL ELEMENT.
- 1.4.2. VISUAL QUALITIES OF SIGHT EXPOSED ELEMENTS.
- 1.4.3. WORK OF CONTRACTOR.
- 1.4.4. PERFORM CUTTING, FITTING AND PATCHING TO COMPLETE THE WORK.
- 1.4.5. REMOVE AND REPLACE DEFECTIVE AND NON-CONFORMING WORK.
- 1.4.6. PREPARE PROPER SURFACES TO RECEIVE PATCHING AND FINISHING.
- 1.4.7. EMPLOY ORIGINAL INSTALLER TO PERFORM CUTTING AND PATCHING FOR WEATHER EXPOSED AND MOISTURE-RESISTANT ELEMENTS AND SIGHT-EXPOSED SURFACES.
- 1.4.8. RESTORE WORK WITH NEW PRODUCTS IN ACCORDANCE WITH CONTRACT DOCUMENTS.
- 1.4.9. FIT WORK AIRTIGHT TO PIPES, SLEEVES, DUCTS, CONDUIT, AND OTHER PENETRATIONS THROUGH SURFACES.
- 1.4.10. AT PENETRATION OF FIRE-RATED WALL, CEILING, OR FLOOR CONSTRUCTION COMPLETELY SEAL VOIDS WITH FIRE RATED MATERIAL TO FULL THICKNESS OF CONSTRUCTION ELEMENT.
- 1.4.11. REFINISH SURFACES TO MATCH ADJACENT FINISHES; FOR CONTINUOUS SURFACES REFINISH TO NEAREST INTERSECTION; FOR AN ASSEMBLY, REFINISH ENTIRE UNIT.

1.5. FIELD ENGINEERING

- 1.5.1. NOT APPLICABLE UNLESS NOTED OTHERWISE.

1.7. SUBMITTALS

- 1.7.1. GENERAL
- 1.7.1.1. SUBMIT TO CONTRACT ADMINISTRATOR SUBMITTALS LISTED FOR REVIEW.
- 1.7.2. SHOP DRAWINGS:
- 1.7.2.1. SUBMIT (6) COPIES OF SHOP DRAWINGS AND COPIES OF PRODUCT DATA SHEETS OR BROCHURES FOR REQUIREMENTS AS LISTED.
- 1.7.2.2. INDICATE MATERIALS, METHODS OF CONSTRUCTION AND ATTACHMENT OR ANCHORAGE, ERECTION DIAGRAMS, CONNECTION, EXPLANATORY NOTES AND OTHER INFORMATION NECESSARY FOR COMPLETION OF WORK.
- 1.7.2.3. ADJUSTMENTS MADE ON SHOP DRAWINGS BY CONTRACT ADMINISTRATOR ARE NOT INTENDED TO CHANGE CONTRACT PRICE.
- 1.7.2.4. MAKE CHANGES IN SHOP DRAWINGS AS CONTRACT ADMINISTRATOR MAY REQUIRE.
- 1.7.2.5. LIST OF SHOP DRAWINGS SUBMITTALS AS FOLLOWS:
- 1.7.2.6. STEEL FRAMING AND FASTENERS.
- 1.7.2.7. RESIN PANEL FASTENING TEMPLATE.
- 1.7.2.8. DOORS AND HARDWARE
- 1.7.2.9. STAINLESS STEEL PANELS AND FASTENING TEMPLATE.
- 1.7.3. SAMPLES:
- 1.7.4. SUBMIT SAMPLES IN DUPLICATE FOR THE FOLLOWING:
- 1.7.4.1. RESILIENT FLOOR SAMPLE.
- 1.7.4.2. PAINT COLOUR SAMPLES FOR FINAL COLOUR CHOICE.
- 1.7.4.3. MECHANICAL FASTENERS AND CONNECTORS.
- 1.7.5. OPERATING MAINTENANCE MANUALS
- 1.7.5.1. SUBMIT TWO WEEKS PRIOR TO SUBSTANTIAL PERFORMANCE, THREE COPIES OF OPERATING AND MAINTENANCE MANUALS.
- 1.7.5.2. MANUALS TO CONTAIN OPERATION INFORMATION OF EQUIPMENT, CLEANING AND LUBRICATION SCHEDULES AND INFORMATION ON TYPE AND SCHEDULE OF MAINTENANCE PROCEDURES FOR FINISH MATERIALS AND PRODUCTS.
- 1.7.6. RECORD (AS-BUILT) DRAWINGS
- 1.7.6.1. MAINTAIN RECORD DRAWINGS THAT ACCURATELY AND NEATLY RECORD DEVIATIONS FROM THE CONTRACT DOCUMENTS CAUSED BY SITE CONDITIONS AND CHANGES ORDERED BY THE CONTRACT ADMINISTRATOR.
- 1.7.6.2. SUBMIT RECORD DOCUMENTS TO CONTRACT ADMINISTRATOR ON COMPLETION OF WORK AND PRIOR TO FINAL INSPECTION.

