

LCBO STORE #547
160 Elgin Street
Ottawa, ON

IBY IV Design Associates
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M6K 3E3

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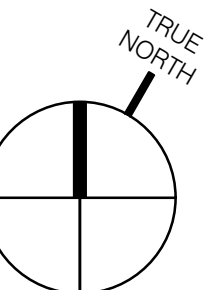


Context Plan



General Notes:

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DO NOT SCALE DRAWINGS.
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USE THE LATEST REVISED DRAWINGS ONLY.
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RETURNED UPON COMPLETION OF WORK.
TO VIEW A LIST OF BIDDERS FOR THIS
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PROJECT N

6	Sept. 10, 2020	Issued for Permit & Tender	L
7	August 13, 2020	Issued for 90% Design Review	L
8	July 28, 2020	Re-Issued for 60% Design Review	L
9	May 12, 2020	Re-Issued for Base Building Services Coordination	L
4	April 14, 2020	Issued for 60% Design Review	L
3	March 2, 2020	Re-Issued for Base Building Services Coordination	L
2	April 24, 2020	Issued for 30% Design Review	L
1	Jan. 29, 2020	Issued for Base Building Services	L

No.:	Date:	Description:	Initials:
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Issued for Permit & Tender
used for:

September 10, 2020

124671	1/16" = 1'-0" LG	VG
Project No.:	Scale:	Drawn by: Checked by:

LCBO Store No. 547
Interior Fit-Up
Toronto, Ontario

Subject:

Site Plan

Drawing Title:

A1.00



Test No.:



Flag Sign Details

2

Scale: N.T.S

2

A1.0

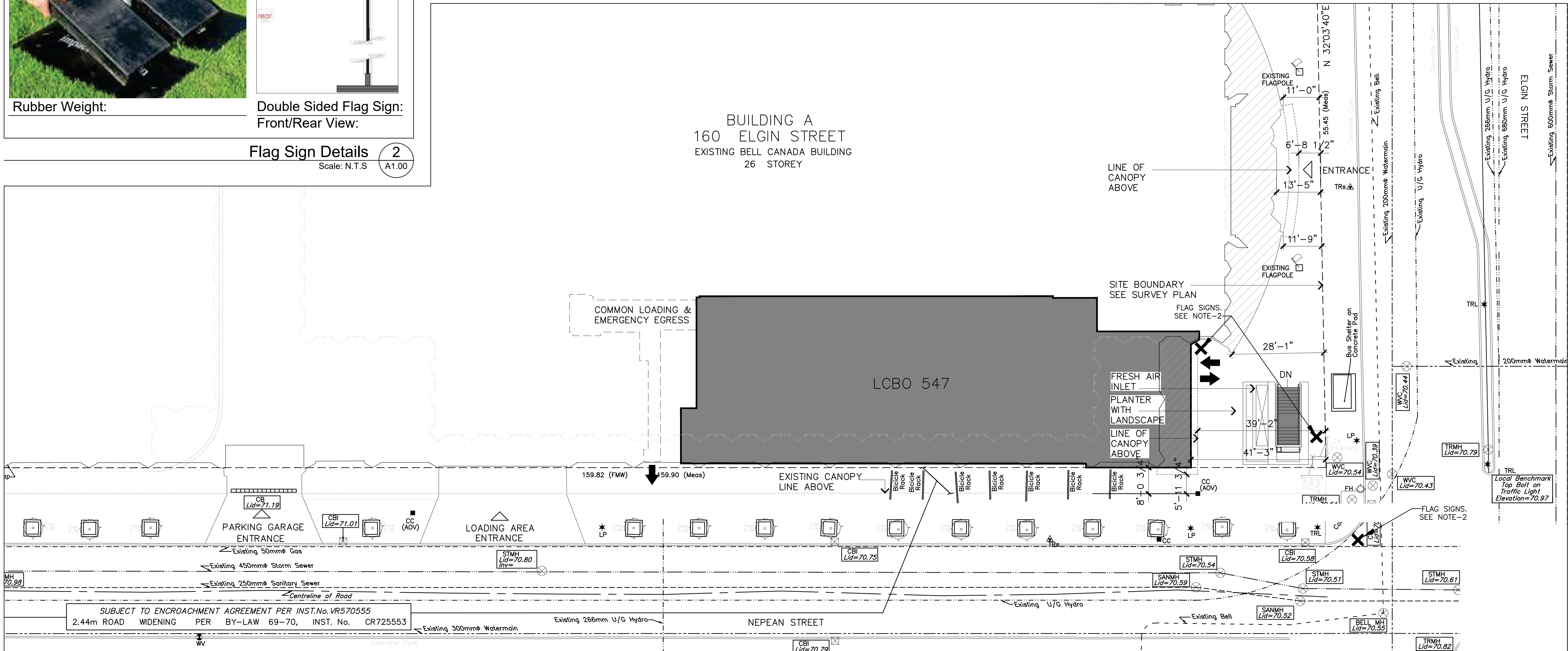
GENERAL NOTES:

2. LCBO SIGN CONTRACTOR TO INSTALL THREE (3) FLAG SIGNS INDICATED BY "X". CONFIRM ALL LOCATIONS WITH LCBO COORDINATOR PRIOR TO INSTALLATION. REFER TO DWG 2/A1.00 FOR DETAILS.

TEMPORARY FLAG SIGNS:

- ALL EXTERIOR FLAG SIGNS TO BE SUPPLIED BY LCBO SIGN CONTRACTOR.
- LOCATION OF FLAG SIGNS TO BE COORDINATED WITH LCBO PROJECT COORDINATOR.
- SIGNAGE CONTRACTOR TO REVIEW AND CONFIRM ZONING BYLAWS FOR TEMPORARY SIGNS WITH THE MUNICIPALITY TO ENSURE TEMPORARY SIGNS ARE APPROVED BY THE CITY/MUNICIPALITY.
- SIGN CONTRACTOR TO APPLY FOR AND PAY FOR ALL REQUIRED PERMITS.
- COORDINATE DESIGN AND REQUIRED PRINT WITH MANUFACTURER.
- INSTALL TEMPORARY FLAG SIGNS AS RECOMMENDED BY GRAPHICS MANUFACTURER.
- ON THE MORNING OF THE STORE OPENING (CONFIRM DATE WITH PROJECT COORDINATOR), SIGN CONTRACTOR TO RETURN TO SITE TO INSTALL "NOW OPEN" FLAG SIGNS BEFORE 8:00AM.
- SIGN CONTRACTOR TO SUBMIT PRODUCT DATA AND MSDS INFORMATION SHEETS FOR LCBO REVIEW AND APPROVAL.

BUILDING A
160 ELGIN STREET
EXISTING BELL CANADA BUILDING
26 STOREY

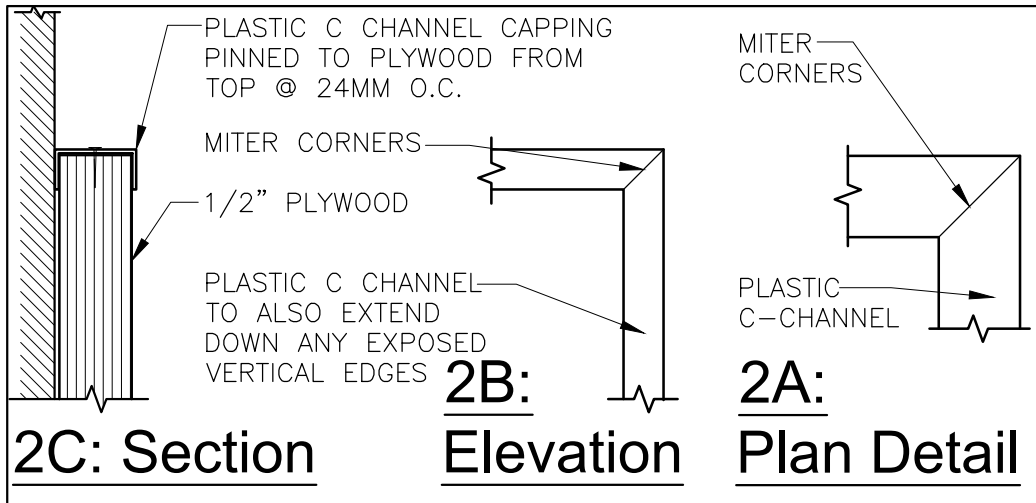


Site Plan

Scale: 1/16"=1'-0"

1
1.00

1



Plywood Wall Protection Details
Scale: 6"=1'-0" A1.01

GENERAL NOTES:

1. ALL WALLS TO EXTEND TO U/S OF EXISTING SLAB UNLESS NOTED OTHERWISE AND SEALED AT TOP.
2. ALL GYPSUM / CEMENT BOARD SURFACES TO BE TAPED, PLASTERED, SANDED, PRIMED & PAINTED.
3. ALL STEEL ANGLES, CHANNELS, HANGERS NOT SHOWN ON STRUCTURAL DWGS. SHALL BE PROVIDED BY MISCELLANEOUS METAL CONTRACTOR UNLESS NOTED OTHERWISE.
4. ALL CONCRETE FLOORS WITH DRAINS TO HAVE CONCRETE SLOPED TO DRAIN.
5. GC TO CO-ORDINATE WITH MECH. AND ELECT. CONTRACTORS FOR LOCATIONS AND SIZES OF ALL WALLS FLOORS & ROOF OPENINGS, EQUIPMENT ETC. AS WELL AS RECESSES AND CHASES IN WALLS AND FLOORS. GC'S STRUCTURAL ENGINEER IS RESPONSIBLE FOR DESIGN OF ANY LARGE OPENINGS REQUIRED TO ACCOMMODATE HVAC / MECHANICAL ITEMS. GC TO REVIEW AND COORDINATE.
6. PROVIDE INSULATING STRIP TO U/S OF ALL INTERIOR STUD PARTITIONS AS PER SPECIFICATIONS (TYP.)
7. SEAL AROUND ALL MECH. PENETRATIONS IN SERVICE AREAS WITH FIRE STOP MATERIAL WHERE REQUIRED.
8. PROVIDE DEEP LEG TOP TRACK TO ALLOW FOR VERTICAL EXPANSIONS OF WALLS & ROOF STRUCTURE.
9. PROVIDE BLOCKING WHERE NECESSARY INCLUDING BUT NOT LIMITED TO MILLWORK SHOWN ON THE FIXTURE PLAN (UPPER CABINETS, COMMUNICATION BOX, SUSPENDED SHELVES, MONITORS, WASHROOM ACCESSORIES ETC.).

LEGEND:

- HEAVY DASHED LINES ALONG INTERIOR PERIMETER OF WAREHOUSE DENOTES 1/2" THICK PROTECTIVE PLYWOOD.
- PLYWOOD TO BE INSTALLED IN ACCORDANCE WITH CONSTRUCTION DOCUMENTS. LOWER GRADES PLYWOOD WILL NOT BE ACCEPTED (TYPICAL).
- G.C TO SITE VERIFY AND CONFIRM WALL CONSTRUCTION; WHETHER STEEL STUD FRAMING WITH GYPSUM BOARD CLADDING, CONCRETE INTERIOR WALL OR BLOCK MASONRY INTERIOR WALL.
- 4'-0" HIGH PLYWOOD WHERE SHOWN ON THIS PLAN SHALL ONLY BE APPLIED/INSTALLED ONTO STEEL STUD WITH GYPSUM BOARD CLADDING INTERIOR WALLS.
- G.C SHALL CREDIT THE LCBO FOR MATERIAL WHICH IS NOT REQUIRED FOR EXIST WALLS/COLUMNS CONSTRUCTED OF CONCRETE OR CONCRETE BLOCK MASONRY.

A. ALL PROTECTIVE PLYWOOD IN WAREHOUSE TO BE 1/2" THICK x 4'-0" HIGH, GOOD ONE SIDE & PAINTED (UNLESS OTHERWISE NOTED). SEE DETAIL-2 THIS PAGE.

B. PROVIDE 8'-0" HIGH PROTECTIVE PLYWOOD WHERE INDICATED ON PLAN. GOOD ONE SIDE & PAINTED (UNLESS OTHERWISE NOTED). SEE DETAIL-2 THIS PAGE.

C. PROVIDE 15" x 9" PLYWOOD SHELF NEAR BELL DEMARCATION POINT.

D. PROVIDE FIRE RESISTANT 3/4" PLYWOOD PANELS (GOOD ONE SIDE) TO WALLS BEHIND ELECTRICAL PANELS TO 8'-0" A.F.F AS REQUIRED.

NOTE:

1. SEAL AROUND ALL MECH. AND ELECT. PENETRATIONS IN JANITOR ROOM WITH FIRE STOP MATERIAL WHERE REQUIRED TO MAINTAIN CONTINUOUS 0-HR FIRE SEPARATION.

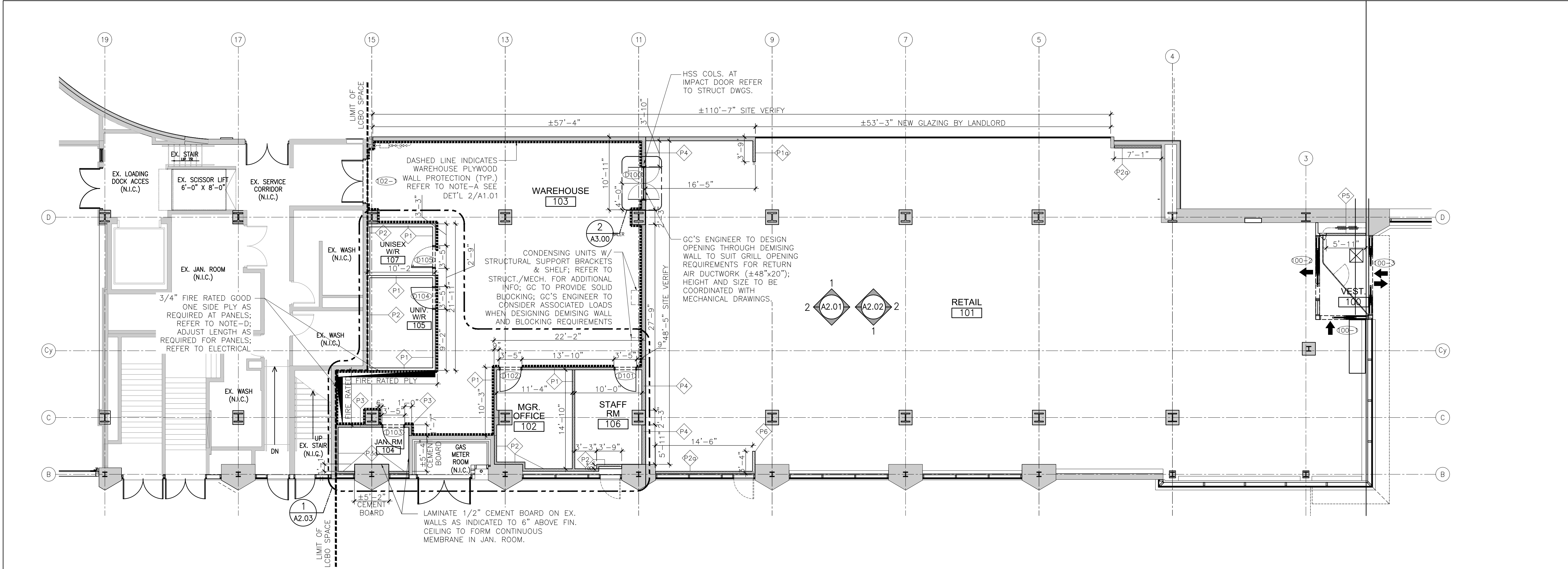
PARTITION TYPES:

TYPE/DIAGRAM	DESCRIPTION	THICKNESS
	EXISTING BASE-BUILDING WALL / N.I.C. AREAS	BY L.L.
P1	- 1/2" GYPSUM BOARD TO 6" ABOVE T-BAR CEILING - 3/4" PLYWOOD BACKING AS REQUIRED - SOUND ATTENUATION INSULATION - 3 5/8" STEEL STUDS @ 16" O.C. TO U/S OF EX. DECK - 1/2" GYPSUM BOARD TO 6" ABOVE T-BAR (IN T-BAR LOCATIONS) - 1/2" GYPSUM BOARD TO U/S OF EX. DECK IN WAREHOUSE & RETAIL	4 5/8"
P1a	- 1/2" GYPSUM TO U/S OF EX. DECK. - 3 5/8" STEEL STUDS TO U/S OF EX. DECK - 3/4" PLYWOOD BACKING AS REQUIRED - 1/2" GYPSUM TO U/S OF EX. DECK	4 5/8"
P2	- 3 5/8" STEEL STUDS TO U/S OF EX. DECK - 3/4" PLYWOOD BACKING AS REQUIRED - 1/2" GYPSUM BOARD TO 6" ABOVE T-BAR CEILING	4 1/8"
P2a	- 3 5/8" STEEL STUDS TO U/S OF EX. DECK. - 3/4" PLYWOOD BACKING AS REQUIRED. - 1/2" GYPSUM BOARD TO U/S OF EX. DECK.	4 1/8"
P3	- 1/2" GYPSUM BOARD TO U/S OF EX. DECK (WAREHOUSE SIDE) - 3 5/8" STEEL STUDS C/W PEEL AND STICK MEMBRANE BELOW BOTTOM TRACK @ 16" O.C. TO U/S OF DECK - 3" SOUND ATTENUATION INSULATION - 1/2" CEMENT BOARD TO 6" ABOVE CEILING (JAN. ROOM SIDE)	4 5/8"
P3a	- 3 5/8" STEEL STUDS @ 16" O.C. TO U/S OF EX. DECK. - 3/4" PLYWOOD BACKING AS REQUIRED - 1/2" CEMENT BOARD TO 6" ABOVE CEILING WITHIN JANITOR ROOM	4 1/8"
P4	- 1/2" GYPSUM BOARD TO U/S OF EX. DECK. - 6" STEEL STUDS TO U/S OF EX. DECK. - SOUND ATTENUATION INSULATION - 3/4" PLYWOOD BLOCKING AS REQUIRED - 1/2" GYPSUM BOARD TO U/S OF EX. DECK.	7"
P5	- DRAMEX 10F 1.5" OR AMICO ASM 1.5-9F EXPANDED METAL SECURITY MESH TO U/S OF EX. DECK. - 3 5/8" STEEL STUDS TO U/S OF EX. DECK. - 3/4" PLYWOOD BACKING AS REQUIRED - 1/2" DRYWALL TO U/S OF EX. DECK.	4 1/8"
P6	- 1/2" GYPSUM BOARD TO U/S OF EX. DECK. - 1 5/8" STEEL STUDS @ 16" O.C. TO U/S OF EX. DECK. - 3/4" PLYWOOD BACKING AS REQUIRED - 1/2" GYPSUM BOARD TO U/S OF EX. DECK.	2 5/8"

NOTE:

ALL NEW WALL / CEILING CONSTRUCTION TO REQUIRE P.ENG STAMPED SHOP DRAWING SUBMITTALS BY GC AND SHOULD BE INCLUSIVE OF ALL REQUIRED HEADERS / BULKHEADS ABOVE DOORS & OPENINGS IN THESE PARTITIONS. THE GC'S ENGINEER SHALL DESIGN ALL PARTITIONS TO BE SELF-SUPPORTING AND IMPOSE NO LOADS ON THE EXISTING OVERHEAD SLAB STRUCTURE AND BE IN ACCORDANCE WITH REGIONAL SEISMIC REQUIREMENTS. GC'S ENGINEER TO REVIEW COMPLETED INSTALLATIONS AND PROVIDE STAMPED LETTER OF CONFORMANCE TO BE INCLUDED IN CLOSEOUT DOCUMENTS. (TYPICAL)

- INDICATES NEW WALL CONSTRUCTION BY LCBO GC.



Partition Plan
Scale: 1/8"=1'-0" 1.01



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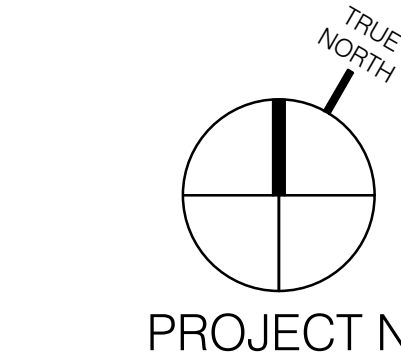
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1	Feb 25, 2020	Issued for Base Building Services Coordination	LG
Rev.:	Date:	Description:	Initial



Issued for Permit & Tender

Issue Date:	September 10, 2020
Project No.:	124671
Scale:	1/8" = 1'-0"
Drawn by:	LG
Checked by:	VG

LCBO Store No. 547
Interior Fit-Up
Toronto, Ontario

Project:
Partition Plan

Drawing Title:

A1.01

Sheet No.:

MILLWORK/SIGNAGE/REFRIGERATION/METAL SHELVING/ WAREHOUSE RACKING NOTES:

A. ALL MILLWORK, LIFT TABLE, METAL SHELVING, SIGNAGE, REFRIGERATION, RACKING AND PAINTED WIRE MESH STEEL CAGE IN STEEL FRAMING SUPPLIED AND DELIVERED BY LCBO. FIT-UP G.C TO COORDINATE INSTALLATION WITH RESPECTIVE VENDORS.

HM HALF MOON PROTECTOR, SUPPLIED BY LCBO VENDOR, INSTALLED BY GC.

G.C TO COORDINATE WITH STORE MANAGER AT STORE TURNOVER DATE AND INSTALL THE FOLLOWING ITEMS PROVIDED BY LCBO, SECURED TO WALL:

- UP TO FOUR(4) CORK BOARDS/WHITE BOARDS.
- LIFT TABLE HANDLE.
- FIRSTAID KIT.

GC TO INSTALL AT FINAL LOCATIONS AS VERIFIED BY STORE MANAGER.

- GENERAL NOTES AND LEGEND:
- WAINSCOTING TO BE INSTALLED ON ALL VERTICAL GWB SURFACES IN VESTIBULE AND SHALL EXTEND BELOW WINDOW SILLS WHERE APPLICABLE. SEE F802 (TYP.).
 - STAINLESS SECURITY GATE SYSTEM, 1 ARM, BY BOLDUC SOLUTION. SUPPLIED AND INSTALLED BY G.C.
 - MODEL #BMS-5M42-45 (SINGLE SWING ARM ONLY)
 - DIM: 42"D x 45"W
 - FINISH: MATTE BLACK POWDER COAT FINISHENSURE OPTIONS ARE INCLUDED: EMERGENCY BUTTON, PROTECTIVE RUBBER PADS, HANDICAP ACCESSIBILITY BUTTON, AND WRONG WAY DETECTION SYSTEM. PROVIDE 2 ADDITIONAL FREESTANDING ST. STEEL POSTS AS SHOWN
CONTACT: ETIENNE AUDET (TEL: 1-418-427-3248, 1-888-478-3248, EMAIL: eodet@bolducsolution.com)
 - ST. STEEL RAILINGS (CART CORRAL/MAGNETIC GATE ON MILLWORK) COMPLETE W/ANCHOR LEG AND DECORATIVE CAP.
 - BY BOLDUC SOLUTIONS
 - DIM: CUSTOMIZED TO STORE. SHOP.
 - FINISH: MATTE BLACK POWDER COAT FINISH
 - DRAWING TO BE PROVIDED FOR APPROVAL.
 - SUPPLIED AND INSTALLED BY G.C.
 - LOCKABLE STEEL CAGE. CAGE BY "FOLDING GUARD L&P GUARDING, LLP" OR APPROVED ALTERNATE. COORDINATE CAGE SIZE REQUIRED WITH CAGE VENDORS. 8'-0" HIGH BLUE RACKING FOR RECORD STORAGE ON TOP C/W ROLLING STAIRCASE FOR ACCESS TO THE 8'-0" BLUE RACKING. BOLTED TO FLOOR. CAGE: 7'-0" HIGH, 8 GA. GALVANIZED WELDED STEEL GRID WITH 1 1/2" x 3" OPENINGS. DOOR: INDUSTRIAL-GRADE C/W PADLOCK HASP AND PADLOCK WITH MEDECO CORE.
 - "BILINGUAL LANGUAGE" "OPEN" AND "COLD BEER" SIGNS SUPPLIED & INSTALLED BY LCBO SIGNAGE CONTRACTOR. SIGNS TO BE SUSPENDED FROM WINDOW SYSTEM. (REFER TO ELECT). GC TO COORDINATE INSTALLATION. REFER TO EXTERIOR ELEVATIONS.
 - PATRON WASHROOM BILINGUAL VISUAL SIGN BY LCBO SIGNAGE VENDOR: LETTERS TO BE BLACK LETTERING AT LEAST 1"(25mm)"HIGH WITH A 5mm STROKE ON SILVER LAMACOID LABEL: SIGN TO READ AS FOLLOWS: "PLEASE CONTACT A STAFF MEMBER IF A WASHROOM IS NEEDED. VEILLEZ VOUS ADRESSER A UN EMPLOYE VOUS DESIREZ UTILIZER LES TIOLETTES." SIGN TO BE INSTALLED AT 5'-0" A.F.F.; SUPPLIED & INSTALLED BY LCBO SIGNAGE VENDOR. GC TO COORDINATE INSTALLATION. LOCATION TO BE DETERMINED ON SITE BY LCBO COORDINATOR.
 - GC TO PROVIDE IN CONTRACT FOR SCANNING OF EXISTING SLAB TO AVOID EXISTING IN-SLAB UTILITIES AND STRUCTURES WHEN DRILLING AND MOUNTING VACU-LIFT SYSTEM. EXACT LOCATION TO BE ADJUSTED AS REQUIRED AND TO BE COORDINATED WITH LCBO VENDOR AND LCBO COORDINATOR. REFER TO ELECTRICAL DRAWINGS FOR REQUIRED ELECTRICAL PROVISIONS.

IBI

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LCBO

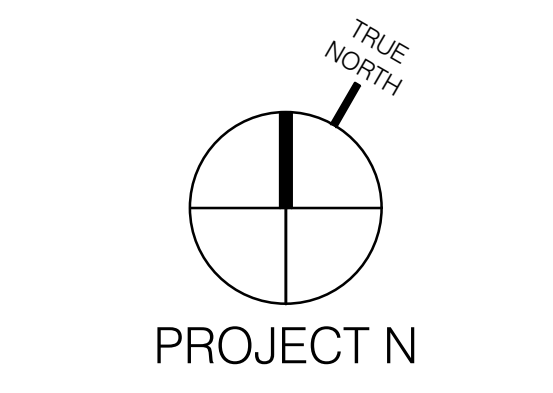
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September 10, 2020			
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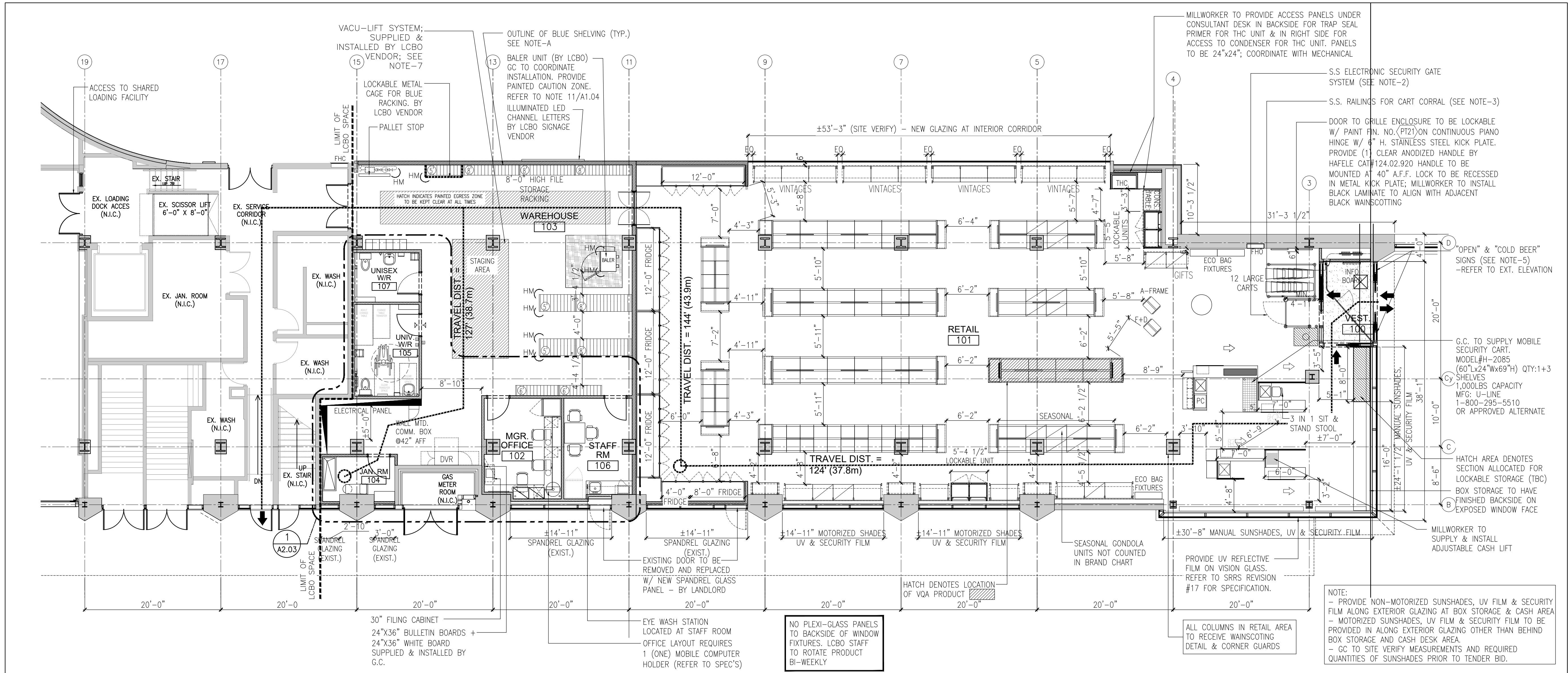
LCBO Store No. 547
Interior Fit-Up
Toronto, Ontario

Project:
Fixture Plan

Drawing Title:
A1.02

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Sheet No.:



Fixture Plan
Scale: 1/8"=1'-0"

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STANDARD NOTES:

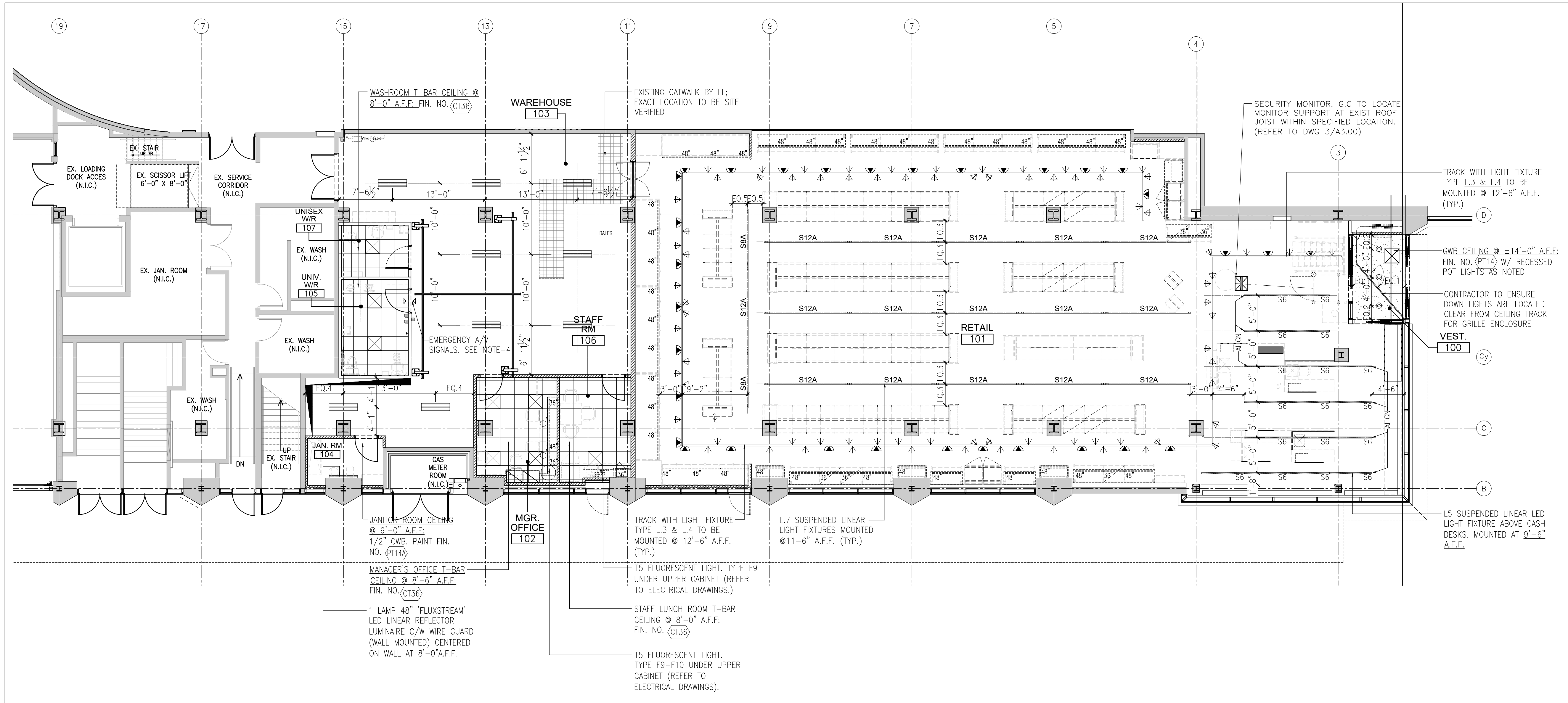
- A. SPECIFICATIONS FOR ALL ALTERNATES MUST BE APPROVED PRIOR TO TENDER CLOSING.
- B. ALL LAMP SPECIFICATIONS MUST USE ONE OF THE FOUR APPROVED MANUFACTURERS; GENERAL ELECTRIC, OSRAM SYLVANIA, PHILIPS LIGHTING, STANDARD PRODUCTS
- C. ALL BALLAST SPECIFICATIONS MUST USE ONE OF THE FOUR APPROVED MANUFACTURERS; ADVANCE, OSRAM SYLVANIA, UNIVERSAL MAGNETECK, VENTURE.
- D. MECHANICAL AND ELECTRICAL WORK TO COMPLY WITH THE REQUIREMENTS OF THE BUILDING LANDLORD AND AUTHORITIES HAVING JURISDICTION.
- E. REFER TO ARCHITECTURAL DRAWINGS(RCP) FOR LOCATION OF CEILING FIXTURES AND REFER TO ENGINEERING DRAWINGS FOR SPECIFICATIONS.
- F. G.C TO CROSS REFERENCE BETWEEN ARCHITECT'S RCP, ELECTRICAL DRAWINGS, ENGINEER'S MECHANICAL DRAWINGS AND SITE CONDITIONS. REPORT DISCREPANCIES TO THE PRIME CONSULTANT AND LCBO COORDINATOR FOR CLARIFICATION.
- G. ELECTRICAL ENGINEER'S DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL R.C.P. AND LIGHTING LEGEND.
- H. ELECTRICAL ENGINEER TO ENSURE ALL TRACK CIRCUITING IS IN ACCORDANCE WITH SECTION 9.1.4 (c) OF ASHRAE 90.1 2010
- I. G.C TO PROVIDE OPENINGS IN DRYWALL CEILINGS TO ACCOMMODATE SPRINKLERS, EXIT LIGHTS, ACCESS PANELS, RECESSED DOWN LIGHTS, AIR DIFFUSERS WHERE APPLICABLE. G.C TO REFER TO REFLECTED CEILING PLAN AND ENGINEERING DRAWINGS AND SPECIFICATIONS.
- J. G.C. TO VERIFY & COORDINATE LOCATION OF ALL DUCTS/HVAC UNITS AS PER MECHANICAL DRAWINGS IN CONJUNCTION WITH LAYOUT OF RCP
- K. CEILING HEIGHTS TO BE REFERENCED FROM ARCHITECTURAL DRAWINGS. G.C TO CONFIRM CEILING HEIGHT & CONDITIONS AND NOTIFY DESIGNER OF ANY DISCREPANCIES.
- L. **ENERGY NETWORK SERVICES (ENS)** TO CONFIRM QUANTITIES ON LIGHTING LEGEND WITH REFLECTIVE CEILING PLAN. ANY INCONSISTENCIES OR DISCREPANCIES TO BE REPORTED TO THE LCBO DURING TENDER PERIOD.
- M. ALL LIGHT FIXTURES, BALLAST, LAMPS, ETC. TO BE SUPPLIED BY **LCBO (ENS)** AND INSTALLED BY ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED.
CONTACT JOHN ZAIM, jzaim@ensinc.ca,
PH.: 905-763-2946 ext. 229.
- N. **ENS** TO SUPPLY ALL FLUORESCENT LIGHT FIXTURES IN PERIMETER METAL SIGNBAND/CANOPIES. G.C TO COORDINATE AND INSTALL, ELECTRICAL CONNECTIONS BY G.C ELECTRICAL. REFER TO REFLECTED CEILING PLAN FOR QUANTITIES.
- O. CONTRACTOR TO VERIFY & COORDINATE WITH **ENS** FOR DELIVERY OF ALL INTERIOR LIGHT FIXTURES, BALLAST, AND LAMPS AS PER THE LIGHTING LEGEND. **ENS** WILL INCLUDE A LIGHTING AUDIT AND ORDERING ORIENTATION FOR ALL STAFF, THE COSTS ASSOCIATED WITH THE AFOREMENTIONED SHALL BE PART OF THE CONTRACTOR'S PRICE.
- P. QUANTITIES OF LIGHTING TO BE CONFIRMED BY **ENS** AND G.C.

- Q. G.C. TO ENSURE ALL WIREMANAGEMENT IS KEPT NEAT, TIDY, AND SECURE WITHIN A WIRE-TROUGH SECURED TO THE UNDERSIDE OF THE SLAB WHERE POSSIBLE.
- R. ALL BALLASTS TO HAVE LOW BALLAST FACTOR OF 0.77/0.78
- S. L5/L6/L7/L8 FIXTURES TO ALIGN AS NOTED IN DRAWING. MANUFACTURER TO ENSURE FABRICATION AS PER DRAWING WHILST USING THE LEAST VARIATION IN COMPONENT LENGTHS.
- T. (*) DENOTES REQUIRED LENGTH OF LIGHT TRACK TO BE CUT TO SUIT REQUIRED LENGTH (SITE VERIFY)
- NOTE:
- ALL LED LIGHT FIXTURES REQUIRE 2 WEEKS FOR SHOP DRAWINGS AND 6-8 WEEKS MIN. FOR DELIVERY. G.C. IS RESPONSIBLE TO ORDER LIGHT FIXTURES TO ENSURE THEY ARRIVE ON SITE WHEN REQUIRED.

REFLECTED CEILING NOTES:

1. ALL UNISTRUT & THREADED RODS TO BE SECURED TO U/S OF EXISTING SLAB, SITE VERIFY BY LOCATION. PAINT FIN. (14). G.C. TO SUPPLY AND INSTALL ALL UNISTRUT COMPONENTS WHERE REQUIRED TO SUSPEND LIGHT FIXTURES/SIGNAGE. REFER TO ARCHITECTURAL DRAWINGS.
2. **EXPOSED RETAIL AREA CEILINGS FINISH:**
ALL EXIST. AND NEW EXPOSED CEILING STRUCTURE (U/S OF SLAB, MECH DUCTING, PLUMBING, PIPING, ALL BASE BLDG. SERVICES, ALL UNISTRUTS, CONDUITS, ETC.) TO RECEIVE PT. FIN. NO. 14 THROUGHOUT (TYP.).
3. EMERGENCY ASSISTANCE SIGN (ADJACENT TO ASSISTANCE REQUIRED PULL SIGNAL) BY G.C: LETTERS TO BE BLACK LETTERING AT LEAST 1"(25mm) HIGH WITH A 5mm STROKE ON SILVER LAMACOID LABEL: SIGN TO READ AS FOLLOWS: "IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE." SIGN TO BE MOUNTED ABOVE EMERGENCY PUSH BUTTON MAX. 32" A.F.F.(REFER TO ELECT DWGS).
4. EMERGENCY VISUAL/AUDIBLE SIGNALS BY G.C: EMERGENCY VISUAL SIGNAL INSTALLED AT H=7'-6" A.F.F AT UNIVERSAL WASHROOM. LOCATED ABOVE DOOR, ONE EACH SIDE. (REFER TO ELECT DWGS)

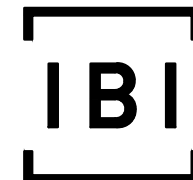
RETAIL AND WAREHOUSE EXISTING SPRAYED FIRE-RATED CEILING:
G.C TO PROVIDE PRIMER PAINT FOR ENTIRE EXTENT OF ALL EXPOSED RETAIL AND WAREHOUSE EXPOSED EXIST SPRAYED FIRE-RATING AT U/S OF EXIST. FLOOR AND ROOF STRUCTURE. PROVIDE A COMPATIBLE FIRE-SPRAY PRIMER PAINT TO EXIST. PRIMED FIRE-SPRAY PRIOR TO CEILINGS PAINT FINISH.



Reflected Ceiling Plan

Scale: 1/8"=1'-0"

1
1.03



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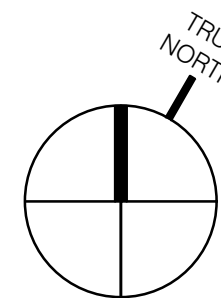


Context Plan



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PROJECT N

8	Sept. 10, 2020	Issued for Permit & Tender	LG
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Rev.:	Date:	Description:	Initial



Issued for Permit & Tender

Issue Date:	September 10, 2020
Project No.:	124671
Scale:	1/8" = 1'-0"
Drawn by:	LG
Checked by:	VG

LCBO Store No. 547
Interior Fit-Up
Toronto, Ontario

Project:
Reflected Ceiling Plan

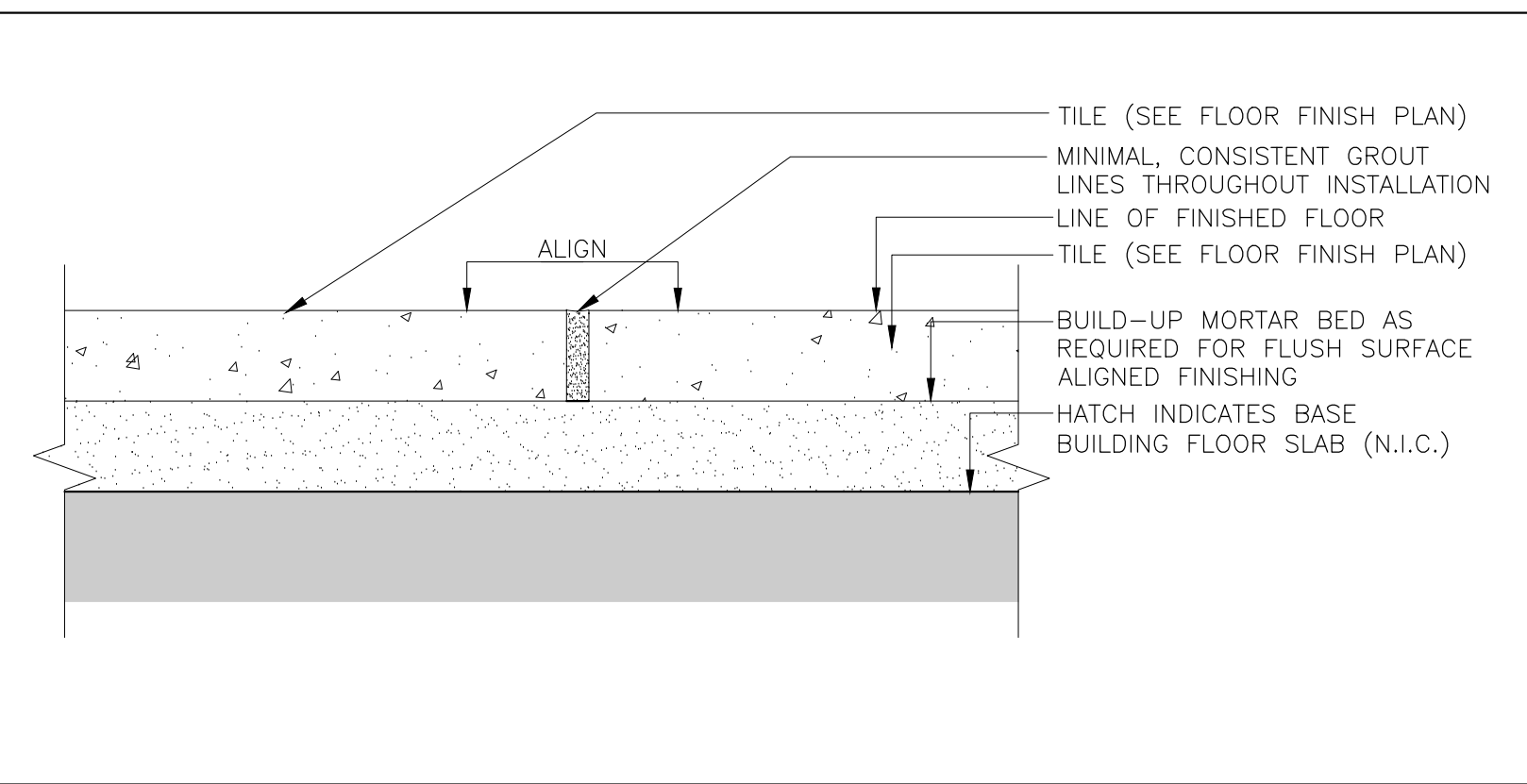
Drawing Title:

A1.03

Sheet No.:

GENERAL NOTES:

- REFER TO SUPPLEMENTAL FINISHES SCHEDULE A4.00 / A4.01 FOR ALL MATERIAL SPECIFICATIONS AND SUPPLIER CONTACT INFORMATION.
- GC TO ENSURE ALL EXISTING CONCRETE FLOORS ARE LEVEL. WHERE CONC SLAB IS NOT EVEN/LEVEL, G.C TO PROVIDE ADDITIONAL MORTAR BED TO LEVEL OUT FLOOR PRIOR TO TILE SUBTRADE'S WORK WHERE REQUIRED. ALL FINISHED TILED FLOOR AREAS TO BE EVEN AND LEVEL.
- PROVIDE SELF-LEVELING COMPOUND TO BRING EXIST FLOOR SLAB TO FLATNESS LEVEL REQUIRED TO ACHIEVE LEVEL TILE FLOOR. (REFER TO SPECIFICATION SECTION 09-30-00 & 03-54-16).
- ALL FLOOR TILE JOINTS (MAX. 1/8" THICK) TO ALIGN WITH GENERAL RETAIL AREA FLOOR TILE JOINTS.
- ALL WALL BASE TO RECEIVE ALUMINUM TILE TRIM. REFER TO WALL BASE DETAIL, THIS PAGE.
- FLOORING SUBTRADE TO 'DOUBLE-BUTTER' (APPLY ONE LAYER OF MORTAR TO TILE AND AN ADDITIONAL LAYER OF MORTAR TO SLAB) ALL STRENGTH OF FLOOR TILE.
- REFER TO SPECIFICATIONS FOR A LIST OF PREFERRED FLOORING INSTALLERS.
- GC TO PROVIDE 4" H. x 12" TILE WALL BASE (CUT FROM FIN. NO. 42) TO ALL EXPOSED PERIMETER WALLS AND COLUMNS AS PER INTERIOR ELEVATIONS FOR RETAIL AREAS AND OFFICE AREA.
- NO WALL BASE IN JANITOR ROOM, PROVIDE CONT. ANTIBACTERIAL SEALANT AT BASE OF CEMENT BOARD AND FIN. FLOOR.
- THE EXISTING FLOOR SLAB WILL BE FLAT TO FF25 AND FL20. 72 HOURS AFTER POUR, PROVIDE ANY SELF-LEVELING REQUIRED TO INSTALL TILES TO MEET SPECIFIED FLATNESS TOLERANCES.
- PROVIDE ON-SITE PAINTED CAUTION ZONES (SOLID PAINTED AREA) WHERE INDICATED ON DWGS. PAINT SHALL BE ARMOURSEAL 8100 BY SHERWIN WILLIAMS (COLOUR: SAFETY YELLOW. FINISH: SATIN). CLEAN, DULL AND LET DRY AREAS TO BE PAINTED PRIOR TO COATING. TEST FOR POROSITY BEFORE PAINTING - MIST WATER ON SURFACE. WATER MUST PENETRATE, NO WATER BEADING SHOULD BE EVIDENT.
ALSO REFER TO SPECIFICATIONS SECTION 09 91 00.1.
- G.C. TO ENSURE THAT ANY TILED FLOOR AREAS WITH FLOOR DRAINS HAVE A MINIMUM OF 2% SLOPE TO DRAIN. G.C. MUST VERIFY THE EXISTING FLOOR FLATNESS AND ACCOMMODATE DURING THE TILE INSTALLATION. G.C. TO DEMONSTRATE CORRECT SLOPE AND DRAINAGE WITH LCBO COORDINATOR AFTER TILE WORK IS COMPLETE.

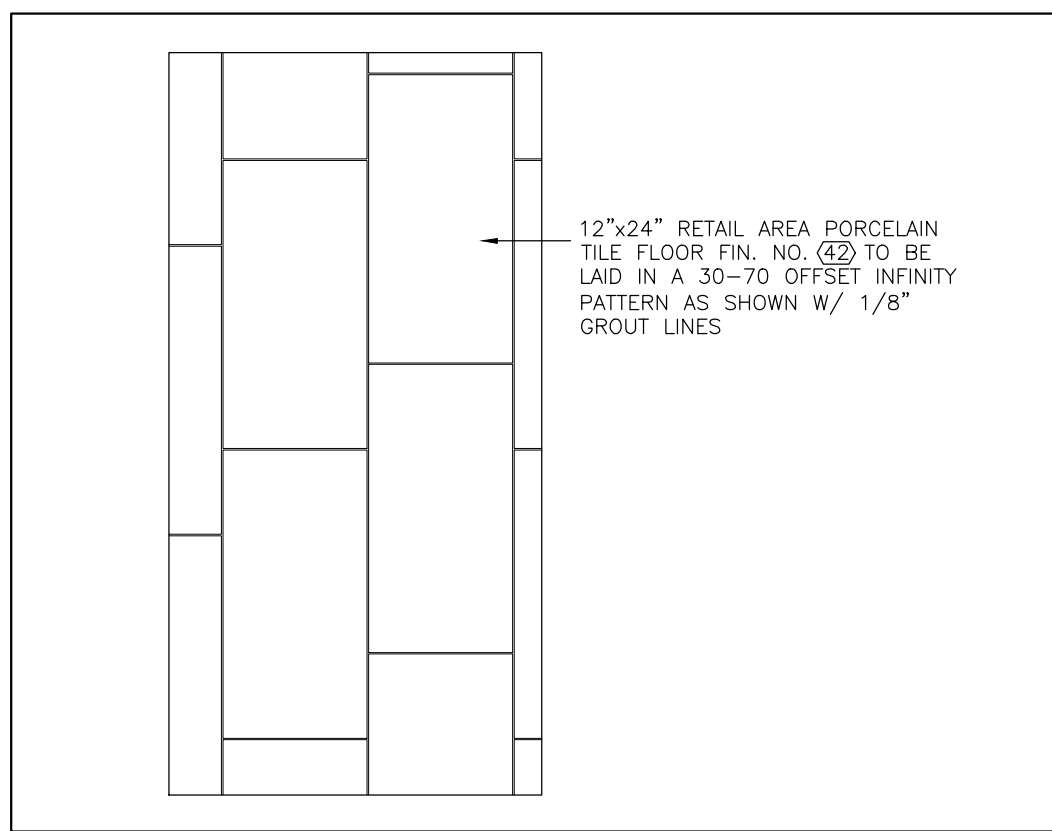


Section Detail: Tile to Tile Transition

Scale: 1"=1'-0"

5

A1.04

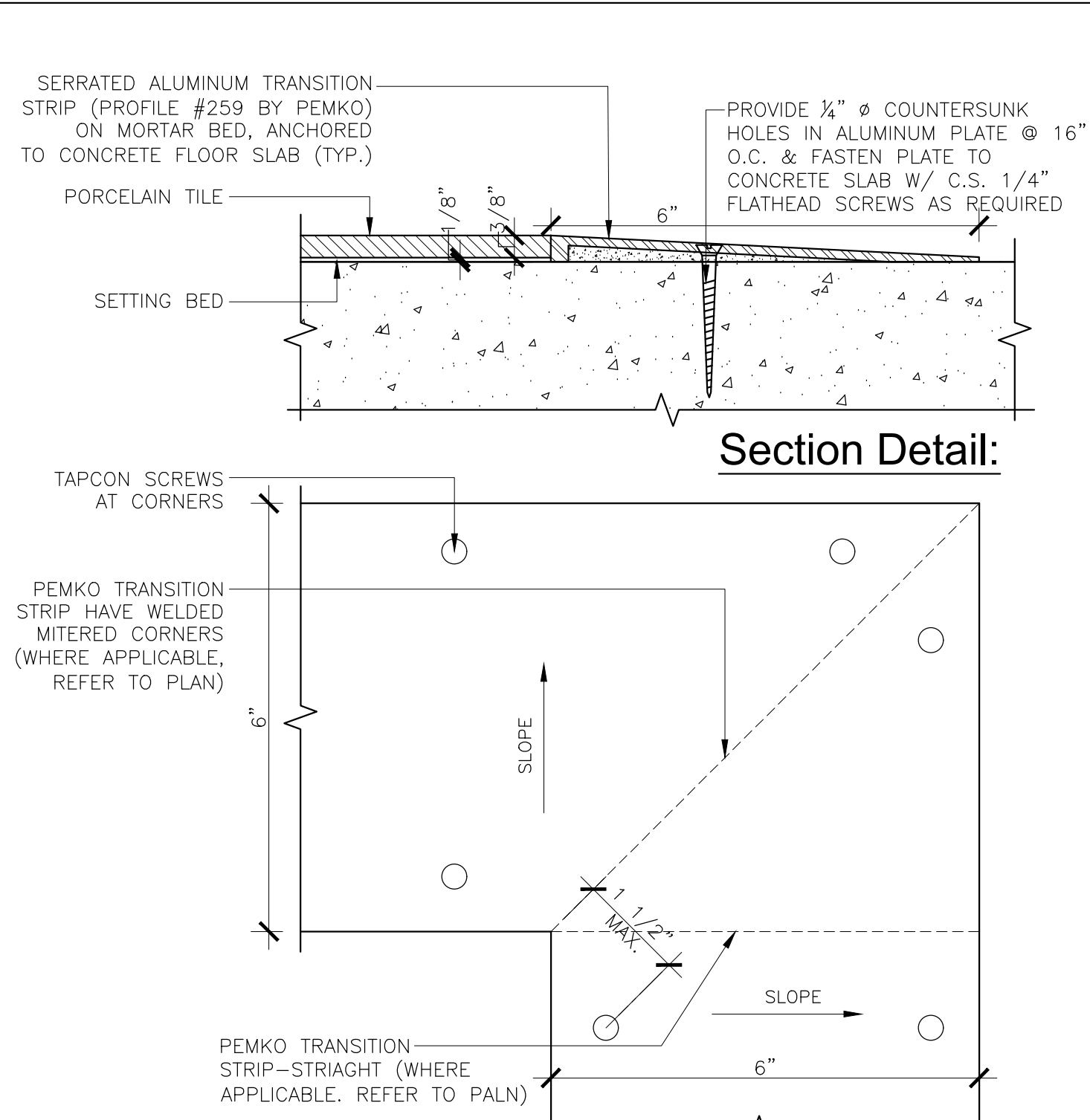


Typical Floor Tile Pattern 30/70

Scale: 3/4"=1'-0"

4

A1.04

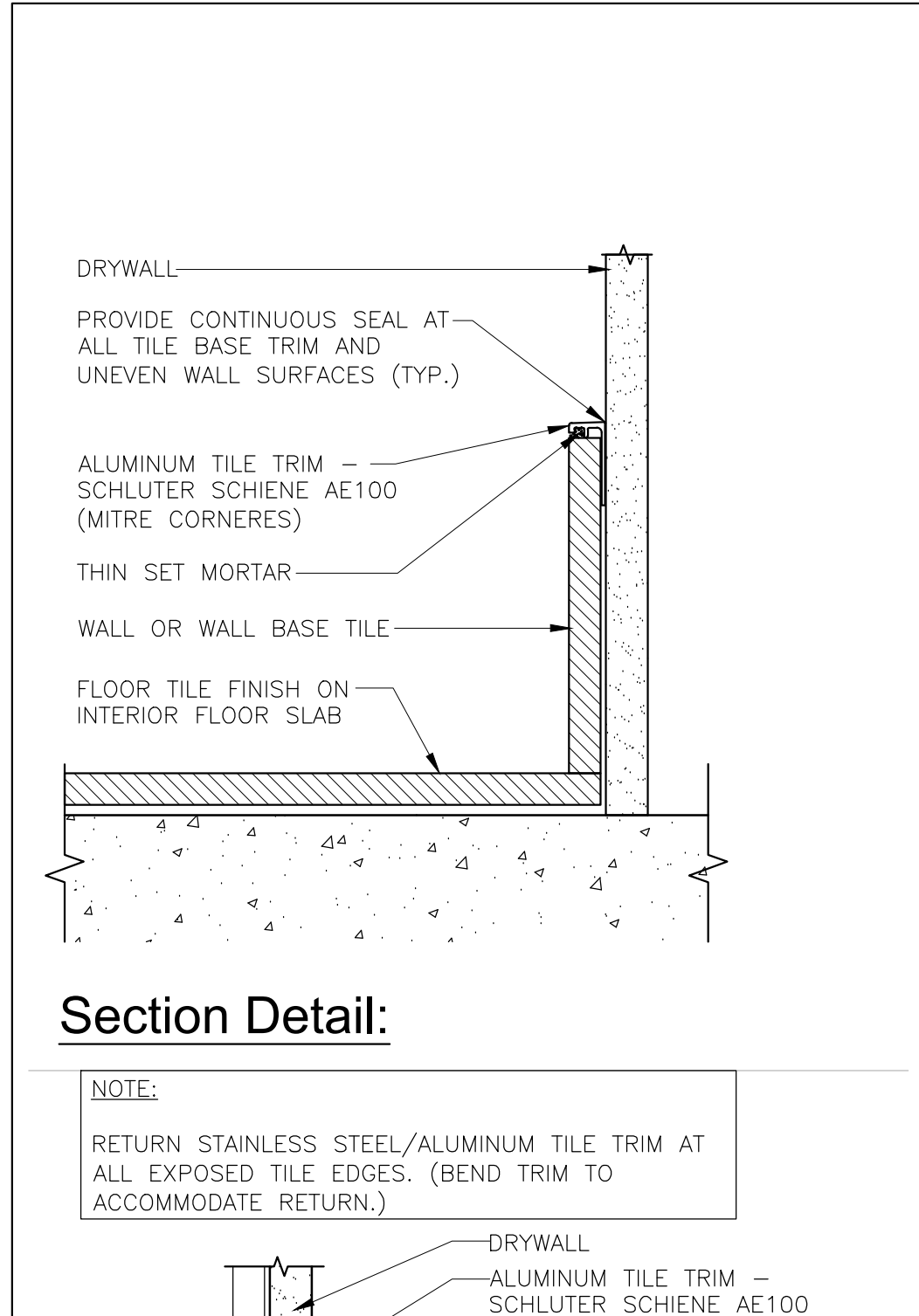


Details: Transition Strip

Scale: 6"=1'-0"

3

A1.04

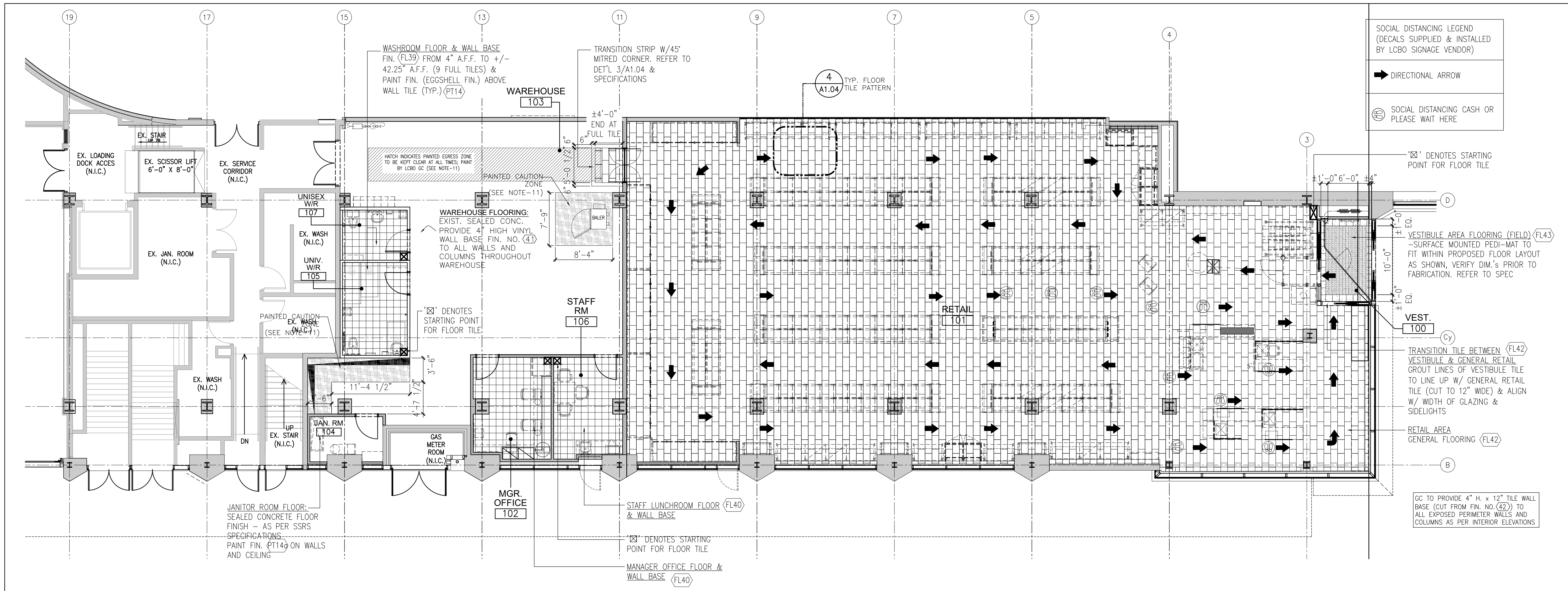


Trim Details @T/O Tiles, Typ.

