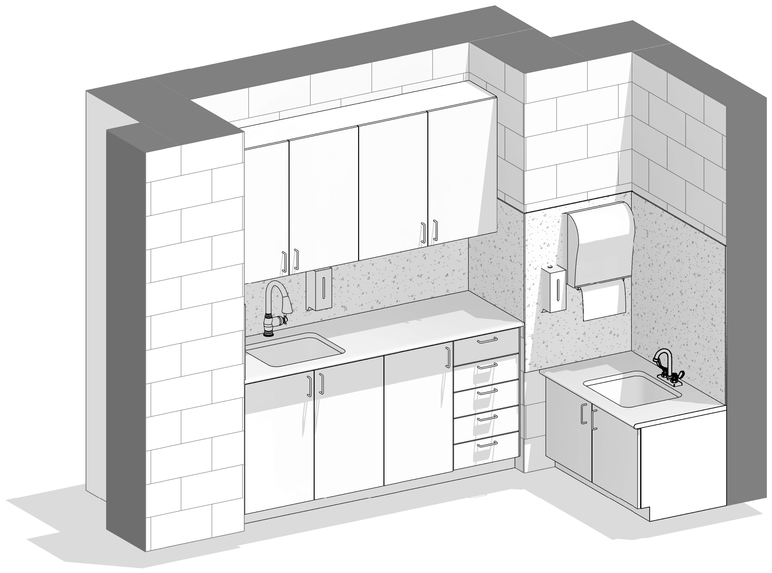

KITCHENETTE DESIGN

8141 MARTIN GROVE RD
VAUGHAN, ON
L4L 3W9

PROJECT	**24016**
STATUS	**ISSUED FOR TENDER R1**
DATE	**2024-12-09**
CLIENT	**CITY OF VAUGHAN**

DRAWING LIST

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FILE NAME X:\Organica Projects\2024\24016 - 8141 Martin Grove Rd. - Father & Author C.C\Revit Model\2024-12-09 - 8141 Martin Grove Rev.rvt
PLOT DATE 2024-12-09 12:47:21 PM

ARCHITECTURAL / INTERIOR ABBREVIATIONS

AC	- AIR CONDITIONING
ACT	- ACOUSTIC CEILING TILE
ACP	- ALUMINUM COMPOSITE PANEL
ADD	- ADDITIONAL
ADJ	- ADJUSTABLE
AEC	- ARCHITECTURALLY EXPOSED CONCRETE
AFF	- ABOVE FINISH FLOOR
ALT	- ALTERNATE
AL	- ALUMINUM
APPD	- APPROVED
APPROX	- APPROXIMATE
ARCH	- ARCHITECTURAL
AV	- AUDIO VISUAL
BLDG	- BUILDING
BSMT	- BASEMENT
CER	- CERAMIC
CG	- CORNER GUARD
CH	- CONCRETE HARDENER
CL	- CENTER LINE
CLOS	- CLOSET
CLG	- CEILING
CLR	- CLEAR
COL	- COLUMN
CONC	- CONCRETE
COND	- CONDITION
CONT	- CONTINUOUS
CPT	- CARPET TILE
CS	- CONCRETE SEALER
CT	- CERAMIC TILE
CTR	- CENTER
C/W	- CLAD WITH
DEG	- DEGREE
DEMO	- DEMOLITION
DET	- DETAIL
DIA	- DIAMETER
DIFF	- DIFFUSER
DIM	- DIMENSION
DN	- DOWN
DR	- DOOR
DWG	- DRAWING
E	- EAST
EA	- EACH
ELEV	- ELEVATION
ELEC	- ELECTRICAL
EMERG	- EMERGENCY
EP	- ELECTRICAL PANEL BOARD
EPY	- EPOXY
EQ	- EQUAL
EQUIP	- EQUIPMENT
EXIST	- EXISTING
EXT	- EXTERIOR
FA	- FIRE ALARM
FD	- FLOOR DRAIN
FE	- FIRE EXTINGUISHER
FEC	- FIRE EXTINGUISHER CABINET
FF&E	- FURNITURE, FINISHES & EQUIPMENT
FHC	- FIRE HOSE CABINET
FIN	- FINISH
FIXT	- FIXTURE
FL	- FLOOR
FRCG	- FIRE RATED CERAMIC GLASS
FT	- FEET
FTG	- FOOTING
FURN	- FURNITURE
F.F.	- FINISHED FLOOR
FRP	- FIBERGLASS REINFORCED PANELS
G	- GROUND
GA	- GAUGE / GAGE
GB	- GRAB BAR
GC	- GENERAL CONTRACT(OR)
GL	- GLASS
GWB	- GYPSUM WALLBOARD
H	- HIGH / HEIGHT
HC	- HOLLOW CORE
HM	- HOLLOW METAL (STEEL FRAME)
HOM	- HOMOGENEOUS SHEET FLOORING
HR	- HOUR
HT	- HEIGHT
HVAC	- HEATING, VENTILATING, AIR CONDITIONING
HWT	- HOT WATER TANK
IN	- INCH
INCL	- INCLUDED / INCLUDING
INFO	- INFORMATION
INT	- INTERIOR
JAN	- JANITOR
JC	- JANITOR'S CLOSET
KPL	- KICK PLATE
LAB	- LABORATORY
LAM	- LAMINATE / LAMINATION
LAV	- LAVATORY
LF	- LINEAR FOOT
LKR	- LOCKER
LIN	- LINOLEUM
LN	- LINE
LT	- LIGHT
LVT	- LUXURY VINYL TILE
M	- METER, METRIC
MATL	- MATERIAL
MAX	- MAXIMUM
MBL	- MARBLE
MDF	- MEDIUM DENSITY FIBERBOARD
MEP	- MECHANICAL, ELECTRICAL, PLUMBING
MECH	- MECHANICAL
MEL	- MELAMINE
MET	- METAL
MFR	- MANUFACTURER
MIN	- MINIMUM
MILL	- MILLWORK
MISC	- MISCELLANEOUS
MM	- MILLIMETER
MTD	- MOUNTED
MTG	- MOUNTING
MTL	- METAL
MIRR	- MIRRORED
N	- NORTH
NA	- NOT APPLICABLE
NIC	- NOT IN CONTRACT
NO	- NUMBER
NTS	- NOT TO SCALE
OC	- ON CENTER
OPNG	- OPENING
PARTN	- PARTITION
PBD	- PARTICLEBOARD
PCT	- PORCELAIN CERAMIC TILE
PDF	- POWDER DRIVEN FASTENER
PLAM	- PLASTIC LAMINATE
PLAS	- PLASTER
PLBG	- PLUMBING
PLYWD	- PLYWOOD
PORC	- PORCELAIN
PR	- PAIR
PREFAB	- PREFABRICATED
PROJ	- PROJECT
PT	- PAINT
PTD	- PAINTED
PTN	- PARTITION

QTY	- QUANTITY
(R)	- RELOCATED
RA	- RETURN AIR
RAD	- RADIUS
RB	- RUBBER BASE
RCP	- REFLECTED CEILING PLAN
RECPT	- RECEPTACLE
REC	- RECESSED
REF	- REFERENCE
REFR	- REFRIGERATOR
REL	- RELOCATE
REM	- REMOVABLE
REQ	- REQUIRE / REQUIRED
REV	- REVISION / REVISED
RM	- ROOM
RO	- ROUGH OPENING
RTD	- RATED
S	- SOUTH
SA	- SUPPLY AIR
SAN	- SANITARY
SC	- SOLID CORE
SCHED	- SCHEDULE
SECT	- SECTION
SF	- SQUARE FEET/FOOT
SIM	- SIMILAR
SM	- SQUARE METER (METRIC DOCS)
SPR	- SPRINKLER
SPKR	- SPEAKER
SQ	- SQUARE
SST	- STAINLESS STEEL
STD	- STANDARD
STL	- STEEL
STOR	- STORAGE
SUBCAT	- SUBCATEGORY
SUSP	- SUSPENDED
SV	- SITE VERIFY
SYS	- SYSTEM
T&G	- TONGUE AND GROOVE
TEL	- TELEPHONE OR TELECOM
TH	- THICKNESS
THRU	- THROUGH
TV	- TELEVISION
TO	- TOP OF WALL
TYP	- TYPICAL
UNFIN	- UNFINISHED
UON	- UNLESS OTHERWISE NOTED
US	- UNDER SIDE
VAC	- VENTILATION AND AIR CONDITIONING
VCT	- VINYL COMPOSITION TILE
VERT	- VERTICAL
VEST	- VESTIBULE
VIF	- VERIFY IN FIELD
VR	- VAPOR RETARDER
VT	- VINYL TILE
VWC	- VINYL WALL COVERING
W/	- WITH
W	- WIDE, WIDTH/WEST, WIDE FLANGE
WC	- WATER CLOSET
WB	- WALL BASE
WD	- WOOD
WDV	- WOOD VENEER
W/O	- WITHOUT

GENERAL NOTES

A. GENERAL NOTES:

1. THE CONTRACTOR SHALL PROVIDE COMPLETE PROJECT SYSTEMS AND COMPONENTS AND COMPLY WITH ALL REQUIREMENTS INDICATED ON THE PROJECT DOCUMENTS.
2. WORK WITHIN THE AREA BOUNDARIES INDICATED IN THE PROJECT DOCUMENTS, AND COMPLY WITH ALL APPLICABLE BUILDING CODE, REGULATION, & ORDINANCE REQUIREMENTS. OCCUPANTS ADJACENT TO THE PROJECT AREA BOUNDARIES SHALL CONTINUE UNINTERRUPTED OCCUPANCY DURING CONSTRUCTION OF THE PROJECT
3. VERIFY FIELD CONDITIONS AND COORDINATION WITH THE PROJECT DOCUMENTS PRIOR TO PROCEEDING WITH THE WORK.
4. COORDINATE THE WORK WITH ALL REQUIREMENTS INDICATED IN THE PROJECT DOCUMENTS.
5. COORDINATE THE WORK WITH EQUIPMENT, FURNISHINGS, AND SYSTEMS PROVIDED BY THE OWNER.

B. DEFINITIONS:

1. "TYPICAL" OR "TYP" INDICATES IDENTICAL COMPLETE SYSTEM SHALL BE PROVIDED FOR EACH OCCURRENCE OF THE CONDITION NOTED.
2. "SIMILAR" OR "SIM" INDICATES COMPLETE SYSTEM AND COMPONENTS SHALL BE PROVIDED COMPARABLE TO THE CHARACTERISTICS FOR THE CONDITION NOTED.
3. "AS REQUIRED" INDICATES COMPONENTS REQUIRED TO COMPLETE THE NOTED, SYSTEM AS INDICATED IN THE PROJECT DOCUMENTS, SHALL BE PROVIDED.
4. "ALIGN" INDICATES ACCURATELY PROVIDE FINISH FACES OF MATERIALS IN STRAIGHT, TRUE, AND PLUMB RELATION TO ADJACENT MATERIALS.

C. DIMENSIONS:

1. DIMENSIONS ARE INDICATED TO THE CENTERLINE OF THE STRUCTURAL GRID, FACE OF CONCRETE WALL, NOMINAL FACE OF CMU WALL, CENTERLINE OF PARTITION TYPE AS SCHEDULED, UNLESS OTHERWISE NOTED.
2. ALIGNMENT OF PARTITIONS AND FINISHES AS SCHEDULED SHALL BE STRAIGHT, TRUE & PLUMB. THE PRIORITY FOR PROJECT DIMENSIONS SHALL BE IN THE FOLLOWING ORDER:

   A . MIN DIMENSION FOR ACCESSIBILITY CLEARANCE & BUILDING CODE REQUIREMENT
   B . LARGE SCALE DETAILS
   C . SMALL SCALE DETAILS
   D . ENLARGED VIEWS
   E . FLOOR PLANS AND ELEVATIONS
3. FLOOR ELEVATIONS ARE INDICATED TO THE FACE OF THE STRUCTURAL SLAB, UNLESS OTHERWISE NOTED.
4. VERTICAL DIMENSIONS ARE INDICATED FROM THE FLOOR ELEVATION TO FACE OF FINISHED MATERIAL AT THE DIMENSION POINT, UNLESS NOTED ABOVE FINISH FLOOR -"AFF".
5. CEILING HEIGHTS ARE INDICATED FROM THE FLOOR ELEVATION TO THE FACE OF SUSPENDED CEILING SYSTEM OR FACE OF FINISH MATERIAL AS SCHEDULED
6. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.

D. DRAWING SET ORGANIZATION:

1. EACH DRAWING SET SHEET IS IDENTIFIED BY THE SHEET NUMBER IN THE LOWER RIGHT HAND CORNER OF THE DRAWING TITLE BLOCK. THE SHEET TITLE PROVIDES A GENERAL DESCRIPTION OF THE CONTENTS OF THE SHEET.
   SHEET NUMBER EXAMPLE: A2.0
   "A" INDICATES THE DISCIPLINE THAT CREATED THE DRAWING
   "2.0" INDICATES THE SHEET NUMBER
2. SHEET NUMBERS MAY INCLUDE SUPPLEMENTAL CHARACTERS TO PROVIDE ADDITIONAL INFORMATION, SUCH AS DRAWING CONTENT, PROJECT SECTOR OR PHASE. REFER TO THE DRAWING INDEX FOR A COMPLETE LIST OF SHEETS INCLUDED IN THE DOCUMENT SET.
   EXAMPLE: EL2.1A
   "EL" INDICATES THE DISCIPLINE THAT CREATED THE DRAWING AND THE DRAWING CONTENT = ELECTRICAL LIGHTING
   "A" INDICATES SECTOR "A" OF PLAN SHEET "2.1". REFER TO THE PROJECT KEY PLAN OR COMPOSITE PLAN INDICATING THE RELATIONSHIP OF THE SECTORS.
3. DRAWING SET INDEX INDICATES THE COMPLETE LIST OF SHEETS CONTAINED IN THE DRAWING SET, INDEXED BY DISCIPLINE, SHEET NUMBER AND SHEET TITLE, IN SEQUENTIAL ORDER. NOTE THAT ALL SEQUENTIAL SHEET NUMBERS MAY BE NOT USED IN THE DRAWING SET.
4. DISCIPLINE IDENTIFICATION, IN ORDER BOUND IN THE DRAWING SET. REFER TO THE DRAWING SET INDEX FOR DISCIPLINE CONTAINED IN THIS DRAWING SET:

G	GENERAL INFORMATION	Q	EQUIPMENT
C	CIVIL	F	FIRE PROTECTION
L	LANDSCAPE	P	PLUMBING
S	STRUCTURAL	M	MECHANICAL
A	ARCHITECTURAL	E	ELECTRICAL
ID	INTERIORS	T	TELECOMMUNICATIONS

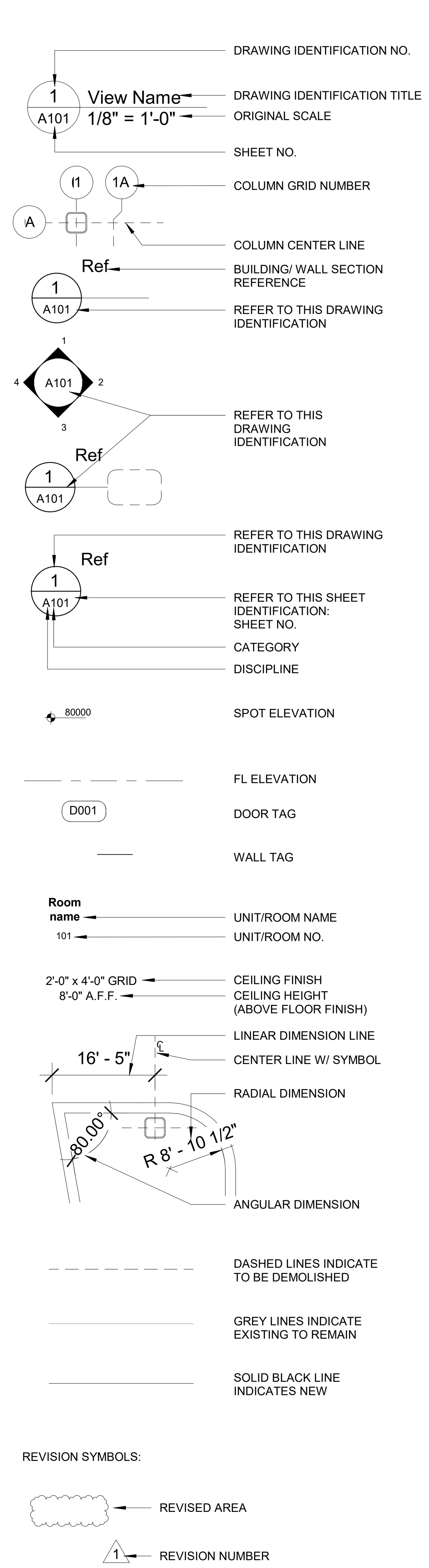
5. DRAWING CATEGORY IDENTIFICATION. REFER TO THE DRAWING SET INDEX FOR DISCIPLINES, CATEGORIES, AND SHEET NUMBERS CONTAINED IN THIS DRAWING SET:

   A 2.0
   SHEET INDEX
   DISCIPLINE (ARCHITECTURAL)

GENERAL MILLWORK NOTES

1. CABINETS TO BE LAMINATE/MELAMINE ON 19mm (3/4") MDF AND OR PARTICLE BOARD - SEE DRAWINGS FOR TYPES
2. PROVIDE ALL BLOCKING SUPPORT OF MILLWORK AND WALL MOUNTED ACCESSORIES.
3. SEE DRAWINGS FOR MILLWORK HARDWARE
4. RESERVED.
5. REFER TO ELEVATIONS FOR LOCATIONS OF CABINET DOOR LOCKS, DIRECTION OF DOOR SWING AND FILE DRAWERS
6. ALL GROMMETS ARE 76mm (3") IN DIAMETER, WHERE THERE IS NO DIMENSIONS GIVEN FOR COUNTERTOP GROMMET & COVER PLATE. PLACE 102mm (4") O.C. FROM THE COUNTER EDGE ON BOTH SIDES. ENSURE THIS DOES NOT INTERFERE WITH THE MILLWORK STRUCTURE
7. ALL CABINETS AND BULKHEADS THAT ARE NOT WALL TO WALL SHALL HAVE FINISHED SIDE GABLES. FOR DIVIDE GABLES REFER TO ELEVATIONS TO SEE IF REQUIRED.
8. ALL DOORS AND DRAWERS TO HAVE P.LAM EDGE BANDING TO MATCH SPECIFIED.
9. PROVIDE STAIN SAMPLES ON CHOSEN MATERIAL TO DESIGNER (IF REQUIRED) PRIOR TO CONSTRUCTION FOR APPROVAL.
10. LINE ON MILLWORK PLAN INDICATES EXTENT OF CHAIR RAIL. REFER TO ELEVATIONS FOR DETAILS.
11. ANY DISCREPANCIES BETWEEN THE FIELD MEASUREMENTS AND THE ARCHITECTURAL DRAWINGS MUST BE REPORTED TO ORGANICA STUDIO + INC PRIOR TO ANY CONSTRUCTION.
12. ANY/ ALL PROPOSED ALTERNATIVES MUST BE REPORTED TO ORGANICA STUDIO + INC AND APPROVED BY THE CLIENT PRIOR TO SUBSTITUTION.
13. THE FOLLOWING ITEMS ARE TO BE LOCKED:
   -

DRAWING ANNOTATIONS:



ELECTRICAL LEGEND

- WALL MOUNTED QUADRUPLEX OUTLET
- WALL MOUNTED DUPLEX OUTLET
- FLOOR/ SURFACE MOUNTED QUADRUPLEX OUTLET
- FLOOR/ SURFACE MOUNTED DUPLEX OUTLET
- CM — CEILING MOUNTED DUPLEX OUTLET
- GFI — WALL MOUNTED GROUND FAULT DUPLEX OUTLET (G.F.I.)
- WALL MOUNTED SPLIT RECEPTACLE OUTLET
- D — WALL MOUNTED DEDICATED RUN OUTLET
- 220 VOLT OUTLET
- TVSS — ISOLATED GROUND TVSS DUPLEX RECEPTACLE
- C — CLOCK HANGER RECEPTACLE
- S — WALL MOUNTED SWITCH, REFER TO ENGINEER DRAWINGS
- S D — WALL MOUNTED DIMMER SWITCH, REFER TO ENGINEER DRAWINGS
- S 3 — 3 WAY SWITCH
- CCTV DATA, CEILING MOUNTED SURVEILLANCE CAMERA
- S — OFFICE INTERCOM, CEILING SPEAKER
- A — WALL MOUNTED SPEAKER
- EMERGENCY EXIT LIGHT
- EXIT — EXIT SIGN
- CR — CARD READER/F.O.B.
- EP — ELECTRICAL PANEL
- WALL MOUNTED FIXTURE
- ML — ELECTROMAGNETIC LOCK
- EL — ELECTRIC MORTISE LOCK, REFER TO HARDWARE SCHEDULE
- ES — ELECTRIC STRIKE, REFER TO HARDWARE SCHEDULE
- FOB — FOB KEY
- T — THERMOSTAT
- SC — SECURITY CAMERA
- WALL MOUNTED DOOR OPERATOR BUTTON
- JD — CEILING MOUNTED DATA JUNCTION BOX
- CEILING MOUNTED ELEC. JUNCTION BOX
- TV — TELEVISION/CABLE CONNECTION
- TELEPHONE JACK CONNECTION
- D — DATA OUTLET
- T — TELEPHONE OUTLET
- TD — TELEPHONE AND DATA OUTLET

