SHEFFIELD PARK

COQUITLAM, BRITISH COLUMBIA

STANDARD ABBREVIATIONS

AB	Anchor Bolt
ABV	Above
AC	Air Conditioning
ACP	Access
ACS	Acoustic(al)
AD	Area drain
ADDL	Additional
ADH	Adhesive
AFF	Above finish floor
AGG	Aggregate
ALT	Alternate
ALUM	Aluminum
ANOD	Anodized
APPROX	Approximate
APT	Apartment
ARCH	Architect(ural)
ASPH	Asphalt(ic)
AUTO	Automatic
AVG	Average
BAL	Balance
BBD	Base board
BD	Board
BEL	Below
BLDG	Building
BLK	Block
BLKG	Blocking
BR	Bedroom
BRK	Brick
BRKT	Bracket
BS	Both sides
BSMT	Basement
BTW	Between
BVL	Beveled
BYD	Beyond
C	Channel
CB	Catch basin
CBNT	Cabinet
CC	Center to center
CEM	Cement
CEMBD	Cement Board
CFL	Counterflashing
CFT	Cubic foot
CIRC	Circumference
CJT	Control joint
CL	Center line
CLG	Ceiling
CLO	Closet
CLR	Clear(ance)
CNDT	Conduit
CNTR	Counter
COL	Column
COMPR	Compress(ed) (ion) (ible)
CONC	Concrete
COND	Condition
CONN	Connect(or) (ion)
CONST	Construction
CONT	Continuous
CONTR	Contract (or)
CPR	Copper
CPT	Carpet
CRS	Course
CSMT	Casement
CSWK	Casework
CT	Ceramic tile
CTR	Center
CW	Cold water
CYD	Cubic yard
CYL	Cylinder
D	Drain
DBL	Double
DEMO	Demolition
DEPR	Depress(ed) (ion)
DEPT	Department
DF	Drinking fountain
DH	Double hung
DIAG	Diagonal
DIFF	Diffuser
DIM	Dimension
DISP	Dispenser
DIV	Division
DL	Dead load
DMPF	Dampproofing
DN	Down
DPR	Damper
DR	Door
DS	Downspout
DW	Dishwasher
DWG	Drawing
DWL	Dowel
DWR	Drawer
E	East
EA	Each
EB	Expansion bolt
EJ	Expansion joint
ELAS	Elastomeric
ELEC	Electrical
ELEV	Elevation
EMER	Emergency
ENCL	Enclosure
ENTR	Entrance
EP	Electrical panel
EPS	Expanded polystyrene
EPX	Epoxy
EQ	Equal
EQPT	Equipment
EWC	Electrical water cooler
EXG	Existing
EXH	Exhaust
EXPO	Exposed
EXT	Exterior
EXTR	Extrusion
FA	Fire alarm
FAB	Fabricated, fabricator
FAR	Floor Area Ratio
FAS	Fastener, fastened
FBO	Furnish by others
FD	Floor drain
FDN	Foundation
FF	Finish floor
FFE	Finish floor elevation
FGD	Finish grade
FGL	Fiberglass
FH	Flat head
FHC	Fire hose cabinet
FIN	Finish
FLG	Flashing
FLJT	Flush joint
FLR	Floor
FLUR	Fluorescent
FLX	Flexible
FO	Face of
FOB	Face of building
FOC	Face of concrete
FOM	Face of masonry
FOS	Face of steel
FOW	Face of wall
FR	Frame(d) (ing)
FT	Foot, feet
FTG	Footing
FTGL	Fully Tempered Glass
FUR	Furr(ed) furring
FUT	Future
GA	Gauge
GAL	Gallon
GALV	Galvanized
GC	General contractor
GD	Grade, grading
GF	Ground face
GKT	Gasket
GL	Glass
GLZ	Glazing, glazed
GND	Ground
GRDRL	Guard rail
GT	Grout
GVL	Gravel
GYP	Gypsum
GYPBD	Gypsum Board
HB	Hose bibb
HC	Hollow core
HDBD	Hardboard
HDR	Header
HDWR	Hardware
HEX	Hexagonal
HGT	Height
HIF	Horizontal inside face
HK	Hook
HM	Hollow metal
HMDRF	Hollow metal door frame
HNDRL	Handrail
HORZ	Horizontal
HR	Hour
HTG	Heating
HTR	Heater
HVAC	Heating/ventilating/air conditioning
HW	Hot water
HWH	Hot water heater
HYD	Hydrant
ID	Inside diameter
IGU	Insulating glazing unit
IN	Inch
INCL	Include(d) (ing)
INS	Insulate(d) (ing) (ion)
INT	Interior
INTERM	Intermediate
J	Joist
JT	Joint
JTF	Joint filler
KIT	Kitchen
KO	Knock out
KPL	Kick plate
L	Left
LAM	Laminated
LAV	Lavatory
LB	Lag bolt
LBL	Label
LDR	Ladder
LDR	Leader
LH	Left hand
LL	Live load
LR	Living room
LS	Lag screw
LT	Light
LTG	Lighting
LTH	Lath
LTL	Lintel
LVR	Louver
LW	Lightweight
LWC	Lightweight concrete
LxWxH	Length by width by height
M	Meter
MAS	Masonry
MATL	Material
MAX	Maximum
MB	Machine bolt
MBR	Member
MECH	Mechanical
MEZZ	Mezzanine
MFR	Manufacturer
MH	Manhole
MIN	Minimum
MIR	Mirror
MISC	Miscellaneous
MLDG	Molding
MM	Millimeter
MMB	MMB
MNT	Maintenance
MO	Masonry opening
MOD	Modular
MRB	Marble
MRT	Mortar
MS	Machine screw
MT	Mount (ed)
MTL	Metal (ic)
MTLTH	Metal lath
MUL	Mullion
MWK	Millwork
N	North
(N)	New
NAT	Natural
NEO	Neoprene
NIC	Not in Contract
NOM	Nominal
NTS	Not to scale
NUM	Number
OA	Overall
OBS	Obscure
OC	On center
OD	Outside diameter
OFS	Over-flow scupper
OPNG	Opening
OPP	Opposite
OPPH	Opposite hand
OVHD	Overhead
OZ	Ounce
PAR	Parallel
PBD	Particle board
PC	Precast
PCF	Pounds per cubic foot
PED	Pedestal
PERF	Perforate(d)
PERIM	Perimeter
PERP	Perpendicular
PFB	Prefabricated
PIP	Poured in place
PL	Plate
PLAT	Platform
PLF	Pounds per linear foot
PLMB	Plumbing
PLTR	Planter
PNL	Panel
PNT	Paint(ed)
PR	Pair
PREFAB	Prefabricated
PROJ	Project
PRTR	Preservative Treated
PS	Prestressed
PSF	Pounds per square foot
PSI	Pounds per square inch
PT	Point
PORC	Porcelain
PTN	Partition
PVMT	Pavement
PWD	Plywood
QT	Quarry tile
QTR	Quarter
R	Riser
RBR	Rubber
RBT	Rabbet
RCPT	Receptacle
RD	Roof drain
REF	Reference
REFIN	Refinished
REFR	Refrigerator
REG	Reglet
REINF	Reinforcing(ment)
REQD	Required
RES	Resinous
REV	Revise(d) (ion)
RFG	Roofing
RH	Right hand
RL	Rail(ing)
RM	Room
RMV	Remove(able)
RO	Rough opening
RP	Reference point
RTN	Return
RVL	Reveal
S	South
SC	Solid core
SCHD	Schedule
SCN	Screen
SD	Storm drain
SECT	SECT
SF	Square foot
SHL	Shelf, shelving
SHT	Sheet
SIM	Similar
SKL	Skylight
SLNT	Sealant
SLT	Slate
SLV	Sleeve
SOG	Slab on Grade
SPC	Space (ing)
SPEC	Specification(s)
SPKR	Speaker
SPR	Sprinkler
SQ	Square
SS	Solid Surface
SST	Stainless steel
STAG	Staggered
STC	Sound Transmission Class
STD	Standard
STL	Steel
STN	Stone
STOR	Storage
STRUC	Structural
SUR	Surface
SUSP	Suspended
SW	Switch
SYM	Symmetrical
SYS	System
T	Tread
T&G	Tongue and groove
T/O	Throughout
TB	Towel Bar
TEL	Telephone
TEMP	Temporary
THK	Thick(ness)
THR	Threshold
THRU	Through
TLT	Toilet
TO	Top of
TOS	Top of steel
TRANS	Transparent
TV	Television
TYP	Typical
UON	Unless otherwise noted
UTIL	Utility
VBFM	Verify by field measurement
VENT	Ventilating
VERT	Vertical
VIN	Vinyl
VNR	Veneer
VOL	Volume
VR	Vapor retarder
W	West
W/	With
W/O	Without
WD	Wood
WDW	Window
WF	Wide flange
WGL	Wired glass
WM	Wire mesh
WP	Working point
WPF	Waterproofing
WS	Water stop
WSCT	Wainscot
WT	Weight
WTW	Wall to wall
WWF	Welded wire fabric
YD	Yard
YR	Year
&	And
@	At
#	Number / Pound
℄	Center line

MATERIALS UON

- FILL / BACKFILL / EARTH
- DRAINAGE COURSE
- CONCRETE
- BRICK
- ALUMINUM
- STEEL
- BD INSULATION
- SPRAY FOAM INSULATION
- BLANKET INSULATION
- GYPSUM WALLBOARD
- FINISH WOOD
- WOOD FR
- WOOD BLKG
- PLYWOOD
- GROUT / SAND / MORTAR
- DRAINAGE / PROTECTION BD
- SLNT AND BACKER ROD

GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF WALL UNLESS NOTED OTHERWISE.
2. VERIFY FIELD MEASUREMENTS AND AFFECTED ADJACENT WORK ARE CO-ORDINATED.
3. PROVIDE BLOCKING FOR ALL WALL MOUNTED PANELS, EQUIPMENT, AND OTHER ACCESSORIES NOT FAS TO CONC.
4. REFER TO L-SERIES FOR SURVEY ELEVATIONS

SUBMITTALS:

1. SUBMIT A SUBMITTAL SCHEDULE FOR REVIEW
2. SUBMIT SHOP DRAWINGS AND SAMPLES AS PER GENERAL/SUPPLEMENTARY CONDITIONS
3. PROVIDE SHOP DRAWINGS FOR ALL SPECIFIED MATERIALS INCLUDING, MISCELANNOUS METALS, FORMLINERS & TIE LOCATIONS, COATINGS AND PAINTS, HARDWARE AND OPENINGS, FIXTURES AND ACCESSORIES, AND EXTERIOR ENVELOPE ASSEMBLIES.
4. PROVIDE ALL COLOUR SAMPLES ON SPECIFIED SUBSTRATES AND FINISH SAMPLES FOR EXPOSED CONCRETE.
5. PROVIDE ENGINEERED SHOP DRAWING WHERE INDICATED INCLUDING GUARDRAILS, AND ENVELOPE SUPPORT SYSTEMS (UNLESS SUPPORT SYSTEMS WITHIN MANUFACTURERS STANDARD LOAD TABLES).
6. FINISH LEGEND
   - PNT-1: TBD
   - PNT-2: TO MATCH GLAV FENCING, SEE L-SERIES
   - PNT-3: TBD

TABLE OF CONTENTS

ZONING ANALYSIS

CITY OF COQUITLAM ZONING BY-LAW 3000, 1996

ZONING DISTRICT:

P-5 - SPECIAL PARK

PARCEL:

!8020786

LEGAL DESCRIPTION:

SECTION 18 TOWNSHIP 40 PARK PID

BUILDING CODE ANALYSIS

BC BUILDING CODE 2018

BC PLUMBING CODE 2018

BUILDING AREA	11.5 m2
STORIES	1
HEIGHT	2.841 m
STREETS FACED	1
SPRINKLED	NO
DIV B PART 3	
OCCUPANCY CLASSIFICATON	A-2 OCCUPANCY
OCCUPANCY LOADING	
WASHROOM	2
SERVICES ROOM (46 PER m2)	1
TOTAL	3
CONSTRUCTION TYPE	
COMBUSTIBLE	PER 3.2.2.28
FIRE ALARM	PER 3.2.4.2 - NOT REQUIRED
FIRE DEPARTMENT ACCESS	PER 3.2.5.4.(1) - NOT REQUIRED FOR BUILDING LESS THAN 600 m2 AND LESS THAN 3 STOREYS

PER 3.7.2.2.(4) - WATER CLOSETS: BOTH SEXES ARE PERMITTED TO BE SERVED BY SINGLE WATER CLOSET IF THE OCCUPANT LOAD IS NOT MORE THAN 10.

PER 3.8.3.12 - UNIVERSAL WASHROOMS
AREA: 3.7m² WITH OUTSWINGING DOOR
MINIMUM WIDTH: 1700mm WITH OUTSWINGING DOOR
WATER CLOSET: 3.8.3.12.1(d)
GRAB BARS: CLAUSE 3.8.3.11.(1)(e) & (f)
LAVATORY & MIRROR: 3.8.3.15
URINALS: 3.8.3.14
COAT HOOK: 3.8.3.11.(1)(g)
PROVIDE LOCK OPERABLE WITH ONE HAND AND THAT CAN BE UNLOCKED FROM OUTSIDE
TOILET PAPER DISPENSOR: 3.8.3.11.(1)(h)

PART 9

PER 9.34.2.7 - LIGHTING FOR PUBLIC AREAS
STORAGE ROOMS: 50 lx min; 5 W/m² min
PUBLIC WATER CLOSET ROOMS: 100 lx min; 10 W/m² min

PART 10

PER ASHRAE 90.1 - CLIMATE ZONE 4C

ASSEMBLY	R-VALUE
ROOF	30 CI
MASS WALL	9.5 CI
WALL BEL GRADE	7.5 CI
SOG	20 CI

DRAWING SYMBOLS

- A001 — ROOM NUMBER
- A001 — DOOR NUMBER
- A1 — WINDOW TYPE
- 1 A1 A — PARTITION TYPE
- 1A — STOREFRONT TYPE
- X1 — COLUMN ENCLOSURE TYPE
- M000 — MILLWORK TYPE
- 0'-0" — CEILING INFORMATION
- ELEVATION DATUM / WORK POINT
- RISE / RUN — SLOPE ARROW
- 30 — ANGLE (DEGREES)
- MECHANICAL PAD-EYE INSERT
- RP — REFERENCE POINT FOR DIMENSION STRING
- 3 — COLUMN LINE
- 3 / A2.1 — WALL SECTION
- 3 / A2.1 — 3 / A2.1 — BUILDING SECTION
- 9 / A6.1 — DETAIL
- A4.2 — BUILDING ELEVATION
- 9 / 5 A4.1 6 / 7 — INTERIOR OR SPECIALTY EXTERIOR LEVATIONS
- GRAPHICAL SCALE
- N — NORTH ARROW
- 1 — REVISION MARK

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Sheffield Park

3510 Sheffield Ave

Coquitlam, BC

COVER SHEET

JIM PROJECT NO. 052

SCALE:	1 : 1
DRAWN BY:	JFH
CHECKED BY:	-
DATE:	12/20/2020

REVISIONS:

△	DATE	DESCRIPTION

G0.01

ISSUED FOR RFP

033500 CONCRETE FINISHING

QUALITY ASSURANCE

FABRICATOR QUALIFICATIONS: A FIRM THAT COMPLIES WITH THE FOLLOWING REQUIREMENTS AND IS EXPERIENCED IN PRODUCING ARCHITECTURAL CONCRETE UNITS SIMILAR TO THOSE INDICATED FOR THIS PROJECT AND WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE.