1.8. SCHEDULE

- 1.8.1. PROVIDE CONSTRUCTION PROGRESS SCHEDULE IN BAR CHART FORM FROM START TO COMPLETION OF PROJECT AND FOR EACH SPECIFIED DIVISION OF WORK.

1.9. QUALITY CONTROL

- 1.9.1. THE CONTRACT ADMINISTRATOR SHALL HAVE ACCESS TO THE WORK.
- 1.9.2. TESTING AND INSPECTION AGENCIES MAY BE DESIGNATED BY THE CONTRACT ADMINISTRATOR WHERE STIPULATED.
- 1.9.3. IF THE CONTRACTOR COVERS OR PERMITS TO BE COVERED WORK THAT HAS BEEN DESIGNATED FOR SPECIAL TESTS, INSPECTIONS OR APPROVALS BEFORE SUCH IS MADE, THE CONTRACTOR SHALL UNCOVER SUCH WORK, HAVE INSPECTIONS OR TESTS SATISFACTORILY COMPLETED AND MAKE GOOD SUCH WORK AT NO COST TO THE CONTRACT ADMINISTRATOR.
- 1.9.4. TESTING, INSPECTIONS, APPROVALS DESIGNATED ARE: FLOOR PREPARATION PRIOR TO NEW FLOORING; INSTALLATION OF HANGING ART PIECES; PAINTING OF HSS FRAMING; REVIEW OF RESIN PANELS.

1.10. CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

- 1.10.1. PROVIDE CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS IN ORDER TO EXECUTE WORK EXPEDITIOUSLY.
- 1.10.2. ERECT HOARDING TO PROTECT PUBLIC WORKERS, PUBLIC AND PRIVATE PROPERTY FROM INJURY OR DAMAGE.
- 1.10.3. PROVIDE LOCKABLE GATES WITHIN HOARDING FOR ACCESS TO SITE BY WORKERS.
- 1.10.4. PROVIDE DUST TIGHT SCREENS OR PARTITIONS TO LOCALIZE DUST GENERATING ACTIVITIES, AND FOR PROTECTION OF WORKERS, FINISHED AREAS OF WORK AND PUBLIC. MAINTAIN AND RELOCATE PROTECTION UNTIL SUCH WORK IS COMPLETE.
- 1.10.5. CONFINED WORK AND OPERATIONS OF EMPLOYEES TO LIMITS INDICATED BY CONTRACT DOCUMENTS OR AS SPECIFIED BY CONTRACT ADMINISTRATOR. DO NOT LOAD OR PERMIT TO BE LOADED ANY PART OF THE WORK WITH A WEIGHT OR FORCE THAT WILL ENDANGER THE WORK OR EXISTING FACILITY.
- 1.10.6. ARRANGE WITH CONTRACT ADMINISTRATOR USE OF SANITARY FACILITIES ON SITE OR PROVIDE SUFFICIENT SANITARY FACILITIES FOR WORKERS IN ACCORDANCE WITH LOCAL HEALTH AUTHORITIES. CONTRACT ADMINISTRATOR WILL PROVIDE A CONTINUOUS SUPPLY OF POTABLE WATER FOR CONSTRUCTION USE.
- 1.10.8. TEMPORARY HEATING - NOT APPLICABLE.
- 1.10.9. CONTRACT ADMINISTRATOR WILL PROVIDE TEMPORARY POWER REQUIRED DURING CONSTRUCTION, FOR TEMPORARY LIGHTING AND OPERATING OF POWER TOOLS TO MAXIMUM SUPPLY OF 230 VOLTS 30 AMPS.