Scale: 6"=1'-0"

2

A1.04

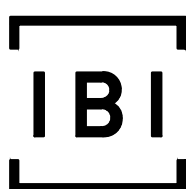


Floor Finishes Plan

Scale: 1/8"=1'-0"

1

A1.04



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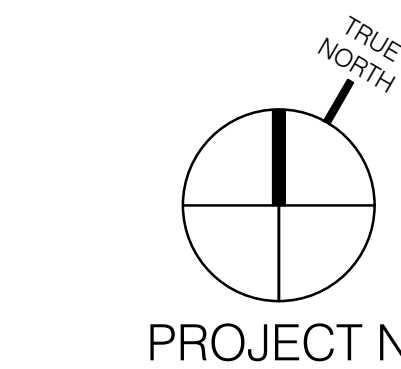
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Context Plan



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Issued for Permit & Tender

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Scale:	1/8" = 1'-0"
Drawn by:	LG
Checked by:	VG

LCBO Store No. 547
Interior Fit-Up
Toronto, Ontario

Project:
Floor Finishes Plan

Drawing Title:

A1.04

Sheet No.:



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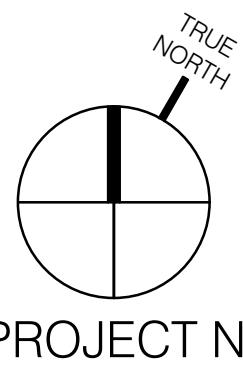


Context Plan



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124671	1/8" = 1'-0"	LG	VG
Project No.:	Scale:	Drawn by:	Checked by:

LCBO Store No. 547
Interior Fit-Up
Toronto, Ontario

Project:
Fixture & Millwork
Itemization Plan

Drawing Title:

A1.05

Sheet No.:

LEGEND:

●●●●● DENOTES TYPICAL DISPLAY BASKETS (N.I.C.) SUPPLIED BY LCBO

GENERAL NOTES AND LEGEND:

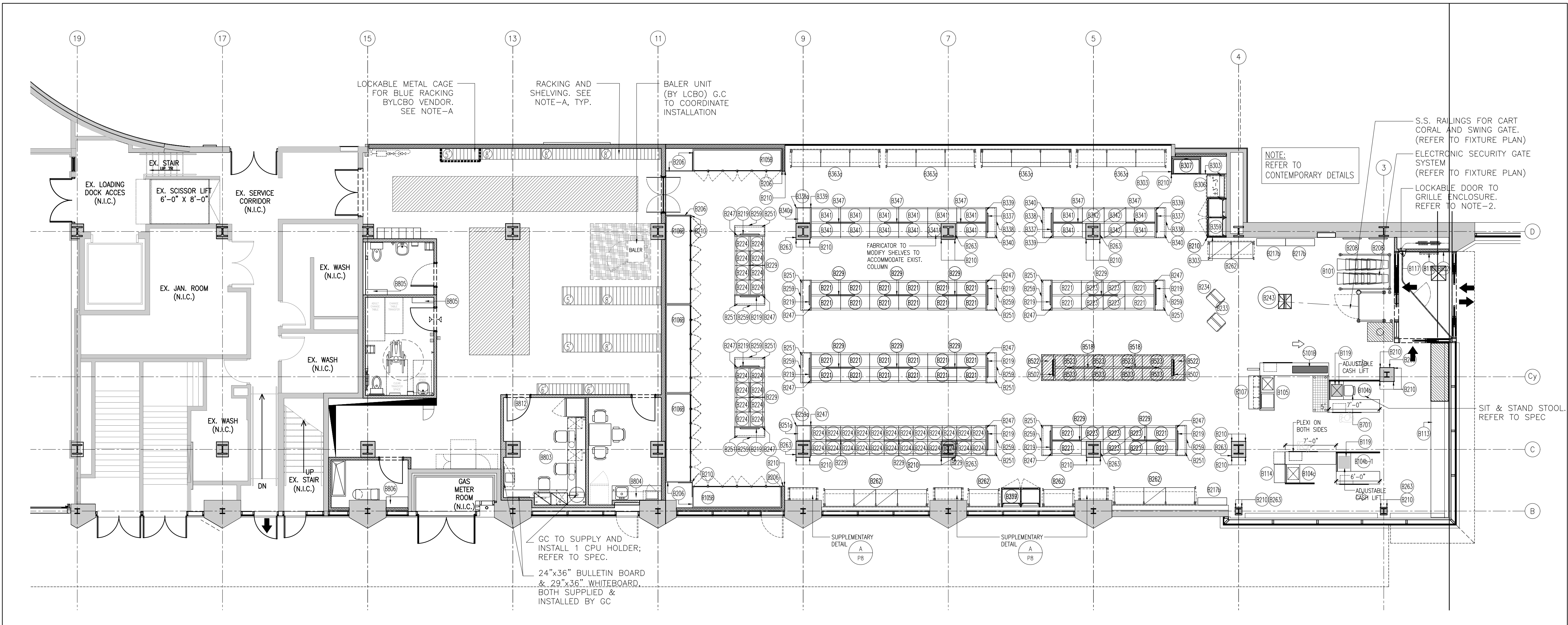
1. REFER TO STANDARD DETAIL'S ISSUANCE #16.
2. DOOR TO GRILLE ENCLOSURE TO BE LOCKABLE W/ PT. FIN. NO. 21A ON CONTINUOUS PIANO HINGE W/ 6" H. STAINLESS STEEL KICK PLATE. PROVIDE (1) CLEAR ANODIZED HANDLE BY HAFELE CAT# 124.02.920. HANDLE TO BE MOUNTED AT 40" A.F.F. LOCK TO BE RECESSED IN METAL KICK PLATE.
3. PROVIDE METAL CORNER GUARDS (AT 4'-0" HIGH) TO ALL OUTSIDE CORNERS IN WAREHOUSE AREA AS SHOWN ON PARTITION PLAN.

MILLWORK/SIGNAGE/REFRIGERATION/METAL SHELVING/WAREHOUSE RACKING NOTES:

A. ALL MILLWORK, LIFT TABLE, METAL SHELVING, SIGNAGE, REFRIGERATION, RACKING AND PAINTED WIRE MESH STEEL CAGE IN STEEL FRAMING SUPPLIED AND DELIVERED BY LCBO. FIT-UP G.C TO COORDINATE INSTALLATION WITH RESPECTIVE VENDORS.

NOTE: SEISMIC RESTRAINT: (THIS STORE IS LOCATED WITHIN A SEISMIC ZONE):

- G.C TO SUBMIT P.ENG STAMPED DRAWINGS WITH RESPECT TO SEISMIC RESTRAINTS FOR:
 - SUSPENDED CEILINGS AND OTHER ATTACHMENTS TO CEILINGS WITH INDEPENDENT VERTICAL SUPPORT.
 - FIXTURES.
- ALSO REFER TO SPECIFICATIONS AND STRUCTURAL, MECHANICAL, ELECTRICAL AND COLDROOM DRAWINGS FOR ADDITIONAL SEISMIC REQUIREMENTS
- LCBO EQUIPMENT VENDOR TO SUBMIT P.ENG STAMPED DRAWINGS WITH RESPECT TO SEISMIC RESTRAINTS FOR WAREHOUSE PALLET RACKING.



Itemization Plan
Scale: 1/8"=1'-0"

1
1.05

PARTITION LEGEND:

■ DENOTES BASE BUILDING WALLS

■ DENOTES FUTURE LCBO WALLS (BY LCBO GC)

ABBREVIATIONS:

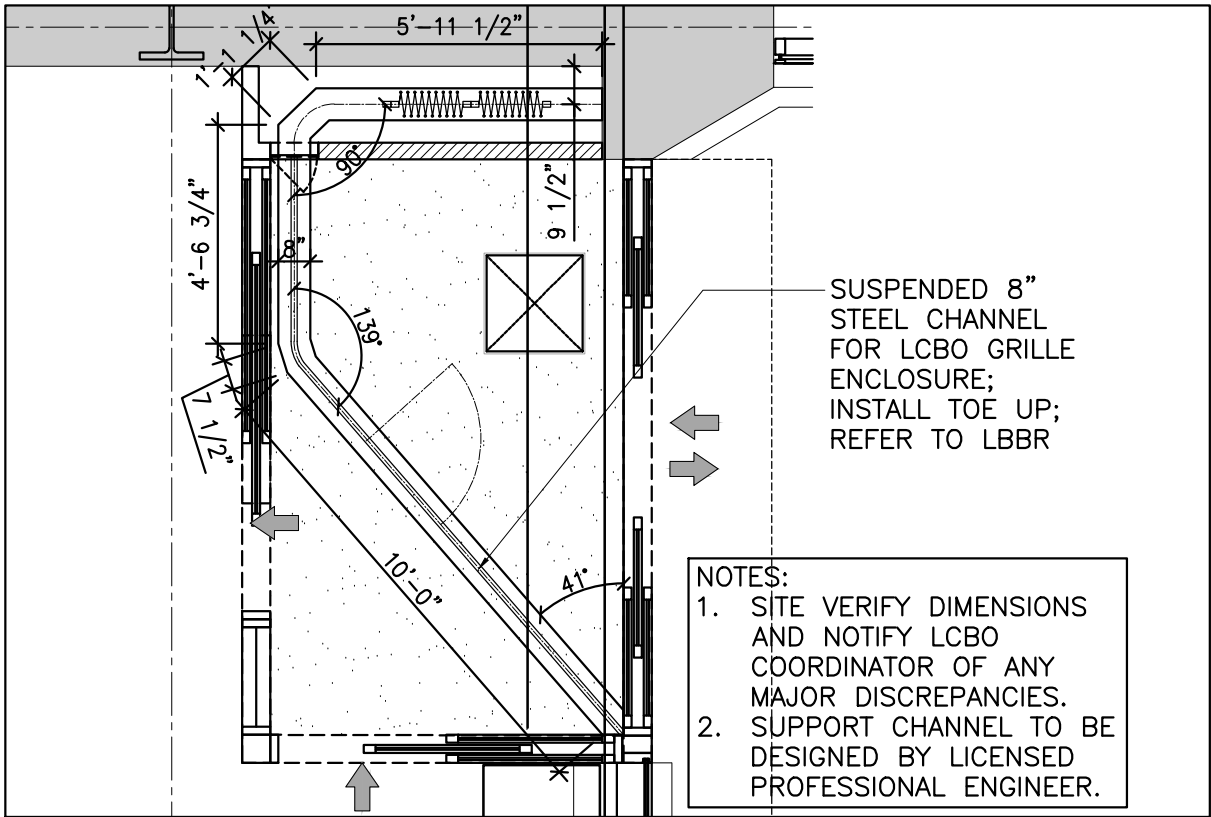
FFD: FUNNEL FLOOR DRAIN
FD: FLOOR DRAIN
HB: HUB DRAIN
RA: REFRIGERATION ACCESS (3" DIA. - CORE ONLY)
RE: REFRIGERATION ELECTRICAL (2" DIA. - CORE ONLY)
PW: POWER PROVISION - CORE & CONDUIT TO PANEL; Ø AS NOTED

NOTES:

- WORK ON THIS SHEET IS BY BASE BUILDING CONTRACTOR (UNLESS NOTED OTHERWISE), AND IS FOR REFERENCE OF THE FIT-OUT GC.
- LOCATIONS OF ALL IN-FLOOR SERVICES MUST BE SITE VERIFIED BY THE LCBO PRIOR TO CORING / CUTTING OF SLAB.
- ALL PIPES SHOWN IN WALLS TO BE CENTERED IN WALL.
- ANY PIPES, DUCTS, CONDUITS, WIRING PENETRATING THE FIRE STOP ASSEMBLY SHALL BE CAULKED WITH FIRE STOP SEAL.
- GC TO PROVIDE DRAWING(S) LOCATING ANY ADDITIONAL CORING REQUIRED AND OBTAIN APPROVAL FROM LANDLORD BEFORE CARRYING OUT ANY ADDITIONAL CORING WORK. ANY ADDITIONAL / UNFORESEEN SCANNING & CORING REQUIRED TO FULFILL THE REQUIREMENTS OF THE CONTRACT DOCUMENTS SHALL BE INCLUDED IN THE ORIGINAL TENDERED PRICE. IT IS THE GC'S RESPONSIBILITY TO REVIEW THE EXISTING SITE CONDITIONS AND ALLOW FOR ANY ADDITIONAL CORING / SCANNING REQUIRED.
- ALL FLOOR DRAINS AND CLEANOUTS IN WASHROOMS OR OTHER TILED AREAS TO BE RAISED 1/2" ABOVE SLAB TO COORDINATE WITH FLOOR TILE INSTALL AND HAVE SQUARE SHAVED COVERS (WASHROOM, STAFF ROOM, RETAIL). SET DRAIN/CLEANOUT TO MID-POINT OF THREADED ADJUSTMENT RANGE TO ALLOW FOR FINE ADJUSTMENT BY FIT-UP TRADE.
- FLOOR DRAIN(S) AND CLEANOUT(S) IN JANITOR ROOM AND WAREHOUSE (ALL AREAS FOR CONCRETE FINISH FLOOR) TO BE SET FLUSH WITH THE T/O CONCRETE SLAB.
- LANDLORD TO PROVIDE HORIZONTAL AND VERTICAL CONTROL JOINTS ON ALL PERIMETER WALLS WHERE A WALL OR PARTITION RUNS IN AN UNINTERRUPTED STRAIGHT PLANE EXCEEDING 30 LINEAR FEET. VERTICAL JOINTS TO BE BEHIND SECURITY SHUTTER GUIDES AND HORIZONTAL CONTROL JOINTS AT 6" BELOW OWSJ.
- PROVIDE 3/4"Ø CONDUIT FOR FUTURE LCBO MOTORIZED SUN SHADES AS INDICATED ON PLAN AND PER DETAIL.

GENERAL NOTES:

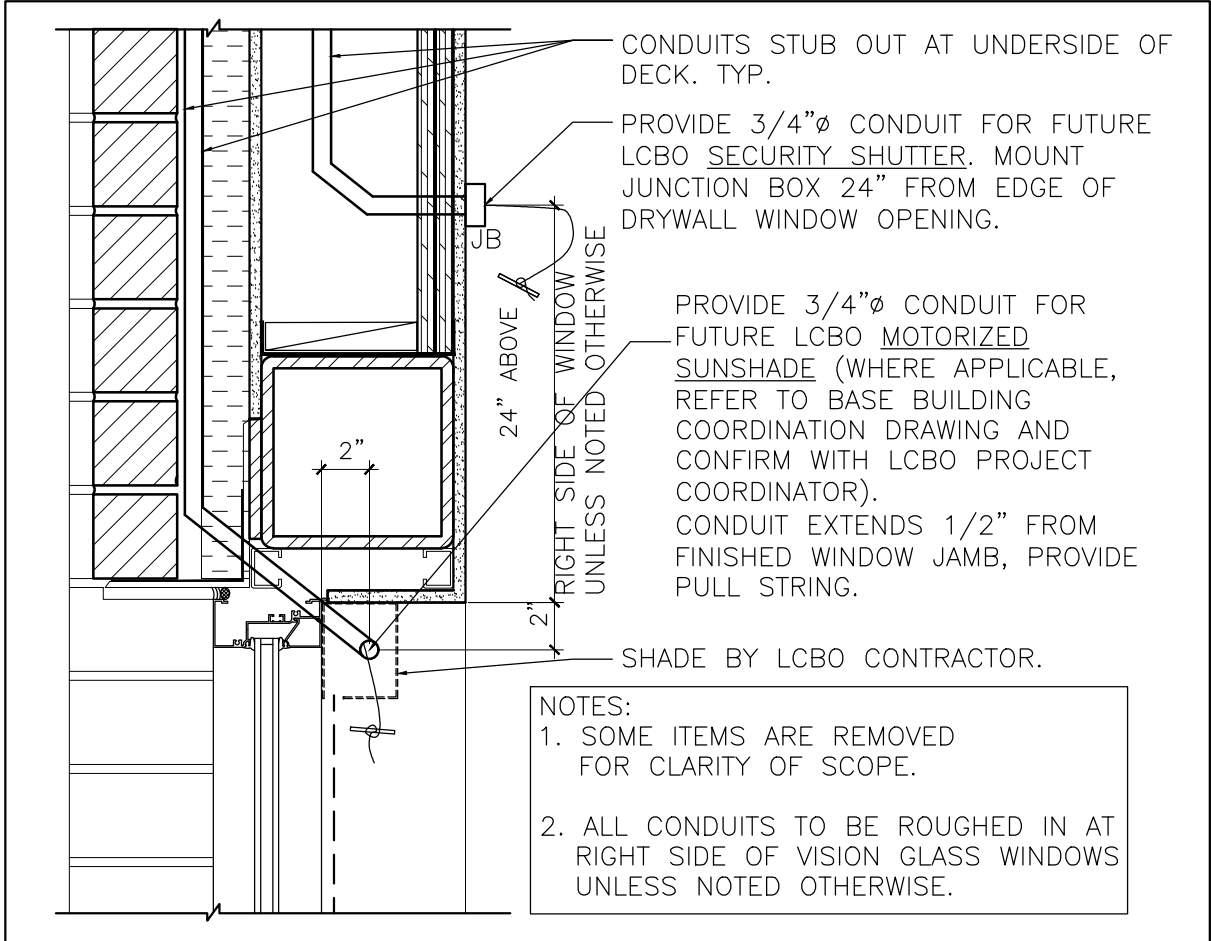
- ALL CONTRACT DOCUMENT DRAWINGS ARE TO BE READ IN CONJUNCTION TOGETHER WITH EACH OTHER. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT FOR CONSULTATION.
- BIDDING GENERAL CONTRACTORS AND SUB TRADES MUST ATTEND MANDATORY SITE MEETING SCHEDULED BY LCBO COORDINATOR FOR Q&A SESSION AT TENDER PHASE.
- ALL WORK, SOURCING, SUPPLY, AND INSTALLATION TO BE NEW AND BY GC UNLESS NOTED OTHERWISE.



Security Grille Support Detail

Scale: 1/4"=1'-0"

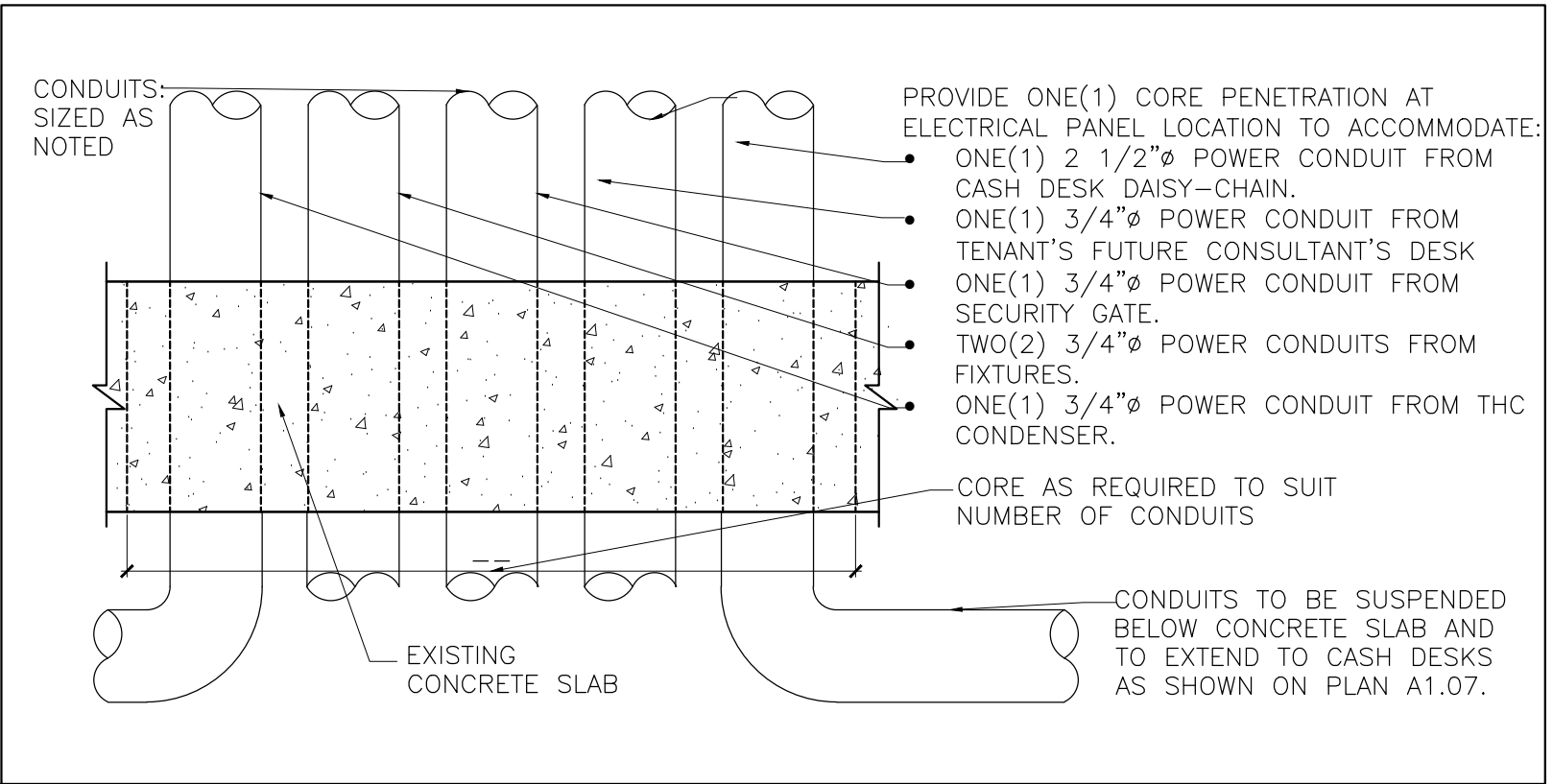
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A1.07



Rough-ins for Motorized Sunshades

Scale: 1 1/2"=1'-0"

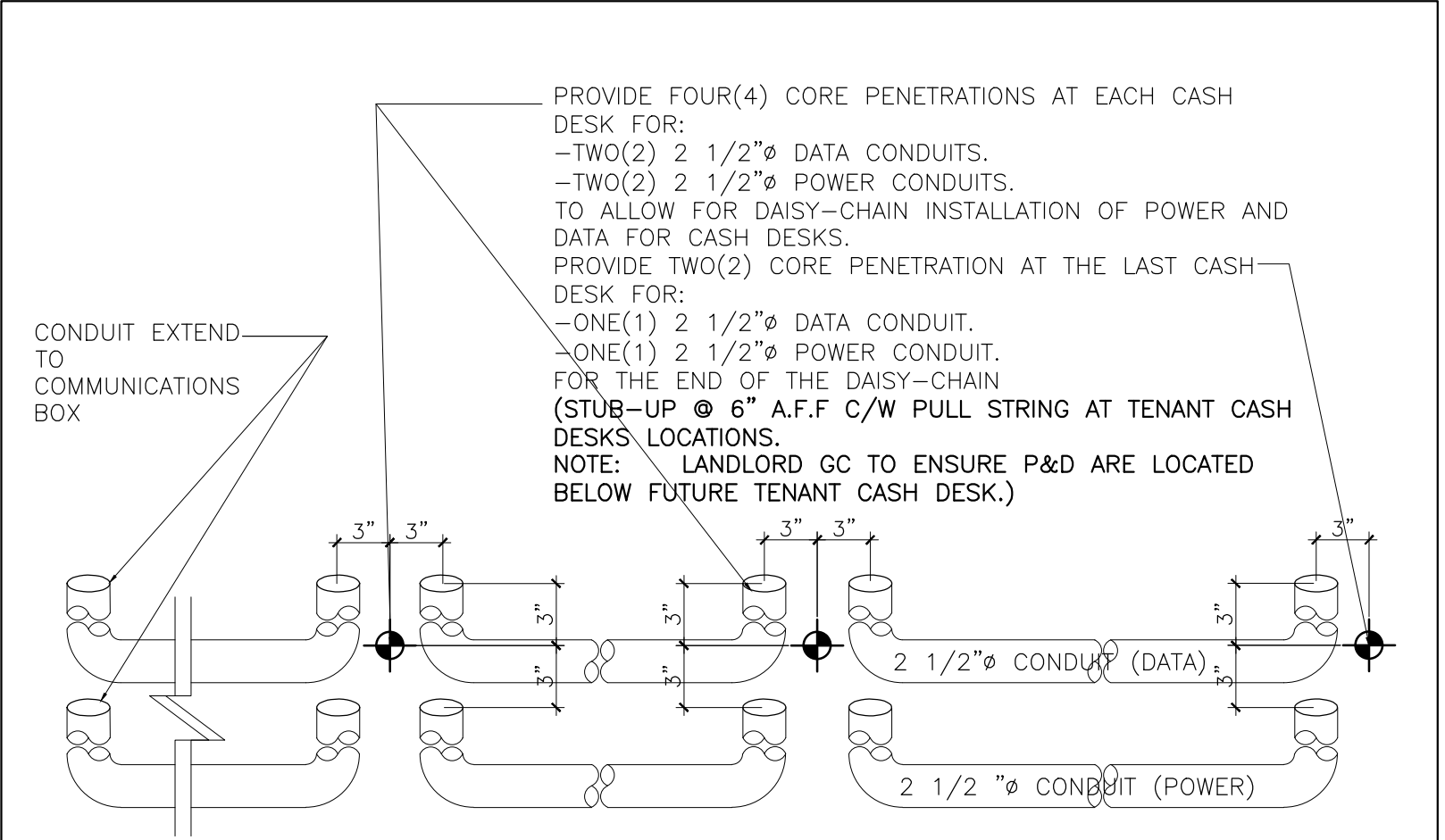
4
A1.07



Section Detail: Conduit Termination at for Power Requirement (FOR REFERENCE)

Scale: 3"=1'-0"

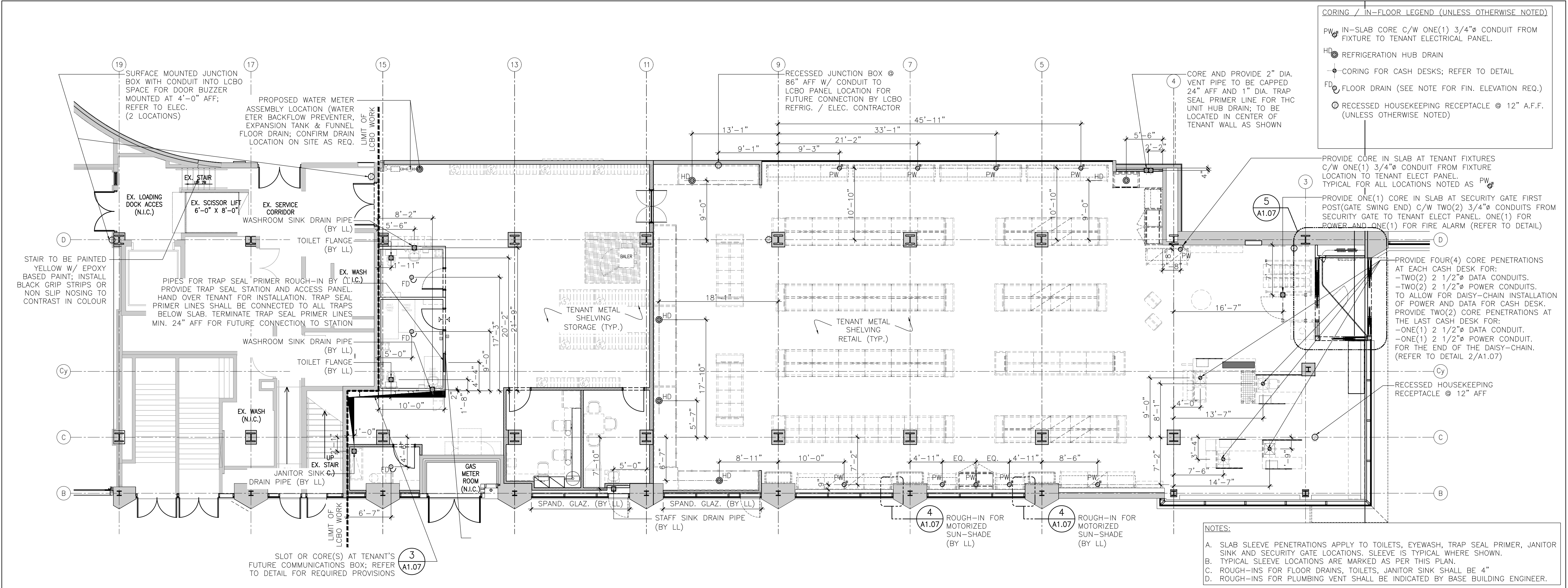
3
A1.07



Conduit Penetrations @ Cash Desk

Scale: 1 1/2"=1'-0"

2
A1.07



Coordination Plan

Scale: 1/8"=1'-0"

1
A1.07

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PROJECT N

TRUE NORTH

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Issued for Permit & Tender	Issue Date:	September 10, 2020
Project No.:	Scale:	AS NOTED LG VG
124671	Scale:	AS NOTED LG VG
Project No.:	Scale:	AS NOTED LG VG

LCBO Store No. 547
Interior Fit-Up
Toronto, Ontario

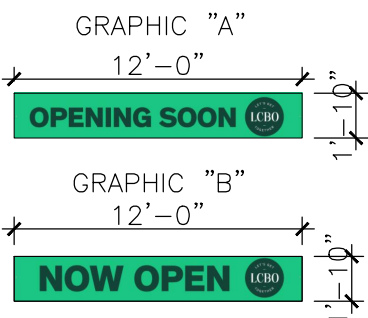
Project:
Base Building Services
Coordination Plan

Drawing Title:
A1.07

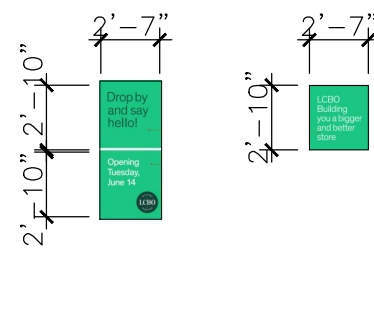
GENERAL NOTES:

- GC TO COORDINATE ALL SIGNAGE INSTALLATION WITH LCBO SIGNAGE VENDOR AND LCBO COORDINATOR.
- SIGNAGE MANUFACTURER TO CONFIRM ALL FONTS, ARTWORK, MATERIALS, FINISHES AND CONSTRUCTION OF CHANNEL LETTERS WITH LCBO CONSTRUCTION COORDINATOR PRIOR TO FABRICATION OF THE ABOVE ITEMS. SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL FOR ALL OF THE ABOVE ITEMS PRIOR TO FABRICATION.
- LCBO SIGNAGE CONTRACTOR SUPPLY AND INSTALL BILINGUAL "OPEN" AND "COLD BEER". SIGNS TO BE SUSPENDED FROM WINDOW SYSTEM. POWER VIA RECEPTACLES TO BE SUPPLIED & INSTALLED BY GC (REFER TO ELEC).
- ILLUMINATED BOX SIGN. SUPPLIED AND INSTALLED BY LCBO SIGNAGE CONTRACTOR. SEE ELEVATIONS FOR DIMENSIONS
- SOLID FILM AS PER DWG. A1.01 APPLIED TO INNER FACE OF VISION GLASS PRIOR TO WALL CONSTRUCTION WHERE SHOWN ON PLAN. SUPPLIED AND INSTALLED BY G.C. REFER TO SPEC.
- VERY VINYL 'ETCHMARK' FILM APPLIED TO VISON GLASS WHERE SHOWN ON ELEVATION. SUPPLIED AND INSTALLED BY LCBO SIGNAGE VENDOR.
- VINYL GRPHIC FILM APPLIED TO VISON GLASS WHERE SHOWN ON ELEVATION. SUPPLIED AND INSTALLED BY LCBO SIGNAGE VENDOR.
- ALL DIMENSIONS TAKEN FROM FINISHED FLOOR LEVEL.

TEMPORARY VINYL GRAPHIC: OPENING SOON / NOW OPEN:

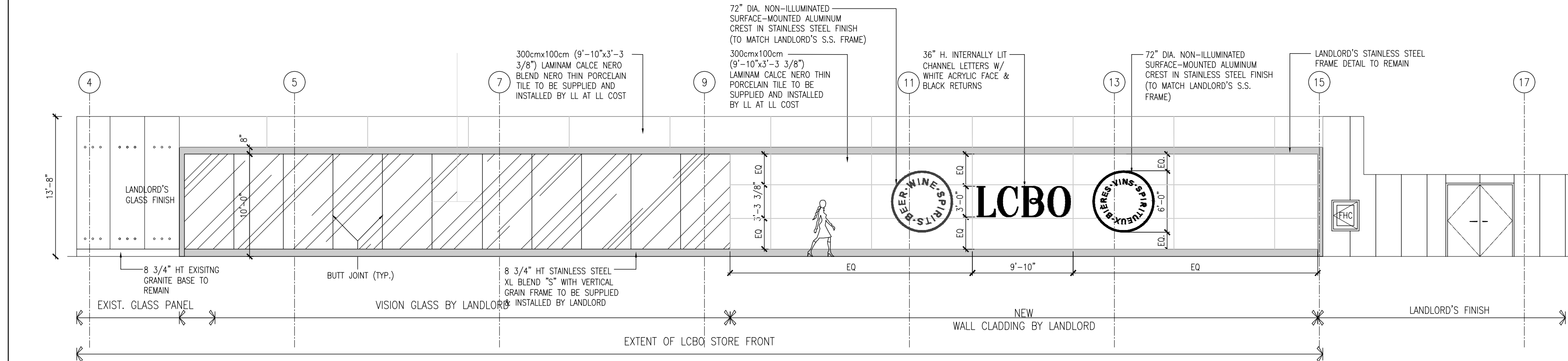


TEMPORARY ENTRANCE GRAPHIC: DOOR GRAPHIC:



TEMPORARY BANNERS AND DOOR GRAPHICS NOTES:

- ALL EXTERIOR GRAPHICS TO BE SUPPLIED BY LCBO AND INSTALLED BY LCBO SIGN CONTRACTOR.
- SIGNAGE CONTRACTOR TO REVIEW AND CONFIRM ZONING BYLAWS FOR TEMPORARY SIGNS WITH THE MUNICIPALITY.
- SIGN CONTRACTOR TO APPLY AND PAY FOR ALL REQUIRED PERMITS.
- SIGN CONTRACTOR SHALL SUPPLY AND INSTALL "OPENING SOON" BANNER AS SOON AS POSSIBLE.
- PROVIDE AND ERECT SIGNS ONE WEEK PRIOR TO COMMENCING WORK ON SITE.
- ON THE MORNING OF THE STORE OPENING (CONFIRM DATE WITH PROJECT COORDINATOR), SIGN CONTRACTOR TO RETURN TO SITE TO TURN BANNER TO THE "NOW OPEN" SIDE BEFORE 8:00AM.
- SIGN CONTRACTOR TO RETURN 30 DAYS AFTER OPENING TO REMOVE BANNER AND TURN OVER TO STORE MANAGER.
- SIGN CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR LCBO REVIEW AND APPROVAL.
- PROVIDE 2 BANNERS OF EACH SIGN TYPE
- SIGNAGE CONTRACTOR TO CONFIRM THAT EXTERIOR BANNERS PROVIDED BY LCBO ARE APPROVED BY THE CITY/MUNICIPALITY.
- TEMPORARY BANNER SIGNS TO BE ATTACHED AT BRICK MORTAR JOINTS ONLY.
- DATE OF STORE GRAND OPENING VARIES DEPENDING ON STORE.
- AVOID SEAMING WHERE POSSIBLE. REFER TO SPEC.
- PROVIDE GROMMETS AT HOLES FOR BANNER SIGNS. ALL FASTENINGS TO BE CONCEALED OR HAVE COLOUR MATCHED HEADS.
- DOUBLE SIDED BANNERS TO BE INSTALLED/FASTENED TO BRICK MASONRY MORTAR JOINTS. AVOID DRILLING FACADE MATERIAL.
- ALL HOLES IN MORTAL JOINTS TO BE FILLED UPON REMOVAL OF BANNER AND FINISH TO MATCH EXIST. FINISH.
- ROPE/BUNGEE CORDS TO BE USED AS REQUIRED TO REACH NEAREST MORTAR JOINTS WHERE GROMMETS DO NOT LINE UP WITH MORTAR JOINTS FOR BANNER SIGNS.
- VINYL FILM SIGNS TO BE APPLIED TO EXTERIOR FACE OF GLAZING.
- ENSURE VINYL FILM IS MANUFACTURED FOR TEMPORARY INSTALLATION ONLY.
- COORDINATE DESIGN AND REQUIRED PRINTS WITH MANUFACTURER.



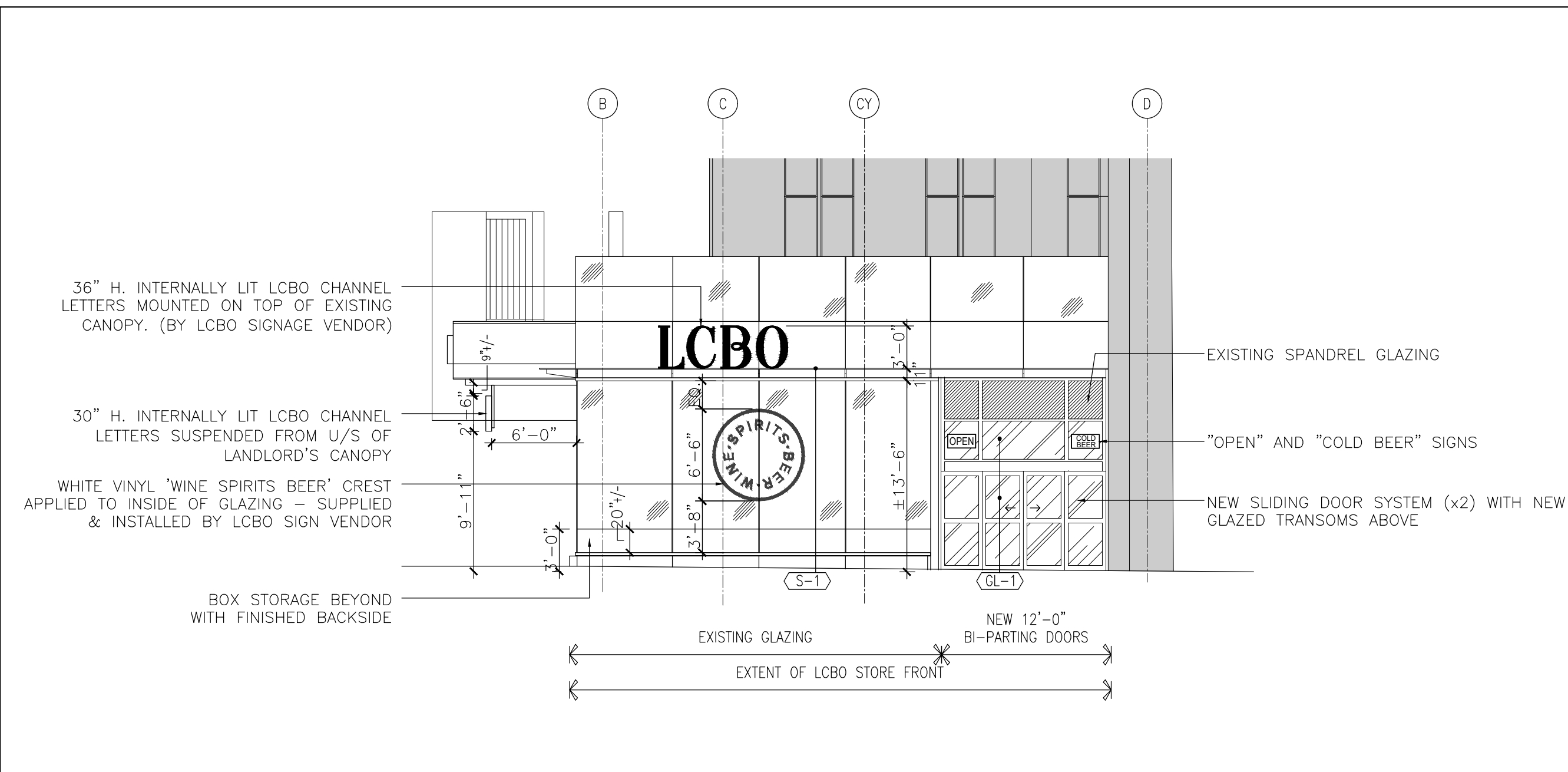
A MALL ELEVATION
30 SCALE: 3/32"=1'-0"

Interior Mall Elevation

Scale: 1/8"=1'-0"

3
2.00

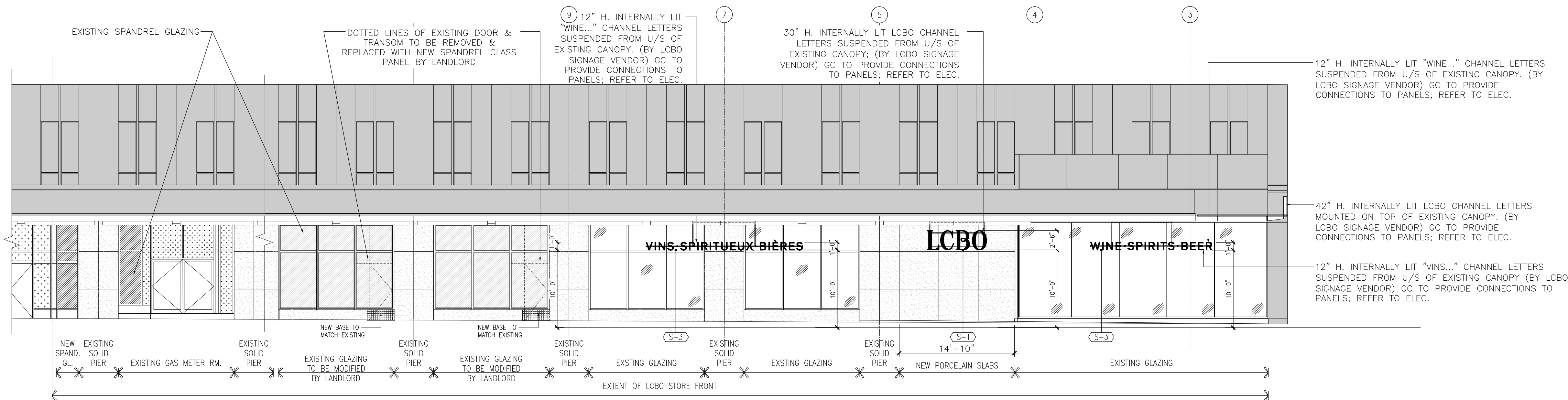
SIGNAGE LEGEND	
GL-1	DOOR AND WINDOW FRAMES: (EXISTING)
S-1	LCBO CHANNEL LETTER SIGNAGE (LED ILLUMINATED): LCBO HIGH ILLUMINATED CHANNEL LETTERS (HEIGHT VARIES -REFER TO CORRESPONDING ELEVATIONS): 1. FABRICATED ALUMINUM LETTERS W/ 3/8" WHITE ACRYLIC FACES COVERED W/ 3M 375-60 WHITE. 2. 1" MYLAR TRIM CAP W/ FIN. METALLIC SILVER #8886. 3. 3/8"THK. X 5"DP ALUMINUM CHANNEL CANISTERS W/ AUTOMOTIVE PAINT TO MATCH MATTHEWS PAINT MPC 101 42MP12734 GARRISON MATTE FINISH 'DARK GREEN'. 4. CENTER LOOP OF LETTER "B" TO BE HOLLOW. 5. INTERNAL WHITE LED - ALLANSON STORMTIGHT II LED ACLW-CW2-100 W/ WATERPROOF TRANSFORMERS 6500K. *SUPPLIED & INSTALLED BY LCBO SIGNAGE VENDOR.
S-3	'WINE SPIRITS BEER' & VINS SPIRITUEUX BIERES' CHANNEL LETTER SIGNAGE (LED ILLUMINATED): LCBO HIGH ILLUMINATED CHANNEL LETTERS (HEIGHT VARIES -REFER TO CORRESPONDING ELEVATIONS): 1. FABRICATED ALUMINUM LETTERS W/ 3/8" WHITE ACRYLIC FACES COVERED W/ 3M 375-60 WHITE. 2. 1" MYLAR TRIM CAP W/ FIN. BLACK. 3. 3/8"THK. X 5"DP ALUMINUM CHANNEL CANISTERS W/ BLACK AUTOMOTIVE PAINT. 4. CENTER LOOP OF LETTER "B" TO BE HOLLOW. 5. INTERNAL WHITE LED - ALLANSON STORMTIGHT II LED ACLW-CW2-100 W/ WATERPROOF TRANSFORMERS 6500K. *SUPPLIED & INSTALLED BY LCBO SIGNAGE VENDOR



East Elevation - Elgin Street

Scale: 1/8"=1'-0"

2
2.00



South Elevation - Nepean Street

Scale: 1/8"=1'-0"

1
2.00



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Context Plan



General Notes:

- ALL DIMENSIONS IN IMPERIAL.
- VERIFY ALL DIMENSIONS.
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Rev.:	Date:	Description:	Initial



Issued for Permit & Tender

Issued for:

September 10, 2020

Issue Date:

124671

Project No.:

1/8" = 1'-0"

Scale:

LG

VG

Drawn by:

Checked by:

LCBO Store No. 547
Interior Fit-Up
Toronto, Ontario

Project:

Exterior Elevations

Drawing Title:

Sheet No.:

A2.00





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Context Plan



General Notes:

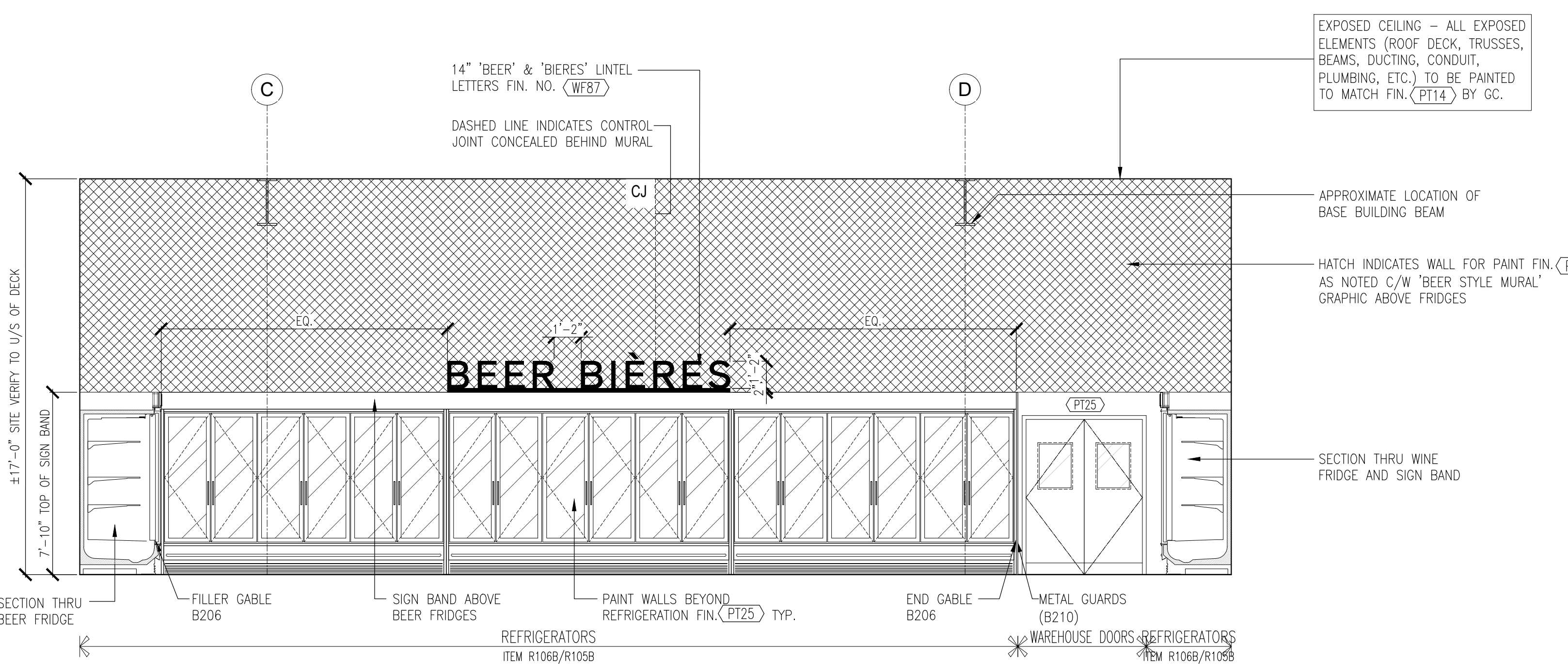
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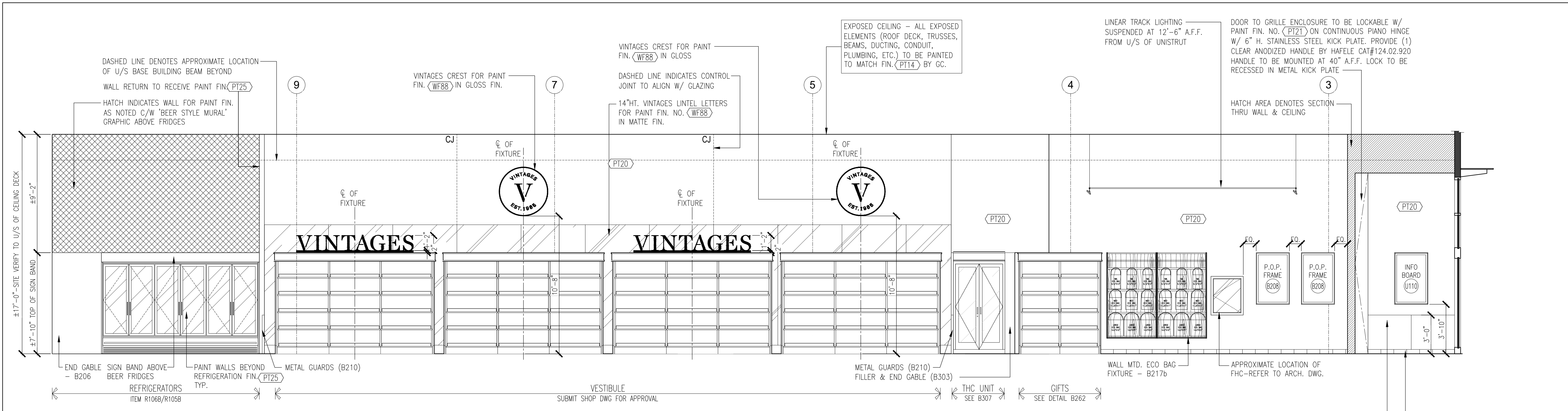
- DENOTES BASE BUILDING WORK
- HATCH INDICATES 'BEER STYLE MURAL' GRAPHIC
- HATCH DENOTES GYPSUM BD BULKHEAD BY GC

GENERAL NOTES:

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2. 4" HIGH BASE TILE THROUGHOUT RETAIL AND VESTIBULE. REFER TO FINISHES SCHEDULE.
3. REFER TO FINISHES SCHEDULE DWGS A4.00 FOR ALL MATERIAL SPECIFICATIONS.
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Interior Elevation 2
Scale: 1/4"=1'-0"



Interior Elevation 1
Scale: 1/4"=1'-0"

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Issue Date:			
September 10, 2020			
124671	1/8" = 1'-0"	LG	VG
Project No.:	Scale:	Drawn by:	Checked by:

LCBO Store No. 547
Interior Fit-Up
Toronto, Ontario

Project:
Interior Elevations

Drawing Title:

A2.01



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Context Plan



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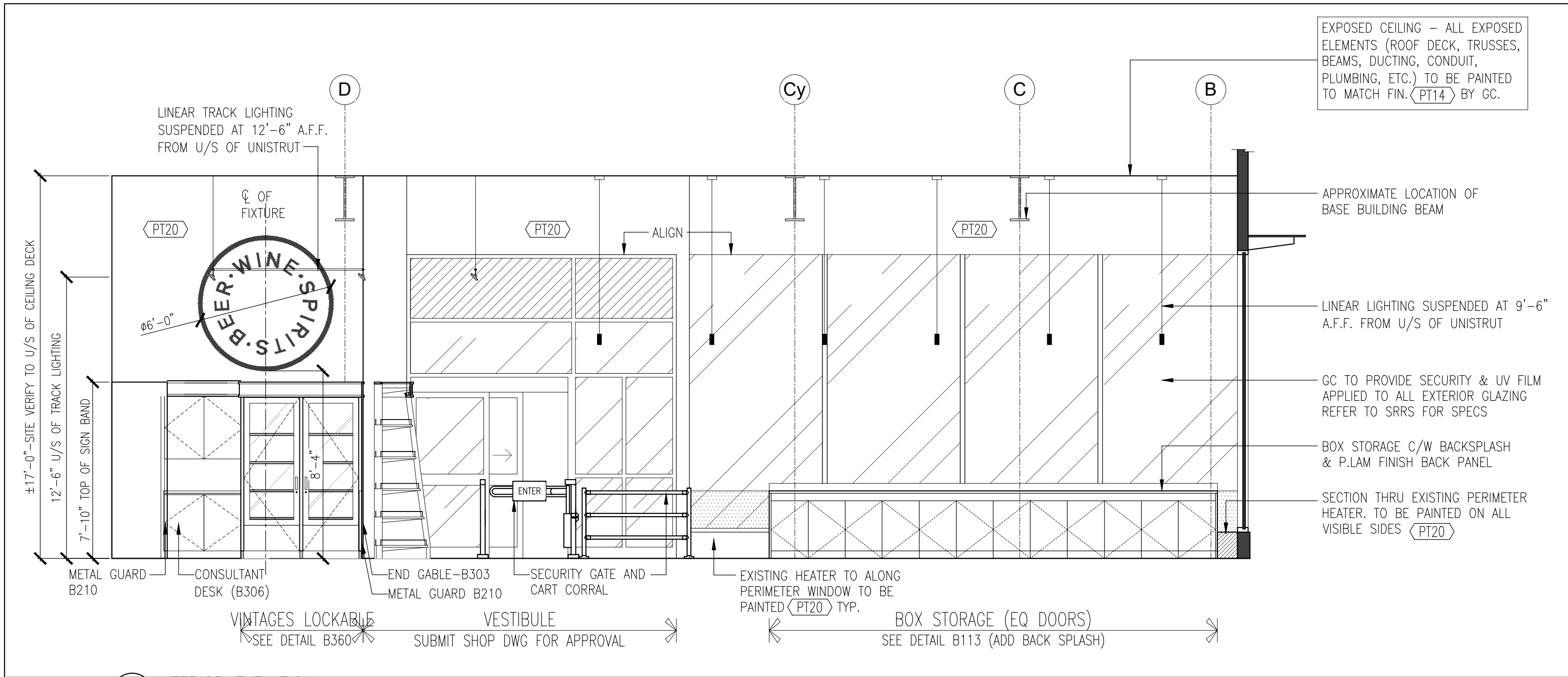
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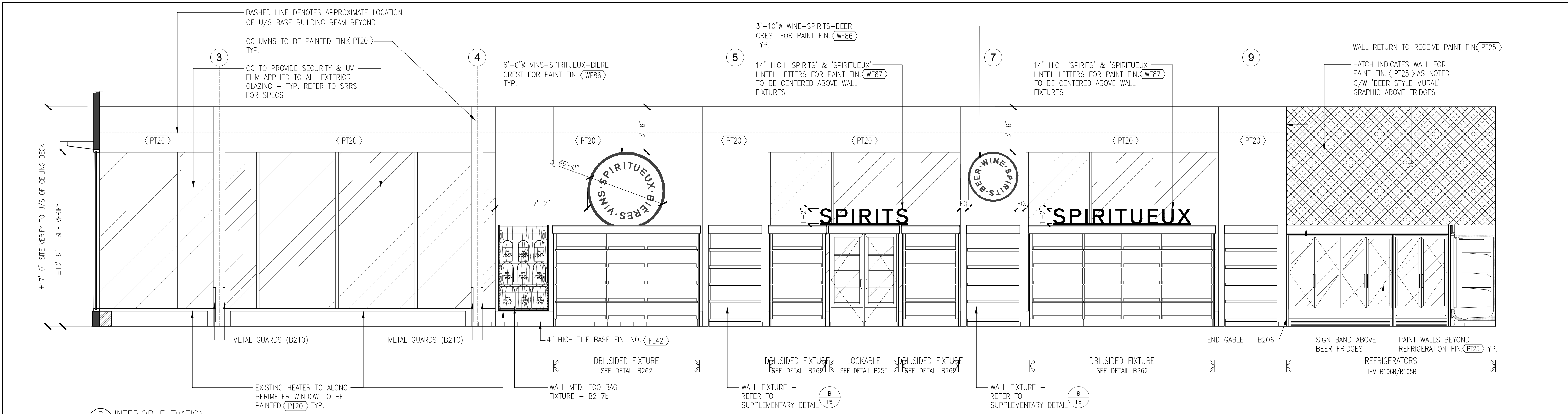
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Interior Elevation 2
Scale: 1/4"=1'-0"



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VG

Checked by:

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Toronto, Ontario

Project:

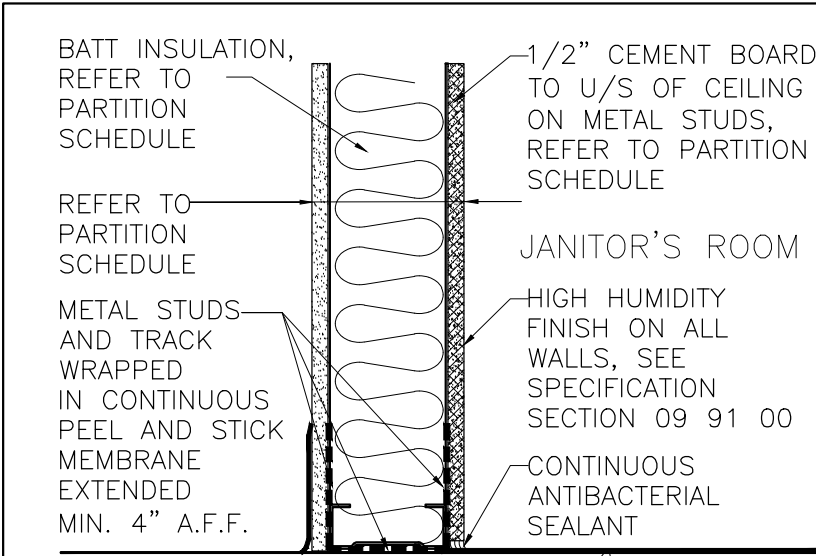
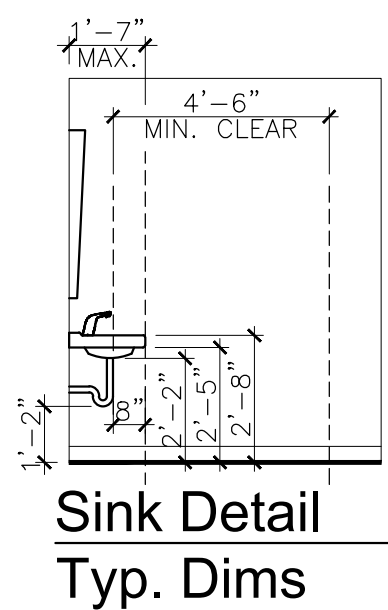
Interior Elevations

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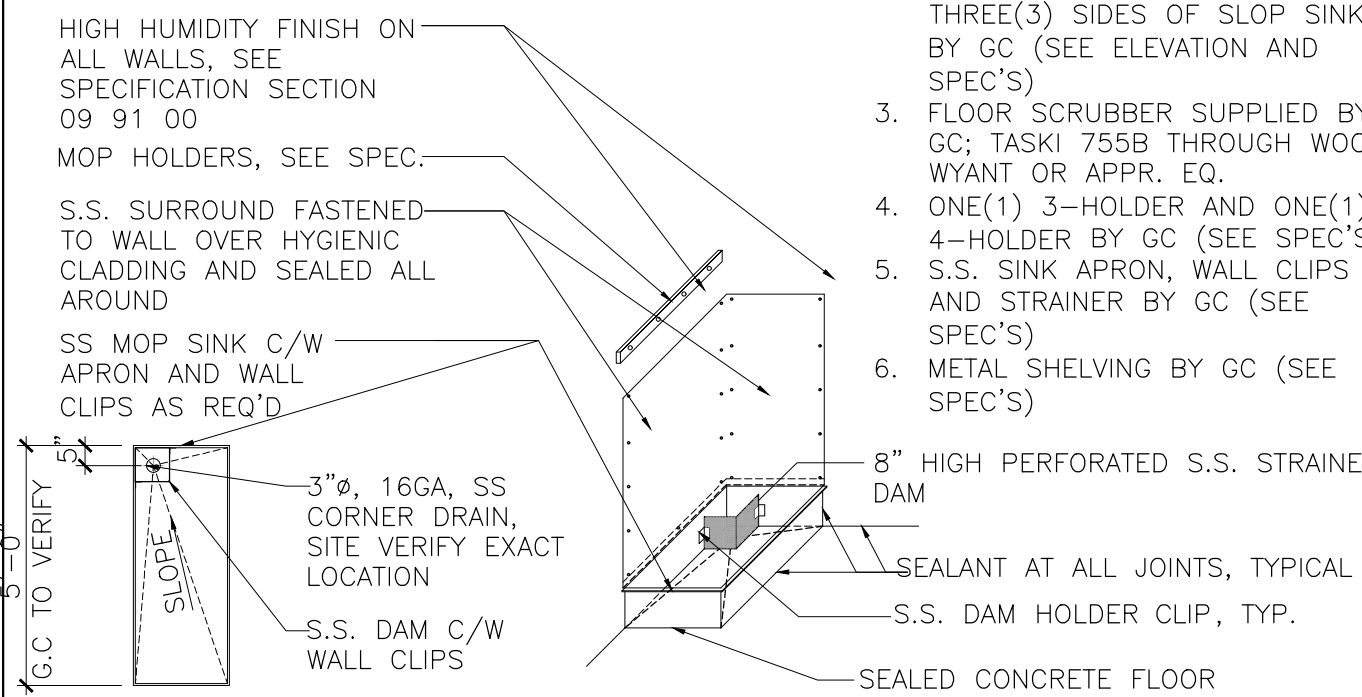
Sheet No.:

A2.02

- SEISMIC NOTES:**
1. PROVIDE SEISMIC RESTRAINT FOR ALL SUSPENDED EQUIPMENT, PIPES, DUCTS, ELECTRICAL CABLE TRAY, LIGHT FIXTURES, ETC.
- GENERAL MANAGER'S OFFICE NOTES:**
1. REFER TO M&E DRAWINGS FOR LOCATIONS OF THERMOSTATS, SWITCHES, ETC. (TYP.).
 - 1) THREE (3) CHAIRS, THREE (3) KEYBOARD TRAYS, ONE (1) P.O.S CPU HOLDER. REFER TO DWGS #F803. TWO (2) TYPE 'A' FILE CABINET AND ONE (1) TYPE 'B' CABINET (SEE SPECS)
 2. ALL UPPER CABINETS TO BE LOCKABLE. PROVIDE VENTING AT TOP OF ALL CABINETS HOUSING A/V EQUIPMENT. POWER AND DATA TO BE PROVIDED FOR UPPER CABINETS. REFER TO LCBO'S STANDARD DETAILS FOR ALL CABINET AND COUNTER-TOP DETAILING (TYP.).
 3. PROVIDE PLYWOOD BLOCKING FOR SUPPORT OF CABINETS AND COMM. BOX AS REQUIRED.
- STAFF ROOM NOTES:**
1. CHAIR RAIL TO BE FIXED TO STUDS. FILL HOLES W/ WOOD FILLER.
 2. FOR BASE CABINET & CABINET DETAILS, REFER TO LCBO STANDARD DETAILS.
 3. THREE(3) CHAIRS, ONE(1) TABLE. REFER TO DWGS #F803.
 4. PROVIDE PLYWOOD BLOCKING FOR SUPPORT OF CABINETS AS REQUIRED.
- W/R NOTES:**
1. COORDINATE LOCATIONS OF WASHROOM ACCESSORIES WITH LCBO PROJECT COORDINATOR. (REFER TO SPECS FOR LIST OF ALL REQUIRED ACCESSORIES).
 2. PROVIDE PLYWOOD BLOCKING BEHIND WASHROOM FIXTURES AND ACCESSORIES AS REQUIRED.