TESTING AGENCY QUALIFICATIONS: AN INDEPENDENT TESTING AGENCY QUALIFIED ACCORDING TO ASTM C 1077 AND ASTM E 329 TO CONDUCT THE TESTING INDICATED, AS DOCUMENTED ACCORDING TO ASTM E 548.

ALL CONCRETE WORK TO CONFORM WITH CAN/CSA 23.1 /A23.2, AND CSA-A23.3.
- DESIGN STANDARDS: CONCRETE DESIGNED TO MEET CSA A23.4 CLAUSE 16.2. CURE IN ACCORDANCE WITH CSA-A23.4.

PERFORMANCE/DESIGN CRITERIA
- REFER TO STRUCTURAL DRAWINGS FOR SLAB CAMBERS AS THESE NUMBERS WILL RULE OVER THE ITEMS BELOW.
- INTERIOR SLABS: FLOORS HAVING A STRAIGHTEDGE VALUE OF ± 5 MM OVER 3050 MM; SIMILAR TO CSA A23.1 CLASS C SLAB FINISHING.

CRACK REPAIR MATERIALS: CRACK REPAIR AND FILLER: TWO-COMPONENT, NONSHRINK, 100% SOLIDS, MOISTURE-INSENSITIVE, VOC FREE, AND MEETING THE REQUIREMENTS OF ASTM C881.

CURING COMPOUNDS: SELECT LOW VOC, WATER-BASED, ORGANIC-SOLVENT FREE CURING COMPOUNDS.
CONCRETE CURING COMPOUNDS: MAXIMUM VOC LIMIT 100 G/L IN ACCORDANCE WITH SCAQMD RULE #1113.

MIXES: MIXING, RATIOS AND APPLICATION IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

JOINT FILLER STRIPS:
FLOOR ISOLATION JOINTS: ASTM D1751, BITUMINOUS IMPREGNATED FIBREBOARD, OR ASTM D1752, CORK OR SELF-EXPANDING CORK, 13 MM THICK MINIMUM.
EDGE JOINT FILLER: ASTM D1751, BITUMINOUS IMPREGNATED FIBREBOARD, 13 MM THICK MINIMUM.

CONTROL JOINT FILLER: TWO COMPONENT, EPOXY-URETHANE, LOAD BEARING, SELF LEVELLING SEALANT.

WATERSTOP GASKET AND WATERSTOP SEALANT: HYDROPHILIC, BENTONITE BASED EXPANDING STRIP WATERSTOP.

EPOXY FLOOR COATING: ARIZONA POLYMER SEALER FOR THE CONCRETE FLOOR. ONCE COAT OF AP200 EPOXY PRIMER BASE AND ONE COAT OF AP501 POLY URATHANE SATIN TOP COAT. CLEAR FINISH

MOLD MATERIALS: RECKLI 1/46 RIB TYPE N - T 1046 OR CUSTOM MADE FORM LINER TO MATCH

FORM LINERS: UNITS OF FACE DESIGN, TEXTURE, ARRANGEMENT, AND CONFIGURATION INDICATED. PROVIDE SOLID BACKING AND FORM SUPPORTS TO ENSURE THAT FORM LINERS REMAIN IN PLACE DURING CONCRETE PLACEMENT. USE WITH MANUFACTURER'S RECOMMENDED LIQUID-RELEASE AGENT THAT WILL NOT BOND WITH, STAIN, OR ADVERSELY AFFECT PRECAST CONCRETE SURFACES AND WILL NOT IMPAIR SUBSEQUENT SURFACE OR JOINT TREATMENTS OF PRECAST CONCRETE.

FINISHING FORMED SURFACES
UNSPECIFIED FINISH: PROVIDE FOLLOWING FINISHES AS APPLICABLE WHEN FINISH OF FORMED SURFACES IS NOT SPECIFICALLY INDICATED:
UNEXPOSED SURFACES:
ROUGH FORM FINISH FOR CONCRETE NOT EXPOSED TO VIEW.
SMOOTH FORM FINISH FOR CONCRETE TO RECEIVE MEMBRANE WATERPROOFING.
EXPOSED SURFACES:
SMOOTH FORM FINISH FOR CONCRETE SURFACES EXPOSED TO VIEW SHALL CONSIST OF SQUARE EDGED SMOOTH PANELS OF PAPER FINISH PLYWOOD. PANELS SHALL BE MADE IN A TURE PLANE, CLEAN, FREE OF HOLES, SURFACE MARKINGS, AND DEFECT.

EXPOSED FORM FINISHES: COORDINATE AS NECESSARY TO SECURE FORM CONSTRUCTION USING SMOOTH, HARD, UNIFORM SURFACES WITH NUMBER OF SEAMS KEPT TO A MINIMUM, UNIFORMLY SPACED IN AN ORDERLY PATTERN; PATCH TIE HOLES AND DEFECTS; COMPLETELY REMOVE FINS, BULDGES, LIPS AND STAINS. GRIND REPAIRS SMOOTH.

RELATED UNFORMED FINISH: STRIKE-OFF CONCRETE SMOOTH AND FINISH WITH USING TEXTURE MATCHING ADJACENT FORMED SURFACES AT TOPS OF WALLS, HORIZONTAL OFFSETS, AND SIMILAR UNFORMED SURFACES OCCURRING ADJACENT TO FORMED SURFACES; CONTINUE FINAL SURFACE TREATMENT OF FORMED SURFACES UNIFORMLY ACROSS ADJACENT UNFORMED SURFACES.

FINISHING FLOORS AND SLABS

FINISH FLOORS AND SLABS IN ACCORDANCE WITH CSA A23.1 AND ACI 302.1R RECOMMENDATIONS FOR SCREEDING, RE-STRAIGHTENING, AND FINISHING OPERATIONS FOR CONCRETE SURFACES; DO NOT WET CONCRETE SURFACES.

FLOAT (INITIAL) FINISHING:
- CONSOLIDATE SURFACE WITH POWER DRIVEN FLOATS OR BY HAND FLOATING IF AREA IS SMALL OR INACCESSIBLE TO POWER DRIVEN FLOATS.
- RE-STRAIGHTEN, CUT DOWN HIGH SPOTS, AND FILL LOW SPOTS.
- REPEAT FLOAT PASSES AND RE-STRAIGHTENING UNTIL SURFACE IS LEFT WITH A UNIFORM, SMOOTH, GRANULAR TEXTURE.
- APPLY FLOAT FINISHING TO SURFACES RECEIVING TROWEL FINISHING AND RECEIVING FLUID APPLIED OR SHEET WATERPROOFING, OR MEMBRANE ROOFING.

TROWEL (FINAL) FINISHING:
- COMMENCE TROWEL FINISHING AFTER ALL BLEED WATER HAS DISAPPEARED AND WHEN THE CONCRETE HAS STIFFENED SUFFICIENTLY TO PREVENT THE WORKING OF EXCESS MORTAR TO THE SURFACE.
- APPLY FIRST TROWELLING AND CONSOLIDATE CONCRETE BY HAND OR POWER-DRIVEN TROWEL AFTER APPLYING FLOAT FINISHING; CONTINUE TROWELLING PASSES AND RE-STRAIGHTEN UNTIL SURFACE IS FREE OF TROWEL MARKS AND UNIFORM IN TEXTURE AND APPEARANCE; REPAIR OR SMOOTH ANY SURFACE DEFECTS THAT WOULD TELEGRAPH THROUGH APPLIED COATINGS.
- FINISH AS PER EXPOY FLOORING MANUFACTER RECOMMENDATIONS FOR NON-SLIP TEXTURE.
- FINISH SURFACES TO THE TOLERANCES INDICATED ABOVE.

APPLICATION: WATERSTOPS

INSTALL IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AT EXTERIOR CONSTRUCTION JOINTS.

ENSURE CONCRETE IS FREE OF VOIDS, HONEYCOMBING, SEGREGATION OF THE MIX, OR ANY CONDITIONS WHICH LEADS TO CONCRETE PERMEABILITY.

INSTALL IN ALL APPLICABLE EXTERIOR VERTICAL AND HORIZONTAL CAST-IN-PLACE CONCRETE CONSTRUCTIONS JOINTS, AROUND APPLICABLE PENETRATION AND STRUCTURAL MEMBERS. LEAVING A MINIMUM OF 75MM OF CONCRETE COVER TO THE EXTERIOR.

TIGHTLY BUTT COIL ENDS TOGETHER TO FORM CONTINUOUS WATERSTOP.

PROTECT INSTALLED WATERSTOP FROM PREHYDRATION PRIOR TO CONCRETE PLACEMENT AND PRODUCT ENCAPSULATION

055000 METAL FABRICATIONS

SHOP DRAWINGS: FOR METAL BALUSTRADES, RAILINGS AND GUARDRAILS, INCLUDING ALL CONNECTION DETAILING, SHALL BE SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF B.C.

FASTENERS

GENERAL: UNLESS OTHERWISE INDICATED, PROVIDE TYPE 316 STAINLESS-STEEL FASTENERS FOR EXTERIOR USE AND ZINC PLATED FASTENERS WITH COATING COMPLYING WITH ASTM B 633 OR ASTM F 1941M, CLASS FE/ZN 5, AT EXTERIOR WALLS

CAST-IN-PLACE ANCHORS IN CONCRETE: EITHER THREADED TYPE OR WEDGE TYPE UNLESS OTHERWISE INDICATED; GALVANIZED FERROUS CASTINGS, EITHER ASTM A 47/A 47M MALLEABLE IRON OR ASTM A 27/A 27M CAST STEEL. PROVIDE BOLTS, WASHERS, AND SHIMS AS NEEDED, ALL HOT-DIP GALVANIZED PER ASTM F 2329. M.

POST-INSTALLED ANCHORS: TORQUE-CONTROLLED EXPANSION ANCHORS OR CHEMICAL ANCHORS.

MISCELLANEOUS MATERIALS

GALVANIZING REPAIR PAINT: HIGH-ZINC-DUST-CONTENT PAINT COMPLYING WITH SSPC-PAINT 20 AND COMPATIBLE WITH PAINTS SPECIFIED TO BE USED OVER IT.

NONSHRINK, NONMETALLIC GROUT: FACTORY-PACKAGED, NONSTAINING, NONCORROSIVE, NONGASEOUS GROUT COMPLYING WITH ASTM C 1107. PROVIDE GROUT SPECIFICALLY RECOMMENDED BY MANUFACTURER FOR INTERIOR AND EXTERIOR APPLICATIONS.

MISCELLANEOUS FRAMING AND SUPPORTS

GENERAL: PROVIDE STEEL FRAMING AND SUPPORTS NOT SPECIFIED IN OTHER SECTIONS AS NEEDED TO COMPLETE THE WORK.

FABRICATE UNITS FROM STEEL SHAPES, PLATES, AND BARS OF WELDED CONSTRUCTION UNLESS OTHERWISE INDICATED. FABRICATE TO SIZES, SHAPES, AND PROFILES INDICATED AND AS NECESSARY TO RECEIVE ADJACENT CONSTRUCTION.
- FURNISH INSERTS FOR UNITS INSTALLED AFTER CONCRETE IS PLACED.

GALVANIZE MISCELLANEOUS FRAMING AND SUPPORTS.

MISCELLANEOUS STEEL TRIM: UNLESS OTHERWISE INDICATED, FABRICATE UNITS FROM STEEL SHAPES, PLATES, AND BARS OF PROFILES SHOWN WITH CONTINUOUSLY WELDED JOINTS AND SMOOTH EXPOSED EDGES. MITER CORNERS AND USE CONCEALED FIELD SPLICES WHERE POSSIBLE.

STEEL WELD PLATES AND ANGLES: PROVIDE STAINLESS STEEL WELD PLATES AND ANGLES NOT SPECIFIED IN OTHER SECTIONS, FOR ITEMS SUPPORTED FROM CONCRETE CONSTRUCTION AS NEEDED TO COMPLETE THE WORK. PROVIDE EACH UNIT WITH NO FEWER THAN TWO INTEGRALLY WELDED STEEL STRAP ANCHORS FOR EMBEDDING IN CONCRETE.

CONCEALED PANEL HANGER CLIPS: PROVIDE A316 STAINLESS STEEL HANGING CLIPS
WALL CLIPS: MONARCH MFSSCHAN
CEILING CLIPS: MONARCH MFCEIL-H

DUPLEX HOT-DIP GALVANIZING FINISH: PROVIDE APPLICATOR'S STANDARD ENHANCED HOT-DIP GALVANIZING PROCESS COMPLYING WITH ASTM A 123 DESIGN AND FABRICATION REQUIREMENTS.

METAL FINISHES:

PRIMER: PROVIDE APPLICATOR'S STANDARD FACTORY-APPLIED PRIMER OVER HOT-DIP GALVANIZING, COMPATIBLE WITH COLORED FINISH COATINGS, OTHERWISE SEE SECTION 099000

FINISH COATINGS: SEE SECTION 099000

COLOR AND FINISH: AS APPROVED BY ARCHITECT.