MATERIALS/FINISHES LEGEND

- BATT. INSULATION
- BRICK VENEER
- C.M.U. — CONCRETE MASONRY UNIT
- GRAVEL
- GB — GYPSUM WALLBOARD
- CONCRETE BLOCK
- RIGID INSULATION
- HATCH DENOTES ARCHITECTURAL CONCRETE FINISH ON EXPOSED SURFACES
- EP — EPOXY FINISH ON CONCRETE SURFACE
- CS — CONCRETE SEALER
- PTCW — PEDESTRIAN TRAFFIC COATING WATERPROOFING
- PCT1A — PORCELAIN TILE TYP 1A
- PCT1B — PORCELAIN TILE TYP 1B
- PCT1C — PORCELAIN TILE TYP 1C
- PCT2 — PORCELAIN TILE TYP 2
- PCT3 — PORCELAIN TILE TYP 3
- CPT — CARPET TILE
- LINO — LINOLEUM
- ST — STONE

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1	ISSUED FOR TENDER/CLIENT REVIEW	2024-04-03
2	ISSUED FOR TENDER/CONSTRUCTION	2024-04-10
3	ISSUED FOR TENDER R1	2024-12-09

GENERAL NOTES, ABBREVATIONS & LEGENDS

KITCHENETTE DESIGN

8141 MARTIN GROVE RD
VAUGHAN, ON
L4L 3W9

SCALE	As indicated
DATE	2024-12-09 12:47:22 PM
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CHECKED	JN
PROJECT NUMBER	24016
SHEET	A0.1

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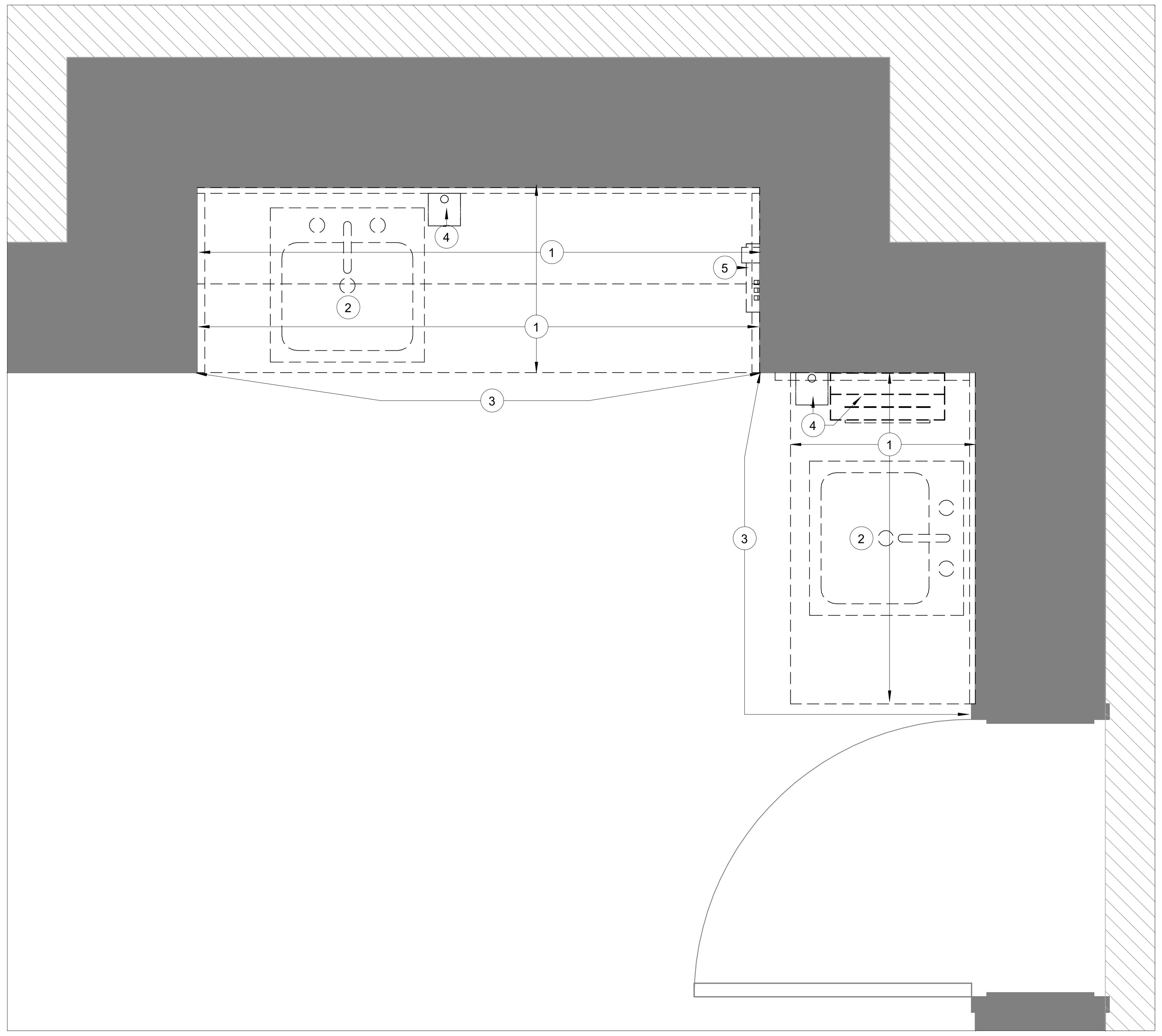
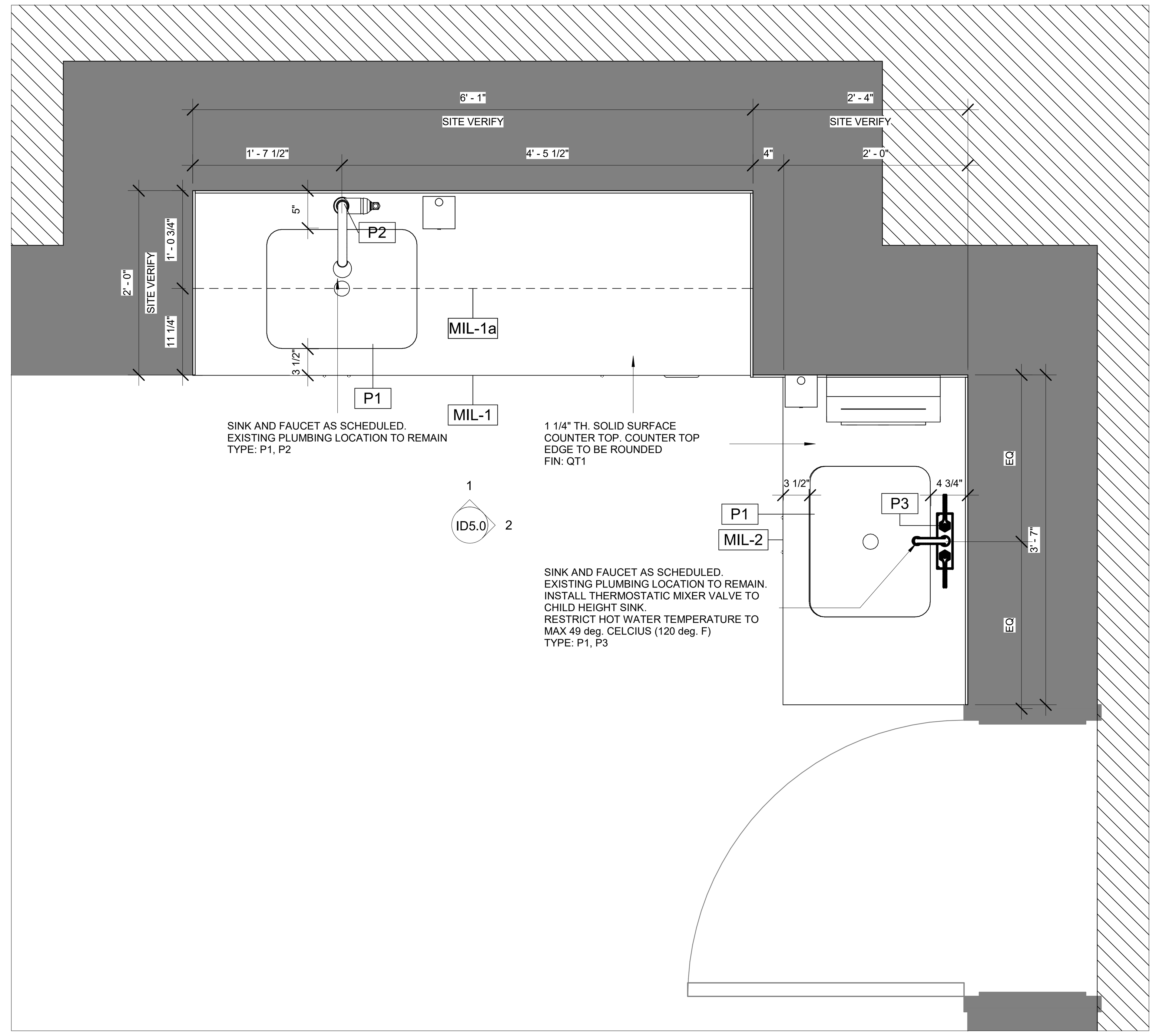


1 A2.1 **DEMOLITION - FLOOR PLAN**
1" = 1'-0"



2 A2.1 **MILLWORK & PLUMBING FIXTURE PLAN**
1" = 1'-0"

DEMOLITION LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- EXISTING MILLWORK TO BE DEMOLISHED
- EXISTING SINK TO BE REMOVED

DEMOLITION FLOOR NOTES

1. REMOVE MILLWORK IN AREA UNDER SCOPE OF WORK. MAKE GOOD TO ACCEPT NEW FINISH
2. REMOVE PLUMBING FIXTURES UNDER SCOPE OF WORK. CAP PLUMBING, WHERE REQ'D. MAKE GOOD TO ACCEPT NEW FINISH
3. REMOVE EXISTING RUBBER WALL BASES IN AREA UNDER SCOPE OF WORK. MAKE GOOD TO ACCEPT NEW FINISH
4. EXISTING WALL ACCESSORIES TO BE REINSTALLED IN RENOVATION. REFER TO RENOVATION PLAN FOR NEW LOCATION.
5. EXISTING WALL MOUNTED PHONE TO BE REMOVED AND RELOCATED NEXT TO LATCH SIDE OF ROOM ENTRY DOOR. MAKE GOOD TO ACCEPT NEW FINISH.

GENERAL NOTE TO CONTRACTOR:
CONTRACTOR RESPONSIBLE FOR ANY DAMAGES CAUSED DURING PERIOD OF WORK.
CONTRACTOR TO REPORT ANY DISCREPANCIES TO DESIGNER FOR REVIEW.

GENERAL NOTES - MILLWORK & PLUMBING

1. CABINETS TO BE LAMINATE ON 3/4" PLYWOOD SEE DRAWINGS FOR TYPES
2. COUNTERS TOPS BE SOLID SURFACE SEE DRAWINGS FOR TYPE
3. PROVIDE ALL BLOCKING FOR SUPPORT OF MILLWORK & WALL MOUNTED ACCESSORIES.
4. ALL MILLWORK HARDWARE (PULLS & HINGES) AS PER NOTED SPECIFICATIONS
5. RESERVED.
6. REFER TO ELEVATIONS FOR LOCATIONS OF CABINET DOOR LOCKS, DIRECTION OF DOOR SWINGS AND FILE DRAWERS
7. ALL CABINETS AND BULKHEADS THAT ARE NOT WALL TO WALL SHALL HAVE SIDE GABLES FINISHED TO MATCH CABINET FACE. FOR DIVIDE GABLES REFER TO ELEVATIONS TO SEE IF REQUIRED
8. ALL DOORS AND DRAWERS TO HAVE P.LAM EDGE BANDING TO MATCH SPECIFIED
9. ANY DISCREPANCIES BETWEEN THE FIELD MEASUREMENTS AND THE ARCHITECTURAL DRAWINGS MUST BE REPORTED TO ORGANICA STUDIO + PRIOR TO ANY CONSTRUCTION.
10. ANY/ALL PROPOSED ALTERNATIVES MUST BE REPORTED TO ORGANICA STUDIO + AND APPROVED BY THE CLIENT PRIOR TO SUBSTITUTION
11. REFER TO MILLWORK ELEVATIONS FOR FINISH TAGS & FINISH SCHEDULE FOR FINISH TYPES
12. ALL PLUMBING FIXTURES AS PER SPECIFICATIONS. PLANS SHOWN FOR LOCATIONS
13. EXISTING PHONE TO BE RELOCATED ON WALL NEXT TO LATCH SIDE OF ROOM ENTRY DOOR

MILLWORK HARDWARE SCHEDULE

SOFT CLOSE HINGE - OVERLAY	SPEC: 110 CLIP TOP BLUMOTION HINGE RICHELIEU #BP71B35523180
SOFT CLOSE DRAWER SLIDE	SPEC: MOVENTO S 760/766H BLUMOTION SLIDE RICHELIEU #760H00S
MILLWORK PULL	SPEC: MODERN METAL PULL - 2288 RICHELIEU # BP228804195

Millwork Schedule

Type Mark	Description	Location	Comments
MIL-1	BASE CABINETS - ADULT HEIGHT	KITCHENETTE	
MIL-1a	UPPER CABINETS	KITCHENETTE	
MIL-2	BASE CABINETS - CHILD HEIGHT	KITCHENETTE	

Plumbing Fixture Schedule

Type Mark	Type Image	Count	Type	Description	Manufacturer	Model	Comments
P1		2	UNDERMOUNT SINK	Blanco Sink - Andano U Med (Single)	RICHELIEU	28706U170	STAINLESS STEEL
P2		1	SINK FAUCET	MOEN Adler Single-Handle Pull Down Kitchen Faucet with Reflex in Spot Resist Stainless	MOEN	87233SRS	
P3		1	CHILD HEIGHT SINK FAUCET	MOEN Chateau 2-Handle Low-Arc Standard Kitchen Faucet in Chrome	MOEN	87412	INSTALL COMMERCIAL THERMOSTATIC MIXING VALVE TO CHILD HEIGHT SINK ONLY. LIMIT HOT WATER TEMPERATURES TO MAX. 49 DEGREES CELCIUS (120 deg. F). GC TO SPEC: CASH ACME HEATGUARD OR SIMILAR. SIZE VALVE TO EXISTING CONNECTIONS.

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FLOOR PLANS

KITCHENETTE DESIGN

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VAUGHAN, ON
L4L 3W9

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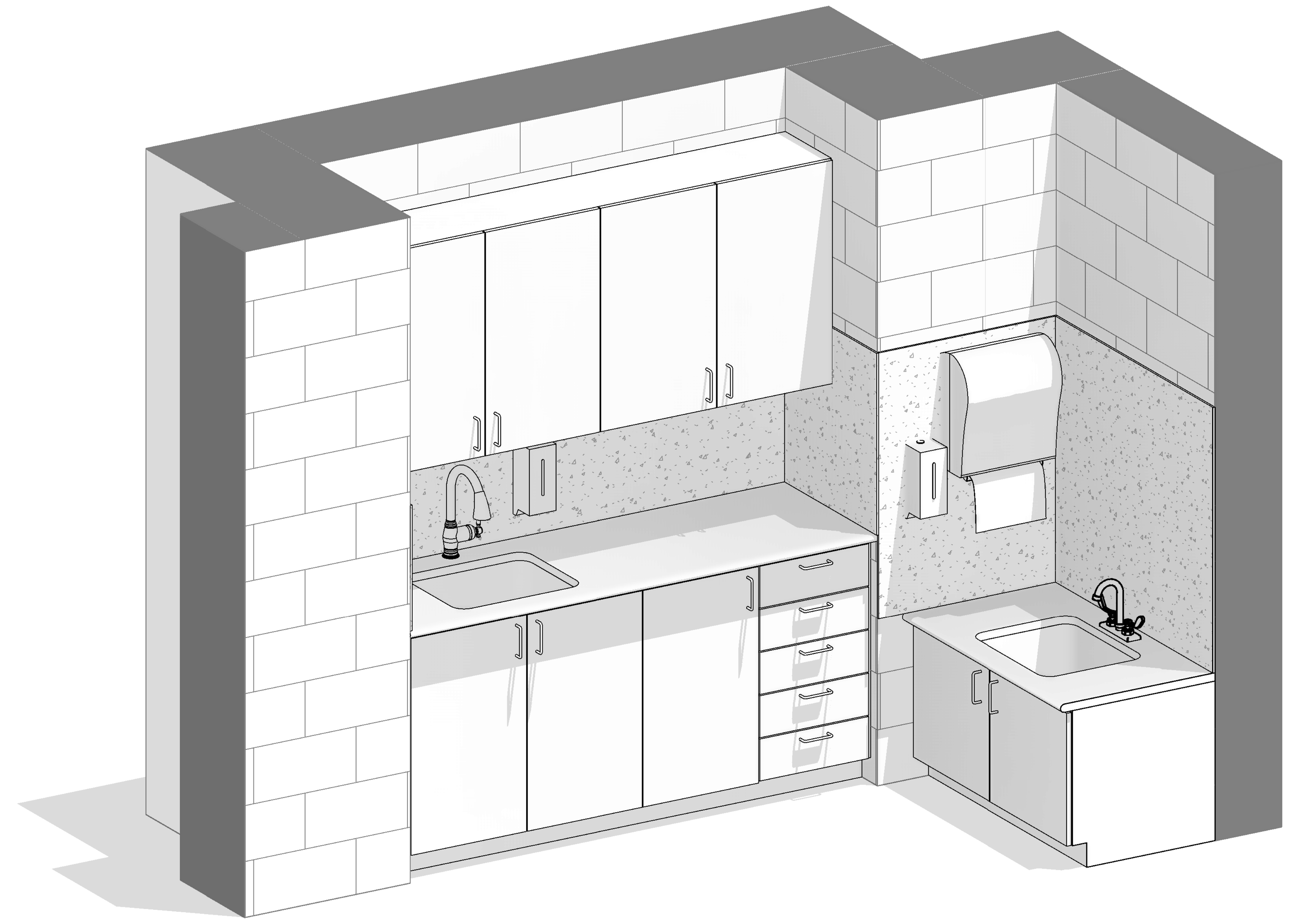
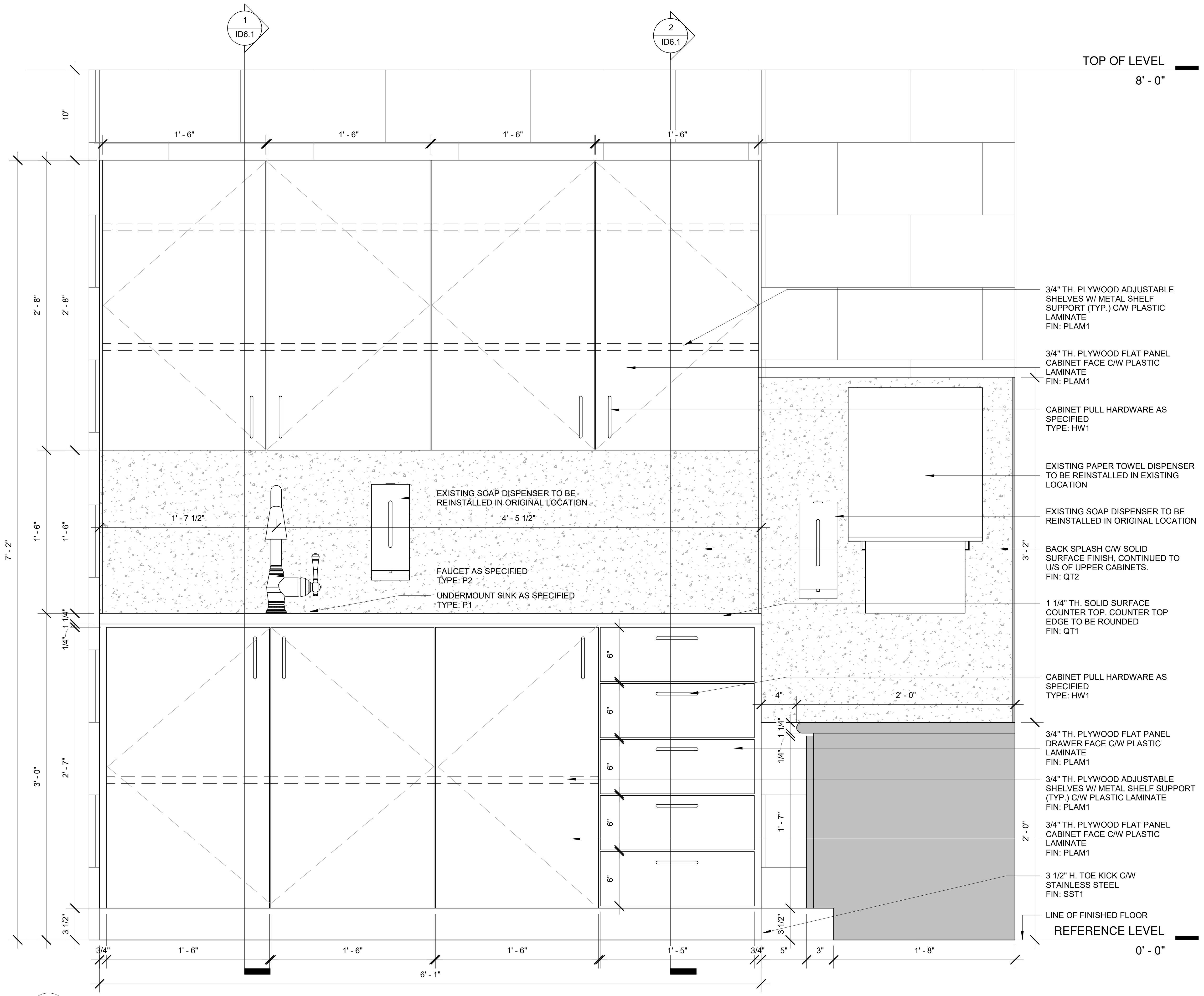
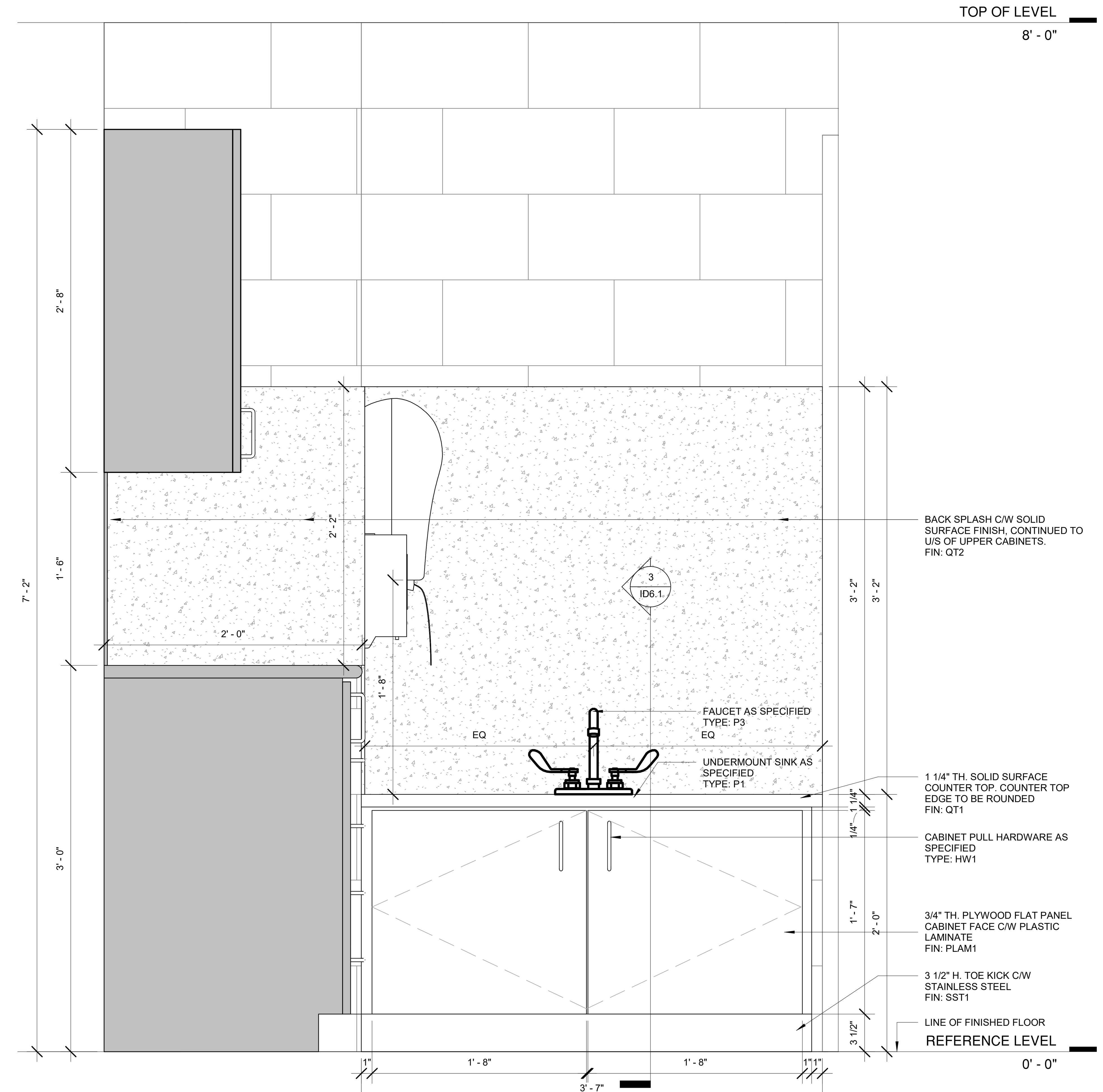