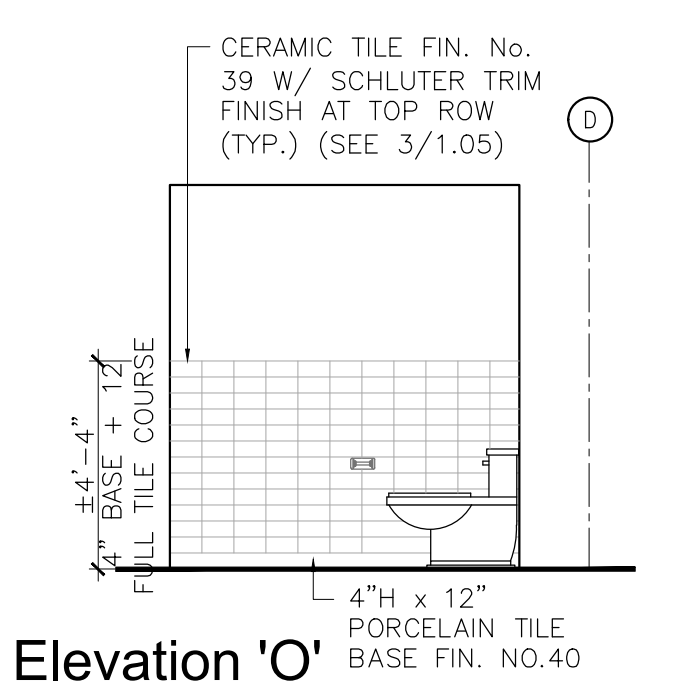
Detail - Wall Base



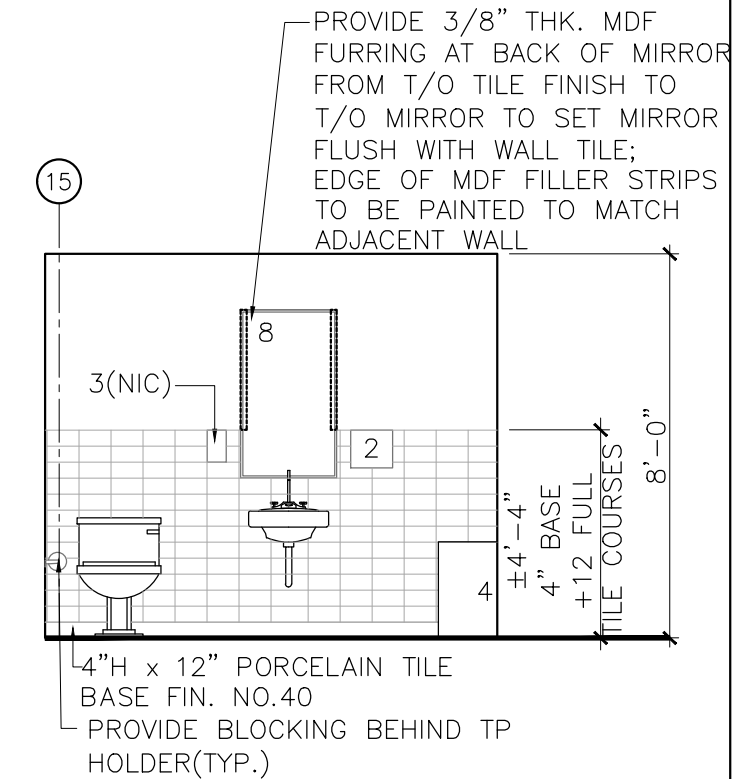
Plan Interior View: P

Plan & Details: Enlarged Janitor Room

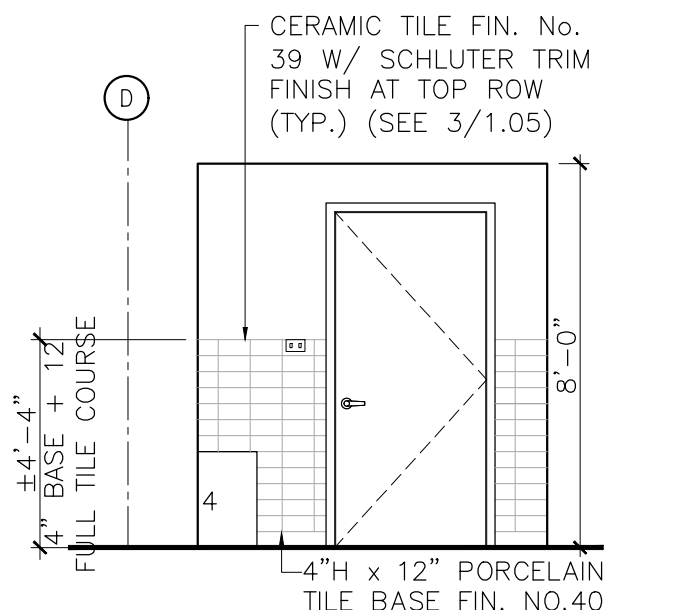
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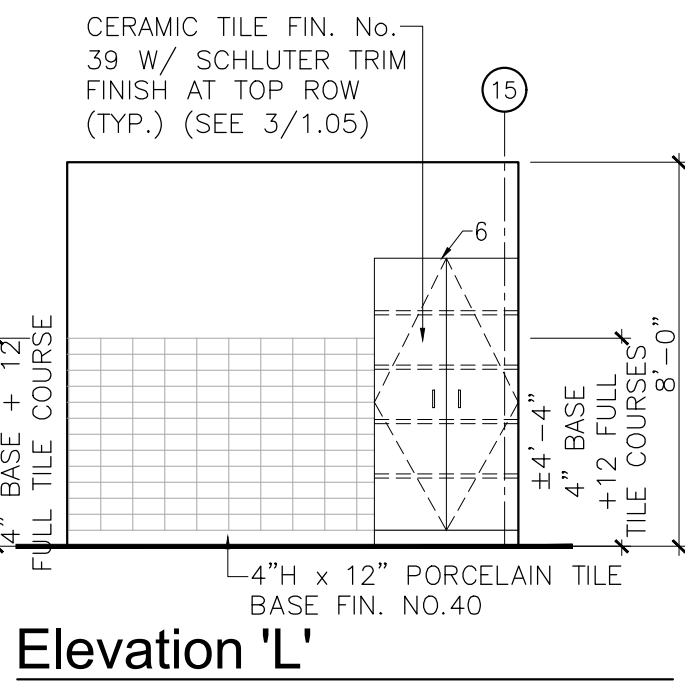
Elevation 'O'



Elevation 'N'



Elevation 'M'



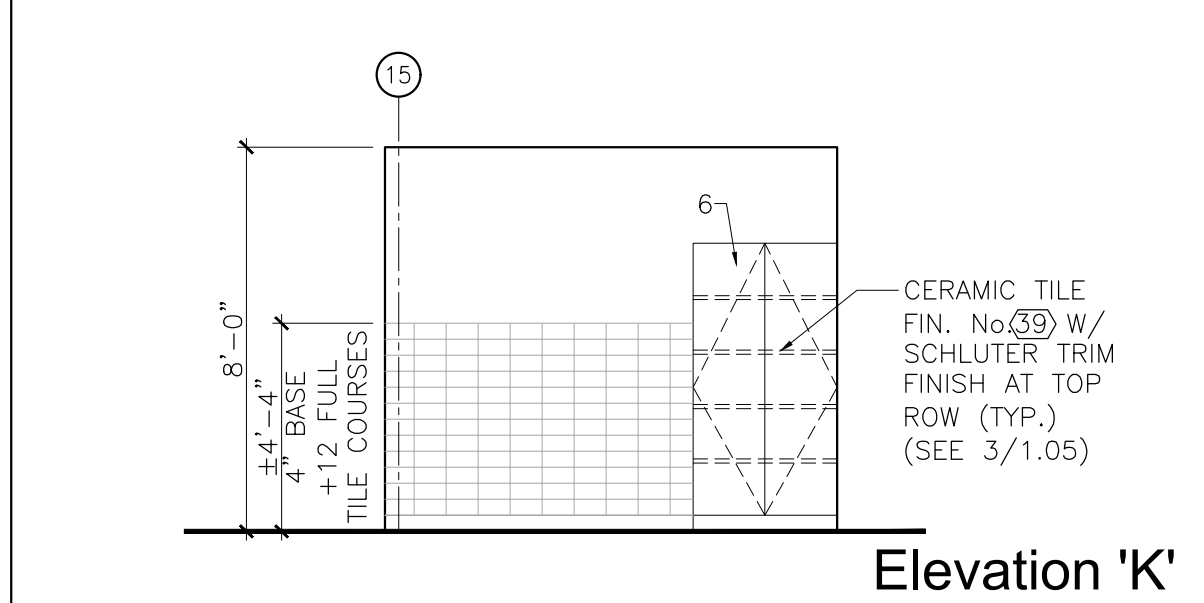
Elevation 'L'

Elevation: Unisex W/C 5 Scale: 1/4"=1'-0" A2.03

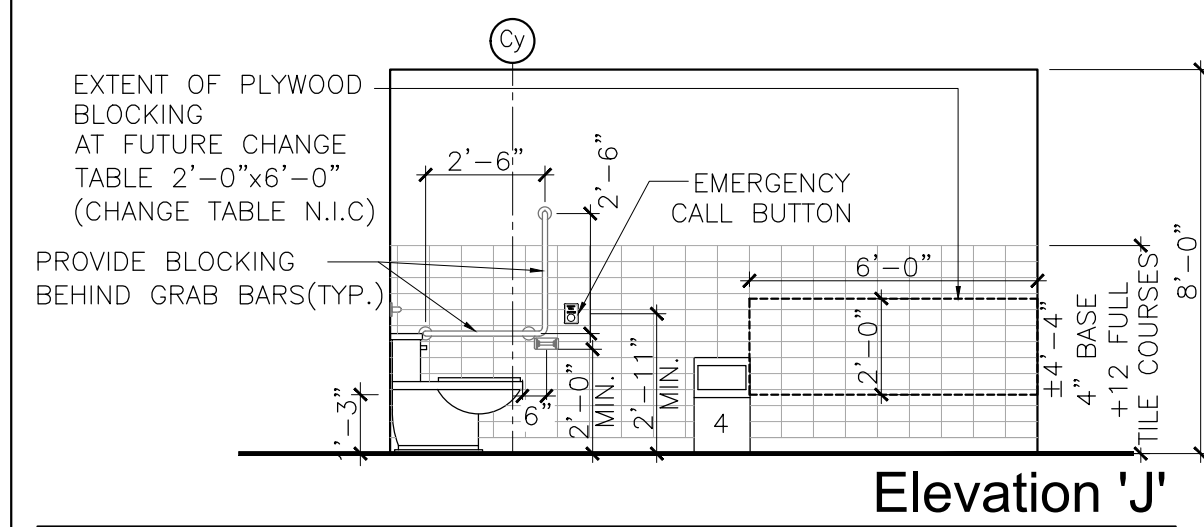
JANITOR ROOM ACCESSORY LEGEND:

1. HIGH-HUMIDITY FINISH ON ALL WALLS. (REFER TO SPEC'S)
2. 48" HT. S.S. SURROUND OVER THREE(3) SIDES OF SLOP SINK BY GC (SEE ELEVATION AND SPEC'S)
3. FLOOR SCRUBBER SUPPLIED BY GC; TASKI 755B THROUGH WOOD WYANT OR APPR. EQ.
4. ONE(1) 3-HOLDER AND ONE(1) 4-HOLDER BY GC (SEE SPEC'S)
5. S.S. SINK APRON, WALL CLIPS AND STRAINER BY GC (SEE SPEC'S)
6. METAL SHELVEING BY GC (SEE SPEC'S)

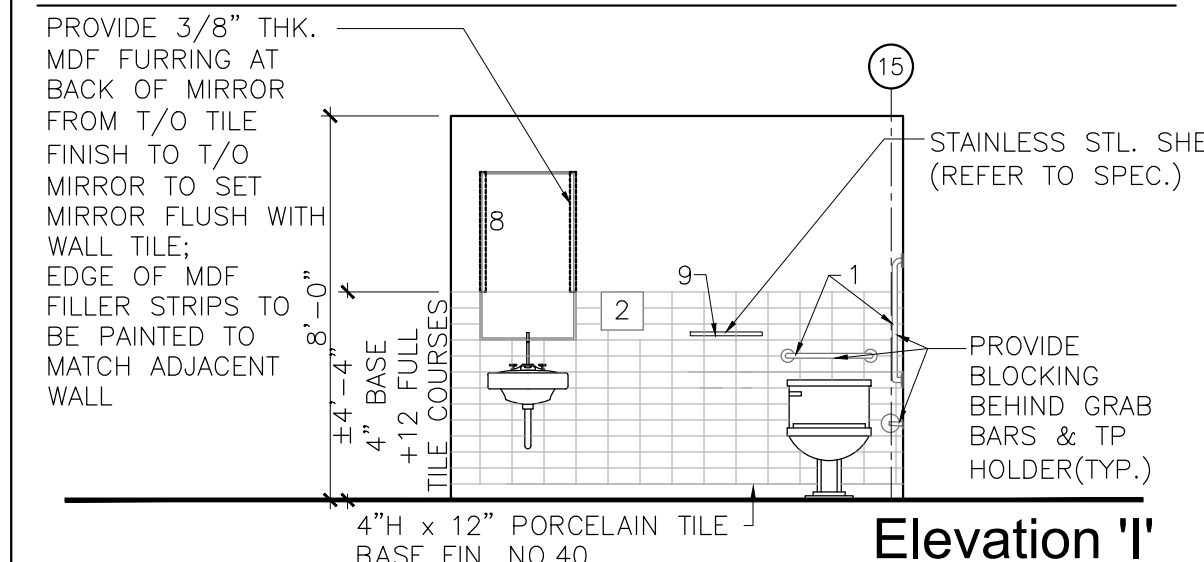
7. 8" HIGH PERFORATED S.S. STRAINER DAM
8. SEALANT AT ALL JOINTS, TYPICAL
9. S.S. DAM HOLDER CLIP, TYP.



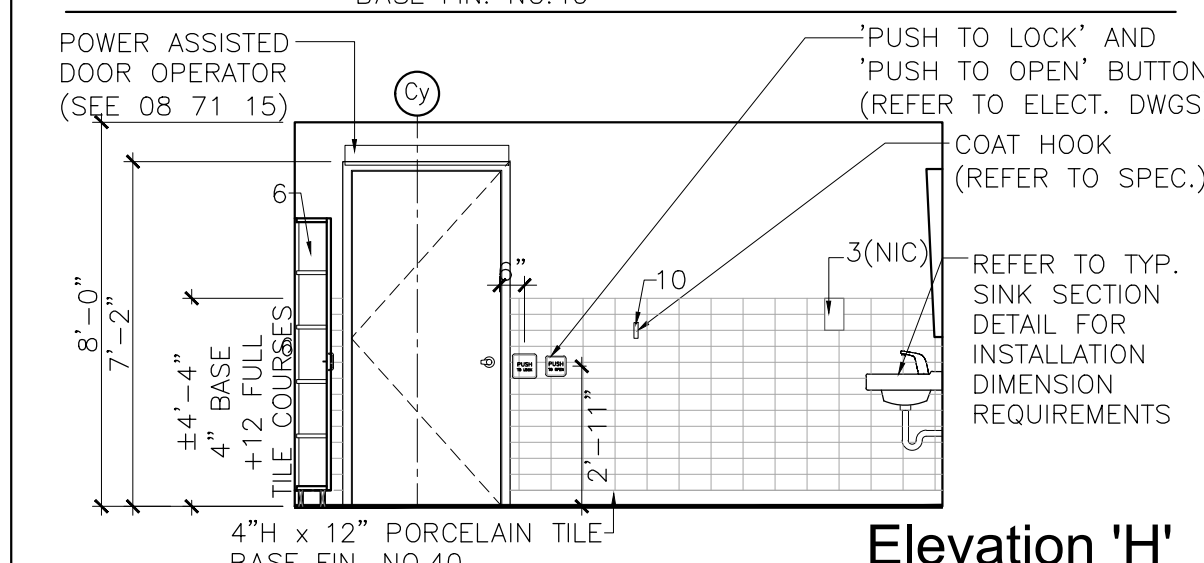
Elevation 'K'



Elevation 'J'



Elevation 'I'



Elevation 'H'

Universal Washroom Elevations

Scale: 1/4"=1'-0" A2.03

W/R ACCESSORY LEGEND:

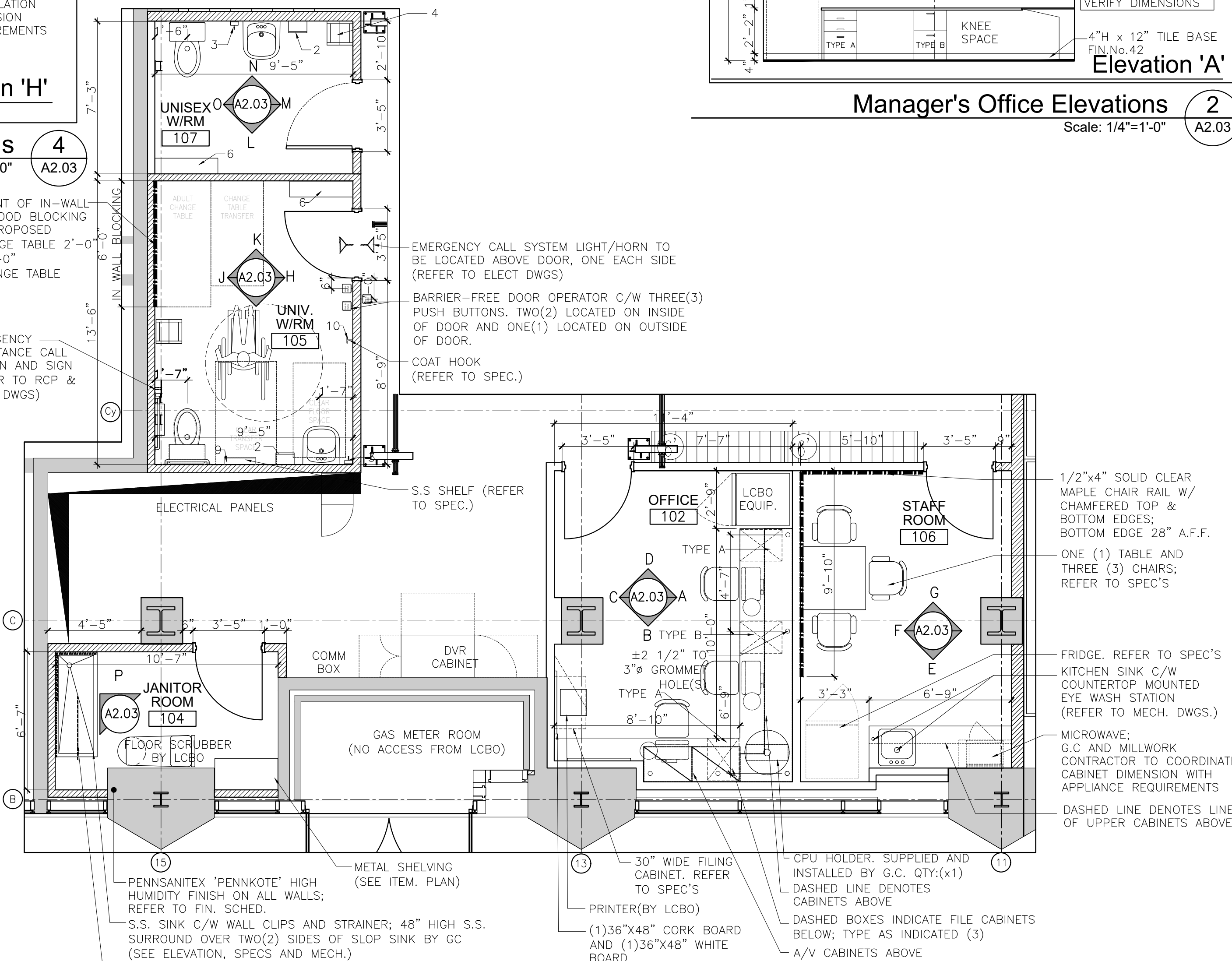
1. GRAB BAR
2. TOWEL DISPENSER
3. SOAP DISPENSER (N.I.C)
4. WASTE RECEPTACLE
5. TOILET TISSUE DISPENSER
6. STORAGE CABINET: DET'L F805
7. DEODORIZER FIXTURE (N.I.C)
8. 24"x42" TILT MIRROR
9. STAINLESS STEEL SHELF
10. COAT HOOK

JANITOR CLOSET ACCESSORY LEGEND:

9. HIGH-HUMIDITY FINISH ON ALL WALLS. (SEE SPECIFICATION SECTION 09 91 00)
10. 48" HIGH S.S. SURROUND OVER TWO(2) SIDES OF SLOP SINK BY GC (SEE ELEVATION AND SPECS)
11. S.S. FIVE MOP HOLDER BY GC (SEE SPECS)
12. S.S. SINK C/W APRON, WALL CLIPS AND TRAINER BY GC (SEE SPECS)
13. STAINLESS STL. SHELVEING (SEE ITEM PLAN & LEGEND)

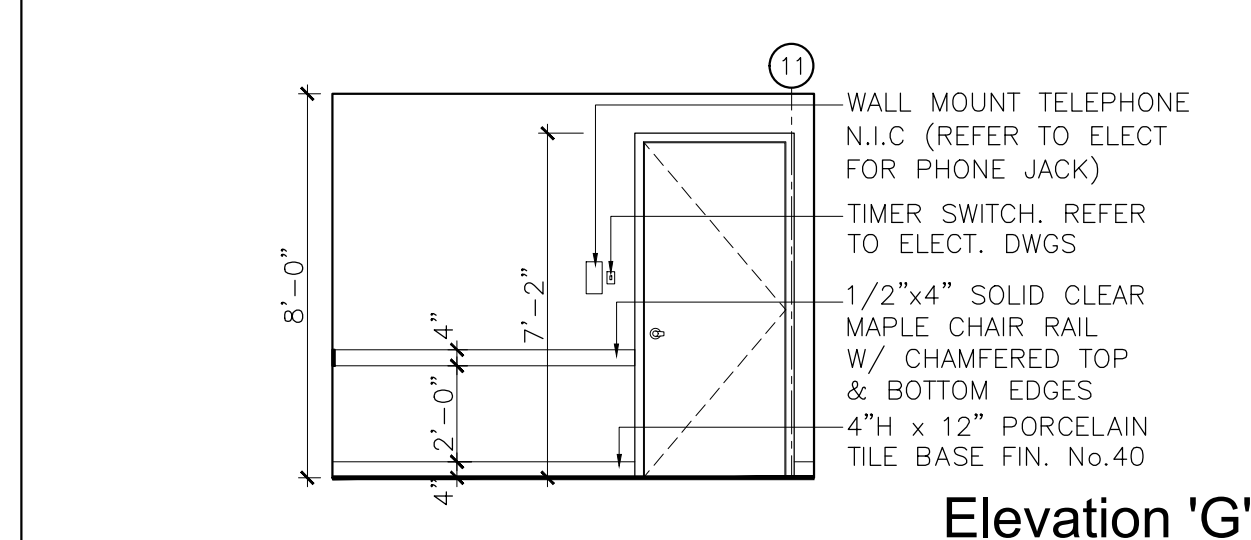
EXTENT OF IN-WALL PLYWOOD BLOCKING AT PROPOSED CHANGE TABLE 2'-0" x 6'-0" (CHANGE TABLE N.I.C)

EMERGENCY ASSISTANCE CALL BUTTON AND SIGN (REFER TO RCP & ELEC. DWGS)

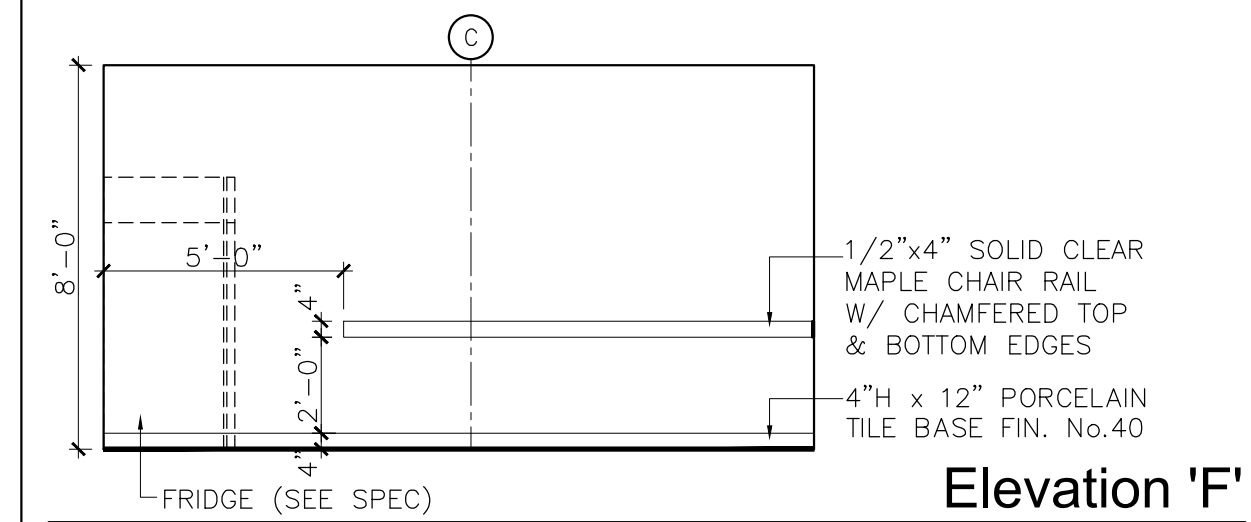


Service Areas - Plans / Sections / Elevations / Details

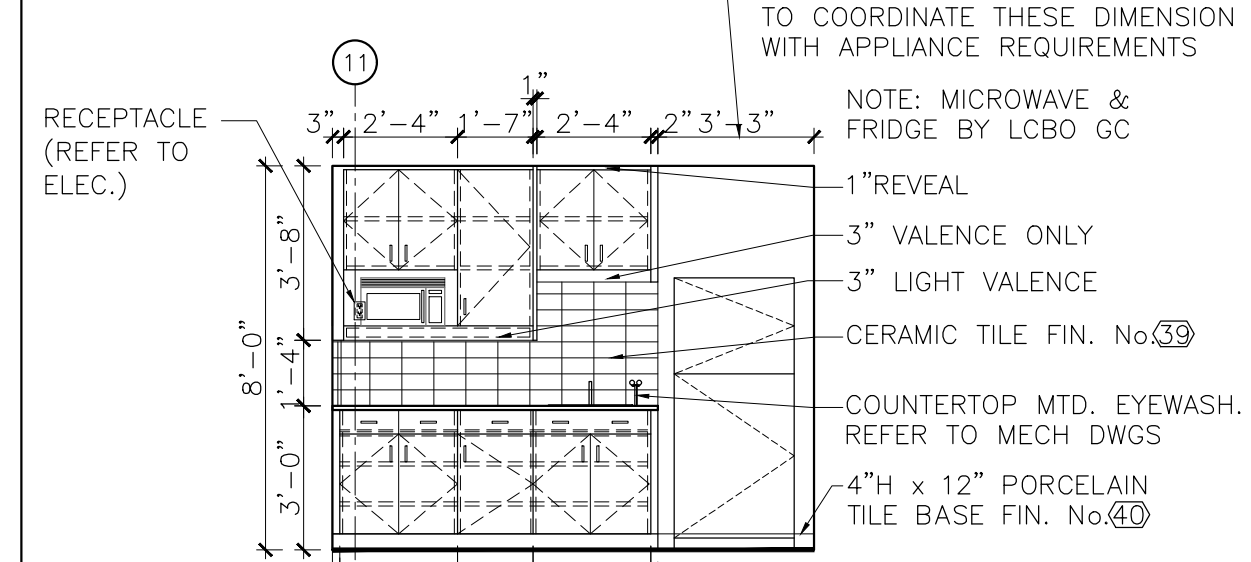
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Elevation 'G'



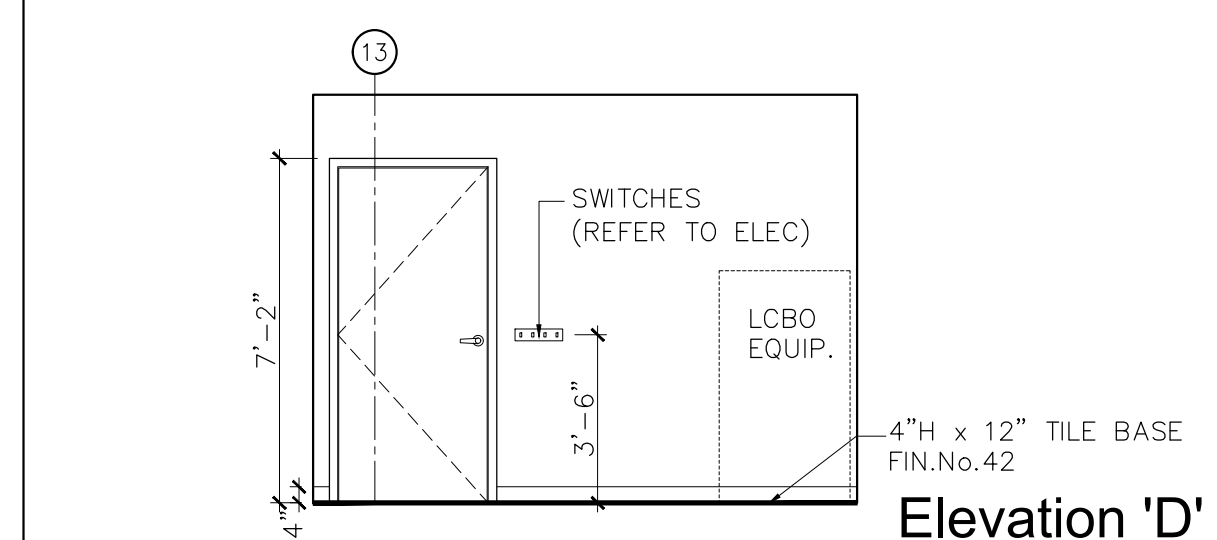
Elevation 'F'



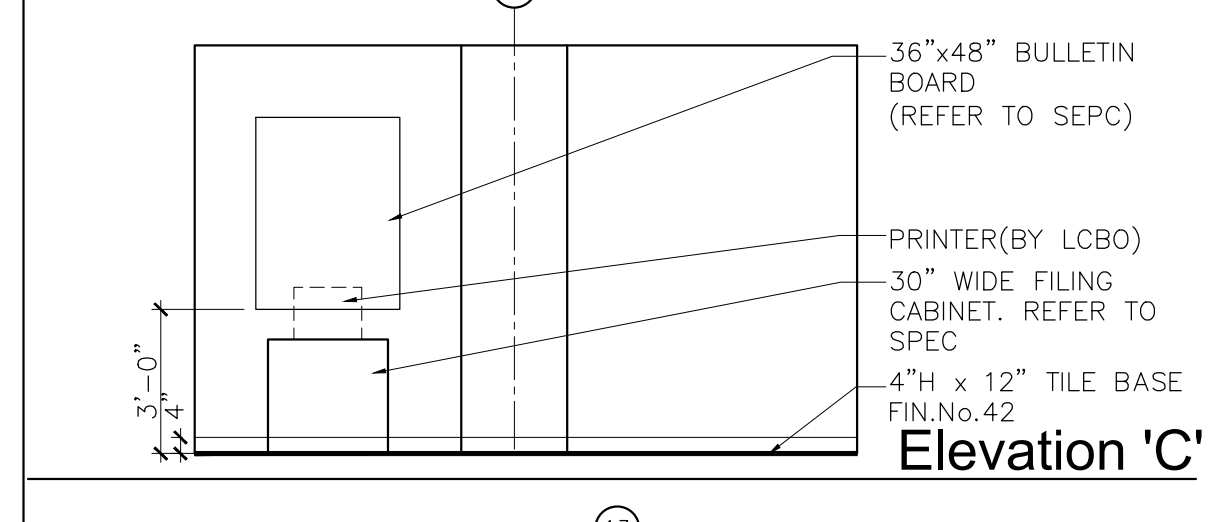
Elevation 'E'

Staff Room Elevations

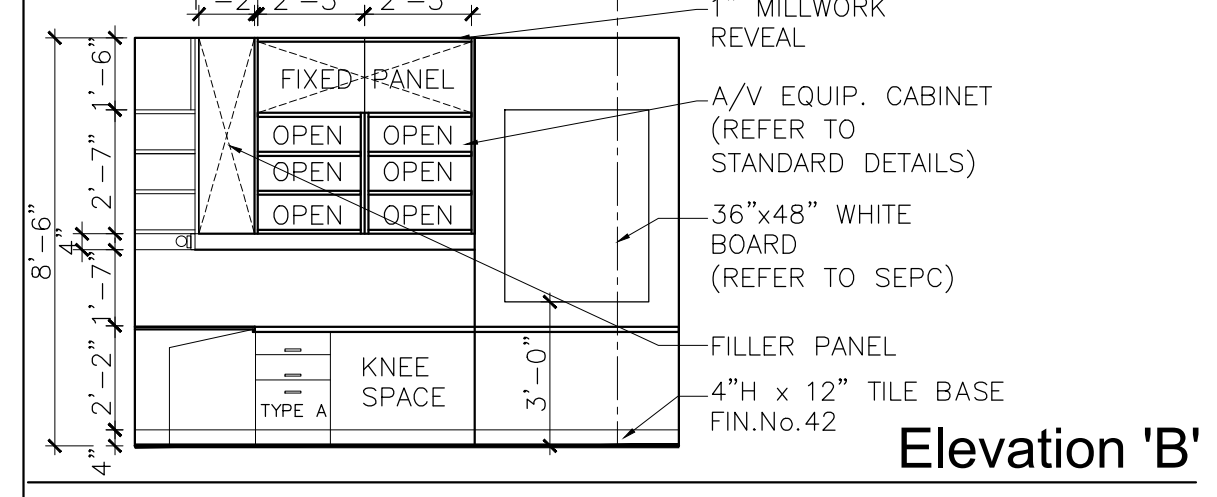
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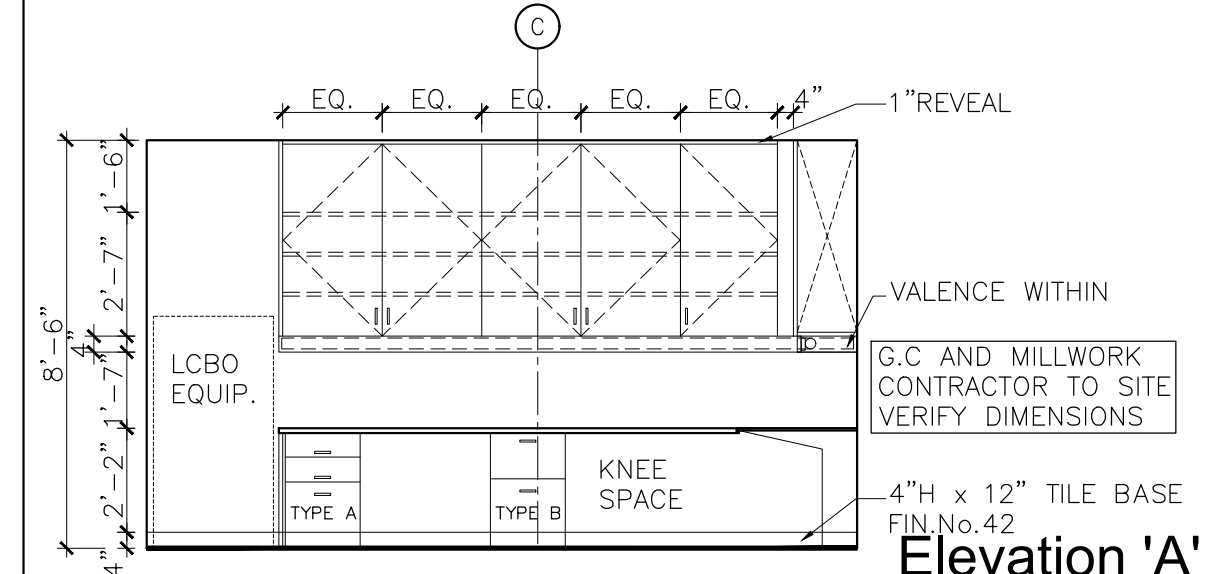
Elevation 'D'



Elevation 'C'



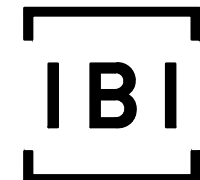
Elevation 'B'



Elevation 'A'

Manager's Office Elevations

Scale: 1/4"=1'-0" A2.03



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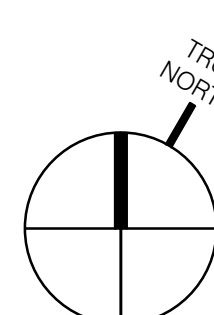
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Context Plan



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PROJECT N

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124671

Project No.:

Scale:

1/4"

Drawn by:

LG

Checked by:

VG

Project:

Service Areas:

Plans & Interior Elevations

Drawing Title:

A2.03

Sheet No.:



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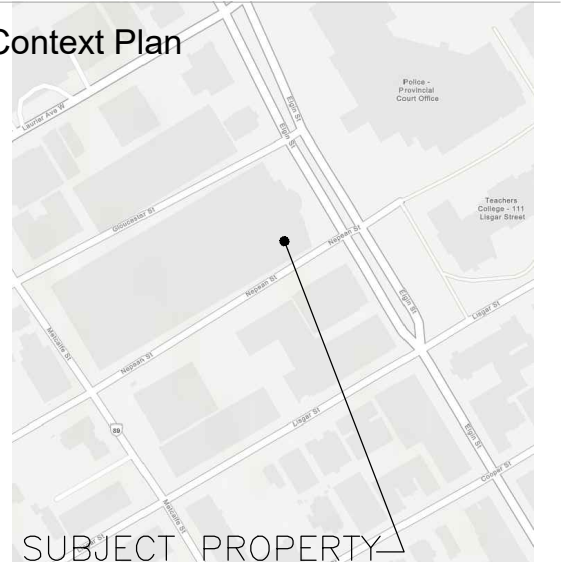
LCBO STORE #547
160 Elgin Street
Ottawa, ON

II BY IV Design Associates
77 Mowat Avenue, Suite 109
Toronto, Ontario
M6K 3E3

t.416 531 2224
w. www.iibyiv.com

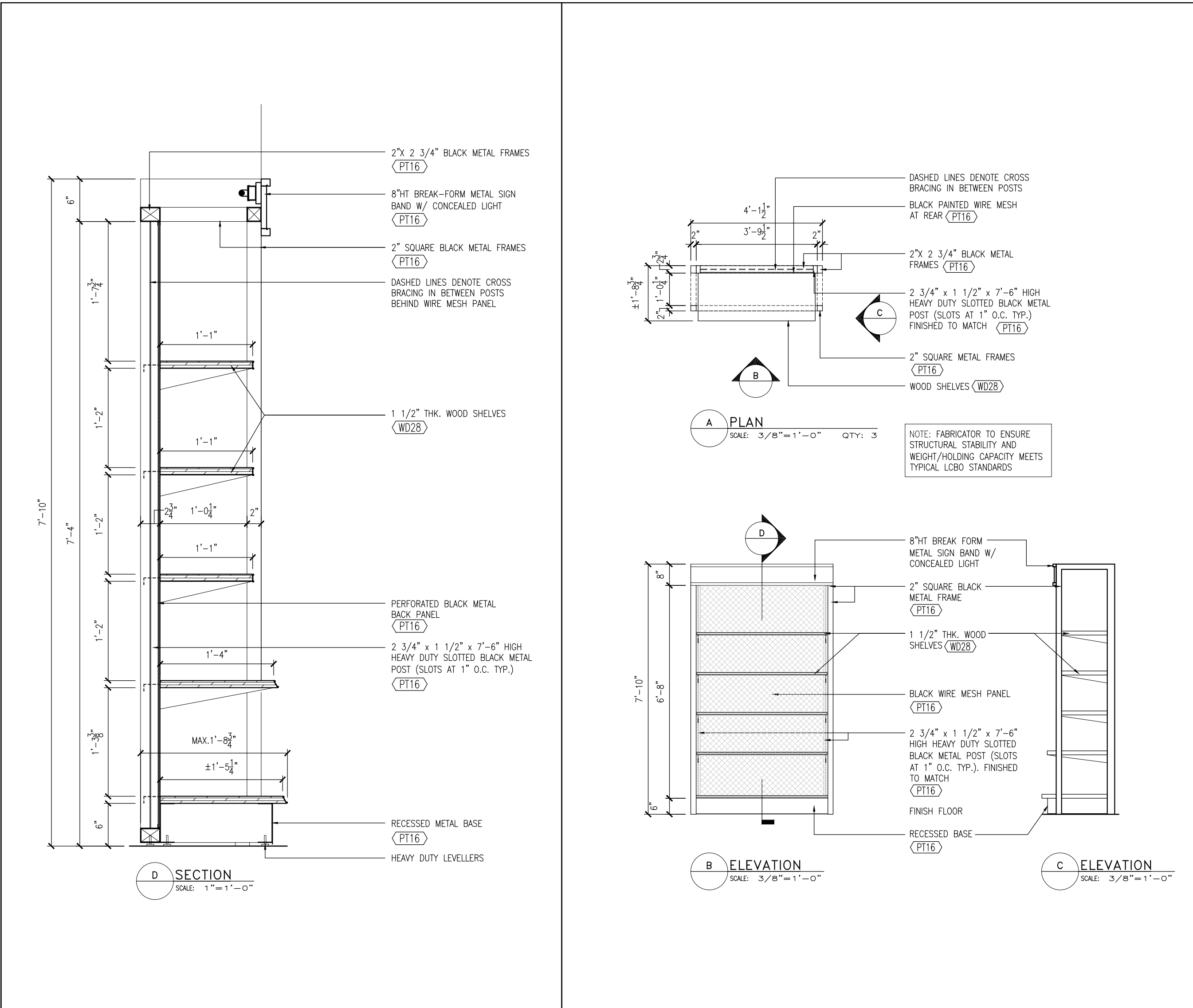


Context Plan



General Notes:

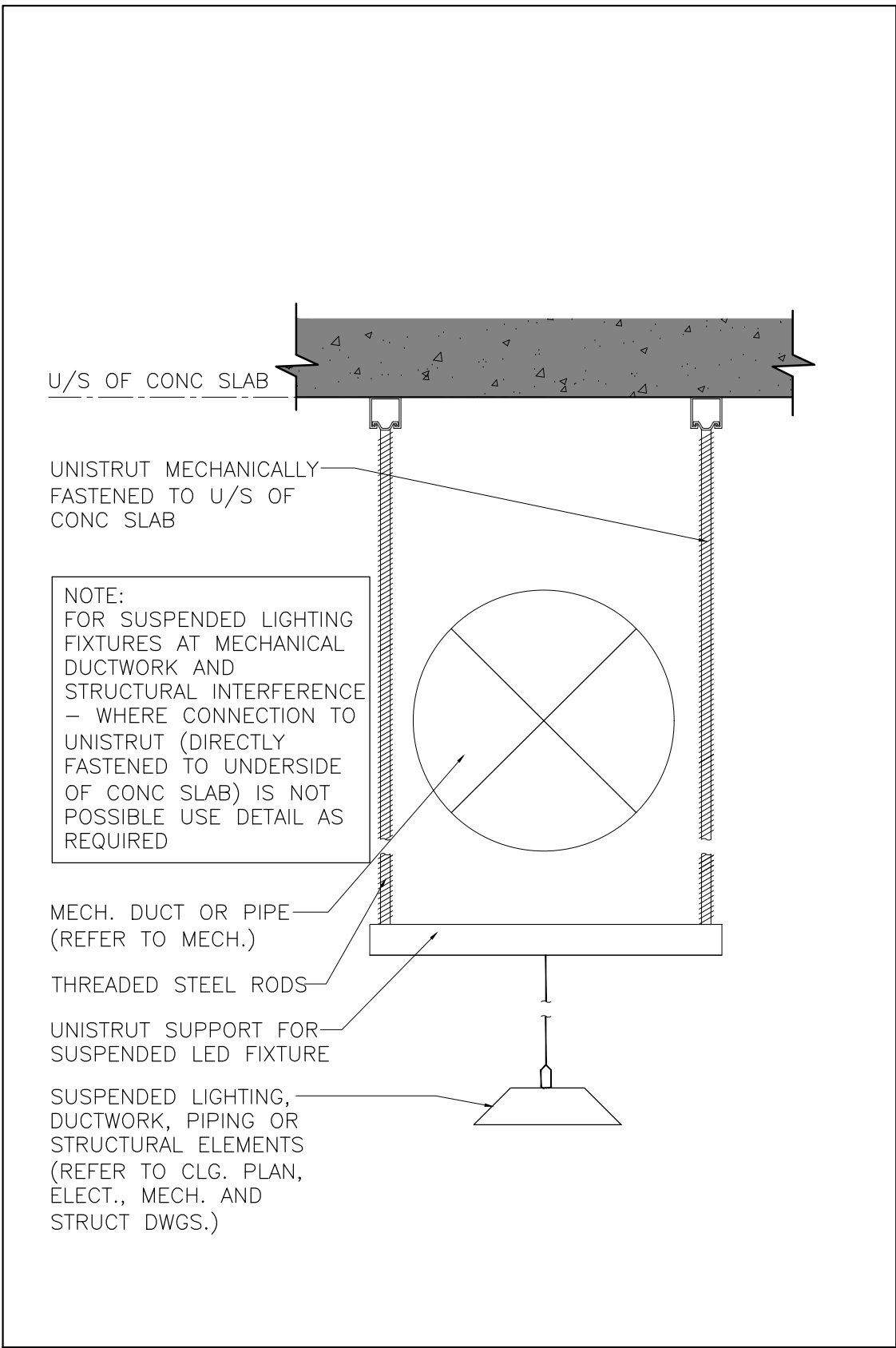
1. ALL DIMENSIONS IN IMPERIAL.
2. VERIFY ALL DIMENSIONS.
3. DO NOT SCALE DRAWINGS.
4. CHECK DRAWINGS AGAINST SPECIFICATIONS.
5. USE THE LATEST REVISED DRAWINGS ONLY.
6. REPORT ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SCHEDULES, DISCOVERED ERRORS, OR OMISSIONS, TO THE ARCHITECT AND LCBO DURING TENDER PERIOD AND BEFORE PROCEEDING WITH ANY WORK.
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Supplementary Wall Fixture - Plan / Elevations / Section

Scale: AS NOTED

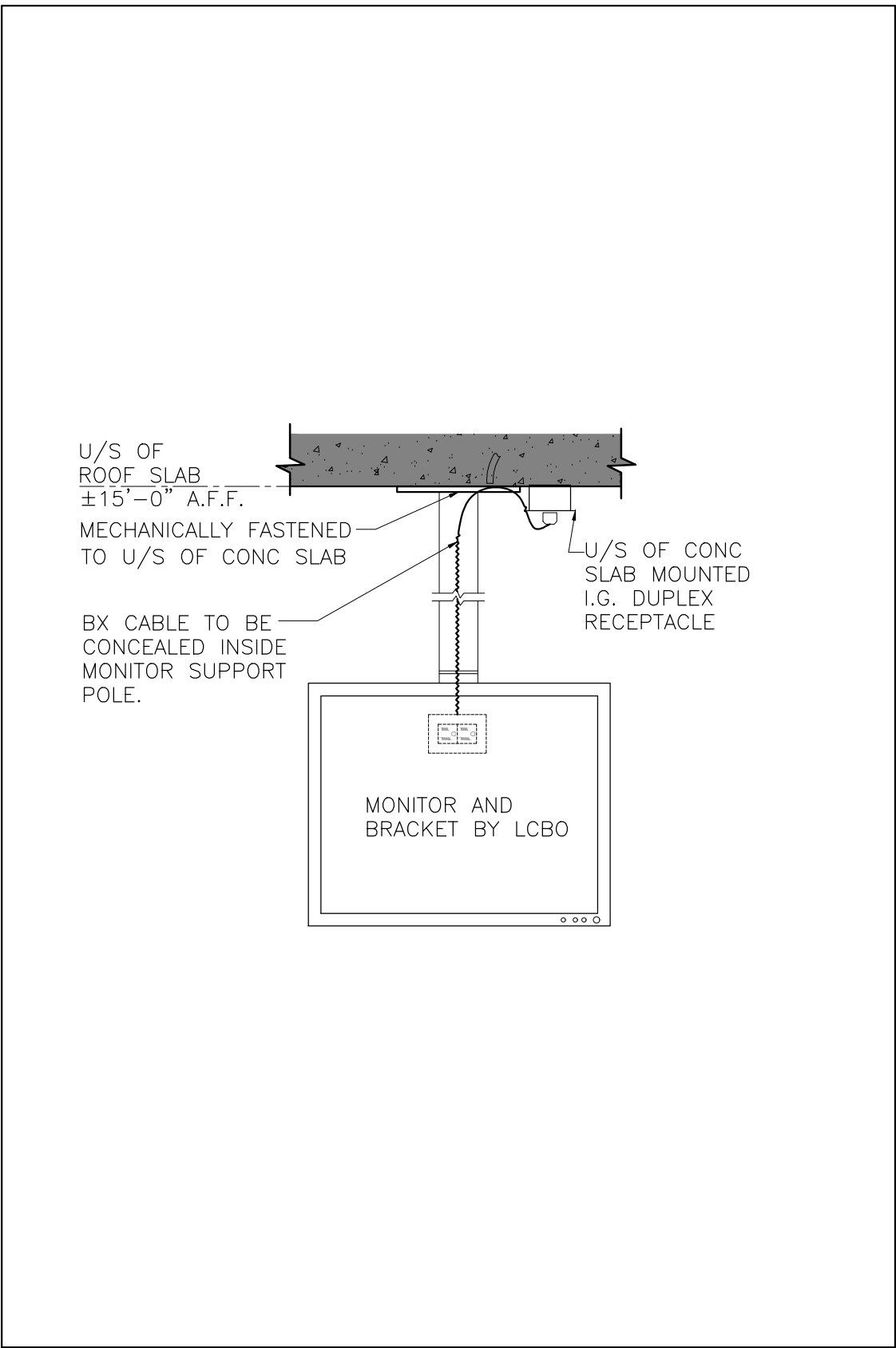
5
A3.00



Unistrut Support

Scale: 1 1/2"=1'-0"

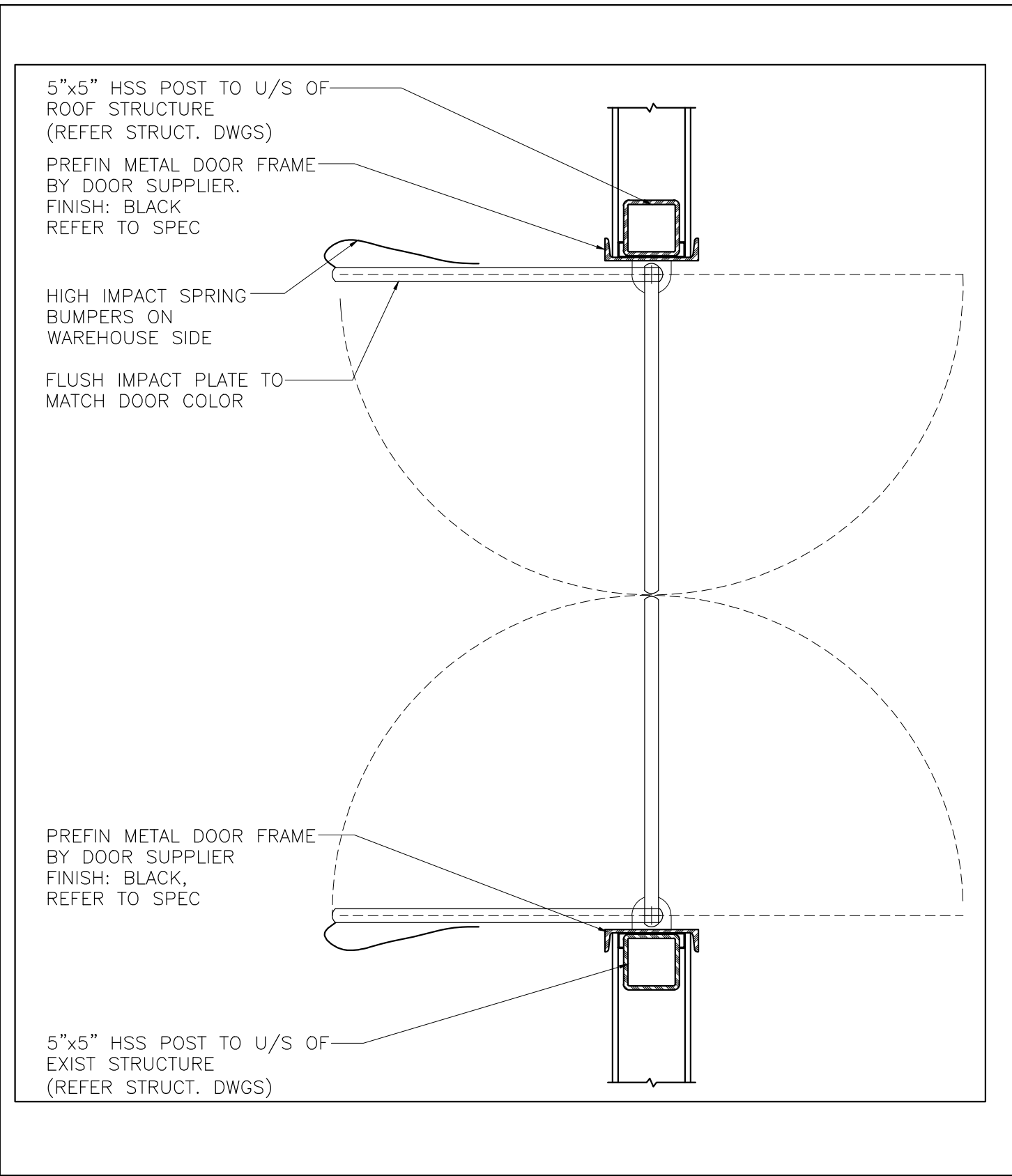
4
A3.00



Ceiling Mounted Bracket for Security Monitor

Scale: 1"=1'-0"

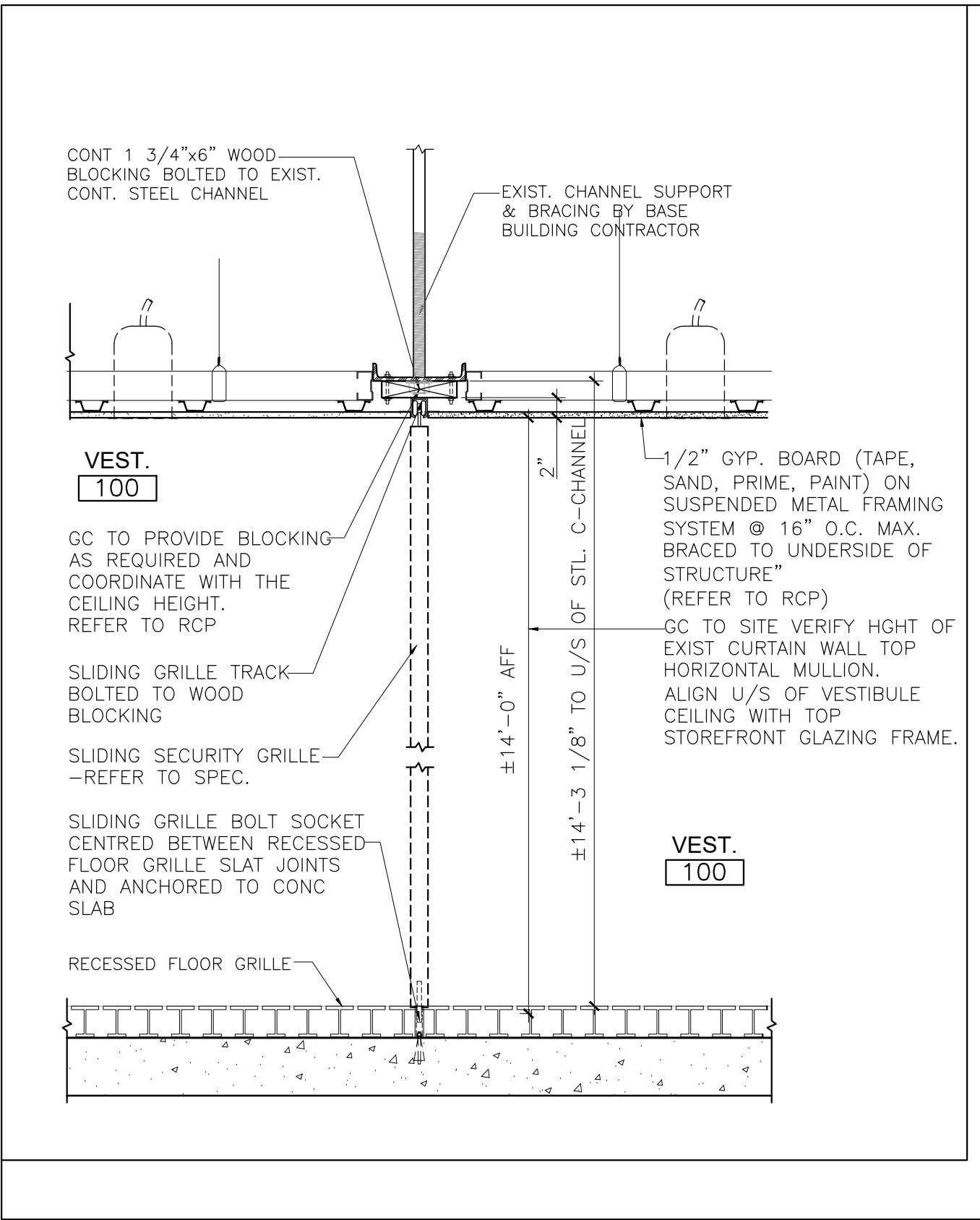
3
A3.00



Plan Detail: Warehouse Impact Door

Scale: 1"=1'-0"

2
A3.00



Security Sliding Grille - Section Detail

Scale: 1"=1'-0"

1
A3.00

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Rev.:	Date:	Description:	Initial



Issued for Permit & Tender

Issue Date:

September 10, 2020

Project No.:

124671

Scale:

AS NOTED

Drawn by:

LG

Checked by:

VG

Project:

Miscellaneous Details

Drawing Title:

Sheet No.:

A3.00

Sheet No.:

Sheet No.:

Sheet No.:

Sheet No.:

Sheet No.:

Sheet No.:

Sheet No.:

NOTE: SUPPLEMENTAL FINISHES SCHEDULE TO SUPERCEDE SAMPLE BOARDS

FINISHES SCHEDULE (1 OF 4)							
	NO.	MATERIAL	COLOUR	DESCRIPTION	SOURCE	COMMENTS	LOCATION
PLASTIC LAMINATE	PL01	PLASTIC LAMINATE	SMOKEY WHITE	NEVAMAR ARP SURFACE 'SMOKEY WHITE' TEXTURED #S7027T	McFADDEN'S 2164 BUCKINGHAM ROAD, OAKVILLE, ON. L6H 6M7 CONTACT: LUCIA NIU TEL.: 416-674-3333		KITCHEN/DEMO, STAFF LUNCHROOM, WASHROOMS, LEARNING CENTRE & MANAGER'S OFFICE UPPER CABINET
	PL02	PLASTIC LAMINATE	DARK GREY	WILSONART 'SLATE GREY' #D91-60 FINISH: MATTE	WILSONART CANADA 380 COURTNEYPARK DR. E, UNIT A MISSISSAUGA, ON L5T 2S4 CONTACT: KATE HUETHER TEL: 519-274-9653		STANDARD FIXTURE GENERAL AREAS, CASH/ CHECK-OUT, AND MILLWORK FIXTURE KICK BASES WHERE APPLICABLE
	PL03	PLASTIC LAMINATE	LIGHT GREY	FORMICA 'GREY STONE' #464-58	FORMICA CANADA INC. CONTACT: MARIA BANNON-TURVEY TEL: 416-592-0664		FIXTURE DETAILING
	PL04	PLASTIC LAMINATE	BLACK	WILSONART 'BLACK' #1595-60 FINISH: MATTE	WILSONART CANADA 380 COURTNEYPARK DR. E, UNIT A MISSISSAUGA, ON L5T 2S4 CONTACT: KATE HUETHER TEL: 519-274-9653		MILLWORK BASES, FIXTURE DETAILING AND TYPICAL WAINSCOTTING AT OFFICE, CASH/CHECK-OUT & VESTIBULE
	PL05	PLASTIC LAMINATE	WHITE OAK FINISH	WILSONART 'NEW AGE OAK' #7983-38 FINISH: FINE VELVET FINISH	WILSONART CANADA 380 COURTNEYPARK DR. E, UNIT A MISSISSAUGA, ON L5T 2S4 CONTACT: KATE HUETHER TEL: 519-274-9653		GENERAL RETAIL FIXTURE & FASCIA DETAILING
	PT06	PLASTIC LAMINATE	SPECKLE GREY	COLOUR: #P-344RM 'INUUKSHUK GREY' FINISH: MATTE	ARBORITE 111 RACE STREET, PARIS, ON. N3L 3G9 TEL: 647-206-2553 CONTACT: LESLEY HEYS		STAFF KITCHEN COUNTER, LEARNING CENTRE COUNTER & MANAGER'S OFFICE COUNTER
	PL07- PL12	RESERVED					
	NO.	MATERIAL	COLOUR	DESCRIPTION	SOURCE	COMMENTS	LOCATION
PAINT FINISHES	PT13	PAINT	WHITE	POLYESTER WHITE #QC 28317	NEELAND'S GROUP LIMITED 4131 PALLADIUM WAY, BURLINGTON CONTACT: SCOTT CORBETT TEL: 905-322-4555 ; 416-798-9705		WALK-IN COLDROOM PREFABRICATED WALL & CEILING FINISHES
	PT14	PAINT	WHITE	PRODUCT: BENJAMIN MOORE ACRYLIC INT. LATEX COLOUR: #OC-118 'SNOWFALL WHITE' FINISH: FLAT	BENJAMIN MOORE CO. LTD. 7070 MISSISSAUGA ROAD, SUITE 100, MISSISSAUGA, ON. L5N 7G2 TEL: 905-813-3700	LEED INITIATIVE	GENERAL RETAIL DRYWALL CEILING & UNDERSIDE OF DRYWALL BULKHEADS, UNDERSIDE OF ROOF DECK. ALL MECHANICAL DUCTWORK, ALL ELECTRICAL CONDUIT, ALL PLUMBING, ALL BASE BLDG. SERVICES, UNISTRUT & THREADED RODS ETC., LUNCHROOM, LEARNING CENTRE, WASHROOM WALLS & MANAGER'S OFFICE (EGGSHELL FINISH), WAREHOUSE (SEMI-GLOSS FINISH)
	PT14A	ELASTOMERIC ANTI-MICROBIAL COATING	WHITE	TO MATCH PAINT FINISH #14	PENKOTE LIMITED 516 FINLEY AVE. AJAX, ON. L1S 2E3 TEL: 905-683-6447	SUBMIT SAMPLE FOR APPROVAL	JANITOR ROOM WALLS & CEILING
	PT15	PAINT	LIGHT GREY	VIC STORE FIXTURES COLOUR #P88	VIC STORE FIXTURE INC. 1-888-758-0626		WALK-IN COLDROOM FLOOR GONDOLA BACK PANEL
	PT16	POWDER-COAT PAINT	FLAT BLACK	PRODUCT ID# BS642N4 FINISH: SMOOTH MATTE	PROTECH POWDERCOATING SALES@POROTECHPOWDER.COM	SUBMIT SAMPLE FOR APPROVAL	TYPICAL PERIMETER SHELIVING, GONDOLA & BCR FIXTURES, SHELF COMPONENTS (BRACKETS, POSTS, ETC) EXCEPT METAL SHELVES ON ALL FLAT SHELF SURFACES
	PT16A	POWDER-COAT	GLOSS BLACK	PRODUCT: PROTECH ZT311N21 SUPER DURABLE FINISH: FLAG BLACK	PROTECH POWDERCOATING SALES@PROTECHPOWDER.COM	SUBMIT SAMPLE FOR APPROVAL	ON ALL FLAT SHELF SURFACES
	PT17	PAINT	DARK GREY	COLOUR: #SW 7026 'GRIFFIN' FINISH: SATIN	SHERWIN WILLIAMS CONTACT: DEAN GIVELAS C: (416)-432-6975 T: (905)-507-0166 EX 110	LEED INIATIVE	TYPICAL PERIMETER & GONDOLA METAL SHELIVING UNIT KICK BASES AND REFRIGERATED GONDOLA KICK BASE
	PT18	RESERVED					
	PT19	PAINT	MEDIUM GREY	COLOUR: SW 7669 'SUMMIT GREY' FINISH: EGGSHELL	SHERWIN WILLIAMS CONTACT: DEAN GIVELAS C: (416)-432-6975 T: (905)-507-0166 EX 110		BCR WALL - EGGSHELL FINISH

FINISHES SCHEDULE (2 OF 4)							
	NO.	MATERIAL	COLOUR	DESCRIPTION	SOURCE	COMMENTS	LOCATION
PAINT FINISHES	PT20	PAINT	LIGHT GREY	PRODUCT: BENJAMIN MOORE # K626 ACRYLIC INT LATEX COLOUR: OC-24 'WINDS BREATH' FINISH: EGGSHELL	BENJAMIN MOORE CO. LTD. 7070 MISSISSAUGA ROAD, STE 100 CONTACT: GLORIA RINALDI T: 905-761-4819 C: 416-428-66461	SUBMIT SAMPLE FOR APPROVAL	GENERAL RETAIL AREA WALLS & BULKHEADS
	PT21	ELASTOMERIC ANTIMICROBIAL COATING	LIGHT GREY	TO MATCH PAINT FINISH NO. PT20	PENNOTE LIMITED 516 FINLEY AVE., AJAX, ON L1S 2E3 TEL: 905-683-6447	SUBMIT SAMPLE FOR APPROVAL	VESTIBULE WALLS/DOOR TO SLIDING GRILLE ENCLOSURE, VESTIBULE COAT STORAGE IN PEARL FINISH
	PT22- PT23	RESERVED					
	PT24	POWDERCOAT PAINT	MEDIUM GREY	COLOUR/RAL: IRON GLIMMER P3 PRODUCT ID: 49/70200 TYPE: POLYESTER FINISH: METALLIC	TIGER DRYLAC CANADA INC. 110 SOUTHGATE DRIVE, GUELPH, ONTARIO, N1G4P5 TEL: 519-766-4781	SUBMIT SAMPLE FOR APPROVAL	FIXTURE DETAILING AND WALK-IN COLDROOM METAL SHELIVING
	PT25	PAINT	BLACK	PRODUCT: BENJAMIN MOORE ACRYLIC INT. LATEX COLOUR#: 2133-10 COLOUR: "ONYX" FINISH: SATIN	BENJAMIN MOORE CO. LTD. 7070 MISSISSAUGA ROAD, SUITE 100, MISSISSAUGA, ON. L5N 7G2 TEL: 905-813-3700		FEATURE WALLS ON BCR/BEER ALCOVE
	PT26	PAINT	DARK BEIGE	COLOUR: #HC-34 'WILMINGTON TAN' FINISH: ALKYD, LOW LUSTRE	BENJAMIN MOORE CO. LTD. 7070 MISSISSAUGA ROAD, SUITE 100 MISSISSAUGA, ON. L5N 7G2 TEL: 905-813-3700	SUBMIT SAMPLE FOR APPROVAL	WAREHOUSE MAN DOOR (EXTERIOR SIDES ONLY) USED W/ BRICK & DRYVIT EXTERIOR
	PT27	PAINT	GREY	COLOUR: #1552 'RIVER REFLECTIONS' FINISH: ALKYD, LOW LUSTRE	BENJAMIN MOORE CO. LTD. 7070 MISSISSAUGA ROAD, SUITE 100 MISSISSAUGA, ON. L5N 7G2 CONTACT: GLORIA RINALDI TEL: 905-813-3700	SUBMIT SAMPLE FOR APPROVAL	MEZZANINE STAIRS, WAREHOUSE DOOR FRAMES, LUNCHROOM, WASHROOMS AND JANITOR ROOM DOOR AND FRAMES
	NO.	MATERIAL	COLOUR	DESCRIPTION	SOURCE	COMMENTS	LOCATION
PAINT FINISHES	WD28	WOOD VENEER	WHITE OAK	NATURAL QUARTER CUT OAK VENEER WITH POLYURETHANE MATTER FINISH, AG LIGHT OAK QUARTERED, COLOUR: MEDIUM, PART #50.60	BROOKSIDE VENEERS LTD. CONTACT: RICH H. RICHH@BROOKSIDEVENEERS.COM	SUBMIT SAMPLE FOR APPROVAL; VENEER PRODUCT IS LAMINATED TO PHENOLIC BACKER 1MM THICK, COMES IN 4'X10' SHEET	WOOD FEATURE WALL, VINTAGES RUNWAY METAL I-BEAM, VINTAGES WOOD CRATE, VINTAGES RISER BACK PANEL AT FEATURE WALL PERIM. SHELIVING
	WD29	SOLID WOOD	WHITE OAK	RIFT CUT WHITE OAK AND COORDINATING VENEER W/ NON-YELLOWING STAIN SEALER	MILLWORK CONTRACTOR TO SUPPLY AND INSTALL	SAMPLE ON BOARD FOR REFERENCE ONLY. MATCH TO CONTROL SAMPLE SUPPLIER BY LCBO. SUBMIT SAMPLE FOR APPROVAL TO LCBO.	WOODWORK TRIM GENERAL RETAIL AREA FIXTURES
	NO.	MATERIAL	COLOUR	DESCRIPTION	SOURCE	COMMENTS	LOCATION
CEILING FINISHES	CT33	CEILING	WHITE	SUSPENDED T-BAR CEILING BY AQUAROCK #1182-CRF-1 COLOUR: WHITE SIZE: 24"x24" SQUARE EDGE LAY-IN WITH WHITE #830 ALL ALUMINUM 15/16" EXPOSED T-BAR GRID SYSTEM BY CHICAGO METALLIC	DISTRIBUTOR: CERTAIN TEED CEILING CONTACT: NANCY MCPHERSON TEL: 905-823-9881 MOBILE: 647-825-6238 EMAIL: nancy.mcperson@saint-gobain.com	PROVIDE 4" HIGH 'INFINITY' PERIMETER METAL TRIM ALONG PERIMETER OF T-BAR CEILING, 'ENGINEERED (STRAIGHT EDGE) SERIES' BY CHICAGO METALLIC C/W REQUIRED CORNER KLIPS, SPLICE PLATES, GRID CLIPS, ETC. AS REQUIRED. DISTRIBUTOR: ARRILIN ACOUSTICS CONTACT: MARK NEWMAN OR BRIAN SPURR TEL: 416-798-9200	WALK-IN COLDROOM
	CT34	RESERVED					
	CT35	RESERVED					
	CT36	CEILING TILE	WHITE	CGC INC. 'RADAR' #2110 SQUARE EDGE SIZE: 24" X 24" X 5/8" COLOUR: WHITE	CGC INC. 350 BURNHAMTHORPE ROAD WEST 5th FLOOR MISSISSAUGA, ON. L5B 3J1 TEL: 905-803-5600	FOR FIRE RATED CEILING USE CGC 'RADAR' #2115 24" X 24" X 5/8"	SERVICE AREA & MANAGER'S OFFICE
		T-BAR	WHITE	CGC INC. DONN DX 15/16" EXPOSED FACE T-BAR GRID COLOUR: WHITE		FOR FIRE RATED CEILING USE CGC DONN DXL 15/16" T-BAR GRID	
	CT37	RESERVED					
	CT38	CEILING TILE	WHITE	ARMSTRONG MESA FINE TEXTURE BEVELLED REGULAR-#682 COLOUR: WHITE SIZE: 24" X 24" X 3/4"	ARMSTRONG WORLD INDUSTRIES CANADA 111 DAVIS DRIVE #1-254 NEW MARKET, ON. L3Y 9E5 CONTACT: SARAH WITHEY TEL: 416-525-0003		GENERAL RETAIL AREA SPECIFIC TO LCBO STORE #486, #528, #164, #500
		T-BAR	WHITE	ARMSTRONG SUPRAFINE XL 9/16" EXPOSED TEE SYSTEM COLOUR: WHITE			

NOTE: THE FINISH SCHEDULE IS A STANDARD DOCUMENT. NOT ALL LISTED FINISHES APPLY TO THIS SPECIFIC PROJECT.
CONTRACTOR SHALL REFER TO ALL OTHER SUPPORTING DRAWINGS & SPECIFICATIONS.



IBI GROUP
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77 Mowat Avenue, Suite 109
Toronto, Ontario
M6K 3E3

t.416 531 2224
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Context Plan



General Notes:

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Rev.:	Date:	Description:	Initial



Issued for Permit & Tender

Issue Date:

September 10, 2020

Issue Date:

124671

Project No.:

N.T.S.

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NOTE: SUPPLEMENTAL FINISHES SCHEDULE TO SUPERCEDE SAMPLE BOARDS

FINISHES SCHEDULE (3 OF 4)							
	NO.	MATERIAL	COLOUR	DESCRIPTION	SOURCE	COMMENTS	LOCATION
TILE FINISHES	FL39	CERAMIC TILE	WHITE	COLOUR & DIMENSIONS COLLECTION COLOUR: 'ARCTIC WHITE MATTE' SIZE: 4.25" x 8.5" CODE: #OT.CD.ARW.0408MT (INSTALLED IN STACK BOND PATTERN)	OLYMPIA TILE INTERNATIONAL INC. 1000 LAWRENCE AVE. W. TORONTO, ON. M6B 4A8 CONTACT: PEONY SEIO TEL: 416.785.9555 EXT. 254 CELL: 416.819.9835 EMAIL: PEONY@OLYMPIATILE.COM	GROUT BY FLEXITILE #510 'BRIGHT WHITE' UNSANDED 1/8" MAX. THICKNESS	WASHROOM WALL TILE – FINISH HEIGHT OF #39 TO BE FROM 4" AFF. TO TOTAL OVERALL HEIGHT OF 42.25" AFF. (I.E. 9 FULL TILE) ALSO STAFF LUNCHROOM BACK SPLASH
	FL40	PORCELAIN TILE	DARK GREY	REGAL COLOUR: DARK GREY MATTE SIZE: 12" x 12" CODE: #NY.RG.DGR.1212.MT FINISH: MATTE		GROUT BY FLEXITILE #663 'NORTH SEA GREY' (SANDED) 1/8" MAX. THICKNESS	WASHROOM, STAFF LUNCHROOM & LEARNING CENTRE (FLOOR TILE & WALL BASE). WALL BASE SIZE: 4"HT x 12" LONG
	FL41	VINYL BASE	GREY	VINYL WALL BASE COLOUR: #121 CEMENT	JOHNSONITE TEL: 905-886-8081		WAREHOUSE & RETAIL AREA (WHERE APPLICABLE)
	FL42	PORCELAIN TILE	GREY	LAB 21 MATTE 12" x 24" PORCELAIN TILE BASE 4" HT X 12" LONG COLOUR: 'FOG' (SILVER GREY) FINISH: MATTE CODE: #KM.LB.FOG.1224.MT TILE ORIENTATION: 30/70 INFINITY PATTERN OR SOHO COLLECTION BY MARAZZI 12" x 24" PORCELAIN TILE BASE: 4"HT x 12" LONG COLOUR: 'SOHO GREY RETT' FINISH: MATTE TILE ORIENTATION: 30/70 INFINITY	OLYMPIA TILE INTERNATIONAL INC. 1000 LAWRENCE AVE. W. TORONTO, ON. M6B 4A8 CONTACT: PEONY SEIO TEL: 416.785.9555 EXT. 254 CELL: 416.819.9835 EMAIL: PEONY@OLYMPIATILE.COM	GROUT BY FLEXITILE #663 'NORTH SEA GREY' (SANDED) 1/8" MAX. THICKNESS	GENERAL RETAIL AREA, MANAGER'S OFFICE, VINTAGES & BCR (FLOOR TILE & WALL BASE). PROVIDE 4"HT x 12" LONG TILE BASE (CUT FROM SPECIFIED 12" x 24" TILES) TO ALL PERIMETER WALLS AS PER INTERIOR ELEVATIONS
	FL43	PORCELAIN TILE	SILVER GREY	LAB 21 STRUCTURED 12" x 12" PORCELAIN TILE COLOUR: 'FOG' (SILVER GREY) FINISH: STRUCTURED CODE: #KM.LB.FOG.1212.ST.		GROUT BY FLEXITILE #663 'NORTH SEA GREY' (SANDED) 1/8" MAX. THICKNESS	VESTIBULE (FLOOR TILE & WALL BASE) WALL BASE SIZE: 4"HT x 12" LONG
	FL44	MARMOLEUM	GREY	MARMOLEUM MODULAR BY FORBO COLOUR: T2629 'EIGER' SIZE: 10"X20" GAUGE 1/10" (2.5MM)	FORBO FLOORING SYSTEMS 25 POLLARD STREET RICHMOND HILL, ON, L4B 1A8 CONTRACT: CHRISTIE WHITE TEL:416.661.2351 CELL:416.520.2127 EMAIL: CHRISTIE.WHITE@FORBO.COM		GENERAL RETAIL AREA AND MANAGER'S OFFICE. PROVIDE 4" HIGH VINYL WALL BASE FIN. NO. 41 TO ALL PERIMETER WALLS AS PER INTERIOR ELEVATIONS.
	FL45	THIN PORCELAIN SLABS	DARK GREY	LAMINAM BLEND: NERO THK: 3.5MM SIZE: 100CM X 300CM	STONE TILE 834 CALEDONIA RD. NORTH YORK, ON M6B 3X9 CONTACT: HENRIETTA SHENDEREY TEL: 416.515.9000 X:233 CELL: 416.879.7953 EMAIL: HENRIETTAS@STONE-TILE.COM	THIN SET MORTAR	STOREFRONT WALL SPECIFIC TO STORE 547
	FL46- FL54	RESERVED					
	NO.	MATERIAL	COLOUR	DESCRIPTION	SOURCE	COMMENTS	LOCATION
METAL & MISCELLANEOUS FINISHES	MT55	METAL	SATIN STAINLESS STEEL			SUBMIT SAMPLE FOR APPROVAL	GENERAL RETAIL AREA FIXTURE DETAILING
	MC56			REFER TO THE SRRS			
	MC57	BULLETIN BOARD	GREY	BULLETIN BOARD #2182	PHOENIX FLOOR & WALL PRODUCTS INC. CONTACT: CHRISTIE WHITE TEL: 416-661-2351		
	NO.	MATERIAL	COLOUR	DESCRIPTION	SOURCE	COMMENTS	LOCATION
EXTERIOR FINISHES	EX62	BRICK (FIELD)	YELLOW	COLOUR: SIERRA SANDSTONE SMOOTH SIZE: 90mm H. x 90mm D. x 290mm L. METRIC JUMBO FORMAT. MORTAR COLOR: NATURAL GREY	MERIDIAN BRICK 5155 DUNDAS ST. W. BURLINGTON, ON. CONTACT: TERRY KLINGSPORN TEL: 416-801-1638 EMAIL: terry.klingspohn@meridianbrick.ca		EXTERIOR WALLS
	EX63	BRICK (SOLDIER COURSE)	DARK GREY	PRODUCT: NOBLE ARCHITECTURAL BLOCK COLOUR: CHARCOAL FINISH: BUFF SIZE: 3 5/8" H. x 3 3/8" D. x 11 5/8" L. MORTAR COLOUR: NATURAL GREY	MANUFACTURER: PERMACON GROUP. DISTRIBUTED BY: PERMACON GROUP, MILTON, ON. CONTACT: MARIO NUNES CELL PH. 416-578-1903 EMAIL: mnunes@permacon.ca		EXTERIOR WALLS-SOLDIER COURSE ABOVE AWNINGS & BETWEEN BRICK PIERS
	EX64	CONCRETE BLOCK (BASE)	DARK GREY	PRODUCT: NOBLE ARCHITECTURAL BLOCK COLOUR: CHARCOAL. FINISH: BUFF. SIZE: 3 5/8" H. x 3 3/8" D. x 11 5/8" L. MORTAR COLOUR: NATURAL GREY OR PRODUCT: CAMBRIDGE SERIES COLOUR: DIAMOND BLACK FINISH: STIPPLED	MANUFACTURER: PERMACON GROUP. DISTRIBUTED BY: PERMACON GROUP, MILTON, ON. CONTACT: MARIO NUNES CELL PH. 416-578-1903 EMAIL: mnunes@permacon.ca OR RICHVALE YORK BLOCK INC. GORMLEY, ON. CONTACT: LUCIANO TESEO TEL: 416-213-7444 EXT: 236 ORDER DESK: 416-213-7447 EMAIL: lteseo.richvale@bellnet.ca		CONCRETE BLOCK BASE

FINISHES SCHEDULE (4 OF 4)							
	NO.	MATERIAL	COLOUR	DESCRIPTION	SOURCE	COMMENTS	LOCATION
EXTERIOR FINISHES	EX65	DOOR & WINDOW FRAMES	CLEAR ANODIZED ALUMINUM	CATEGORY: ALUMILITE CLEAR ANODIZED FINISH COLOUR: NO. 17 CLEAR	MANUFACTURER: KAWNEER CONTACT: SUSIE DAGRACA TEL: 905-673-5400	EXTERIOR CAULKING PRODUCT: TREMCO COLOUR: ANODIZED ALUM.	EXTERIOR GLAZING
	EX66	SPANDREL GLAZING	GREY	OPACI-COAT-300 (OR APPROVED EQUAL) COLOUR: NO. 3-1850 'KENDALL CHARCOAL' (BENJAMIN MOORE NO. HC-166)	ICO COATINGS TEL: 360-546-2286	SUBMIT SAMPLE FOR APPROVAL	EXTERIOR SPANDREL GLAZING
	EX67a	ALUMINUM COMPOSITE PANEL	BRIGHT SILVER METALLIC		AS PER THE LBBR		CANOPIES ONLY
	EX67b	PREFINISHED METAL FLASHING	BRIGHT SILVER METALLIC		AS PER THE LBBR		PARAPHET & MISC. FLASHINGS
	EX68	POWDER COATED PAINT	MEDIUM GREY	COLOUR: IRON GLIMMER P3 (FOR EXTERIOR USE) PRODUCT ID: 49/70200 TYPE: POLYESTER FINISH: METALLIC	TIGER DRYLAC CANADA INC. GUELPH, ON. M9L 1X3 TEL: 591-766-4781		EXTERIOR DISPLAY BANNER HARDWARE LOCATED ON BRICK PIERS
	EX69	POWDER COATED PAINT	MEDIUM GREY	MATTHEWS PAINT – MPC 101 42 MP12734 GARRISON MATTE FINISH – 2 COATS	FORWARD SIGNS CONTACT: MARLENE BUSSINEAU EMAIL: marlene.bussineau@forwardsigns.com		EXTERIOR 'LCBO' ILLUMINATED TRIM CAPS
	EX70-EX76	RESERVED					
	EX77	CONCRETE BLOCK (BASE)	LIGHT GREY	PRODUCT: CAMBRIDGE SERIES COLOUR: ONYX FINISH: SMOOTH MORTAR COLOUR TO MATCH	RICHVALE YORK BLOCK INC. GORMLEY, ON. CONTACT: LUCIANO TESEO TEL: 416-213-7444 EXT: 236 ORDER DESK: 416-213-7447 TOLL FREE: 1-877-792-5625 EMAIL: lteseo.richvale@bellnet.ca		CONCRETE BLOCK BASE FOR SIDING STORE
	EX78-EX79	RESERVED					
	EX80	PREFINISHED SIDING	GREY	HARDIE-PLANK LAP SIDING COLOUR: MONTEREY TAUPE TEXTURE: SELECT CEDARMILL WIDTH: 6.25" (5" EXPOSURE)	MANUFACTURER: JAMES HARDIE TEL: 1-866-4-HARDIE		EXTERIOR CLADDING (FIELD)
	EX81	PREFINISHED SIDING TRIM BOARDS	CREAM	HARDIE-PLANK LAP SIDING COLOUR: COBBLE STONE SMOOTH WIDTH: 4.5"	MANUFACTURER: JAMES HARDIE TEL: 1-866-4-HARDIE		EXTERIOR CLADDING (TRIM)
	EX82	RESERVED					
	EX83	PAINT	GREY	COLOUR: NO. HC-108 'SANDY HOOK GRAY' FINISH: ALKYD, LOW LUSTRE	BENJAMIN MOORE CO. LTD. 7070 MISSISSAUGA ROAD, SUITE 100 MISSISSAUGA, ON. L5N 7G2 TEL: 905-813-3700	SUBMIT SAMPLE FOR APPROVAL	WAREHOUSE MAN DOORS (EXTERIOR SIDE ONLY) USED W/ EXTERIOR SIDING ONLY.
	EX84	DRYVIT	GREY	SANDPEBBLE FINE DPR LCBO STAINLESS	DRYVIT SYSTEMS CANADA LTD. CONTACT: ANDREAS LUETH TEL: 905-856-7310 EXT. 29	SUBMIT SAMPLE FOR APPROVAL	EXTERIOR WALLS
	EX85	DRYVIT	GREY	SANDPEBBLE FINE DPR LCBO STAINLESS	DRYVIT SYSTEMS CANADA LTD. CONTACT: ANDREAS LUETH TEL: 905-856-7310 EXT. 29		
	NO.	MATERIAL	COLOUR	DESCRIPTION	SOURCE	COMMENTS	LOCATION
INTERIOR SIGNAGE/ WAYFINDING FINISHES	WF86	PAINT	LIGHT GREY	PRODUCT: BENJAMIN MOORE ACRYLIC INT LATEX COLOUR#: SW 7668 COLOUR: 'MARCH WIND' FINISH: GLOSSY	BENJAMIN MOORE CO. LTD. 7070 MISSISSAUGA ROAD, SUITE 100 MISSISSAUGA, ON. L5N 7G2 TEL: 905-813-3700		WAYFINDING CRESTS
	WF87	PAINT	BLACK	LETTERS & CRESTS FOR PAINT FINISH: BENJAMIN MOORE COLOUR#: 2133-10 'ONYX' FINISH: SATIN	BENJAMIN MOORE CO. LTD. 7070 MISSISSAUGA ROAD, SUITE 100 MISSISSAUGA, ON. L5N 7G2 TEL: 905-813-3700	FORWARD SIGNS CONTACT: HOLLY WONG EMAIL: holly.wong@forwardsigns.com	WAYFINDING SIGNAGE LETTERS, BCR WALL CRESTS IN GLOSS
	WF88	PAINT	WHITE	LETTERS FOR PAINT FINISH: BENJAMIN MOORE COLOUR: OC-118 'SNOWFALL WHITE' FINISH: SATIN	BENJAMIN MOORE CO. LTD. 7070 MISSISSAUGA ROAD, SUITE 100 MISSISSAUGA, ON. L5N 7G2 TEL: 905-813-3700	FORWARD SIGNS CONTACT: HOLLY WONG EMAIL: holly.wong@forwardsigns.com	WAYFINDING SIGNAGE LETTERS
NOTE: THE FINISH SCHEDULE IS A STANDARD DOCUMENT. NOT ALL LISTED FINISHES APPLY TO THIS SPECIFIC PROJECT. CONTRACTOR SHALL REFER TO ALL OTHER SUPPORTING DRAWINGS & SPECIFICATIONS.							



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w. www.ilbyiv.com



Context Plan



General Notes:

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7. DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ARCHITECT, AND MUST BE RETURNED UPON COMPLETION OF WORK.
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Rev.:	Date:	Description:	Initial



Issued for Permit & Tender

Issued for:

September 10, 2020

Issue Date:

124671	N.T.S.	LG	VG
Project No.:	Scale:	Drawn by:	Checked by:

LCBO Store No. 547
Interior Fit-Up
Toronto, Ontario

Project:

Supplemental Finish Schedule

Drawing Title:

A4.01

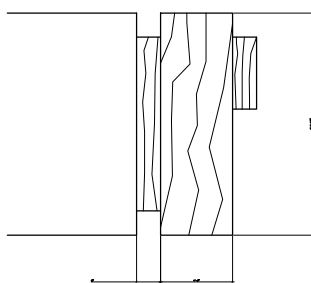
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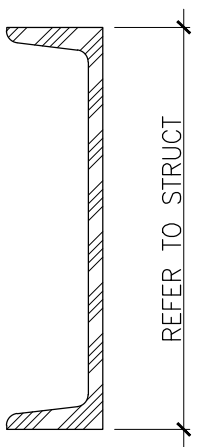
R O O M F I N I S H S C H E D U L E											REMARKS
ROOM No.	ROOM NAME	FLOOR MATERIAL	FINISH	BASE	WALLS MATERIAL	FINISH	COLOR	CEILING MATERIAL	FINISH	COLOR	
100	EXISTING VESTIBULE	EXIST. CONC.	FIN. NO. FL43 PORCELAIN TILE	FIN. NO. FL43 PORCELAIN TILE	DRYWALL	PT20	LIGHT GREY	DRYWALL	PT14	WHITE	—PROVIDE 4" x 12" TILE BASE CUT FROM SPECIFIED FLOOR TILE.
101	RETAIL	EXIST. CONC.	FIN. NO. FL42 PORCELAIN TILE	FIN. NO. FL42 PORCELAIN TILE	DRYWALL	REFER TO INTERIOR ELEVATIONS	REFER TO FINISHES SCHEDULE	EXIST. STEEL DECK W/ FIRE SPRAY	PT14	WHITE	—REFER TO INTERIOR ELEVATIONS/RCP FOR FINISHES. —REFER TO INTERIOR ELEVATION FOR CHANGES IN WALL FIN. —APPLY ANTI—FUNGAL PAINT ON WALLS IMMEDIATELY BEHIND ALL REFRIGERATION UNITS (TYP.) —REFER TO NOTE 5.1 FOR FINISHES FOR COLUMNS —EXPOSED RETAIL CEILING INCLUDING MECH DUCTS, ELECT. WIRES AND PLUMBING LINES TO BE PAINTED PT. FIN. No. 14. —EGGSHELL PAINT FIN. ON WALLS. —FLAT PAINT FIN. ON CEILING
102	MANAGER OFFICE	EXIST. CONC.	FL40 PORCELAIN TILE	FL40 PORCELAIN TILE	DRYWALL	PT14	WHITE	T—BAR	CT36	WHITE	—EGGSHELL PAINT FIN. ON WALLS.
103	WAREHOUSE	EXIST. CONC.	EXIST. CONC. W/HARDENER SEALER	FIN. NO. FL41 VINYL BASE	DRYWALL & EX. CONC. BLOCK	PT14	WHITE	EXIST. CONC.	?	?	—SEMI—GLOSS PAINT FIN. ON WALLS.
104	JANITOR'S RM	EXIST. CONC.	EXIST. CONC. W/HARDENER SEALER	—	CEMENT BOARD	PT14A	WHITE	DRYWALL	PT14A	WHITE	—HIGH HUMIDITY FINISH ON ALL WALLS. SEE SPECS.
105	UNIVERSAL WASHROOM	EXIST. CONC.	FL40 PORCELAIN TILE	FL40 PORCELAIN TILE	DRYWALL	PT14	WHITE	T—BAR	CT36	WHITE	—EGGSHELL FIN. ON WALLS. —PROVIDE 4"H x 12" TILE BASE CUT FROM SPECIFIED FLOOR TILE. —FL39 WALL TILE—REFER TO INTERIOR ELEVATIONS
106	STAFF ROOM	EXIST. CONC.	FL40 PORCELAIN TILE	FL40 PORCELAIN TILE	DRYWALL	PT14		T—BAR	CT36	WHITE	—EGGSHELL FIN. ON WALLS. —PROVIDE 4"H x 12" TILE BASE CUT FROM SPECIFIED FLOOR TILE. —FL39 WALL TILE—REFER TO INTERIOR ELEVATIONS
107	UNISEX W/RM	EXIST. CONC.	FIN. No. 40 PORCELAIN FLOOR TILE	FIN. No. 40 PORCELAIN BASE	DRYWALL	PT. FIN. 14 TILE No. 39	WHITE	T—BAR	FIN. 36	WHITE	—PROVIDE EGGSHELL FINISH ON WALLS. —PROVIDE 4"H x 12" TILE BASE CUT FROM SPECIFIED FLOOR TILE. —PROVIDE FIN. No 39., CERAMIC WALL TILE ON WALLS (REFER TO WASHROOM ELEVATIONS)

D O O R S C H E D U L E												
	LOCATION	SIZE W' x H' x D	DOOR				FRAME			FIRE RATING	REMARKS SEE MECHANICAL FOR DOOR GRILLE REQUIREMENTS	
			TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH			
RETAIL LEVEL												
100-3	EXTERIOR TO VESTIBULE (EXISTING)	EXISTING	—	—	—	—	—	—	—	—	EXISTING	
100-2	VESTIBULE TO RETAIL ENTRY (EXISTING)	EXISTING	—	—	—	—	—	—	—	—	EXISTING	
100-1	RETAIL TO VESTIBULE (EXISTING)	EXISTING	—	—	—	—	—	—	—	—	EXISTING	
D102	WAREHOUSE TO MANAGER OFFICE	3'-2" x 7'-0" x 1 3/4"	A	H.M.	PT27	—	F1	HM	PT27	—	SEE MECHANICAL FOR DOOR GRILLE REQUIREMENTS	
D100	RETAIL TO WAREHOUSE	(2) 2'-6" x 6'-8" x 1 3/4"	B	SEE SPEC.	SEE SPEC.	SEE SPEC.	F2	METAL	PT16A	—	IMPACT TRAFFIC DOORS. ALSO SEE STRUCTURAL DRAWINGS. SEE SPEC SECTION 08 38 19	
D103	WAREHOUSE TO JANITOR ROOM	3'-2" x 7'-0" x 1 3/4"	A	H.M.	PT27	—	F3	HM	PT27	—	DOOR CLOSER TO MAINTAIN 0-HR FIRE SEPARATION & SEE MECHANICAL FOR DOOR GRILLE REQUIREMENTS	
D104	WAREHOUSE TO UNIVERSAL WASHROOM	3'-2" x 7'-0" x 1 3/4"	A	H.M.	PT27	—	F1	HM	PT27	—	SEE MECHANICAL FOR DOOR GRILLE REQUIREMENTS. POWER ASSIST SWING DOOR OPERATOR C/W 2 PUSH BUTTONS (SEE SPECS)	
D101	WAREHOUSE TO STAFF ROOM	3'-2" x 7'-0" x 1 3/4"	A	H.M.	PT27	—	F1	HM	PT27	—	SEE MECHANICAL FOR DOOR GRILLE REQUIREMENTS	
102-1	WAREHOUSE TO COMMON AREA (EXISTING)	EXISTING	—	—	PT27	—	—	—	PT27	—	EXIST. DOOR BY L.L. ACTIVE DOOR LEAF TO BE PROVIDED WITH: (4-POINT EXIT DEVICE — SEE SPECS) BY G.C • **G.C TO REMOVE EXIST DOOR LEVEL SET AND REPLACE WITH 4-POINT EXIST DEVICE. • **PROVIDE NEW COVER PLATE TO FINISH EXIST HOLE FROM DEMOLISHED HARDWARE. • **G.C AND HARDWARE CONSULTANT MUST SITE VERIFY HEIGHT OF EXIST DOOR PRIOR TO ORDERING/FABRICATION OF 4-POINT EXIT DEVICE. ENSURE DEVICE IS SUITED TO HEIGHT AND WIDTH OF EXIST DOOR. —REMOVE EXISTING SLIDE BOLTS AND INSTALL NEW LCBO SPECIFIED SLIDE BOLTS ON INACTIVE LEAF; REFER TO HARDWARE SCHEDULE.	
D105	WAREHOUSE TO UNISEX W/RM	3'-2" x 7'-0" x 1 3/4"	A	HM	PT27	—	F2	HM	PT27		SEE MECHANICAL FOR DOOR GRILLE REQUIREMENTS	

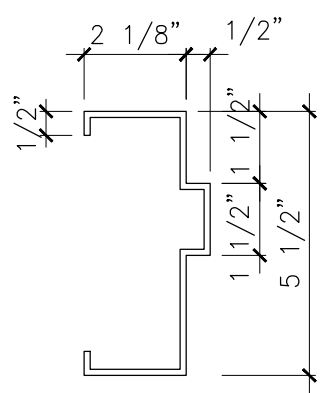
F4 (WOOD)



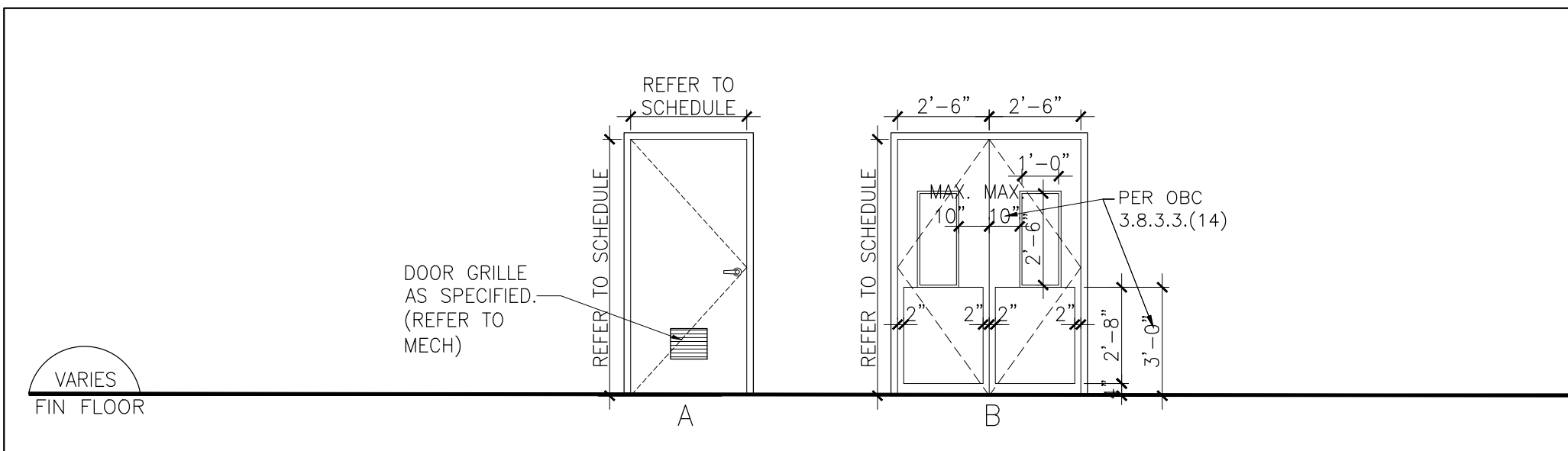
F3
(HOLLOW METAL AT FIRE-RATED ASSEMB.)



F2
(STL ANGLE FIN. 16)



F1
(HOLLOW METAL)

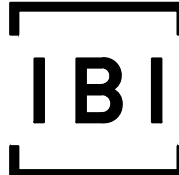


DOOR SCHEDULE GENERAL NOTES:

1. REFER TO SPECIFICATION SECTION 08 70 00 FOR DOOR HARDWARE AND HARDWARE SCHEDULE.
2. ALL LOCKS THAT GAIN ACCESS TO LCBO'S PREMISE FROM THE OUTSIDE WILL BE TYPICAL MEDECO TYPE KEYED ALIKE. G.C TO MARK THIS KEY AS "ENTRANCE" THE FOLLOWING LOCATIONS:
—SECURITY GRILLE
3. ALL LOCKS THAT ARE FOR OPERATIONAL NEEDS WILL BE KEYED ALIKE, HIGH QUALITY TYPE MECHANISM. G.C TO MARK THIS KEY AS "OPERATIONAL ITEMS", I.E:
—D102 OFFICE DOOR.
—LOCK FOR UPS.
—LOSS PREVENTION CAGE IN WAREHOUSE, ETC. HIGH QUALITY TYPE MECHANISM.
—RETAIL LOCKABLE FIXTURES.
—D105 UNIVERSAL WASHROOM.
4. WAREHOUSE DOOR GRILLES TO BE PAINTED FACTORY GREY. FIRE-RATED DOOR GRILLES (WHERE APPLICABLE) SHALL NOT BE PAINTED, SHALL BE FINISHED FACTORY GREY.

ABBREVIATIONS:

- | | |
|-------|------------------------|
| HM | —HOLLOW METAL |
| IHM | —INSULATED |
| PT. | —PAINT |
| ALUM. | —ALUMINUM HOLLOW METAL |
| VI | —VISION GLASS |
| GL | —GLASS/GLAZING |
| PREF. | —PREFINISHED |
| LAM | —LAMINATED GLASS |
| TEMP. | —TEMPERED GLASS |
| CONC. | —CONCRETE |
| FIN. | —FINISH |



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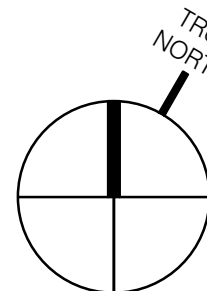


Context Plan



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PROJECT N

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Rev.: Date: Description: Initial



Issued for Permit & Tender

Issue Date:	September 10, 2020
Project No.:	124671
Scale:	N.T.S.
Drawn by:	LG
Checked by:	VG

LCBO Store No. 547
Interior Fit-Up
Toronto, Ontario

Project:
Room Finish Schedule
Door & Door Frame Schedule

Drawing Title:

A4.02

Sheet No.:



1. THIS IS A IMPERIAL PROJECT. UNLESS OTHERWISE NOTED, ALL LENGTHS ARE IN FEET / INCHES.
2. ALL REFERENCED STANDARDS SHALL BE THE CURRENT EDITION OF THE EDITION REFERENCED BY THE APPLICABLE BUILDING CODE IN FORCE AT THE TIME OF BUILDING PERMIT APPLICATION.
3. "WSP-S" REFERS TO WSP CANADA INC STRUCTURAL CONSULTANT.
4. PROVIDE ALL MATERIAL AND LABOUR REQUIRED FOR COMPLETION OF THE WORK.
5. PRIOR TO CONSTRUCTION, REVIEW STRUCTURAL DRAWINGS IN CONJUNCTION WITH DRAWINGS PROVIDED BY ALL OTHER CONSULTANTS, AND WITH EXISTING CONDITIONS.
6. REPORT DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.
7. VERIFY EXISTING DIMENSIONS AND CONDITIONS ON SITE PRIOR TO CONSTRUCTION.
8. USE THESE DRAWINGS ONLY FOR THE PURPOSE IDENTIFIED IN THE REVISIONS COLUMN. DO NOT CONSTRUCT FROM THESE DRAWINGS UNLESS MARKED 'ISSUED FOR CONSTRUCTION'.
9. DO NOT USE INFORMATION ON THESE DRAWINGS FOR ANY OTHER PROJECT OR WORKS.
10. DO NOT SCALE THESE DRAWINGS.

1. STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE 2012 ONTARIO BUILDING CODE (OBC), INCLUDING 2019 AMENDMENTS, SUPPLEMENTED BY THE 2015 NATIONAL BUILDING CODE OF CANADA STRUCTURAL COMMENTARY.
2. ALL REFERENCED STANDARDS SHALL BE THE CURRENT EDITION OF THE EDITION REFERENCED BY THE APPLICABLE BUILDING CODE IN FORCE AT THE TIME OF BUILDING PERMIT APPLICATION.
3. THE VALUES FOR CLIMATIC DATA USED IN THE DETERMINATION OF DESIGN LOADS HAVE BEEN OBTAINED FROM THE 2012 OBC FOR THE SPECIFIC LOCATION OF TORONTO.
4. BASED ON THE USE AND OCCUPANCY, THE BUILDING IS DESIGNED TO THE REQUIREMENTS OF A NORMAL IMPORTANCE CATEGORY.
5. SELF WEIGHT (SWT) IS DUE TO THE WEIGHT OF THE STRUCTURE ITSELF. IT VARIES WITH THE STRUCTURAL SYSTEM.
6. SUPERIMPOSED DEAD LOADS (SDL) ARE NON-STRUCTURAL DEAD LOADS DUE TO NON-STRUCTURAL TOPPINGS, FINISHES, PARTITIONS, ROOFING MATERIALS, SUSPENDED EQUIPMENT, PAVERS, SOIL, ETC.
7. DEAD LOAD (DL) IS THE SELF WEIGHT OF THE STRUCTURE PLUS THE SUPERIMPOSED DEAD LOAD.
8. UNLESS OTHERWISE NOTED, DESIGN LOADS SHOWN ON DRAWINGS ARE SPECIFIED (UNFACTORED) LOADS, TO BE USED FOR ULS DESIGN. FOR SLS DESIGN, THESE LOADS CAN BE REDUCED BY MULTIPLYING WITH THE RATIO OF APPROPRIATE IMPORTANCE FACTORS $\gamma_{f(SLS)}$ / $\gamma_{f(ULS)}$ GIVEN BELOW.
9. IF ONLY ONE VALUE IS GIVEN FOR A POINT LOAD, CONSIDER IT LIVE LOAD.
10. FOR CONNECTION LOADS, "+" SIGN INDICATES TENSION AND "-" SIGN INDICATES COMPRESSION, EXCEPT FOR COLUMN LOADS WHERE "+" SIGN INDICATES COMPRESSION AND "-" SIGN INDICATES TENSION.

1. SUBMIT 4 HARD COPIES OR PDF'S OF SHOP DRAWINGS FOR REVIEW BEFORE START OF WORK. PACKAGES TO BE SUBMITTED ARE NOTED IN THE RELEVANT SECTIONS BELOW.
2. REVIEW OF SHOP DRAWINGS BY WSP-S IS ON A SAMPLING BASIS, FOR GENERAL CONFORMITY WITH STRUCTURAL CONTRACT DOCUMENTS. IT IS NOT A DETAILED CHECK AND MUST NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR OF HIS RESPONSIBILITY TO MAKE THE WORK ACCURATE AND IN CONFORMITY WITH ALL THE CONTRACT DOCUMENTS, TO REVIEW SHOP DRAWINGS AND TO COORDINATE WORK OF INTERFACING TRADES AND MANUFACTURE OF INTERFACING PRODUCTS.
3. REVIEW OF SHOP DRAWINGS DOES NOT IMPLY ANY CHANGE IN ANY OTHER CONSULTANTS' OR PROFESSIONALS' RESPONSIBILITIES RELATED TO DESIGN OF SPECIFIC ITEMS AS OUTLINED BY THESE DRAWINGS.
4. ALLOW A MINIMUM OF 10 WORKING DAYS FOR REVIEW OF EACH SUBMISSION OF SHOP DRAWINGS IN THE STRUCTURAL CONSULTANT'S OFFICE. ALLOW MORE TIME WHEN LARGE QUANTITIES OF SHOP DRAWINGS ARE SUBMITTED. SUBMIT IN GENERAL CONFORMITY WITH THE SEQUENCE OF CONSTRUCTION INTENDED.
5. AFTER REVIEW, SHOP DRAWINGS WILL BE STAMPED AND RETURNED. DO NOT COMMENCE FABRICATION UNTIL RETURNED SHOP DRAWINGS HAVE BEEN EXAMINED.
6. SHOP DRAWINGS MARKED "REVIEWED" CAN BE USED FOR FABRICATION.
7. SHOP DRAWINGS MARKED "REVIEWED AS NOTED" CAN BE USED FOR FABRICATION AFTER THE REVISIONS NOTED ARE IMPLEMENTED.
8. SHOP DRAWINGS MARKED "REVISE AND RESUBMIT" REQUIRE SUBSTANTIAL REVISIONS AND MUST BE RESUBMITTED FOR ADDITIONAL REVIEW PRIOR TO FABRICATION.
9. SHOP DRAWINGS MARKED "REVIEWED FOR IMPACT ON BASE STRUCTURE ONLY" SHOW WORKS WHICH ARE NOT WITHIN THE SCOPE OF STRUCTURAL CONSULTING SERVICES BUT AFFECT BEHAVIOUR OF THE BASE STRUCTURE. WSP-S CANADA INC. WILL NOT REVIEW THESE WORKS AND ASSUMES THAT THE INDICATED WEIGHTS AND ALL OTHER LOADS IMPOSED ON THE BASE STRUCTURE ARE CORRECTLY IDENTIFIED BY THE DESIGNER / SUPPLIER OF THESE ELEMENTS.
10. DRAWINGS MARKED "NOT REVIEWED" SHOW WORKS WHICH ARE NOT WITHIN THE SCOPE OF STRUCTURAL CONSULTING SERVICES.

1. STRUCTURAL CONSULTANT WILL PROVIDE PERIODIC FIELD REVIEW OF A REPRESENTATIVE SAMPLE OF THE STRUCTURAL WORKS DETAILED ON THESE DRAWINGS FOR GENERAL CONFORMANCE WITH CONTRACT DOCUMENTS. THESE REVIEWS DO NOT REPLACE THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT AND MAINTAIN A QUALITY CONTROL PROGRAM, AND DO NOT MAKE WSP-S CANADA INC. A GUARANTOR OF THE CONTRACTOR'S WORK.
2. ASSIST THE CONSULTANTS DURING FIELD REVIEW, AND PROVIDE SAFE ACCESS TO WORK AREAS AS REQUIRED.
3. CHECK THE WORK PRIOR TO FIELD REVIEW TO CONFIRM IT IS COMPLETED AND IN ACCORDANCE WITH CONTRACT DOCUMENTS.
4. NOTIFY THE CONSULTANT 48 HOURS PRIOR TO CONCRETE POURS, BACKFILLING, AND COVERING UP THE STRUCTURE WITH FINISHES.

1. EXISTING CONDITIONS ARE ASSUMED. SURVEY THE EXISTING STRUCTURE AFTER REMOVING FINISHES AND REPORT ANY VARIATIONS TO THE STRUCTURAL CONSULTANT BEFORE PROCEEDING WITH THE WORK
2. TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE EXISTING STRUCTURE DURING CONSTRUCTION.
3. SCHEDULE WORK TO MINIMIZE EFFECT ON THE EXISTING BUILDING OPERATION. USE EQUIPMENT AND PROCEDURES TO MINIMIZE NOISE, DUST AND VIBRATIONS. SUBMIT PROPOSED SCHEDULE FOR REVIEW BY THE CONSULTANT AND THE OWNER.
4. ALL DEMOLITION, SHORING, UNDERPINNING AND OTHER TEMPORARY WORKS TO BE DESIGNED BY A PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR, LICENSED IN THE PLACE WHERE THE PROJECT IS LOCATED. PREPARE DRAWINGS SIGNED AND SEALED BY THAT ENGINEER SHOWING DEMOLITION PROCEDURE AND SEQUENCE AND ALL THE NECESSARY SHORING.
5. UNDERTAKE CHIPPING, CUTTING, CORING, REPAIRS, PATCHING, AND REMOVAL OF DEBRIS. MAKE CUTS WITH THE PROPER SAWS AND BITS WHEN A CLEAN LINE IS REQUIRED.
6. DO NOT ALTER MATERIAL PROPERTIES OF THE STRUCTURAL STEEL WHICH IS TO REMAIN BY CUTTING AND DEMOLITION PROCEDURE.
7. MAKE GOOD ALL EXISTING WORK DISTURBED BY SHORING OPERATIONS, EXCAVATION AND OTHER CONSTRUCTION PROCEDURES.

1. CONFORM TO CSA S16 "LIMIT STATES DESIGN OF STEEL STRUCTURES".
2. FABRICATOR TO BE CERTIFIED BY THE CANADIAN WELDING BUREAU UNDER REQUIREMENTS OF CSA W47.1, DIVISION 1 OR 2, AND/OR CSA W5.3.
3. WELDERS TO BE CWB CERTIFIED. WELDING TO BE IN ACCORDANCE WITH CSA W59.
4. MATERIALS (TO CSA G40.21 UNLESS NOTED OTHERWISE):
 - WIDE FLANGE SECTIONS: GRADE 350W
 - CHANNEL, ANGLES, PLATES, BARS: GRADE 300W
 - HOLLOW STRUCTURAL SECTIONS (HSS): CSA G40.21 350W CLASS "C"
 - BOLTS, NUTS AND WASHERS: ASTM F3125, GRADE A325
 - ANCHOR RODS: GRADE 300W; OR ASTM F1554 GRADE 36
 - SHOP PAINT: CISC/CPMA 1-73A
 - SHOP PRIMER PAINT: CISC/CPMA 2-75
 - WELDING MATERIALS: CSA W48 AND CSA W59
5. SHOP DRAWINGS FOR STRUCTURAL STEEL AND STEEL CONNECTIONS TO BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR DESIGN, RETAINED BY THE CONTRACTOR AND REGISTERED IN THE PLACE THE PROJECT IS LOCATED. ENGINEER TO CARRY MINIMUM \$1,000,000 IN LIABILITY INSURANCE.
6. CONNECT BEAMS FOR THE FORCES SHOWN ON DRAWINGS USING THE CISC "HANDBOOK OF STEEL CONSTRUCTION". IF NO FORCE IS INDICATED, CONNECT NON-COMPOSITE BEAMS FOR THE REACTION DUE TO MAXIMUM UNIFORMLY DISTRIBUTED LOAD CAPACITY OF THE BEAM IN BENDING, AND CONNECT COMPOSITE BEAMS FOR ONE AND A HALF TIMES THE REACTION DUE TO MAXIMUM UNIFORMLY DISTRIBUTED LOAD CAPACITY OF THE NON-COMPOSITE SECTION IN BENDING.
7. WHERE SLOTTED CONNECTIONS ARE SHOWN ON STRUCTURAL DRAWINGS, FINGER TIGHTEN BOLTS TO A SNUG FIT AND BURR THREADS TO PREVENT NUTS FROM WORKING LOOSE.
8. DO NOT SPLICE SECTIONS WITHOUT PRIOR ACCEPTANCE BY THE CONSULTANT AND SUBMISSION OF PERTINENT SHOP DRAWINGS. ACCEPTED SPLICES TO DEVELOP THE FULL MOMENT CAPACITY OF THE SECTION. EACH SPLICE TO BE GIVEN A NON-DESTRUCTIVE TEST BY AN INDEPENDENT INSPECTION COMPANY ACCEPTABLE TO WSP-S. TESTING TO BE AT THE CONTRACTOR'S EXPENSE. EVALUATE RESULTS IN ACCORDANCE WITH CSA W59 AND REPORT TO WSP-S.
9. DO NOT CUT HOLES OR OTHERWISE MODIFY STRUCTURAL MEMBERS ON SITE.
10. PROTECT COMBUSTIBLE MATERIALS AND FINISHES DURING WELDING OPERATIONS.
11. UNLESS OTHERWISE NOTED, CLEAN STEEL TO SSPC SP1 (SOLVENT CLEANING) AND APPLY ONE COAT OF SHOP PAINT.
12. CLEAN STEEL WHICH WILL RECEIVE A FINISHED COAT OF PAINT ON SITE TO SSPC SP7 (BRUSH OFF BLAST CLEANING) AND APPLY SHOP PRIMER.
13. PROVIDE VENT HOLES IN HSS SECTIONS WHERE REQUIRED FOR GALVANIZING PROCESS. MAXIMUM SIZE 16 (5/8") DIAMETER. FILL WITH VENT HOLE PLUGS AFTER GALVANIZING.
14. PROVIDE ALL ERECTION BRACING REQUIRED TO KEEP THE STRUCTURE STABLE AND IN ALIGNMENT DURING CONSTRUCTION.

1. DO NOT DELIVER MATERIALS WHICH ARE KNOWN NOT TO MEET THE REQUIREMENTS OF THE SPECIFICATIONS. IF REJECTED AFTER DELIVERY, REMOVE IMMEDIATELY FROM SITE.

DRAWING ABBREVIATIONS						TG-ABBR-01	
ABUT	ABUTMENT	DW	DRAWING	Ld	TENSION DEVELOPMENT LENGTH OF REBAR	SPEC	SPECIFICATIONS
ADDL	ADDITIONAL	DWL	DOWEL	tdc	COMPRESSION DEVELOPMENT LENGTH OF REBAR	SPF	SPRUCE PINE FIR
AEC	ARCHITECTURALLY EXPOSED CONCRETE	EA	EACH	tdb	TENSION EMBEDMENT LENGTH WITH STANDARD HOOK	SR	STUD RAIL
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	ECR	EPOXY COATED REINFORCEMENT	LE	LEFT END	STAN	STANDARD STEEL
AFB	ASPHALT IMPREGATED FIBERBOARD	EBF	ECCENTRICALLY BRACED FRAME	LG	LONG	ST	STRAIGHT
ALT	ALTERNATE	EE	EACH END	LL	LOWER LEVEL	STD	STANDARD
ARCH	ARCHITECTURAL	EF	EACH FACE	LLH	LONG LEG HORIZONTAL	STE	SHEAR TRANSFER ELEMENTS
ANCH	ANCHOR ROD	EXP	EXPANSION JOINT	LV	LONG LEG VERTICAL	STR	STRAGGLED
ASPH	ASPHALT	ELECT	ELECTRICAL	LONG	LONGITUDINAL	STRIP	STRIPPED
AVG	AVERAGE	EL	ELEVATION	LSH	LONG SIDE HORIZONTAL	STIFF	STIFFENER
B BOT	BOTTOM	ELEV	ELEVATOR	LP	LOW POINT	STEEL	STEEL
BOF	BOTTOM OF FOOTING	EMBED	EMBEDMENT	LWT	LIGHT WEIGHT	STR	SEISMIC STRAP
BOP	BOTTOM OF PILE	ENG	ENGINEER	MAX	MAXIMUM	STRUCT	STRUCTURAL
BCE	BOTTOM CHORD EXTENSION	EOD	EDGE OF DECK	MC	MOMENT CONNECTION (→)	SWT	SELF WEIGHT
BOP	BORED CONCRETE PILE	EOS	EDGE OF SLAB	MECH	MECHANICAL	SYMM	SYMMETRICAL
BEW	BOTTOM EACH WAY	ES	EACH SIDE	MEZZ	MEZZANINE	I	THICKNESS
BL	BOTTOM LOWER LAYER	EQ	EQUAL	MF	MOMENT FRAME	TB	TRANSFER BEAM
BP	BASE PLATE	EW	EACH WAY	MIN	MINIMUM	TBB	TOP BASIC BARS
BRG	BEARING	EX	EXISTING	MISC	MISCELLANEOUS	T	TOP
BRP	BEARING PLATE	EXT	EXTERIOR	MOV	MOVEMENT JOINT	TOL	TENSION DEVELOPMENT LENGTH
BSMT	BASEMENT	FC	FUTURE COLUMN	M	MIDDLE LAYER	TEW	TOP EACH WAY
BUP	BOTTOM UPPER LAYER	FD	FLOOR DRAIN	NF	NEAR FACE	TAG	TONGUE AND GROOVE
BUL	BOTTOM OF UNDERPINNING	FF	FAR FACE	NIC	NOT IN CONTRACT	TJ	THE JOIST
C	CAMBER	FIN	FINISHED	NOM	NOMINAL	TLL	TOP LOWER LAYER
CA	COLUMN ABOVE ONLY (NO COLUMN BELOW)	FLOOR	FLOOR	NTS	NOT TO SCALE	TOP	TOP OF
CANT	CANTILEVER	FMC	FULL MOMENT CONNECTION (FOR FULL MOMENT CAPACITY)	ONC	ON CENTER	TOB	TOP OF (GRADE) BEAM
CAT	CATEGORY (FOR AESS)	FND	FOUNDATION	OD	OUTSIDE DIAMETER	TOC	TOP OF CONCRETE
CB	COLUMN BELOW ONLY (NO COLUMN ABOVE)	FTC	FOOTING	ODF	OUTSIDE FACE	TOF	TOP OF FOOTING
CDL	COMPRESSION DEVELOPMENT LENGTH	GA	GAUGE	OPP	OPPOSITE	TOF	TOP OF STEEL
CEL	CUT OFF ELEVATION FOR PILES	GALV	GALVANIZED	OWS	OPEN WEBS STEEL JOIST	TOP	TOP OF PILE
CP	CAST-IN PLACE	GB	GRADE BEAM	PAF	POWER ACTUATED FASTENERS	TOW	TOP OF WALL
CPJ	CENTRAL JOINT	GC	GENERAL	PL	PLATE	TOP	TOP OF PILE CAP
CLR	CLEAR	GL	GROULINE	PROJ	PROJECT, PROJECTION	TRANS	TRANSVERSE
CL	CENTLINE	GRD	GROUND	PS	PIPE SUPPORT	TSA	TENSION SPACE "A"
CLM	CLEARANCE MASONRY UNITS	HT	TOTAL THICKNESS, SLAB THICKNESS AWAY FROM DROP PANEL	PSB	POSITION DASHED	T8B	TENSION SPACE "B"
CNT	STEEL DECK CORE NOMINAL THICKNESS	ht	SLAB OVERALL THICKNESS AT DROP PANEL	PTL	PRESSURE TREATED LUMBER	TUL	TOP UPPER LAYER
COMP	COMPOSITE	H, HORIZ	HORIZONTAL	R	RADIUS	TYP	TYPICAL
COL	COLUMN	(H)	HIGH BEAM	RA	ROOF ANCHOR	L-BAR	"L" SHAPED BAR
CONC	CONCRETE	HC	HOLLOW CORE	RD	ROOF DRAIN	UDB	UNIFORM DISTRIBUTED BARS
CNTD	CONTINUOUS	HD	HOLD DOWN	RE	RIGHT END	UF	UNDERSIDE OF FOOTING
CONT.JD	CONTINUED	HDG	HOT DIPPED GALVANIZED	REIN	REINFORCEMENT	UL	UPPER LEVEL
CONJ	CONNECTION JOINT	HEF	HORIZONTAL EACH FACE	REMA	REMAINER	ULS	ULTIMATE LIMIT STATE
CP	CONNECTION PLATE	HIS	HORIZONTAL INSIDE FACE	REQD	REQUIRED	US	UNDERSIDE
CPL	CAP PLATE	HH	HOOK EACH END	REV	REVISION	UN, UNO	UNLESS NOTED OTHERWISE
CS	COMPRESSION LAP SPlice	HI	HORIZONTAL IN CENTRE	RF	RF RIGID FRAME	UPT	UP TURNED
COV	CLEAR COVER	HO	HORIZONTAL OUTSIDE FACE	RL	REFERENCE LINE	VERT	VERTICAL
CW	COMPLETE WITH, CONNECT WITH	HP	HIGH POINT	RSS	RETAINED SOIL SYSTEM	VB	VERTICAL BRACING
CWS	(SEE TO GENERAL NOTES)	HSC	HORIZONTAL SLOTTED CONNECTION	RTO	ROOF TOP UNIT	VEF	VERTICAL EACH FACE
CLS	(SEE TO GENERAL NOTES)	INT	INTERITY BARS INTERIOR	RW	RETAINING WALL	VEI	VERTICAL INSIDE FACE
DCA	DRILLED CONCRETE ANCHOR, SEE GENERAL NOTES	IBE	INTERITY BARS EXTERIOR	R/W	REINFORCE WITH	VIC	VERTICAL IN CENTRE
DEMO	DEMOLITION	IBA	INTERITY BARS ADDED	REQD	REQUIRED WITH	VOF	VERTICAL OUTSIDE FACE
DET	DETAIL	IBB	INTERITY BOTTOM BARS (THROUGHOUT)	SDF	STEP DOWN FOOTING (IN DIRECTION OF ARROW)	VSC	VERTICAL SLOTTED CONNECTION
DFIR-L	DFIR-LASH	ID	INSIDE DIAMETER	SECT	SECTION	WALL	WALL SECTION
DIA, Ø	DIAMETER	INT	INTERIOR	SIM	SIMPLE	WIND	WIND COLUMN
DIV	DIVIDER BEAM	IS	INSIDE FACE	SL	STEEL JOIST	w/o	WITHOUT
DMA	DRILLED MASONRY ANCHOR, SEE GENERAL NOTES	JOIST GRD	JOIST GROUND	SL	SLAB, SHOT SLAB ANGLE	WP	WORK POINT
DWN	DOWEL	KB	KNOB BRACING	SLB	SLIGHT LEO BACK TO BACK	WSP-S	WSP STRUCTURAL
DWN	DOUBLE NUT AND WASHER	(L)	LOW BEAM	SLS	SERVICEABILITY LIMIT STATE	WV	WELDED WIRE FABRIC
DP	DEEP	ZL	BACK TO BACK ANGLES	SOG	SLAB-ON-GRADE	ZRP	ZINC RICH PAINT

REQUIRED DOCUMENTATION FOR SUBSTANTIAL PERFORMANCE AND FINAL GENERAL CONFORMANCE LETTERS-LCBO

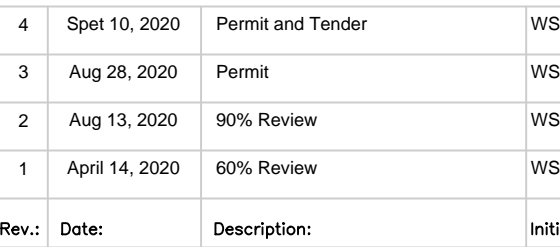
- STRUCTURAL STEEL SHOP DRAWING FOR IMPACT DOOR FRAMING SIGNED AND SEALED BY A PROFESSIONAL ENGINEER.