- 1.10.10. PROVIDE AND PAY FOR TEMPORARY TELEPHONES NECESSARY FOR OWN USE AND USE OF CONTRACT ADMINISTRATOR.
- 1.10.11. PROVIDE AND MAINTAIN IN CLEAN AND ORDERLY CONDITION, LOCKABLE WEATHERPROOF SHEDS FOR STORAGE OF TOOLS, EQUIPMENT AND MATERIALS. LOCATE MATERIALS NOT REQUIRED TO BE STORED IN WEATHERPROOF SHEDS ON SITE IN MANNER TO CAUSE LEAST INTERFERENCE WITH WORK ACTIVITIES.
- 1.10.12. MAINTAIN WORK IN TIDY CONDITION FREE FROM ACCUMULATION OF WASTE PRODUCTS AND DEBRIS. REMOVE WASTE MATERIAL AND DEBRIS FROM SITE AT END OF EACH WORKING DAY. PROVIDE WASTE DISPOSAL CONTAINER SUFFICIENT FOR WORK. CLEAN INTERIOR AREAS PRIOR TO START OF FINISH WORK, MAINTAIN AREAS FREE OF DUST AND OTHER CONTAMINANTS DURING FINISHING OPERATIONS.
- 1.10.13. ARRANGE USE OF PARKING, STORAGE, WASHROOMS, FACILITIES, POWER, AND WATER WITH CONTRACT ADMINISTRATOR PRIOR TO WORK.
- 1.10.14. PRODUCTS, MATERIALS, EQUIPMENT AND ARTICLES (REFERRED TO AS PRODUCTS THROUGH SPECIFICATIONS) INCORPORATED IN WORK SHALL BE NEW, NOT DAMAGED OR DEFECTIVE, AND OF BEST QUALITY. DEFECTIVE PRODUCTS WILL BE REJECTED, REGARDLESS OF PREVIOUS INSPECTIONS. THE CONTRACTOR WILL REMOVE AND REPLACE DEFECTIVE PRODUCTS AT OWN EXPENSE AND BE RESPONSIBLE FOR DELAYS AND EXPENSES CAUSED BY REJECTION.
- 1.10.15. HANDLE AND STORE PRODUCTS IN MANNER TO PREVENT DAMAGE, ADULTERATION, DETERIORATION AND SOILING AND IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS WHEN APPLICABLE.
- 1.10.16. UNLESS OTHERWISE INDICATED IN SPECIFICATIONS, INSTALL OR ERECT PRODUCTS IN ACCORDANCE WITH THE MOST CURRENT PRINTED MANUFACTURER'S INSTRUCTIONS. OBTAIN WRITTEN INSTRUCTIONS DIRECTLY FROM MANUFACTURERS. NOTIFY CONTRACT ADMINISTRATOR IN WRITING OF CONFLICTS BETWEEN SPECIFICATIONS AND MANUFACTURER'S INSTRUCTIONS SO THAT THE CONTRACT ADMINISTRATOR MAY ESTABLISH COURSE OF ACTION. IMPROPER INSTALLATION OR ERECTION OF PRODUCTS IN VIOLATION OF OR COMPLYING WITH THESE REQUIREMENTS, AUTHORIZES THE CONTRACT ADMINISTRATOR TO REQUIRE REMOVAL AND REINSTALLATION AT NO INCREASE IN CONTRACT PRICE.