3 ID5.0 3D VIEW



1 ID6.1
2 ID6.1
TOP OF LEVEL
8' - 0"
1' - 6"
1' - 6"
1' - 6"
1' - 6"
3/4" TH. PLYWOOD ADJUSTABLE SHELVES W/ METAL SHELF SUPPORT (TYP.) C/W PLASTIC LAMINATE FIN: PLAM1
3/4" TH. PLYWOOD FLAT PANEL CABINET FACE C/W PLASTIC LAMINATE FIN: PLAM1
CABINET PULL HARDWARE AS SPECIFIED TYPE: HW1
EXISTING PAPER TOWEL DISPENSER TO BE REINSTALLED IN EXISTING LOCATION
EXISTING SOAP DISPENSER TO BE REINSTALLED IN ORIGINAL LOCATION
EXISTING SOAP DISPENSER TO BE REINSTALLED IN ORIGINAL LOCATION
1' - 7 1/2"
4' - 5 1/2"
BACK SPLASH C/W SOLID SURFACE FINISH, CONTINUED TO U/S OF UPPER CABINETS. FIN: QT2
FAUCET AS SPECIFIED TYPE: P2
UNDERMOUNT SINK AS SPECIFIED TYPE: P1
1 1/4" TH. SOLID SURFACE COUNTER TOP. COUNTER TOP EDGE TO BE ROUNDED FIN: QT1
CABINET PULL HARDWARE AS SPECIFIED TYPE: HW1
3/4" TH. PLYWOOD FLAT PANEL DRAWER FACE C/W PLASTIC LAMINATE FIN: PLAM1
3/4" TH. PLYWOOD ADJUSTABLE SHELVES W/ METAL SHELF SUPPORT (TYP.) C/W PLASTIC LAMINATE FIN: PLAM1
3/4" TH. PLYWOOD FLAT PANEL CABINET FACE C/W PLASTIC LAMINATE FIN: PLAM1
3 1/2" H. TOE KICK C/W STAINLESS STEEL FIN: SST1
LINE OF FINISHED FLOOR
REFERENCE LEVEL
0' - 0"
10"
2' - 8"
7' - 2"
1' - 6"
3' - 0"
2' - 7"
3 1/2"
3' - 2"
2' - 0"
1' - 7"
4"
2' - 0"
3/4"
1' - 6"
1' - 6"
1' - 6"
1' - 5"
3/4"
5"
3"
1' - 8"
6' - 1"

1 ID5.0 ADULT-HEIGHT MILLWORK ELEVATION
1 1/2" = 1'-0"



TOP OF LEVEL
8' - 0"
2' - 8"
7' - 2"
1' - 6"
3' - 0"
2' - 2"
2' - 0"
BACK SPLASH C/W SOLID SURFACE FINISH, CONTINUED TO U/S OF UPPER CABINETS. FIN: QT2
3 ID6.1
FAUCET AS SPECIFIED TYPE: P3
UNDERMOUNT SINK AS SPECIFIED TYPE: P1
EQ
EQ
1 1/4" TH. SOLID SURFACE COUNTER TOP. COUNTER TOP EDGE TO BE ROUNDED FIN: QT1
CABINET PULL HARDWARE AS SPECIFIED TYPE: HW1
3/4" TH. PLYWOOD FLAT PANEL CABINET FACE C/W PLASTIC LAMINATE FIN: PLAM1
3 1/2" H. TOE KICK C/W STAINLESS STEEL FIN: SST1
LINE OF FINISHED FLOOR
REFERENCE LEVEL
0' - 0"
3' - 2"
2' - 0"
1' - 7"
3 1/2"
1' - 8"
1' - 8"
3' - 7"

2 ID5.0 CHILD-HEIGHT MILLWORK ELEVATION
1 1/2" = 1'-0"

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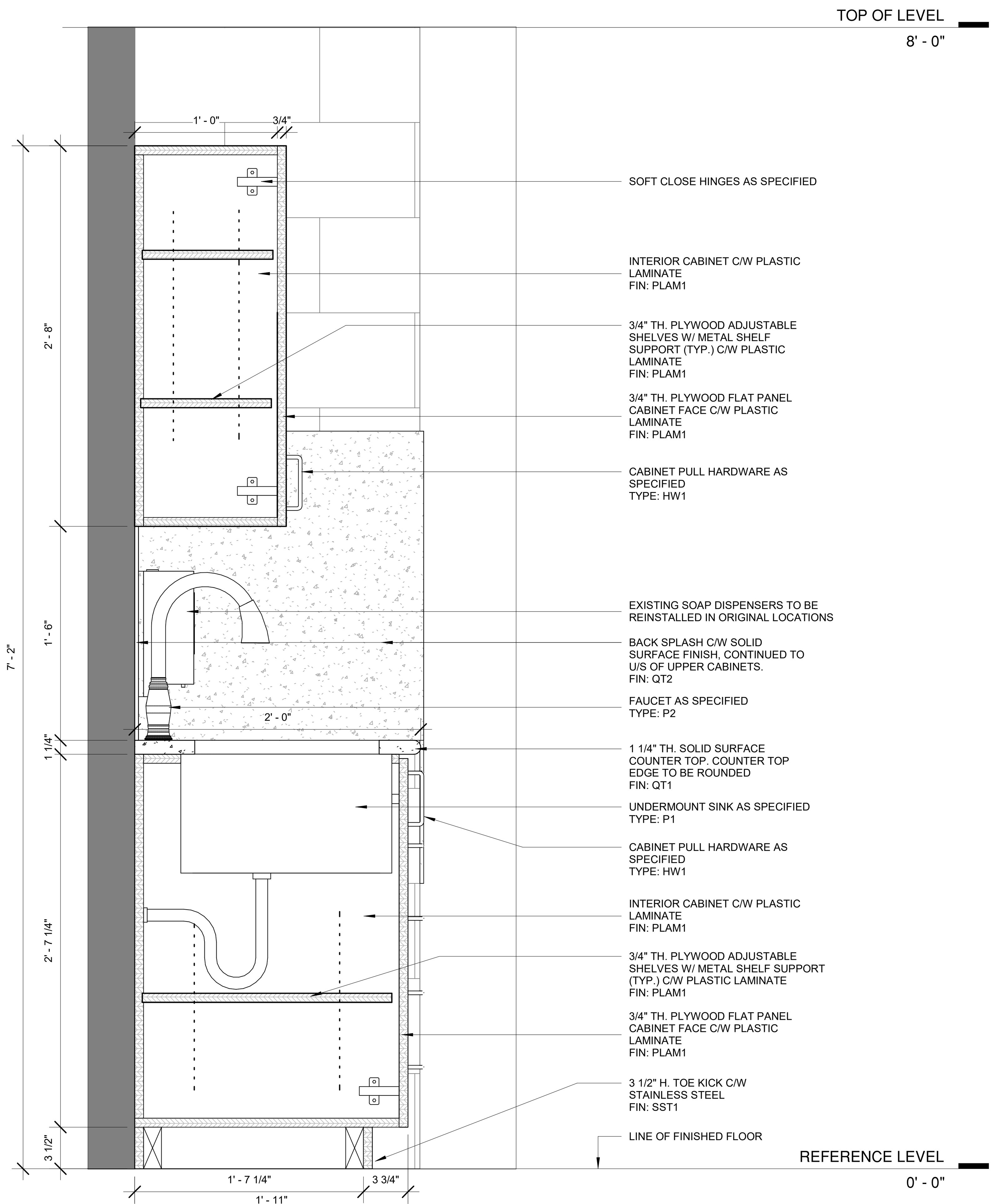
NO.	DESCRIPTION	DATE
1	ISSUED FOR TENDER/CLIENT REVIEW	2024-04-03
2	ISSUED FOR TENDER/CONSTRUCTION	2024-04-10
3	ISSUED FOR TENDER R1	2024-12-09

INTERIOR ELEVATIONS

KITCHENETTE DESIGN

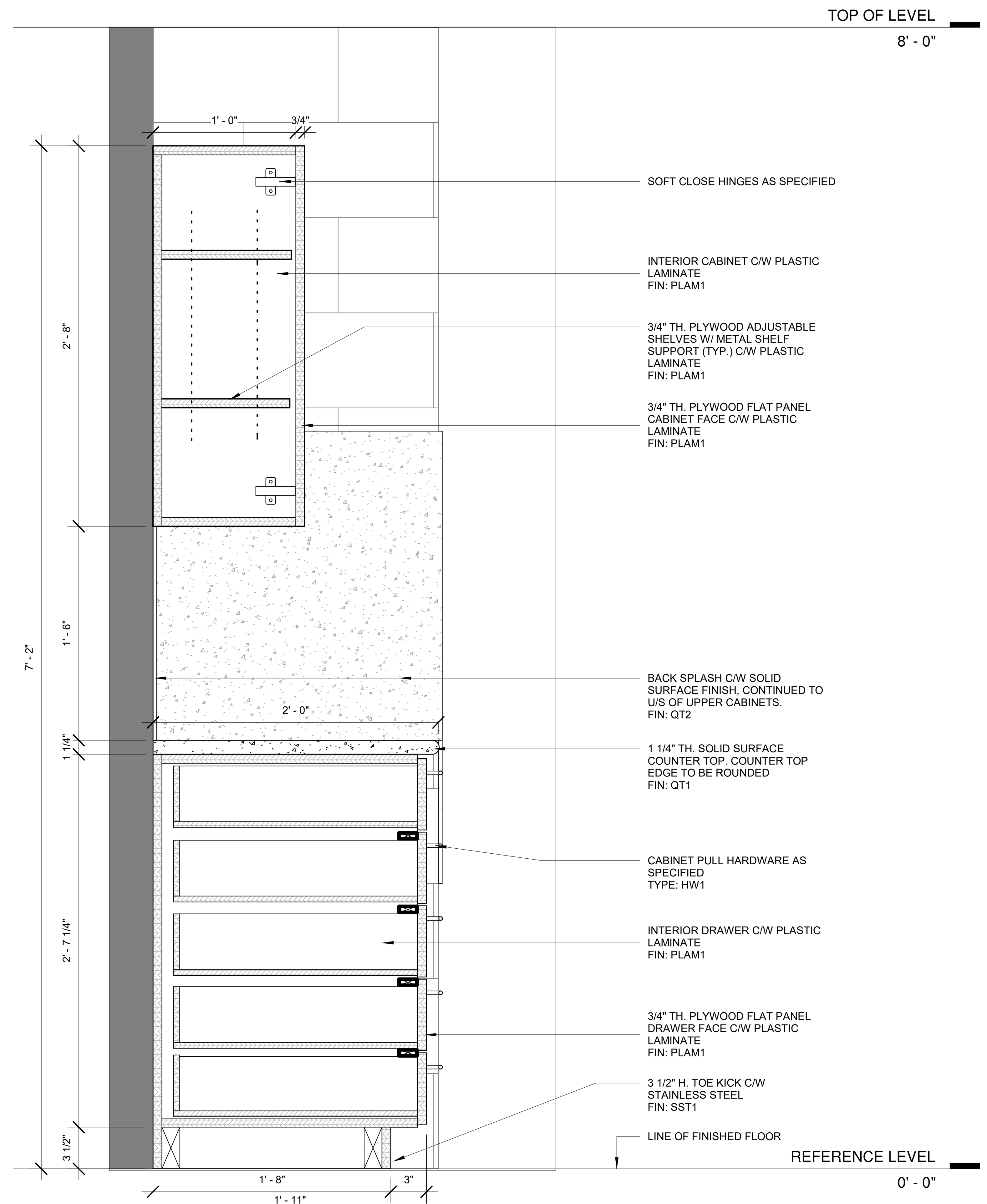
8141 MARTIN GROVE RD
VAUGHAN, ON
L4L 3W9

SCALE	1 1/2" = 1'-0"
DATE	2024-12-09 12:47:28 PM
DRAWN	VK
CHECKED	JN
PROJECT NUMBER	24016
SHEET	ID5.0



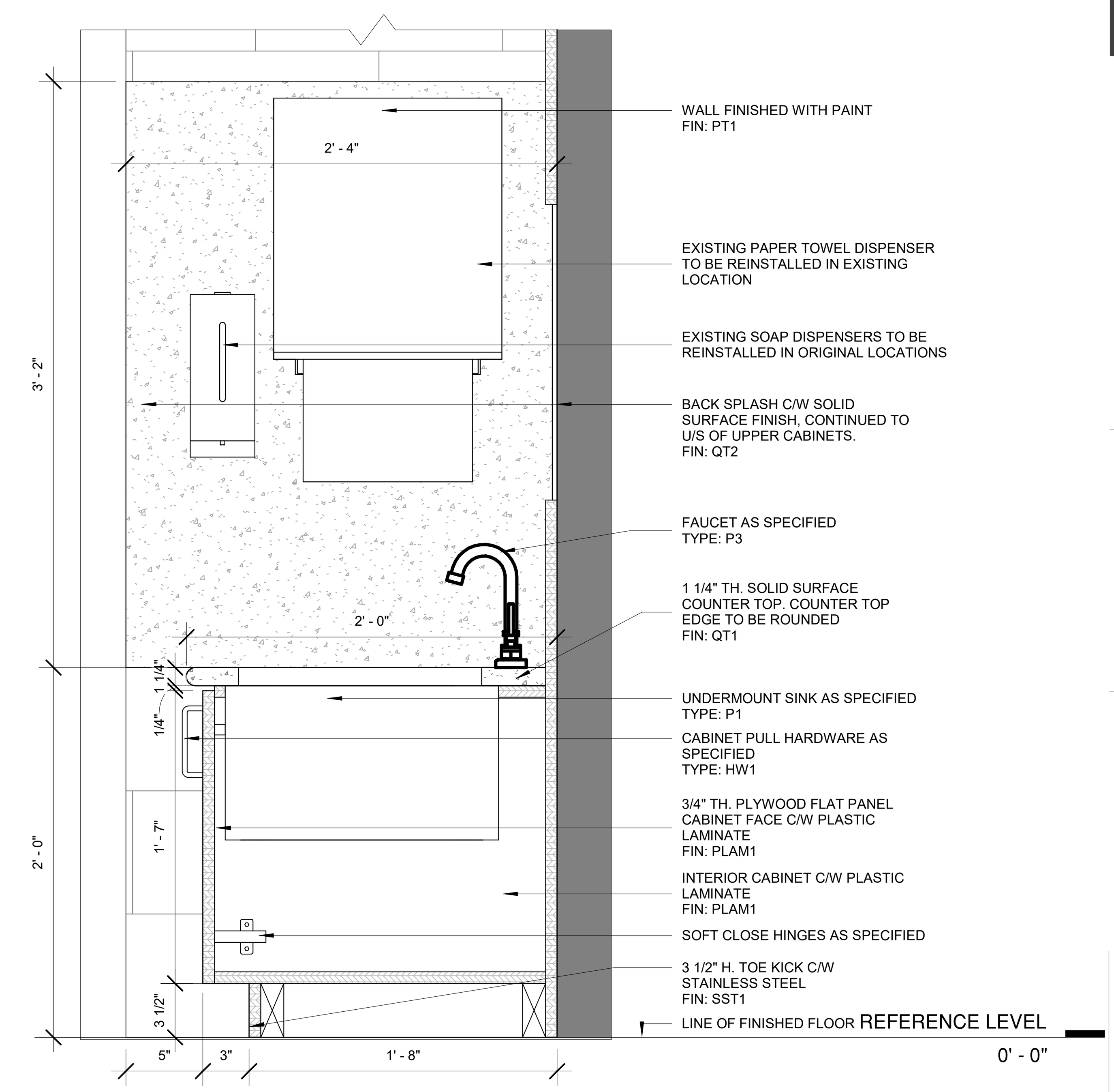
TOP OF LEVEL
8' - 0"
1' - 0"
3/4"
SOFT CLOSE HINGES AS SPECIFIED
INTERIOR CABINET C/W PLASTIC LAMINATE FIN: PLAM1
3/4" TH. PLYWOOD ADJUSTABLE SHELVES W/ METAL SHELF SUPPORT (TYP.) C/W PLASTIC LAMINATE FIN: PLAM1
3/4" TH. PLYWOOD FLAT PANEL CABINET FACE C/W PLASTIC LAMINATE FIN: PLAM1
CABINET PULL HARDWARE AS SPECIFIED TYPE: HW1
EXISTING SOAP DISPENSERS TO BE REINSTALLED IN ORIGINAL LOCATIONS
BACK SPLASH C/W SOLID SURFACE FINISH, CONTINUED TO U/S OF UPPER CABINETS. FIN: QT2
FAUCET AS SPECIFIED TYPE: P2
1 1/4" TH. SOLID SURFACE COUNTER TOP. COUNTER TOP EDGE TO BE ROUNDED FIN: QT1
UNDERMOUNT SINK AS SPECIFIED TYPE: P1
CABINET PULL HARDWARE AS SPECIFIED TYPE: HW1
INTERIOR CABINET C/W PLASTIC LAMINATE FIN: PLAM1
3/4" TH. PLYWOOD ADJUSTABLE SHELVES W/ METAL SHELF SUPPORT (TYP.) C/W PLASTIC LAMINATE FIN: PLAM1
3/4" TH. PLYWOOD FLAT PANEL CABINET FACE C/W PLASTIC LAMINATE FIN: PLAM1
3 1/2" H. TOE KICK C/W STAINLESS STEEL FIN: SST1
LINE OF FINISHED FLOOR
REFERENCE LEVEL
0' - 0"
7' - 2"
2' - 8"
1' - 6"
2' - 0"
1 1/4"
2' - 7 1/4"
3 1/2"
1' - 7 1/4"
3 3/4"
1' - 11"

1 ID6.1 SECTION THROUGH CABINET WITH SINK
1 1/2" = 1'-0"



TOP OF LEVEL
8' - 0"
1' - 0"
3/4"
SOFT CLOSE HINGES AS SPECIFIED
INTERIOR CABINET C/W PLASTIC LAMINATE FIN: PLAM1
3/4" TH. PLYWOOD ADJUSTABLE SHELVES W/ METAL SHELF SUPPORT (TYP.) C/W PLASTIC LAMINATE FIN: PLAM1
3/4" TH. PLYWOOD FLAT PANEL CABINET FACE C/W PLASTIC LAMINATE FIN: PLAM1
BACK SPLASH C/W SOLID SURFACE FINISH, CONTINUED TO U/S OF UPPER CABINETS. FIN: QT2
1 1/4" TH. SOLID SURFACE COUNTER TOP. COUNTER TOP EDGE TO BE ROUNDED FIN: QT1
CABINET PULL HARDWARE AS SPECIFIED TYPE: HW1
INTERIOR DRAWER C/W PLASTIC LAMINATE FIN: PLAM1
3/4" TH. PLYWOOD FLAT PANEL DRAWER FACE C/W PLASTIC LAMINATE FIN: PLAM1
3 1/2" H. TOE KICK C/W STAINLESS STEEL FIN: SST1
LINE OF FINISHED FLOOR
REFERENCE LEVEL
0' - 0"
7' - 2"
2' - 8"
1' - 6"
2' - 0"
1 1/4"
2' - 7 1/4"
3 1/2"
1' - 8"
3"
1' - 11"