IBI GROUP
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1. ALL DIMENSIONS IN IMPERIAL.
2. VERIFY ALL DIMENSIONS.
3. DO NOT SCALE DRAWINGS.
4. CHECK DRAWINGS AGAINST SPECIFICATIONS.
5. USE THE LATEST REVISED DRAWINGS ONLY.
6. REPORT ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SCHEDULES DISCOVERED ERRORS, OR OMISSIONS, TO THE ARCHITECT AND LCBO DURING TENDER PERIOD AND BEFORE PROCEEDING WITH ANY WORK.
7. DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ARCHITECT, AND MUST BE RETURNED UPON COMPLETION OF WORK.
8. TO VIEW A LIST OF BIDDERS FOR THIS PROJECT, PLEASE GO TO: BIDDING.COM/LCBO



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Sept 10, 2020

Issue Date:

17M-02500-F1|N.T.

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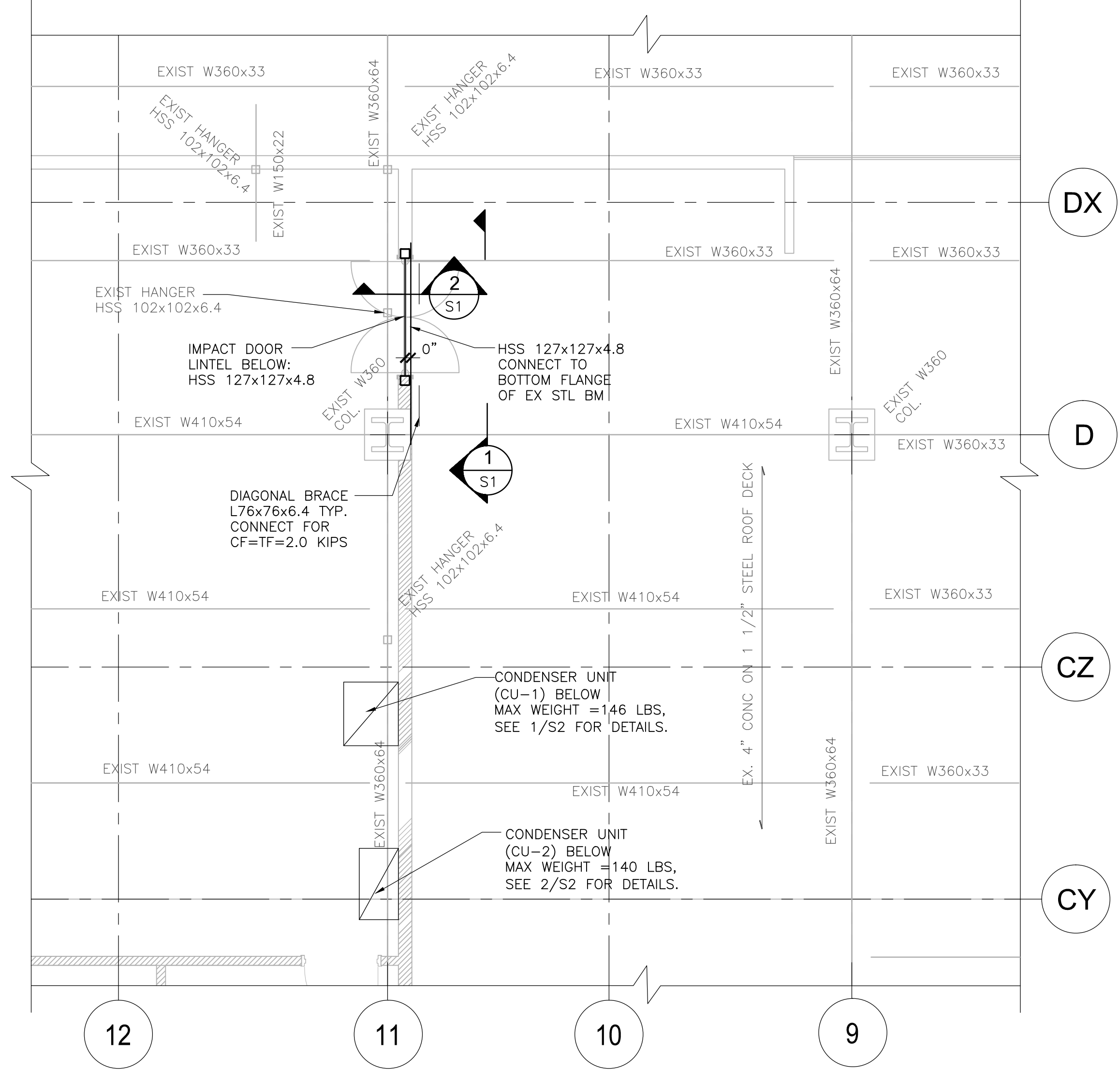
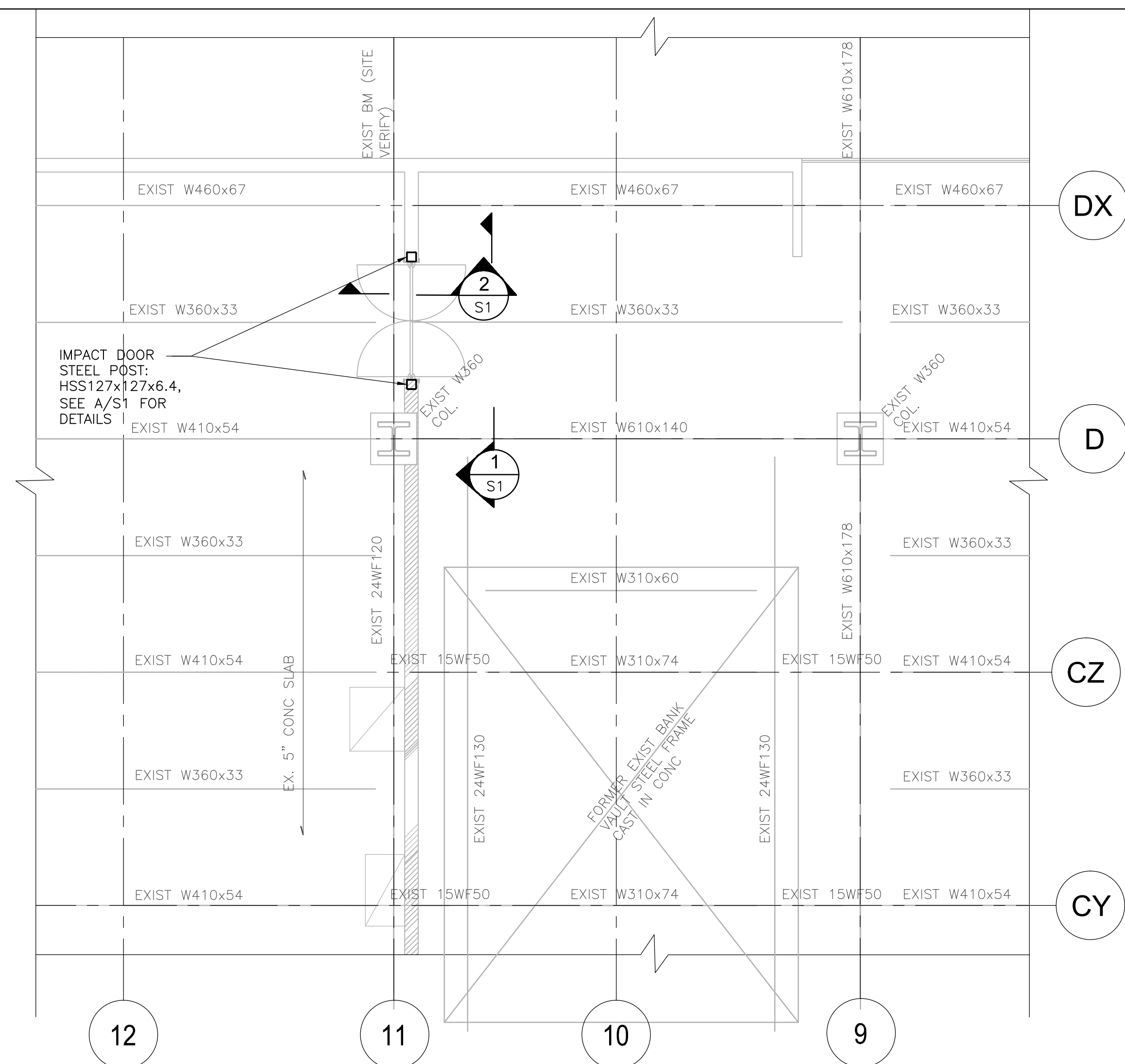
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Drawing Title

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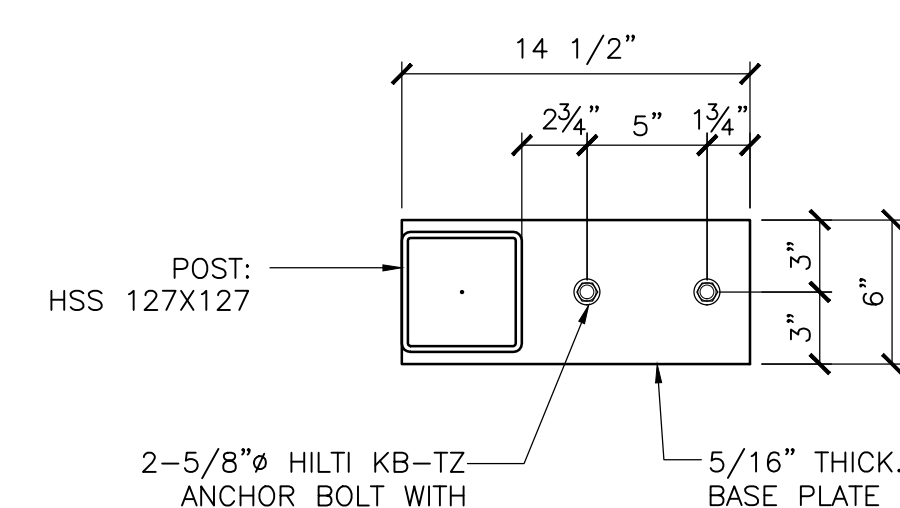
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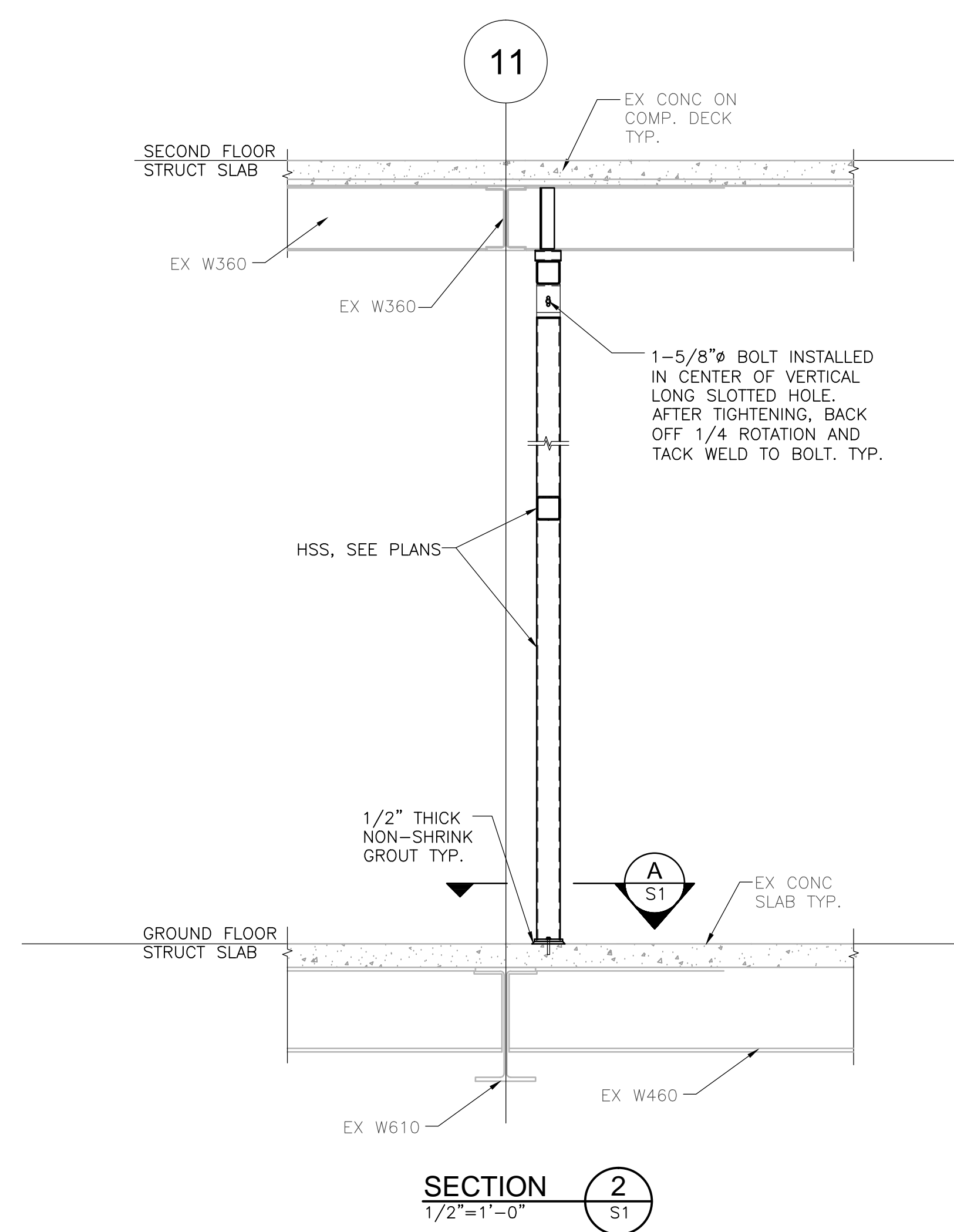
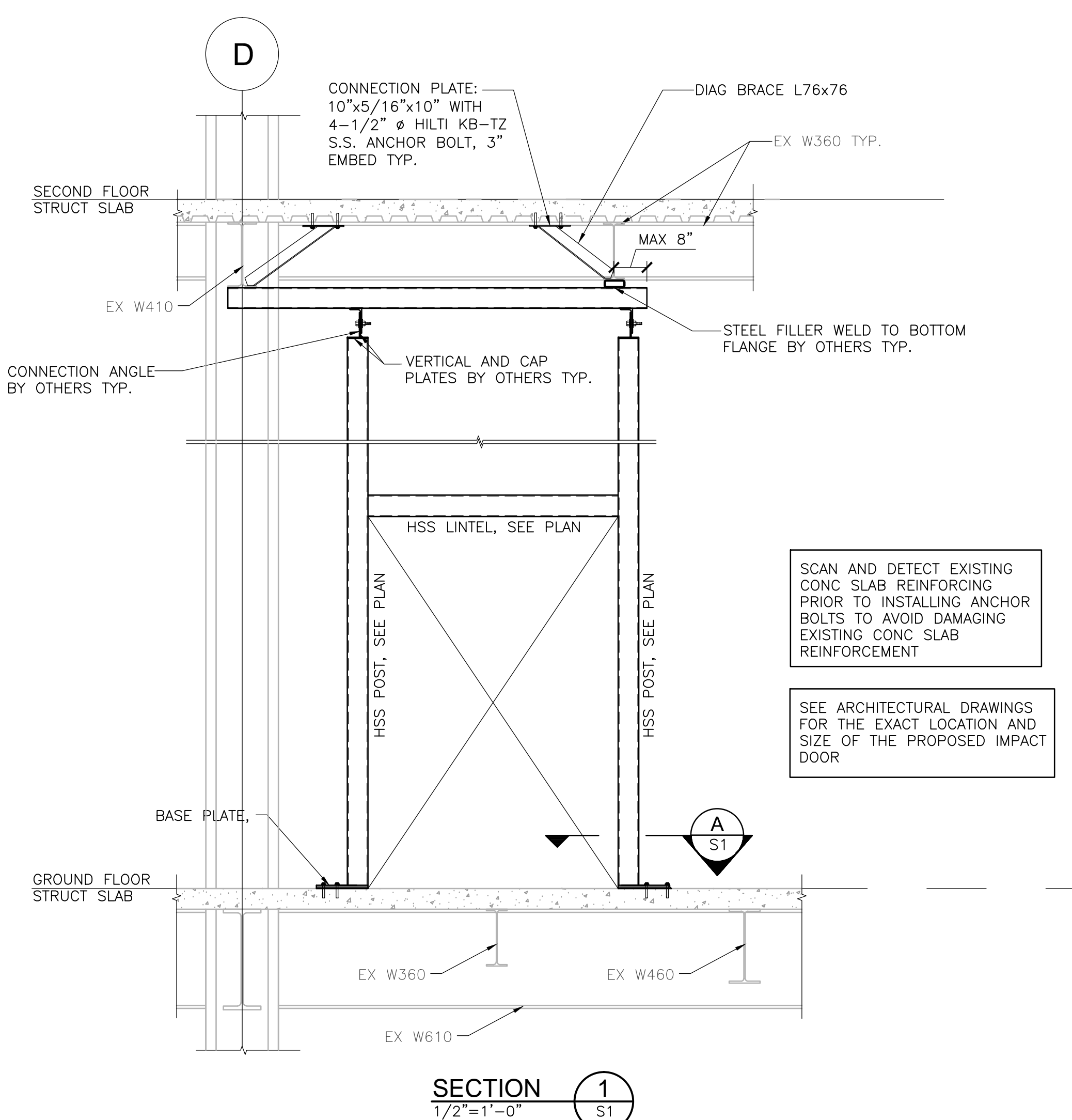
PART EXIST GROUND FLOOR - IMPACT DOOR FRAMING

- 1/4"=1'-0"
1. READ THIS DRAWING IN CONJUNCTION WITH GENERAL NOTES AND SECTIONS AND DETAILS.
 2. CONTRACTOR TO SITE VERIFY ALL EXISTING CONDITIONS (EXISTING CONDITIONS ARE ASSUMED), INCLUDING DIMENSIONS. REPORT ANY VARIATIONS TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.
 3. AS LISTED ON THE BASE BUILDING DRAWINGS, EXISTING DESIGN LOADS (UNFACTORED) ARE:
LIVE LOAD=200 PSF
 4. DESIGN ALL BEAM CONNECTION FOR THE FACTORED VERTICAL SHEAR FORCE NOTED ON PLAN. WHERE NO FORCE IS INDICATED, DESIGN THE CONNECTION FOR A VERTICAL SHEAR FORCE OF 5 KIPS.
 5. REFER TO GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
 6. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN HERE.
 7. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND SIZE OF THE NEW IMPACT DOOR.
 8. SUBMIT SHOP DRAWINGS FOR STRUCTURAL STEEL CONNECTIONS, SHOP DRAWINGS TO BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR DESIGN.



PART EXIST SECOND FLOOR - IMPACT DOOR FRAMING

- 1/4"=1'-0"
1. READ THIS DRAWING IN CONJUNCTION WITH GENERAL NOTES AND SECTIONS AND DETAILS.
 2. CONTRACTOR TO SITE VERIFY ALL EXISTING CONDITIONS (EXISTING CONDITIONS ARE ASSUMED), INCLUDING DIMENSIONS. REPORT ANY VARIATIONS TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.
 3. AS LISTED ON THE BASE BUILDING DRAWINGS, EXISTING DESIGN LOADS (UNFACTORED) ARE:
LIVE LOAD=100 PSF
 4. DESIGN ALL BEAM CONNECTION FOR THE FACTORED VERTICAL SHEAR FORCE NOTED ON PLAN. WHERE NO FORCE IS INDICATED, DESIGN THE CONNECTION FOR A VERTICAL SHEAR FORCE OF 5 KIPS.
 5. REFER TO GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
 6. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN HERE.
 7. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND SIZE OF THE NEW IMPACT DOOR.
 8. SUBMIT SHOP DRAWINGS FOR STRUCTURAL STEEL CONNECTIONS, SHOP DRAWINGS TO BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR DESIGN.



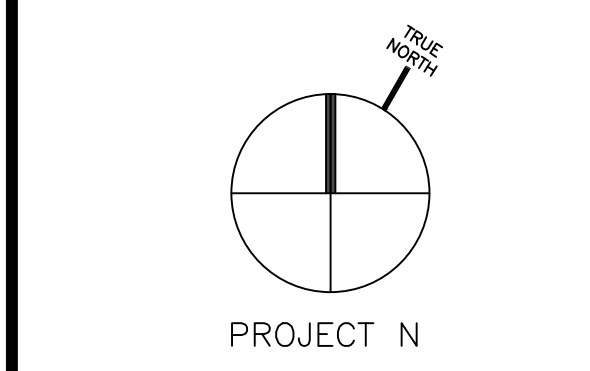
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- General Notes:**
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 5. USE THE LATEST REVISED DRAWINGS ONLY.
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4	Sept 10, 2020	Permit and Tender	WSP
3	Aug 28, 2020	Permit	WSP
2	Aug 13, 2020	90% Review	WSP
1	April 14, 2020	60% Review	WSP
Rev:	Date:	Description:	Initial

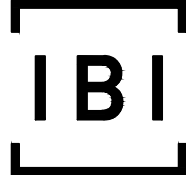


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Sept 10, 2020			
Issue Date:			
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Project No.:	Scale:	Drawn by:	Checked by:

LCBO Store No. 547
Interior Fit-Up
Ottawa, Ontario

Project:
IMPACT DOOR FRAMINGS AND DETAIL

Drawing Title:
S1
Sheet No.:



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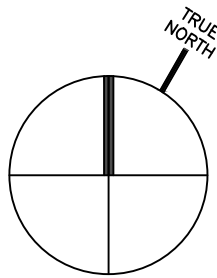
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PROJECT N

4	Sept 10, 2020	Permit and Tender	WSP
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Project No.:	Scale:	Drawn by:	Checked by:

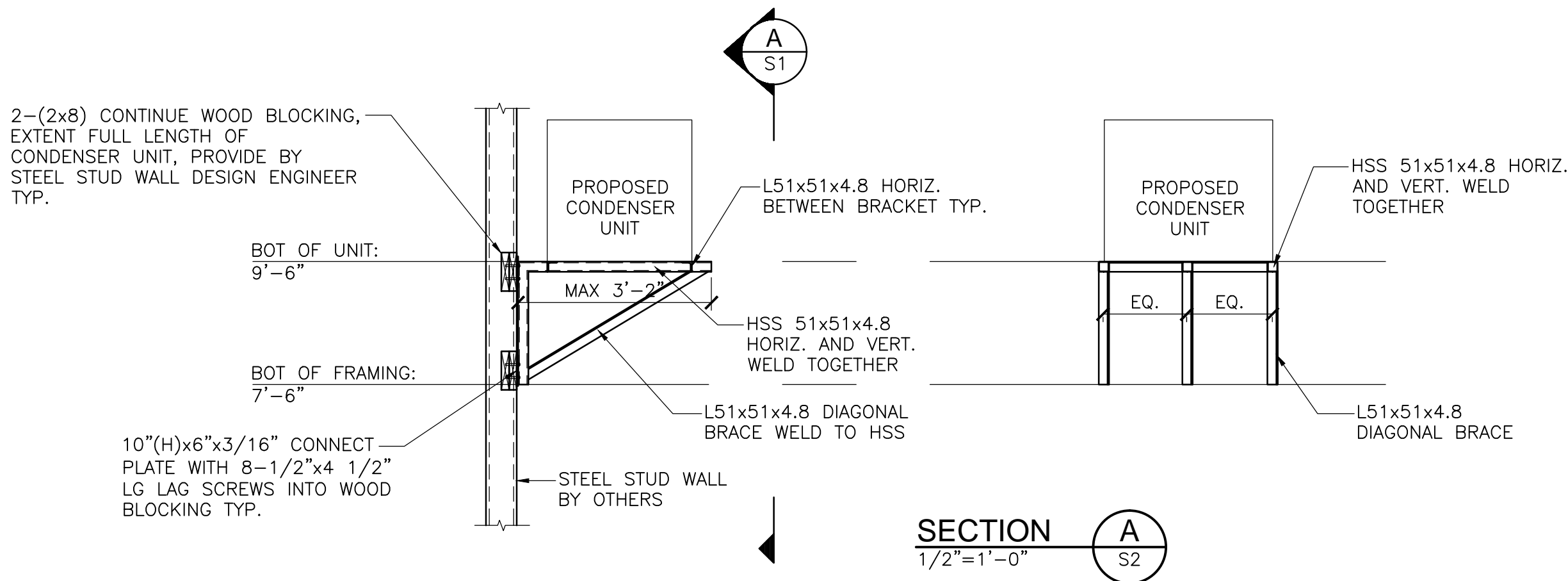
LCBO Store No. 547
Interior Fit-Up
Ottawa, Ontario

Project:
SECTIONS AND DETAILS

Drawing Title:

S2

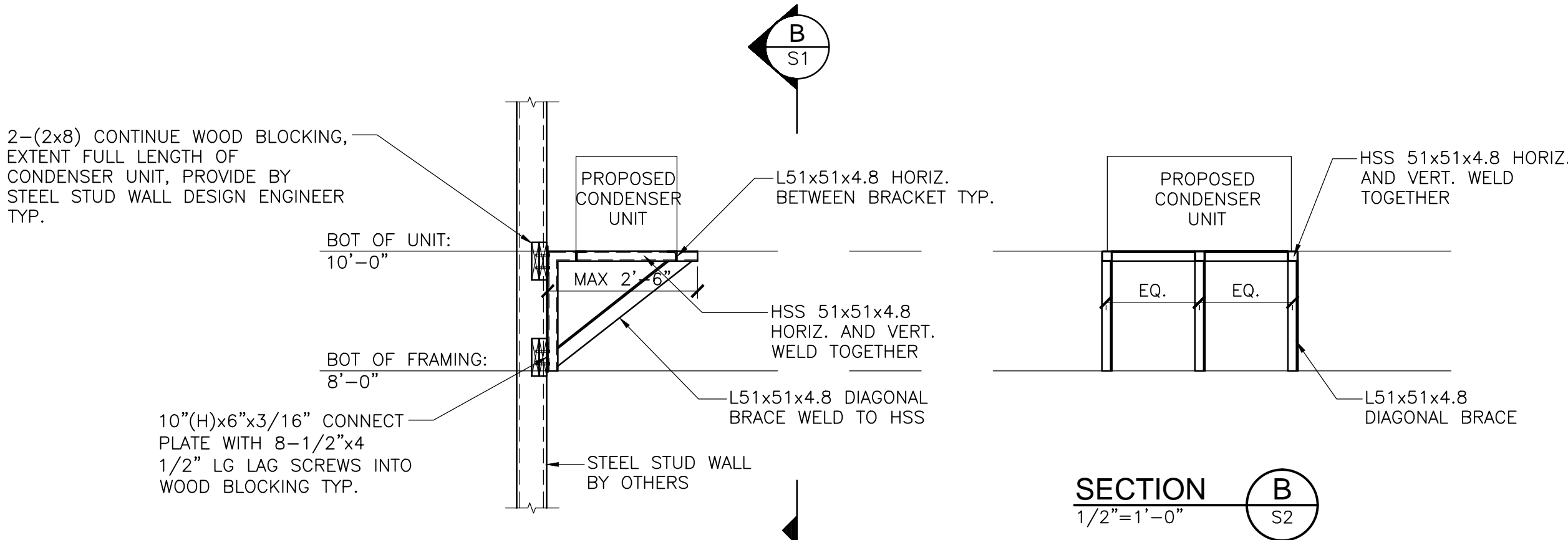
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NOTES:

- 1 THIS DETAIL APPLY TO CONDENSER UNIT CU-1 SUPPORT ON STEEL STUD WALLS, REFER TO PLAN FOR CONDENSER UNIT LOCATIONS.
2. THE INSTALLATIONS WILL BE PART OF "NEELANDS" SCOPE OF WORK.
3. CONNECTIONS FROM CONDENSER UNITS TO STRUCTURAL MEMBERS BY "NEELANDS."
4. REFER TO NEELANDS, MECHANICAL AND ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS OF CONDENSER UNITS.
5. STEEL STUD DESIGNER TO CONSIDER CONDENSER UNIT LOAD (GRAVITY AND MOMENT) WHEN SIZE STEEL STUD WALL AND WOOD BLOCKING.

SECTION 1
1/2"=1'-0"



NOTES:

- 1 THIS DETAIL APPLY TO CONDENSER UNIT CU-2 SUPPORT ON STEEL STUD WALLS, REFER TO PLAN FOR CONDENSER UNIT LOCATIONS.
2. THE INSTALLATIONS WILL BE PART OF "NEELANDS" SCOPE OF WORK.
3. CONNECTIONS FROM CONDENSER UNITS TO STRUCTURAL MEMBERS BY "NEELANDS."
4. REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS OF CONDENSER UNITS.
5. STEEL STUD DESIGNER TO CONSIDER CONDENSER UNIT LOAD (GRAVITY AND MOMENT) WHEN SIZE STEEL STUD WALL AND WOOD BLOCKING.

SECTION 2
1/2"=1'-0"


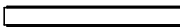







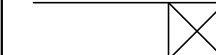










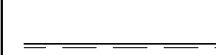

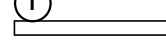





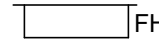
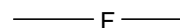
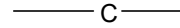

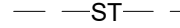
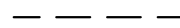
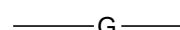
NEELANDS' SCOPE OF WORK






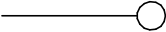
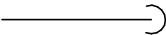





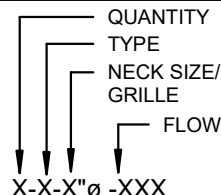

NEELANDS' SCOPE OF WORK

SCHEDULE OF EXISTING CEILING SUSPENDED AIR HANDLING UNITS																			
TAG	AREA SERVED	MANUFACTURER	MODEL NO.	VFD	MAKE-UP AIR	AIR FLOW	ESP (IN W.C.)	COOLING COIL				HEATING COIL				ELECTRICAL		REMARKS	
								TOTAL CAPACITY	SENSIBLE CAPACITY	EWT	LWT	COIL ROWS	HEATING CAPACITY	EWT	LWT	COIL ROWS	MCA		POWER (V/PH/Hz)
AHU-1	OFFICE	DAIKIN	HHBB108	No	100	400 CFM	0.5 in-wg	15600 Btu/h	10050 Btu/h	44 °F	54 °F	6	6600 Btu/h	108 °F	101 °F	2	2.0 A	208 / 3P / 60	EXISTING HORIZONTAL CEILING SUSPENDED BELT-DRIVEN AIR HANDLING UNIT CW CONDENSATE PUMP, CONDENSATE PIPE, VIBRATION ISOLATION, DRIP PAN, FILTER AND LOCAL DISCONNECT. INSTALL HONEYWELL VISION PRO 8000 THERMOSTAT.
AHU-2	RETAIL	DAIKIN	CAH012GDM	Yes	1350	5600 CFM	1 in-wg	169825 Btu/h	113523 Btu/h	44 °F	54 °F	5	165045 Btu/h	108 °F	87 °F	4	9.8 A	575 / 3P / 60	EXISTING HORIZONTAL CEILING SUSPENDED BELT-DRIVEN AIR HANDLING UNIT CW CONDENSATE PUMP, CONDENSATE PIPE, VIBRATION ISOLATION, REMOTE SENSOR, HUMIDISTAT, DRIP PAN, FILTER, LOCAL DISCONNECT, BAS INTERFACE AND CONNECT TO BASE BUILDING BAS BY BASE BUILDING BAS CONTRACTOR.
AHU-3	RETAIL	DAIKIN	HHBB112	No	0	900 CFM	0.5 in-wg	37441 Btu/h	24843 Btu/h	44 °F	54 °F	6	11863 Btu/h	108 °F	100 °F	2	2.6 A	208 / 3P / 60	EXISTING HORIZONTAL CEILING SUSPENDED BELT-DRIVEN AIR HANDLING UNIT CW CONDENSATE PUMP, CONDENSATE PIPE, VIBRATION ISOLATION, REMOTE SENSOR, HUMIDISTAT, DRIP PAN, FILTER, LOCAL DISCONNECT, BAS INTERFACE AND CONNECT TO BASE BUILDING BAS BY BASE BUILDING BAS CONTRACTOR.
AHU-4	WAREHOUSE	DAIKIN	HHBB108	No	300	650 CFM	0.5 in-wg	25557 Btu/h	17346 Btu/h	44 °F	54 °F	6	11863 Btu/h	108 °F	100 °F	2	2.1 A	208 / 3P / 60	EXISTING HORIZONTAL CEILING SUSPENDED BELT-DRIVEN AIR HANDLING UNIT CW CONDENSATE PUMP, CONDENSATE PIPE, VIBRATION ISOLATION, REMOTE SENSOR, HUMIDISTAT, DRIP PAN, FILTER, LOCAL DISCONNECT, BAS INTERFACE AND CONNECT TO BASE BUILDING BAS BY BASE BUILDING BAS CONTRACTOR.

Drawing List	
DRAWING NO.	SHEET NAME
M-1	MECHANICAL SPECS, DRAWING LIST, LEGEND & SCHEDULES
M-2	MECHANICAL DETAILS
M-3	HVAC LAYOUT
M-4	PLUMBING & DRAINAGE LAYOUT
M-5	FIRE PROTECTION CONCEPT LAYOUT

SPECIFICATION SECTIONS	
SECTION	DESCRIPTION
20 05 00	BASIC MECHANICAL
20 07 00	MECHANICAL INSULATION
20 05 15	SEISMIC CONTROL AND RESTRAINT
20 05 20	MECHANICAL VIBRATION CONTROL
21 13 00	FIRE SUPPRESSION SPRINKLER
21 22 00	FIRE EXTINGUISHERS
22 11 16	DOMESTIC WATER PIPING AND VALVES
22 11 19	DOMESTIC WATER PIPING SPECIALTIES
22 13 16	DRAIN AND VENT PIPING
22 33 00	ELECTRIC DOMESTIC HOT WATER HEATERS
22 42 00	PLUMBING FIXTURES AND FITTINGS
23 08 16	TESTING ADJUSTING AND BALANCING
23 23 00	REFRIGERANT PIPING AND ACCESSORIES
23 31 00	DUCTWORK AND ACCESSORIES
23 34 20	EXHAUST FANS
23 36 00	GRILLES AND DIFFUSERS

MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
	SQUARE CONE DIFFUSER
	LINEAR SLOT DIFFUSER
	ROUND CONE DIFFUSER
	RETURN AIR GRILLE
	SUPPLY FAN
	ROOF MOUNTED EXHAUST FAN
	UNIT HEATER
	SUPPLY DUCT DOWN
	RETURN/EXHAUST DUCT DOWN
	SUPPLY DUCT UP
	RETURN/EXHAUST DUCT UP
	TEMPERATURE SENSOR
	THERMOSTAT
	HUMIDISTAT
	CO2 SENSOR
	CONTROL WIRING
	BALANCING DAMPER
	SPLITTER DAMPER
	FIRE DAMPER
	ACOUSTICALLY LINED DUCT
	EXTERNALLY INSULATED DUCT
	
	BASEBOARD HEATER
	FIRE EXTINGUISHER
	SPRINKLER HEAD - PENDANT
	SPRINKLER HEAD - CONCEALED
	SPRINKLER HEAD - SEMI RECESSED
	SPRINKLER HEAD - UPRIGHT
	FIRE HOSE CABINET
	FIRE PIPING
	CONDENSATE PIPING
	BELOW GRADE SANITARY
	BELOW GRADE STORM
	VENT PIPING
	GAS PIPING

MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	CLEAN OUT (END OF PIPE)
	GAS METER
	GATE VALVE
	PIPE ELBOW UP
	PIPE ELBOW DOWN
	PIPE CAP
	P-TRAP
	FLOOR DRAIN w/ P-TRAP
	FUNNEL FLOOR DRAIN WITH P-TRAP
	ROOF DRAIN
CTE	CONNECT TO EXISTING
OED	OPEN END DUCT w/ WIRE MESH
	GRILL/DIFFUSER TAG
	EQUIPMENT TAG

SCHEDULE OF GRILLES AND DIFFUSERS (E.H. PRICE)					
EQUIPMENT ID	DIFFUSER TYPE	MODEL NUMBER	SIZE	FACTORY FINISH	DESCRIPTION
A	SQUARE SUPPLY AIR DIFFUSER	SCDA-24"x24"	AS SHOWN	TO ARCH. DIRECTION	4 CONE DIFFUSER, (1) DIFFUSER c/w SECTORIZING BAFFLE (QUADRANT BLANK). COLOR: WHITE
B	SUPPLY AIR GRILLE	520D	AS SHOWN	TO ARCH. DIRECTION	DOUBLE DEFLECTION. c/w STEEL DAMPER. COLOR: WHITE
C	EGG CRATE FACE RETURN	80F	AS SHOWN	TO ARCH. DIRECTION	ALUMINUM 1/2"x1/2" GRID CORE. COLOR: WHITE
D	EXHAUST AIR GRILLE	530D	AS SHOWN	TO ARCH. DIRECTION	3/4" BLADE SPACING, c/w STEEL DAMPER, T-BAR MOUNTED. COLOR: WHITE
F	DOOR GRILLE	STG1-BF	AS SHOWN	TO ARCH. DIRECTION	HEAVY DUTY STEEL WITH 1-5/16" FLAT BORDER BOTH SIDES. COLOR: GREY
G	DOOR GRILLE	1900A	AS SHOWN	TO ARCH. DIRECTION	1-1/2 HOUR FIRE RATED, ADJUSTABLE Z-BLADE LOUVERS. COLOR: GREY
J	RETURN AIR GRILLE	530	AS SHOWN	TO ARCH. DIRECTION	45 DEGREE DEFLECTION, FOR DRYWALL MOUNTING. COLOR: CO-ORDINATE WITH THE ARCHITECT.

NOTE: BALANCING DAMPERS TO BE LOCATED WITHIN CEILING SPACE SEPARATE FROM THE GRILLES AND DIFFUSERS FOR VOLUME CONTROL UNLESS OTHERWISE NOTED

SCHEDULE OF FANS												
EQUIPMENT ID	AREA SERVED	WEIGHT	SERVICE	MANUFACTUR-ER	FAN TYPE	MODEL NUMBER	AIR FLOW	E.S.P	FAN RPM	FAN (HP)	POWER SUPPLY (V/Ph/Hz)	DESCRIPTION
CF-1, CF-2, CF-3	WAREHOUSE	18 lb	RE-CIRCULATION	PLEASANTAIRE	CEILING MOUNTED	CP-56 C&P			310		120/ 1P/ 60	DOWN DRAFT RE-CIRCULATION FAN SHALL BE SIMILAR TO "PLEASANTAIRE" CP-56 C&P (DOWNDRAFT ONLY) WITH PLUG-IN. THESE FANS SHALL BE MOUNTED WITH BLADES NO LOWER THAN BOTTOM OF STEEL & SHALL BE CONTROLLED BY VARIABLE SPEED CONTROLLERS. CONTRACTOR TO SUPPLY AND INSTALL RE-CIRCULATION FANS AND SUPPLY VARIABLE SPEED CONTROLLER. LINE VOLTAGE TO FAN AND CONTROLLER, INSTALLATION OF SPEED CONTROLLER BY ELECTRICAL CONTRACTOR. FAN SHALL BE INSTALLED ABOVE LIGHTING. (TYPICAL)
EF-1	STAFF ROOM	15 lb	EXHAUST	GREENHECK	CEILING MOUNTED	SP-A190	150 CFM	0.5 in-wg	900	0.075	120/ 1P/ 60	PROVIDE NEW CEILING MOUNTED EXHAUST FAN C/W EXTERNAL DISCONNECT, ACOUSTICAL INSULATION, BACKDRAFT DAMPER, HORIZONTAL DISCHARGE, ALUMINUM WHITE GRILLE. FILTER, HANGING VIBRATION ISOLATORS, CONTROL RELAY. PROVIDE 15 MIN. TIMER WITH NO HOLD. VERIFY LOCATION OF TIMER IN STAFF ROOM WITH LCBG COORDINATOR. TIMER SHALL BE AIR KING TIMER SWITCH MODEL# AK175. TIMER SHALL BE WHITE COLOUR C/W WHITE WALL PLATE. COORDINATE WITH ARCHITECT AND LCBG FOR EXACT COLOUR.
EF-2	WASHROOMS	41 lb	EXHAUST	GREENHECK	INLINE DIRECT DRIVE	SQ-80	200 CFM	0.5 in-wg	1550	0.06	120/ 1P/ 60	PROVIDE NEW IN-LINE EXHAUST FAN C/W ECM MOTOR. EXTERNAL DISCONNECT SWITCH, ACOUSTICAL INSULATION AND GRAVITY BACKDRAFT DAMPER. MOTOR SHALL BE SPEED CONTROLLABLE BY A POTENTIOMETER DIAL MOUNTED AT THE MOTOR. CONNECT EXHAUST FAN TO OCCUPANCY LIGHT SWITCH. REFER TO ELECTRICAL FOR DETAIL.
EF-3	JANITOR ROOM	15 lb	EXHAUST	GREENHECK	CEILING MOUNTED	SP-A190	100 CFM	0.5 in-wg	900	0.075	120/ 1P/ 60	PROVIDE NEW CEILING MOUNTED EXHAUST FAN C/W EXTERNAL DISCONNECT, ACOUSTICAL INSULATION, BACKDRAFT DAMPER, HORIZONTAL DISCHARGE, ALUMINUM WHITE GRILLE, FILTER AND HANGING VIBRATION ISOLATORS. EXHAUST FAN SHALL RUN CONTINUOUSLY.
EF-4	WAREHOUSE	80 lb	GENERAL EXHAUST	COOK	INLINE BELT-DRIVE FAN	120SQN-B	1200 CFM	0.5 in-wg	1508	0.286	575/ 3P/ 60	EXISTING GENERAL EXHAUST INLINE FAN, INTERLOCKED WITH THE BASE BUILDING MAKE-UP AIR UNIT.

1. HVAC CONTRACTOR SHALL INSULATE ALL EXHAUST DUCTS WITH 1" THERMAL INSULATION FOR THE LAST 10' BEFORE LEAVING THE BUILDING. INSTALL BACK DRAFT DAMPER AT ROOF.
2. FLEXIBLE DUCT CONNECTIONS SHALL BE PROVIDED ON INTAKE AND DISCHARGE DUCTS AT FAN AND SHALL BE DURO-DYNE OR EQUIVALENT, ULC APPROVED.

SCHEDULE OF BASEBOARD HEATERS						
EQUIPMENT ID	AREA SERVED	MANUFACTURER	MODEL NUMBER	KW	POWER SUPPLY	DESCRIPTION
BBH-1	STAFF ROOM	OUELLET	OFM 1002	1	120/1P/60	c/w BUILT IN THERMOSTAT w/ KNOB, SUPPLIED AND INSTALLED BY MECHANICAL CONTRACTOR, POWER CONNECTION BY ELECTRICAL CONTRACTOR

DOMESTIC WATER HEATER SCHEDULE								
EQUIPMENT ID	AREA SERVED	MANUFACTURER	MODEL NUMBER	RECOVERY RATE	KW	VOLTAGE	PHASE	DESCRIPTION
HWT-1	WASHROOM, STAFF ROOM, EYEWASH, JANITOR ROOM	A.O. SMITH	DEL-30-3.0	12 GPH @ 100F TEMPERATURE RISE	3	208	1	

PLUMBING FIXTURE SCHEDULE	
PLUMBING FIXTURE	FIXTURE DESCRIPTION
EYE WASH STATION	EYEWASH SHALL BE GUARDIAN MODEL # G5022 EYEWASH/DRENCH HOSE UNIT c/w TWO PLATED AERATOR HEADS, EACH HEAD HAS A FLIP TOP DUST COVER, INTERNAL FLOW CONTROL AND FILTER, FORGED BRASS SQUEEZE VALVE WITH STAINLESS STEEL LEVER HANDLE, 8" REINFORCED PVC HOSE WITH 300 PSI MAXIMUM WORKING PRESSURE, NPS 3/8" SUPPLY AND NPS 3/8" STAY OPEN BALL VALVE. SHALL BE COUNTER MOUNTED FACING FORWARD, c/w HOSE GUIDE OPTION. MIXING VALVE SHALL BE BRADLEY MODEL #5519-2000 PACKAGED WATER BLENDING SYSTEM, MIXING DOME/COLD AND HOT WATER TO MAINTAIN SET OUTLET TEMPERATURE OF 25C - 30C. REFER TO SPEC. SECTION 22 42 00 FOR FULL SPECIFICATION.
JANITOR SINK	JANITOR SINK SHALL BE ATLANTIC STAINLESS FABRICATORS LTD. OR APPROVED ALTERNATES, FLOOR MOUNTED SINK, MINIMUM 1 2 M LONG X 610 MMX254 MM DEEP. CONSTRUCTED OF 16 GAUGE TYPE 304 STAINLESS STEEL WITH A # 4 FINISH AND COMPLETE WITH A 75 MM DIA. CORNER STANDING WASTE WITH 254 MM HIGH PERFORATED REMOVABLE CORNER GUARD WITH CLIPS. SUPPLY FITTING SHALL BE CHICAGO FAUCET MODEL # 305VB-RX-HOSE-58 200 MM CENTRESET WALL MOUNT FAUCET ASSEMBLY WITH BRASS LEVER HANDLES, VACUUM BREAKER, INTEGRAL STOPS, AND 1800 MM OF HOSE WITH HANGER. REFER TO SPEC. SECTION 22 42 00 FOR FULL SPECIFICATION.
LAVATORY	BARRIER FREE LAVATORY SHALL BE AMERICAN STANDARD # 0955.000.059.20 "MURRO" BASIN WITH SEALED OVERFLOW, 4" CENTERS, 22"x21-1/4"x6-1/2" HIGH, WITH CENTER HOLE, VITREOUS CHINA, WALL HUNG, FOR COUNTER WITH CONCEALED ARMS, REAR OVERFLOW, RECESSED SELF DRAINING FAUCET LEDGE, SEMI-PEDESTAL P-TRAP COVER. FAUCET SHALL BE CHICAGO FAUCETS MARATHON # 2200 SINGLE LEVER FAUCET, CENTRE HOLE ONLY, CAST BRASS BODY, 2.2 GPM (8.3 LPM) MAX FLOW AERATOR OUTLET, 4-3/4" LONG CAST SPOUT, LEVER HANDLE, ADJUSTABLE VOLUME CONTROL. DRAIN -MCGUIRE # 155AC OPEN GRID DRAIN, SUPPLY-MCGUIRE # H170BVRB, P-TRAP-MCGUIRE # 8872CBSAN, CARRIER JAY R. SMITH # 0700-Z-M-B. REFER TO SPEC. SECTION 224200 FOR FULL SPECIFICATION.
STAFF ROOM SINK	LUNCH ROOM COUNTERSINK SHALL BE FRANKIE KINRED CANADA LTD. # QSL2020H " STEEL QUEEN" UNDERCOATED, SINGLE 460MMX410MMX200MM DEEP BOWL. COUNTER SINK CONSTRUCTED OF # 20 GAUGE GRADE 18-8 STAINLESS STEEL WITH A MIRROR FINISHED RIM AND SATIN FINISHED BOWL. SUPPLY FITTING: SYMMONS # 5-23-LST "SYMMETRIX" 200 MM CENTER SINGLE LEVER HANDLE KITCHEN SINK FAUCET WITH SWING SPOUT WITH AERATOR AND LONG SUPPLY TUBS. REFER TO SPEC. SECTION 22 42 00 FOR FULL SPECIFICATION.
WATER CLOSET	BARRIER FREE WATER CLOSET SHALL BE ZURN Z5560 "ECOVANTAGE" WHITE VITREOUS CHINA WATER CLOSET COMBINATION WITH ELONGATED LOW CONSUMPTION (6L) BOWL WITH PRESSURE - ASSISTED SIPHON JET FLUSHING ACTION, FULLY GLAZED 54 MM DIA. BALLPAST TRAPWAY, 25972-COMB (CLOSET BOLT & WAX RING KIT), AND A CLOSURE-COUPLED FLUSH TANK WITH CHROME WATER AND TANK/BOWL CO-OR LING SYSTEM, PROVIDE FOLLOWING ACCESSORIES: A. SEATS: ZURN Z55785-SL ELONGATED, SOLID PLASTIC OPEN FRONT WHITE SEAT WITH COVER AND CHECK WEDGE B. SUPPLY: MCGUIRE # H166NS CHROME PLATED ANGLE SUPPLY WITH WHEELHANDLE STOP AND FLEXIBLE RISER REFER TO SPEC SECTION 22 42 00 FOR FULL SPECIFICATION.

MINIMUM PLUMBING FIXTURE OUTLET PIPE SIZE					
PLUMBING FIXTURE	DCW SIZE	DHW SIZE	SANITARY SIZE	VENT	TEMPERED WATER
EYE WASH STATION					1/2"
JANITOR SINK	1/2"	1/2"	3"	1 1/2"	
LAVATORY	1/2"	1/2"	1 1/2"	1 1/2"	
STAFF ROOM SINK	1/2"	1/2"	3"	1 1/2"	
WATER CLOSET	1/2"		3"	1 1/2"	

SCHEDULE OF CIRCULATION PUMP FOR CONDENSING UNIT							
TAG	LOCATION	MODEL	FLOW (GPM)	HEAD (FT OF WC)	MOTOR (BHP)	POWER	REMARKS
CP-1	WAREHOUSE	XYLEM ECOCIRC 19-16	2.4 GPM	7 FT OF WC	0.114	120V/1P /60HZ	PROVIDE NEW CIRCULATION PUMP FOR THE CONDENSING UNIT. O/W REQUIRED SUPPORT, PIPING AND ASSOCIATED VALVES. INSTALL THE PUMP AS PER THE MANUFACTURER'S RECOMMENDATION. INTERLOCK THE PUMP WITH THE ASSOCIATED CONDENSING UNIT.

SCHEDULE OF FORCED FLOW HEATERS						
UNIT NO.	AREA SERVED	MANUFACTURER	MODEL NO.	DIMENSIONS (APPROX.)	CAPACITY	(V/PH/Hz) REMARKS
FFH-1	VESTIBULE	OUELLET	OAC08006-t	32"x22 1/16"x5"	8000 W	600/1/60 PROVIDE NEW WALL TYPE SURFACE MOUNTED FORCED FLOW HEATER C/W REMOTE WALL MOUNTED TEMPERATURE SENSOR, CONTROL RELAY, PROVIDE NEW WALL TYPE SURFACE MOUNTED FORCED FLOW HEATER C/W REMOTE WALL MOUNTED TEMPERATURE SENSOR, CONTROL RELAY AND DISCONNECT. SUPPLY AND INSTALL HONEYWELL VISION PRO 8000 THERMOSTAT. COLOR TO MATCH WALL. CO-ORDINATE COLOR WITH THE ARCHITECT.

REQUIRED DOCUMENTATION FOR SUBSTANTIAL PERFORMANCE & FINAL GENERAL CONFORMANCE LETTERS - LCBO:

1. AIR BALANCING REPORT
2. NFPA 13 CONFORMANCE LETTER, SEALED BY GC RETAINED PROFESSIONAL ENGINEER
3. NFPA 14 CONFORMANCE LETTER, SEALED BY GC RETAINED PROFESSIONAL ENGINEER
4. SEISMIC ENGINEERS SIGN-OFF, SEALED BY GC RETAINED PROFESSIONAL ENGINEER

SCHEDULE OF DUCT MOUNTED FUSIBLE LINK FIRE DAMPERS

1. CURTAIN BLADE TYPE, DYNAMIC, GALVANIZED STEEL (UNLESS OTHERWISE SPECIFIED) FUSIBLE LINK DAMPERS, U.L.C CLASSIFIED TO STANDARD CANULCO 512 AND CONFORMANCE WITH NFPA 90A REQUIREMENTS, FACTORY TESTED FOR CLOSURE UNDER AIR FLOW, 1 1/2 HOUR OR 3 HOUR RATE AS REQUIRED AND COMPLETE WITH A CONSTANT FORCE TYPE 301 STAINLESS STEEL CLOSURE SPRING, BLADE LOCK ASSEMBLY, STEEL SLEEVE, AND UNLESS OTHERWISE SPECIFIED, A 74 OC RATED STANDARD FUSIBLE LINK. WHERE FIRE DAMPERS ARE INSTALLED, ENSURE ACCESS OPENINGS ARE INSTALLED AS PER CBC.
2. FUSIBLE LINK DAMPERS ARE TO BE TYPE 'B' OR TYPE 'C' (AS REQUIRED) WITH THE FOLDED CURTAIN BLADE OUT OF THE AIR STREAM EXCEPT WHERE DAMPER SIZE OR LOCATION REQUIRES THE USE OF TYPE 'A' DAMPERS WITH THE CURTAIN BLADE IN THE AIR STREAM.
3. ACCEPTABLE MANUFACTURERS ARE: RUSKIN MANUFACTURING, NAILOR INDUSTRIES INC. OR APPROVED ALTERNATE



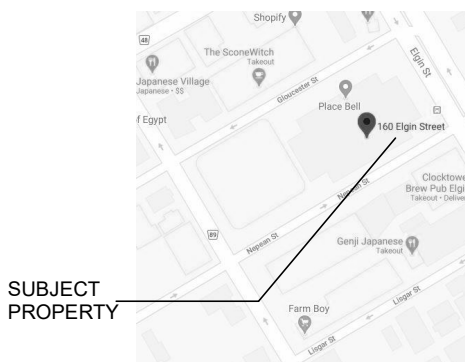
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Ottawa ON



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f: 905-475-5994

Context Plan



General Notes

1. ALL DIMENSIONS IN IMPERIAL.
2. VERIFY ALL DIMENSIONS.
3. DO NOT SCALE DRAWINGS
4. CHECK DRAWINGS AGAINST SPECIFICATIONS.
5. USE THE LATEST REVISED DRAWINGS ONLY.
6. REPORT ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SCHEDULES, DISCOVERED ERRORS, OR OMISSIONS, TO THE ARCHITECT AND LCBQ DURING TENDER PERIOD BEFORE PROCEEDING WITH ANY WORK.
7. DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ARCHITECT, AND MUST BE RETURNED UPON COMPLETION OF WORK.
8. TO VIEW A LIST OF BIDDERS FOR THIS PROJECT, PLEASE GO TO: WWW.BIDDINGO.COM/LCBQ

5	Sep 11, 2020	Issued For Permit & Tender	RD
4	Aug 12, 2020	90% Drawing Review	RD
3	Jul 28, 2020	60% Drawing Review-2	RD
2	Apr 14, 2020	60% Drawing Review	RD
1	Apr 01, 2020	30% Drawing Review	RD
Rev.	Date	Description	Initial

Rev.	Date	Description	Initial
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Issued For Permit & Tender

Sep 11, 2020

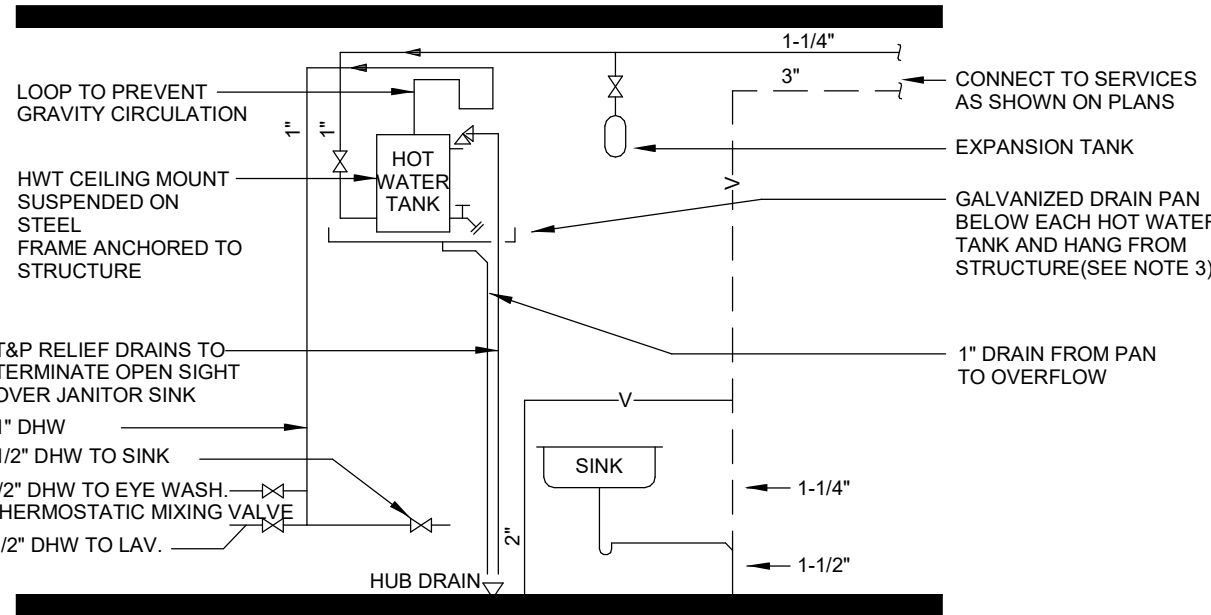
Issue Date:			
17M-02500-F1	As indicated	RD	FL
Project No.:	Scale:	Drawn By:	Checked By:

LCBO Store No. 547
Ottawa, ON
Interior Fit-up

MECHANICAL SPECS, DRAWING LIST, LEGEND & SCHEDULES

M-1

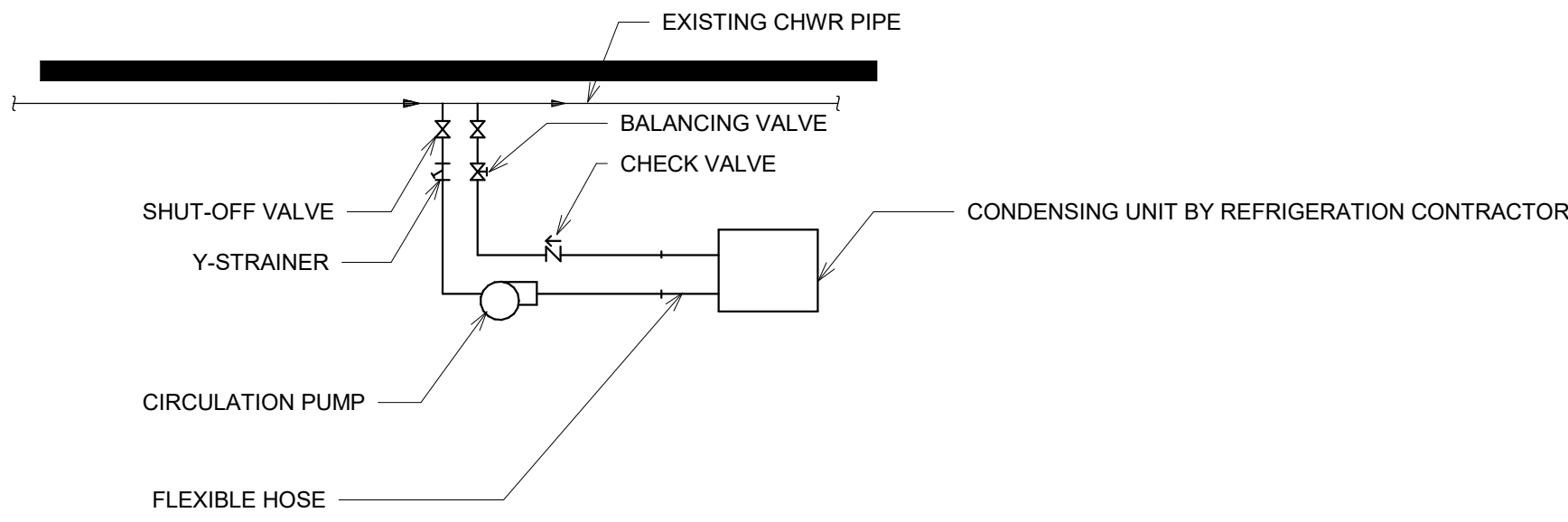
Sheet No. _____



- NOTES:
1. FOR EXACT LOCATION OF FIXTURES REFER TO ARCHITECTURAL DRAWINGS.
 2. 20 GAUGE GALVANIZED STEEL DRIP PAN WITH 1" (25mm) UPTURNED EDGE, BOLTED TO 1"x1"x1/4" ANGLE IRON CROSS-BRACING HUNG BY 3/8"Ø THREADED STEEL RODS C/W LOCKING WASHERS AND NUTS AT EACH CORNER, ATTACHED TO STRUCTURE AND SUSPENDED FROM OPEN WEB STEEL JOISTS.
 3. INSTALL HOT WATER TANK AS PER M-4 FOR INSTALLATION ELEVATION.