1.11. PROJECT CLOSE-OUT

- 1.11.1. WHEN THE WORK IS SUBSTANTIALLY PERFORMED, REMOVE SURPLUS PRODUCTS, TOOLS, MATERIALS, EQUIPMENT NOT REQUIRED TO COMPLETE REMAINING WORK. REMOVE WASTE PRODUCTS. LEAVE WORK BROOM CLEAN BEFORE INSPECTION PROCESS COMMENCES. CLEAN AND POLISH RESIN PANELS, STEEL FRAMING, DOOR HARDWARE, DOORS, AND STAINLESS STEEL. REPLACE BROKEN, SCRATCHED OR DISFIGURED RESIN PANELS AND STAINLESS STEEL PANELS. CLEAN AND TOUCH UP SCRATCHES AND IMPERFECTIONS IN FRAMING. CLEAN RESILIENT FLOORING AS RECOMMENDED BY MANUFACTURER.
- 1.11.2. PRIOR TO FINAL INSPECTION, DEMONSTRATE OPERATION OF EACH SYSTEM TO CONTRACT ADMINISTRATOR. INSTRUCT CONTRACT ADMINISTRATOR IN OPERATION, ADJUSTMENT AND MAINTENANCE OF EQUIPMENT AND SYSTEMS.
- 1.11.3. COLLECT AND SUBMIT REVIEWED SUBMITTALS AND SAMPLES, SUBMIT OPERATION AND MAINTENANCE MANUALS, AS-BUILT RECORD DRAWINGS, PROVIDE WARRANTIES FULLY EXECUTED AND NOTARIZED, PRIOR TO APPLICATION FOR CERTIFICATE OF SUBSTANTIAL PERFORMANCE. CAREFULLY INSPECT THE WORK AND ENSURE IT IS COMPLETE, THAT MAJOR AND MINOR CONSTRUCTION DEFICIENCIES ARE COMPLETE, DEFECTS ARE CORRECTED AND BUILDING IS CLEAN AND IN CONDITION FOR OCCUPANCY. NOTIFY CONTRACT ADMINISTRATOR IN WRITING OF SATISFACTORY COMPLETION OF WORK AND REQUEST AN INSPECTION. DURING INSPECTION, LIST OF DEFICIENCIES AND DEFECTS WILL BE TABULATED. CORRECT SAME. WHEN CONTRACT ADMINISTRATOR CONSIDERS DEFICIENCIES AND DEFECTS HAVE BEEN CORRECTED AND IT APPEARS REQUIREMENTS OF CONTRACT HAVE BEEN PERFORMED, MAKE APPLICATION FOR CERTIFICATE OF SUBSTANTIAL PERFORMANCE. REFER TO GENERAL CONDITIONS.

2. SITEWORK

- 2.1. DEMOLITION:
- 2.1.1. REMOVE EXISTING MAT FLOORING TO EXTENTS SHOWN. USE STRONG SOLVENT OR MECHANICAL STRIPPING TO REMOVE CHLORINATED RUBBER OR EXISTING SURFACE COATINGS TO EXTENT OF AREA TO RECEIVE NEW FLOORING FINISH.
- 2.1.2. ABRASE THE AREA OF THE EXISTING FLOOR SURFACE THAT IS TO RECEIVE NEW FLOORING TO REMOVE IMPERFECTIONS IN THE SURFACE AND TO PREPARE FLOOR FOR NEW FLOORING FINISH.
- 2.1.3. MAKE FLOOR SMOOTH TO THE ACCEPTANCE OF THE FINISH FLOORING MANUFACTURER.
- 2.2. RELOCATIONS:
- 2.2.1. HANGING ART PIECES:
- 2.2.1.1. DETACH AND REMOVE EXISTING HANGING ART PIECES.
- 2.2.1.2. PREPARE NEW LOCATION WITH ADEQUATE SUPPORTS AND BRACING REQUIRED TO HANG ART PIECES. ATTACHMENT AND SUPPORTING STRUCTURE FOR ART PIECES MUST MEET OR EXCEED THE EXISTING SUPPORTING STRUCTURE IN PLACE.
- 2.2.1.3. MOVE AND HANG ART PIECES AT NEW LOCATIONS.
- 2.2.1.4. PATCH AND REPAIR SURFACES AFFECTED BY THE REMOVAL AND RELOCATION OF THE ART PIECES AT THE AREAS WHERE PIECES WERE MOVED FROM AND TO AREAS WHERE PIECES WERE MOVED TO.
- 2.2.1.5. PAINT AS REQUIRED TO MATCH ADJACENT SURFACES.
- 2.2.1.6. VERIFY EXACT LOCATION WHERE PIECES TO BE MOVED TO PRIOR TO RELOCATION WORK.
- 2.2.1.7. ENSURE ALL WORK IS DONE SAFELY FOR THE PROTECTION OF THE PUBLIC AND PROPERTY.
- 2.2.1.8. REPAIR DAMAGES TO EXISTING CONSTRUCTION AND/OR MATERIALS AFFECTED DURING THE COURSE OF RELOCATION.
- 2.2.2. EXISTING MATERIALS AND EQUIPMENT:
- 2.2.2.1. RELOCATE FIRE EXTINGUISHERS IN ACCORDANCE WITH DRAWINGS AND FIRE SAFETY REQUIREMENTS.