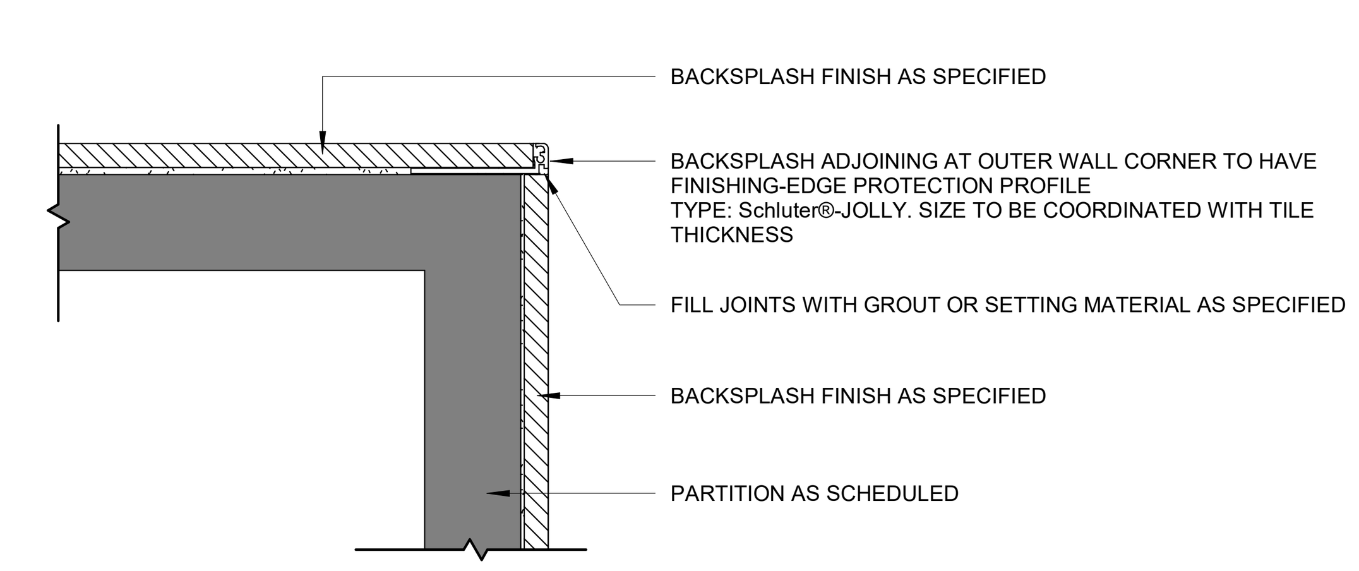
2 ID6.1 SECTION THROUGH DRAWERS
1 1/2" = 1'-0"



WALL FINISHED WITH PAINT FIN: PT1
2' - 4"
EXISTING PAPER TOWEL DISPENSER TO BE REINSTALLED IN EXISTING LOCATION
EXISTING SOAP DISPENSERS TO BE REINSTALLED IN ORIGINAL LOCATIONS
BACK SPLASH C/W SOLID SURFACE FINISH, CONTINUED TO U/S OF UPPER CABINETS. FIN: QT2
FAUCET AS SPECIFIED TYPE: P3
1 1/4" TH. SOLID SURFACE COUNTER TOP. COUNTER TOP EDGE TO BE ROUNDED FIN: QT1
2' - 0"
UNDERMOUNT SINK AS SPECIFIED TYPE: P1
CABINET PULL HARDWARE AS SPECIFIED TYPE: HW1
3/4" TH. PLYWOOD FLAT PANEL CABINET FACE C/W PLASTIC LAMINATE FIN: PLAM1
INTERIOR CABINET C/W PLASTIC LAMINATE FIN: PLAM1
SOFT CLOSE HINGES AS SPECIFIED
3 1/2" H. TOE KICK C/W STAINLESS STEEL FIN: SST1
LINE OF FINISHED FLOOR
REFERENCE LEVEL
0' - 0"
3' - 2"
2' - 0"
1' - 7"
3 1/2"
5"
3"
1' - 8"

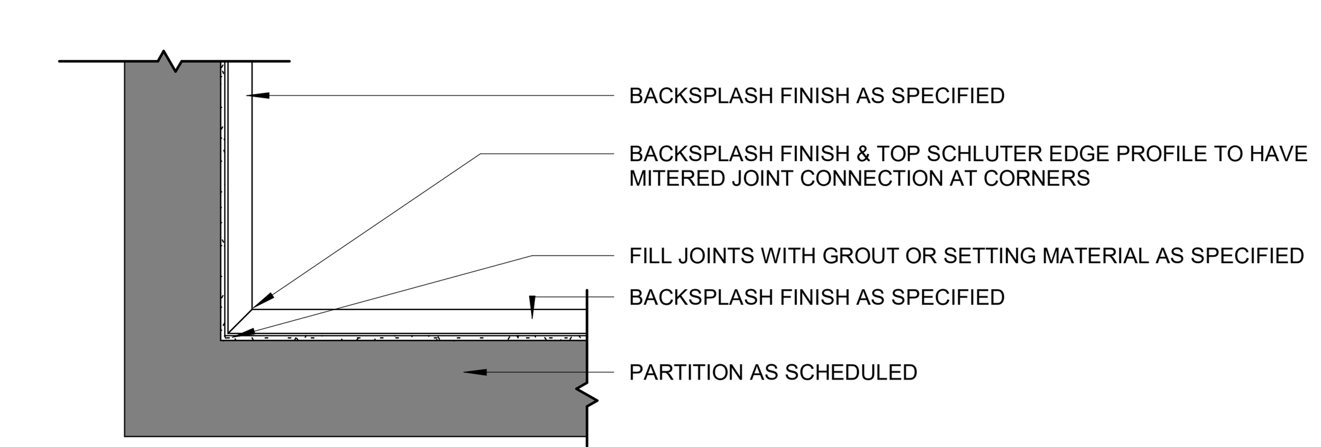
3 ID6.1 SECTION THROUGH CHILD-HEIGHT CABINET
1 1/2" = 1'-0"

FINISH SCHEDULE					
NOTES: REFER TO FINISH PLAN, INTERIOR ELEVATIONS & MILLWORK DETAILS FOR LOCATIONS AND EXTENT OF FINISHES. **GENERAL PAINT NOTE:** UNLESS OTHERWISE NOTED, ALL WALLS TO BE PAINTED IN AN EGG-SHELL FINISH, ALL DOORS, DOOR FRAMES & TRIM TO BE PAINTED IN A SEMI-GLOSS FINISH & ALL CEILINGS TO BE PAINTED IN A FALT FINISH. **MILLWORK FINISH NOTE:** INTERIOR OF MILLWORK CABINETS TO BE WHITE MELAMINE FINISH OR AS NOTED ON PLANS					
TAG	TYPE	MANUFACTURER	PRODUCT CODE, TYPE & SIZE	FINISH	COMMENTS
QT1	QUARTZ	SILESTONE - COSENTINO	SILESTONE - COPPER MIST - 3CM THICKNESS	POLISHED	-
QT2	QUARTZ BACKSPLASH	SILESTONE - COSENTINO	SILESTONE - COPPER MIST - 1.2CM THICKNESS	POLISHED	-
PLAM1	PLASTIC LAMINATE	FORMICA	EARTH 5342-58	-58 - MATTE FINISH	-
SST1	STAINLESS STEEL WALL BASE	GC TO SPECIFY	3 1/2" H WALL BASE	#4 FINISH - BRUSHED	-
HW1	CABINET PULL	RICHELIEU	Modern Metal Pull - 2288 BP228804195	BRUSHED NICKEL	-



BACKSPLASH FINISH AS SPECIFIED
BACKSPLASH ADJOINING AT OUTER WALL CORNER TO HAVE FINISHING-EDGE PROTECTION PROFILE TYPE: Schluter®-JOLLY. SIZE TO BE COORDINATED WITH TILE THICKNESS
FILL JOINTS WITH GROUT OR SETTING MATERIAL AS SPECIFIED
BACKSPLASH FINISH AS SPECIFIED
PARTITION AS SCHEDULED

4 ID6.1 ENLARGED PLAN - OUTER CORNER WALL DETAIL
6" = 1'-0"



5 ID6.1 ENLARGED PLAN - INNER CORNER WALL DETAIL
6" = 1'-0"

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NO.	DESCRIPTION	DATE
1	ISSUED FOR TENDER/CLIENT REVIEW	2024-04-03
2	ISSUED FOR TENDER/CONSTRUCTION	2024-04-10
3	ISSUED FOR TENDER R1	2024-12-09

MILLWORK SECTIONS

KITCHENETTE DESIGN

8141 MARTIN GROVE RD
VAUGHAN, ON
L4L 3W9

SCALE	As indicated
DATE	2024-12-09 12:47:29 PM
DRAWN	VK
CHECKED	JH
PROJECT NUMBER	24016
SHEET	ID6.1

GENERAL REQUIREMENTS

1. START OF WORK
    1. The Contractor shall be prepared to start Work immediately after notification of acceptance of his Tender, and shall complete work within the stipulated time period.
    2. Prior to Work on site, the Contractor shall provide a copy of his insurance policy indicating the Owner as co-insured.
    3. Work shall not start on site prior to the provision of a copy of the Building Permit.
2. COMPLETION
    1. Time is of the essence. Project completion is required as quickly as possible prior to the Owner's stipulated time period.
    2. The project duration indicated by the Contractor in the Form of Tender will be taken into account when considering the Tenders.
3. SEQUENCE
    1. The Owner, Consultant, and Contractor shall develop a final implementation strategy to mutual agreement, to confirm final delivery and incorporation of Owner-supplied items, and to allow the Owner to plan the day to day operations during construction.
4. SUBMITTALS
    1. Prepare a Safety Plan and a Construction Schedule within one (1) week of award of Contract. Include with Schedule a comprehensive methodology of construction, showing in written and graphical form (quick sketches) the stages of demolition and construction throughout the course of the Work.
    2. Submit, within one (1) week of award of Contract, a list of all Subcontractors, and a price breakdown of the Contract amount, showing the value of each subcontract. Submit bonds, permits, and insurance policies. The General Contractor works and values must also be shown.
    3. Submit six (6) prints of shop drawings where requested in Specification sections. Shop drawings to be checked and signed prior to submission to Architect.
    4. At time of application for a Substantial Performance Certificate, submit three (3) sets of Product Data and Maintenance Instructions.
    5. Submit on a set of transparency drawings provided by the Architect, an accurate record of all deviations from Contract Documents (As-Built Drawings).
    6. Submit with application for release of holdback the following:
        1. Extra material stock.
        2. Statements from each Subcontractor, stating that each has been paid in full for Work performed under the Contract.
        3. Any Performance Bonds required by Tender Documents "Instructions to Bidders."
        4. Liability Insurance Policy extended for one (1) year from Substantial Completion Date.
        5. Written guarantee, covering all materials and workmanship used in the work, covering a minimum of one (1) year from the Substantial Completion date. Also include extended warranties, where requested in the Specification sections.
        6. Certificate from Workers' Compensation Board stating Contractor's good standing.
        7. Certificate from Health Services Tax Division clearing all trades for holdback purposes.
5. PRODUCT DELIVERY, STORAGE, AND HANDLING
    1. Make available areas for storage of products and construction equipment to meet specified requirements, and to ensure a minimum of interference with progress of the Work.
    2. The Contractor may store construction items, or use, for his own purposes, the area on the property to the rear of the building.
6. JOB CONDITIONS
    1. Ensure that conditions within the building are maintained to meet specified environmental requirements.
    2. Ensure that protection of adjacent property and the Work is adequately provided and maintained to meet specified requirements.
7. COORDINATION
    1. Ensure that each Section, before commencing Work, knows the requirements for subsequent Work, and that each Section is assisted in the execution of its preparatory Work by Sections depending upon its preparation.
    2. Ensure that setting drawings, templates, and all other information necessary for the location and installation of materials, holes, sleeves, inserts, anchors, accessories, fastenings, connections, and access panels are provided by each Section for the Work which requires cooperative location and installation by other Sections, and that such information is communicated to the applicable installer.
    3. Sections giving installation information in error, or too late to incorporate in the Work, shall be responsible for having Work done which was thereby additionally made necessary.
8. REMOVALS, CUTTING, AND PATCHING
    1. Cut and patch to provide for connection of new Work to existing Work, and where existing work is altered. Cutting shall be interpreted as providing new openings in construction.
    2. Before cutting, drilling, or sleeving structural loadbearing elements, obtain approval of location and methods.
    3. Do not endanger Work or property by cutting, digging, or similar activities. No Section shall cut or alter the Work of another Section, unless approved by the Section which has installed it.
    4. Fit construction tightly to ducts, pipes, and conduits to stop air movement completely. The Section performing Work that penetrates a fire, air, vapour, moisture, thermal, or acoustic separation element of the building shall pack voids tightly with rock wool; seal air, vapour, and moisture barriers; and caulk joints as may be required to ensure that no air movement through the penetration is possible.
    5. Coordinate and confirm all appurtenances, fixtures, plates, etc which are to be removed by Owner's forces
9. PROJECT MEETINGS
    1. The Contractor shall schedule and administer project meetings every one (1) week throughout the progress of the Work.
10. TEMPORARY FACILITIES
    1. Sanitary Facilities: The Contractor to provide adequate sanitary facilities for the construction forces.
    2. Power: The Contractor shall provide temporary power and lighting as required. Connections and disconnections shall be paid by the Contractor.
    3. Water Supply: Water supply is available on site and will be provided for construction usage at no cost.
    4. Communications: Provide and pay for a temporary telephone service to the site-office location.
11. CLEANING
    1. Clean site daily. Keep the site free from debris, unused materials, etc at all times.
    2. Before final inspection, replace glass and mirrors broken, damaged, and etched during construction, or which are otherwise defective.
    3. Include in Work the final cleaning by skilled cleaning specialists on completion of construction.
    4. Remove dust, stains, paint spots, soil, grease, fingerprints, and accumulations of construction materials.
12. DEMONSTRATION OF SYSTEMS AND EQUIPMENT
    1. Give a complete demonstration of all systems and equipment at take-over, for the benefit of the Owner, where applicable.
13. FINAL INSPECTIONS AND CLOSEOUT
    1. Inspection by Contractor to Determine Completion of Work:
        1. The Contractor shall prepare a list of uncompleted and unsatisfactory work from these inspections.
        2. Issue these lists to Subcontractors concerned, and to the Architect.
        3. The deficiencies listed shall be corrected, and the Contractor shall notify the Architect of same.
    2. Final Inspections:
        1. The Contractor, having inspected the Work to establish its completion in accordance with the Contract Documents, and satisfied of its completion, shall request of the Architect a final inspection.
        2. Final inspection(s) shall be scheduled to begin within eight (8) working days of the Contractor's request.
        3. The Architect and Consultants will compile final deficiency lists and issue them to the Contractor and the Owner.
        4. The Contractor shall correct final deficiencies before a date agreed upon by the Contractor and the Architect.
        5. When the Contractor has satisfied himself that these corrections have been completed in a satisfactory manner by his inspection, he shall notify the Architect for re-inspection within five (5) working days of the Contractor's request.
        6. Upon the Architect's approval of completion, the Contractor shall submit an application for a completion certificate.
    3. Substantial Performance Certificate [97.5 Percent (97.5%) Complete]:
        1. The Architect will issue a Substantial Performance Certificate when he is satisfied that outstanding deficiencies, as noted above, have been corrected and the Work is completed.
        2. The date of the Certificate will commence the required forty-five (45) day period before release of holdback.
        3. The Substantial Performance Certificate cannot be issued unless the total value of Work and deficiencies outstanding is less than 2-1/2 percent (2-1/2%) of the total value of the Contracted Work.
    4. Certificate for Release of Holdback:
        1. The Architect will issue a Certificate for Release of Holdback forty-five (45) days after the date of the Substantial Performance Certificate, if satisfied the Work has been completed.
        2. In the event that deficiencies have not been rectified at the date of final completion, the Architect shall determine the amount of money adequately required to have the deficiencies rectified; and the Architect will prepare a Change Order to the Contract in this amount, prior to the release of the Holdback.
    5. Warranty Period:
        1. The Owner will advise the Architect of defects observed during warranty periods.
        2. The Architect will notify the Contractor of these defects and request him to remedy the defects in accordance with the Contract Documents.
        3. The Contractor shall immediately remedy such noted defects.
14. SAFETY REQUIREMENTS
    1. RELATED SECTIONS:
        1. This section must be read in concert with Occupational Health and Safety Act Requirements (OH&S) specifications, and all other relative specifications.
    2. REFERENCES:
        1. Occupational Health and Safety Act. R.S.O. 1990, c.0.1 - Latest Edition.
        2. CSA S269.1-Latest Edition, Falsework for Construction Purposes.
        3. CAN/CSA-S269.2-Latest Edition, Access Scaffolding for Construction Purposes.
        4. FCC No. 301-Latest Edition, Standard for Construction Operations.
    3. CONSTRUCTION SAFETY MEASURES:
        1. Observe the most current construction safety measures of the following:
            1. National Building Code;
            2. National Fire Code of Canada;
            3. Provincial Government, including, but not limited to, most current requirements and standards of the following:
                1. Ontario Building Code Act;
                2. Occupational Health and Safety Act revised Statutes of Ontario, and its regulations;
                3. Workers' Compensation Act;
                4. Fire Protection and Prevention Act;
                5. Dangerous Goods Transportation Act; and
                6. Construction Safety Association of Ontario.
        2. In case of conflict and/or discrepancy, the more stringent requirement shall apply.
        3. Maintain clear emergency exit paths.
        4. Ensure that employees working on this specific project have met training requirements as legislated by the Ontario Occupational Health and Safety Act, R.S.O. 1990, c.0.1, and its regulations.
        5. Where reference is made to jurisdictional authorities, it shall mean all authorities who have, within their constituted powers, the right to enforce the laws of the place of the building.
    4. SAFETY DOCUMENT SUBMISSION
        1. Refer to Occupational Health & Safety Act (OH&S) specifications for Safety Document Submission requirements.
    5. SAFETY DOCUMENT ORGANIZATION
        1. Refer to Occupational Health & Safety Act (OH&S) specifications for Safety Document Organization requirements.
    6. SAFETY DOCUMENT HEADINGS
        1. Refer to Occupational Health & Safety Act (OH&S) specifications for Safety Document Headings requirements.
    7. POST-BID SUBMISSIONS
        1. Provide, after close of bid period, but before award of Contract, if not already provided with tender bid submission, a copy of the following documents:
            1. Valid Letter of Good Standing of the Certificate of Construction Safety Association of Ontario, indicating that the Bidder's current standing falls into one of the following categories:
                1. Certificate of Recognition.
                2. Audit Pending.
                3. In the Process.
                4. Evidence of coverage under the Workers' Compensation Act, R.S.N.S., and a Clearance Certificate indicating that the bidder is in good standing.
        3. Submit Post-Bid Submissions requested by the Consultant, within forty-eight (48) hours of request, in order to be eligible to receive award of Contract.
        2. Subcontractors shall provide, to the Contractor, a copy of the following documents:
            1. Valid letter of Good Standing of the Certificate of Recognition Program, issued to the Bidder by the Construction Safety Association of Ontario, and indicating that the Subcontractor's current standing falls into one of the following categories:
                1. Certificate of Recognition.
                2. Audit Pending.
                3. In the Process.
            2. Evidence of coverage under the Workers' Compensation Act, R.S.N.S., and a Clearance Certificate indicating that the bidder is in good standing.
            3. The Contractor shall provide, within ten (10) days after award of contract, a copy of specified post-bid submissions from Subcontractors for each Subcontract.
            4. In any case, provide requested post-bid submissions, prior to commencement of Work and delivery of material on site.
    8. CONSTRUCTION SAFETY MEASURES
        1. Observe construction safety measures of the most current requirements of the latest edition of National Building Code - Part 8, Provincial Government (Ontario), Workers' Compensation Board, and municipal authority, provided that, in any case of conflict and/or discrepancy, more stringent requirements shall apply.
        2. Electrical lock-out:
            1. Ensure that electrical lock-out procedures are in place, and that a Guarantee of Isolation is obtained, before starting work on any electric circuit or facility.
            2. Provide the Consultant with a written copy of the lock-out procedures, before any electrical work commences on this project.
            3. The electrical lock-out procedures shall be in accordance with the most current requirements of the Provincial Government, Construction Safety Association of Ontario, and Municipal Statutes and Authorities, and shall include lock-out tags, a written record of all events (signed off), etc.
            4. All Guarantees of Isolation, and copies of all lock-out tags, shall be turned over to the Consultant, when the work or live test for which the Guarantee of Isolation was issued, is completed.
            5. Ensure that all individuals working on electrical circuits and facilities are aware of the electrical lock-out procedures; and that the procedures are legibly typed and posted, at the site, at a location accessible to, and frequented by, all workmen.
    9. OVERLOADING
        1. Ensure that no part of Work is subjected to loading that will endanger its safety, or will cause permanent deformation.
    10. FALSEWORK
        1. Design and construct falsework in accordance with CSA S269.1-latest edition.
    11. SCAFFOLDING
        1. Design and construct scaffolding in accordance with CAN/CSA-S269.2-latest edition.
    12. WHMIS
        1. Comply with most current requirements of Workplace Hazardous Materials Information System (WHMIS) regarding use, handling, storage, and disposal of hazardous materials; and regarding labeling and provision of material safety data sheets, acceptable to the Consultant.
        2. Deliver copies of WHMIS data sheets to the Consultant, on delivery of materials.
    13. JOB-SAFETY PLAN
        1. Refer to Occupational Health & Safety Act (OH&S) specifications for Job-Safety Plan requirements.
    14. FIRE SAFETY REQUIREMENTS
        1. Refer to Occupational Health & Safety Act (OH&S) specifications for Fire Safety Requirements.
    15. FIRE PROTECTION AND ALARM SYSTEMS
        1. Fire protection and alarm systems shall not be:
            1. Obstructed;
            2. Shut off;
            3. Left inactive at the end of a working day or shift.
        2. Fire hydrants, standpipes, and hose systems shall not be used for other than fire-fighting equipment.
        3. The Contractor is liable for all costs incurred by the fire department and the Building Owner (and Tenants), resulting from setting off false alarms.
    16. REPORTING FIRES
        1. Know the location of the nearest fire-alarm box and telephone, including the emergency phone number.
        2. Immediately report all fire incidents to the Fire Department, as follows:
            1. Activate nearest fire-alarm box, or
            2. Telephone local fire department.
            3. Where fire-alarm box is exterior to the building, the person activating the fire-alarm box shall remain at the box, to direct Fire Department to scene of the fire.
            4. When reporting a fire by telephone, give location of fire, name and/or number of building, and be prepared to verify the location.
    17. ENVIRONMENTAL PROTECTION
        1. Ensure that pollution and environmental control of construction activities are exercised during the Work, to most current requirements of the federal and provincial environmental acts; including, but not limited to, the latest edition(s) of the Environmental Protection Act, R.S.O. 1990, c.E.19, and all regulations.
    18. CONFINED SPACES
        1. All work in confined spaces shall be carried out in compliance with the Occupational Health and Safety Act, and related regulations.
        2. The Contractor shall provide and maintain all equipment, as required by any person, to enter and/or perform work in a safe manner.
            1. At the Consultant's request, the Contractor agrees to provide to department employees and/or its Consultants, all necessary equipment to enter the confined space; and this Contractor acknowledges that he/she is responsible for the safety and efficacy of this equipment.
        3. The Contractor shall provide and maintain training, as required by the Occupational Health and Safety Act - latest edition.
            1. The Contractor and/or his/her employees shall provide proof of training and qualifications, when requested by the Consultant.
        4. The Contractor shall provide the Consultant with a copy of an "Entry Permit" for each and every entry into the confined space, to ensure compliance therein.
        5. The Contractor shall have a hazardous assessment of the confined space performed.
            1. This Contractor to provide the Consultant with a copy of the hazardous assessment.
        6. For the purposes of this Contract, "confined space" means an enclosed or partially-enclosed space that:
            1. Is not designed or intended for human occupancy, except for the purpose of performing work;
            2. Has restricted means of access and egress; and
            3. May become hazardous to an employee entering it due to:
                1. Its design, construction, location, and/or atmosphere;
                2. The materials and/or substances in it; or
                3. Any other conditions relating to it.
19. OCCUPATIONAL HEALTH AND SAFETY ACT (OH&S) REQUIREMENTS
    1. RELATED SECTIONS:
        1. This section must be read in concert with Safety Requirements specifications, and all other relative specifications.
    2. REFERENCES
        1. Observe the construction safety measures of the latest editions and most current requirements of the following:
            1. National Building Code;
            2. National Fire Code of Canada;
            3. Ontario Building Code Act;
            4. Occupational Health and Safety Act, latest edition, and Regulations including, but not limited to the most current requirements of the following:
                1. Fall-Protection and Scaffolding Regulations;
                2. First-Aid Regulations;
                3. Workplace Hazardous Material Information System Regulations;
                4. Occupational Safety General Regulations;
                5. Workers' Compensation Act;
                6. Ontario Fire Code Reg. 213/07; and
                7. Dangerous Goods Transportation Act, R.S.O. 1990, c.D.1
        2. All construction sites shall conform to the Smoke Free Ontario Act, S.O. 1994, c.10
        3. In case of conflict and/or discrepancy, the more stringent requirement(s) shall apply.
        4. Where reference is made to jurisdictional authorities, it shall mean all authorities who have, within their constituted powers, the right to enforce the laws of the place of the building.
    3. HAZARDOUS MATERIALS
        1. Should material resembling hazardous materials, other than those identified with the Contract Documents, including, but not limited to spray- or trowel-applied asbestos, be encountered in the course of work, stop work immediately. Do not proceed until written instructions have been received from the Consultant.
        2. Where work entails the use, storage, and/or disposal of toxic and/or hazardous materials, chemicals and/or explosives, or otherwise creates a hazard to life, safety, health, or the environment; work shall be in accordance with the jurisdictional authority.
    4. SITE CLEANING
        1. Maintain clear access on/to public sidewalks and roads.
        2. Maintain walks and roads clear of construction materials and debris, including excavated material. Clean walks and roads as frequently as required, to ensure that they are cleared of materials, debris, and excavated material.
        3. Remove snow and ice from public sidewalks.
    5. FIRE SAFETY REQUIREMENTS
        1. Enforce fire-protection methods, good housekeeping, and adherence to local and underwriter(s)' most current fire regulations including, but not limited to, Fire Protection and Prevention Act, and the Ontario Building Code Act. Provide ULC-approved fire extinguishers, and other fire-fighting services and equipment, except where more explicit requirements are specified as the responsibility of individual Sections.
        2. Advise the Fire Chief in the area of Work, of any work that would impede fire-apparatus response; including, but not limited to, violation of minimum overhead clearance as prescribed by the Fire Chief, and/or the erection of barricades.
        3. Fire Separations:
            1. Ensure that fire separations are installed to maintain total integrity, and that they are not breached by Work following their installation.
            2. Replace fire separations which have suffered a lessening of their required rating during construction.
            3. Ensure that nothing subverts the integrity of fire protection provided for the building structure.
            4. Coordinate work of all sections, so that they do not encroach on space required for fire protection and its installation. Ensure that fire protection damaged during construction is totally replaced.
            5. All persons performing welding and/or cutting operations must be qualified to, at least, provincial legislation. See technical specifications to determine if more stringent qualifications are specified.
            6. Welding and/or cutting operations shall not be undertaken without prior authorization, in the form of a written permit from the Consultant.
            7. The permit shall be completed in full; one (1) copy being retained by the Consultant, and one (1) copy by the worker(s). The permit shall be signed by the Consultant, before work can be started; and by the worker, when the work has been completed. The Contractor is to submit, to the Consultant, a copy of the permit, signed by the workers after completion of the work.
            8. Prior to the issuance of the permit, the Consultant shall inspect the work site to ensure that fire-protection equipment is in place, before welding or cutting operations take place.
            9. All welding equipment and torches shall be of an approved type.
    6. REPORTING FIRES
        1. Reporting fires is to be executed in accordance as cited in Safety Requirements specifications for this project.
    7. OH&S DOCUMENT SUBMISSION
        1. Ensure that the OH&S Document submission applies to the Work of this specific Project and site.
        2. Submit two (2) copies of a Project-Specific OH&S Document at the Pre-Construction Meeting, for all Work to be performed on the Project. OH&S Document to be submitted prior to commencement of any work on site, and delivery of any materials to the site.
        3. OH&S Document submission shall contain specific information detailing the methods and procedures to be implemented by the Contractor, to ensure compliance with the OH&S Act and regulations, and any other contractual requirements specified in this section, and to ensure the following:
            1. The health and safety of all persons at or near the Work, including the public.
            2. Compliance with requirements of the regulatory agencies.
            3. All employers, contractors, constructors, suppliers, employees, self-employed persons, owners, providers of service, architects and engineers performing Work under this Contract, comply with the requirements of all applicable regulatory agencies.
        4. Where changes to the Work require changes to the OH&S methods and procedures, modify and resubmit the OH&S Document to the Consultant, prior to implementing the changes.
        5. Organize OH&S Document in the form of a typed instructional manual, using 8-1/2" x 11" paper, with tabbed sections headings. Document to be titled 'OH&S Document - (project title).'
            1. Where drawings are within the safety document, provide with reinforced, punched binder tab. Bind in with text; fold in larger drawings to size of text pages.
        6. Arrange the contents under the following headings:
            1. Employee OH&S Training:
                1. Include a statement indicating that all employees, including Subcontractors working on this specific project, have met their respective company-specific training requirements, and training requirements of the OH&S Act and Regulations; and, as such, are deemed competent by their employer to perform their duties. Include proof of designated competence, where required by the OH&S Act.
            2. Company Safety Policy:
                Provide the company's Occupational Health & Safety Policy. Include information pertaining to the employees rights under the OH&S Act, and provide details on the assignment of responsibility and accountability of managers, supervisors, and employees.
            3. Company Safety Rules:
                1. Provide company general safety information applying to every work environment where the company has staff, and indicating compliance with the policy on items including, but not limited to, use of personal protective equipment, CSA approval on such items, and use of alcohol and/or non-prescription drugs. Include company disciplinary policy for violations of company rules, and violations of OH&S Act and/or Regulations, including policy for dealing with violations of Subcontractors.
            4. Hazard Identification System:
                1. Provide details on the system to be used to evaluate the Project, to identify potential hazards, as well as details on the Project-specific hazards identified from said assessment. Include information on procedures and schedules for regular inspections, procedures for ensuring the reporting of hazards, and the accountability of persons responsible for the correction of hazards. Describe the scheduling and recording of informal inspections, formal written inspections, written hazard assessments, and include each in the assessment. Indicate how ongoing hazard assessments, and the methods to control these new hazards, will be communicated to all persons on the Project. Identify the Subcontractor's responsibilities for hazard assessments and inspections of their own work and employees.
            5. Supervision:
                1. Identify, in the submission, the General Contractor's employee, designated to control and oversee all OH&S-related matters on the Project; including the monitoring of all activities of all persons on the Project, and the methods and procedures to be used by this employee to ensure compliance with the OH&S Act and Regulations.
            6. Emergency Action Plan:
                1. Provide the following information:
                    1. First-aid services: Include location of first-aid stations, attendants, services, supplies, and the posting of first-aid information.
                    2. Posting of information: Include information identifying trained emergency-response staff, phone location for emergency use, project address, and all necessary emergency-service phone numbers and locations.
                    3. Fire Protection: Advise local fire-fighting authority in the area of Work, of Project start-up date; and provide fire-fighting authority access to, and a tour of, the Project, prior to commencement of Work. Advise the fire-fighting authority, during the Project, of any Work that would impede fire-apparatus response; including, but not limited to, reduced overhead clearances, erecting of fences/gates/barricades, and digging of trenches. Include reporting of fires procedures.
                    4. Work Stoppage: Provide information on the securing of areas during emergencies, and how information is communicated to persons present on site during such emergencies.
            7. Joint Occupational Health & Safety Committee (JOHSC):
                1. Provide rules of procedure under which the JOHSC will operate, including, but not limited to, membership details, meeting schedules, posting of meeting minutes, chairing of meetings, and the role of the JOHSC on the Project. Provide information on safety representatives' roles and responsibilities on the Project, during periods where a JOHSC is not in place.
            8. Project Security/Access Plan:
                1. Provide a site plan, including, but not limited to, vehicle access, employee access, gates, fencing, hoarding, and general site security.
            9. Communication of Information:
    8. Describe methods to be used to communicate all OH&S-related information to all persons on the project. Information is to include, but not be limited to, the posting of first-aid information, JOHSC members names, JOHSC meeting minutes, copies of the OH&S Act and Regulations, copies of ongoing inspections and hazard assessments, etc.
        1. JOB-SAFETY PLANProvide a job-safety plan, which is comprised of the following minimum requirements:
            1. Copy of company safety policy;
            2. Copy of company safety rules and compliance;
            3. Identification of site-specific hazards, and conduct job-safety analysis;
            4. Copy of work procedures, showing how the company is to address the identified hazards;
            5. Established requirements for job-safety planning and communications; and
            6. Emergency numbers: fire, ambulance, hospitals, emergency-response planning, etc.
        2. Provide, and have readily accessible at all times, all safety equipment, including rescue equipment, as required, and training, as required, to ensure safe use of all safety equipment.
        3. Provide direction to all contracting forces, as required, to ensure that work is performed in a safe manner at all times.
    9. MONTHLY OH&S SUMMARY SUBMISSION
        1. Submit the OH&S Summary form, completed and signed, with each monthly progress estimate. A copy of the OH&S Summary form is included at the end of this section.