1 HOT WATER TANK DETAIL

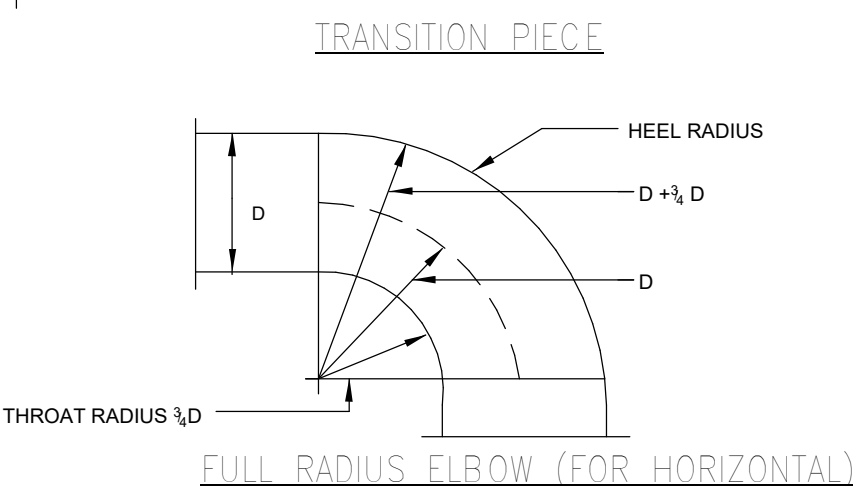
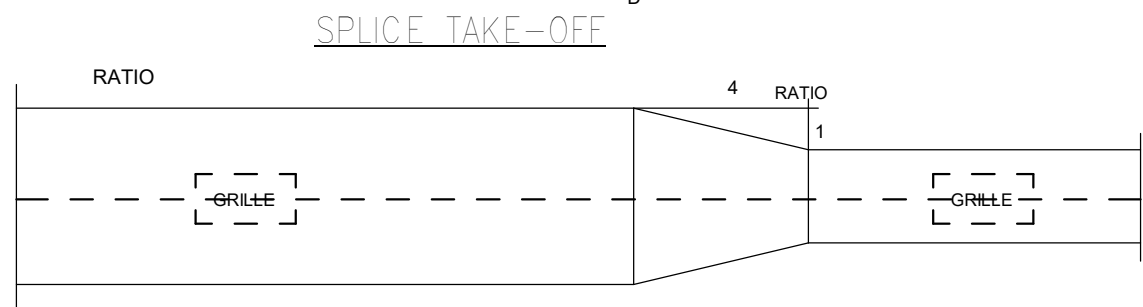
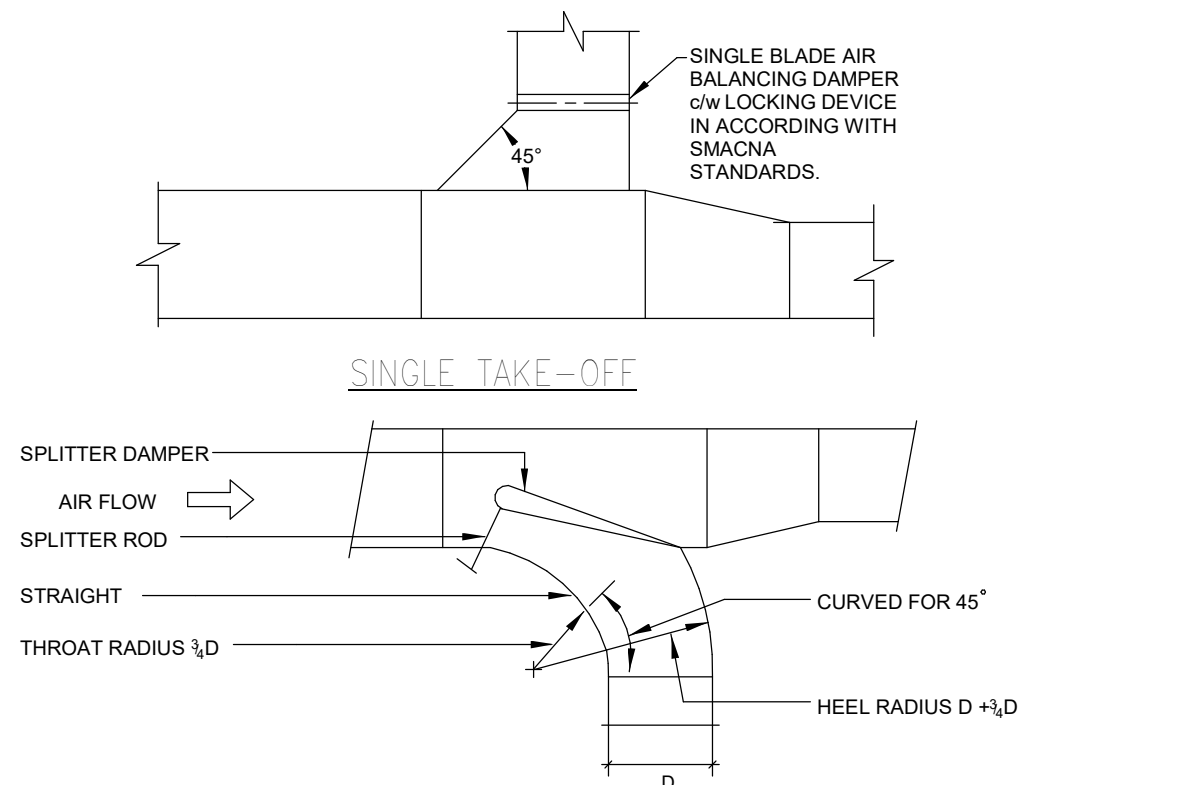
SCALE: N.T.S



- NOTES:
1. WATER VELOCITIES THROUGH THE CONDENSER SHOULD NOT EXCEED 7 FPS AND CONDENSER SHALL BE FED FROM THE DISCHARGE SIDE OF THE PUMP. CONTRACTOR SHALL BALANCE THE SYSTEM TO THE REQUIRED FLOW AND CO-ORDINATE WITH THE REFRIGERATION CONTRACTOR.
 2. CONTRACTOR TO PROVIDE (2) SHUT OFF VALVES, (1) Y-STRAINER AND (1) AUTOMATIC BALANCING VALVES ALONG WITH THE REQUIRED PIPING.
 3. FLEXIBLE HOSES, SUPPORT FOR THE PUMP AND PIPES AND ANY OTHER ACCESSORY REQUIRED TO COMPLETE THE INSTALLATION.
 4. CONDENSING UNIT SUPPLY AND INSTALLATION BY REFRIGERATION CONTRACTOR.

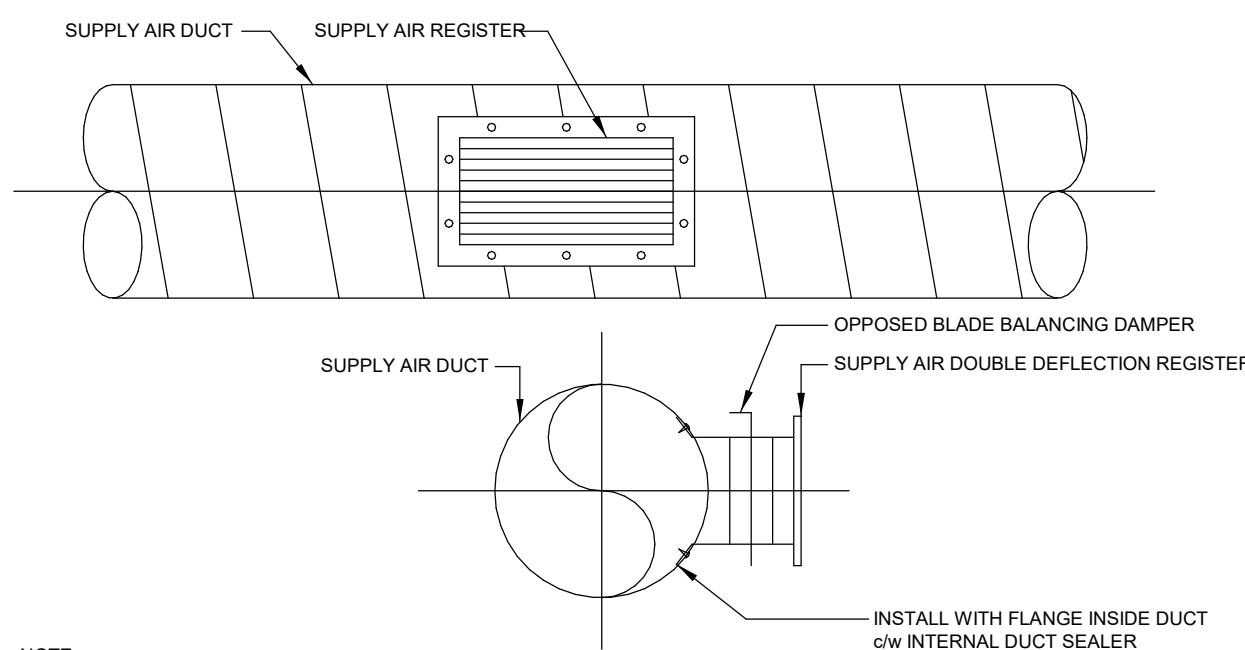
4 CIRCULATION PUMP FOR CONDENSING UNIT DETAILS

SCALE: 12" = 1'-0"



2 DUCT DETAIL

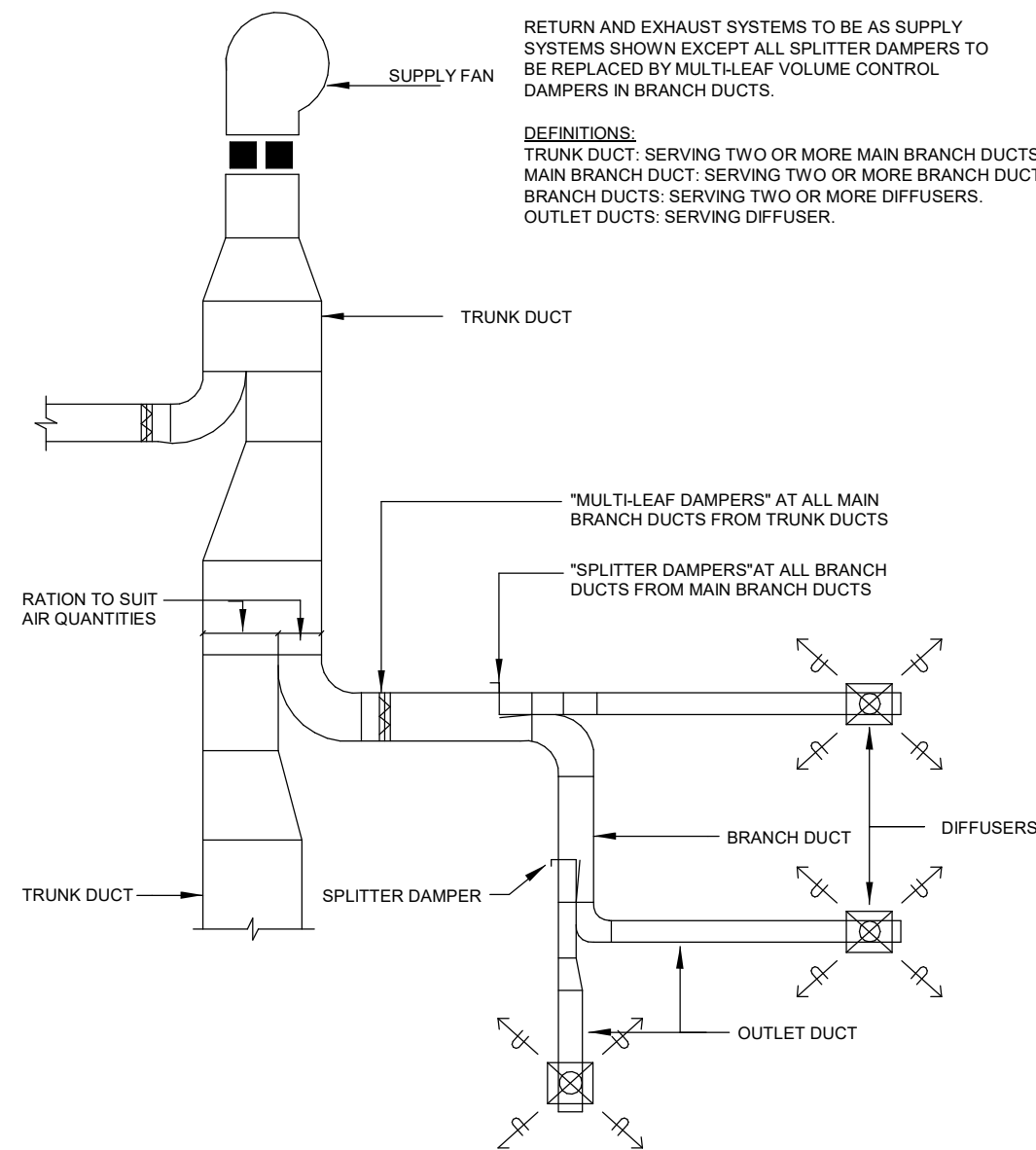
SCALE: N.T.S



NOTE: FRONT BLADE SHALL BE ADJUSTED 45° DOWN TOWARD GROUND.

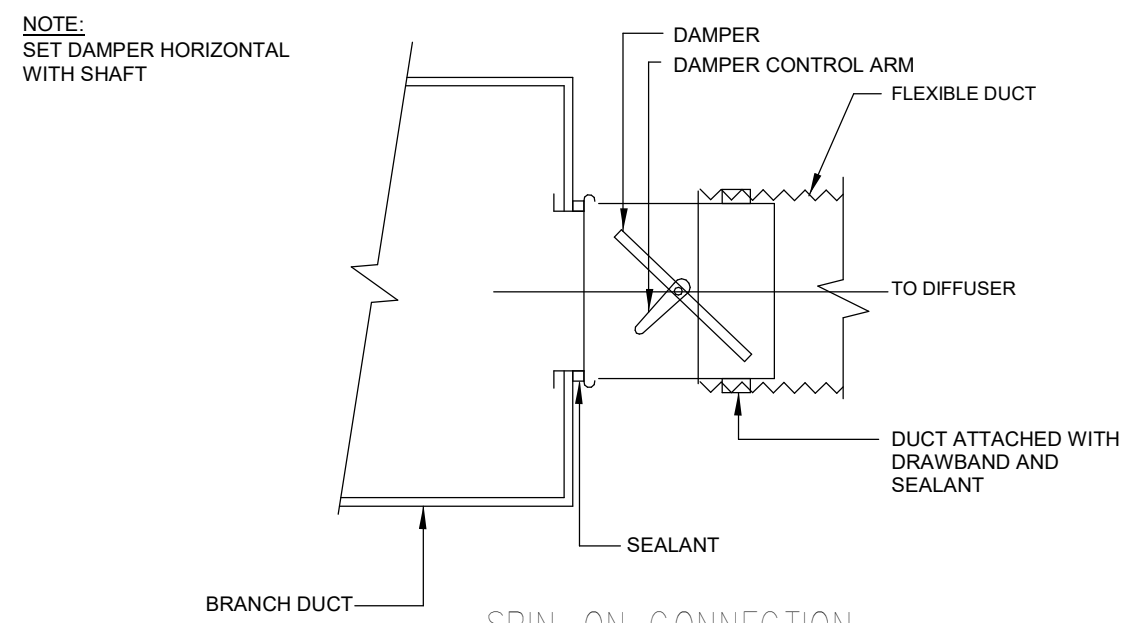
3 GRILLE ON SPIRAL DUCT DETAIL

SCALE: N.T.S



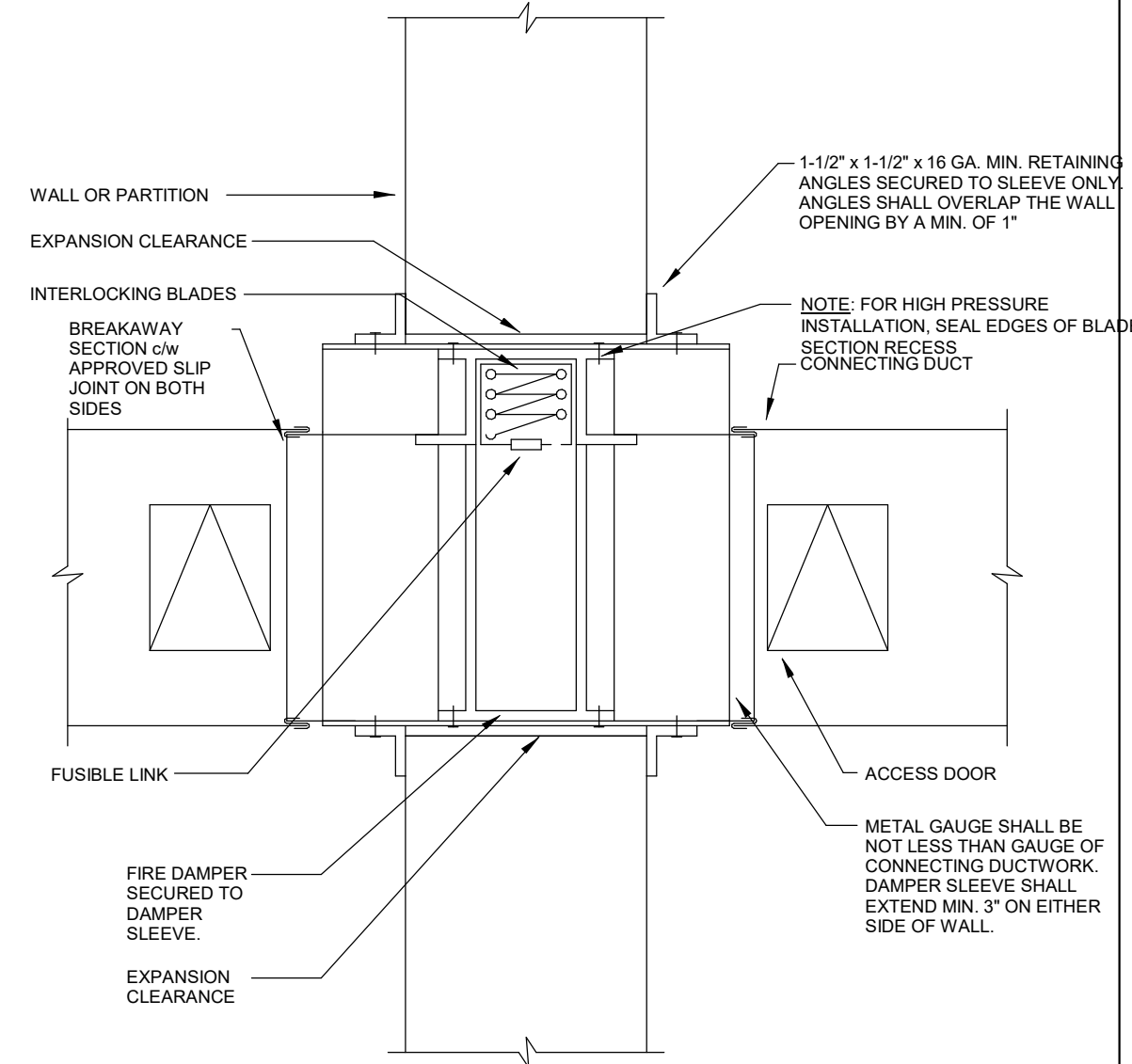
5 BALANCING DAMPER DETAIL

SCALE: N.T.S



6 DUCT CONNECTION DETAIL

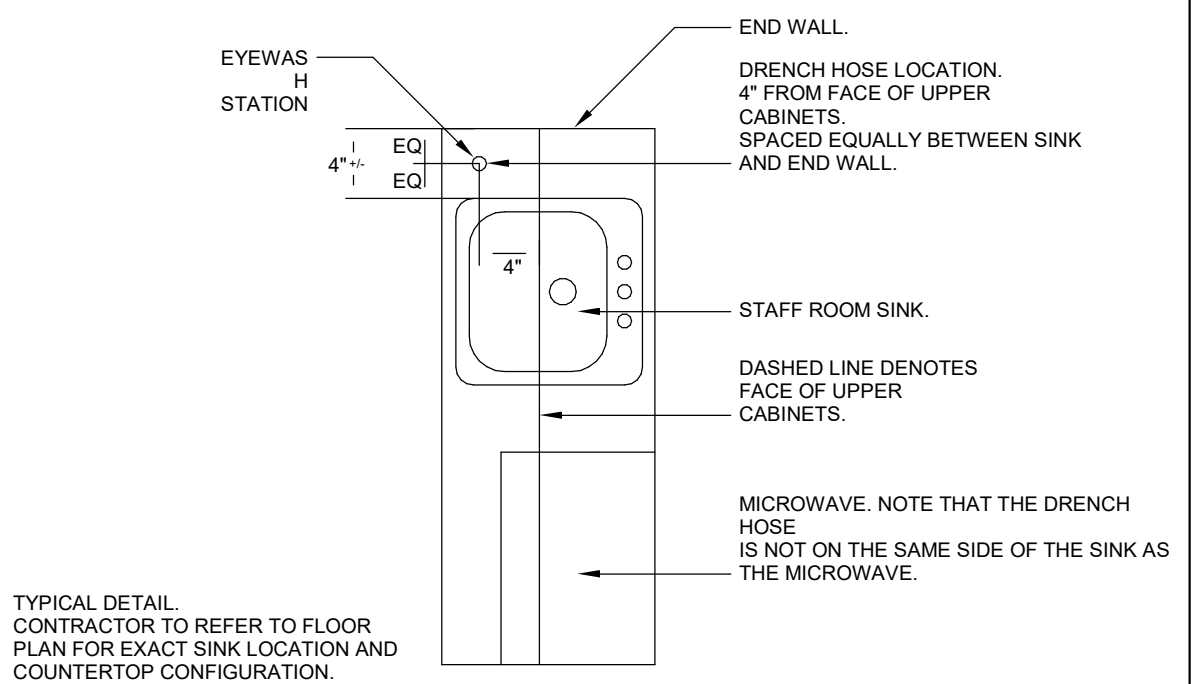
SCALE: N.T.S



- NOTES:
1. HORIZONTAL INSTALLATION SHALL BE SIMILAR, BUT DAMPER SHALL BE C/W S.S. CLOSURE SPRING.
 2. SEAL BREAKAWAY SECTIONS AFTER INSTALLATION. FOR HIGH PRESSURE INSTALLATIONS, PROVIDE DUCT TAPE ON JOINTS AFTER SEALING.
 3. PROVIDE ACCESS DOORS IN CONNECTING DUCT AS REQUIRED FOR MAINTENANCE.

11 FIRE DAMPER DETAIL

SCALE: N.T.S

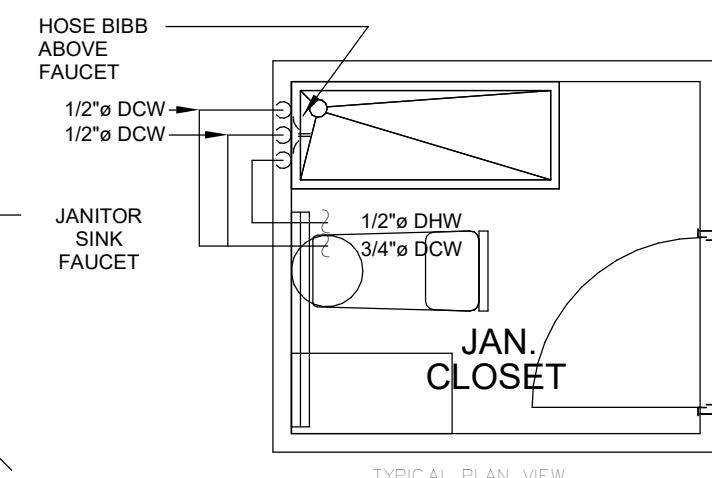
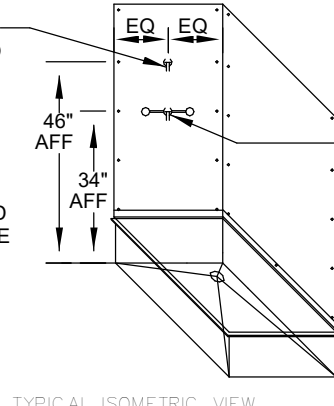


TYPICAL DETAIL. CONTRACTOR TO REFER TO FLOOR PLAN FOR EXACT SINK LOCATION AND COUNTERTOP CONFIGURATION.

12 TYPICAL EYEWASH (DRENCH HOSE) LOCATION DETAIL

SCALE: N.T.S

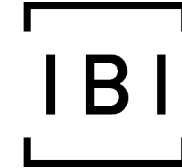
PROVIDE NEW HOSE BIBB AND CONNECT TO AQUEOUS OZONE SYSTEM. HOSE BIBB SHALL BE WATTS S SERIES CAST BRASS C/W SEPARATE TAMPER-PROOF VACUUM BREAKER AND ESCUTCHEON. MUST BE MOUNTED ON BACKSPLASH ABOVE SINK



TYPICAL DETAIL. CONTRACTOR TO COORDINATE EXACT LOCATION WITH FLOOR PLAN AND JANITOR SINK CONFIGURATION. REFER TO ARCHITECTURAL DRAWING FOR DETAIL AND LAYOUT.

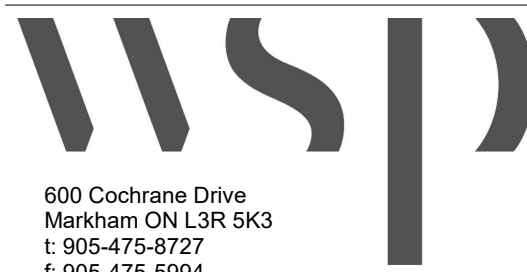
13 TYPICAL JANITOR ROOM HOSE BIBB LOCATION

SCALE: N.T.S



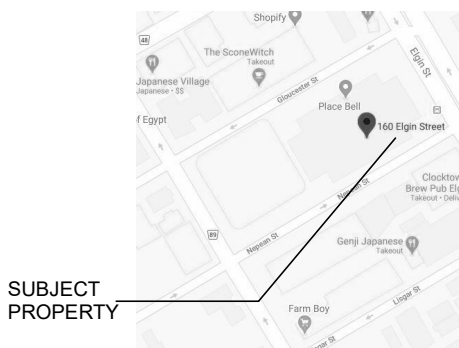
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LCBO Store #547
160 Elgin Street
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Context Plan



SUBJECT PROPERTY

General Notes

1. ALL DIMENSIONS IN IMPERIAL.
2. VERIFY ALL DIMENSIONS.
3. DO NOT SCALE DRAWINGS.
4. CHECK DRAWINGS AGAINST SPECIFICATIONS.
5. USE THE LATEST REVISED DRAWINGS ONLY.
6. REPORT ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SCHEDULES.
7. DISCOVERED ERRORS, OR OMISSIONS, TO THE ARCHITECT AND LCBO DURING TENDER PERIOD AND BEFORE PROCEEDING WITH ANY WORK.
8. DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ARCHITECT, AND MUST BE RETURNED UPON COMPLETION OF WORK.
9. TO VIEW A LIST OF BIDDERS FOR THIS PROJECT, PLEASE GO TO: WWW.BIDDINGO.COM/LCBO

5	Sep 11, 2020	Issued For Permit & Tender	RD
4	Aug 12, 2020	90% Drawing Review	RD
3	Jul 28, 2020	60% Drawing Review	RD
2	Apr 14, 2020	60% Drawing Review	RD
1	Apr 01, 2020	30% Drawing Review	RD
Rev.	Date	Description	Initial



Issued For Permit & Tender

Issued for:

Sep 11, 2020

Issue Date:

17M-02500-F1 12" = 1'-0" RD FL

Project No.: Scale: Drawn By: Checked By:

LCBO Store No. 547
Ottawa, ON
Interior Fit-up

Project:

MECHANICAL DETAILS

Drawing Title:

Sheet No.:

M-2



SCALE: 1 : 100

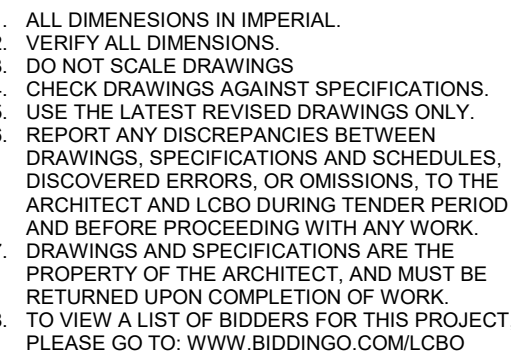
SCALE: 1 : 100

- EXISTING BASE BUILDING AIR HANDLING UNITS AT 12'-0" AFF AND ASSOCIATED ACCESSORIES. EXISTING AIR HANDLING UNITS SHALL NOT BE USED DURING CONSTRUCTION UNLESS OBTAINING LCBQ COORDINATOR'S APPROVAL. REFER TO GENERAL NOTES FOR DETAILS. CONTRACTOR TO PROVIDE FLEX CONNECTION ON SUPPLY AND RETURN. ALL RETURN AIR INLETS WITH OPEN END TO BE C/W BIRDSCREEN. CONTRACTOR TO PROVIDE 2 SETS OF MERV 13 FILTERS. INSTALL (1) SET PRIOR TO BALANCING AND HAND OVER TO (1) SET TO LCBQ. (TYPICAL)
- PROVIDE GENERAL EXHAUST DUCTWORK C/W INTERNAL ACROUSTIC LINING, SUPPORT AND ACCESSORIES AS SHOWN. CONNECT TO EXISTING GENERAL EXHAUST FAN (EF-4). OPEN END DUCT SHALL BE C/W BIRDSCREEN. CONNECT TO EXISTING GOOSENECK. COORDINATE LOCATION AND ELEVATION ON SITE PRIOR TO INSTALLATION.
- PROVIDE NEW WALL-MOUNTED, SURFACE MOUNTED TYPE, ELECTRIC FORCED FLOW HEATER @8" A.F.F. C/W WALL MOUNTED REMOTE TEMPERATURE SENSOR AT 6'-0" AFF. PROVIDE HONEYWELL VISION PRO THERMOSTAT IN OFFICE AT 3' 11" FOR FFH-1 (IDENTIFY THERMOSTAT TO DISTINGUISH FROM OFFICE THERMOSTAT WITH LAMACOID) AND CONNECT REMOTE SPACE TEMPERATURE SENSOR. COLOR SHALL MATCH THE WALL IN WHICH IT IS MOUNTED. POWER CONNECTION BY ELECTRICAL CONTRACTOR. REFER TO M-1 FOR SPECIFICATION.
- PROVIDE ELECTRIC BASE BOARD HEATER C/W BUILT-IN THERMOSTAT. SUPPLIED AND INSTALLED BY MECHANICAL CONTRACTOR. POWER CONNECTION BY ELECTRICAL CONTRACTOR.
- PROVIDE NEW 24"x24" SQUARE SUPPLY AIR DIFFUSER. REFER TO DRAWING M-1 FOR SPECIFICATION. (TYPICAL)
- PROVIDE NEW 24"x12" EGGRATE RETURN AIR GRILLE IN OFFICE.
- PROVIDE NEW WASHROOMS EXHAUST AIR GRILLES C/W BALANCING DAMPERS, SHEET METAL PLENUMS AND EXHAUST DUCT TO FAN. CONNECT TO EXHAUST FAN EF-2. BALANCE TO AIR QUANTITIES AS SHOWN (CFM). (TYPICAL)
- PROVIDE NEW CEILING SUSPENDED IN-LINE EXHAUST FAN (EF-2) FOR WASHROOM AT 13'-0" AFF. PROVIDE ASSOCIATED EXHAUST DUCTWORK AND ACCESSORIES AS SHOWN. CONNECT TO EXISTING GOOSENECK. COORDINATE LOCATION AND ELEVATION ON SITE PRIOR TO INSTALLATION. REFER TO DRAWING M-1 FOR SPECIFICATION.
- PROVIDE NEW CEILING MOUNTED EXHAUST FAN (EF-1, EF-3) FOR STAFF ROOM & JANITOR ROOM. PROVIDE ASSOCIATED EXHAUST DUCTWORK, BACKDRAFT DAMPER AND REQUIRED ACCESSORIES. CO-ORDINATE LOCATION AND ELEVATION OF THE DUCTWORK ON SITE PRIOR TO INSTALLATION. CONNECT TO EXISTING GOOSENECK. REFER TO DRAWING M-1 FOR SPECIFICATION.
- PROVIDE NEW DOOR GRILLE FOR JANITOR ROOM. DOOR GRILLE SHALL BE THE FIRE RATED TYPE. REFER TO DRAWING M-1 FOR SPECIFICATION.
- PROVIDE NEW SUPPLY DUCTWORK CONNECTED TO EXISTING MAKEUP AIR UNIT. PROVIDE DUCTWORK AT THE SAME ELEVATION AS THE EXISTING DUCTWORK ABOVE FINISHED FLOOR WITH INDEPENDENT HANGERS, UNLESS OTHERWISE NOTED. ALL EXPOSED DUCTWORK SHALL BE PAINTED. COORDINATE COLOR WITH THE ARCHITECT. BALANCE THE DUCTWORK FOR THE AIRFLOW LISTED ON THE DRAWING M-1. (TYPICAL)
- PROVIDE NEW SUPPLY & RETURN AIR DUCTWORK CONNECTED TO AIR HANDLING UNITS. PROVIDE INTERNAL ACOUSTIC LINING 15 FEET DOWNSTREAM OF SUPPLY AND RETURN AIR DUCTS CONNECTED TO HEAT PUMP UNIT. PROVIDE SUPPLY AIR DUCT AND RETURN AIR DUCT MINIMUM 12'-6" ABOVE FINISHED FLOOR WITH INDEPENDENT HANGERS, UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECT AND LCBQ COORDINATOR FOR THE FINAL DUCTWORK ELEVATION. ALL EXPOSED DUCTWORK AND GRILLES SHALL BE PAINTED. COORDINATE COLOR WITH THE ARCHITECT. (TYPICAL)
- INSTALL THERMOSTAT ASSOCIATED WITH AHU-1. INSTALL REMOTE TEMPERATURE SENSOR & HUMIDISTAT ASSOCIATED WITH THE AHU-2, AHU-3 & AHU-4 AS SHOWN ON DRAWING. CONNECT TO BASE BUILDING BMS BY BASE BUILDING BMS CONTRACTOR. OFFICE AIR HANDLING UNIT THERMOSTAT SHALL BE COORDINATED BY THE MECHANICAL CONTRACTOR PRIOR TO COMMISSIONING. THERMOSTAT PROGRAMMING INCLUDING TIME-OF-DAY AND TEMPERATURE SETPOINTS TO BE PROGRAMMED BY THE CONTRACTOR. REFER TO OFFICE THERMOSTAT SCHEDULE ON THIS DRAWING. COORDINATE WITH LCBQ FOR FINAL LOCATION OF THERMOSTATS, SENSORS AND HUMIDISTATS. INSTALL ALL SENSORS IN RETAIL AND WAREHOUSE AREA AT 6 FEET ABOVE FINISHED FLOOR. INSTALL THERMOSTAT IN OFFICE AT 3'-11" ABOVE FINISHED FLOOR. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF ALL SENSORS AND THERMOSTAT ASSOCIATED WITH AHU. (TYPICAL)
- BALANCE ALL DIFFUSERS, GRILLES, EXHAUST FANS, MAKE-UP AIR UNIT AIRFLOW, AIR HANDLING UNITS, ETC., TO AIR QUANTITIES AS SHOWN (CFM). AIR BALANCER TO BE COORDINATED BY CONTRACTOR. REFER TO SECTION 23 08 16. REFER TO DETAIL ON DRAWING M-2 FOR LOCATION OF BALANCING DAMPER. (TYPICAL)
- ELBOW SUPPLY/ EXHAUST AIR DUCT DOWN TO 2FT ABOVE T-BAR CEILING TO ALLOW FOR EASY ACCESS TO BALANCING DAMPERS. (TYPICAL)
- PROVIDE 1" EXTERNAL INSULATION ON MAKE-UP AIR DUCTWORK. (TYPICAL)
- PROVIDE NEW SUPPLY/RETURN AIR GRILLE IN OFFICE, RETAIL AND WAREHOUSE AREAS. REFER TO DRAWING M-1 FOR SPECIFICATION. INSTALL SUPPLY AIR GRILLES ON THE SIDE OF THE DUCTWORK (TYPICAL).
- PROVIDE NEW 12"x12" DOOR GRILLE FOR WASHROOMS, AND STAFF ROOM. REFER TO DRAWING M1.0 FOR SPECIFICATION.
- PROVIDE NEW FIRE DAMPER, TYPE "B" DYNAMIC. REFER TO DRAWING M-1 FOR SPECIFICATION.
- PROVIDE DOWN DRAFT RE-CIRCULATION FAN. SHALL BE SIMILAR TO "PLEASANTAIR" CP-56 WITH PLUG-IN. THESE FANS SHALL BE MOUNTED WITH SPEEDS NO LOWER THAN THE BOTTOM OF THE STEEL JOISTS AND SHALL BE CONTROLLED BY VARIABLE SPEED CONTROLLERS. BLADE CONTROLLER SHALL BE MOUNTED AT 43" (1100MM) ABOVE FINISHED FLOOR TO THE CENTER OF THE DEVICE. THIS IS CONTRACTOR TO INSTALL RE-CIRCULATION FANS AND SUPPLY VARIABLE SPEED CONTROLLERS. LINE VOLTAGE TO FANS AND CONTROLLERS. INSTALLATION AND LOCATION OF SPEED CONTROLLERS SHALL BE BY THE ELECTRICAL CONTRACTOR. FAN SHALL BE INSTALLED ABOVE LIGHTING. (TYPICAL OF 3)

- 21 NEW FRIGDES AND CONDENSING UNIT PROVIDED BY REFRIGERATION CONTRACTOR. INSTALL WALL MOUNTED WATER-COOLED CONDENSER CU-1 AND AIR-COOLED CONDENSER CU-2 AT 9'-0" AFF IN WAREHOUSE BY REFRIGERATION CONTRACTOR. CONNECT CONDENSING UNIT TO BASE BUILDING CHILLED WATER RETURN LOOP C/W ASSOCIATED PIPING, FITTING, AUTOMATIC BALANCING VALVE, Y-STAINER, CHECK VALVE, CIRCULATION PUMP AND PIPE SUPPORT BY MECHANICAL CONTRACTOR. REFER TO DRAWING M-1 FOR SPECIFICATIONS. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION, TESTING AND COMMISSIONING OF THE CONDENSING UNIT. REPORT ON CONDENSING UNIT, REFRIGERANT LINES AND ACCESSORIES, START-UP SERVICES AND REPORT PROVIDED BY REFRIGERATION CONTRACTOR. COORDINATE WITH LCBO FOR FINAL INSTALLATION LOCATION AND ELEVATION. (TYPICAL)
- 22 EXISTING CHILLED WATER AND HEATING WATER SUPPLY AND RETURN PIPING C/W ENERGY METER AT HIGH LEVEL TO REMAIN. (TYPICAL)

1. ALL SUPPLY AIR VALUES ARE IN UNITS OF CFM.
2. PRIOR TO COMMENCEMENT OF WORK, ORDERING OF EQUIPMENT AND/OR FABRICATING MATERIALS THE MECHANICAL CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS. THIS SHALL BE DONE IN ORDER TO CONFIRM THAT EQUIPMENT AND SERVICES CAN BE INSTALLED AS SHOWN ON DRAWINGS. IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE ENGINEERS OF ANY DISCREPANCIES, OMISSIONS AND/OR INTERFERENCES PRIOR TO COMMENCEMENT OF WORK. PROVIDE INTERFERENCE DRAWINGS.
3. PROVIDE ALL REQUIRED CUTTING AND PATCHING OF EXISTING CEILINGS TO FACILITATE THE INSTALLATION OF THE MECHANICAL SERVICES OUTLINED FOR THIS SCOPE OF WORK.
4. ENSURE THAT ALL MECHANICAL EQUIPMENT REQUIRING MAINTENANCE IS ACCESSIBLE. REPORT ANY OBSTRUCTIONS TO THE PROJECT MANAGER AND MECHANICAL ENGINEER.
5. NOTE NOT USED.
6. ALL INSTALLATIONS SHALL COMPLY WITH LCBOS APPROVED SPECIFICATIONS. REFER TO DIVISION 20, 21, 22, AND 23 OF LCBOS SPECIFICATION.
7. ALL EXISTING AND NEW MECHANICAL EQUIPMENT SHALL BE LABELED WITH LAMACOD INCLUDING LANDLORD SUPPLIED EQUIPMENT. PROVIDE LAMACOD LABEL FOR FANS, FILTER HOUSING ACCESS, ROOF TOP UNITS, UNIT HEATER, THERMOSTATS, SENSORS ETC.
8. HVAC CONTRACTOR SHALL INSTALL ALL DUCTWORK. CONTRACTOR TO SITE VERIFY THE EXISTING DUCTWORK AND CO-ORDINATE. ROUTE THE DUCTWORK ACCORDINGLY. EQUIPMENT, DEVICES WITHOUT TOUCHING CEILING SUPPORT SYSTEM TO AVOID POSSIBLE VIBRATION TRANSFER. HVAC CONTRACTOR SHALL TAKE INTO ACCOUNT ANY FUTURE DUCT DROP WHICH MAY BE REQUIRED TO AVOID ANY INTERFERENCE ON THE DUCTWORK RUN DOWN ON THE DUCTWORK.
9. ALL VISUAL RETAIL/WAREHOUSE DUCTWORK AND ASSOCIATED ACCESSORIES SHALL BE PAINTED WHITE. COORDINATE FINAL COLOR WITH ARCHITECT.
10. CONTRACTOR TO RETAIN AND PAY FOR THE SERVICES OF AN EXPERIENCED SEISMIC ENGINEERING FIRM. ALL SYSTEMS ARE TO BE CONSTRUCTED IN COMPLIANCE WITH THE BUILDING CODE, LOCAL CODES AND GUIDELINES IN TERMS OF DESIGN FOR SEISMIC ACTIVITY. REFER TO SECTION 20 05 15 AND 20 52 00 OF THE PROJECT SPECIFICATIONS.
11. GC SHALL PROVIDE VENTILATION FANS FOR TEMPORARY TEMPERATURE CONTROL DURING IT-UP PERIOD IF NECESSARY.

1. MON-SAT: OCCUPIED MODE 9AM - 9PM
2. SUN: OCCUPIED MODE 11AM - 5PM
3. WINTER SETTINGS: OCCUPIED MODE 20°C UNOCCUPIED MODE 15.5°C
4. SUMMER SETTINGS: OCCUPIED MODE 21.5°C UNOCCUPIED MODE 23.5°C
5. FAN IS TO RUN CONTINUOUSLY IN OCCUPIED MODE AND IN AUTO IN UNOCCUPIED MODE



Sep 11, 2020	Issued For Permit & Tender	RD	
Aug 12, 2020	90% Drawing Review	RD	
Jul 28, 2020	60% Drawing Review-2	RD	
Apr 14, 2020	60% Drawing Review	RD	
Apr 01, 2020	30% Drawing Review	RD	
Rev.	Date	Description	Initials



used for: _____

Sep 11, 2020
Issue Date:

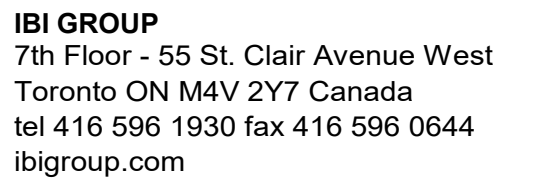
7M-02500-F1	As indicated	RD	FL
Project No.:	Scale:	Drawn By:	Checked By:

HVAC LAYOUT

Drawing Title:

Sheet No. _____

M-3



WSP

600 Cochrane Drive
Markham ON L3R 5K3
t: 905-475-8727
f: 905-475-5994

A map of the study area in Singapore. The map shows a street grid with several landmarks labeled. A black line indicates the study site, which is located on Hill Street, between the intersection with North Bridge Road and the intersection with South Bridge Road. Other landmarks labeled include The Screamers, Japanese Village, Place Self, Hill Street, Clocktower, Green Park, and Park Road. The map also shows the locations of the study sites for the other two studies, which are located on North Bridge Road and South Bridge Road.

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2. VERIFY ALL DIMENSIONS.
3. DO NOT SCALE DRAWINGS
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5. USE THE LATEST REVISED DRAWINGS ONLY.
6. REPORT ANY DISCREPANCIES BETWEEN
DRAWINGS, SPECIFICATIONS AND SCHEDULES.
7. DISCOVERED ERRORS, OR OMISSIONS, TO THE
ARCHITECT AND LIAISON ENGINEERING TENDER PERIOD
AND BEFORE PROCEEDING WITH ANY WORK.
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17M-02500-F1	As indicated	RD	FL
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Project

PLUMBING & DRAINAGE
LAYOUT

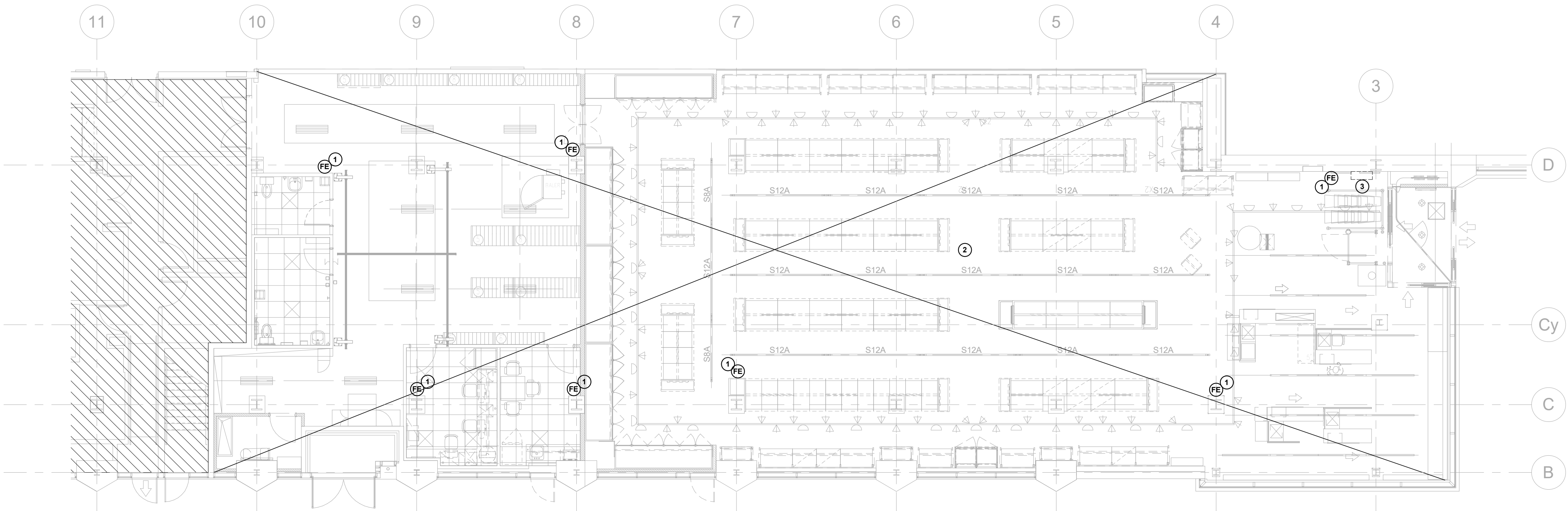
Sheet No.:



1. PRIOR TO COMMENCEMENT OF WORK, ORDERING OF EQUIPMENT AND/OR FABRICATING MATERIALS THE MECHANICAL CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS. THIS SHALL BE DONE IN ORDER TO CONFIRM THAT EQUIPMENT AND SERVICES REQUESTED AS SHOWN ON DRAWINGS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEERS OF ANY DISCREPANCIES, OMISSIONS AND/OR INTERFERENCES PRIOR TO COMMENCEMENT OF WORK.
2. ALL INSTALLATIONS SHALL COMPLY WITH LCBOS APPROVED SPECIFICATIONS. REFER TO NOTION 20, 21, 22 AND 23 OF LCBOS SPECIFICATIONS.
3. CONTRACTOR SHALL PROVIDE PIPE IDENTIFICATIONS FOR ALL NEW PIPING AS PER SPECIFICATION. PIPE IDENTIFICATION SHALL NOT BE COVERED WITH PAINT.
4. ALL EXISTING AND NEW MECHANICAL EQUIPMENT TO BE LABELED WITH LAMACOD BY INCLUDING LANDLORD SUPPLIED EQUIPMENT. PROVIDE LAMACOD LABEL FOR TRAP SEAL PRIMER ACCESS DOORS, MIXING VALVES, WATER METER, HWY. GAS METER ETC.
5. FINAL POURING OF CONCRETE IN 18'x18' SQUARE OPENINGS IN THE SLAB, BY CONTRACTOR. CONTRACTOR TO ALSO ALLOW FOR SAN PIPE OFFSETS REQUIRED TO SUIT FUTURE LOCATIONS.
6. ALL PIPE PENETRATIONS OF FIRE RATED WALLS TO BE FIRE-SEALED.

ANY SCANNING & CORING REQUIRED TO FULFILL THE REQUIREMENTS OF THE CONTRACT DOCUMENTS SHALL BE INCLUDED IN THE ORIGINAL TENDERED PRICE. IT IS THE GC'S RESPONSIBILITY TO REVIEW THE EXISTING SITE CONDITIONS AND ALLOW FOR ANY ADDITIONAL CORING / SCANNING REQUIRED.

- 1 EXISTING 1-1/4" O.D. DOMESTIC COLD WATER MAIN PIPE C/W SHUT-OFF, BACKFLOW PREVENTER, WATER METER C/W REMOTE READ OUT AND 1-1/4" VALVED CAPACITATED CONNECTION.
- 2 CONNECT NEW 1-1/4" O.D. DOMESTIC COLD WATER LINE TO EXISTING 1-1/4" CAPPED CONNECTION. PROVIDE (1) NEW POTABLE WATER THERMAL EXPACTION TANK ON THE MAIN DOMESTIC WATER PIPE NEAR THE HOT WATER TANK. EXPANSION TANK SHALL BE WATTS MODEL CETA OR APPROVED EQUIVALENT. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE SHUT-OFF VALVE.
- 3 EXISTING BASE BUILDING STORM DRAIN PIPE TO REMAIN. (TYPICAL)
- 4 EXISTING BASE BUILDING SANITARY DRAIN PIPE TO REMAIN. (TYPICAL)
- 5 INSTALL AUTOMATIC TRAP SEAL PRIMER ASSEMBLY RECESSED INTO WALL AT 2'-0" ABOVE FINISHED FLOOR. FACING INTO WAREHOUSE TRAP SEAL PRIMER ASSEMBLY HANGED OVER FROM LANDLORD TO LCBQ C/W SOLENOID VALVE, TIMER AND ACCESS PANEL. PROVIDE LAMOCARD LABEL FOR TRAP SEAL PRIMER ACCESS DOOR. PROVIDE NEW DOMESTIC COLD WATER PIPE TO TRAP SEAL PRIMER. CONNECT 1/2" O.D. TO TRAP SEAL PRIMER. (TYPICAL)
- 6 PROVIDE NEW STAFF ROOM SINK AND FAUCET AS SPECIFIED ON DRAWING M1.0 AND SPEC. CONNECT 1/2" O.D. DCW AND 1/2" O.D. DHW TO NEW SINK C/W ISOLATION VALVES. CONNECT SINK DRAIN PIPE TO EXISTING ROUGH-IN.
- 7 PROVIDE NEW WALL HUNG LAVATORY C/W FAUCET AS SPECIFIED ON DRAWING M1.0 AND SPEC. CONNECT 1/2" O.D. DOMESTIC COLD WATER AND 1/2" O.D. DOMESTIC HOT WATER PIPE TO LAV. C/W ISOLATION VALVE. CONNECT DRAIN PIPE TO EXISTING ROUGH-IN. (TYPICAL)
- 8 PROVIDE NEW JANITOR SINK AND FAUCET AS SPECIFIED ON GBO SPEC. CONNECT 1/2" O.D. DCW AND 1/2" O.D. DHW TO NEW SINK C/W ISOLATION VALVES. CONNECT DRAIN PIPE TO EXISTING ROUGH-IN. REMOVE JANITOR SINK DRAIN ROUGH-IN, BY CONTRACTOR.
- 9 PROVIDE NEW FLOOR MOUNTED TOILET AS SPECIFIED ON LCBQ SPECIFICATION. CONNECT 1/2" O.D. DCW PIPE. CONNECT TO EXISTING ROUGH-IN. (TYPICAL DRAIN ROUGH-INS, BY CONTRACTOR. (TYP)
- 10 PROVIDE NEW HOT WATER TANK AT 8'-0" ABOVE FINISHED FLOOR (BOTTOM OF THE TANK). PROVIDE 1" O.D. DCW AND 1" O.D. DHW CONNECTIONS. REFER TO SPECIFICATION AND SCHEDULE FOR SIZE AND MODEL. REFER TO DETAIL 1/MS2 FOR TANK INSTALLATION. PROVIDE PAN DRAIN PIPE AND T&P DRAIN PIPE AND ROUTE INDIVIDUALLY TO NEAREST EXISTING INDIRECT DRAIN. EXACT LOCATION AND HEIGHT TO BE CO-ORDINATE WITH THE INSTALLATION. INSTALLATION HEIGHT SHALL BE CO-ORDINATED ON SITE TO PROVIDE ENOUGH SLOPES FOR THE REQUIRED DRAIN.
- 11 PROVIDE NEW VENT PIPE FOR PLUMBING FIXTURES AS SPECIFIED ON DRAWING AND AS REQUIRED BY THE OBC. CONNECT 3" O.D. VENT PIPE TO EXISTING BASE BUILDING VENT.
- 12 PROVIDE NEW COUNTER MOUNTED EYEWASH IN STAFF ROOM C/W UNDER-COUNTER MIXING VALVE. INSTALL EYEWASH WITH HANDLE AND HEADS FACING AWAY FROM BACKSPASH. EXACT LOCATION TO BE COORDINATED WITH LCBQ. REFER TO DETAIL 1/MS2.1. PROVIDE 1/2" O.D. DCW AND 1/2" O.D. DHW CONNECTIONS TO MIXING VALVE. PROVIDE 1/2" TEMPERED WATER LINE. EYE WASH TEMPERATURE SHALL BE 25 C - 30 C. INSTALL MIXING VALVE AT AN ACCESSIBLE LOCATION UNDER STAFF ROOM SINK. INSTALL AS PER MANUFACTURER INSTALLATION INSTRUCTIONS.
- 13 PROVIDE NEW 1-1/4" O.D. DOMESTIC COLD WATER PIPE. PROVIDE PIPE INSULATION. (TYPICAL)
- 14 PROVIDE NEW 1" DOMESTIC HOT WATER PIPE TO SERVE STAFF ROOM SINK, JANITOR SINK, LAVATORY AND EYEWASH MIXING VALVE. PROVIDE PIPE INSULATION. (TYPICAL)
- 15 NOTE NOT USED.
- 16 NOTE NOT USED.
- 17 EXISTING FLOOR DRAIN IN WASHROOMS, JANITOR ROOM, ETC. TEMPORARILY PLUG FLOOR DRAINS DURING CONSTRUCTION PROCEDURES. REMOVE PLUGS DURING FINAL CLEANUP WORK AND DEMONSTRATE FREE AND CLEAR OPERATION OF EACH DRAIN. REPLACE ANY DAMAGED GRATES. (TYPICAL)
- 18 INSTALL AUTOMATIC TRAP SEAL PRIMER ASSEMBLY DEDICATED FOR THE HUB DRAIN RECESSED INTO WALL AT 2'-0" ABOVE FINISHED FLOOR. PROVIDE NEW TRAP SEAL PRIMER ASSEMBLY HANGED OVER FROM LANDLORD TO LCBQ C/W SOLENOID VALVE, TIMER AND ACCESS PANEL. PROVIDE LAMOCARD LABEL FOR TRAP SEAL PRIMER ACCESS DOOR. PROVIDE NEW DOMESTIC COLD WATER PIPE TO TRAP SEAL PRIMER. CONNECT 1/2" O.D. DCW TO TRAP SEAL PRIMER. (TYPICAL)
- 19 PROVIDE NEW HOSE BIBB IN JANITOR ROOM AND CONNECT TO AQUEOUS OZONE SYSTEM. HOSE BIBB SHALL BE WATTS S SERIES CAST BRASS C/W SEPARATE TAMPER-PROOF VACUUM BREAKER AND ESGUO CONNECTION. COORDINATE WITH LCBQ COORDINATOR FOR FINAL LOCATION. REFER TO DETAIL 1/MS2.
- 20 NEW FRIDGE SUPPLIED BY REFRIGERATION CONTRACTOR. (TYPICAL)
- 21 PROVIDE (2) NEW WATER HAMMER ARRESTORS FOR HOT AND COLD WATER PIPES. WATER HAMMER ARRESTORS SHALL BE WATTS SERIES 15, 3/4" OR APPROVED EQUIVALENT. INSTALL WATER HAMMER ARRESTORS AT AN ACCESSIBLE HEIGHT. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. CONTRACTOR TO VERIFY THE LOCATION OF THE HAMMER AND INSTALL PRESSURE REDUCING VALVE UPSTREAM OF WATER HAMMER ARRESTOR AS REQUIRED BY THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.



1
M-5

FIRE PROTECTION PLAN

SCALE: 1 : 100

GENERAL NOTES:

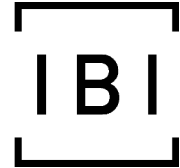
- PRIOR TO COMMENCEMENT OF WORK, ORDERING OF EQUIPMENT AND/OR FABRICATING MATERIALS THE MECHANICAL CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS. THIS SHALL BE DONE IN ORDER TO CONFIRM THAT EQUIPMENT AND SERVICES CAN BE INSTALLED AS SHOWN ON DRAWINGS. IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE ENGINEERS OF ANY DISCREPANCIES, OMISSIONS AND OR INTERFERENCES PRIOR TO COMMENCEMENT OF WORK. PROVIDE INTERFERENCE DRAWINGS.
- ALL INSTALLATIONS SHALL COMPLY WITH LCBO'S APPROVED SPECIFICATIONS. REFER TO DIVISION 20, 21, 22 AND 23 OF LCBO'S SPECIFICATION.
- ALL MECHANICAL EQUIPMENT TO BE LABELED WITH LAMACOID INCLUDING LANDLORD SUPPLIED EQUIPMENT. PROVIDE LAMACOID LABEL FOR TRAP SEAL PRIMER ACCESS DOOR.
- PROVIDE SHOP DRAWINGS CONSISTING OF SPRINKLER HEAD LAYOUTS, FIRE HOSE CABINET LAYOUTS (WHERE APPLICABLE) AND HYDRAULIC CALCULATIONS THAT HAVE BEEN STAMPED BY A PROFESSIONAL ENGINEER FOR REVIEW AND APPROVAL.
- COORDINATE ALL SPRINKLER BRANCH PIPING WITH ALL NEW AND EXISTING EQUIPMENT AND SERVICES. RELOCATE SPRINKLER LINES TO FACILITATE THE INSTALLATION OF SERVICES AS REQUIRED.
- CONTRACTOR TO VERIFY EXISTING BASE BUILDING SPRINKLER HEADS. CONTRACTOR TO UTILIZE EXISTING SYSTEM TO DESIGN SPRINKLER SYSTEM TO SUIT INTERIOR FIT-UP AS SHOWN ON DRAWING AND REQUIRED BY LCBO SPECIFICATION AND BUILDING CODE.
- ALL SPRINKLER COSTS SHALL BE INCLUDED AS PART OF THIS CONTRACT. SPRINKLER COSTS INCLUDE BOTH DESIGN CONSULTING COSTS AS WELL AS CONSTRUCTION COSTS. RETAIN THE BASE BUILDING FIRE PROTECTION CONTRACTOR FOR ANY SPRINKLER SYSTEM MODIFICATIONS WORK. FOR THIS PROJECT, RETAIN THE FOLLOWING:
LOWE FIRE PROTECTION INC. , Mike VanAsseldonk, Office: 613-739-5693, Cell: 613-719-9674
E-mail: mike@lowefire.ca

FIRE PROTECTION GENERAL NOTES:

- THE FIRE PROTECTION DRAWINGS ARE PREPARED TO PROVIDE THE DESIGN INTENT AND CONTRACT AREA TO THE CONTRACTOR, CITY, FIRE DEPARTMENT, LOCAL AUTHORITY AND UNDERWRITERS.
- WSP CANADA GROUP LTD. IS NOT IN ANY WAY LIABLE FOR ACCURACY OF ANY INFORMATION OF THE FIRE PROTECTION DRAWINGS. USE OF THE FIRE PROTECTION DRAWINGS FOR OTHER PURPOSES SUCH AS PRICE QUOTATION AND ENGINEERING DESIGN SHALL BE AT THEIR OWN RISK.
- THE SUCCESSFUL FIRE PROTECTION CONTRACTOR SHALL PREPARE ALL ENGINEERING DOCUMENTS (SEALED BY PROFESSIONAL ENGINEER) INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS CONSISTING OF SPRINKLER HEAD LAYOUTS, FIRE HOSE CABINET LAYOUTS (WHERE APPLICABLE) AND HYDRAULIC CALCULATIONS AND SUBMIT TO CONSULTANTS FOR CONCEPT REVIEW, SUBMIT TO LOCAL AUTHORITIES FOR APPROVAL (WHERE REQUIRED) AND SUBMIT TO THE CITY FOR APPROVAL AND PERMITS. ON CONSTRUCTION COMPLETION, FIRE PROTECTION CONTRACTOR SHALL PROVIDE THE NFPA-13 & NFPA-14 CONFORMANCE LETTER DULY SIGNED AND STAMPED BY FIRE PROTECTION ENGINEER.
- CONTRACTOR SHALL INCLUDE ALL THE MEASURES AND COSTS TO COMPLETE THE FIRE PROTECTION SYSTEM INCLUDING BUT NOT LIMITED TO OBTAINING INFORMATION OF EXISTING SYSTEM, VERIFYING & TESTING OF EXISTING SYSTEM, PIPE MODIFICATIONS, EQUIPMENT REPLACEMENT, ADDITIONAL DEVICE/ACCESSORIES, EXISTING ITEM REMOVAL & DISPOSAL, DRAINAGE & RECHARGE, FREEZE PROTECTION, INSULATION, POWER, COMMUNICATION, PERMIT APPLICATIONS, SITE VISITS AND SITE COORDINATION WITH OTHERS (LANDLORD, CONTRACTORS, OTHER DISCIPLINES ETC.).
- CONTRACTOR SHALL COORDINATE WITH MECHANICAL, ELECTRICAL, STRUCTURAL, ARCHITECTURAL AND OTHER TRADES (EXISTING OR NEW) FOR FINAL LOCATION OF SPRINKLER HEADS AND PIPE ROUTING IN ORDER TO PREVENT CONFLICTS INCLUDING LIGHTING, GRILLES, DIFFUSERS AND SIMILAR ITEMS. OFFSET PIPING, RELOCATE OR ADD ADDITIONAL SPRINKLER HEADS AS REQUIRED TO PROVIDE PROPER SPRINKLER COVERAGE AT NO ADDITIONAL COST.
- PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL COORDINATE WORK WITH THE OWNER. THE DATE AND PERIOD OF TIME PERMITTED FOR DISCONNECTING AND NEW TIE-INS TO MECHANICAL SERVICES IN ORDER TO MINIMIZE INTERRUPTIONS OF THE SITE'S DAILY OPERATIONS. CONTRACTOR SHALL WALL IN HIS PRICE FOR AFTER HOURS WORK IN ORDER TO KEEP THE BUILDING OPERATIONAL DURING THE CONSTRUCTION PERIOD.
- WHERE CEILING, FLOOR, AND/OR WALL OPENINGS ARE REQUIRED TO RUN MECHANICAL SERVICES, INCLUDE FOR ALL COST OF THESE DRAWINGS, CUTTING & PATCHING. SEAL-UP ALL OPENINGS WITH SMOKE AND FIRE-STOPPING MATERIALS.
- CONTRACTOR TO ALLOW FOR FIRE-WATCH DURING PERIOD OF SPRINKLER SYSTEM REMEDIATION.
- EXISTING SPRINKLER SYSTEM TO BE MODIFIED AS REQUIRED TO ACCOMMODATE ALL NEW WORK. REMOVE ALL REDUNDANT SPRINKLER HEADS AND ASSOCIATED PIPING AND PROVIDE ALL NECESSARY NEW PIPING INCLUDING MAINS, BRANCH MAINS AND BRANCH LINES TO NEW OR RELOCATED SPRINKLER HEADS.
- REFER TO SPECIFICATIONS FOR THE TYPE OF SPRINKLER HEAD IN FINISHED CEILING, T-BAR CEILING, OWSJ AREA ETC.