3. CONCRETE

- 3.1. COORDINATE WITH METAL FABRICATIONS.
- 3.2. COORDINATE WITH FLOORING FINISH.
- 3.3. PROVIDE CONCRETE GROUT AND FILLER TO FLOOR AT LOCATIONS OF WALL FRAMING ATTACHMENTS TO FLOOR. REFER TO STRUCTURAL DRAWING SHEET S-1 FOR FASTENERS.
- 3.4. MAKE LEVEL CONCRETE FLOOR AT FRAMING CONNECTIONS TO ENSURE WALL FRAMING IS INSTALLED STRAIGHT, TRUE, LEVEL AND PLUMB.
- 3.5. PATCH CONCRETE FLOORING USING APPROVED CONCRETE PATCH SUITABLE FOR APPLICATION. SUBMIT TECHNICAL DATA FOR PRODUCT INTENDED TO BE USED FOR APPROVAL BY CONTRACT ADMINISTRATOR.
- 3.6. THE EXISTING CONCRETE FLOOR IS SEALED AND PAINTED IN PORTIONS OF AREAS AND HAS A MAT FLOORING OVERLAIN AS SHOWN. MAT FLOORING IS TO BE REMOVED. THE EXISTING SEALER AND PAINT IS TO BE REMOVED WHERE NEW FLOORING IS TO BE INSTALLED AND PREPARED IN ACCORDANCE WITH THE FLOORING MANUFACTURER'S WRITTEN INSTRUCTIONS.

4. MASONRY

- 4.1. NOT APPLICABLE.

5. METAL FABRICATIONS

- 5.1. WALL FRAMING
- 5.1.1. REFER TO SHEET S-1 FOR SPECIFICATIONS FOR WALL FRAMING AND ATTACHMENTS.
- 5.1.2. PROVIDE HOLLOW STEEL MEMBERS FOR FRAMING AND ERECTION OF WALLS TO QUALITY, SIZE AND THICKNESS SPECIFIED.
- 5.1.3. PROVIDE CONNECTORS AND MECHANICAL FASTENING DEVICES TO ENSURE A STRAIGHT AND STABLE FRAMED WALL SYSTEM.
- 5.1.4. COVER EXPOSED STAINLESS STEEL SURFACES WITH PRESSURE SENSITIVE HEAVY PROTECTION PAPER OR APPLY STRIPPABLE PLASTIC COATING, BEFORE SHIPPING TO JOB SITE. LEAVE PROTECTIVE COVERING IN PLACE UNTIL FINAL CLEANING OF BUILDING. PROVIDE INSTRUCTIONS FOR REMOVAL OF PROTECTIVE COVERING.
- 5.2.2. STAINLESS STEEL PANELS: TO THICKNESS INDICATED. TYPICAL 1/8" THICK. TYPE 316 2B FINISH.
- 5.2.3. COVER EXPOSED STAINLESS STEEL SURFACES WITH PRESSURE SENSITIVE HEAVY PROTECTION PAPER OR APPLY STRIPPABLE PLASTIC COATING, BEFORE SHIPPING TO JOB SITE. LEAVE PROTECTIVE COVERING IN PLACE UNTIL FINAL CLEANING OF BUILDING. PROVIDE INSTRUCTIONS FOR REMOVAL OF PROTECTIVE COVERING.