ENVIRONMENTAL PROTECTION

1. GENERAL
    1. Work of this Contract will be performed in such a manner as to prevent environmental damage to property.
    2. It is the responsibility of this Contractor to ensure that regulations respecting protection of the environment during the Work of this Contract are understood and followed. Obtain necessary permits and approvals from authorities having jurisdiction.
2. FIRES
    1. Fires and burning of rubbish, on site, are not permitted.
3. DISPOSAL OF WASTES
    1. Do not bury rubbish and waste materials on site, unless approved.
    2. Do not dispose of waste or volatile materials, such as mineral spirits, oil, and/or paint thinner, into waterways, storm, and/or sanitary sewers.
4. DRAINAGE
    1. Do not pump water containing suspended materials into waterways, sewers, and/or drainage systems.
    2. Control disposal and/or run-off of water containing suspended materials and/or other harmful substances, in accordance with local authorities' requirements.
5. POLLUTION CONTROL
    1. Maintain temporary erosion and pollution-control features installed under this Contract.
    2. Cover and/or wet-down dry materials and rubbish, to prevent blowing dust and debris. Provide dust control for temporary roads.
    3. Promptly clean up and remove, from the site, construction waste, debris, and trash.
    4. Inspect areas accessible to the public during construction, such as temporary parking areas, walkways, etc., for trash, debris, accumulation of mud, etc. Promptly clean up, as necessary.
    5. Control emissions from equipment and plant, to emission requirements of local authorities.
    6. Provide temporary enclosures, in order to prevent sandblasting, and other extraneous materials, from contaminating air beyond application area.

SUMMARY OF WORK

1. NATURE OF CONTRACT
    1. To supply and install all materials and labour necessary to complete the interior renovations as indicated on the drawings including but not necessarily limited to all demolition, partitions, ceilings, finishes, doors, frames & finish hardware, interior windows, and millwork.
2. EXAMINATION
    1. Examine the site and ensure that each Section performing work related to site conditions has examined it, so that all are fully informed on all particulars which affect the work thereon and at the place of building, and in order that construction proceeds competently and expeditiously.
    2. Install Work with fastenings or adhesives in sufficient quantity to ensure permanent, secure anchorage of materials, construction, components, and equipment. Space anchors within limits of load-bearing or shear capacity.
3. PROTECTION OF WORK, PROPERTY, AND PERSONS
    1. Include in Work necessary methods, materials, and construction to ensure that no damage or harm to Work, materials, property, and persons results from the Work of this Contract. Temporary facilities relating to protection are the responsibility of the Contractor.
    2. Protect and, if damaged, make good, adjacent private and public property.
    3. Protect finished surfaces of completed Work from damage by restriction of access or by use of physical means suitable to the material and surface location. Establish with each Subcontractor the suitability of such protection in each case.
    4. Notify the Architect of any unused utility services encountered during Work. The Owner shall be responsible to have the relocation, removal, protection, and capping of existing utility services performed only by the applicable utility, and of other services by licensed mechanics.
4. FASTENINGS
    1. Install metal-to-metal fastenings fabricated of the same metal, or of a metal which will not set up electrolytic action causing damage to fastenings or components, or both, under moist conditions. Use non-corrosive or galvanized-steel fastenings for exterior Work.
    2. Install Work with fastenings or adhesives in sufficient quantity to ensure permanent, secure anchorage of materials, construction, components, and equipment. Space anchors within limits of load-bearing or shear capacity.
5. SALVAGE
    1. Unless otherwise specified, salvaged material resulting from construction, and surplus materials and construction debris, shall become the property of the Contractor, who must dispose of it away from the site.

DIVISION 2 - SITEWORK

1. JOB CONDITIONS
    1. Protection:
        1. Ensure that adjacent private and public properties, both within and without the premises, are protected from damage resulting from Work of this Section. Install protection consisting of barricades, signs, and substantial constructions to provide physical protection.
        2. Erect shoring, bracing, and other structures to prevent collapse, settlement, and movement of property.
        3. Weatherproof openings made in walls and roofs of existing buildings left remaining, immediately after they are opened.
        4. Protect and support conduits, drains, pipes, and wires to remain, and subject to damage by construction activities.
        5. Protect Finishes to remain, from marring and other damage. Maintain and leave protection in place until surface protected is no longer subject to damage by construction operations.
        6. Promptly repair damaged adjacent facilities to remain, due to demolition operations, at no additional cost.

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NORTH

STAMP

NO.	DESCRIPTION	DATE
1	ISSUED FOR TENDER/CLIENT REVIEW	2024-04-03
2	ISSUED FOR TENDER/CONSTRUCTION	2024-04-10
3	ISSUED FOR TENDER R1	2024-12-09

SPECIFICATIONS

KITCHENETTE DESIGN

8141 MARTIN GROVE RD
VAUGHAN, ON
L4L 3W9

SCALE	1" = 1'-0"
DATE	2024-12-09 12:47:29 PM
DRAWN	VK
CHECKED	JH
PROJECT NUMBER	24016
SHEET	ID9.0

FILE NAME: X:\Organica Projects\2024\24016 - 8141 Martin Grove Rd. - Father E. Bulfon C.C\Revit Model\2024-12-09 - 8141 Martin Grove Rd.rvt
PLOT DATE: 2024-12-09 12:47:29 PM