FIRE PROTECTION KEY NOTES:

- PROVIDE NEW FIRE EXTINGUISHERS (MINIMUM 7) C/W WALL BRACKET AND ARROW STICKERS. FIRE EXTINGUISHER LOCATIONS MUST BE APPROVED BY BUILDING INSPECTOR ON SITE PRIOR TO INSTALLATION.
- IN ADDITION TO THE OVERALL BASE BID, CONTRACTOR TO ALLOW FOR RE-ROUTING/RE-WORKING/MODIFICATIONS OF EXISTING SPRINKLER PIPING/STANDPIPES/MAINS TO SUIT FIT-UP. COORDINATE WITH HVAC, ELECTRICAL AND PLUMBING TRADES. INCLUDE IN THIS CONTRACT AN ALLOWANCE FOR THE INSTALLATION OF 40FT OF 1-1/2"Ø SPRINKLER PIPING AND INSTALLATION OF (4) SPRINKLER HEADS.
- POTENTIAL FIRE HOSE CONNECTION LOCATION INDICATED FOR DESIGN COORDINATION PURPOSES ONLY. FIRE PROTECTION CONTRACTOR TO VERIFY EXACT LOCATIONS, QUANTITY AND COVERAGE AS PER CODE AND STANDARDS. COST OF ADDING, RELOCATING, REPLACING OR REMOVING FIRE HOSE CONNECTION, ASSOCIATED PIPING AND ACCESSORIES SHALL BE INCLUDED AS PART OF THIS CONTRACT. (TYPICAL)



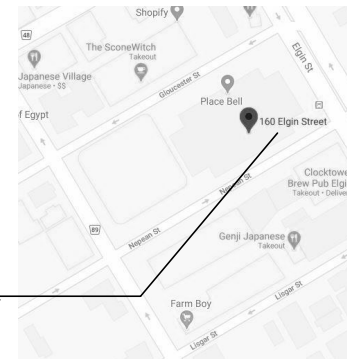
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Context Plan



General Notes

- ALL DIMENSIONS IN IMPERIAL.
- VERIFY ALL DIMENSIONS.
- DO NOT SCALE DRAWINGS.
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- DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ARCHITECT, AND MUST BE RETURNED UPON COMPLETION OF WORK.
- TO VIEW A LIST OF BIDDERS FOR THIS PROJECT, PLEASE GO TO: WWW.BIDDINGO.COM/LCBO

5	Sep 11, 2020	Issued For Permit & Tender	RD
4	Aug 12, 2020	90% Drawing Review	RD
3	Jul 28, 2020	60% Drawing Review-2	RD
2	Apr 14, 2020	60% Drawing Review	RD
1	Apr 01, 2020	30% Drawing Review	RD

Rev.	Date	Description	Initial
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Issued For Permit & Tender

Issued for:

Sep 11, 2020

Issue Date:

17M-02500-F1	As indicated	RD	FL
Project No.:	Scale:	Drawn By:	Checked By:

LCBO Store No. 547
Ottawa, ON
Interior Fit-up

Project

FIRE PROTECTION
CONCEPT LAYOUT

Drawing Title:

M-5

Sheet No.:

LIGHTING SYMBOLS	
SYMBOL	DESCRIPTION
— — —	LINE VOLTAGE CONTROL CONNECTION BETWEEN SWITCH AND FIXTURE, THERMOSTAT AND HEATER, ETC.
\$ \$ \$	ONE, TWO, THREE GANG LINE VOLTAGE LIGHT SWITCH. DO NOT GANG SWITCHES OF DIFFERENT VOLTAGES TOGETHER.
⌚	DIMMER SWITCH. TYPE TO MATCH LOAD. DO NOT GANG DIMMERS TOGETHER WITH OTHER DEVICES.
TS	LINE VOLTAGE TIMER FOR LIGHTING.
\$	CEILING MOUNTED OCCUPANCY SENSOR.
⊕	LOW VOLTAGE SWITCH CONNECTED TO LIGHTING CONTROL CONTACTOR OR RELAY.
⊙	INTERNAL LIGHTING SENSOR, CAT.# LIGHTSAVER LS-101, WATTSTOPPER
OS1	OCCUPANCY SENSOR, WATTSTOPPER CAT.#PW-100 AUTOMATIC WALL SWITCH C/W 600W BALLAST-PARAMETER TO SET MANUAL 'ON', AUTOMATIC 'OFF'
OS2	OCCUPANCY SENSOR, WATTSTOPPER CAT.#PW-100 AUTOMATIC WALL SWITCH C/W 600W BALLAST-PARAMETER TO SET AUTOMATIC 'OFF', AUTOMATIC 'ON'
OS3	OCCUPANCY SENSOR, WATTSTOPPER CAT.#DW-203 - REFER TO OFFICE SENSOR CONNECTION DETAIL.

EMERGENCY LIGHTING SYMBOLS	
SYMBOL	DESCRIPTION
⊗ ⊙	CEILING MOUNTED EXIT LIGHT, COMPLETE WITH DIRECTIONAL ARROWS AS INDICATED ON DRAWINGS.
⊗ ⊙	WALL MOUNTED EXIT LIGHT, COMPLETE WITH DIRECTIONAL ARROWS AS INDICATED ON DRAWINGS.
⊗ ⊙	CEILING/WALL MOUNTED COMBINATION BATTERY UNIT/EXIT SIGN, COMPLETE WITH HEADS/DIRECTIONAL ARROWS AS INDICATED ON DRAWINGS.
⊕ ⊖	EMERGENCY BATTERY UNIT, PLUG-IN OR DIRECT CONNECT. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
⌚	SINGLE, DOUBLE, TRIPLE REMOTE BATTERY HEAD.
⊕	RECESSED REMOTE EMERGENCY POTLIGHT

SECURITY SYMBOLS	
SYMBOL	DESCRIPTION
⊕	PUSH BUTTON
⊕	EMERGENCY PUSH BUTTON, SEE BARRIER FREE WASHROOM DETAIL.
L	DOOR LOCK BUTTON, SEE BARRIER FREE WASHROOM DETAIL.
S	BACK BOX FOR SECURITY CAMERA OR INTERCOM
PR	CARD READER
KP	KEYPAD
ES	ELECTRIC STRIKE
ML	ELECTROMAGNETIC LOCK
DO	DOOR OPERATOR
DH	DOOR HOLD
DC	DOOR CONTACT
⊕	BUZZER
⊕	SECURITY CAMERA
⊕	CHIME

FIRE ALARM SYMBOLS	
SYMBOL	DESCRIPTION
⊕	MANUAL PULL STATION
⊕	FIRE ALARM BELL
⊕	FIRE ALARM HORN
⊕	COMBINATION FIRE ALARM HORN / STROBE
⊕	FIRE ALARM STROBE LIGHT
⊕	SMOKE AND CO DETECTOR TO BE COMPATIBLE WITH BASE BUILDING FIRE ALARM SYSTEM IF APPLICABLE, OTHERWISE SHALL BE 120V LOCAL SMOKE AND CO DETECTOR, CAT.#SC9120, BRK ELECTRONICS
⊕	HEAT DETECTOR
⊕	FLOW SWITCH
⊕	SUPERVISED VALVE
⊕	FIRE ALARM PANEL FACP = FIRE ALARM CONTROL PANEL FAA = FIRE ALARM ANNUNCIATOR LGA = FA LOCAL GRAPHIC TR = TRANSPONDER PANEL
⊕	END-OF-LINE RESISTOR

ALL NEW FIRE ALARM DEVICES SHALL MATCH EXISTING.
ALL NEW AND RELOCATED DEVICES SHALL BE VERIFIED BY THE BASE BUILDING FIRE ALARM MANUFACTURER'S REPRESENTATIVE.

POWER SYMBOLS	
SYMBOL	DESCRIPTION
⊕	15A, 120V DUPLEX RECEPTACLE, MOUNTED TYPICAL HEIGHT. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
⊕	SIMILAR TO ABOVE, BUT MOUNTED ABOVE COUNTER OR AS SPECIFIED.
⊕	TWO 15A, 120V DUPLEX RECEPTACLES GANGED TOGETHER, MOUNTED TYPICAL HEIGHT. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
⊕	SIMILAR TO ABOVE, BUT MOUNTED ABOVE COUNTER OR AS SPECIFIED.
⊕	15A, 120V SPLIT RECEPTACLE, MOUNTED ABOVE COUNTER. CONNECT TO 15A 2P GFCI CIRCUIT BREAKER.
⊕	15A, 120V RECESSED 'CLOCK-TYPE RECEPTACLE'. REFER TO INTERIOR DESIGNER/ARCHITECT'S DRAWINGS FOR MOUNTING HEIGHT.
⊕	20A, 120V GFI TYPE RECEPTACLE. REFER TO INTERIOR DESIGNER/ARCHITECT'S DRAWINGS FOR MOUNTING HEIGHT.
⊕	20A, 120V DUPLEX RECEPTACLE, MOUNTED TYPICAL HEIGHT. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
⊕	SIMILAR TO ABOVE, BUT MOUNTED ABOVE COUNTER OR AS SPECIFIED.
⊕	NON STANDARD RECEPTACLE, NEMA CONFIGURATION AS NOTED ON DRAWINGS.
⊕	15A, 120V DUPLEX RECEPTACLE WITH ISOLATED GROUND, MOUNTED TYPICAL HEIGHT. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
⊕	15A, 120V DUPLEX RECEPTACLE WITH TWO USB CHARGING OUTLETS.
⊕	15A, 120V DUPLEX RECEPTACLE, CEILING MOUNTED. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
⊕	TWO 15A, 120V DUPLEX RECEPTACLES GANGED TOGETHER, CEILING MOUNTED. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
⊕	15A, 120V DUPLEX RECEPTACLE, FLOOR MOUNTED. REFER TO SPECIFICATIONS/DETAILS FOR ADDITIONAL REQUIREMENTS.
⊕	TWO 15A, 120V DUPLEX RECEPTACLES GANGED TOGETHER, FLOOR MOUNTED. REFER TO SPECIFICATIONS/DETAILS FOR ADDITIONAL REQUIREMENTS.
⊕	120V/1ϕ, 208V/3ϕ, 600V/3ϕ DIRECT CONNECTION.
⊕	CONTACTOR - REFER TO DETAILS FOR NUMBER OF POLES, AMPERAGE RATING AND COIL VOLTAGE.
⊕	B F DOOR PUSH BUTTON.
⊕	4"x4" JUNCTION BOX UNLESS OTHERWISE NOTED ON DRAWINGS.
⊕	PULL BOX, SIZE AS NOTED ON DRAWINGS.
⊕	UNFUSED DISCONNECT SWITCH.
⊕	FUSED DISCONNECT SWITCH.
⊕	SURFACE OR RECESS MOUNTED PANEL.
⊕	TRANSIENT VOLTAGE SUPPRESSION SYSTEM.
⊕	FLOOR MOUNTED OR SUSPENDED DISTRIBUTION TRANSFORMER.
⊕	ELECTRIC BASEBOARD HEATER.
⊕	SURFACE OR RECESSED ELECTRIC FORCE FLOW HEATER.
⊕	SINGLE PHASE MOTOR CONNECTION WITH LOCAL DISCONNECT.
⊕	THREE PHASE MOTOR CONNECTION WITH LOCAL DISCONNECT.
⊕	LINE VOLTAGE THERMOSTAT
⊕	ELECTRICAL METER
⊕	SPEED CONTROLLER FOR CIRCULATING FAN BY MECHANICAL CONTRACTOR, CONDUIT AND WIRING BY THE ELECTRICAL CONTRACTOR
⊕	SPACE CONTROLLER FOR HVAC BY MECHANICAL CONTRACTOR, CONDUIT BY THE ELECTRICAL CONTRACTOR.

COMMUNICATION SYMBOLS	
SYMBOL	DESCRIPTION
⊕	SINGLE ANALOGUE VOICE OUTLET MOUNTED AT TYPICAL HEIGHT WITH SINGLE GANG BACK BOX AND 3/4" CONDUIT C/W PULL STRING TO ACCESSIBLE CEILING SPACE.
⊕	SINGLE VOICE/DATA OUTLET MOUNTED AT TYPICAL HEIGHT WITH SINGLE GANG BACK BOX AND 3/4" CONDUIT C/W PULL STRING TO ACCESSIBLE CEILING SPACE.
⊕	SAME AS ABOVE BUT SUITABLE FOR TWO VOICE/DATA OUTLETS. TYPICAL FOR OVER COUNTER, CEILING AND FLOOR MOUNTED OUTLETS.
⊕	SINGLE VOICE/DATA OUTLET MOUNTED OVER COUNTER OR AS SPECIFIED WITH SINGLE GANG BACKBOX AND 3/4" CONDUIT C/W PULL STRING TO ACCESSIBLE CEILING SPACE.
⊕	CABLE TV OUTLET, PROVIDE BACK BOX, 3/4" CONDUIT AND PULL STRING TO ACCESSIBLE CEILING SPACE. COORDINATE MOUNTING HEIGHT WITH INTERIOR DESIGNER/ARCHITECT.
⊕	CEILING MOUNTED VOICE/DATA OUTLET, PROVIDE OCTAGON JUNCTION BOX MOUNTED IN FINISHED CEILING WITH CONDUIT C/W PULLSTRING TO ACCESSIBLE CEILING SPACE.
⊕	FLOOR MOUNTED VOICE/DATA OUTLET. REFER TO DETAIL FOR ADDITIONAL REQUIREMENTS.
⊕	TELECOM GROUNDING BUS BAR

GENERAL ANNOTATIONS	
ANNOTATION	DESCRIPTION
EM	CONNECT TO EMERGENCY CIRCUIT SERVING SPACE.
NL	CONNECT TO UNSWITCHED NIGHT LIGHT CIRCUIT SERVICE SPACE.
K	KEYED SWITCH
3	THREE WAY SWITCH
4	FOUR WAY SWITCH
BL	MOTORIZED BLINDS OR SHADE SWITCH
M	MASTER SWITCH
E	EXISTING ITEM TO REMAIN AS INSTALLED
D	EXISTING ITEM TO BE DEMOLISHED, REMOVE ALL EXISTING WIRING, CONDUIT, ETC. BACK TO SOURCE, MAINTAIN CIRCUIT CONTINUITY DOWNSTREAM.
ER	EXISTING IT TO BE RELOCATED, EXTEND EXISTING WIRING IN CONDUIT TO NEW LOCATION AND CONNECT.
RP	EXISTING ITEMS IN RELOCATED POSITION.
RR	EXISTING ITEM TO BE REMOVED AND REINSTALLED IN EXISTING LOCATION.
<div><div><div>X</div><div>E-X</div></div><div>DETAIL NUMBER DRAWING NUMBER</div></div>	

DRAWING LIST	
DRAWING NO.	DRAWING TITLE
E-1	ELECTRICAL LEGEND OF SYMBOLS
E-2	LUMINAIRES SCHEDULE
E-3	SINGLE LINE DIAGRAM AND PANEL SCHEDULES
E-4	ELECTRICAL LIGHTING LAYOUT
E-5	ELECTRICAL POWER LAYOUT
E-6	DETAILS
E-7	DETAILS
E-8	MOUNTING DETAILS
E-9	DETAILS
E-10	DETAILS

SPECIFICATION SECTIONS	
SECTION	DESCRIPTION
26 05 00	DIVISION 26 (BASIC ELECTRICAL MATERIALS)
26 05 00.03	DIVISION 26 (LCBO STORE CABLING)
26 05 48	DIVISION 26 (VIBRATION ISOLATION)
26 24 13.21	DIVISION 26 (ELECTRICAL SERVICE)
26 51 14	DIVISION 26 (LIGHTING FIXTURE AND LAMPS)
28 13 28	DIVISION 28 (SECURITY & COMMUNICATION SYSTEMS)
28 31 00	DIVISION 28 (FIRE ALARM SYSTEM)
REFER TO THE SECTION ABOVE FOR SRRS ELECTRICAL SPECIFICATIONS IN THE BID SPECIFICATIONS BINDER.	

ELECTRICAL DRAWINGS GENERAL NOTES:

- CONTRACTOR BEFORE SUBMITTING BID PRICE SHALL EXAMINE THE SITE AND ALL DRAWINGS AND FAMILIARIZE HIMSELF WITH THE BUILDING CONSTRUCTION AND FINISHES IN ORDER THAT HIS TENDER WILL INCLUDE ALL NECESSARY ALLOWANCES FOR A PROPER COMPLETION OF THE WORK.
- ALL DRAWINGS ARE DIAGRAMMATIC ONLY. THE ARRANGEMENTS OF EQUIPMENT SHOWN ARE APPROXIMATE ONLY, AND MAY BE ALTERED BY THE ENGINEERS TO MEET THE REQUIREMENTS OF THE PROJECT. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECT'S AND MECHANICAL DRAWINGS FOR LOCATION OF ALL LUMINAIRES, SWITCHES, THE DEVICES, OUTLETS, FURNITURE, FEEDING POINTS, DIMENSIONS, MOUNTING HEIGHTS, AND CONSTRUCTION DETAILS.
- MAINTAIN EXISTING FIRE ALARM, EXIT SIGNS AND EMERGENCY LIGHTS IN FULL OPERATION DURING THE ENTIRE CONSTRUCTION STAGE.
- NEW AND EXISTING ELECTRICAL WIRING AND CABLES EXPOSED WITHIN THE CEILING SPACES SHALL CONFORM TO THE PLENUM REQUIREMENTS OF OBC SENTENCE 3.6.4.3. (1).
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL THE WORK WITH ALL OTHER TRADES, THE CONSULTANT, AND THE OWNER. ALL WORK SHALL BE SCHEDULED AND CARRIED OUT BY THE CONTRACTOR IN A MANNER TO ENSURE CONTINUED AND NON-INTERRUPTED OPERATION OF EXISTING FACILITY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REFINISHING OF DAMAGED BUILDING AREAS AND FINISHES AFFECTED BY THE WORK AS OUTLINED UNDER SCOPE OF WORK OF THIS PROJECT.
- EMPTY CONDUIT AND BACK BOXES FOR COMMUNICATION CABLE AND DATA OUTLET SHALL BE INSTALLED BY ELECTRICAL CONTRACTOR. DATA FACE PLATE, J-HOOK AND COMMUNICATION CABLE BY COMMUNICATION CONTRACTOR
- MOUNTING HEIGHT FOR ALL SWITCHES, PULL STATIONS, EXIT PUSH BUTTON AND SECURITY DEVICES SHALL BE COORDINATED WITH ARCHITECTURAL DRAWING.
- ALL NEW DEVICES INSTALLED WHERE NEW FINISHES OCCUR SHALL BE FLUSH MOUNTED.
- FOR EACH PIECE OF ELECTRICAL DISTRIBUTION EQUIPMENT FROM ELECTRICAL SOURCE OF SUPPLY UP TO AND INCLUDING PANELS, PROVIDE ENGRAVED LAMACOID IDENTIFICATION NAMEPLATES SECURED TO APPARATUS WITH STAINLESS STEEL SCREWS, WORDING TO INDICATE SOURCE OF ELECTRICAL SUPPLY AND SIZED TO SUIT EQUIPMENT FOR WHICH IT IS PROVIDED. CONFIRM EXACT NAMEPLATE WORDING, DESIGNATIONS AND SIZES WITH LCBO PRIOR TO MANUFACTURE. CONTRACTOR SHALL IDENTIFY AND LABEL CLEARLY ALL CIRCUITS, WIRING, SERVICES, JUNCTION BOXES, PULL BOXES, BATTERY UNITS WITH CIRCUIT NUMBERS, CEILING FAN REGULATOR SWITCH, ALL CONTROL SWITCH, SHUTTER AND SHADE SWITCH, BAS CURRENT TRANSDUCER, JUNCTION BOX, HYDRO METER, PANELS AND TRANSFORMER PROVIDED BY LANDLORD, ALL OTHER DEVICES AND EQUIPMENT INSTALLED AND CONNECTED UNDER SCOPE OF WORK OF THIS PROJECT. IDENTIFICATION SHALL BE AS PER OWNER'S REQUIREMENTS AND ALL MARKINGS SHALL BE OF NON-ERASEABLE LAMACOID TYPE. COORDINATE ALL LABELING WITH THE LCBO AND CONSULTANT.
- CODE COMPLIANT FIREPROOFING MATERIAL AND TECHNIQUES SHALL BE USED BY THE CONTRACTOR ON ALL PENETRATION OF FIRE RATED CEILINGS, PARTITIONS AND SLAB, WHERE THE PENETRATION ARE MADE BY OR USED BY THE CONTRACTOR TO MAINTAIN EXISTINGNEW FIRE RATING THROUGHOUT THE LCBO SPACE.
- THE ELECTRICAL CONTRACTOR IS TO FOLLOW THE POWER AND LIGHTING CIRCUITING AS DETAILED ON THE DRAWINGS. ANY DEVIATIONS FROM THE DRAWINGS MUST BE APPROVED BY THE CONSULTANT IN WRITING PRIOR TO INSTALLATION. ANY DEVIATIONS FROM THE DRAWINGS THAT ARE NOT APPROVED BY THE CONSULTANT, MAY REQUIRE RE-WIRING AT THE CONTRACTOR'S EXPENSE.

ELECTRICAL CLOSEOUT LETTER / BINDER DOCUMENTS

- PROVIDE CLOSEOUT DOCUMENTS FOR CLOSE OUT LETTER AFTER SUBSTANTIAL COMPLETION OF THE INSTALLATION
 - ESA INSPECTION CERTIFICATE
 - EMERGENCY LIGHTING TESTING (LUX READINGS) REPORT (MIN. 20 READINGS).
 - FIRE ALARM VERIFICATION REPORT C/W DBA TEST READINGS (APPLIES TO PROJECTS WITH FIRE ALARM SYSTEMS)
 - SEISMIC ENGINEERS SIGN-OFF, SEALED BY A PROFESSIONAL ENGINEER (APPLIES TO PROJECTS IN A SEISMIC ZONE)
- PROVIDE CLOSEOUT DOCUMENTS FOR CLOSE OUT BINDER AFTER SUBSTANTIAL COMPLETION OF THE INSTALLATION
 - AS-BUILT DRAWINGS WITH CLEAR INFORMATION OF ALL JUNCTION BOXES AND INTERCONNECTED CONDUITS LOCATION
 - PRINTED COPY OF PANEL SCHEDULES.
 - ELECTRICAL LOAD AND BALANCE REPORT
 - WARRANTY LETTER
 - MAINTENANCE MANUALS
 - APPROVED AND STAMPED SHOP DRAWINGS
 - ARC FLASH COORDINATION STUDY AND SHORT CIRCUIT ANALYSIS



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Context Plan



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4	2020/09/10	Issued for Permit & Tender	MP
13	2020/09/13	80% Drawing Review	MP
12	2020/09/14	80% Drawing Review	MP
11	2020/03/23	30% Drawing Review	MP
Rev.	Date	Description	Initial



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







Issued for:			
2020/09/10			
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171-02500-F1	1 : 100	MP	MP
Project No.:	Scale:	Drawn By:	Checked By:

LCBO Store No. 547
ELGIN, ON
Interior Fit-up

Electrical Legend of Symbols

Drawing Title	
E-1	R4

Sheet No.:	Rev:
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REFLECTED CEILING LIGHTING LEGEND					LAMP SCHEDULE							
SYMBOL	DESCRIPTION	LAMP/ WATTS	REMARKS	NOTES	LAMP #	LAMP TYPE	WATTAGE	BASE	BEAM SPREAD	LAMP LIFE	COLOUR TEMP.	CRI
	4" DIA. RECESSED LED DOWNLIGHT BY: JUNO LIGHTING INDY L4 SERIES HYPERBOLIC OPEN APERTURE MEDIUM WIDE BEAM C/W WHITE FLANGE FINISH PRODUCT #L4-17-30-120-400H-CL-WH	22W INTEGRAL LED	DRYWALL CEILING WITHIN VESTIBULE AND DRYWALL CEILINGS IN VINTAGES AREA ELECTRICAL ENGINEER TO ENSURE LIGHTS CLOSE TO WINDOW ARE IN SEPARATE CIRCUITS.	REFLECTOR L400HW-CLEAR-SPECULAR-WHITE FLANGE	L2	LOW IRIDESCENT SPECULAR LED	22 W	N/A	N/A	>50,000 HRS	3000 K	80
	NARROW FLOOD TRACK LIGHTING BY: JUNO LIGHTING TRAC-MASTER CYLINDRA LED ALUMINUM FINISH AND TRACK TO MATCH PRODUCT #T254L-3K-N	15W T254L LED	LOCATED IN GENERAL RETAIL AREA, BCR T-BAR CEILING & VINTAGES DRYWALL CEILING	ALUMINUM TRACK & TRACK HEADS C/W REQUIRED FEEDS, JOINERS, CONNECTORS ETC. VINTAGES AREA REQUIRES ADDITIONAL LINE VOLTAGE EXTENSION WAND FOR EACH TRACK HEAD (PRODUCT # T12, T18, T24, T36 OR T48 - LENGTH DEPENDANT ON TRACK MOUNTING HEIGHT - CONFIRM PRIOR TO ORDERING) FINISH ALUMINUM TO MATCH TRACK	L3	T254L LED CYLINDRA LED	15 W	N/A	28" NARROW FLOOD	>50,000 HRS	3000 K	85
	WALL WASHER TRACK LIGHTING BY: JUNO LIGHTING TRAC-MASTER 30W LED WALL WASH/FLOOD ALUMINUM FINISH AND TRACK TO MATCH PRODUCT #T256L LED-3K-SL	35W T256L LED	LOCATED IN GENERAL RETAIL AREA, BCR T-BAR CEILING	ALUMINUM TRACK & TRACK HEADS C/W REQUIRED FEEDS, JOINERS, CONNECTORS ETC.	L4	T256 LED WALL WASH/FLOOD LED	35 W	N/A	N/A	>50,000 HRS	3000 K	85
	LENGTH: 24" LONG T5 SINGLE CFI FLUORESCENT LIGHT FIXTURE BY: CANLYTE PRODUCT #SV2S114-UNV (HOUSING) PRODUCT #14T5-830-ALTO (LAMP)	1 x 14W T5 FLUORESCENT	UNDER CABINET LIGHTING LOCATED IN OFFICE STAFF KITCHEN AND BEHIND SIGN BAND FASCIA - ELECTRONIC BALLAST LOCATED SIGN BAND FASCIA	COOPER LIGHTING #SNF-114T5-UNV-EBT1-U (METALUX) REFER TO PLAN FOR REQUIRED QUANTITY	F8	24" T5 LONG-LIFE LINEAR FLUORESCENT TUBE	14 W	BI-PIN	N/A	>20,000 HRS	3000 K	85
	LENGTH: 36" LONG T5 SINGLE CFI FLUORESCENT LIGHT FIXTURE BY: CANLYTE PRODUCT #SV3S121-UNV (HOUSING) PRODUCT #21T5-830-ALTO (LAMP)	1 x 21W T5 FLUORESCENT	UNDER CABINET LIGHTING LOCATED IN OFFICE STAFF KITCHEN AND BEHIND SIGN BAND FASCIA - ELECTRONIC BALLAST BEHIND SIGN BAND FASCIA	COOPER LIGHTING #SNF-121T5-UNV-EBT1-U (METALUX) REFER TO PLAN FOR REQUIRED QUANTITY	F9	36" T5 LONG-LIFE LINEAR FLUORESCENT TUBE	21 W	BI-PIN	N/A	>20,000 HRS	3000 K	85
	LENGTH: 36" LONG T5 SINGLE CFI FLUORESCENT LIGHT FIXTURE BY: CANLYTE PRODUCT #SV3S121-UNV (HOUSING) PRODUCT #21T5-830-ALTO (LAMP)	1 x 28W T5 FLUORESCENT	UNDER CABINET LIGHTING LOCATED IN OFFICE STAFF KITCHEN AND BEHIND SIGN BAND FASCIA - ELECTRONIC BALLAST BEHIND SIGN BAND FASCIA	COOPER LIGHTING #SNF-128T5-UNV-EBT1-U (METALUX) REFER TO PLAN FOR REQUIRED QUANTITY	F10	48" T5 LONG-LIFE ENERGY SAVER LINEAR FLUORESCENT TUBE	28 W	BI-PIN	N/A	>50,000 HRS	3000 K	85
	8'-0" SUSPENDED LINEAR'S BY: AXIS LIGHTING (REFER TO RCP PLAN PG. 5) BEAM 2 LED-BOLED-B1-750-30-SO #SAP-120 C/W CA#8'-0" AIRCRAFT CABLE/POWER CORD FINISH: ALUMINUM PAINT CONTACT: SALEX - ROHAN PERIANA. CELL NO. 416-457-6432. EMAIL:RPERIANA@SALEX.CA	1,875W/LF INTEGRAL LED	CENTERED ABOVE CASH/CHECK-OUT COUNTER, SUSPENDED AT 9'-6" A.F.F. TO UNDERSIDE	JOINERS, POWER CORD & AIRCRAFT MOUNTING KITS AND ALL OTHER PARTS REQUIRED. REFER TO PENDANT INSTALLATION INSTRUCTION FROM MANUFACTURER, AIRCRAFT CABLE & POWER TO BE MIN. 8'-0" LENGTH. G.C. TO CONFIRM LENGTH FROM TOP CLG. JOISTS TO 9'-6" A.F.F. LED LIGHTING PILOT	L5	LED LINEAR	11 W	N/A	N/A	>50,000 HRS	3000 K	85
	8'-0" SUSPENDED LINEAR'S BY: AXIS LIGHTING (REFER TO RCP PLAN PG. 5) BEAM 2 LED-W/ 2 SPOTS C/W CA#6'-0" AIRCRAFT CABLE/POWER CORD BOLED-B1-750-30-SO-5-(2X) MR1 LED-S#AP-120 C/W JOINERS G.C. TO CONFIRM LENGTH FROM U/S CLG. JOISTS TO 11'-6" A.F.F. FINISH: ALUMINUM PAINT AVAIL. SIZES: 12', 8', 6', 5', 4', 3', 2' CONTACT: SALEX - ROHAN PERIANA. CELL NO. 416-457-6432. EMAIL:RPERIANA@SALEX.CA	1,875W/LF 3W/SPOT INTEGRATED LED	OPEN CEILING IN GENERAL RETAIL AREA	JOINERS, POWER CORD & AIRCRAFT MOUNTING KITS AND ALL OTHER PARTS REQUIRED. REFER TO PENDANT INSTALLATION INSTRUCTION FROM MANUFACTURER, AIRCRAFT CABLE & POWER TO BE MIN. 6'-0" LENGTH. G.C. TO CONFIRM LENGTH FROM U/S CLG. JOISTS TO 11'-6" A.F.F. LED LIGHTING PILOT		LED LINEAR WITH SINGLE HEAD LED ADJUSTABLE SPOT LIGHTS	21 W	N/A	N/A	>50,000 HRS	3000 K	85
	12'-0" SUSPENDED LINEAR'S BY: AXIS LIGHTING (REFER TO RCP PLAN PG. 5) BEAM 2 LED-W/ 2 SPOTS C/W CA#6'-0" AIRCRAFT CABLE/POWER CORD BOLED-B1-750-30-SO-5-(2X) MR1 LED-S#AP-120 C/W JOINERS G.C. TO CONFIRM LENGTH FROM U/S CLG. JOISTS TO 11'-6" A.F.F. FINISH: ALUMINUM PAINT AVAIL. SIZES: 12', 8', 6', 5', 4', 3', 2' CONTACT: SALEX - ROHAN PERIANA. CELL NO. 416-457-6432. EMAIL:RPERIANA@SALEX.CA	1,875W/LF 3W/SPOT INTEGRATED LED	OPEN CEILING IN GENERAL RETAIL AREA	JOINERS, POWER CORD & AIRCRAFT MOUNTING KITS AND ALL OTHER PARTS REQUIRED. REFER TO PENDANT INSTALLATION INSTRUCTION FROM MANUFACTURER, AIRCRAFT CABLE & POWER TO BE MIN. 6'-0" LENGTH. G.C. TO CONFIRM LENGTH FROM U/S CLG. JOISTS TO 11'-6" A.F.F. LED LIGHTING PILOT		LED LINEAR WITH SINGLE HEAD LED ADJUSTABLE SPOT LIGHTS	29 W	N/A	N/A	>50,000 HRS	3000 K	85
	2x2 RECESSED LED FIXTURE BY LITHONIA LIGHTING ACLED SERIES 2'X2' FINISH: WHITE PRODUCT #2AC2L 40L EZ1 LP830	38W LP830 LED	LOCATED IN OFFICE, BCR, STAFF KITCHEN AND STAFF WASHROOMS		L13	LP830 LED (X1)	38 W	N/A	N/A	>50,000 HRS	3000 K	82
	LITHONIA LED LIGHTING-IBL SERIES #12L-WD-SD125-LP735 DLC WIDE DISTRIBUTION W/ LENS, FRAME AND DOOR FINISH: WHITE	100W INTEGRAL LED	WAREHOUSE		L15	LED DOWN	100 W	N/A	WIDE	>60,000 HRS	3500 K	70
	CFI-FLUXSTREAM 48" LONG LED LINEAR REFLECTOR LUMINAIRE #FSS-4-40L-835-UNV-DIM C/W WIRE GUARD FSSWG4 (WHITE)	31W INTEGRAL LED	JANITOR ROOM WALL MOUNTED CENTERED ON WALL AT 8'-0" A.F.F		L16	LED STRIP	31 W	N/A	N/A	>50,000 HRS	3500 K	80
	EMERGENCY LIGHTING REFER TO SECTION 26 51 14 OF THE SRRS		RETAIL, BOH & SERVICE PLATFORM		L17		6 W	N/A			3000 K	80
	EXTERIOR 1-WAY LIGHT FIXTURE (DOWN ONLY) BY: SISTEMALUX IGUZZINI KRISS DOWNLIGHT #1-5688-SP1001175 W/ 26 WATT BRIDGELUX LED INTEGRATED WITH RECESSED JUNCTION BOX FINISH: ANTHRACITE (DARK GRAY) CONTACT: BOZENA MALANCZAK TEL: 416-408-3995 EXT. 222	26W INTEGRAL LED	REFER TO EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS. TO BE CENTERED HORIZONTALLY ON PROJECTED BRICK PIERS		L19	INTEGRATED BRIDGELUX MODULE	26 W	N/A	N/A	>50,000 HRS	3000 K	80

LIGHTING DRAWINGS GENERAL NOTES:

- ALL T8/T5 LAMP SPECIFICATIONS MUST USE ONE OF THE FOUR APPROVED MANUFACTURERS; GENERAL ELECTRIC, OSRAM SYLVANIA, PHILIPS LIGHTING, ACUTY LIGHTING.
- ALL BALLAST SPECIFICATIONS MUST USE ONE OF THE FOUR APPROVED MANUFACTURERS; ADVANCE, OSRAM SYLVANIA, UNIVERSAL MAGNETECK, VENTURE.
- ELECTRICAL ENGINEER'S DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL R.C.P. AND LIGHTING LEGEND.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE LAMP PACKAGE AND ANY ASSOCIATED COORDINATION.
- ALL LIGHT FIXTURES SHALL BE INSTALLED BY ELECTRICAL CONTRACTOR.
- THE ELECTRICAL CONTRACTOR SHALL REVIEW FIXTURE QUANTITY RECEIVED AND REPORT ANY FIXTURE QUANTITY DISCREPANCY TO LCBO PROJECT MANAGER.
- ALL LIGHT FIXTURES SHALL BE SUPPLIED BY (ENS), INSTALLED BY THE ELECTRICAL CONTRACTOR.
- COORDINATE EXACT LOCATION OF ALL LUMINAIRES, SWITCHES, WIRING DEVICES, ETC. SHALL BE COORDINATED WITH INTERIOR DESIGNER REFLECTED CEILING PLAN AND WALL ELEVATION DRAWINGS AND WITH THE SITE CONDITION PRIOR TO INSTALLATION AND/OR ROUGHING-IN UNLESS OTHERWISE NOTED.
- THE LIGHTING SPECIFICATION FOR ALL LIGHT FIXTURES NOTED ON THE LEGEND OF DRAWING E-1 SHALL SUPERSEDE WHAT IS INDICATED IN SPECIFICATION SECTION 26 51 14 FOR THE SAME LIGHT.

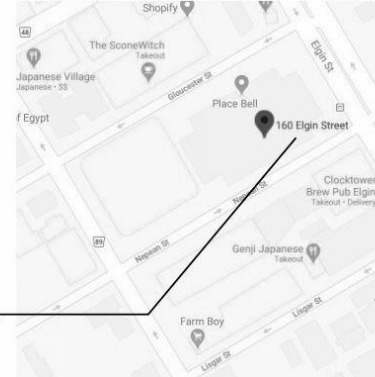


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Context Plan



General Notes

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- VERIFY ALL DIMENSIONS.
- DO NOT SCALE DRAWINGS
- CHECK DRAWINGS AGAINST SPECIFICATIONS.
- USE THE LATEST REVISED DRAWINGS ONLY.
- REPORT ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SCHEDULES, DISCOVERED ERRORS, OR OMISSIONS, TO THE ARCHITECT AND LCBO DURING TENDER PERIOD AND BEFORE PROCEEDING WITH ANY WORK.
- DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ARCHITECT, AND MUST BE RETURNED UPON COMPLETION OF WORK.
- TO VIEW A LIST OF BIDDERS FOR THIS PROJECT, PLEASE GO TO: WWW.BIDDINGO.COM/LCBO

4	2020/09/10	Issued for Permit & Tender	MP
3	2020/08/13	80% Drawing Review	MP
2	2020/04	80% Drawing Review	MP
1	2020/03/23	30% Drawing Review	MP
Rev.	Date	Description	Initial



Issued for Permit & Tender

Issued for:	
Issue Date:	2020/09/10
Project No.:	171-02500-F1
Scale:	
Drawn By:	MP
Checked By:	MP

LCBO Store No. 547
ELGIN, ON
Interior Fit-up

Project:

LUMINAIRES SCHEDULE

Drawing Title:

E-2

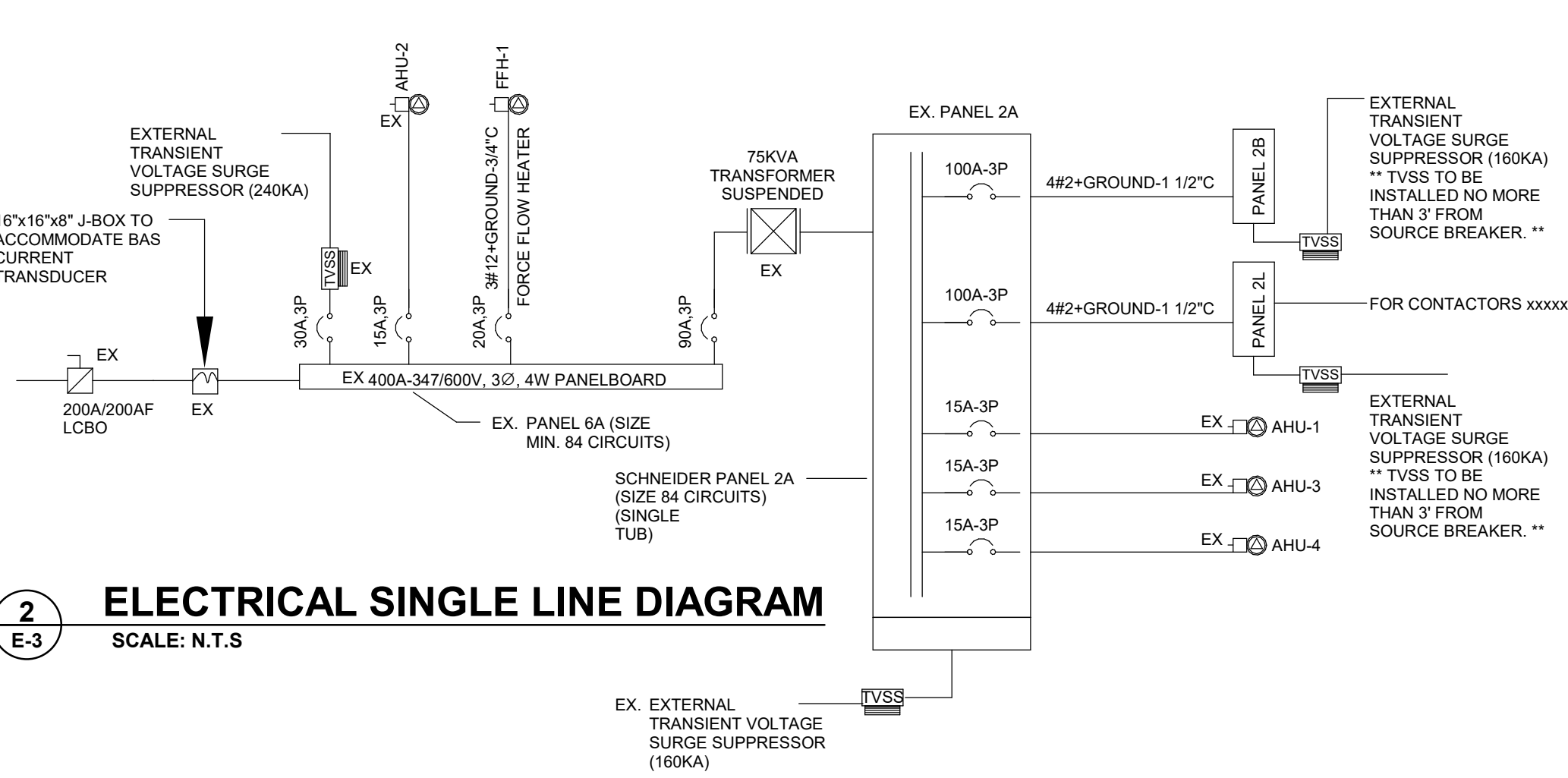
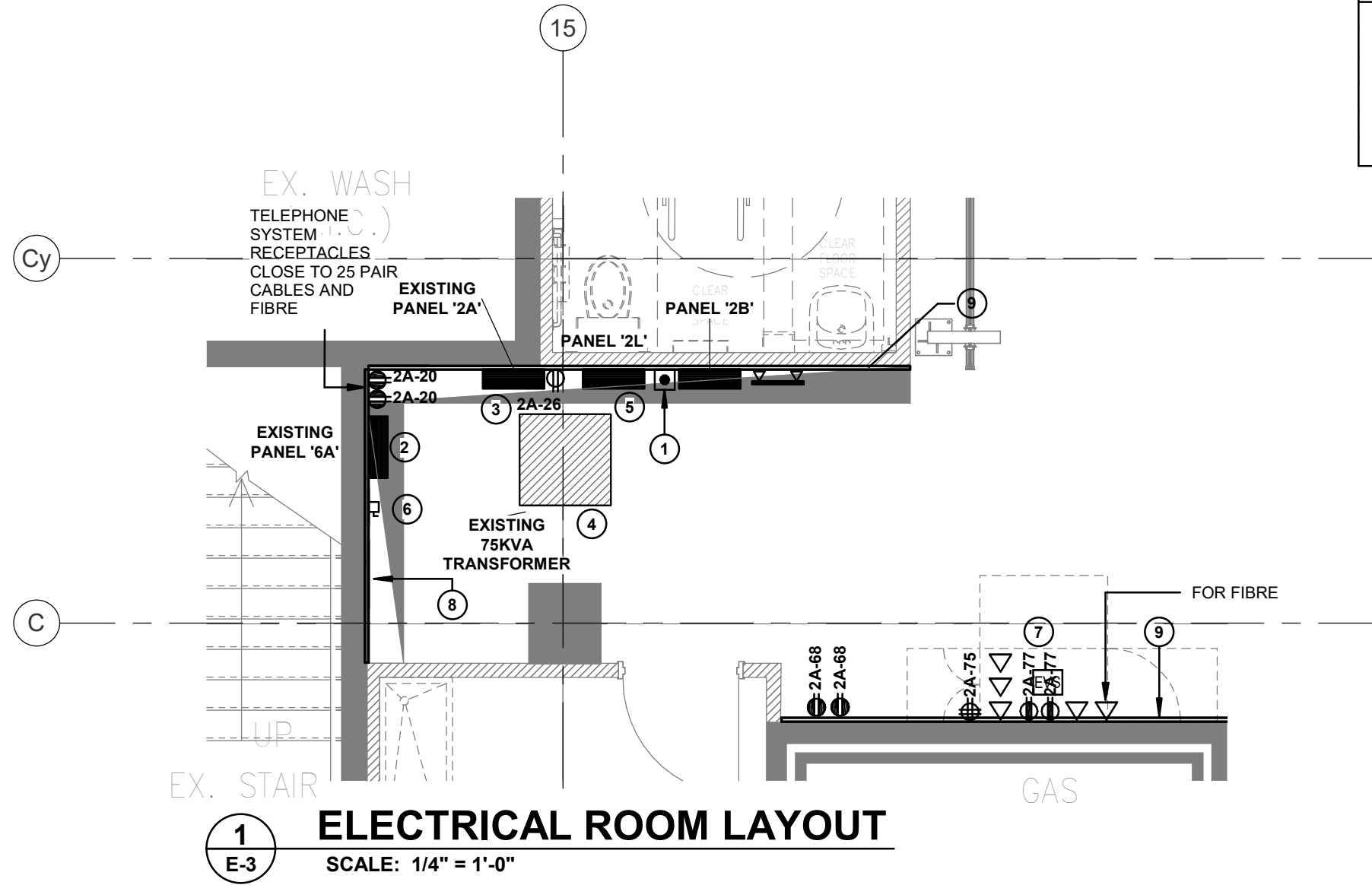
R4

Sheet No.:

Rev:

PANEL: 2L														NEW EXISTING	
LOAD DESCRIPTION	NOTE	BRKR	CCT No.	A	B	C	CCT No.	BRKR	NOTE	LOAD DESCRIPTION					
EXIT SIGNAGE + BATTERY UNITS	*	15 A	1	8 / 44			2	20 A		ZONE1 - VESTIBULE LIGHTING					
ZONE 2 - CASH DESK LIGHTING		20 A	3		158 / 0		4	15 A	--						
ZONE 1 - EMPLOYEE WAREHOUSE		20 A	5			500 / 211	6	20 A		ZONE 1 - RETAIL CUSTOMER LIGHTING					
ZONE 2 - CUSTOMER WAREHOUSE		20 A	7	200 / 186			8	20 A		ZONE 2 - RETAIL CUSTOMER LIGHTING					
NIGHT LIGHTING		20 A	9		256 / 500		10	15 A		ZONE 4 - LCBO CHANNEL LETTERS					
ZONE 1 - EMPLOYEE TRACK LIGHTING		20 A	11			825 / 500	12	15 A		ZONE 4 - LCBO LETTER SIGNAGE					
ZONE 1 - EMPLOYEE TRACK LIGHTING		20 A	13	640 / 250			14	15 A		ZONE 2 - LCBO INTERIOR SIGNAGE					
ZONE 3 - RETAIL TRACK LIGHTING		20 A	15		60 / 0		16	20 A	--						
ZONE 3 - RETAIL TRACK LIGHTING		20 A	17			425 / 0	18	20 A	--						
ZONE 3 - RETAIL VALENCE LIGHTING		20 A	19	2465 / 0			20	20 A	--						
WASHROOM & STAFF AREA LIGHTING		20 A	21		485 / 0		22	20 A	--						
ZONE 3 - GIFT / SPIRITS LIGHTING		15 A	23			1389 / 0	24	20 A	--						
ZONE 3 - COOLER DAIRY LIGHTING		20 A	25	1750 / 0			26	20 A	--						
--	--	20 A	27		0 / 0		28	20 A	--						
--	--	20 A	29			0 / 0	30	20 A	--						
--	--	20 A	31	0 / 0			32	20 A	--						
ZONE1 - EXHAUST FAN EF-2		15 A	33		696 / 0		34	20 A	--						
--	--	20 A	35			0 / 0	36	20 A	--						
--	--	20 A	37	0 / 0			38								
--	--	20 A	39		0 / 0		40	30 A	--	TVSS					
LIGHTING CONTACTOR		15 A	41			250 / 0	42								
VOLTAGE: 120/208 V				PHASE A: 5.5 kVA			RECESSED: <input type="checkbox"/>								
PHASE: 3				PHASE B: 2.2 kVA			SURFACE: <input checked="" type="checkbox"/>								
WIRE: 4				PHASE C: 4.1 kVA			DRIP HOOD: <input type="checkbox"/>								
MAINS: 225 A				TOTAL CONNECTED LOAD: 11.8 kVA			FEED THROUGH LUGS: <input type="checkbox"/>								
KAIC RATING: 22kA				TOTAL DEMAND LOAD: 11.0 kVA			MAIN BREAKER: <input type="checkbox"/>								
LOCATION:										# DENOTES NEW BREAKER					
FED FROM: 2A										* DENOTE LOCK-ON TYPE BREAKER					
										** DENOTES GFCl TYPE BREAKER					
NOTES:															
1. ALL BREAKERS ARE NEW															
2. PANEL TO BE IN AN EEMAC 2 ENCLOSURE, GASKETED, SPRINKLER PROOF C/W DRIP SHIELD & DOOR.															
3. WHERE NO DESCRIPTION IS SHOWN, SUPPLY SPARE BREAKER AS SHOWN.															
4. REFER TO DETAIL 2 ON DRAWING E-6 FOR TYPICAL WIRING DETAIL OF LIGHTING CONTACTOR AND TIMER SWITCH.															

DEMAND LOAD CALCULATION										
EQUIPMENT NAME	LIGHTING		RECEPTACLES		MISC. POWER		HVAC LOAD		REFRIGERATION	
	LOAD	DEMAND FACTOR	LOAD	DEMAND FACTOR	LOAD	DEMAND FACTOR	LOAD	DEMAND FACTOR	LOAD	DEMAND FACTOR
Panel 6A	8.10 kW	1.00	19.18 kW	0.75	9.70 kW	0.75	38223 VA	1.00	4.68 kW	4682 VA
Panel 2A	8.10 kW	1.00	19.18 kW	0.75	9.70 kW	0.75	10073 VA	1.00	4.68 kW	4682 VA
Panel 2L	8.10 kW	1.00	3.00 kW	0.75			696 VA	1.00		11.05 kW
EXISTING 75KVA TRANSFORMER	8.10 kW	1.00	19.18 kW	0.75	9.70 kW	0.75	10073 VA	1.00	4.68 kW	4682 VA
Panel 2B					3.00 kW	0.75	3199 VA	1.00	4.68 kW	4682 VA



ELECTRICAL DISTRIBUTION KEYNOTES

- 1 PROVIDE A NORMALLY CLOSED PUSH BUTTON AT ELECTRICAL DISTRIBUTION AREA (60\"/>

ELECTRICAL DISTRIBUTION GENERAL NOTES:

1. NEW PANEL LP-2L, 225A, 120/208V, 3Ø, 4W SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR. PANEL '2L' SHALL BE 'SCHNEIDER NQ442L2C PANELBOARD (225A @ 120/208V, 3Ø, 4W, 42 CCT). BREAKER QUANTITY TO SUIT PANEL SCHEDULES. SEE SRRS FOR PANEL SPECIFICATION.
2. (**NOT USED**) COLD BOX PLC CONTROLLER SHALL BE SUPPLIED BY REFRIGERATION CONTRACTOR- CONDUIT AND WIRING FOR PLC CONTROLLER BY ELECTRICAL CONTRACTOR. PLC CONTROLLER LOCATION SHALL BE COORDINATED ON SITE WITH REFRIGERATION CONTRACTOR.
3. 600V NEUTRAL SHALL BE BONDED AND GROUNDED AS PER ONTARIO ELECTRICAL SAFETY CODE.
4. (**NOT USED**) PROVIDE 1/2\"/>

PANEL: 6A											□ NEW ⊗ EXISTING	
LOAD DESCRIPTION	NOTE	BRKR	CCT No.	A	B	C	CCT No.	BRKR	NOTE	LOAD DESCRIPTION		
(EX) AIR HANDLING UNIT (AHU-2)		15 A	1	2717 / 0			2			(EX) TVSS		
			3		2717 / 0		4	30 A	--			
			5			2717 / 0	6					
EXISTING 75KVA TRANSFORMER		90 A	7	16232 / ...			8			FFH-1		
			9		17327 / ...		10	20 A				
			11			18479 / 0	12					
			13	0 / 0			14	--	--			
			15		0 / 0		16	--	--			
			17			0 / 0	18	--	--			
--	--	--	19	0 / 0			20	--	--			
--	--	--	21		0 / 0		22	--	--			
--	--	--	23			0 / 0	24	--	--			
--	--	--	25	0 / 0			26	--	--			
--	--	--	27		0 / 0		28	--	--			
--	--	--	29			0 / 0	30	--	--			
--	--	--	31	0 / 0			32	--	--			
--	--	--	33		0 / 0		34	--	--			
--	--	--	35			0 / 0	36	--	--			
--	--	--	37	0 / 0			38	--	--			
--	--	--	39		0 / 0		40	--	--			
--	--	--	41			0 / 0	42	--	--			
--	--	--	43	0 / 0			44	--	--			
--	--	--	45		0 / 0		46	--	--			
--	--	--	47			0 / 0	48	--	--			
--	--	--	49	0 / 0			50	--	--			
--	--	--	51		0 / 0		52	--	--			
--	--	--	53			0 / 0	54	--	--			
--	--	--	55	0 / 0			56	--	--			
--	--	--	57		0 / 0		58	--	--			
--	--	--	59			0 / 0	60	--	--			
--	--	--	61	0 / 0			62	--	--			
--	--	--	63		0 / 0		64	--	--			
--	--	--	65			0 / 0	66	--	--			
--	--	--	67	0 / 0			68	--	--			
--	--	--	69		0 / 0		70	--	--			
--	--	--	71			0 / 0	72	--	--			
--	--	--	73	0 / 0			74	--	--			
--	--	--	75		0 / 0		76	--	--			
--	--	--	77			0 / 0	78	--	--			
--	--	--	79	0 / 0			80	--	--			
--	--	--	81		0 / 0		82	--	--			
--	--	--	83			0 / 0	84	--	--			
VOLTAGE: 347/600 V			PHASE A: 28.9 kVA				RECESSED: □					
PHASE: 3			PHASE B: 30.0 kVA				SURFACE: ⊗					
WIRE: 4			PHASE C: 21.2 kVA				DRIP HOOD: □					
MAINS: 400 A			TOTAL CONNECTED LOAD: 80.2 kVA				FEED THROUGH LUGS: □					
KAIC RATING: 10kA			TOTAL DEMAND LOAD: 73.0 kVA				MAIN BREAKER: □					
LOCATION: FED FROM:							# DENOTES NEW BREAKER * DENOTE LOCK-ON TYPE BREAKER ** DENOTES GFCI TYPE BREAKER					
NOTES: 1. PANEL TO BE IN AN EEMAC 2 ENCLOSURE, GASKETED, SPRINKLER PROOF C/W DRIP SHIELD & DOOR 2. ALL BREAKERS NOT CONNECTED TO ANY LOAD CIRCUIT SHALL BE TURNED TO OFF POSITION 3. REVISE THE PANEL SCHEDULES AND BREAKER POSITION REGARDLESS OF EXISTING BREAKER ARRANGEMENT IN EXISTING PANEL. 4. PROVIDE LAMACOID LABEL TO IDENTIFY PANEL NAME, SIZE, SOURCE OF ELECTRICAL SUPPLY AND CIRCUIT NUMBER AS APPLICABLE FOR PANEL AND ALL CONNECTED EQUIPMENT REGARDLESS IF NOT INSTALLED BY THIS CONTRACTOR.												