6. WOOD AND PLASTICS

- 6.1. RESIN PANELS (SOLID POLYMER FABRICATIONS)
- 6.1.1. PROVIDE AND INSTALL RESIN PANELS TO STEEL WALL FRAMING WITH MECHANICAL FASTENERS TO QUANTITY, SIZES AND EXTENT OF WALLS AS INDICATED.
- 6.1.2. PANELS ARE SOLID POLYMER ENGINEERED POLYESTER RESIN, GYLCOB MODIFIED, SHEET SIZE, 4' X 8', MINIMUM THICKNESS: 3/16" INTERLAYER MATERIALS COMPATIBLE WITH POLYESTER AND BONDING PROCESS TO CREATE A MONOLITHIC SHEET OF MATERIAL WHEN COMPLETED.
- 6.1.3. SUBMIT SHOP DRAWING TO INCLUDE PLANS, ELEVATIONS, SECTIONS AND DETAILS AND ATTACHMENT TO OTHER WORK. SUBMIT SAMPLE PIECES TO INDICATE FULL COLOR AND PATTERN VARIATION. SUBMIT 6" X 6" SAMPLES.
- 6.1.4. SUBMIT ORIGINAL FIRE TEST REPORTS TO ENSURE COMPLIANCE WITH SPECIFIED FIRE TEST RESPONSE CHARACTERISTICS AS SPECIFIED BY THE MANUFACTURER.
- 6.1.5. INSTALL IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.
- 6.1.6. ACCEPTABLE PRODUCTS:
- 6.1.6.1. 3-FORM VARIA MODERNA AERO; ROYAL BLUE, SANDSTONE FINISH, EDGES SEALED, VERTICAL ORIENTATION.
- 6.1.6.2. KNOLL IMAGO; LUCERÉ STEEL, VERTICAL ORIENTATION, EDGES SEALED.
- 6.1.6.3. DESIGN-TEX FUSION; VERTICAL ORIENTATION, EDGES SEALED. COLOUR AND FINISH FROM MANUFACTURER'S FULL RANGE.
- 6.1.7. PROVIDE MOCK UP PANEL AS TEMPLATE FOR APPROVAL OF LOCATION OF MOUNTING HOLES AND FASTENERS.
- 6.1.8. INSTALLER TO PROVIDE WRITTEN VERIFICATION FOR COMPLIANCE WITH MANUFACTURER'S REQUIREMENTS AND THAT SUBSTRATES AND CONDITIONS ARE SATISFACTORY FOR INSTALLATION AND COMPLY WITH REQUIREMENTS SPECIFIED.

7. SEALANTS

- 7.1. PROVIDE AND INSTALL JOINT SEALANTS AT WELD PLATE TO FLOOR CONNECTIONS. PROVIDE SEALANTS FOR DISSIMILAR MATERIALS.
- 7.2. SUBMIT PRODUCT DATA SHEET FOR PRODUCTS RECOMMENDED TO BE USED FOR ALL SEALANTS.
- 7.3. NOTE THAT ALL SEALANTS MUST BE APPROPRIATE FOR USE IN HIGH HUMIDITY CHLORINE ENVIRONMENTS.
- 7.4. ACCEPTABLE PRODUCTS: TREMCO OR APPROVED ALTERNATIVES.