PERFORATED PANEL: ACCURATE PERFORATING

PATTERN: RS009 - 0.062" X 0.093"
OPEN AREA: 40.0%
HOLE DIAMETER: 0.062"
CENTERS: 0.093"

072113 BOARD INSULATION

EXTRUDED POLYSTYRENE (XPS) TO CAN/ULC S701 AND AS FOLLOWS:
- FOR USE ON RETAINING WALLS, BELOW SOG AND BELOW SUSPENDED SLAB
- TYPE: 4
- EDGES: SQUARE
- SIZE: 610 MM X 2440 MM X THICKNESS AS INDICATED ON DRAWINGS.
- COMPRESSIVE STRENGTH:
  1. FOUNDATION WALLS & SOG: MINIMUM 210 KPA AT 10% DEFORMATION IN ACCORDANCE WITH ASTM D1621
  2. ABOVE SUSPENDED SLAB: MINIMUM 276 KPA AT 10% DEFORMATION IN ACCORDANCE WITH ASTM D1621
- WATER ABSORPTION: MAXIMUM 0.7% (% BY VOLUME) IN CONFORMANCE WITH ASTM D2842.

FIBROUS MINERAL WALL INSULATION: UNFACED, PREFORMED RIGID FIBROUS MINERAL SLAG BOARD INSULATION IN ACCORDANCE WITH CAN/ULC S702 AND AS FOLLOWS:
- FOR USE ON EXTERIOR WALL
- TYPE: 1
- COMBUSTION CHARACTERISTICS: NON-COMBUSTIBLE IN ACCORDANCE WITH CAN/ULC S114.
- FLAMESPREAD: LESS THAN 25 IN ACCORDANCE WITH CAN/ULC S102.
- DENSITY: 72 KG/M³.
- EDGES: SQUARE.
- SIZE: 406 MM X 1220 MM X THICKNESS AS INDICATED ON DRAWINGS.

MINERAL FIBRE INSULATION: UN-FACED PREFORMED GREENGUARD™ OR FORMALDEHYDE FREE BINDER FIBROUS INSULATION MEETING THE REQUIREMENTS OF ULC S702; HAVING MAXIMUM FLAME SPREAD AND SMOKE DEVELOPED OF 20/20 IN ACCORDANCE WITH CAN/ULC S102 AND BEING NON-COMBUSTIBLE IN ACCORDANCE WITH CAN/ULC S114 AND AS FOLLOWS:
- TYPE: 1.
- WIDTH: TO FRICTION FIT IN CAVITIES.
- THICKNESS: MINIMUM 89 MM TO FILL A MINIMUM OF 90% OF THE CAVITY THICKNESS.

ADHESIVE (FOR POLYSTYRENE): TROWEL CONSISTENCY, SYNTHETIC RUBBER BASED INSULATION ADHESIVE COMPATIBLE WITH POLYSTYRENE INSULATION TO CGSB 71-GP-24; SUITABLE FOR APPLICATION IN TEMPERATURE DOWN TO -12°C.

THERMALLY BROKEN CLIP SYSTEM: LOW-CONDUCTIVITY THERMAL SPACERS CONFIRM ALL CLIPS WITH STRUCTURAL ENGINEER AND LOADS IN ACCORDANCE WITH SECTION 01 35 00 – DELEGATED DESIGN AND AS FOLLOWS:
- SUB-FRAMING THERMAL SPACER: STEEL CLIP WITH INTEGRAL GLASS FIBRE REINFORCED THERMAL ISOLATOR PAD AND ADJUSTABLE DEPTH
- DEPTH: AS INDICATED ON DRAWINGS X WIDTH AS INDICATED ON DRAWINGS AND AS REQUIRED BY WIND LOADS FOR BUILDING AREA.
- THICKNESS: 2 MM (14 GA) Z-275 GALVALUME STEEL GRADE 33 TO ASTM A792
- SPACING: AS REQUIRED BY DELEGATED DESIGN.
- FASTENERS: AS RECOMMENDED BY MANUFACTURER IN LENGTH TO SUIT WALL CONSTRUCTION.
- BASIS OF DESIGN MATERIALS: ISO CLIP, NORTHERN FACADES

SUB-GIRTS: STRUCTURAL QUALITY STEEL TO ASTM A653, WITH Z275 ZINC COATING TO ASTM A792, ADJUSTABLE DOUBLE-ANGLE PROFILE AS INDICATED TO ACCEPT PANEL WITH STRUCTURAL ATTACHMENT TO BUILDING FRAME.

FILTER CLOTH: NON-WOVEN, NON-BIODEGRADABLE POLYMERIC GEOTEXTILE CLOTH FORMING A PART OF MANUFACTURER'S INTENSIVE GARDEN SYSTEM.

DRAINAGE BOARD: HIGH-STRENGTH DRAINAGE PANEL CONSISTING OF POLYPROPYLENE CORE AND FABRIC FOR INSTALLATION OVER WATERPROOF MEMBRANES WITH THE FOLLOWING CHARACTERISTICS:
- THICKNESS: 10 MM
- COMPRESSIVE STRENGTH: 550 KPA
- FLOW RATE: 223 L/MIN/M.

071416 - COLD FLUID APPLIED DAMPPROOFING

WATERPROOFING MEMBRANE: SINGLE-COMPONENT, POLYMER-MODIFIED, COLD-APPLIED, WATER BASED LIQUID WATERPROOFING MEMBRANE ABLE TO DEVELOP BOND TO SUBSTRATE UNDER CONDITIONS OF SERVICE AND APPLICATION INDICATED AND WITH THE FOLLOWING PROPERTIES:
- SOLIDS BY VOLUME: 65% MINIMUM.
- FILM THICKNESS: MINIMUM 90 MILS WET.
- TOTAL CURE TIME: 16 – 24 HOURS.
- ELONGATION: 1500% TO ASTM D412.
- WATER VAPOUR TRANSMISSION: 0.05 PERMS TO ASTM E96, B.

ACCESSORIES:

PRIMER: MANUFACTURER'S STANDARD, FACTORY-FORMULATED POLYURETHANE OR EPOXY PRIMER.

REINFORCING SHEET: FIBREGLASS MESH OR POLYESTER FABRIC MATERIAL DESIGNED FOR AND COMPATIBLE WITH MEMBRANE BITUMEN AS REQUIRED BY WATERPROOFING MEMBRANE MANUFACTURER.

FLASHING AND TRANSITION MEMBRANE: NOMINAL 1.5 MM, MANUFACTURER'S STANDARD NON-STAINING PREMANUFACTURED ELASTOMERIC MEMBRANE AND ADHESIVE.

JOINT SEALANT: MULTI-COMPONENT POLYURETHANE SEALANT, COMPATIBLE WITH WATERPROOFING; AND AS RECOMMENDED BY MANUFACTURER FOR SUBSTRATE AND JOINT CONDITIONS.

ADHESIVE FOR INSULATION: WATER-BASED RUBBERISED LIQUID COATING AS RECOMMENDED BY MANUFACTURER

DRAINAGE BOARD: HIGH-STRENGTH DRAINAGE PANEL CONSISTING OF POLYPROPYLENE CORE AND FABRIC FOR INSTALLATION OVER WATERPROOF MEMBRANES WITH THE FOLLOWING CHARACTERISTICS:
- THICKNESS: 10 MM
- COMPRESSIVE STRENGTH: 550 KPA
- FLOW RATE: 223 L/MIN/M.

INSTALLATION

APPLY WATERPROOFING IN ACCORDANCE MANUFACTURER'S WRITTEN INSTRUCTIONS AFTER CONCRETE HAS CURED TO ACCEPTABLE MOISTURE LEVELS AND VAPOUR EMISSIONS, AND NOT LESS THAN 7-14 DAYS AFTER CONCRETE FORMS ARE REMOVED AS RECOMMENDED BY MEMBRANE MANUFACTURER.

APPLY PRIMER OVER PREPARED SUBSTRATE IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

APPLY MEMBRANE IN SUFFICIENT COATS TO OBTAIN SEAMLESS INSTALLATION FREE FROM TRAPPED GASSES OR AIR POCKETS TO AN AVERAGE DRY FILM THICKNESS OF 1.5 MM, WITH NO LESS THAN 1.3 MM DRY FILM THICKNESS AT ANY POINT OF THE INSTALLATION.

VERIFY WET FILM THICKNESS OF WATERPROOFING EVERY 10 M²

DRAINAGE BOARD
- DRAPE THE DRAINAGE BOARD AND SECURE WITHOUT FASTENING THROUGH THE WATERPROOFING MEMBRANE OR TAPE TO THE WATERPROOFING MEMBRANE.
- UNROLL DRAINAGE BOARD WITH FLAT CORE SIDE AGAINST THE WALL OR WATERPROOFING MEMBRANE.
- ADHERE DRAINAGE BOARD WITH MASTIC WITHOUT FASTENING THROUGH THE WATERPROOFING MEMBRANE.
- OVERLAP FLAT SIDE CORE LIP WITH SECOND SHEET OF THE DRAINAGE BOARD TO PROVIDE A CONTINUOUS DRAINAGE LAYER. ENSURE EXCESS FILTER FABRIC IS OVERLAPPED WITH THE NEXT SHEET.

072700 AIR & VAPOUR BARRIER

UNDERSLAB VAPOUR BARRIER SHEET MATERIALS

PLASTIC SHEET VAPOUR RETARDER (UNDERSLAB): HIGH DENSITY, PUNCTURE RESISTANT POLYETHYLENE SHEET IN ACCORDANCE WITH ASTM E1745 AND CAN/CGSB-51.34, AND AS FOLLOWS:
- THICKNESS: 10 MIL
- VAPOUR PERMEANCE: NOMINAL ≤ 0.044 PERMS MAXIMUM
- TENSILE STRENGTH AND PUNCTURE RESISTANCE: ASTM E1745 CLASS B MINIMUM

ACCESSORY MATERIALS: PROVIDE MANUFACTURER'S REQUIRED SEAM TAPE, PIPE BOOTS AND VAPOUR PROOFING MASTIC FORMING A COMPLETE SYSTEM IN ACCORDANCE WITH CAN/CSA A23.1 AND ASTM E1643

INSTALLATION: INSTALL VAPOUR BARRIER IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND ASTM E1643

SELF-ADHESIVE AIR AND VAPOUR BARRIER SYSTEM MATERIALS

PRIMER: SBS SYNTHETIC RUBBERS, ADHESIVE RESINS AND SOLVENTS USED TO PRIME POROUS SUBSTRATES TO ENHANCE ADHESION OF SELF-ADHESIVE MEMBRANES AT TEMPERATURES ABOVE -10°C:

SPECIFIC GRAVITY AT 20°C (KG/L): 0.79 TO 1.0 KG/L
SOLIDS BY WEIGHT: 24% TO 53%
FLASH POINT: -30°C TO ASTM D93

AIR/VAPOUR BARRIER MEMBRANE (SUMMER APPLICATION): TO CAN/CGSB 37.56 OR ASTM D1970; SBS MODIFIED BITUMEN, SELF-ADHERING SHEET MEMBRANE WITH POLYETHYLENE FACER, FOR APPLICATION TEMPERATURE ABOVE 5°C, AND AS FOLLOWS:

THICKNESS: 1 MM TO 1.5 MM
TENSILE STRENGTH: MINIMUM 6 KN/M
ULTIMATE ELONGATION: 25% TO 40%
FLEXIBILITY AT COLD TEMPERATURE: MINIMUM -17°C
AIR PERMEABILITY: <0.0003 L/SEC. M²
WATER VAPOUR PERMEABILITY: <0.05 PERM
STATIC PUNCTURE: 400 N
LAP ADHESION: MINIMUM 1750 N/M

WATERPROOFING MASTIC: SOLVENT-BASED MASTIC CONTAINING SBS MODIFIED BITUMEN, FIBRES AND MINERAL FILLERS, USED TO SEAL AROUND PENETRATIONS AND EXTRUSIONS.

COMPATIBILITY: WITH AIR/VAPOUR BARRIER MEMBRANE, SUBSTRATE AND INSULATION
SPECIFIC GRAVITY AT 20°C: 1.0 KG/L TO 1.12 KG/L
APPLICATION TEMPERATURE: -10°C TO +35°C
SOLIDS BY WEIGHT: 70% TO 83 %

075200 - MODIFIED BITUMINOUS MEMBRANE ROOFING

MEMBRANE BASE SHEET FLASHING (STRIPPING):

PRIMER: MANUFACTURER'S RECOMMENDED ELASTOMERIC BITUMEN OR SYNTHETIC RUBBER BLEND, VOLATILE SOLVENTS, ADHESIVE ENHANCING ADDITIVES AND RESINS USED TO PRIME SUBSTRATE TO ENHANCE THE ADHESION OF SELF-ADHESIVE MEMBRANES SUITABLE FOR APPLICATION TEMPERATURES.

ROOFING MEMBRANE WITH NON-WOVEN POLYESTER REINFORCEMENT AND GLASS GRID AND ELASTOMERIC BITUMEN. TOP FACE COVERED WITH THERMOFUSIBLE PLASTIC FILM, UNDERSIDE SELF-ADHESIVE AND PROTECTED BY SILICONE RELEASE PAPER IN ACCORDANCE WITH CGSB 37-GP-56M TYPE 2, CLASS C, GRADE 1.

COMPONENTS:
- REINFORCEMENT: NON-WOVEN POLYESTER AND GLASS GRID.
- ELASTOMERIC BITUMEN: MIX OF SELECTED BITUMEN AND SBS POLYMER.
- MARK TOP FACE WITH LINES TO ENSURE PROPER ROLL ALIGNMENT.
-

CHARACTERISTICS:
- COLD BENDING AT MINIMUM -25°C: NO CRACKING
- SOFTENING POINT: ³ 110°C
- REINFORCING WEIGHT: MINIMUM 160 G/M²
- MEMBRANE THICKNESS: MINIMUM 2.5 MM

ROOFING CAP SHEET MEMBRANE FOR FIELD SURFACES AND FLASHINGS AND PARAPETS: ROOFING MEMBRANE COMPOSED OF SBS MODIFIED BITUMEN WITH A COMPOSITE REINFORCEMENT AND ELASTOMERIC BITUMEN. THE SURFACE IS PROTECTED WITH COLOURED GRANULES. THE UNDERFACE IS COVERED WITH A RELEASE FILM.

COLOURED GRANULES: GREY.