DIVISION 6 - WOOD AND PLASTICS

1. ROUGH CARPENTRY
   1. Description:
      1. Work Included:
         1. Blocking and lumber for securing frames, partitions, and millwork.
         2. Strapping, bridging, and sheathing.
         3. Framing for walls, bulkheads, partitions, etc., where not done in metal framing.
         4. Installing door frames and screens.
         5. Installing metal fabrications.
         6. Installing insulations.
   2. Materials:
      1. Conform to latest edition of Ontario Building Code.
      2. Grade mark lumber by the appropriate association under authority of the National Lumber Grades Authority.
      3. Moisture content of lumber at time of building-in shall not exceed 19 percent (19%).
      4. Lumber: Spruce-Pine-Fire Species Group Designation framing lumber, with no more than 15 percent (15%) of next lesser of specified grade included.
      5. Sheathing (Roof and Wall): Spruce plywood, exterior grade.
      6. Nails, Spike, and Staples: To conformance with CSA Standard B111- Latest Edition; galvanized for exterior Work at interior high-humidity areas and for treated lumber; plain finish elsewhere. Use spiral shank nails generally.
      7. Fasteners: To hollow masonry, use toggle bolts; to solid masonry and concrete, use expansion shields and lag bolts; to steel, use bolts or welded stud fasteners. Use lead or inorganic fibre plugs for fasteners in concrete and masonry. Provide washers at bolt heads and nuts. Galvanize fasteners for exterior Work, at high-humidity interior areas, and for treated lumber.
      8. Wood Preservative: Copper naphthenate or pentachlorophenol solution to meet specified requirements of CSA Standard 080-Latest Edition. Use colourless where wood is exposed to view, and use coloured otherwise.
   3. Installation
      1. Conform to requirements of OBC Part 9 for joists, studs, other framing and sheathing.
      2. Lay out Work carefully and to accommodate Work of others. Cut and fit accurately; erect in position indicated by Drawings; align, level, square, plumb, and secure Work permanently in place. Brace Work temporarily as required. Join Work only over solid backing. Set nail heads where exposed to view.
      3. Dampproofing: Install dampproofing membrane between wood members, and concrete and masonry.
         Wood Preservative: Apply one (1) coat of wood preservative to wood items of rough carpentry incorporated with roofing systems, and installed in contact with concrete or masonry on the interior. Treat all surfaces, including freshly-cut ends.
2. FINISH CARPENTRY
   1. Work Included: To supply casework millwork fabricated from plywood/MDF sheathing, thermally-fused melamine panels, plastic laminates, catalyzed lacquer/sadolin finishes, and commercial / ornamental hardware, but not restricted to the following:
      1. Wood at cased openings.
      2. Base boards.
      3. Wood caps.
      4. Counters and cabinets & cabinet hardware.
      5. Mouldings.
      6. Railings.
   2. Work Installed but Furnished by Other Sections:
      1. Hollow-metal frames for setting in steel stud walls.
      2. Wood doors.
   3. Finishing hardware other than cabinet hardware specified in this Section.
3. Related Work Specified in Other Sections:
   1. Miscellaneous metal framing/brackets.
   2. Plastic laminate and countertops.
   3. Glass and glazing.
   4. Backpriming and finish painting.
4. Standing and Running Trim:
   1. Interior: Interior base, casing, Grade A birch painted.
5. Standing and Running Trim:
   1. Butt and cope internal joints of baseboards to make snug, tight joint. Cut right angle joints of casing and base with mitered joints.
   2. Fit backs of baseboards, mouldings, and casings snugly to wall surfaces to eliminate cracks at junction of base and casing with walls.
   3. Make joint in baseboard, where necessary, using a 45 deg scarf-type joint.
   4. Install door and window trim in single lengths without splicing.
6. Casework:
   1. Install casework plumb with countertops, level to 1/16" in 10'.
   2. Level base cabinets.
   3. Fit closure strips and scribe to irregularities to adjacent surfaces.
   4. Secure cabinets to floor and wall construction using masonry anchors or toggle bolts in drywall partitions, spaced at maximum of 30" o.c., minimum two (2) for each cabinet.
7. Materials:
   1. For drawer sides, backs, and fronts, use 1/2" solid Baltic Birch, 9-ply, shop finished in catalyzed lacquer.
   2. Use solid, hardwood, edge strips on edges of plywood. Use hardwood to match plywood veneer face.
   3. Particleboard: To meet specified requirements of CAN3-0188.1- Latest Edition, minimum 3/4", 42 lb. density.
   4. Plastic Laminate:
      1. To meet specified requirements of CSA Standard A172- Latest Edition.
      2. For Countertops: General-Purpose Grade, Standard Type 1/16" thick.
      3. Backing Sheet: In same thickness as face sheet.
      4. Surface Finish: Smooth finish, except for backing sheet.
      5. Colour: as indicated on drawings.
   5. Hardboard: To meet specified requirements of CGSB Specification 11-GP-3b, Type 2. In lieu of testing procedures, attach labels attesting to conformance with reference specification. For drawer bottoms, use 1/4" nominal pre-finished hardboard.
   6. Solid Surface Product: Solid acrylic, 1/2” thick sheet, complete with 1-1/2” thick round edge face.
   7. Cabinet Hardware: Contractor to submit samples and itemized list of all casework hardware to be utilized. Hardware shall be premium grade. All plastic fittings and components shall be rejected.
      1. Hinges: European-style, concealed hinges with steel screwed hinge bowls (nickel-plated), steel hinge arm (nickel-plated), capable of 3-way adjustment. Hinges to be self-closing with 110˚ opening. Only Premium Heavy-Duty Grade hinges by Blum, Hettich, or Mepla are acceptable.
      2. Door and Drawer Pulls: RICHELIEU CONTEMPORARY METAL PULL - BRUSHED NICKEL #BP5632596195. Pulls shall be through-bolted from the back side, countersunk, and lock washers provided.
      3. Drawer Slides: Commercial-duty, metal drawer slides with full extension design, side mounting, and lift-out removal features. Slides shall be cold-rolled steel, zinc-plated with full steel ball bearings. Load capacity rating of one hundred pounds (100 lbs.) for drawers. Two hundred pound (200 lb.) capacity slide for heavy-duty storage slides. Slides shall be Accuride 3832 Series and Accuride 3640 Series, or Waterloo 3000 Series.
      4. Drawer Locks: Commercial-duty, inlaid, mini locks, complete with 8-pin lever and master-key system. Provide key-schedule shop drawings. Locks shall be Hafele inlaid lock, mini lock 40, with cylinder.
      5. Shelf Standards: Flush, full-length, recessed metal pilaster strips with metal pilaster clips in zinc. Standards to be Knape and Vogt or Roll-It #00120 BZ, complete with shelf-support clip #00101 BZ.
      6. Door Bumpers: 3/8" diameter and 1/8" thick.
      7. Desk Grommets: Two-piece, black plastic, 40 mm or 80 mm bore complete with spring closure.
      8. Fabrication:
         1. General: Assemble Work in mill in units as large as possible. Design units to fit together as one unit if site assembly is required.
         2. Trim:
            1. Rout or groove backs of flat trim members.
            2. Kerf backs of wide flat members.
            3. Fastening:
               1. Fasten Work with nails generally, but use screws or special fasteners at critical joints by specified, quality-grade standards.
               2. Glue built-up work, as well as nailing and screwing.
               3. Blind nail unless impossible.
               4. Set finishing nails below finished surfaces.
            4. Plastic Laminate Facing:
               1. Apply plastic laminate to poplar-faced, phenolic bonded plywood, or to particleboard, minimum 3/4" thick, or as otherwise indicated on Drawings.
               2. Bond plastic laminate to backing with urea formaldehyde adhesive, or by methods of equal or better quality, recommended by the plastic-laminate manufacturer.
               3. Seal edges of cutouts with plastic laminate, or where concealed from view by other methods that will prevent entry of moisture into core.
               4. Bond plastic-laminate self-edges under pressure, and bevel and finish smooth finished corners.
               5. Round corners of holes cut through plastic laminate, and file them smooth.
               6. Make joints only when lengths of plastic laminate facing exceeds 12'-0". Butt joints together, reinforce core with 1/4" hardwood blind splines, and lock together with Tight Joint fasteners located at a maximum of 3" from edges.
               7. Use backer sheets and double-face panels, as required, to prevent warping.
            5. Coating System:
               1. All finishing systems shall conform to the Architectural Woodwork Institute AWI System #9 - Catalyzed Lacquer System, utilizing Chemcraft “Plasticolor” and/or Pierce and Steven's “Resistant.” Premium-grade Chemcraft “Sadolin” Atlantic Products for closed-grain woods to be utilized.
      9. Installation:
         1. Cuttings and Fittings:
            1. Cut mouldings with sharp, true profiles.
            2. Cope trim and mouldings at interior corners and at returns.
            3. Mitre trim and mouldings at exterior corners. Glue and lock shop mitres that are over four inches (4") from heel to point.
            4. Scribe and join Work accurately together and to other Work, to fit tightly and with flat, smooth surfaces. Install trim or filler panels to close gaps.
         2. Fastening:
            1. Fasten Work with nails generally, but use screws or special fasteners at critical joints where strain, usage, and excessive shrinkage is anticipated, and where specified quality-grade standards require.
            2. Blind nail unless impossible.
            3. Set finishing nails below finished surface to receive putty.
         3. Installation of Hollow-Metal Frames:
            1. Set in place for building in.
            2. Anchor frames to floor as provided for by anchor clips.
            3. Brace frames in place to prevent displacement until permanently anchored.
            4. Remove spreaders at floor after frames are anchored.
         4. Installation of Doors:
            1. Install wood doors after finishing of walls.
            2. Install hollow-metal doors.
            3. Fit wood doors with 3/32" clearance at jambs and heads, and 3/8" over finished flooring.
            4. Trim hinge-side of wood doors to fit, and bevel latch edges as required.
            5. Ensure that top and bottom edges of wood doors are primed after they are cut to fit.
            6. Install grilles in wood doors, supplied as specified in other Sections.
            7. Undercut wood doors where indicated on Door Schedule.
         5. Installation of Finishing Hardware:
            1. Install finishing hardware.
            2. Make cuts in wood doors neatly.
            3. Accurately locate and adjust hardware to meet manufacturer's instructions. Use special tools and jigs as recommended.
            4. Install hardware, and trim square and plumb to doors.

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

1. BUILDING INSULATION
   1. Description:
      1. Work Included:
         1. New sound batt insulation for acoustic applications in walls.
         2. R-20 Batt insulation to be installed above ceiling where indicated. (keep a minimum of 6” away from light fixtures.)
      2. Materials:
         1. Glass Fibre Batts: To meet specified requirements of CSA Standard A101- Latest Edition, Type 1A, with a thermal resistance, R-value as noted on Drawings.
2. JOINT SEALANTS
   1. Description:
      1. Work Included:
         1. Perimeter joints of exterior and interior hollow-metal door and screen frames, and of other metal-door and louvre frames.
         2. Interior and exterior exposed joints, between dissimilar materials not concealed from view.
         3. Full length of exterior door saddles.
         4. Joints at top of all floor bases, counters, and cabinets.
         5. Quarry tile control joints in field panel seams and perimeter.
         6. Perimeter of power-door accessories as required.
   2. Warranty:
      1. Defective work shall include, but not be restricted to, joint leakage, hardening, cracking, crumbling, melting, bubbling, shrinkage, running, change of colour, loss of adhesion, loss of cohesion, or staining of adjoining or adjacent work or surfaces.
      2. Replacement shall include removal of defective materials, preparation and application of new material, and the repair and making good of damaged adjacent work.
   3. Materials:
      1. Sealants:
         1. Colours of sealants will be selected from manufacturer's standard range, to match abutting materials.
         2. Acrylic Solvent Release, One (1) Part, Sealant: To meet specified requirements of CGSB Specification 19-GP-5M.
         3. Silicone Sealant: One (1) Part Sealant: To meet specified requirements of CGSB Specification CAN2-19.13- Latest Edition.
         4. Two (2) Parts Polyepoxide Urethane Sealant: To meet specified requirements of CGSB Specification 19-GP-24M. Dymeric by the Tremco Manufacturing Company (Canada) Limited.
         5. Butyl sealants and tape, as recommended for copper roofing.
      2. Primer: Specifically designed for use with sealant compounds on surfaces encountered, and as specified by the compound manufacturer, to ensure adhesion of compound, and to prevent staining of substrate materials.
      3. Sealant Backing (Bedding Material): Extruded, foamed, closed-cell, round, polyethylene rod, 25 percent (25%) wider than joint width, and manufactured especially for the purpose.
      4. Void Filler: Loose glass fibre.
   4. Preparation: Remove by brushing, scrubbing, scraping, or grinding loose, all mortar, dust, oil, grease, oxidation, mill scale, coatings, and all other materials affecting bond of compounds, from surfaces to which sealant compounds must adhere, except for painted surfaces.
   5. Application:
      1. Prime surfaces to receive sealants, as required by substrate and manufacturer's specifications, to ensure positive and permanent adhesion, and to prevent staining.
      2. Pack joints tightly with sealant backing at depth specified for sealant. Fill other voids with filler.
      3. Caulk joints in site-painted materials after adjacent surfaces have been painted. Match compound to paint colour.
      4. Do not allow sealants to cover or spot surfaces outside of joints. Use masking tape protection to protect coating of adjacent surfaces, if necessary.
   6. Cleaning: Remove sealant smears and droppings and masking tape immediately on completion of caulking.
   7. Caulking Schedule:
      1. Sealant Type 1: Dymeric Sealant or Dueflex by Sternson. Use at all locations, except where another is specified.
      2. Sealant Type 2: Mono 555 by Tremco or Acryflex by Sternson. Use at exterior joints between window and door frames and masonry.
      3. Sealant Type 3: One (1) Part Silicone Sealant. Use to seal polyethylene sheet lap joints.
      4. Sealant Type 4: Tremco Acoustical Sealant to be utilized on drywall systems for reducing acoustical sound transmission.
      5. Sealant Type 5: Butyl Tape, as recommended by copper manufacturer.

DIVISION 8 - DOORS AND WINDOWS

1. DOORS AND FRAMES
   1. Description:
      1. Work Included: To supply and install doors and frames, as follows:
         1. Doors as scheduled.
         2. Frames as scheduled.
      2. Related work performed by other Sections:
         1. Door and hardware installations.
         2. Painting.
         3. Joint sealant.
         4. Supply of finish hardware.
         5. Building-in of frames into steel stud walls.
   2. Materials:
      1. Steel Sheet: Cold-rolled, stretcher-levelled, to meet specified requirements of ASTM Specification A366- Latest Edition or SAE Specification 1010: galvanized sheet, commercial quality, to meet specified requirements of ASTM Specification A526- Latest Edition.
      2. Galvanizing:
         1. Wiped-coated sheet; zinc-wiped coating, 0.25 oz./ft2.
         2. Galvanized accessories; zinc coating to meet specified requirements of CSA Standard G164- Latest Edition.
      3. Zinc-Rich Paint: To meet specified requirements of CGSB Specification 1-GP-181M.
      4. Rubber Bumpers: Single stud type.
   3. Fabrication: Prepare frames for specified hardware with mortises and reinforcement. Drill and tap to template information. Incorporate steel reinforcement of 16 ga. for locks, strikes, and flush bolts; and of 10 ga. for hinges, push-pulls, and panic devices.
   4. Doors: Fabricate doors with top and bottom channels flush and filled solid, extending full width of door, and welded to both faces. (N/A)
   5. Frames:
      1. Cut mitres and joints accurately and weld continuously on inside of frame profile.
      2. Grind welded corners and joints to flat plane, fill with metallic paste filler, and sand to uniform smooth finish.
   6. Frame Installation:
      1. Set frames plumb, square, level, and at correct elevation.
      2. Secure anchorages and connections to adjacent construction.
   7. Door Installation: Install doors and hardware in accordance with hardware templates and manufacturer's instructions.
   8. Finish Repairs: Touch up with primer all galvanized finishes damaged during installation.
   9. Sealants: Caulk edges of door frames to drywall surface. Colour to match frame, or approved equal.
2. WOOD DOORS
   1. Description:
      1. Work Included: To supply wood doors as shown or specified.
   2. Quality Assurance: Ensure that fire-rated doors, together with specified frames, hardware, and installation, meet requirements of ULC, and attach ULC labels for specified rating.
   3. Environmental Requirements: Install doors only in areas that have dried out, and where no further installation of damp materials is contemplated.
   4. Warranty: Defective Work shall include, but not be restricted to surface blemishes, showing of core ghost lines, splitting, delamination, sagging, deterioration of core, and warping and twisting in excess of deformation allowed by CSA Standard 0132.2- Latest Edition.
   5. Materials:
      1. Cores of flush doors: To meet specified requirements of CSA Standard 0132.2- Latest Edition.
         1. For solid-core doors: Wood and solid particle board with minimum 450 KG/M3 density.
         2. Wood-Veneer Facing: 3-ply, to meet specified requirements of CSA Standard 0132.2- Latest Edition.
            1. wood veneer factory stained, (Baillargeon 8500 ME)
   6. Fabrication:
      1. All doors shall be 1-3/4" thick, solid-core construction.
      2. Incorporate solid wood blocking at locations where hinges, locksets, closures, and similar hardware is installed and applied.
      3. Indicate top and hinge side on each door.
   7. Installation:
      1. Fit wood doors with 3/32" clearance at jambs and heads, and 3/8" over finished flooring or threshold.
      2. Trim hinge side of wood doors to fit, and bevel latch as required.
      3. Ensure that top and bottom edges of wood doors are primed after they are cut to fit.
      4. Install grilles, and undercut wood doors, where required.
3. FINISH HARDWARE
   1. Description:
      1. Work Included: To supply finish hardware for all doors having set numbers on floor plans as scheduled and specified.
      2. Work Specified in Other Sections:
         1. To make provisions for hardware in pressed-steel frames.
         2. Rubber door bumpers.
      3. Hardware Not Included in this Section is Specified Under Work of the Following Sections:
         1. Cabinet hardware as specified.
      4. Hardware Specified in this Section is Supplied Only, and is Installed as Part of the Work of Other Sections Listed as Follows:
         1. Finishing carpentry: To install hardware.
   2. Submittals:
      1. Schedule: Submit Finish Hardware Schedule. Identify all doors individually, to Door and Hardware Institute procedures, clearly showing hardware legend numbers used in specification.
      2. Keying Schedule: Submit Keying Schedule for review.
      3. Templates: Submit templates to Contractor for use by installers and fabricators as required for proper location and installation of hardware.
      4. Maintenance and Operating Instructions: Submit maintenance, operating, and installation instructions for installation purposes, and for incorporation in Project Data Book.
   3. Products:
      1. Work on same materials shall have consistent colour and finish throughout Project. All product finishes shall match when viewed approximately two (2) feet apart, and three (3) feet away, on the same plane, and under the same environment. All products shall be finished to Builders Hardware Manufacturer's Association Product Standards.
      2. Furnish products with all necessary screws, bolts, sex bolts, expansion shields, toggle bolts, or other hardware fastening of suitable size and type to anchor the hardware in position for heavy use and long lift. Material and finish of fastener shall harmonize with the hardware item.
   4. Keying:
      1. All locks to be keyed to a Master Key System as per landlord’s standards. Coordinate Master Keying with aluminum door supplies.
      2. Supply four (4) master keys.
      3. Supply two (2) keys per lock.
      4. Prepare Keying Schedule in conjunction with Owner's representative, and submit to Architect for approval.
      5. Tag keys to each applicable opening before turning over to Owner.
4. GLAZING
   1. Description:
      1. Work Included: To complete glass and glazing as shown or specified.
   2. Materials:
      1. Glass:
         1. Heat-Treated Glass: Clear tempered glass, 1/4", to meet specified requirements of CAN2-12.1- Latest Edition, Type 2, Class Transparent.
         2. One-Way Mirror Glazing: 1/4” thick as noted on drawings.
      2. Glazing Accessories:
         1. Setting Blocks: Neoprene, of durometer hardness of Shore "A" 70 to 90.
         2. Spacer Shims: Neoprene, of durometer hardness of Shore "A" 40 to 50.
   3. Glazing Sealants:
      1. One (1) Part Polysulphide Glazing Sealant: To meet specified requirements of CGSB Specification 19-GP-13M, in glazing hardness grade.
      2. Glazing Tape: Eternaflex by Gibson-Homans Co., Parflex by Parr Sealants, PC Butyl-Lock by Products Research and Chemical Corp., or Tremco 440 by the Tremco Manufacturing Company (Canada) Ltd.
      3. Mastic Compound: To meet specified requirements of CGSB Specification 19-GP-2M.
      4. Glazing Compound: To meet specified requirements of CGSB Specification 19-GP-6M.
      5. One (1) Part Acrylic Glazing Sealant: To meet specified requirements of CGSB Specification 19-GP-5M, in glazing hardness grade.
      6. One (1) Part Silicone Glazing Sealant: To meet specified requirements of CGSB Specification 19-GP-9Ma, in glazing hardness grade.

DIVISION 9 - FINISHES

1. GYPSUM BOARD
   1. Description:
      1. Work Included: To complete gypsum wallboard systems as shown or specified, but not restricted to the following:
         1. Gypsum wallboard partitions, ceilings, bulkheads, ducts, and pipe enclosures.
         2. Sound attenuation blanket.
         3. Caulking at fire-rated construction.
         4. Setting pressed-steel door frames and screens in gypsum wallboard assemblies.
         5. Installation of access panels in gypsum wallboard walls and ceilings.
   2. Quality Assurance:
      1. Requirements of Regulatory Agencies: Install fire separations and fire protection exactly as specified in Underwriters' Laboratories test design specification that validates the specified rating.
   3. Environmental Requirements:
      1. Install Work only in areas closed and protected against weather, and maintained between 10˚C and 21˚C. In cold weather, ensure that heat is introduced in sufficient time, before Work commences, to bring surrounding materials up to these temperatures, and that it is maintained until materials installed by this Section have cured.
      2. Do not install Work in any area unless satisfied that Work in place has dried out, and that no further installation of damp materials is contemplated.
   4. Materials:
      1. Gypsum Board: CSA A82.27- Latest Edition.
         1. Standard Gypsum Wallboard: With tapered edges, 1/2" thickness for walls and ceilings.
      2. Joint Materials:
         1. Joint Reinforcing Tape: 2" x 0.012" thick, perforated paper, with chamfered edges.
         2. Joint Compounds: Latex, resin base, possessing good adhesion, mixed with fresh, unadulterated water, having no detrimental effect on compounds.
   5. Accessories:
      1. Incorporate accessories with flanges suitable for board thickness and joint finishing.
      2. Corner Beads: 25 ga. steel, wiped coated, as CGC Dur-A-Bead.
      3. Casing Beads: 25 ga. steel, wiped coated, channel shaped, as CGC No. 200A.
      4. Control Joint: Crimped roll-formed zinc, as CGC No. 093, with flanges for tape reinforcement, or two (2) casing beads, set with gap for movement, and backed with flexible air seal membrane.
      5. Fastenings and Ties:
         1. Screws: Phillips head, drywall screws, with corrosion-resistant finish, for wood furring: #6 x 1-1/4" for single-thickness board fastening, and #7 x 1-5/8" for double-thickness board fastening.
      6. Furring System:
         1. Carrying Channels: 1-1/2" thick, cold-rolled steel, prime painted.
         2. Furring Channels: 3/4" thick, cold-rolled steel, prime painted, hat type with knurled face.
         3. Ceiling Hangers: #9 zinc-coated, annealed, steel wire.
      7. Sealant:
         1. Acoustical Sealant: Acoustical Sealant as manufactured by Saint Gobian (Green Glue) or Tremco Manufacturing Company (Canada) Ltd.
      8. Insulation:
         1. Sound attenuation batts as manufactured by Roxul, Owens Corning or CertainTeed.
         2. Insulation – R-Value as indicated on the drawings manufactured by Roxul or Owens Corning or Certainteed.
   6. Installation:
      1. General:
         1. Coordinate the Work of this Section with that of other Sections.
         2. Do not apply drywall in close proximity to hot pipes or heating ducts.
         3. Install materials with minimum of joints. Tightly butt joints, without force, and neatly align them.
         4. Coordinate Work with Rough Carpentry Section to ensure that proper wood blocking for support of items secured to Work of this Section is installed and anchored adequately to prevent damage to Work of this Section. Consider such items a plumbing fixtures, cabinets, grabrails, handrails, and similar items, which in use, will subject wallboard to strain, and ensure that their own support has been provided.
         5. Framing and furring shown on Drawings is indicative, but do not regard it as exact or complete.
         6. Frame openings on every side with suitable sections. Provide clearances required at mechanical and electrical services, such as grilles, diffusers, access panels, and lighting fixtures, only after verification of requirements in each case.
         7. Attach to framing adequate, steel, reinforcing members to support the load of, and to withstand the withdrawal and shear forces imposed by, items installed upon the Work of this Section.
         8. Include in Work, bulkheads over doors, frames, screens, and changes in ceiling levels; furred beams; and pipe spaces; all as indicated on Drawings.
         4. Coordinate Work with Rough Carpentry Section to ensure that proper wood blocking for support of items secured to Work of this Section is installed and anchored adequately to prevent damage to Work of this Section. Consider such items a plumbing fixtures, cabinets, grabrails, handrails, and similar items, which in use, will subject wallboard to strain, and ensure that their own support has been provided.
         5. Framing and furring shown on Drawings is indicative, but do not regard it as exact or complete.
         6. Frame openings on every side with suitable sections. Provide clearances required at mechanical and electrical services, such as grilles, diffusers, access panels, and lighting fixtures, only after verification of requirements in each case.
         7. Attach to framing adequate, steel, reinforcing members to support the load of, and to withstand the withdrawal and shear forces imposed by, items installed upon the Work of this Section.
         8. Include in Work, bulkheads over doors, frames, screens, and changes in ceiling levels; furred beams; and pipe spaces; all as indicated on Drawings.
   7. Adjustment and Cleaning:
      1. Remove droppings and excess of joint compound from Work of others, and from Work of this Section, before it sets.
      2. Make good to cut-outs for services and other Work; fill in defective joints, holes, and other depressions with joint compound.
      3. Make good defective Work, and ensure that surfaces are smooth, evenly textured, and within specified tolerances to receive finish treatments.
      4. Clean off beads, casings, and other metal trim, and leave all surfaces ready for specified finishes.
2. RESILIENT FLOORING
   1. Description:
      1. Work Included: To complete interior VCT,LVT & Heterogeneous Sheet Flooring and rubber base as shown or specified. This section shall provide for barricading and protection of flooring. This section shall be responsible for caulking tile areas.
   2. References
      1. CSA A126.1- Latest Edition, Vinyl Composition Floor Tile.
      2. CAN/CSA - A126.5- Latest Edition, Resilient Wall Base.
      3. CAN/CGSB-25.20- Latest Edition, Surface Sealer Floors.
      4. CAN/CGSB-25.21- Latest Edition, Detergent-Resistant Floor Polish.
   3. Quality Assurance
      1. All work is to be performed by qualified tradesmen in strict accordance with the requirements of the National Floor Covering Association Specification Standards Manual, and the manufacturer’s recommendations applicable to the type and condition of Work.
   4. Maintenance Data & Materials
      1. Provide maintenance data for each type of resilient tile flooring for incorporation into Operation and Maintenance Manuals.
      2. Deliver to Owner upon completion of work, and as the Owner directs, five percent (5%) of each type, pattern, and colour of flooring material, complete with adhesive required for this project, for maintenance use.
      3. Maintenance materials to be from same production run as installed materials.
      4. Clearly identify each box of floor material and each container of adhesive.
      5. Store where directed by Owner.
   5. Warranty
      1. Provide a one (1) year extended warranty for the Work of this Specification Section beyond the expiry date of the standard one (1) year warranty stated in the General Requirements of Contract.
      2. Any and all defects in workmanship and materials shall be repaired, without cost to the Owner.
   6. Environmental Requirements
      1. Maintain air temperature and structural base temperature at flooring installation area between 21°C and 28°C (70°F and 78°F) for seventy-two (72) hours before, during, and for forty-eight(48) hours after installation. Maintain a minimum temperature of 13°C following the above-noted period.
      2. Ensure that adequate ventilation is provided during the installation period and during the curing of adhesives. Seal off return air diffusers as directed by Architect.
      3. Examine concrete floor surfaces and ensure that the undulations are within the tolerance of 1/8 inch in 10 ft. (3 mm in 3 metres).
      4. Ensure that concrete floors, on grade, and suspended floors (18 inches) are well vented, dry (maximum 2.5% moisture content or less than 75% RH) and exhibit negative alkalinity carbonization or dusting. Ensure no additives have been used in the concrete which could affect adhesion when laying.