8. DOORS AND HARDWARE

- 8.1. DOORS:
- 8.1.1. WORK SHALL BE PERFORMED IN ACCORDANCE WITH CSDFMA SPECIFICATIONS FOR COMMERCIAL STEEL DOORS AND FRAMES AND RECOMMENDED SELECTION AND USAGE GUIDE FOR COMMERCIAL STEEL DOORS.
- 8.1.2. PRODUCT: STAINLESS STEEL DOOR FACE SHEETS TO ASTM A167, COLD ROLLED, ANNEALED AND PICKLED, TYPE 316 WITH 2B FINISH. EXPOSED FASTENERS TO BE STAINLESS STEEL TO ASTM A 167.
- 8.1.3. ALL OTHER COMPONENTS IN ACCORDANCE WITH CSDFMA.
- 8.1.4. FABRICATE DOORS SWING TYPE FLUSH, AND HONEYCOMB CONSTRUCTION, LONGITUDINAL EDGES OF STAINLESS STEEL MECHANICALLY INTERLOCKED, DOORS REINFORCED FOR SURFACE MOUNTED HARDWARE, VERTICAL DIRECTION ON DOOR FACES AND EDGES.
- 8.1.5. ISOLATE STAINLESS FROM DIRECT CONTACT WITH DISSIMILAR METALS, CONCRETE AND MASONRY. SET FRAMES PLUMB, SQUARE, LEVEL AND AT CORRECT ELEVATION. INSTALL PROTECTIVE COVERING TO EXPOSED COMPONENTS AND REPAIR DAMAGED PROTECTIVE COVERING.
- 8.2. HARDWARE SCHEDULE

QTY	UOM	DEVICE	MANUF.	ITEM	FINISH
2	SET	PIVOT HINGE	IVES	7226	626
1	SET	LOCK	SCH	ND70PD	626
1	EA	DEADLOCK	SCH	B660P	626
2	EA	FLUSH BOLTS	IVES	FB458	626
2	EA	WALL STOPS	IVES	WS401CX	626

9. FINISHES

- 9.1. RESILIENT FLOORING:
- 9.1.1. PROVIDE AND INSTALL RESILIENT SHEET FLOORING TO AREAS AND EXTENTS INDICATED.
- 9.1.2. PREPARE FLOOR SUBSTRATE IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS TO ENSURE PROPER INSTALLATION OF NEW FLOORING. MECHANICALLY ABRASE THE FLOOR TO REMOVE SEALER, PAINT AND EXISTING MATS.
- 9.1.3. BOND FLOORING TO PREPARED FLOOR WITH APPROVED ADHESIVE.
- 9.1.4. INSTALL NEW FLOORING IN STRICT ACCORDANCE TO MANUFACTURER'S CURRENT WRITTEN SPECIFICATIONS.
- 9.1.5. PROVIDE AND INSTALL FLOORING ACCESSORIES.
- 9.1.6. ACCEPTABLE PRODUCTS:
- 9.1.6.1. PARKETT OMNISPORT. TRAINING RESILIENT SHEET SPORTS FLOORING; COLOUR: A2100G. SUPPLIER: ERV PARENT, WINNIPEG ACCESSORIES:
- 9.2. EDGE GUARD: JOHNSONITE EDGE GUARD; EG-XX-J. COLOUR: PEWTER 36.
- 9.2.1. CLEAN AND PROTECT FINISHED SURFACES UNTIL SUBSTANTIAL PERFORMANCE. DO FINAL CLEAN AT TURNOVER TO CONTRACT ADMINISTRATOR.
- 9.2.2. PAINTING:
- 9.3. POWDER COAT ALL STEEL FRAMING, BRACKETS, AND BRACKET CONNECTIONS - NOT FASTENERS.
- 9.3.1. PAINTING: MINIMUM 5 STAGE PROCESS PER INDUSTRY STANDARD - SUITABLE FOR APPLICATION OF STEEL FRAMING AND SUITABLE FOR HIGH HUMIDITY CHLORINE ENVIRONMENTS.
- 9.3.2. COMMERCIAL BLAST ALL METAL PRIOR TO ANY PAINTING PROCESS. COORDINATE WITH METAL FABRICATIONS. RINSE SURFACES WITH ZINC PHOSPHATE.
- 9.3.3.