IN CONFORMANCE WITH: ASTM D6162

PROPERTIES	MD	XD
STRAIN ENERGY (KN/M)	7.8	7.2
BREAKING STRENGTH (N/50 MM)	15	13.5
ULTIMATE ELONGATION (%)	60	65
TEAR RESISTANCE (N)	125	
STATIC PUNCTURE RESISTANCE (N)	560	
DIMENSIONAL STABILITY (%)	0.2	0
PLASTIC FLOW (°C)	≥ 110	
COLD BENDING (AT –30°C)	NO CRACKING	
LAP JOINT STRENGTH (KN/M)	PASS > 4KN/M	

ADHESIVE: INSULATION ADHESIVE: MANUFACTURERS STANDARD ADHESIVES SPECIFICALLY FORMULATED FOR INSTALLATION OF PLASTIC INSULATION TO ROOFING MATERIALS:

PERIMETER FIRE SEAL: SBS MODIFIED BITUMEN, MINIMUM 60 GM/M² GLASS FLEECE REINFORCED, SELF ADHERING MEMBRANE HAVING SANDED TOP FACE, CUT INTO STRIPS MINIMUM 150 MM WIDE X NOMINAL 1.5 MM THICK.

PMMA MEMBRANE ROOF FLASHING: TWO COAT CATALYZED, THIOTROPIC PMMA RESIN ENCAPSULATING A LAYER OF NON-WOVEN, 110 G/M², NEEDLE-PUNCHED POLYESTER FLEECE.

SELF-ADHESIVE MODIFIED BITUMEN STRIPPING PLY AND FLASHING REINFORCING SHEET

- THICKNESS (AVG): 102 MILS (2.6 MM) (ASTM D5147)
- THICKNESS (MIN): 98 MILS (2.5 MM) (ASTM D5147)
- WEIGHT (MIN PER 100 FT² OF COVERAGE): 69 LB (3.4 KG/M²)
- APPROVALS: UL CLASS LISTED, FM APPROVED (PRODUCTS SHALL BEAR SEALS OF APPROVAL)
- REINFORCEMENT: FIBERGLASS MAT OR OTHER MEETING THE PERFORMANCE AND DIMENSIONAL STABILITY CRITERIA
- BACK SURFACING: POLYOLEFIN RELEASE FILM
- TOP SURFACING: FACTORY APPLIED ACRYLIC COATING (WHITE)

WATERPROOFING MASTIC: TWO COMPONENT PMMA LIQUID MEMBRANE WITH FLEECE FABRIC.

TORCHES: USE ONLY TORCHES DESIGNED FOR TORCHING ROOFING MATERIAL AND ACCEPTABLE TO MANUFACTURER.

INSTALLATION:

QUALITY OF WORK: DO EXAMINATION, PREPARATION AND ROOFING WORK IN ACCORDANCE WITH ROOFING MANUFACTURER'S SPECIFICATION MANUAL AND RCABC ROOFING PRACTICES MANUAL.
DO PRIMING IN ACCORDANCE WITH MANUFACTURERS WRITTEN RECOMMENDATIONS.

FIELD QUALITY CONTROL: INSPECTION AND TESTING OF ROOFING APPLICATION TO BE CARRIED OUT BY TESTING LABORATORY DESIGNATED BY OWNER IN COOPERATION WITH CONSULTANT.

076000 FLASHING AND SHEET METAL

SHEET METAL MATERIALS: STAINLESS STEEL SHEET: 0.60 MM BASE METAL THICKNESS, FINCH TO MATCH ADJACENT DECORATIVE METAL ASSEMBLIES.

MEMBRANE FLASHING: SELF-ADHESIVE MEMBRANE COMPOSED OF THERMOPLASTIC POLYMER MODIFIED BITUMEN AND A HIGH DENSITY POLYETHYLENE FILM WITH A SILICONE RELEASE FILM ON THE LOWER SURFACE.

ACCESSORIES
- ISOLATION COATING: ALKALI RESISTANT BITUMINOUS PAINT.
- UNDERLAY FOR METAL FLASHING: NO. 15 PERFORATED ASPHALT FELT TO CSA A123.3.
- CLEATS: OF SAME MATERIAL, AND TEMPER AS SHEET METAL, MINIMUM 50 MM WIDE. THICKNESS SAME AS SHEET METAL BEING SECURED.
- FASTENERS: OF SAME MATERIAL AS SHEET METAL, TO CSA B111, RING THREAD FLAT HEAD ROOFING NAILS OF LENGTH AND THICKNESS SUITABLE FOR METAL FLASHING APPLICATION.
- WASHERS: OF SAME MATERIAL AS SHEET METAL, 1 MM THICK WITH RUBBER PACKINGS.
- TOUCH-UP PAINT: AS RECOMMENDED BY PREFINISHED MATERIAL MANUFACTURER.

FABRICATION
- FORM PIECES IN 2400 MM MAXIMUM LENGTHS. MAKE ALLOWANCE FOR EXPANSION AT JOINTS.
- HEM EXPOSED EDGES ON UNDERSIDE 12 MM. MITRE AND SEAL CORNERS WITH SEALANT.
- FORM SECTIONS SQUARE, TRUE AND ACCURATE TO SIZE, FREE FROM DISTORTION AND OTHER DEFECTS DETRIMENTAL TO APPEARANCE OR PERFORMANCE.
- APPLY ISOLATION COATING TO METAL SURFACES TO BE EMBEDDED IN CONCRETE OR MORTAR.

INSTALLATION
- INSTALL SHEET METAL WORK IN ACCORDANCE WITH CRCA FL SERIES DETAILS AND AS DETAILED.
- USE CONCEALED FASTENINGS EXCEPT WHERE APPROVED BEFORE INSTALLATION.
- PROVIDE UNDERLAY UNDER SHEET METAL. SECURE IN PLACE AND LAP JOINTS 100 MM.
- LOCK END JOINTS AND CAULK WITH SEALANT.

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SPECIFICATIONS

JIM PROJECT NO. 052

SCALE:

DRAWN BY: JFH

CHECKED BY: -

DATE: 03/15/21

REVISIONS:

△	DATE	DESCRIPTION

G2.01

ISSUED FOR RFP

081113 STEEL DOORS AND FRAMES

MATERIALS: COATED STEEL SHEETS TO ASTM A924/M924; COATING DESIGNATION TO ASTM A653/A653M: COMMERCIAL STEEL (CS), TYPE B, ZF180 GALVANNEALED; STRETCHER LEVELLED.

FRAMES: 1.98 MM MINIMUM THERMALLY BROKEN TYPE CONSTRUCTION. 50 MM FACE STANDARD FRAME PROFILE, THROAT AND FRAME WIDTH TO SUIT WALL CONSTRUCTION.

DOORS: FLUSH, LOCK SEAM CONSTRUCTION, INSULATED DOORS FABRICATED IN ACCORDANCE WITH CAN/CGSB 82.5, AND AS FOLLOWS:

FACE SHEETS: MINIMUM 3 MM BASE STEEL SHEET THICKNESS. EXTEND OVER JAMB AS PER DRAWINGS

UNDERCUT: 1/2" ON ALL DOORS

INSULATION STIFFENED CORE: INSULATED AND SOUND DEADENED WITH POLYSTYRENE OR POLYISOCYANURATE AT CHOICE OF MANUFACTURER CORE LAMINATED UNDER PRESSURE TO EACH FACE SHEET

POLYSTYRENE: RIGID EXTRUDED, CLOSED CELL INSULATION, FIRE RETARDANT TREATED MEETING THE REQUIREMENTS OF ULC S701, TYPE 4, MINIMUM THERMAL RESISTANCE RSI 0.825 MM THICKNESS.

POLYURETHANE: RIGID, CELLULAR TYPE, BOARD, CONFORMING TO ASTM D1622, OR FOAMED-IN-PLACE, 29 KILOGRAMS PER CUBIC METER DENSITY MINIMUM, CONTAINING NO UREA FORMALDEHYDE RESINS

DOUBLE PANE INSULATING GLASS UNITS: MEET OR EXCEED REQUIREMENTS OF CAN/CGSB-12.8. UNITS SHALL BE CERTIFIED BY THE INSULATED GLASS MANUFACTURERS ALLIANCE (IGMA). OVERALL UNIT THICKNESS SHALL BE 25 MM USING 6 MM GLASS THICKNESS FOR INDIVIDUAL PANES. MEETS ASHRAE MINIMUM U-VALUE OF 0.32 NOT METAL ASSEMBLY. USE TWO STAGE SEAL METHOD OF MANUFACTURE, AS FOLLOWS:

PRIMARY SEAL: POLYISOBUTYLENE SEALING COMPOUND BETWEEN GLASS AND METAL SPACER/SEPARATOR, SUPER SPACER BAR OR TDSE INTERCEPT.

SECONDARY SEAL: POLYURETHANE, SILICONE OR POLYSULPHIDE BASE SEALANT, COMPLETELY FILLING GAP BETWEEN THE TWO LITES OF GLASS AT THE EDGE UP TO THE SPACER/SEPARATOR AND PRIMARY SEAL.

SPACER/SEPARATOR TO PROVIDE CONTINUOUS VAPOUR BARRIER BETWEEN INTERIOR OF SEALED UNIT AND SECONDARY SEAL.

PROVIDE ACID ETCHING ON NO.4 SURFACE OF INSULATING GLASS UNITS.

GAS: 95% ARGON FILLED

PERFORMANCE CRITERIA: FENESTRATION SYSTEMS TO MEET BCBC STRUCTURAL AND ENVELOPE DESIGN CRITERIA. PROVIDE SHOP DRAWINGS CONFIRMING COMPLIANCE.

CLEAR SAFETY GLASS: TO CAN/CGSB-12.1-M90 FOR LITE BELOW 2133 MM, AS INDICATED ON DRAWINGS AND AS FOLLOWS:

TYPE: 2-TEMPERED.
CLASS: B-FLOAT.

087100 DOOR HARDWARE

FABRICATION

MANUFACTURER'S NAMEPLATE: DO NOT PROVIDE PRODUCTS THAT HAVE MANUFACTURER'S NAME OR TRADE NAME DISPLAYED IN A VISIBLE LOCATION.

CONCEALED FASTENERS: FOR DOOR HARDWARE UNITS THAT ARE EXPOSED WHEN DOOR IS CLOSED, EXCEPT FOR UNITS ALREADY SPECIFIED WITH CONCEALED FASTENERS. DO NOT USE THROUGH BOLTS FOR INSTALLATION WHERE BOLT HEAD OR NUT ON OPPOSITE FACE IS EXPOSED UNLESS IT IS THE ONLY MEANS OF SECURELY ATTACHING THE DOOR HARDWARE.

DOOR HARDWARE SCHEDULE

STORAGE DOOR
- MONROE HEAVY DUTY PIANO HINGES NO HD18730072 - .187 IN GA, 3" OPEN WIDTH
- (2) DEADLOCK: BEST ACCESS 48H-L-SH
- CORES: INCLUDE CONSTRUCITON CORES, PERMANENT CORES BY OWNER
- OVERHEAD STOP/HOLDER, CONCEALED: GLYNN-JOHNSON: 104S
- THRESHOLD: PEMKO 252X5_FG THERMAL BARRIER THRESHOLD
- FLUSH FINGER PULL
- GASKETING: PEMKO TYPE 319N HEAD AND JAMB GASKETING
- ACCESS HATCH: MAXAM METAL PRODUCTS

WASHROOM DOOR
- HINGES: MONROE HEAVY DUTY PIANO HINGES NO HD18730072 - .187 IN GA, 3" OPEN WIDTH
- GRASPABLE PULL: ROCKWOOD MEGATEK RM3301
- DEADLOCK: BEST ACCESS 48H-K-SH
- CORES: INCLUDE CONSTRUCITON CORES, PERMANENT CORES BY OWNER
- MAG LOCK: OWNERS STANDARD WITH KEY SWITCH
- AUTOMATIC OPERATOR: ALLEGION CONCEALED OVERHEAD OPERATOR - 2610 SERIES
- ACTUATOR: ALLEGION 1 1./2" X 4 3/4" TOUCHLESS FLUSH MOUNTED - 8310-8105
- ELECTRIC STRIKE: DORMAKABA: 0162_24VDC/11-16VAC
- OVERHEAD STOP/HOLDER, CONCEALED: GLYNN-JOHNSON: 104S
- POWER SUPPLY: VON DUPRIN: PS902_900-BBK_900-KL
- CONTROLLER: SCHLAGE: CTE-MT11-485-B
- THRESHOLD: PEMKO 252X5_FG THERMAL BARRIER THRESHOLD
- GASKETING: PEMKO TYPE 319N HEAD AND JAMB GASKETING

DOOR HARDWARE SCHEDULE
- DARK BRONZE ANODIZED, IF NOT AVALIABLE USE BLACK

099000 PAINTING AND COATING

SUMMARY

PAINT EXPOSED EXTERIOR AND INTERIOR SUBSTRATES, EXCEPT WHERE SCHEDULES INDICATE THAT A SURFACE OR MATERIAL IS NOT TO BE PAINTED OR IS TO REMAIN NATURAL. IF SCHEDULES DO NOT SPECIFICALLY MENTION AN ITEM OR A SURFACE, PAINT THE ITEM OR SURFACE THE SAME AS SIMILAR ADJACENT MATERIALS OR SURFACES WHETHER OR NOT SCHEDULES INDICATE COLORS. IF SCHEDULES DO NOT INDICATE COLOR OR FINISH, THE ARCHITECT WILL SELECT FROM STANDARD COLORS AND FINISHES AVAILABLE.

DO NOT PAINT PREFINISHED ITEMS, INTEGRALLY FINISHED SYSTEMS, FINISHED METAL SURFACES, OPERATING PARTS, AND LABELS, UNLESS OTHERWISE INDICATED.
- PREFINISHED ITEMS INCLUDE THE FOLLOWING SHOP- OR FACTORY-FINISHED COMPONENTS:
  - FINISHED SPECIALTY EQUIPMENT AND FURNISHINGS.
  - FINISHED MECHANICAL AND ELECTRICAL EQUIPMENT.
  - LIGHTING FIXTURES.
- FINISHED METAL SURFACES INCLUDE THE FOLLOWING:
  - STAINLESS STEEL.
  - WEATHERING STEEL
  - BRONZE AND BRASS.

DEFINITIONS
- GLOSS LEVEL 1 (FLAT): NOT MORE THAN 5 UNITS AT 60 DEGREES AND 10 UNITS AT 85 DEGREES, ACCORDING TO ASTM D 523.
- GLOSS LEVEL 3 (EGGSHELL): 10 TO 25 UNITS AT 60 DEGREES AND 10 TO 35 UNITS AT 85 DEGREES, ACCORDING TO ASTM D 523.
- GLOSS LEVEL 5 (SEMI-GLOSS): 35 TO 70 UNITS AT 60 DEGREES, ACCORDING TO ASTM D 523.
- GLOSS LEVEL 6 (GLOSS): 70 TO 85 UNITS AT 60 DEGREES, ACCORDING TO ASTM D 523.