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NORTH

STAMP

NO.	DESCRIPTION	DATE
1	ISSUED FOR TENDER/CLIENT REVIEW	2024-04-03
2	ISSUED FOR TENDER/CONSTRUCTION	2024-04-10
3	ISSUED FOR TENDER R1	2024-12-09

SPECIFICATIONS

KITCHENETTE DESIGN

8141 MARTIN GROVE RD
VAUGHAN, ON
L4L 3W9

SCALE 1" = 1'-0"

DATE 2024-12-09 12:47:29 PM

DRAWN VK

CHECKED JH

PROJECT NUMBER 24016

SHEET ID9.1

FILE NAME: X:\Organica Projects\2024\24016 - 8141 Martin Grove Rd. - Father E. Bulfon C.C\Revit Model\2024-12-09 - 8141 Martin Grove Rd.rvt

PLOT DATE: 2024-12-09 12:47:29 PM

7. Job Conditions
1. Prevent traffic and Work on newly-laid floors by barricading area until Work has set.
2. After materials have set, and until project completion, coordinate Work to ensure that floors are not damaged by traffic. Ensure that flooring is not subjected to any static loading during the week following installation.
3. Ensure that spark-proof electrical equipment is provided, and smoking is prohibited, in areas where flammable adhesives are used. Store materials to prevent spontaneous combustion.
4. Report any unsatisfactory conditions, in writing, to the Consultant.
5. Consult other trades in advance, and make provisions for Work of other trades, to avoid future repairs.

8. Materials
1. General:
1. Provide each flooring material from same production run for one area, and from same manufacturer for entire project.
2. All materials to be first quality, no seconds or substandards, colours to be continuous through full thickness of material.
3. Ensure that accessories are compatible with and match appearance and thickness of, abutting flooring materials.
4. Approved equals shall be considered only after equivalent custom colour sample tile is submitted for review.
2. Vinyl Composition Tile VCT-1 & VCT-2: Standard Excelon, as manufactured by Armstrong or approved custom colour equal, to CSA A126.1, 1/8” thick, 12” x 12” size, colour as per drawings.
3. Vinyl Laminate Tile (VLT): See finish schedule for details on LVT specifications.
4. Rubber Base : CAN/CSA A126.5-Latest Edition, continuous rubber, top set, complete with premoulded end stops and external corners, standard toe, 1/8” thick, 4” height, colour as selected by Architect. Acceptable material: Johnsonite.
5. Primers and Adhesives: Shall be low odor, solvent free, low V.O.C. and waterproof, of types recommended by resilient flooring manufacturer for specific material on applicable substrate, above, on, or below grade. Primers shall be utilized as per adhesive and floor covering manufacturer’s recommendations for minimizing dust film build-up and subfloor porosity.
6. Sub-floor Filler and Leveller: Non-shrinking, Portland cement-based filler and leveler, mixed with an acrylic latex; “Plani Patch” as manufactured by Mapei, or a patching and leveling compound recommended by the flooring manufacturer and approved by the Consultant for the substrate on which the flooring is being installed. No gypsum-based or mineral-based compounds to be utilized under any circumstances.
7. Edging to Floor Penetrations: Type, as recommended by flooring manufacturer, to be compatible with floor access covers.
8. Vinyl Reducer Strips: Tapered, 0.125” thick, 1” wide, vinyl, “Ultra Trim RD 2020,” as manufactured by Stewart, or approved equal, to be used from transition of resilient tile flooring to concrete. Colour as selected by Consultant.
9. Cleaner: Neutral chemical compound that will not damage flooring or affect its colour, as recommended by manufacturer. Surplus adhesive cleaning agents as recommended by manufacturer.
10. Sealer: to CAN/CGSB 25-GP-20M - Latest Edition, type as recommended by the Manufacturer.
11. Wax: To CAN/CGSB-25.21- Latest Edition, type as recommended by flooring manufacturer.
12. Floor Protection: Heavy kraft paper laminated with non-staining adhesive to both sides of glass fibre reinforcing ply, minimum weight of 3.7 lbs./100 ft2 (0.18 kg/m2), and minimum width of 3’-0”.
13. Heterogeneous Sheet Flooring: manufactured by Polyflor; as per schedule.

9. Site Inspection of Conditions
1. Ensure concrete floors are clean and dry, by using test methods recommended by flooring manufacturer. Conduct moisture test using R.M.A. Moisture Unit.
2. Examine concrete floor surfaces and repair the undulations within the tolerance 1/8 inch in 10 ft. (3 mm in 3 metres).
3. Ensure that concrete floors, on grade, below grade, and suspended floors (18 inches or 45 cm) are well vented, dry (maximum 2.5% moisture content or less than 75% RH) and exhibit negative alkalinity, carbonization or dusting. Check that no additives have been used in the concrete which could affect adhesion when laying.
4. Ensure that environmental conditions have been provided as requested and specified.
5. This Contractor shall ensure that subfloor deficiencies are rectified and have been provided as specified without holes, protrusions, cracks greater than 1/16” wide, depressions greater than 1/8” deep, or other major defects. This Contractor shall be responsible for all patching, filling, and leveling as may be required to meet the tolerances specified. Ridges, projections, scaling, and carbonation shall be ground smooth.
6. Ensure, by patching and filling, that control joints have been filled and leveled.
7. In areas of installation, the air and substrate temperatures should be kept at 21˚C to 28˚C (70˚F to 78˚F) for at least seventy-two (72) hours prior, during, and forty-eight (48) hours after installation, or at least until the adhesives have adequately cured as recommended by the Manufacturer.
8. Ensure that the level of lighting utilized by this Contractor is sufficient and at least at a level of 55 Lx. Installers found working in substandard lighting conditions shall be subject to the issuance of immediate stop-work order by the Architect.
9. Do not commence installation until all finishes and painting of walls and ceilings is complete and all overhead work has been completed and tested.
10. Do not commence installation until the environmental and surface conditions are acceptable and in a condition to accept the installation of the resilient flooring.
11. Defective Work resulting from application to unsatisfactory surfaces will be considered to be the responsibility of those performing the Work of this Section.

10. Sub-Floor Treatment
1. The Contractor shall remove sub-floor ridges and bumps. This Contractor shall fill low spots, cracks, joints, holes, and other defects with sub-floor filler, acceptable to the flooring and adhesives manufacturers, and level to smooth surface.
2. This Contractor shall prepare a level floor to a tolerance of 1/8” in 10’-0” (1:1000).
3. Clean floor and apply filler; trowel and float to leave smooth, flat, hard surface. Prohibit traffic until filler is cured and dry.

11. Preparation
1. Remove dirt, soil, oil, grease, and other deposits which would lessen the adhesive bond of the flooring, and which would telegraph through the flooring.
2. Remove chalking and dusting from concrete surfaces with wire brushes, Self-Vacuuming Shotblast Machinery, and damp mop.
3. Remove prime paint and wire brush steel surfaces.
4. Prime and seal subfloor if recommended by adhesive manufacturer, and as that manufacturer specifies.
5. Prior to commencement, check that all the boxes are of the same batch. Condition both the flooring and adhesive for seventy-two (72) hours in the same environment as they are to be laid. Only as much material which can be laid in the day should be cut, stored, and acclimatized.

12. General Installation
1. Lay each material in accordance with Manufacturer’s written specifications.
2. Lay flooring with joints closely butted and fit around floor outlets and openings, door frames, and heavy equipment supports. This contractor is responsible to caulk and seal at these points.
3. Cut flooring to fit within 1/64” of abutting surfaces where exposed to view.
4. Carry flooring into recesses, toe spaces, under heating units, and around pilasters, columns, and other fixtures.
5. Avoid abrupt variations in shades between adjacent flooring material. Do not install units that are off colour or contain atypical pattern variations.
6. Carry flooring patterns through openings.

13. Adjustment, Cleaning, and Waxing
1. Replace defective work so that there is no discernible variation in appearance between installed and replaced materials.
2. Remove excess adhesive from floor, base, and wall surfaces without damage, as Work progresses and before it sets.
3. Clean, seal, and wax floor surface according to flooring manufacturer’s instructions. Clean resilient tile flooring no sooner than forty-eight (48) hours following installation.
4. Apply two coats of sealer and two coats of floor finish. Submit manufacturer’s maintenance guidelines for review by Architect prior to first cleaning after tile installation.
5. Remove all waste and scraps from job site.

14. Protection of Finished Work
1. Protect new floors from time of final set of adhesive until final inspection.
2. Prohibit traffic on floor for forty-eight (48) hours after installation.
3. At completion of flooring installation, install floor protection paper in areas where finishing work, repairs and installation of equipment, and foot traffic will occur. Cap joints of materials by 6” (150 mm), and seal with non-asphaltic tape.

3. ACOUSTICAL UNIT CEILINGS
1. Description:
1. Work Included: To install acoustical unit ceilings as shown or specified.
2. Related Work Performed in Other Sections:
1. Gypsum Drywall, Bulkheads, Ceilings.
2. Mechanical Services.
3. Electrical Fixtures.
2. Submittals:
1. Extra Stock: Provide 10 percent (10%) maintenance stock, in sealed cartons, of specified acoustical board for Owner's use. Deliver to Owner's representative, and obtain signed receipt.
3. Materials:
1. Accessories: Fabricate miscellaneous clips, splicers, connectors, screws, and other standard accessories of steel, zinc-coated, or cadmium-plated, of strength or design compatible with suspension methods and system specified. Include in Work special accessories required to provide a complete fire-rated assembly.
2. Hangers: Galvanized, annealed, steel wire; 12 ga., to support a maximum weight of 150 pounds per hanger; 9 ga. to support a maximum weight of 310 pounds per hanger. Galvanized, annealed, steel rod; 3/16" dia. to support a maximum weight of 500 pounds per hanger.
3. Hanger Anchoring Devices: Phillips Red Head by Phillips Drill Company of Canada Limited, Halifax, Nova Scotia, or as otherwise approved.
4. Tie Wire: 16 ga. galvanized annealed steel.
5. Ceiling Grid: Exposed Tee System: Two (2) directional, 48" x 24", Class A.
1. Wall Moulding: Angle section to match Tees.
2. Finish: Baked vinyl enamel, Flatwhite (to match existing).
3. Similar to Donn DX Fast-Loc 15/16" T-Bar (to match existing).
6. Acoustical Units:
1. Acoustical units shall match submitted samples, with no perceptible variations within a building area. Fabricate edges uniformly and true to fit suspension system, and to maintain true lines and surface planes.
2. Acoustic Lay-In Panels: as indicated on drawings
4. Installation:
1. Coordinate Work of this Section with that of other Sections. Ensure that adequate preparation is made for attachment of hangers and fasteners. Install framing for suppor and incorporation of flush-mounted and recessed service components. Ensure adequacy of support by consultation and verification of methods and locations with those performing the Work of Divisions 15 and 16.
2. Space hangers for supporting grid at 4'-0" maximum centres each way, and to suit structure and ceiling system. Secure hangers to structure by a permanent method, as approved. Secure wire hangers to framing by bending sharply upward, and wrapping securely with three (3) turns. Install hangers free of kinks, and at no more than 5˚ off vertical. Install extra hangers at each corner of lighting fixtures, and reinforce other ceiling equipment with hangers.
3. Install the entire hanger and suspension grid to adequately support the ceiling assembly, including sound attenuation batts and services incorporated, with a maximum deflection of 1/360 of the span of each component member, and free from horizontal movement.
4. Support recessed lighting fixtures independently from ceiling framing system.
5. Lay out Work evenly spaced in each area, with grid lines symmetrical about room axes, columns, and service elements; and with maximum border widths of equal dimensions on opposite sides of areas, or as indicated on reflected ceiling plans. Work shall include angle mouldings to match exposed grid where ceilings abut walls or other vertical surfaces.
6. Frame around recessed fixtures, diffusers, grilles, and openings.
7. Maintain true surface planes and component and joint lines throughout each area.
8. Butt joints between components tightly together.
9. Install grid-system ceilings, as specified by the manufacturer of the systems. Ensure that methods of installation used are acceptable to the manufacturer of each system component,and to the Architect.
10. Brace system to maintain alignment of grid.
11. Install panels in exposed tee system, complete with hold-down clips in vestibules or near exits. Cut panels neatly to fit off-module grid, and with sufficient clearances to ensure removal without damage.
12. Do not install acoustical units with exposed edges either broken or marred.
5. Adjustment and Cleaning:
1. Clean soiled or discoloured surfaces of exposed Work on completion of Work.
2. Replace components which are visibly damaged, marred, or uncleanable.
3. Final cleaning is specified in General Requirements.

4. PAINTING AND FINISHING
1. Quality Assurance:
1. Job Mock-Up:
1. Completely finish an entire sample room and/or surface area for each finishing system, to test application procedures and coverage of finish materials. Do not proceed with remainder of work until sample surfaces are approved.
2. Redo mock-ups until colour, texture, gloss, and cover is approved.
3. Approved mock-ups will establish standard by which remainder of Work will be judged.
2. Product Delivery, Storage, and Handling:
1. Deliver to site each container, sealed, and labeled with manufacturer's name, catalogue number or brand name, colour, formulation type, reducing instructions, and reference standard specification number, if applicable.
2. Store only acceptable Project materials at site, and in an area specifically set aside for that purpose, that is locked, ventilated, maintained at a temperature of over 4˚C, and protected from direct rays of sun.
3. Job Conditions:
1. Environmental Requirements:
1. Apply finishing materials only when air and surface temperatures exceed 4˚C, except for 7˚C for latex paint at interior locations, and 21˚C for lacquers and enamels.
2. Do not apply finishes when dust is being raised.
3. Ensure that all areas in which paint is applied are well ventilated and broom clean.
2. Protection:
1. Cover or mask surfaces adjacent to those receiving treatment and finishing, to protect Work of others from damage and soil. Mask instruction and specification plates attached to equipment being painted.
2. Take particular care in storage and mixing areas that floors are protected by tarpaulins and metal pans.
3. Place cloths, and other disposable finishing materials, that are a fire hazard, in closed metal containers containing water, and remove from building every night.
4. Porous materials, from which soil from finish materials cannot be completely removed, shall be replaced under the Work of this Section.
5. Post "Wet Paint" signs throughout freshly-finished areas, and remove when finishes are dry.
4. Materials:
1. As Manufactured by: Dulux, Benjamin Moore, Sherwin Williams, Para, or other approved equal.
2. Only "top line" Commercial grade with zero VOC’s products produced by these manufacturers are acceptable. Contractor to provide product information to Architect for approval prior to application.
5. Mixing:
1. Paints shall be supplied ready-mixed, unless otherwise specified. Do not incorporate adulterants.
6. Examination:
1. Ensure that surfaces to receive finishing materials are satisfactory for specified materials; have been provided as specified in the Work of other Sections; will not adversely affect execution, permanence, or quality of Work; and can be put into an acceptable condition by means of preparation specified in this Section
2. Defective painting and finishing Work resulting from application to unsatisfactory surfaces, will be considered the responsibility of those performing the Working of the Section.
7. Preparation:
1. Generally:
1. Vacuum clean interior areas immediately before finishing-work commences.
2. Remove from surfaces grease, oil, dirt, dust, ridges, and other soil and materials that would adversely affect the adhesion or appearance of finish coatings.
3. Finish, patch, and smooth surfaces to remove cracks, holes, ridges, and similar blemishes.
4. Touch-up damaged prime coats on shop-primed metals with same priming material. Feather out edges of shop coat, and smooth repair coat into shop-coat surfaces.
5. Neutralize highly-alkaline surfaces with a neutralizing wash of 4 percent (4%) solution of zinc sulphate. Substitute 4 percent (4%) solution of tetrapotassium pyrophosphate for surfaces to receive latex paints. Brush off residue before painting.
6. Scrub mildewed surfaces with a solution of trisodium phosphate, bleach, with a solution of one (1) part sodium hypochlorite (Javex), to three (3) parts water, and rinse with clear water.
2. Metal Surfaces:
1. Primed Steel: Before touch-up of prime paint, smooth out surface irregularities; clean weld joints, bolts, nuts, and damaged areas with phosphoric acid solution; and wash with solvent.
3. Wood (other than factory finished):
1. Sand finish surfaces smooth with No. 00 sandpaper.
2. Clean soiled surfaces with an alcohol wash.
3. Wipe off dust and other loose dirt, or vacuum clean before application of coatings.
4. Seal knots, pitch, and sapwood with two (2) coats of orange shellac, or an application of special sealer. Use only sealer that is compatible with transparent finish.
5. After prime coat is dry and sanded, fill nail and screw holes, and cracks with wood filler, or with putty for interior work, and caulking compound for exterior work. Colour fillers to match wood or stain if surfaces are given clear final coatings. Smooth, sand, and prime fillers when set.
4. Drywall:
1. Fill minor holes and depressions, caused by accidental damage, with drywall joint compound, and sand smooth when it is set, taking care not to raise nap of paper cover.
8. Application:
1. Finishing Materials:
1. Apply finishing materials at proper consistency, free from brush marks, sags, crawls, streaks, runs, laps, skips, voids, pinholes, missed areas, and other perceptible defects, and with even colour, sheen, and texture.
2. Apply finishing materials to ensure full coverage, and at a rate not to exceed that recommended by the manufacturer for the applicable surface.
3. Make clean true junctions, with no overlap between adjoining applications of finish coating.
4. Leave all parts of mouldings and ornaments clean and true to details, with no undue amount of coating in corners and depressions.
5. If evidence is inconclusive that a specified coat has been applied, apply a full coat to the areas concerned.
6. Obtain approval of each coat of finishing material before proceeding with next coat. Coats not approved shall be redone, as no credit will be given for those not approved.
7. Apply each coat only after preceding coat is dry and hard, or as otherwise directed by material manufacturer.
8. Sand surfaces lightly with No. 00 sandpaper between coats on wood and metal.
9. Use materials of a single manufacturer in each coating system.
2. Priming and Backpriming:
1. Backprime exterior and interior woodwork, frames, fitments, and similar work, as soon as it is delivered and before installation. Use exterior primer compatible to finish coat for exterior work, and enamel undercoat for interior work to receive paint or enamel finishes. Prevent primer from running over faces.
2. Prime tops and bottoms of painted wood doors with enamel with gloss varnish. When doors are stained, apply varnish after staining. Remove doors to prime and finish.
3. Brush out and force primers into grain of wood and into crevices, cracks, and joints in all materials.
3. Painting:
1. Apply paint by brush or rollers. Spray paint only when requested or approved, and in approved areas. Discontinue spraying if directed because of inadequate coverage, overspray, paint fog drift, or disturbance to other Work on building.
2. Do not paint metal access and electrical panels when they are closed. Paint when open, and leave open until dry.
4. Factory-Finished Items:
1. Finish wood edges of doors and drawers with the same number of coats of material and colour as adjoining surface finishes.
2. Paint metal door grilles to match door faces.
3. Finish interior of drawers.
5. Painting of Piping and Conduit:
1. Paint piping and conduit exposed to view in finished areas, in colours to match adjacent surfaces.
2. Paint piping and conduit in mechanical and service areas in basic colour.
3. Identification of piping and conduit is specified in Division 15 and 16.
9. Adjustment and Cleaning:
1. Touch up and refinish minor defective Work. Refinish entire wall, ceiling, or similar surfaces, where finish is damaged or not acceptable.
2. Remove spilled or splattered finish materials from surfaces of Work performed under other Sections. Do not mar surfaces while removing.
3. Leave storage and mixing areas clean, and in same condition as equivalent spaces in Project.
4. Final cleaning as specified in General Requirements.
5. Leave with Owner, an extra gallon of each colour with type of paint utilized on Project. Clearly identify and mark top of can and place a "dab" of paint colour on each can for ease in colour identification.
10. Painting and Finishing Schedule:
1. Wall surfaces partially finished with glazed materials shall have remainder of surfaces finished as for surrounding surfaces.
2. Unless otherwise specified or indicated on Drawings or Schedules, finish equipments, panels, fitments, services, structures, attachments, accessories, prime-coated hardware, or similar appurtenances on or near finished surfaces, to match finish of the surface.
3. Finish edges and tops of trim, projecting ledges, fitments, cupboards, and similar Work to match adjacent surfaces, whether or not they are above or beyond sight lines. Particular attention to be paid to top of door frames.
4. Finish interiors of alcoves, recesses, closets, cupboards, fitments, and similar spaces to match adjacent surfaces, unless otherwise indicated.
5. Finish exposed wood and exposed ferrous metals, whether primed or galvanized or not, in areas or on surfaces that are indicated as unfinished.
6. Paint exposed metal housings of weatherstripping and door seals to match surfaces to which they are attached.
7. Paint surfaces of all equipment, ductwork, and services that are exposed to view, and that are installed on mezzanine or otherwise on the exterior of the building, whether they are factory finished or not, as directed.
8. Finish surfaces visible through grilles, grille cloth, perforated metals, screening, connector coves, louvres, and openings, including inside of ductwork, with two (2) coats of matte black paint. If it is the intention that finished surfaces be seen behind the elements listed above, finish the surfaces to match adjoining work.

11. Finish Formula Schedule (Refer to Paint Schedule on Drawings):
Refer to latest editions of all standards and requirements for finish formulae.
1. Formula 6: For plaster and gypsum-board walls apply the following:
1. One (1) coat primer/sealer, CGSB 1-GP-119M-Amdt-Sep-80, Pittsburgh Paints 6-2 latex primer/sealer.
2. Two (2) coats pearl, acrylic, latex, interior, pearl, wall paint, CGSB 1-GP-100M, Pittsburgh Paints 6-70 latex.
2. Formula 10: For plaster and gypsum-board ceilings apply the following:
1. One (1) coat primer/sealer, CGSB 1-GP-119M-Amdt-Sep-80, Pittsburgh Paints 6-2 latex primer/sealer.
2. Two (2) coats flat, vinyl, acrylic, latex enamel, CGSB 1-GP-195, Pittsburgh Paints 50-35.
3. Formula 12: For pressed-steel frames apply the following:
1. One (1) coat galvanized steel primer.
2. Two (2) coats semi-gloss 54-line, quick-dry enamel, CGSB 1-GP-60M, 54-line, Pittsburgh Paints.
3. One (1) coat enamel undercoat, CGSB 1-GP-38M, Pittsburgh Paints 6-209 enamel undercoat (if required).
4. Formula 13: For wood trim apply the following:
1. One (1) coat enamel undercoat, CGSB 1-GP-38M, Pittsburgh Paints 6-6 enamel undercoat.
2. Two (2) coats gloss enamel, CGSB 1-GP-60M, Pittsburgh Paints 54-line gloss enamel.
5. Formula 16: For primed, ferrous metal surfaces apply the following:
1. One (1) coat priming, CGSB 1-GP-40M-6-190, Pittsburgh Paints.
2. One (1) coat enamel undercoat, CGSB 1-GP-38M (not required).
3. Two (2) coats gloss enamel, CGSB 1-GP-60M, 54-line Pittsburgh Paints.
6. Formula 17: For galvanized and zinc-coated metal apply the following:
1. Interior galvanized metal-G-90, type stable temperature, 1-GP-121, Pittsburgh Paints 6-209 galvanized primer.
2. Two (2) coats alkyd semi-gloss enamel, CGSB 1-GP-57M, Pittsburgh Paints, 6-121.
7. Formula 19: For woodwork to receive stained finish apply the following:
1. One (1) coat paste filler.
2. One (1) coat pigmented stain, CGSB 1-GP-145M-type 2.
3. One (1) coat shellac, CGSB 1-GP-16M-Feb-81-type 2 (may not be required).
4. Two (2) coats varnish gloss, CGSB 1-GP-36M-type 2, Pittsburgh Paints 77-7 Satin, 77-4 Gloss.
8. Formula 31: For wood to receive paint finish apply the following:
1. One (1) coat exterior primer, CGSB 1-GP-189M-1-70, Pittsburgh Paints exterior base coat.
2. Two (2) coats exterior house paint, CGSB 1-GP-28M-Amdt-Feb-81, Pittsburgh Paints 1-line exterior house paint.
9. Formula 32: For wood to receive stain and varnish finish apply the following:
1. One (1) coat pigmented stain, CGSB 1-145M-type 1, Pittsburgh Paints 77-800 Series.
2. One (1) coat exterior varnish, CGSB 1-GP-99M, reduced 10 percent (10%) Pittsburgh Paints 77-10.
3. Two (2) coats exterior varnish, CGSB 1-GP-99M, Pittsburgh Paints 77-10.
10. Formula 35: For interior wood trim and wood door slabs to receive stain and varnish finish apply the following:
1. Two (2) coats pigmented Pratt & Lambert Tonetic Wood Stain.
2. Two (2) coats clear sealer, CGSB 1-GP-102M, resin base, clear acrylic wood varnish.
11. Formula 38: For masonry, concrete, and cement plaster surfaces apply the following:
1. Two (2) coats exterior masonry coating, CGSB 1-GP-144M.

5. VINYL COATED WALLCOVERINGS
1. Summary of Work:
1. To complete the supply and installation of vinyl wallcoverings as shown, specified, and scheduled.
2. Quality Assurance:
1. Finish Carpentry
2. Gypsum Board and Fibre Reinforced Gypsum Sheathing
3. Painting
3. Samples:
1. Submit duplicate 8” x 12” samples of each colour and texture of wallcovering in accordance with Division 1 Specifications.
2. Before commencing application, prepare wall and apply sample of each texture wallcovering to full wall panels, for the Consultant’s approval.
4. Maintenance Data:
1. Provide maintenance data for wallcovering for incorporation into Operating and Maintenance Manuals specified in Division
2. Specifications.
5. Maintenance Materials:
1. Deliver 100 square feet of full-width material of each pattern, texture, and colour for maintenance use. Store where directed by the Consultant. Clearly identify each roll.
2. Maintenance materials to be from same production run as installed materials.
6. Environmental Requirements:
1. Air temperature and structural base temperature at wallcovering installation area must be above 20°C for seventy-two (72) hours before, during, and forty-eight (48) hours after installation.
2. Unwrap wallcovering and allow to acclimatize in installation area for twenty-four (24) hours before application.
3. Ensure that areas of installation are well ventilated.
7. Quality Assurance:
1. Requirements of Regulatory Agencies: Wallcoverings shall meet fire-hazard classification requirements of jurisdictional authorities for the province of Ontario.
2. Manufacturer: Provide each type of wallcovering as produced by a single manufacturer, including recommended primers, adhesives, and sealants. Submit data on low odour, low V.O.C. adhesives and primers.
3. Installer: Installer must be a firm specializing in wallcovering work, with not less than three (3) years of experience in installing wallcoverings similar to those required for this project.
8. Fire Hazard Classification:
1. Provide Manufacturer’s Letter of Certification, indicating fire-hazard classification of wallcovering, as determined by ULC Testing or ASTM E-84-latest edition and NFPA 255 (Tunnel Test). Provide materials complying with the following fire- hazard classifications: Flame spread not more than fifteen (15); smoke developed not more than fifteen (15).
9. Mock-up Test Panel:
1. Install three (3) test panels of full usable width, including one (1) corner, in areas designated by the Consultant. Replace panels which are found deficient by specification standards or application procedures. The approved test panels shall be the standard of comparison for the Project.
10. Warranty:
1. All vinyl wallcovering materials, when adhered to a sound surface and using manufacturer’s recommended procedures and adhesive, shall be guaranteed against defects for a period of four (4) years beyond the expiry date of the standard one (1)year warranty. Materials shall also be guaranteed against permanent surface staining attributable to mildew and/or bleed-through of foreign impurities in the backing. Materials shall also be guaranteed against separation of the vinyl from its backing.
2. The warranty period shall begin at the date of final completion of the Project.
11. Quality Assurance:
1. The installer shall have not less than three (3) years of successful experience in installation of vinyl/vinyl-coated wallcovering materials, on projects with products and requirements similar to requirements specified.
2. Requirements or regulatory agencies: Codes and regulations of all authorities having jurisdiction.
12. Product Delivery, Storage, and Handling:
1. Store materials in the area designated by the Consultant. It is the responsibility of this Contractor to transport the materials of this section to the point of installation.
2. Store wallcovering in an area maintained above 4°C, and with normal humidity. Do not store packaged material in an upright position.
3. Package wallcovering and identify contents of each package.
4. Packages and material shall carry underwriter’s labels on each roll,validating the fire-hazard classification of materials.
13. Materials:
1. Product Names:
1. Vinyl wallcovering to be as noted on Drawing Schedules.
2. Physical and Performance Description:
1. Type II Vinyls: Medium-Duty, Class “A,” Type II, calendared mildew-resistant vinyls, fused directly to polyester osnaburg, woven fabric without the use of laminating adhesives, and to meet the following:
.1 Total Weight (oz./lin.yd. @ 54” width): 20.
.2 Average Weight (oz./sq.yd.): 13.3.
.3 Adhesion of Vinyl to Fabric: 3 lbs per Inch
.4 Backing: Poly-cotton osanburg
.5 Breaking Strenght: 87 x 91 lbs., 387 x 405 Newtons
.6 Tear Strength Scale Reading:31 x 37
.7 Match: Random Reversible
.8 Canada Flame Spread 10, Smoke Development 5, Class A
.9 Limited 5 Year Warranty.
.10 Limited 5 Year Warranty
.11 MEA Approved, MEA 307-89-M
.12 Certified by Underwriters Laboratories of Canada, Inc. (ULC)
.13 This product contains additives to resist mold and other micro-biological growth on the decorative surface of the product. These additives, however, will not prevent mold growth if moisture is allowed to accumulate in or behind the wall.
.14 Meets California 01350 Specification for low emissions.
.15 GREENGUARD Indoor Air Quality Certified(sm)
3. Corner Protection Strips:
1. For all outside edge corners of walls covered with gypsum board and vinyl wallcovering, provide full-length, clear lexan corner bumper guards.
14. Examination:
1. Before accepting surfaces for application of wallcovering, ensure that they are sound; free from cracks, holes, and chalking; and are within specified tolerances forflatness.
2. Ensure that Work of others, which penetrates wallcovering, is completed before applying Work of this Section.
3. Defective Work, resulting from application of wallcovering to unsatisfactory surfaces, will be considered the responsibility of those performing the Work of this Section.
15. Preparation of Surfaces:
1. Materials shall be ordered at least forty-five (45) days in advance of the projected installation date.
2. Acclimatize wallcovering materials by removing from packageing, in area of installation, not less than twenty-four (24) hours before application.
3. Test substrate before priming with a Data-Tech Model LG Moisture Meter, or equivalent electronic moisture meter, to verify that surface to be covered does not exceed 10% moisture content. Verify that any fungus, mildew residue, or stain on the substrate has been treated with 5% bleach solution (sodium hypochlorite), and rinsed and let dry before priming and sealing.
4. Ensure surfaces are firm, smooth, dry, free from loose material and lime burn, and as recommended by wallcovering manufacturer.
5. Remove dust, dirt, grease, and other materials from substrate surfaces. Fill cracks with spackling compound.
6. Scrape or sand surfaces smooth before application of wallcovering.
7. Work penetrating substrate to be completed before installing wallcovering.
8. Size and treat wall surfaces to receive wallcovering.
9. Seal gypsum drywall surfaces, and seal and neutralize other surfaces requiring either or both treatments by specifications of manufacturer of wallcovering supplied.
16. Wallcovering Installation:
1. Installation sequence:
.1 Use rolls in consecutive numerical sequence of manufacture
.2 Place panels consecutively in exact order they were cut from roll, including spaces above or below windows, doors, or similar penetrations.
.3 Reverse alternate strips, except on match patterns.
2. Where pre-trimmed fabrics are not used, trim additional selvage, where required, to achieve colour and pattern match at seams.
3. Apply adhesive using a roller or paste brush.
4. Hang non-matched patterns by overlapping edges and double cutting through both thicknesses with 1 or 1.5 mm thick zinc or aluminum strip back-up to prevent cutting substrate. Do not cut paper face of gypsum wallboard surface.
5. Wrap fabric 6” beyond inside and outside corners. No cutting at corners permitted, unless pattern or colour changes.
6. No horizontal seams permitted.
7. Take care that no plaster particles, grit, or other similar foreign matter becomes embedded behind wallcovering.
8. Install wallcovering before final installation of plumbing fixtures, electrical equipment, casings, bases, and cabinets.
9. Use stiff-bristled brush or flexible broad knife to eliminate air pockets, and secure fabric to substrate.
10. As Work progresses, remove excess adhesive from seams with damp sponge; wipe clean, and dry with cloth towel.
11. Leave completed Work smooth, clean, without wrinkles, gaps, overlaps, and/or air pockets.
17. Wallcovering Installation:
1. Refinish damaged or defective Work, so no variation in surface appearance is discernible.
2. Remove from Work, soil and dirt deposits resulting from fabrication and installation.
3. Final clean-up as specified in Division 1 Specifications.

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NO.	DESCRIPTION	DATE
1	ISSUED FOR TENDER/CLIENT REVIEW	2024-04-03
2	ISSUED FOR TENDER/CONSTRUCTION	2024-04-10
3	ISSUED FOR TENDER R1	2024-12-09

SPECIFICATIONS

KITCHENETTE DESIGN

8141 MARTIN GROVE RD
VAUGHAN, ON
L4L 3W9

SCALE 1" = 1'-0"
DATE 2024-12-09 12:47:29 PM
DRAWN VK
CHECKED JH
PROJECT NUMBER 24016
SHEET ID9.2

6. VERTICAL LOUVRE BLINDS

1. Summary of Work:
   1. To complete the supply and installation of vertical louvre blinds as shown, specified, and scheduled.
2. Related Work:
   1. Rough Carpentry
   2. Gypsum Board and Fibre Reinforced Gypsum Sheathing
   3. Painting
3. References:
   1. ASTM D636-Latest Edition, Flame Resistance of Louvres
4. Quality Assurance:
   1. Requirements of Regulatory Agencies: Ensure that the vertical louvre blinds meet the most current fire-hazard classification requirements of jurisdictional authorities, for each installation location, and most current reference standards published by CSA, CGS, and ASTM.
5. Samples:
   1. Submit one (1) representative working sample of vertical louvre blind and fabrics, to architect for review and approvsl.
   2. Submit duplicate samples of manufacturer's standard colours, patterns, and textures of specified vane and rail materials, for selection by the Consultant.
   3. After approval, samples will be returned for incorporation in the Work.
6. Shop Drawings:
   1. Submit Shop Drawings to architect for review and approval.
   2. Indicate dimensions in relation to window jambs, operator details, top rail, anchorage details, hardware and accessories details.
7. Maintenance Data:
   1. Provide operation and maintenance data for vertical louvre blinds, for incorporation into Operation and Maintenance Manuals.
8. Maintenance Materials:
   1. Deliver, to the Owner, on completion of Work, and as the Owner directs, ten(10) vanes per colour, texture, and height specified, for maintenance use.
   2. Deliver maintenance material in a sealed package, clearly identified.
   3. Maintenance material to be from same product run as installed materials.
9. Warranty:
   1. Provide written extended warranty against warping, twisting, bowing, brittleness, shrinking, stretching, surface change, and colour change of vertical louvre blinds.
   2. Extended warranty will be for a period of two (2) years beyond the expiration of the standard one (1) year warranty.
10. Vertical Blind Components:
   1. Approved Product: Fire-rated 100 % polyester, vertical blinds, as manufactured by Hunter Douglas, or Caroflex Inc.
   2. Rails: Surface-mounted, toprail.
      - .1 Extruded aluminum, 6063-T5 alloy, with clear anodized finish.
      - .2 Full-length one-piece, with capped ends.
      - .3 Size: 37.4 mm wide x 30.8 mm high x 1.5 mm thick.
   3. Vanes: 3-1/2" wide x length to suit window assembly.
      - .1 Caroflex, Austin - Ivory or preapproved equal.
      - .2 Valence: 3-1/2" wide, of same material, colour, and finish as vanes, to extend full width of blind, and return where end of rail is visible.
      - .3 Colour and finish is to match existing base building standard.
      - .4 Carrier tracks and wheels: Acetal resin moulded material.
      - .5 Gears, sprocket wheels, end caps: Acetal resin moulded, spur and work gears, self-lubricating with ratio recommended by manufacturer for particular unit type.
      - .6 Vane spacer links: Stainless steel, flexible to space and stabilize each track.
      - .7 Brackets sized to support weight of blind plus forces applied to operate blind, and designated to facilitate installation and removal of top rail, complete with hardware necessary for secure attachment of brackets to adjoining construction and to headrails.
      - .8 Tilt Control: Galvanized steel rod.
      - .9 Bottom Linkage: Blinds to be linked with a single strand, nickel-plated, steel-bead chain.
11. Vertical Blind Operation:
   1. Traversing: To operate centre parting, unless noted otherwise.
      - .1 Manual Operation: Control opening and closing of blind with nylon cord, tensioned by cord weight, and without binding vanes at any angle.
      - .2 Fabricate vanes to stack, uniform, in tight space, allowing maximum clear window opening.
   2. Rotation Control: Use bead chain to activate gear assembly, to rotate all vanes simutaneously a full 180 degree and hold them in a fixed position until reset. Gears to provide no less than 14-to-1 mechanical advantage.
   3. Fabricate vanes to completely fill openings indicated, from top to bottom, and jamb to jamb.
   4. Locate rotation-control chain and traversing cord on right-hand side of window.
12. Examination:
   1. Prior to fabrication, site dimensions to be obtained. Verify parting, on site, with the Consultant.
   2. Examine all applicable Drawings to determine architectural details which will affect the installation of blinds.
   3. Coordinate work with other trades, to ensure that work preceding this Section has been completed and approved.
13. Installation:
   1. Install vertical blinds in accordance with manufacturer's instructions.
   2. All blinds to be free of defects, dust, dirt, dents, and to be of generally good appearance.
   3. All blinds to be securely fastened and well aligned. Blinds shall be square, true to line, with operable parts adjusted for correct function.
   4. Install blinds, ceiling mounted, to the inside of the window frame, on the indicated room side, without undue space on sides or bottom. The space between the window frame and blind will be equal on each side.
   5. Include centre brackets, where necessary, to prevent deflection of headrail.
   6. Secure head rails with aluminum or stainless-steel screws. Use non-corrosive metal fasteners for installation, concealed in final assembly.
   7. Bottom vane to extend 1/4" from surface of window sill.
14. Cleaning:
   1. Perform final cleaning as specified.

INTERIOR ACCESSORIES

1. Towel Dispenser
   1. Surface-Mounted sanitary towel dispenser shall be type 304 stainless steel with all-welded construction; exposed surfaces shall have satin finish.
   2. Or as specified.
2. Napkin Disposal
   1. Surface-Mounted sanitary napkin disposal shall be type 304 stainless steel with all-welded construction; exposed surfaces shall have satin finish. Cover shall be drawn, one-piece, seamless construction and secured to container with a full length stainless steel paino hinge. Container shall have integral finger depression for opening cover.
   2. Or as specified.
3. Toilet Tissue Dispenser
   1. Surface-Mounted toilet tissue dispenser shall be type 304 stainless steel, 22 ga. with an all-welded construction; exposed surfaces shall have a satin finish.
   2. Or as specified.
4. Manual Gel Dispenser
   1. Surface-Mounted compact plastic soap dispenser that contains a no-drip valve.
   2. Or as specified.
5. Touchless Soap Dispenser
   1. Surface-Mounted touchless soap dispenser shall be of a long battery life. Min. 60,000 hand washes and provide a low battery light indicator. Unit to be keyed.
   2. Or as specified.
6. Manual Soap Dispenser
   1. Surface-Mounted soap dispenser shall be type 304 stainless steel, 20 ga. with an all-welded construction; exposed surfaces shall have a satin finish. Lucite soap level indicator widow. All mounting screws to be concealed.
   2. Or as specified.
7. Mirrors
   1. Barrier-Free:
      1. Fixed tilt mirror shall be type 304 stainless steel with one piece 24 ga. channel frame, and one piece welded 20 ga. frame. Vandel resistant concealed mounting. Mirror glass to have shock resistant primary backing and a full glavanized back panel.
      2. Or as specified.
   2. Wall Mounted non-barrier free:
      1. Fixed mirror shall be type 304 stainless steel with one piece 24 ga. channel frame, and one piece welded 20 ga. frame. Vandel resistant concealed mounting. Mirror glass to have shock resistant primary backing and a full glavanized back panel.
      2. Or as specified.
8. Coat Hook
   1. Surface-Mounted coat hook shall be type 304 stainless steel, 16 ga. with a brushed finish, single hook. Shall have a screw concealed mounting system.
   2. Or as specified.
9. Grab Bars
   1. Surface-Mounted grab bar shall be type 304 stainless steel tubing, 18 ga. - 1 1/4" diameter with a brushed and peened finish. Flange shall be type 304 stanless steel, 12 ga. and have a screw concealed mounting system.
   2. Manufacture:
      1. Frost #1003SP - 30"x30" L-shape grab bar, or equivilant.
      2. Frost #1001 - 30" Straight grab bar, or equivilant.

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PROJECT NUMBER 24016
SHEET ID9.3

FILE NAME: X:\Organica Projects\2024\24016 - 8141 Martin Grove Rd. - Father E. Bulfon C.C\Revit Model\2024-12-09 - 8141 Martin Grove Rd.rvt
PLOT DATE: 2024-12-09 12:47:29 PM