FIELD CONDITIONS

APPLY PAINTS ONLY WHEN TEMPERATURE OF SURFACES TO BE PAINTED AND AMBIENT AIR TEMPERATURES ARE BETWEEN 50 AND 95 DEG F (10 AND 35 DEG C).

DO NOT APPLY PAINTS IN SNOW, RAIN, FOG, OR MIST; WHEN RELATIVE HUMIDITY EXCEEDS 85 PERCENT; AT TEMPERATURES LESS THAN 5 DEG F (3 DEG C) ABOVE THE DEW POINT; OR TO DAMP OR WET SURFACES.

PAINT, GENERAL

MATERIAL QUALITY: UNLESS OTHERWISE INDICATED, PROVIDE MANUFACTURER'S BEST-QUALITY PAINT MATERIAL FOR EACH COATING TYPE.

MATERIAL COMPATIBILITY:
- PROVIDE MATERIALS FOR USE WITHIN EACH PAINT SYSTEM THAT ARE COMPATIBLE WITH ONE ANOTHER AND SUBSTRATES INDICATED, UNDER CONDITIONS OF SERVICE AND APPLICATION AS DEMONSTRATED BY MANUFACTURER, BASED ON TESTING AND FIELD EXPERIENCE.
- FOR EACH COAT IN A PAINT SYSTEM, PROVIDE PRODUCTS RECOMMENDED IN WRITING BY MANUFACTURERS OF TOPCOAT FOR USE IN PAINT SYSTEM AND ON SUBSTRATE INDICATED.

VOC CONTENT: PRODUCTS SHALL COMPLY WITH VOC LIMITS OF AUTHORITIES HAVING JURISDICTION AND, FOR INTERIOR COATINGS APPLIED AT PROJECT SITE, THE FOLLOWING VOC LIMITS, EXCLUSIVE OF COLORANTS ADDED TO A TINT BASE, WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
- NONFLAT PAINTS AND COATINGS: 150 G/L.
- PRIMERS, SEALERS, AND UNDERCOATERS: 200 G/L.
- ANTI-CORROSIVE AND ANTI-RUST PAINTS APPLIED TO FERROUS METALS: 250 G/L. D.

PREPARATION

COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS IN "MPI MANUAL" APPLICABLE TO SUBSTRATES AND PAINT SYSTEMS INDICATED.

REMOVE HARDWARE, COVERS, PLATES, AND SIMILAR ITEMS ALREADY IN PLACE THAT ARE REMOVABLE AND ARE NOT TO BE PAINTED. IF REMOVAL IS IMPRACTICAL OR IMPOSSIBLE BECAUSE OF SIZE OR WEIGHT OF ITEM, PROVIDE SURFACE-APPLIED PROTECTION BEFORE SURFACE PREPARATION AND PAINTING.
- AFTER COMPLETING PAINTING OPERATIONS, USE WORKERS SKILLED IN THE TRADES INVOLVED TO REINSTALL ITEMS THAT WERE REMOVED. REMOVE SURFACE-APPLIED PROTECTION.

CLEAN SUBSTRATES OF SUBSTANCES THAT COULD IMPAIR BOND OF PAINTS, INCLUDING DUST, DIRT, OIL, GREASE, AND INCOMPATIBLE PAINTS AND ENCAPSULANTS.
- REMOVE INCOMPATIBLE PRIMERS AND REPRIME SUBSTRATE WITH COMPATIBLE PRIMERS OR APPLY TIE COAT AS REQUIRED TO PRODUCE PAINT SYSTEMS INDICATED.

CONCRETE SUBSTRATES: REMOVE RELEASE AGENTS, CURING COMPOUNDS, EFFLORESCENCE, AND CHALK. DO NOT COAT SURFACES IF MOISTURE CONTENT OR ALKALINITY OF SURFACES TO BE COATED EXCEEDS THAT PERMITTED IN MANUFACTURER'S WRITTEN INSTRUCTIONS.

STEEL SUBSTRATES: REMOVE RUST, LOOSE MILL SCALE, AND SHOP PRIMER IF ANY. CLEAN USING METHODS RECOMMENDED IN WRITING BY PAINT MANUFACTURER BUT NOT LESS THAN SSPC-SP 6/NACE NO. 3 "COMMERCIAL BLAST CLEANING."

SHOP-PRIMED STEEL SUBSTRATES: CLEAN FIELD WELDS, BOLTED CONNECTIONS, AND ABRADED AREAS OF SHOP PAINT, AND PAINT EXPOSED AREAS WITH THE SAME MATERIAL AS USED FOR SHOP PRIMING TO COMPLY WITH SSPC-PA 1 FOR TOUCHING UP SHOP-PRIMED SURFACES.
- THE MAXIMUM TIME BETWEEN FINAL SURFACE PREPARATION AND PRIME COAT APPLICATION INSIDE THE FABRICATION SHOP SHALL BE 24 HOURS. STRUCTURAL STEEL SUBJECTED TO OUTDOOR EXPOSURE AFTER FINAL SURFACE PREPARATION SHALL BE PRIME COATED WITHIN 10 HOURS.
- ALL COATS OF THE COATING SYSTEM SHALL BE SHOP APPLIED.

GALVANIZED-METAL SUBSTRATES: REMOVE GREASE AND OIL RESIDUE FROM GALVANIZED SHEET METAL BY MECHANICAL METHODS TO PRODUCE CLEAN, LIGHTLY ETCHED SURFACES THAT PROMOTE ADHESION OF SUBSEQUENTLY APPLIED PAINTS.

PAINTING & COATING SCHEDULE

CONCRETE SUBSTRATES EXCEPT FLR:
- ANTI-GRAFFITI COATING: 'FAGEAL OLEO HD' PRODUCT FROM KEIM MINERAL COATINGS (OR PRE-APPROVED NON-SLIP GRAFFITI BARRIER) AS PER MANUFACTURER'S SPECIFICATION. APPLY TWO COATS.

GALV STEEL ITEMS FABRICATED FROM SHAPES AND PLATES:
- THREE COAT BUILD UP SOURCEDFROM A SINGLE MANUFACTURER TO MPI EXT 5.1G.
- 1ST COAT ZINC RICH PRIMER
  - DRY FILM THICKNESS: 3.0 MIL
- 2ND COAT HIGH BUILD EPOXY
  - DRY FILMTHICKNESS: 6.0 MIL
- 3RD AND 4TH COAT POLYURETHANE PIGMENT
  1. DRY FILMTHICKNESS: 2.0 MIL(EACH COAT)

099000 PAINTING AND COATING , CONT.

POWDER-COAT FINISH FOR ALUMINUM EXTRUDED ITEMS AAMA 2605:
1. PRIMER: ZINC CHROMATE, DRY FILM THICKNESS, 0.75 MIL MINIMUM
2. POWDER COATING: POLYESTER, DRY FILM THICKNESS: ASTM D 1400: 2.0MIL, MINIMUM
3. THICKNESS.
   - PENCIL HARDNESS, ASTM D 3363: F, MINIMUM.
   - SALT SPRAY RESISTANCE, ASTM G 85: 2,000 HOURS.
   - HUMIDITY RESISTANCE, ASTM D 2247: 4,000 HOURS.
4. COLORS:
   - BASE: TBD FROM MANUFACTURERS SAMPLES
   - CLEAR: CHRYSTAL CLEAR COAT PFC 400 S9 (AXALTA)

SECTION 102813 - TOILET ACCESSORIES

MATERIALS

STAINLESS STEEL: ASTM A 666, TYPE 304, 0.031-INCH (0.8-MM) MINIMUM NOMINAL THICKNESS UNLESS OTHERWISE INDICATED.

GALVANIZED-STEEL MOUNTING DEVICES: ASTM A 153/A 153M, HOT-DIP GALVANIZED AFTER FABRICATION.

FASTENERS: SCREWS, BOLTS, AND OTHER DEVICES OF SAME MATERIAL AS ACCESSORY UNIT AND TAMPER-AND-THEFT RESISTANT WHERE EXPOSED, AND OF GALVANIZED STEEL WHERE CONCEALED.

ACCESSORIES

TOILET TISSUE DISPENSOR (TTD):
- BY OWNER

SANITARY NAPKIN RECEPTACLE (SNR):
- BY OWNER

SANITARY NAPKIN DISPENSOR (SND):
- BY OWNER

BABY CHANGING STATION (BCS):
- BASIS-OF-DESIGN PRODUCT: KOALA KARE KB110-SSRE
- DESCRIPTION: HORIZONTAL BABY CHANGING STATION.
- MOUNTING: RECESSED MOUNTED.
- MATERIAL AND FINISH: STAINLESS STEEL, TYPE 204 SATIN STAINLESS STEEL.

GRAB BAR:
- BASIS-OF-DESIGN PRODUCT: GRAB BARS CANADA GBC-102 & GBC-307.
- MOUNTING: FLANGES WITH CONCEALED FASTENERS.
- MATERIAL: STAINLESS STEEL, 0.05 INCH (1.3 MM) THICK.
  - FINISH: KNURLED, NO. 4 FINISH (SATIN).
- OUTSIDE DIAMETER: 1-1/4 INCHES (38 MM).
- CONFIGURATION AND LENGTH: AS INDICATED ON DRAWINGS.

ROBE HOOK:
- BASIS-OF-DESIGN PRODUCT: BOBRICK; B-233.
- DESCRIPTION: SINGLE-PRONG UNIT; ALL-WELDED CONSTRUCTION; WITH 1-1/4-INCH (30-MM) SQUARE METAL PLATE WELDED TO ONE-PIECE BENT METAL MOUNTING STRAP WITH PREDRILLED HOLES FOR SURFACE MOUNTING.
- MATERIAL AND FINISH: STAINLESS STEEL, NO. 4 FINISH (SATIN).

SHELVE:
- DESCRIPTION: 400MM X 200MM X 1.2MM SHELF WITH HEMMED FRONT EDGE
- MATERIAL AND FINISH: STAINLESS STEEL, TYPE 304.

SOAP DISPENSER:
- BASIS-OF-DESIGN PRODUCT: STERN ENGINEERING EXTREME CS DPE AISI316 - 237890-316
- DESCRIPTION: WALL-MOUNTED TOUCHLESS ELECTRONIC SOAP DISPENSOR FOR NON-PROPRIETARY SOAP FOR HIGH TRAFFIC LOCATIONS AND WITH ADJUSTABLE SOAP DOSAGE.
- MATERIAL AND FINISH: STAINLESS STEEL, AISI316.

HAND DRYER:
- BASIS-OF-DESIGN PRODUCT: STERN ENGINEERING EXTREME CS DPE AISI316 - 237890-316
- DESCRIPTION: ELECTRONIC WALL MOUNTED HAND DRYER OPERATED BY IR SENSOR.
- MATERIAL AND FINISH: STAINLESS STEEL, AISI316.

INSTALLATION

GRAB BARS: INSTALL TO WITHSTAND A DOWNWARD LOAD OF AT LEAST 1300 N, WHEN APPLIED VERTICALLY OR HORIZONTALLY.

MECHANICAL NOTES:

DESIGN STANDARDS

SEE M-SERIES

PLUMBING FIXTURES:

TOILET: ACORN #1675-W-1HET-FVBO-HS "PENAL-WARE" BLOWOUT JET TOILET OFF-FLOOR, 14 GAUGE, 304 STAINLESS STEEL, SATIN FINISH, 1.28 GPF. HINGED SEAT OPTION THAT COMES WITH THE TOILET, OPEN FRONT LESS COVER, FROST MODEL 1028 TOILET BACKREST STEEL, ADA.

WASHBASIN: FRANKE HEAVY-DUTY HDTX455 - 2000100058 - STAINLESS-STEEL W/ RECESSED TRAP MOUNTING

FAUCET: STERN ENGINEERING EXTREME CS DPE AISI316 - 237803-316 - WALL-MOUNTED

HOSE BIB: SEE M-SERIES

ELECTRICAL NOTES:

DESIGN STANDARDS

SEE E-SERIES

LIGHTING: TBD

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SPECIFICATIONS

JIM PROJECT NO. 052

SCALE:

DRAWN BY: JFH

CHECKED BY: -

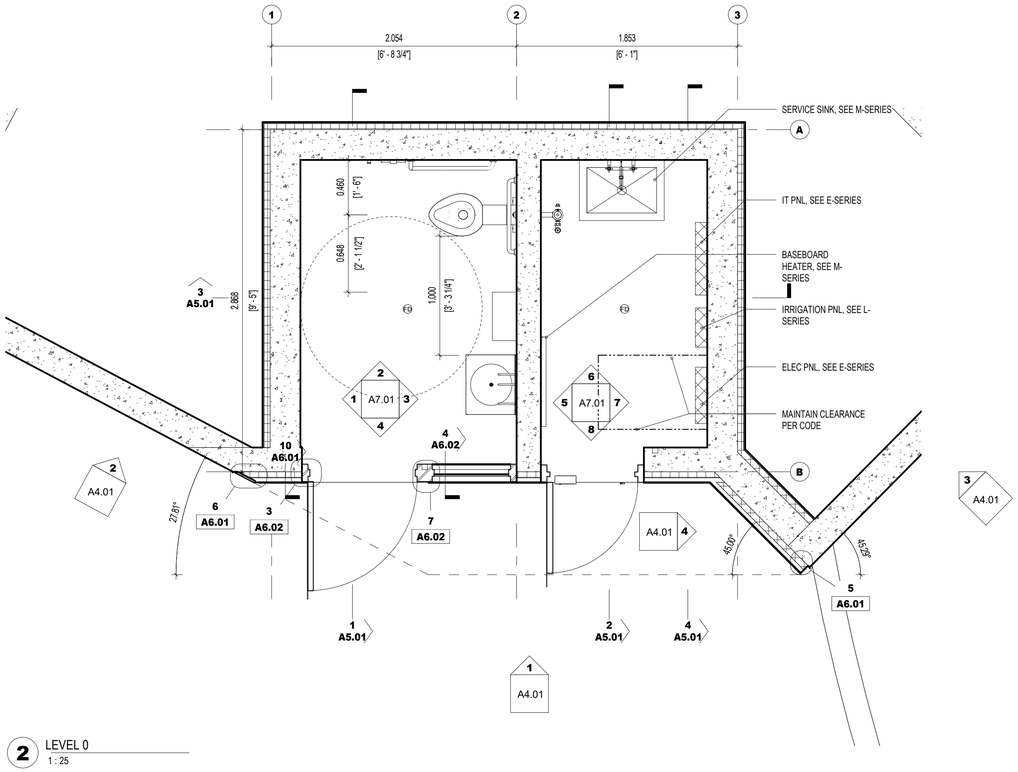
DATE: 03/15/21

REVISIONS:

△	DATE	DESCRIPTION

G2.02

ISSUED FOR RFP



2 LEVEL 0
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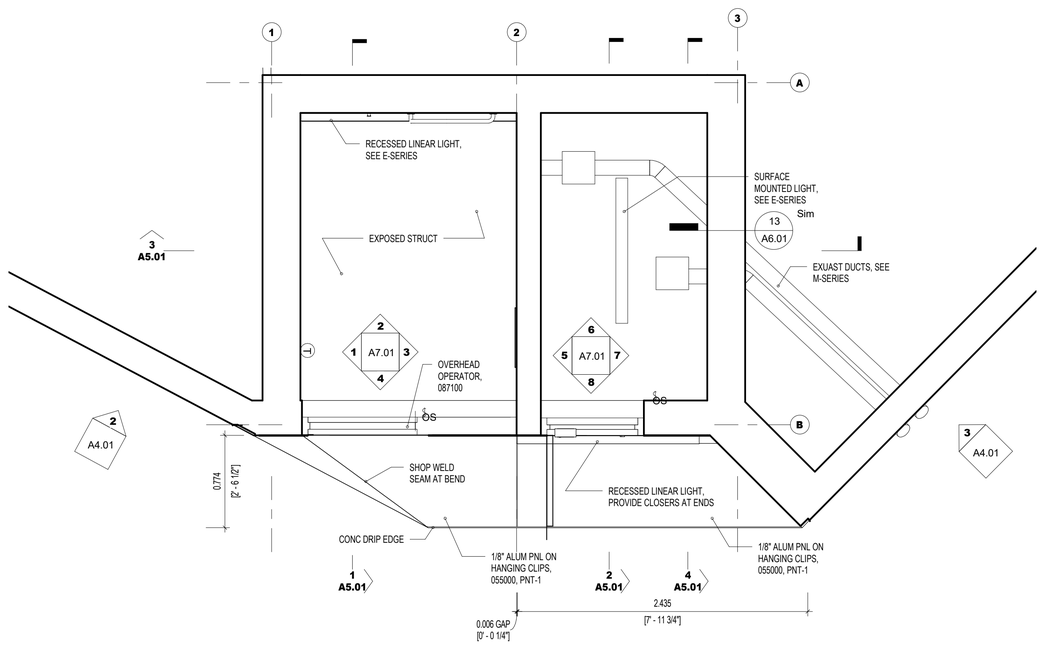

1 L0 - RCP
1 : 25

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PLANS

JIM PROJECT NO. 052

SCALE:	1 : 25
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REVISIONS:

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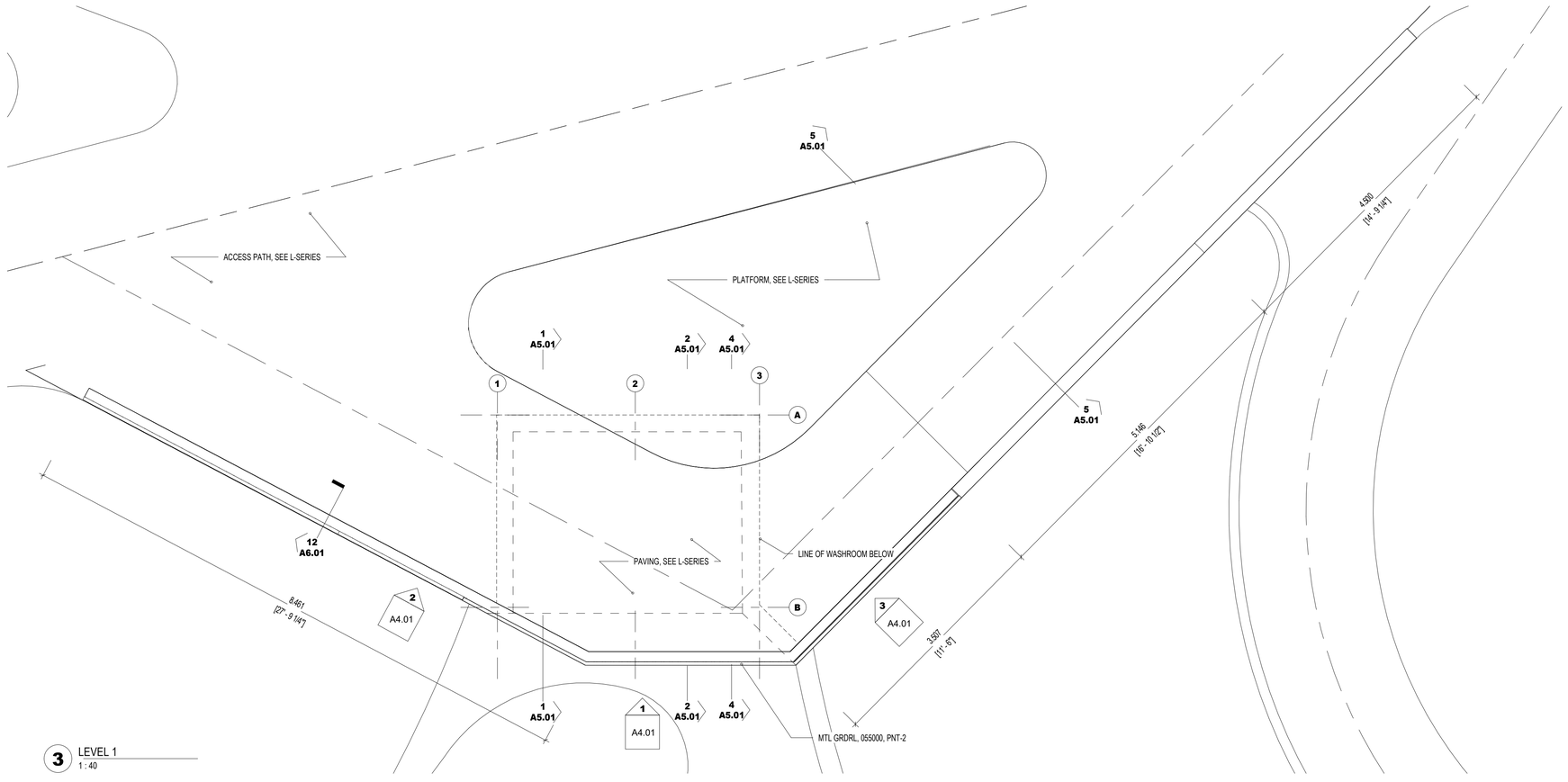

3 LEVEL 1
1 : 40

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PLANS

JIM PROJECT NO. 052

SCALE:	1 : 40
DRAWN BY:	JFH
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REVISIONS:

△	DATE	DESCRIPTION

A2.02

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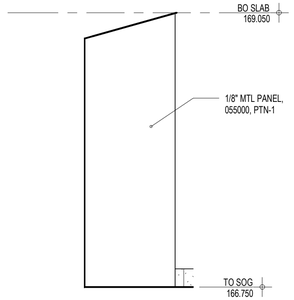
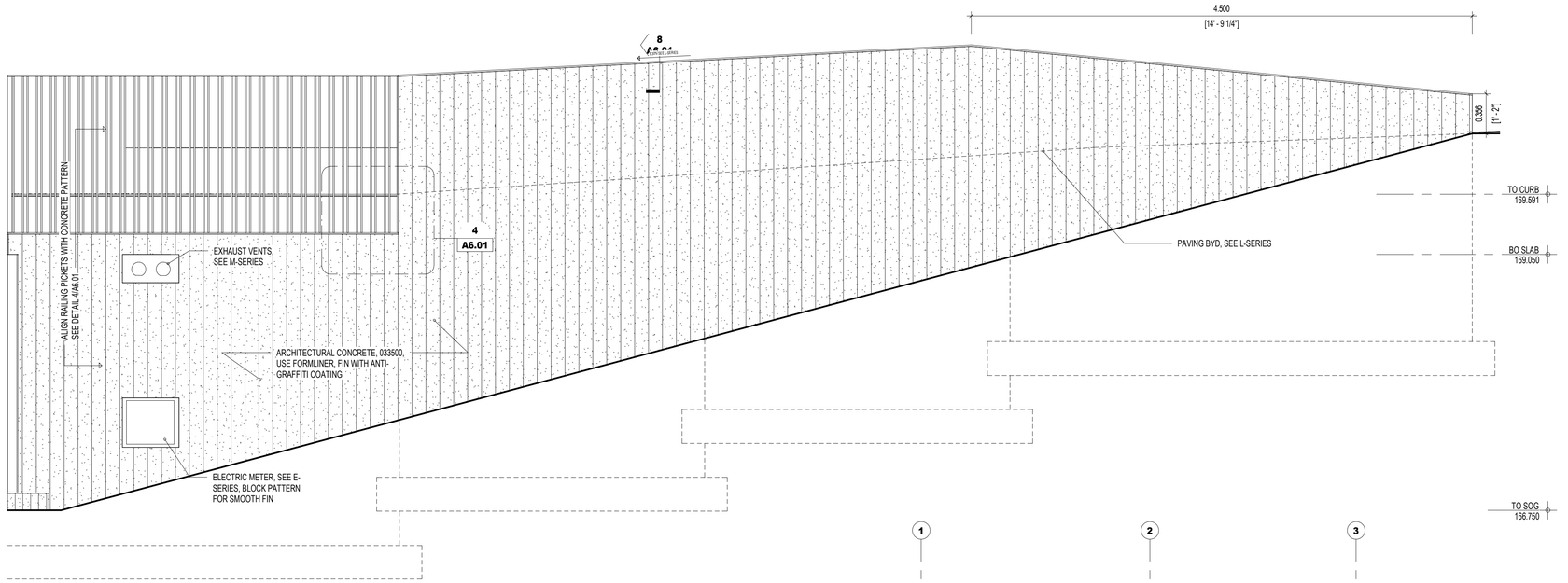
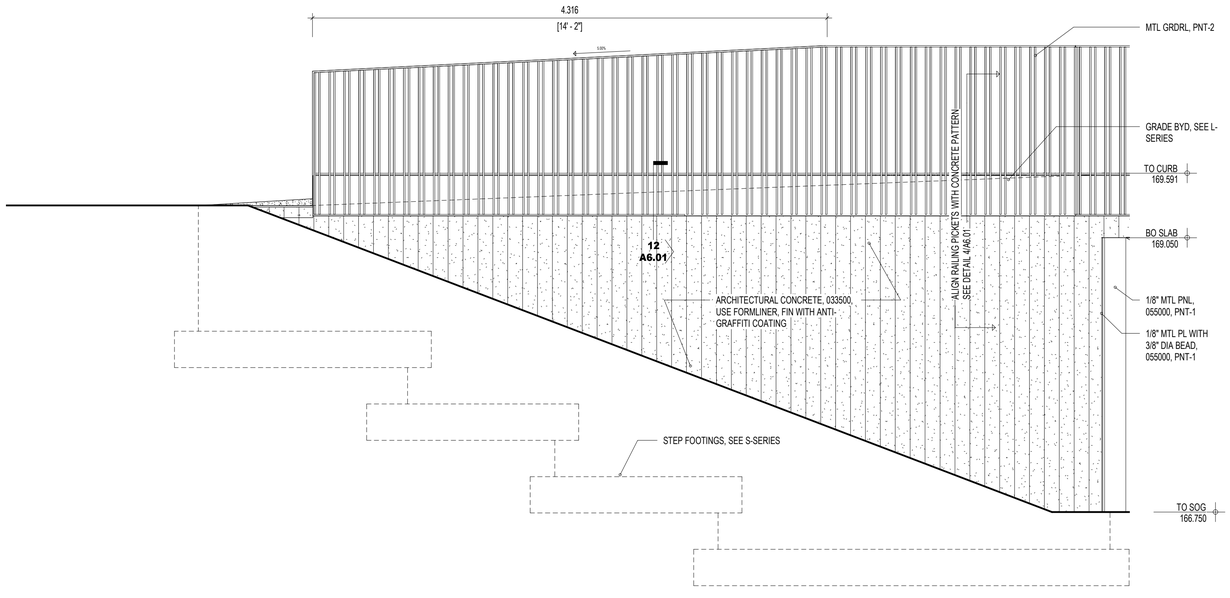


4 ELEVATION - W
1 : 25



3 ELEVATION - SE
1 : 25



2 ELEVATION - SW
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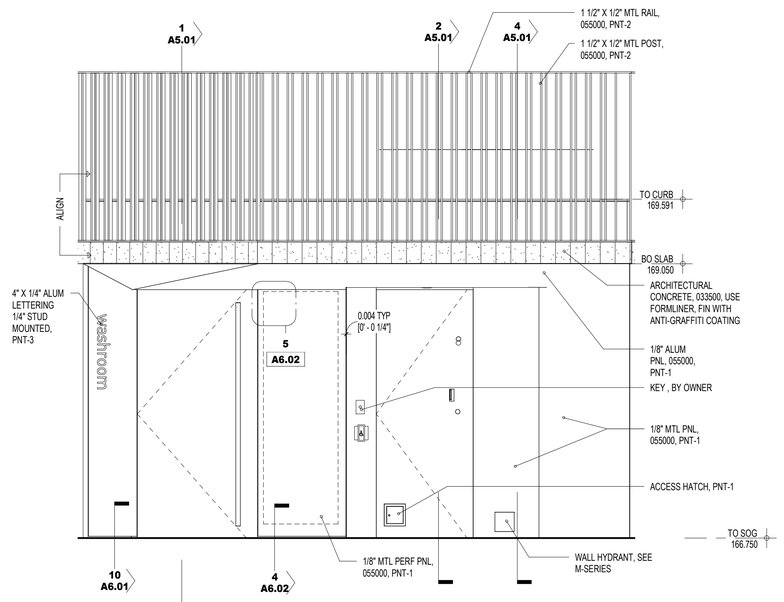

1 ELEVATION - S
1 : 25

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ELEVATIONS

JIM PROJECT NO. 052

SCALE:	1 : 25
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REVISIONS:

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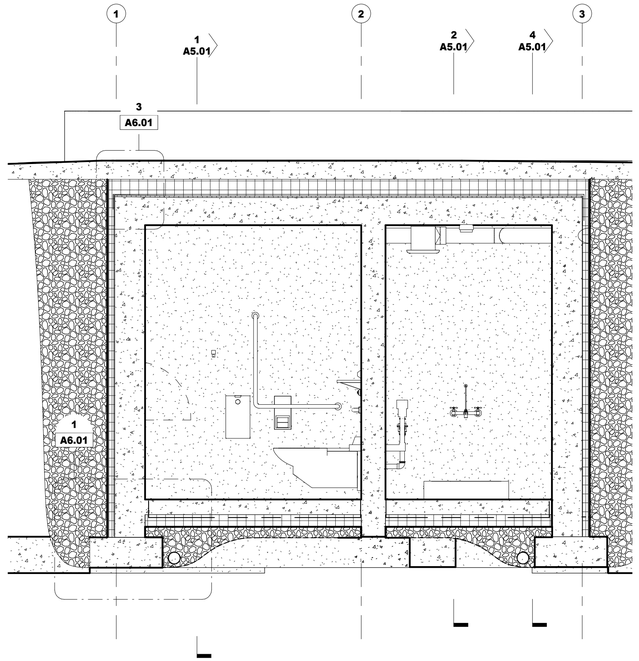

3 BUILDING SECTION C
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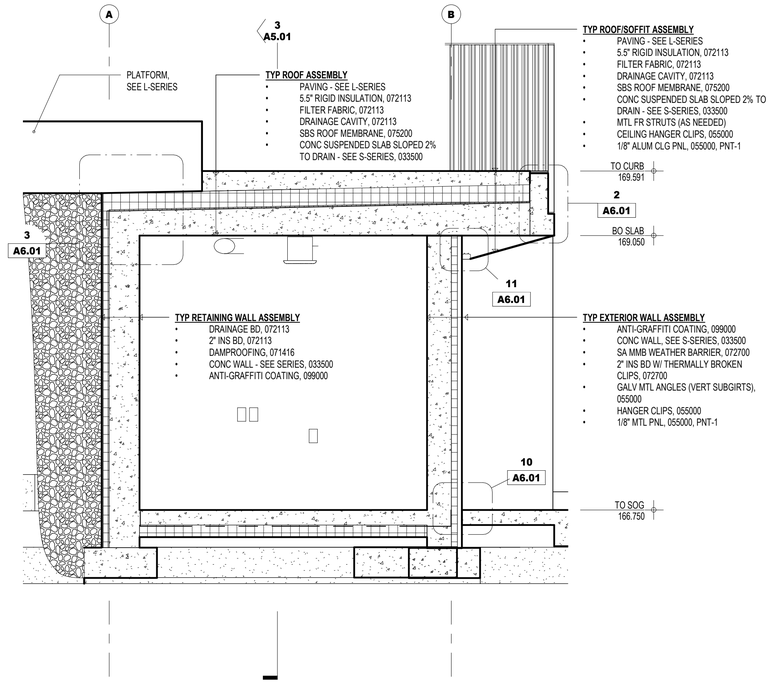

4 BUILDING SECTION D
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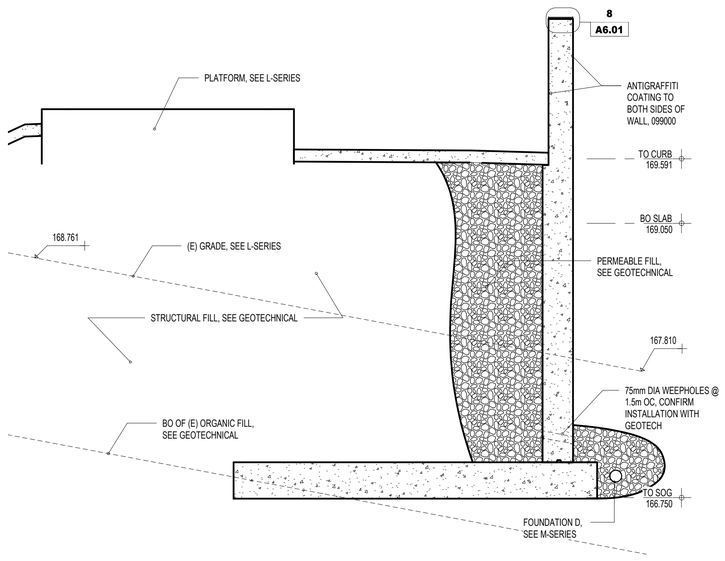

5 BUILDING SECTION E
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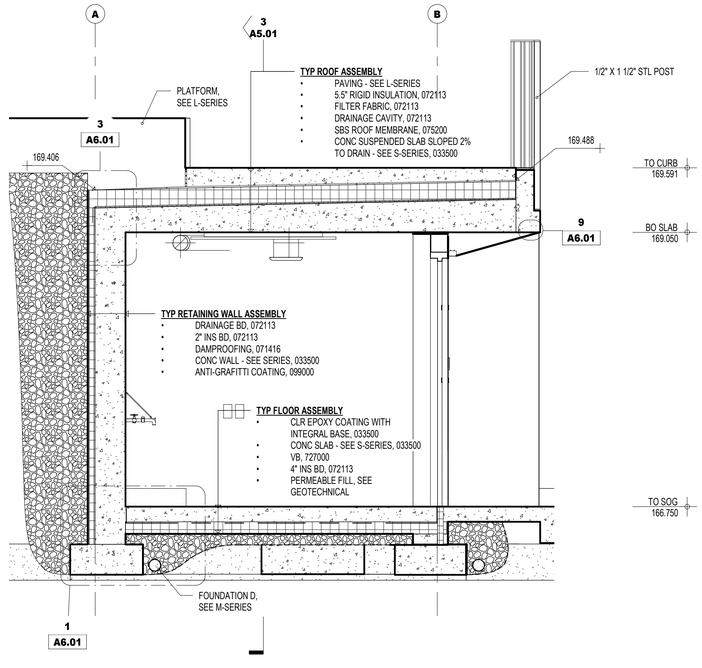
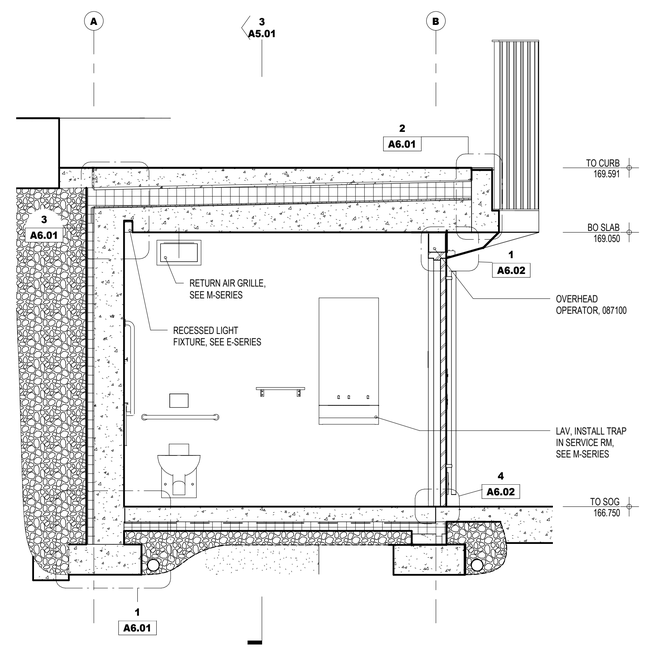


2 BUILDING SECTION B
1 : 25



1 BUILDING SECTION A
1 : 25

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SECTIONS

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SCALE:	1 : 25
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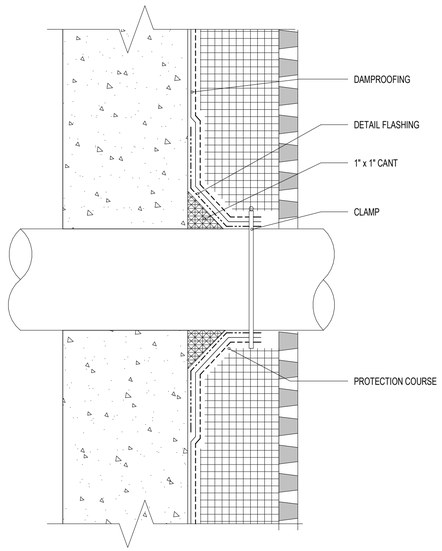
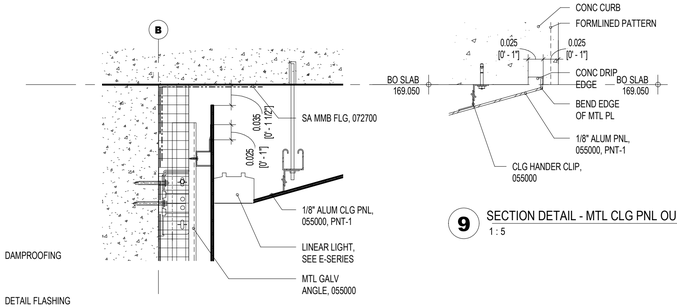
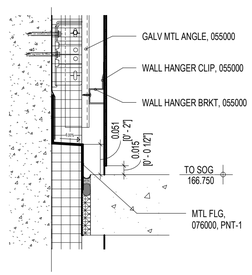


13 SECTION DETAIL - WALL PENETRATION
1 : 2

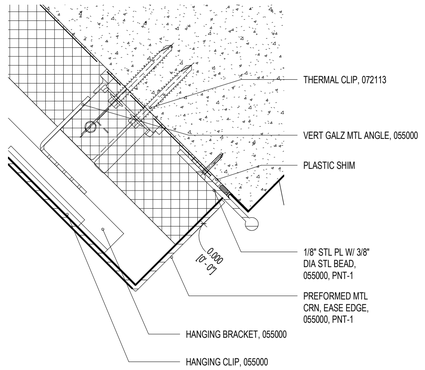


11 SECTION DETAIL - TOP OF MTL PNL
1 : 5

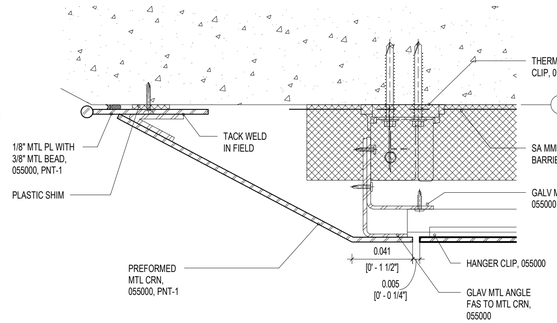


10 SECTION DETAIL - MTL PNL BASE
1 : 5

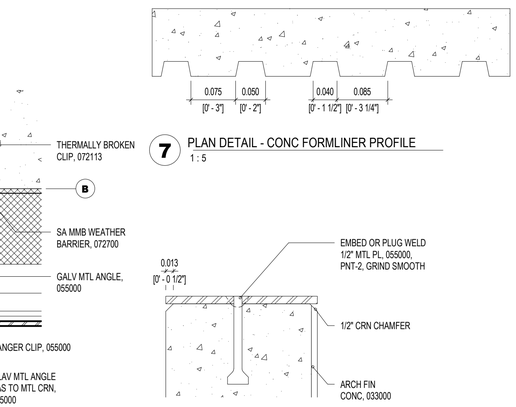
9 SECTION DETAIL - MTL CLG PNL OUTSIDE CRN
1 : 5



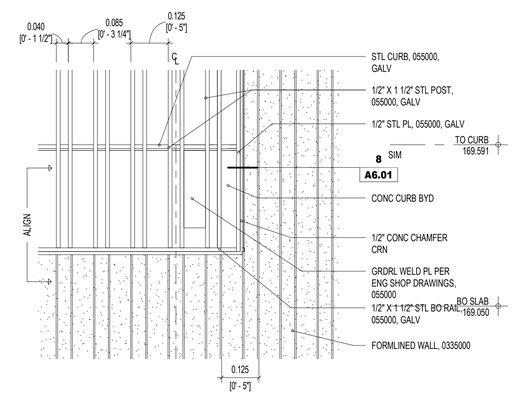
5 PLAN DETAIL - MTL CRN DETAIL 2
1 : 2



6 PLAN DETAIL - MTL CRN DETAIL 1
1 : 2

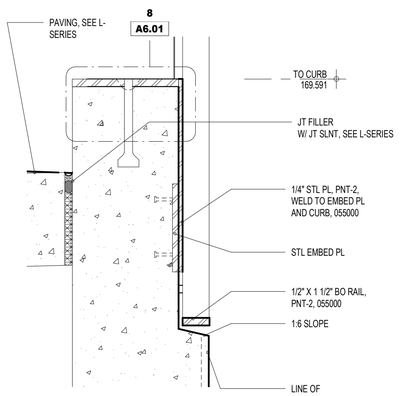


7 PLAN DETAIL - CONC FORMLINER PROFILE
1 : 5

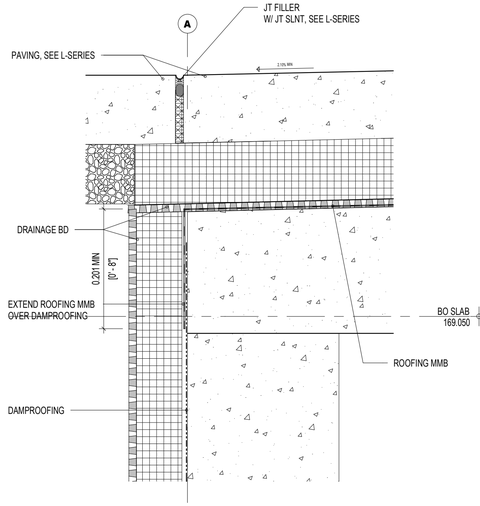


4 DETAIL ELEVATION - CONC WALL TO GRDRL
1 : 10

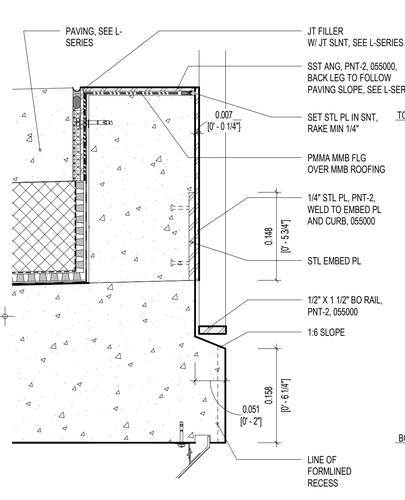
8 SECTION DETAIL - TOP OF CONC GRDRL
1 : 5



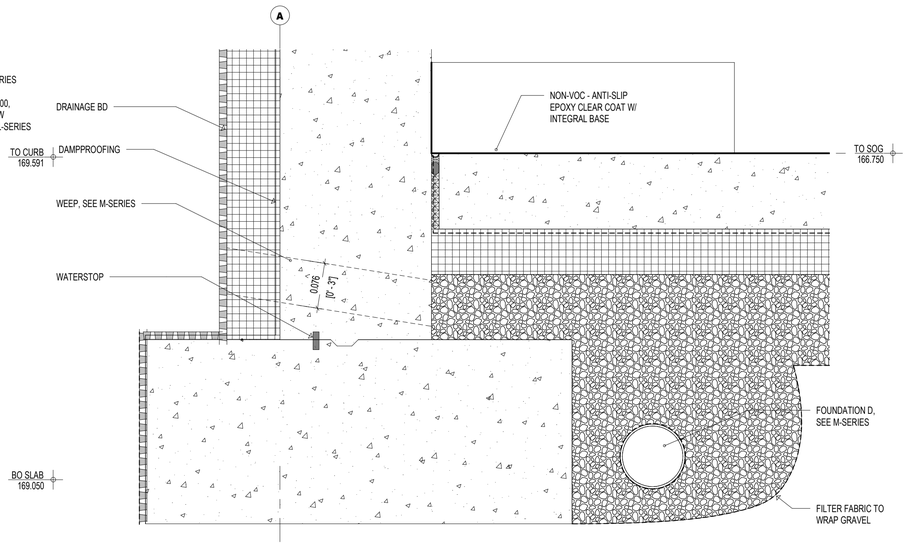
12 SECTION DETAIL - CURB AT RETAINING WALL
1 : 5



3 SECTION DETAIL - ROOF TO RETAINING WALL
1 : 5



2 SECTION DETAIL - ROOF TO WALL JT
1 : 5



1 SECTION DETAIL - TYP FOOTING
1 : 5

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EXTERIOR DETAILS

JIM PROJECT NO. 052

SCALE:	As indicated
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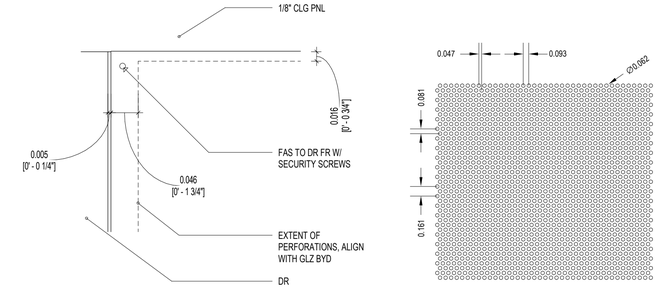
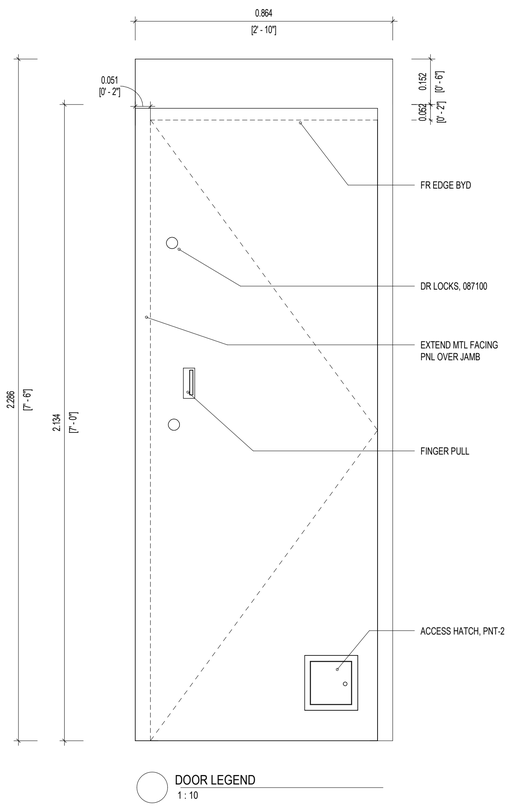
△	DATE	DESCRIPTION

A6.01

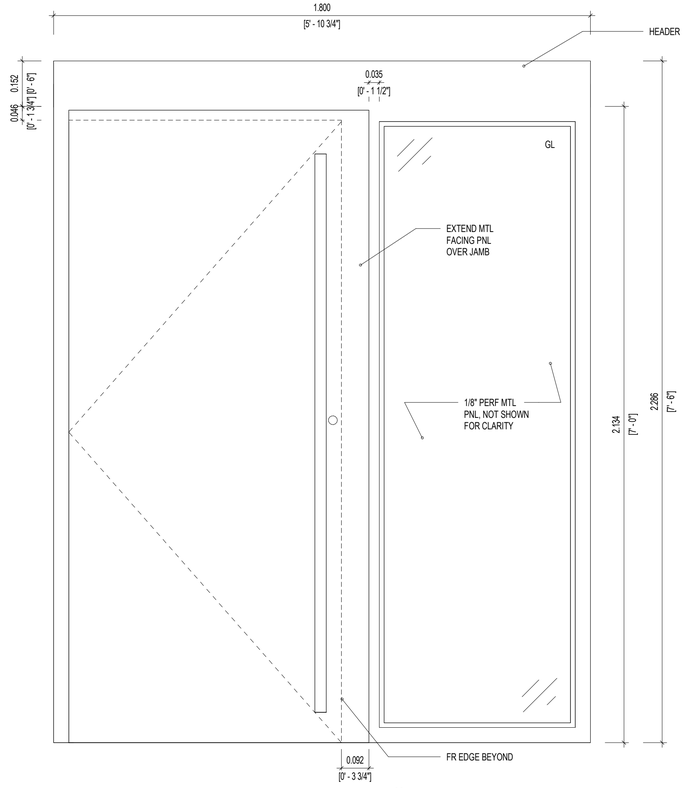
ISSUED FOR RFP

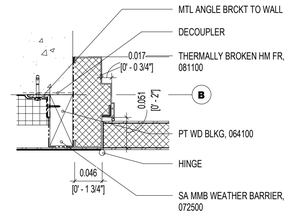


5 ELEVATION DETAIL - EXT PERFORATED PNL (INT SIM)
1 : 5

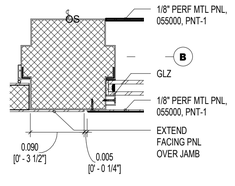


DOOR LEGEND
1 : 10

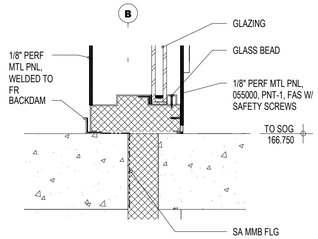




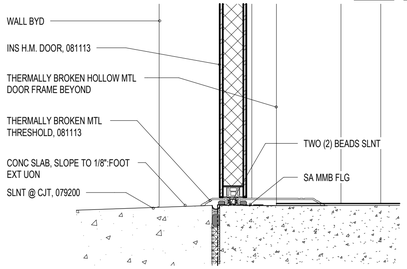
3 PLAN DETAIL - JAMB
1 : 5



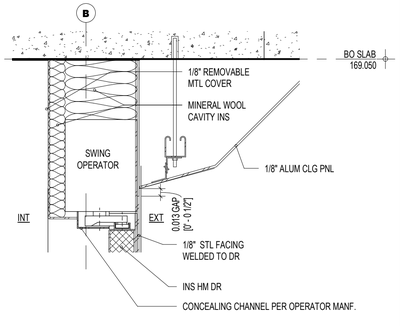
7 PLAN DETAIL - DR TO WDW MULLION
1 : 5



4 SECTION DETAIL - WDW SILL
1 : 5



2 SECTION DETAIL - DOOR TRESHOLD
1 : 5



1 SECTION DETAIL - DR HEAD
1 : 5

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Sheffield Park

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Coquitlam, BC

EXTERIOR DETAILS

JIM PROJECT NO. 052

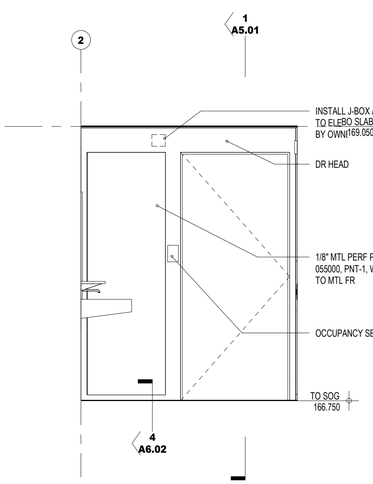
SCALE:	As indicated
DRAWN BY:	JFH
CHECKED BY:	-
DATE:	02/22/21

REVISIONS:

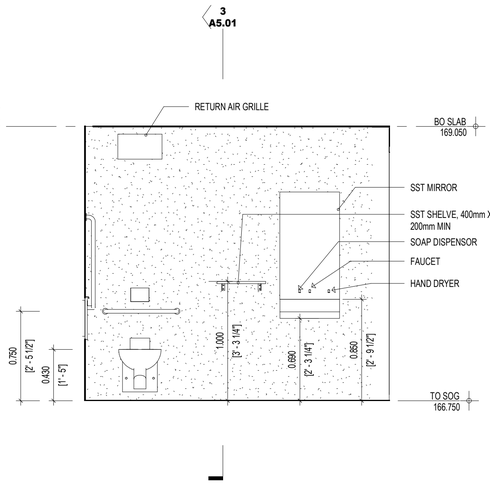
△	DATE	DESCRIPTION

A6.02

ISSUED FOR RFP



4 WASHROOM - S
1 : 25



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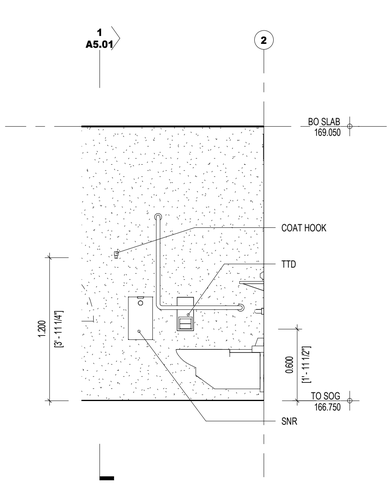
1 : 25



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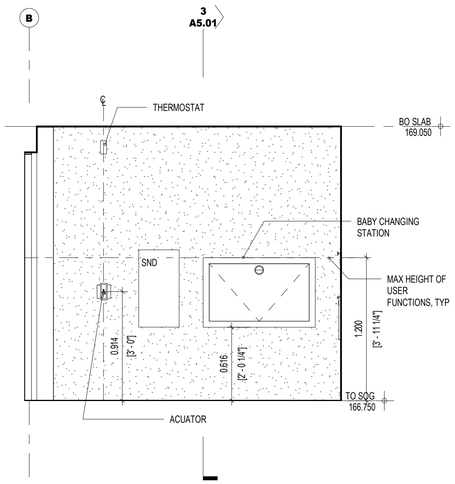
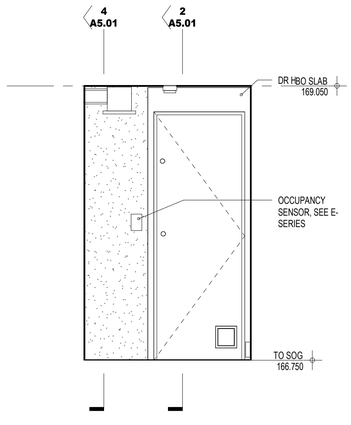
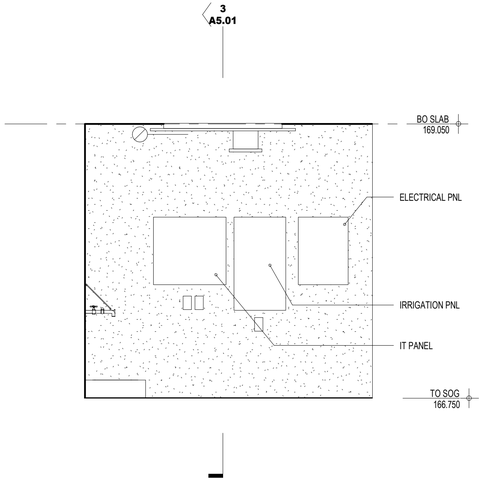
1 : 25



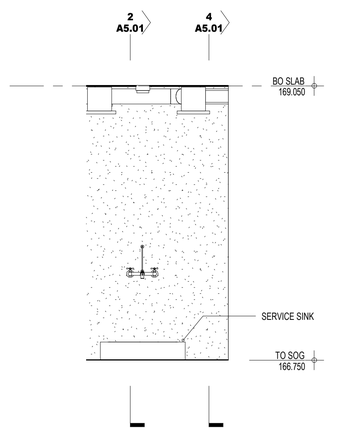
1 WASHROOM - W
1 : 25



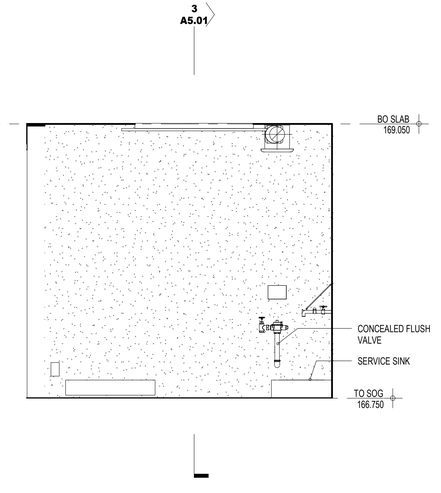
8 SERVICE - S
1 : 25



7 SERVICE - E
1 : 25



6 SERVICE - N
1 : 25



5 SERVICE - W
1 : 25

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INTERIOR ELEVATIONS

JIM PROJECT NO. 052

SCALE:	1 : 25
DRAWN BY:	JFH
CHECKED BY:	-
DATE:	01/10/21

REVISIONS:

△	DATE	DESCRIPTION

A7.01

ISSUED FOR RFP