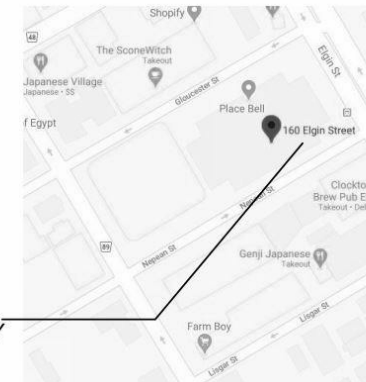
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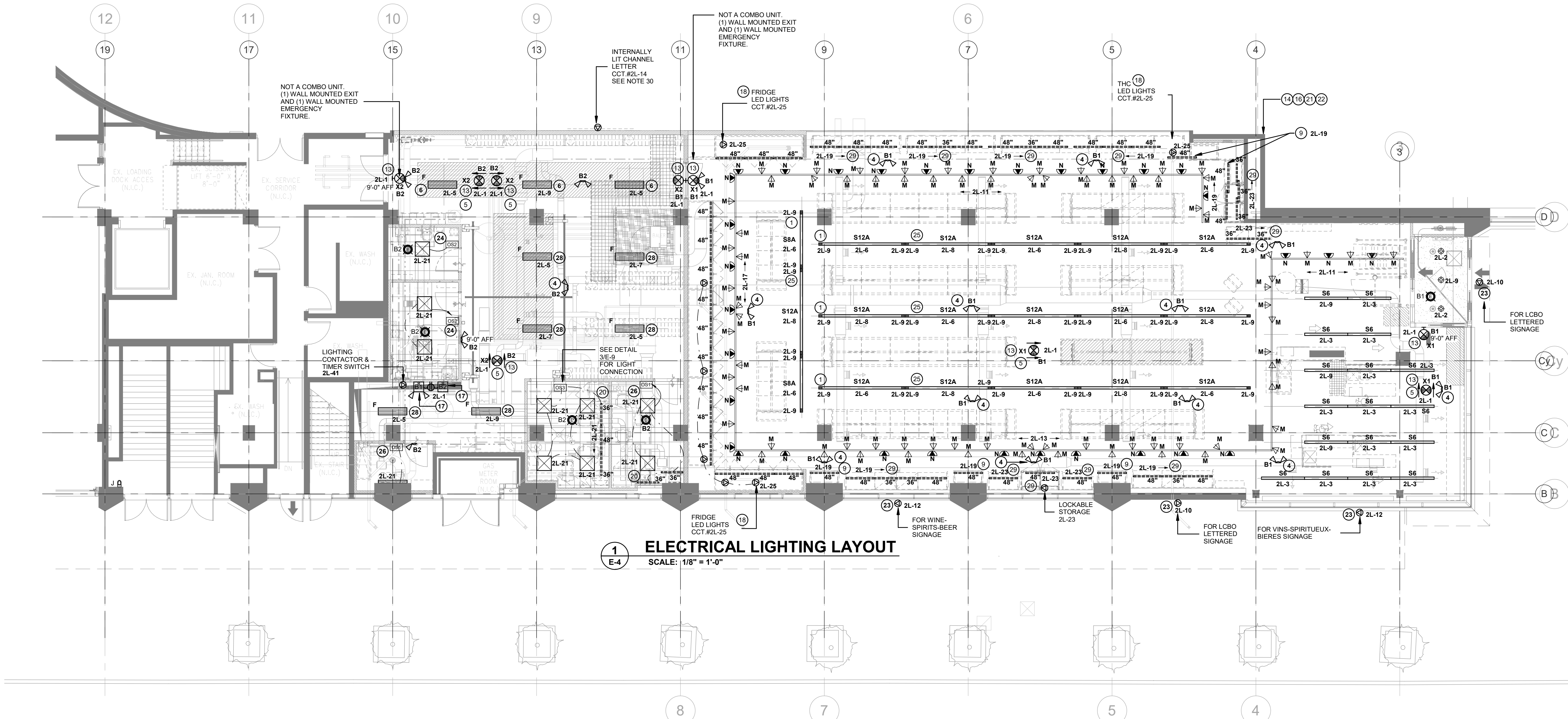
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Context Plan



General Notes

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1 ELECTRICAL LIGHTING LAYOUT

SCALE: 1/8" = 1'-0"

ELECTRICAL LIGHTING GENERAL NOTES:

1. EXACT LOCATIONS OF ALL LIGHT FIXTURES, SWITCHES ETC. SHALL BE CO-ORDINATED WITH OTHER TRADES AND ON SITE PRIOR TO INSTALLATION AND/OR ROUGHING-IN.
2. FOR TYPE OF SWITCHES FACE PLATES AND FINISH COLOUR, COORDINATE WITH SRRS AND ARCHITECTURAL DRAWING. TYPICAL FOR ALL LCBO SPACE.
3. NIGHT LIGHT FIXTURE LOCATIONS ARE SHOWN AT DESIRED POINTS. CONTRACTOR TO CONNECT TO THE DESIGNATED CIRCUIT AND MAKE IT UNSWITCHED AS REQUIRED.
4. PROVIDE NEW SUPPORT CHAIN FOR ALL CEILING MOUNTED LIGHT FIXTURES TO COMPLY THE ESA CODE. SUPPORT ALL LUMINAIRES DIRECTLY TO CEILING JOIST/SLAB STRUCTURE. NOT TO CEILING HANGERS, DUCTWORK, PIPING, CABLE TRAYS, ETC. COORDINATE WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR SUSPENSION DETAIL.
5. ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL THREADED ROD AND UNISTRUTS FOR SUSPENDING THE RETAIL AREA TRACK LIGHT FIXTURES. TREADED RODS SHALL BE SPACED OUT BETWEEN THE TRACK SUCH THAT TRACK IS FREE FROM ANY DEFLECTION DUE TO SUSPENDED WEIGHT OF THE TRACK HEAD AND TRACK FIXTURES (TYPICAL). UNISTRUTS SHALL BE INSTALLED ON TOP OF ROOF JOIST LOCATED BETWEEN THE ROOF DECK FLUTES NOT ON THE BOTTOM CORD. SEE DETAIL ON DRAWING E-3.5.
6. TRACK LIGHT FIXTURES ARE SHOWN AS OVERALL LENGTH OF TRACK. ELECTRICAL CONTRACTOR TO ENSURE THAT ALL ACTUAL TRACK LENGTH FIT THE INTENDED DESIGN LAYOUT. ELECTRICAL CONTRACTOR SHALL FIELD ADJUST TRACK TO SUIT ACTUAL LENGTH.
7. FLUORESCENT LIGHT FIXTURES AT PERIMETER BULKHEADS TO BE STAGGERED TO AVOID DARK SPOTS. GC TO PROVIDE QUANTITY OF LIGHTS TO SUIT LENGTH OF BULKHEADS.
8. EACH REFRIGERATED CASE REQUIRES 120V. CONNECTION UP HIGH AT THE FLUORESCENT LIGHT SWITCH AND FIXTURES SWITCH. FIXTURES & LAMPS SUPPLIED BY REFRIGERATOR CONTRACTOR. POWER SUPPLY TO SWITCH AND BALLAST BY ELECTRICAL CONTRACTOR. VERIFY THE LOCATION OF CONNECTION POINT PRIOR TO ROUGH-IN ON SITE.
9. ALL ELECTRICAL CABLES SHALL BE CUT AND ADJUSTED FOR ALL SUSPENDED LIGHT FIXTURES SUCH THAT ELECTRICAL CABLE SHALL BE PARALLEL TO STEM ROD/AIRCRAFT CABLES AND NOT VISIBLE FROM RETAIL AREA.
10. ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL AIR CRAFT CABLES AND UNISTRUTS FOR SUSPENDING THE RETAIL & WAREHOUSE AREA ALL LIGHT FIXTURES. NO LIGHT FIXTURES SHALL BE FASTENED AND SUSPENDED BY CABLES FROM ROOF DECK. PROVIDE ADDITIONAL UNISTRUT BETWEEN THE JOIST TO THE AIRCRAFT CABLE FOR SUSPENDING THE LIGHT FIXTURES (TYPICAL). UNISTRUTS SHALL BE INSTALLED ON TOP OF ROOF JOIST LOCATED BETWEEN THE ROOF DECK FLUTES NOT ON THE BOTTOM CORD. SEE DETAIL ON DRAWING E-3.5.
11. "IMPORTANT NOTE" COORDINATE WITH HVAC, PLUMBING AND FIRE PROTECTION DRAWINGS AND RESPECTIVE CONTRACTORS ON-SITE. REPORT ALL DISCREPANCIES AND INTERFERENCES TO THE CONSULTANT AND LCBO COORDINATOR PRIOR TO LIGHTING INSTALLATION.

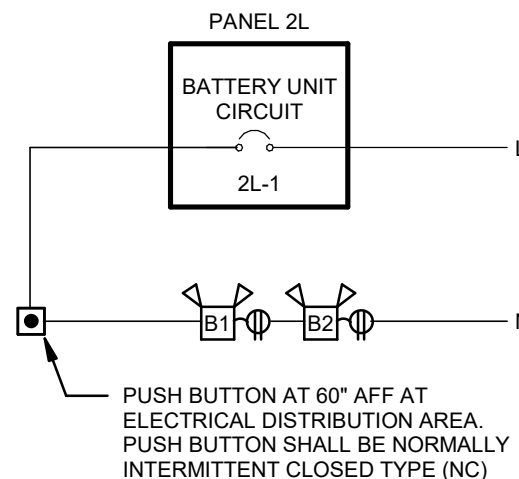
ELECTRICAL LIGHTING KEYNOTES:

1. WHERE A NIGHT LIGHT CIRCUIT IS SHOWN FOR A LINEAR 8'-0" OR LONGER RETAIL FIXTURE, LIGHT FIXTURE MUST HAVE A SEPARATE INTERNAL JUNCTION BOX FOR THE NIGHT LIGHT CIRCUIT. CONTRACTOR MUST COORDINATE THIS WITH THE MANUFACTURER FOR THE ELECTRICAL ADDITIONAL JUNCTION BOX PRIOR TO ORDER. OTHERWISE CONTRACTOR HAS TO FIELD WIRING ON SITE FOR EACH NIGHT LIGHT FIXTURE AT CONTRACTOR'S OWN COST. (TYPICAL).
2. ("NOT USED") WHERE REFERENCE IS MADE TO THIS NOTE ON PLAN, AWNING LIGHT FIXTURES SHALL BE SUPPLIED AND INSTALLED AT 14'-1" AFF BY LCBO SIGNAGE VENDOR. CONDUIT AND WIRING WITH DESIGNATED CIRCUIT BY ELECTRICAL CONTRACTOR. TYPICAL FOR ALL AWNING LIGHT FIXTURES.
3. ("NOT USED") LOCATION OF OCTAGON BOXES PROVIDED BY LANDLORD FOR EXTERIOR LIGHTS AT 11'-5" AFF UNDER SIDE OF ROOF DECK. EXTERIOR LIGHT FIXTURES SHALL BE SUPPLIED BY ENS AND INSTALLED BY ELECTRICAL CONTRACTOR. PROVIDE CONDUIT AND WIRING WITH DESIGNATED CIRCUIT AS SHOWN. TYPICAL FOR ALL EXTERIOR LIGHT FIXTURES. CONDUCTOR TO BE OVERSIZED TO SUIT VOLTAGE DROP.
4. WHERE REFERENCE IS MADE TO THIS NOTE ON PLAN EMERGENCY REMOTE HEADS SHALL BE SUSPENDED BY STEM ROD TO SUIT THE HIGH CEILING AREA. PROVIDE REQUIRED HARDWIRES, CONDUIT AND WIRING TO SUIT. MOUNTING HEIGHT FOR EMERGENCY REMOTE HEAD SHALL BE SAME AS SUSPENDED LIGHT FIXTURE. COORDINATE ON SITE FOR FINAL HEIGHT FROM FINISHED FLOOR. SEE DETAIL ON DRAWING 6/E-8.
5. WHERE REFERENCE IS MADE TO THIS NOTE ON PLAN, EXIT LIGHT SHALL BE SUSPENDED BY STEM ROD TO SUIT THE HIGH CEILING AREA. PROVIDE REQUIRED HARDWIRES, CONDUIT AND WIRING TO SUIT. MOUNTING HEIGHT FOR EXIT SIGN SHALL BE LOWER THAN THE SUSPENDED LIGHT FIXTURE. COORDINATE ON SITE FOR FINAL HEIGHT FROM FINISHED FLOOR. SEE DETAIL ON DRAWING 4/E-8.
6. ALL SUSPENDED FLUORESCENT LIGHT FIXTURES IN WAREHOUSE AREA TO BE MOUNTED AT HIGH LEVEL EVEN WITH UNDERSIDE OF "QWVS" AND BETWEEN THE BEAM JOISTS UNLESS OTHERWISE NOTED. COORDINATE ALL LIGHTING FIXTURE MOUNTING HEIGHTS TO BE BELOW OTHER TRADE WORKS TO AVOID SHADOWING AND LOSS OF LIGHT (TYPICAL).
7. WHERE REFERENCE IS MADE TO THIS NOT ON PLAN, CONTRACTOR TO CONNECT THE MILL WORK BUILT-IN LIGHT FIXTURE FROM ADJACENT LIGHT CIRCUIT.
8. ("NOT USED") LOCATION OF EXISTING OCTAGON BOX PROVIDED BY LANDLORD FOR LCBO STORE SIGNAGE (BOX RECESSED WITHIN WALL, MOUNTED AT 14'-0" AFF UNDERSIDE OF ROOF DECK. COORDINATE WITH LCBO ARCHITECTURAL ELEVATIONS DRAWINGS FOR EXACT LOCATION AND DIMENSIONS. PROVIDE DRILL THROUGH AT EACH LETTER AND PLACE A LOW VOLTAGE TRANSFORMER IN THE STORE INTERIOR FOR POWER CONNECTION BY LCBO ELECTRICAL CONTRACTOR. TRANSFORMER TO BE LOCATED ON NEAR SIGNAGE. ELECTRICAL CONTRACTOR TO COORDINATE EXACT LOCATIONS/REQUIREMENTS WITH SIGNAGE VENDOR PRIOR TO INSTALL. PROVIDE POWER WIRING AND CONDUIT FROM PANEL 2L TO SUIT. CONTRACTOR TO COORDINATE WITH LCBO ARCHITECTURAL ELEVATIONS DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS.
9. PROVIDE CONNECTION TO PERIMETER STRIP LIGHTS ON BACK SIDE OF FASCIA OF BAND LIGHTS. PROVIDE CONDUIT AND WIRING FOR THE FASCIA BAND LIGHTS CONNECTION. ALL ELECTRICAL CONDUIT AND WIRING CONNECTION TO THE BALLAST FOR ALL PERIMETER LIGHT FIXTURES BY ELECTRICAL CONTRACTOR.
10. ("NOT USED") DAYLIGHT HARVESTING (INTERNAL LIGHT SENSOR), MOUNTED UNDERSIDE CEILING AT THIS LOCATION. SENSOR TO CONTROL FRONT LIGHTING CIRCUIT AND WIRE AFTER G4 POWER LINK LIGHTING CONTROLLER. B.A.S. AND G4 POWER LINK CONTROLLER TO CONTROL. TURNS LIGHTS ON/OFF. DAYLIGHT SENSOR TO TURN FRONT LIGHTING OFF WHEN LIGHTING LEVEL IS ABOVE SET POINT. DAY LIGHTING HARVESTING SENSOR SHALL BE SUPPLIED AND INSTALLED BY B.A.S. CONTRACTOR.
11. ("NOT USED") ALL MILL WORK AND PERIMETER VALENCE LIGHT FIXTURES IN RETAIL, VINTAGE AND COLD ROOM AREA SHALL BE SUPPLIED BY ENS AND INSTALLED BY ELECTRICAL CONTRACTOR COMPLETE WITH CONDUIT AND WIRING. LIGHT FIXTURES LENGTH TO SUIT MILL WORK LENGTH.
12. ("NOT USED") PROGRAM AND COMMISSIONING LOW VOLTAGE B.A.S. SYSTEM THROUGH "G4 POWER LINK" CONTROLLER BUILT-IN WITH LIGHTING CONTROL PANEL SHALL BE PERFORMED BY LIGHTING AUTOMATION CONTROLS CONTRACTOR. ALL COST SHALL BE CARRIED BY GENERAL CONTRACTOR.
13. SHOW NEW EXIT SIGNS WHERE SHOWN. 120V, SINGLE/DOUBLE FACE COMPLETE WITH PICTOGRAM (RUNNING MAN ARROW) AS SHOWN ON DRAWING. NEW EXIT SIGNS SHOULD BE CONNECTED FROM BATTERY UNIT 24V DC AND 120V AC CIRCUIT. ACCEPTABLE: BEGHELLI, EMERGLITE, READY-LITE. SEE EMERGENCY LIGHTING SCHEDULE BELOW FOR SPECIFICATION.
14. PROVIDE IN CONTRACT PRICE FOR TOTAL OF TWO (2) ADDITIONAL EMERGENCY EXIT LIGHT (LAE SERIES) AND TWO (2) EMERGENCY REMOTE LIGHT (1 RECESSED & 1 SURFACE MOUNTED) WITH 60'-0" OF CONDUIT AND WIRING FOR EACH DEVICE TO SUIT INSPECTORS ADDITIONAL REQUIREMENTS. PROVIDE CREDIT AT THE END OF PROJECT IF SPARE DEVICES ARE NOT INSTALLED/REQUIRED.
15. ("NOT USED") MILL WORK LIGHT FIXTURE FOR GIFT FIXTURE SHALL BE SUPPLIED BY ENS AND INSTALLED BY ELECTRICAL CONTRACTOR. LIGHT FIXTURE WIRING SHALL BE PER GIFT FIXTURE MILLWORK DETAIL. SHALL BE CONNECTED TO EXISTING RECEPTACLE PROVIDED BY LANDLORD MOUNTED BELOW WINDOW SILL SHOWN ON DRAWING E-1.2. PROVIDE A PLUG FOR EACH GIFT FIXTURE IN ORDER TO CONNECT THE LIGHT FIXTURE AS PER MILL WORK DETAIL. VERIFY ON SITE FOR THE RECEPTACLES PRIOR TO CONNECTION OF THE LIGHT FIXTURE. (TYPICAL).
16. MOUNTING HEIGHT OF LIGHT SWITCHES SHALL BE 900-1100mm AFF AND SHALL BE COORDINATED WITH ARCHITECTURAL DRAWING.

17. CONNECT EMERGENCY LIGHTING FIXTURES AND NEW BATTERY UNIT TO 120V AND 24DC CIRCUITS AS SHOWN. CONNECT THE REMOTE EMERGENCY FIXTURES TO BATTERY UNIT WITH #10 AWG COPPER WIRE MINIMUM. PROVIDE LARGER GAUGE TO MAINTAIN THE 5% MAXIMUM VOLTAGE DROP AS PER ELECTRICAL SAFETY CODE AND AS RECOMMENDED BY THE MANUFACTURER. EACH BATTERY UNIT TO BE COMPLETE WITH A MINIMUM OF 4 CIRCUITS OR TERMINAL BLOCKS WITH SEPARATE FUSES. CONNECT REMOTE FIXTURES TO TERMINAL BLOCKS AS INDICATED BY THE CIRCUIT NUMBER PROVIDE A COMPLETE TESTING OF SYSTEM AND MEASUREMENT OF LIGHT LEVELS TO OBTAIN LOCAL INSPECTION APPROVALS AND PERMITS. A MANUFACTURER'S AUTHORIZED TECHNICIAN SHALL PREPARE AND PROVIDE A SIGNED TEST REPORT VERIFYING THAT THE SYSTEM IS PROPERLY WORKING AND THAT LIGHT LEVELS MEET LOCAL CODE REQUIREMENTS. INCLUDE REQUIRED TEST MEASUREMENTS IN REPORT, AND SUBMIT TO CONSULTANT. ALL COST SHALL BE INCLUDED IN THIS CONTRACT. ALL BATTERY UNIT AND SURFACE MOUNTED EMERGENCY REMOTE HEAD SHALL BE INSTALLED AT 9'-0" AFF UNLESS OTHERWISE NOTED.
18. ALL CONNECTION TO LED LIGHTING (INTEGRAL TO THE DAIRY DOORS) COMPLETE WITH CONDUIT AND WIRING BY ELECTRICAL CONTRACTOR.
19. ("NOT USED") LED DOWN LIGHT RECESSED FIXTURES IN CANOPY. ROUGH-INS AND LIGHT FIXTURES PROVIDED BY LANDLORD ONLY. ELECTRICAL CONTRACTOR TO PROVIDE NEW CONDUIT AND WIRING TO CONNECT FROM PANEL 2L AS SHOWN ON PLAN.
20. SUPPLY AND INSTALL VALENCE FLUORESCENT STRIP LIGHT IN OFFICE AND STAFF ROOM MILLWORK. REFER TO LCBO ARCHITECTURAL MILLWORK ELEVATION FOR EXACT LOCATION AND DIMENSIONS.
21. REFER TO ARCHITECTURAL DRAWINGS FOR QUANTITY AND LOCATION OF ALL LIGHTING FIXTURES. THE FIXTURE QUANTITY INDICATED ON THE FIXTURE SCHEDULE IS FOR INFORMATION ONLY. THE CONTRACTOR SHALL COMPARE THE LIGHTING LAYOUT WITH THE FIXTURE SCHEDULE AND REPORT ALL DISCREPANCIES TO THE ARCHITECT DURING TENDER. IF A CLARIFICATION REGARDING THE DISCREPANCIES HAS NOT BEEN ISSUED DURING THE TENDER PERIOD THE CONTRACTOR SHALL INCLUDE THE MAXIMUM CONDITION IN THE TENDER PRICE.
22. CONTRACTOR SHALL PROVIDE A MINIMUM OF 10% ADDITIONAL LAMP FOR EACH LAMP (EXCEPT LED) TYPE AS SPECIFIED TO LCBO AT THE END OF THE PROJECT. IF THE QUANTITY IS LESS THAN ONE LAMP, THEN ONE LAMP MUST BE SUPPLIED. TURN OVER ALL LAMPS TO THE STORE MANAGER AND OBTAIN SIGNATURE FOR GOODS RECEIVED. INCLUDE A LIST OF LAMP TYPES WITHIN THE MAINTENANCE MANUALS.
23. "LCBO" CHANNEL AND OTHER LETTERED SIGNAGE TO BE INSTALLED AND SUPPLIED SIGNAGE VENDOR. POWER CONNECTION TO BE BY LCBO ELECTRICAL CONTRACTOR. SIGNAGE VENDOR TO PROVIDE DRILL THROUGH AT EACH LETTER AND PLACE A LOW VOLTAGE TRANSFORMER IN THE STORE INTERIOR FOR POWER CONNECTION BY LCBO ELECTRICAL CONTRACTOR. TRANSFORMER TO BE LOCATED ON NEAR SIGNAGE. ELECTRICAL CONTRACTOR TO COORDINATE EXACT LOCATIONS/REQUIREMENTS WITH SIGNAGE VENDOR PRIOR TO INSTALL. PROVIDE POWER WIRING AND CONDUIT FROM PANEL 2L TO SUIT. CONTRACTOR TO COORDINATE WITH LCBO ARCHITECTURAL ELEVATIONS DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS.
24. OCCUPANCY SENSOR "OS2" DIP SWITCH SHALL BE SET SUCH THAT ASSOCIATED LIGHT FIXTURES SHALL BE AUTOMATIC 'ON' AND AUTOMATIC 'OFF'.
25. ELECTRICAL CONTRACTOR MUST COORDINATE WITH THE MANUFACTURER DURING SHOP DRAWING PROCESS FOR THE LIGHTING CIRCUITS FOR EACH PIECES OF LINEAR RETAIL LIGHT FIXTURES. CONTRACTOR MUST MAINTAIN THE LIGHTING ZONE PROVIDING MULTIPLE CIRCUITS AS SHOWN ON LIGHTING LAYOUT. EACH LINEAR LED RETAIL FIXTURES SHALL HAVE TWO CIRCUITS (ONE FOR LINEAR LED FIXTURE AND ONE FOR LED SPOT LIGHT). FAILING TO COORDINATE WITH THE MANUFACTURER FOR THE REQUIRED LIGHTING CIRCUIT. JUNCTION BOXES, IT WILL BE AN ELECTRICAL CONTRACTOR RESPONSIBILITY TO DO THE FIELD WIRING ON SITE TO MAINTAIN THE LIGHTING ZONES. (TYPICAL).
26. OCCUPANCY SENSOR "OS1" SHALL BE MANUAL 'ON' AND AUTOMATICALLY 'OFF' IN THE STAFF ROOM AND JANITOR ROOM AREA. PROVIDE A LAMACOID LABEL BELOW THE SENSORS TO SUIT.
27. ("NOT USED") LIGHT SWITCH TO CONTROL SERVICE PLATFORM LEVEL LIGHT FIXTURE.
28. WAREHOUSE LIGHTING TO BE SUSPENDED ON CHAINS (TYPICAL FOR WAREHOUSE AREA). COORDINATE WITH ARCHITECTURAL DRAWING A-1.03 FOR MOUNTING HEIGHTS.
29. CONTRACTOR IS TO PROVIDE AND INSTALL MILLWORK RECEPTACLES. CONTRACTOR TO PULL AND FEED POWER WIRING THROUGH EXISTING STUBBED UP CONDUIT INSTALLED BY LANDLORD ACCORDINGLY. PROVIDE LIQUID TIGHT BX CABLING TERMINATED TO SINGLE GANG RECEPTACLE BOX. RECEPTACLE BOX TO BE MOUNTED IN FOOT OF MILLWORK FIXTURE. JUNCTION BOX TO THE US OF ROOF DECK FOR STUBBED UP RECEPTACLE TO BE INSTALLED BY LANDLORD BASE BUILDING ELECTRICAL CONTRACTOR. LCBO ELECTRICAL CONTRACTOR TO CONNECT TO POWER PANEL 2L AND CIRCUIT AS SHOWN. VERIFY ON SITE FOR THE SOURCE PANEL CONNECTION AND ROUTE TO PANEL 2L AS REQUIRED. EXTEND CONDUIT AND WIRING TO SUIT. COORDINATE EXACT LOCATION OF FLOOR STUB UPS AND EXACT ROUTING OF POWER FEEDER ON SITE. REFER TO DWGS 1/E-5 AND 2/E-5 FOR DETAILS.
30. WHERE REFERENCE IS MADE TO THIS NOTE ON PLAN, SIGNAGE SHALL BE SUPPLIED AND INSTALLED BY LCBO SIGNAGE CONTRACTOR, CONDUIT AND WIRING WITH DESIGNATED CIRCUIT BY ELECTRICAL CONTRACTOR. JUNCTION BOX AND/OR RECEPTACLE FOR SIGNAGE TO BE INSTALLED BY LANDLORD BASE BUILDING ELECTRICAL CONTRACTOR. POWER TO BE CONNECTED TO LIGHTING PANEL 2L AND CIRCUITED AS SHOWN. VERIFY ON SITE FOR THE SOURCE PANEL CONNECTION AND RE-ROUTE TO PANEL 2L AS REQUIRED. EXTEND CONDUIT AND WIRING TO SUIT. COORDINATE EXACT LOCATIONS ON SITE.

BATTERY UNIT TEST BUTTON CONNECTION DETAIL

SCALE: N.T.S.



EMERGENCY LIGHTING EQUIPMENT SPECIFICATIONS

SUPPLIED BY ENS, INSTALLED BY DIVISION 26

BATTERY UNIT

- 24 VOLT, 120 MINUTES OPERATION, OPERATION ON 120 VOLT SINGLE PHASE, PLUG-IN TYPE, LIGHT ACTIVATED TEST SWITCH, FULLY ADJUSTABLE LIGHTING HEADS CW 6 WATT LED, 591 LUMENS, MR16, SEALED LEAD BATTERY, (10 YEARS), SOLID STATE CHARGER, TEMPERATURE COMPENSATION, SEALED TRANSFER SWITCH, LOW VOLTAGE DISCONNECT, BROWN OUT PROTECTION, BUILT-IN TIME DELAY, BATTERY LOCKOUT CIRCUIT, DUAL DIAGNOSTIC INDICATOR LIGHT, WHITE POLYESTER PAINT, CAT.# RG24S-720-2-LD14-TD-TMBD-TS

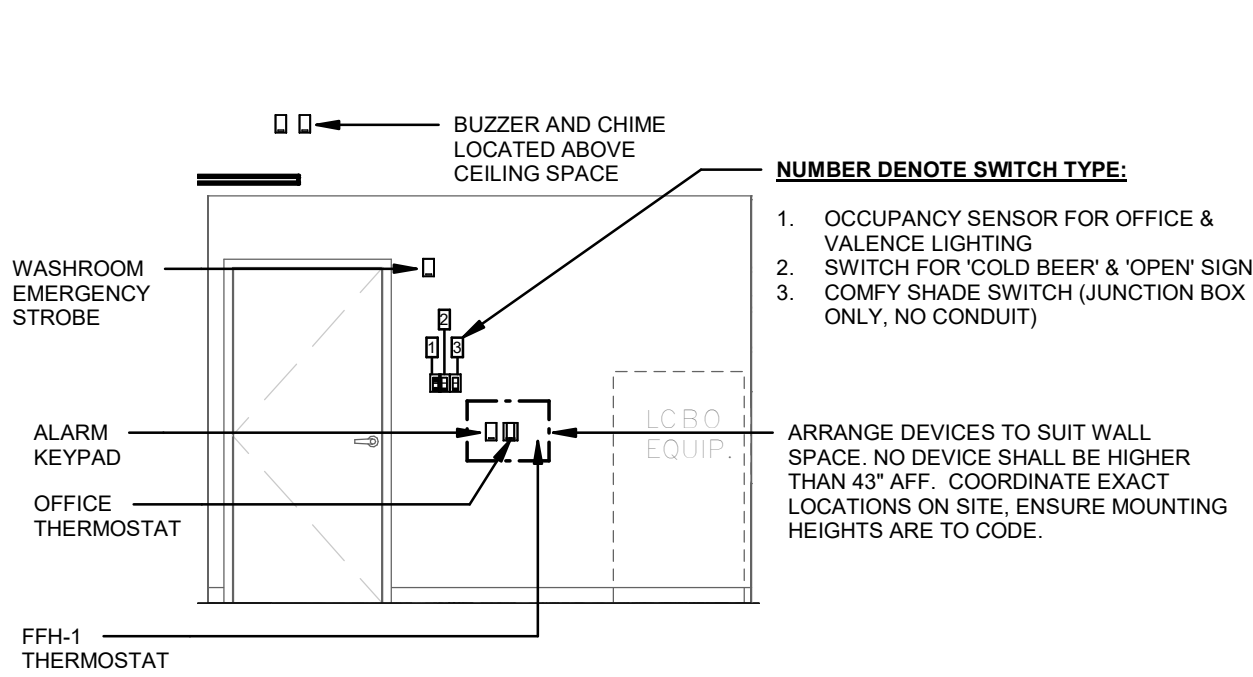
BATTERY UNIT

- NEW 24 VOLT, 6 WATT LED, 591 LUMENS ROUND MR16, FRAME-IN KIT CW INTEGRAL CABLE CLAMPS AND MOUNTING BARS, LUMACELL CAT.# RSTH-19-WH-MR16-LD14
- 24 VOLT, 6 WATT LED, 591 LUMENS, SURFACE ADJUSTABLE, DOUBLE HEAD LUMACELL, CAT.# M-QM-2-LD14
- 24 VOLT, 6 WATT LED, 591 LUMENS SURFACE ADJUSTABLE, SINGLE HEAD LUMACELL, CAT.# M-QM-LD14

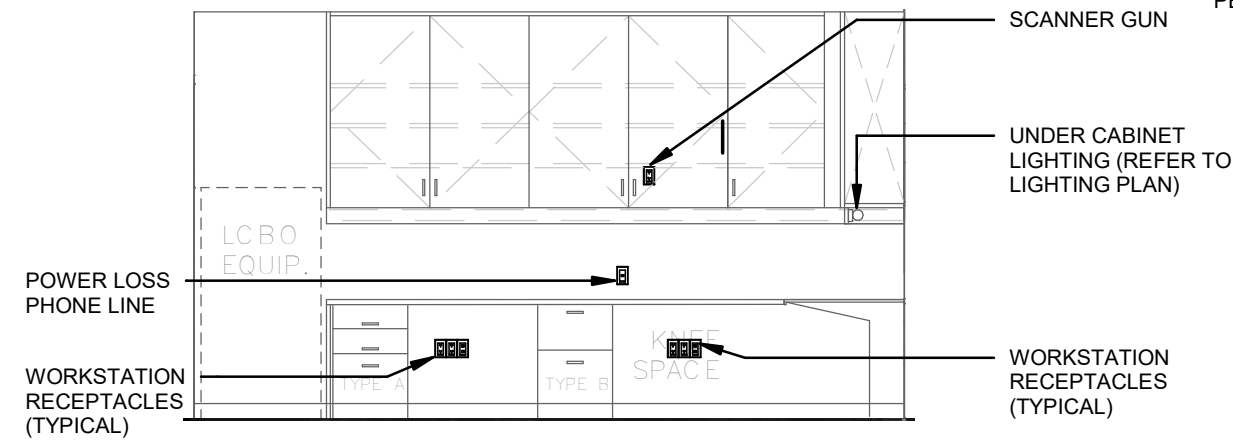
EXIT SIGNAGE

- FINISH, LED LIGHT SOURCES, 120 VOLT AC AND 24 VOLT DC OUTPUT.
- X1 LUMACELL LAE SERIES, CAT.# LAE-1/LR/2-A-OW-ACD (120V/24VDC)
- X2 LUMACELL LA SERIES, CAT.# LA-1/2-W-U (120V/24VDC)

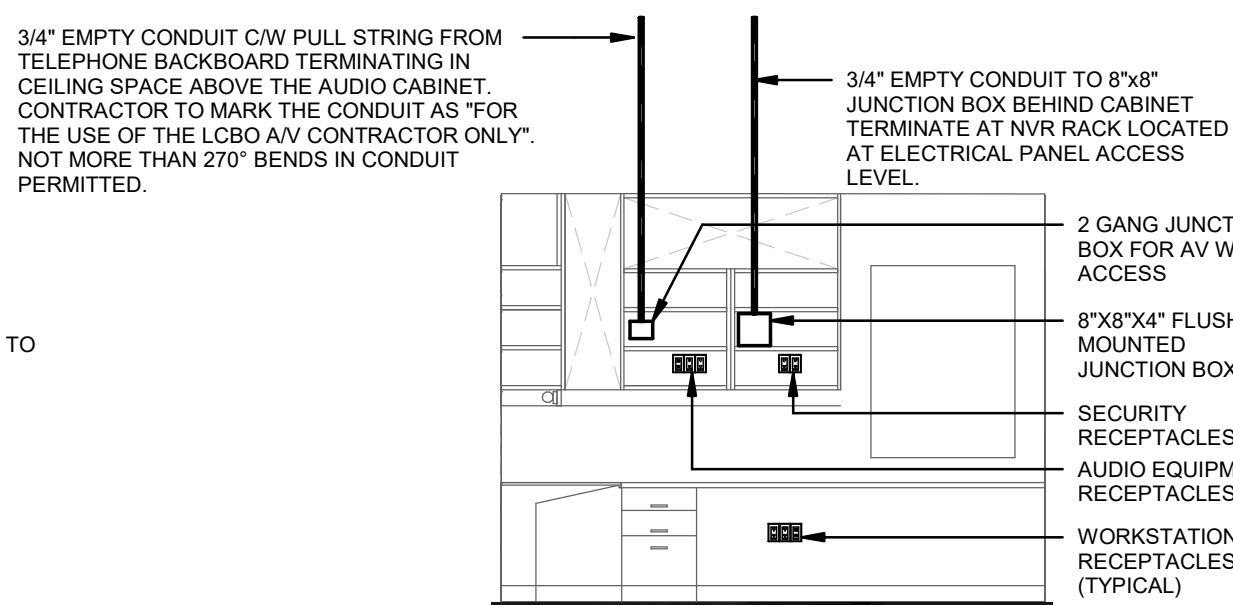
EMERGENCY BATTERY UNIT SCHEDULE				
UNIT No.	INPUT VOLTAGE	BATTERY VOLTAGE	CONNECTED LOAD	MAXIMUM CAPACITY
B1	120 V	24 V	0 W	720 W
B2	120 V	24 V	0 W	720 W



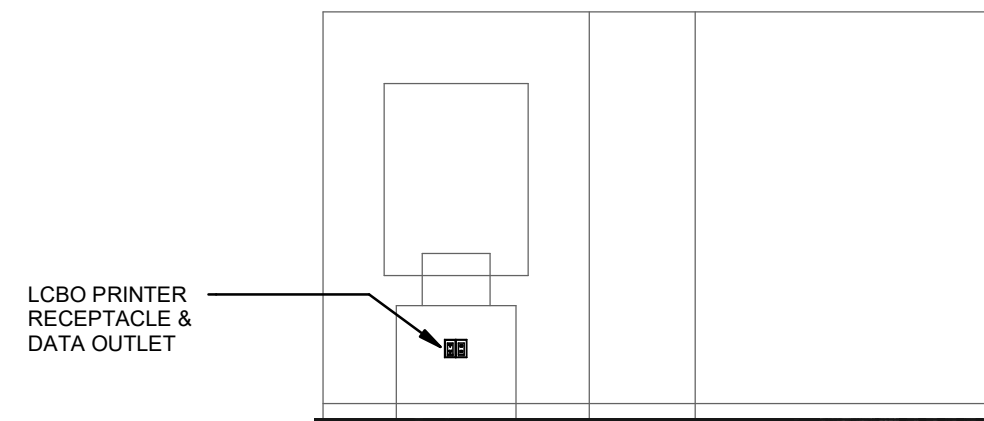
A
E-6
OFFICE - ELEVATION 'A'
SCALE: 1/4" = 1'-0"



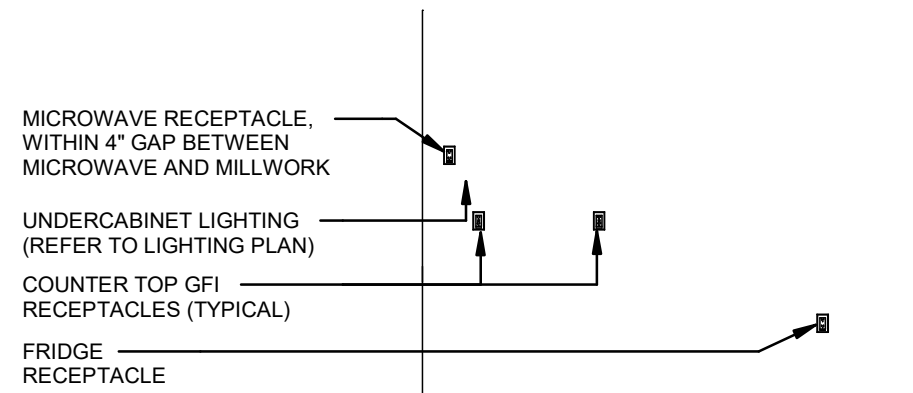
B
E-6
OFFICE - ELEVATION 'B'
SCALE: 1/4" = 1'-0"



C
E-6
OFFICE - ELEVATION 'C'
SCALE: 1/4" = 1'-0"



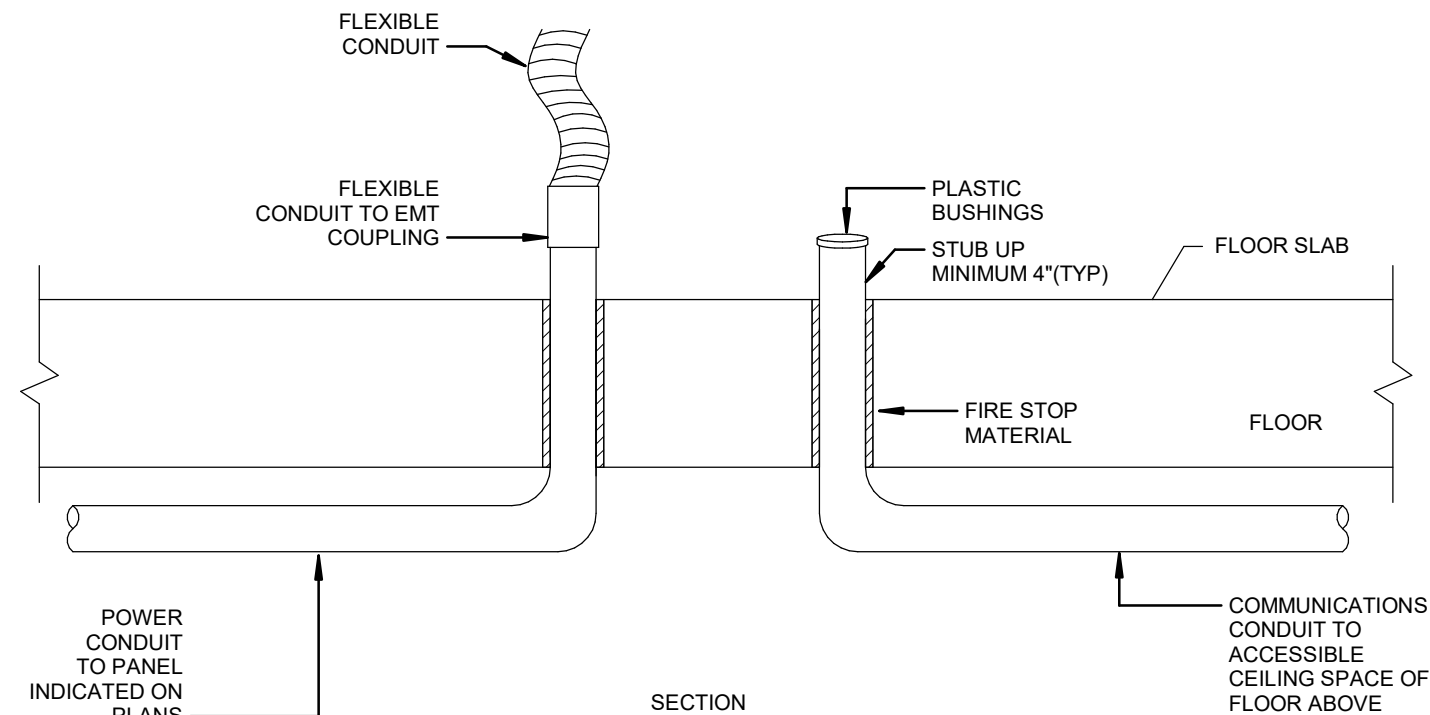
D
E-6
OFFICE - ELEVATION 'D'
SCALE: 1/4" = 1'-0"



E
E-6
STAFF ROOM - ELEVATION 'E'
SCALE: 1/4" = 1'-0"

ELECTRICAL ELEVATION GENERAL NOTES:

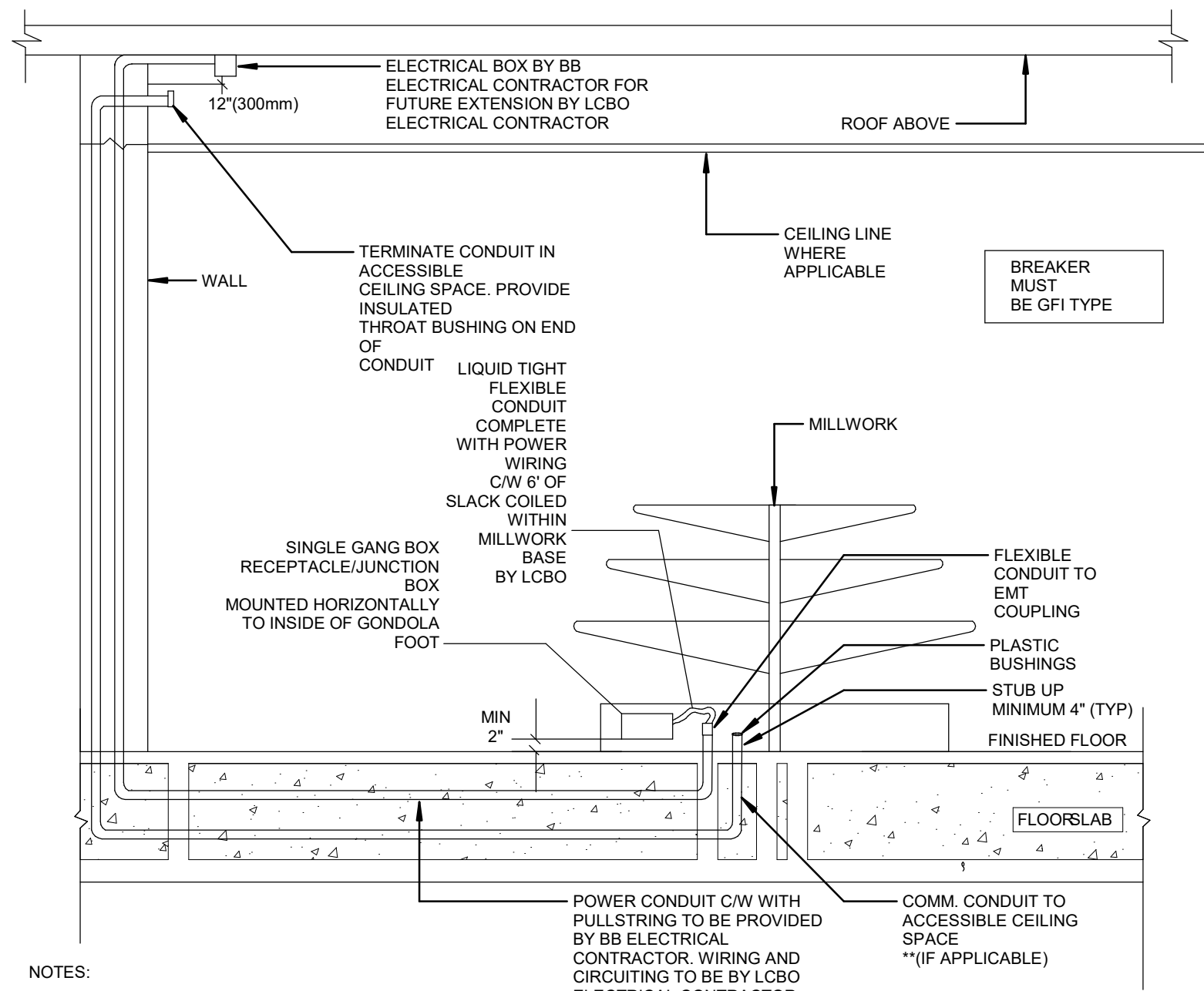
- SWITCHES AND CONTROL DEVICES TO BE MOUNTED BETWEEN AT 41" A.F.F. AND SHALL BE COORDINATED WITH ARCHITECTURAL PLAN.
- LOCATION OF SWITCHES, NOVAR PANEL, THERMOSTAT, OUTLETS, SENSORS MUST BE APPROVED BY LCBO COORDINATOR AT THE SITE PRIOR TO ROUGH-IN.
- SWITCHES SHALL BE MOUNTED IN ONE BANKS AND IDENTIFIED BY LAMACODI PLATES.
- COMMUNICATION BOX SHALL BE CENTERED ON TOP OF SAFE BOX.



NOTES:

- PROVIDE CORE DRILLING FOR BOTH POWER AND COMMUNICATIONS CABLE SYSTEM AS REQUIRED TO SUIT CONDUIT SIZES.
- EMPTY CONDUIT FOR COMMUNICATIONS SHALL BE COMPLETE WITH PULLSTRING.
- FLEXIBLE CONDUIT SHALL RUN TO MILLWORK JUNCTION BOX. THIS CONTRACTOR SHALL MAKE FINAL CONNECTION TO MILLWORK JUNCTION BOX.
- EXACT LOCATION OF STUB UP SHALL BE COORDINATED WITH INTERIOR DESIGNER/ARCHITECT.
- PROVIDE APPROPRIATE CANULC APPROVED FIRE STOP MATERIAL TO MAINTAIN FIRE RATING BETWEEN FLOORS.

3
E-6
CHECK-OUT COUNTER (TYPICAL)
SCALE: 1 : 100

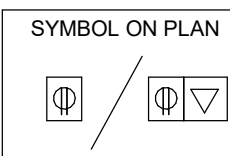


NOTES:

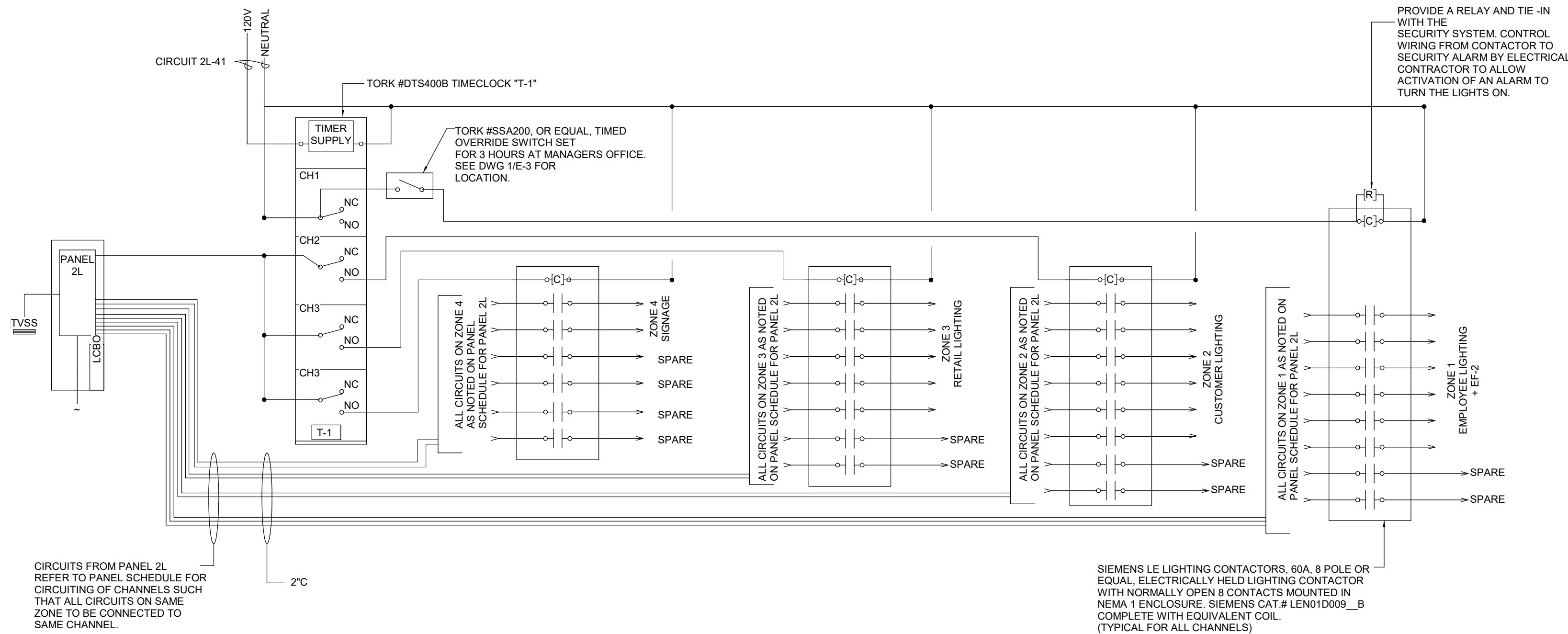
- PROVIDE CORE DRILLING/TRECH/CHIPPING FOR BOTH POWER AND COMMUNICATIONS CABLE SYSTEM AS REQUIRED TO SUIT CONDUIT SIZES.
- PROVIDE CONDUITS (MIN 3/4" TO BE SIZED ACCORDING TO CABLE QUANTITY AND BREAKER SIZE SERVICING MILLWORK FIXTURE). SEPARATE CONDUITS FOR COMMUNICATIONS AND POWER WIRING ACCORDINGLY) COMPLETE WITH PULL STRING FROM STUB UP TO ACCESSIBLE CEILING SPACE AS SHOWN. ELECTRICAL WIRING AND TERMINATIONS OF CIRCUITS TO BE BY LCBO ELECTRICAL CONTRACTOR. COMMUNICATIONS WIRING TO BE BY LCBO COMMUNICATIONS CONTRACTOR (IF APPLICABLE). STUBBED CONDUITS TO BE CAPPED TO AVOID ACCUMULATION OF DUST AND DEBRIS DURING CONSTRUCTION PERIOD.
- OBTAIN PERMISSION FROM LANDLORD AND BASE BUILDING STRUCTURAL ENGINEER PRIOR TO CHIPPING AND CHASING CONDUITS WITHIN SLAB.

LCBO ELECTRICAL CONTRACTOR SCOPE OF WORK

- MILLWORK JUNCTION BOX INSTALLATION AND ELECTRICAL POWER CONNECTION FOR MILLWORK FIXTURES TO BE BY LCBO ELECTRICAL CONTRACTOR.
- MILLWORK COMMUNICATION CONNECTIONS TO BE BY LCBO COMMUNICATIONS CONTRACTOR. (IF APPLICABLE).



1
E-6
CHECK-OUT COUNTER (TYPICAL)
SCALE: 1 : 100



NOTES:

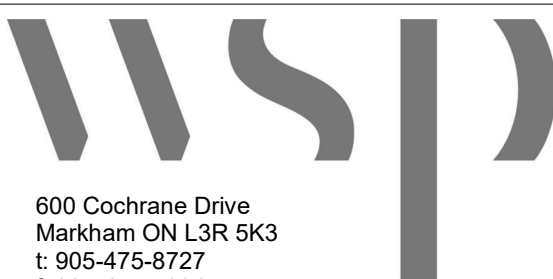
- ALL BREAKERS THAT ARE NOT CONNECTED TO ANY LOAD CIRCUIT SHALL BE TURNED OFF.
- PROVIDE FIELD MARK FOR POTENTIAL ELECTRIC SHOCK AND ARC FLASH HAZARDS. ALL MARKINGS SHALL BE CLEARLY VISIBLE AS PER ONTARIO ELECTRICAL SAFETY CODE, SECTION 2-306. ALL COST SHALL BE CARRIED BY THIS CONTRACTOR.
- THIS DETAIL IS SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. REFER TO PANEL SCHEDULE 2L FOR EXACT QUANTITIES OF CIRCUITS AND SPARES FOR EACH ZONE/CHANNEL.

2
E-6
TYPICAL LIGHTING CONTACTOR AND TIMER WIRING DIAGRAM
SCALE: N.T.S



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Context Plan



General Notes

- ALL DIMENSIONS IN IMPERIAL.
- VERIFY ALL DIMENSIONS.
- DO NOT SCALE DRAWINGS.
- CHECK DRAWINGS AGAINST SPECIFICATIONS.
- USE THE LATEST REVISED DRAWINGS ONLY.
- REPORT ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SCHEDULES, DISCOVERED ERRORS, OR OMISSIONS, TO THE ARCHITECT AND LCBO DURING TENDER PERIOD AND BEFORE PROCEEDING WITH ANY WORK.
- DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ARCHITECT, AND MUST BE RETURNED UPON COMPLETION OF WORK.
- TO VIEW A LIST OF BIDDERS FOR THIS PROJECT, PLEASE GO TO: WWW.BIDDINGO.COM/LCBO

Rev.	Date	Description	Initial
4	2020/09/10	Issued for Permit & Tender	MP
3	2020/08/13	80% Drawing Review	MP
2	2020/04	80% Drawing Review	MP
1	2020/03/23	30% Drawing Review	MP



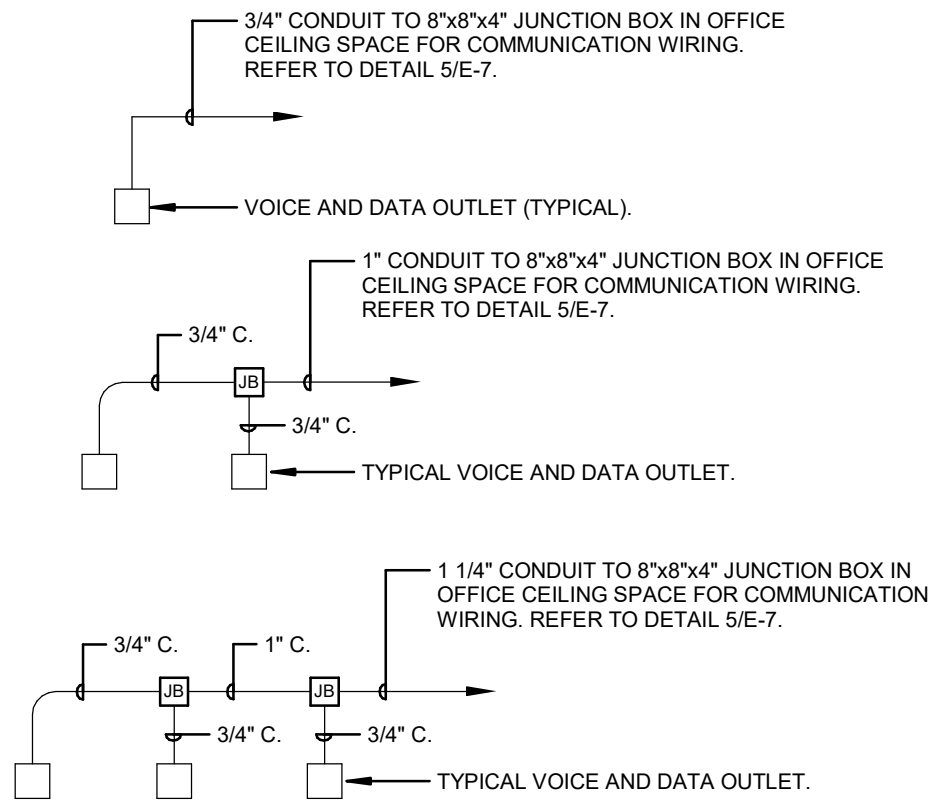
Issued for Permit & Tender

Issue Date:	2020/09/10
Project No:	171-02500-F1
Scale:	As indicated
Drawn By:	MP
Checked By:	MP

LCBO Store No. 547
ELGIN, ON
Interior Fit-up

DETAILS

Drawing Title:	E-6	R4
Sheet No.:		
Rev:		

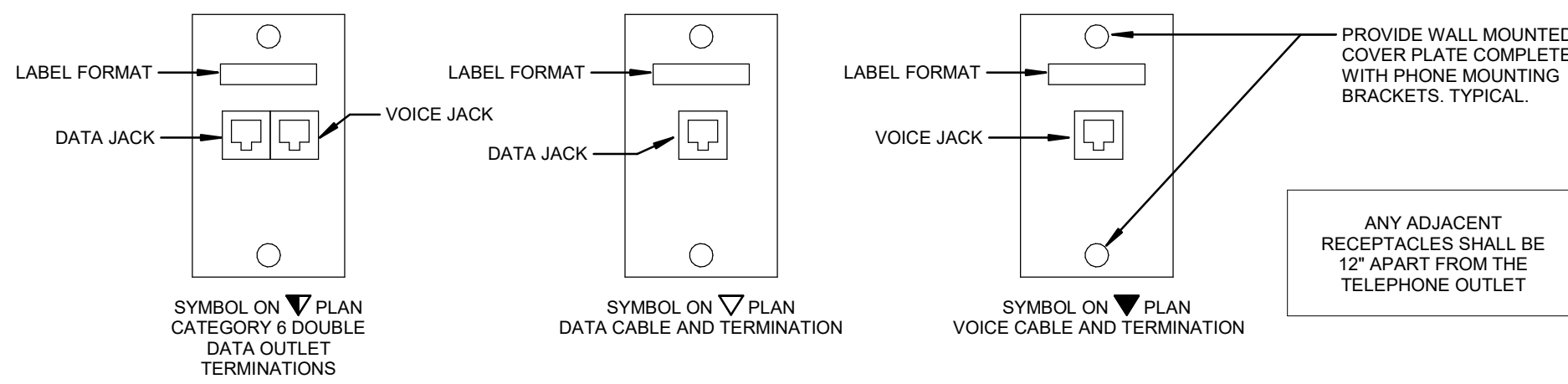


1 TYPICAL VOICE AND DATA OUTLET CONDUIT INSTALLATION

SCALE: N.T.S

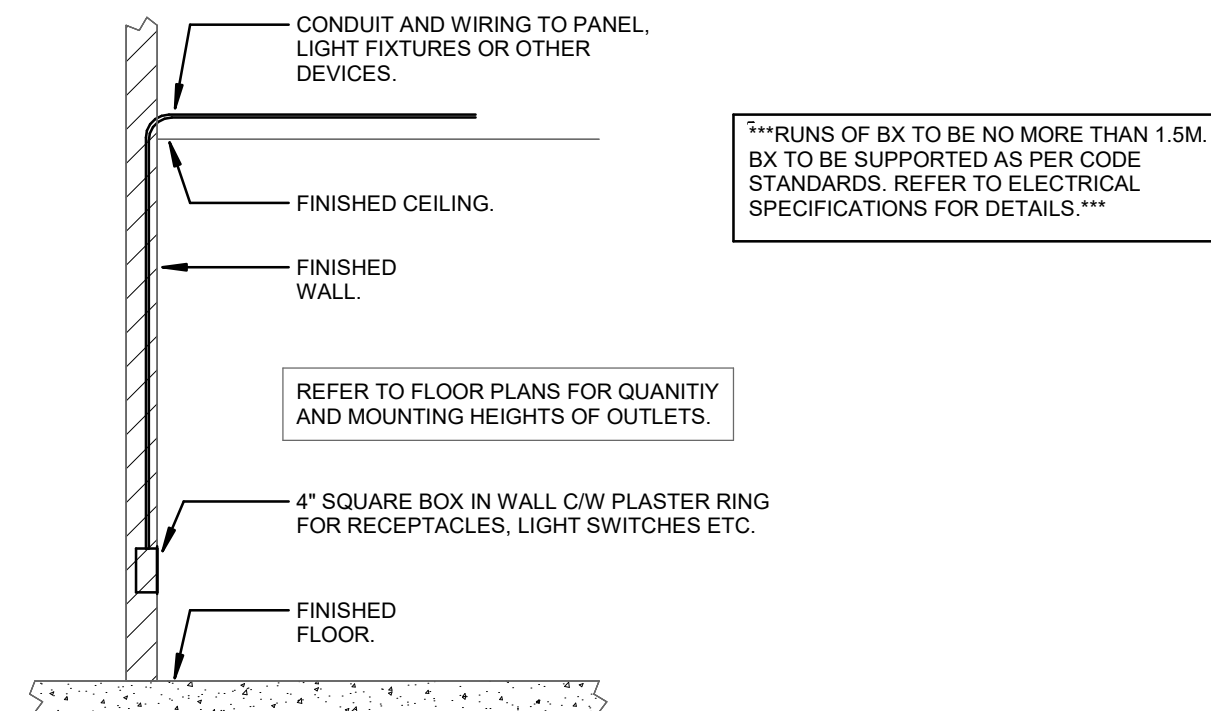
- OUTLET AT CEILING SPACE
- OUTLET AT 42" AFF OR DIFFERENT MOUNTING HEIGHT WHERE NOTED
- OUTLET AT 42" AFF OR DIFFERENT MOUNTING HEIGHT WHERE NOTED
- OUTLET AT 42" AFF OR DIFFERENT MOUNTING HEIGHT WHERE NOTED

ALL DATA CABLES ARE TO BE WHITE IN COLOUR



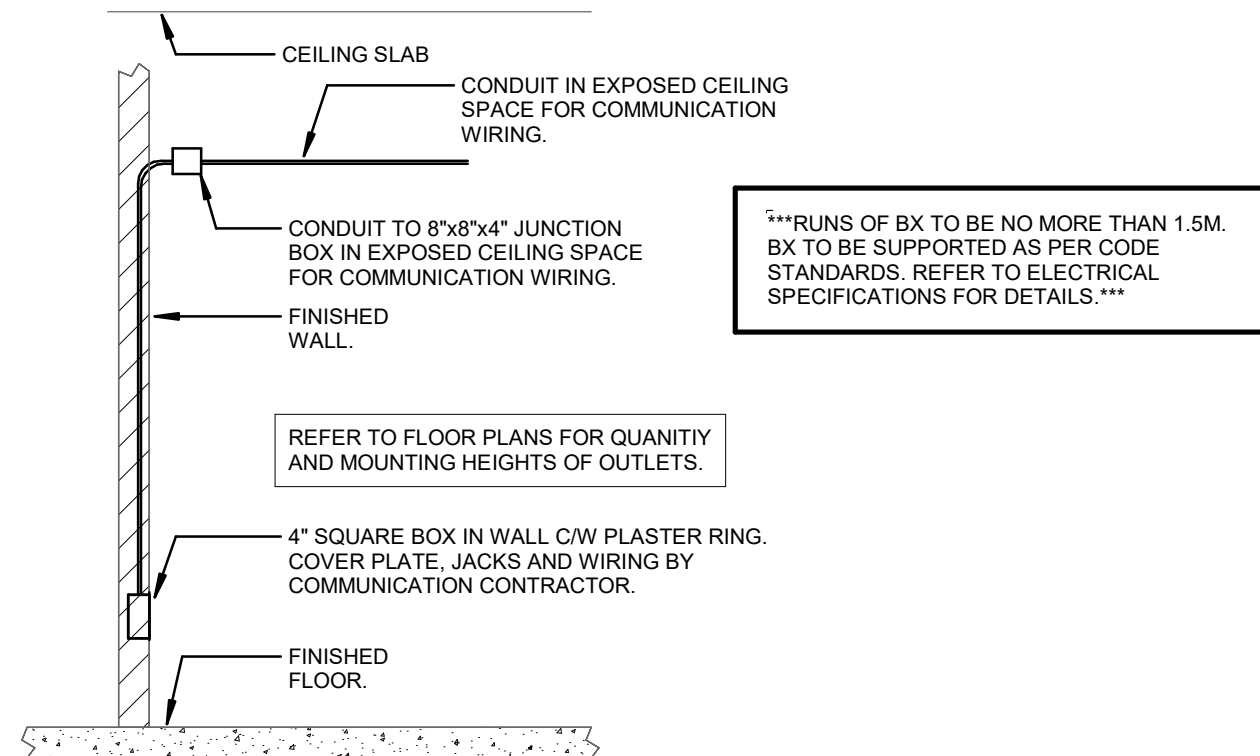
5 TYPICAL DETAIL OF COMMUNICATION OUTLETS

SCALE: 1 : 100



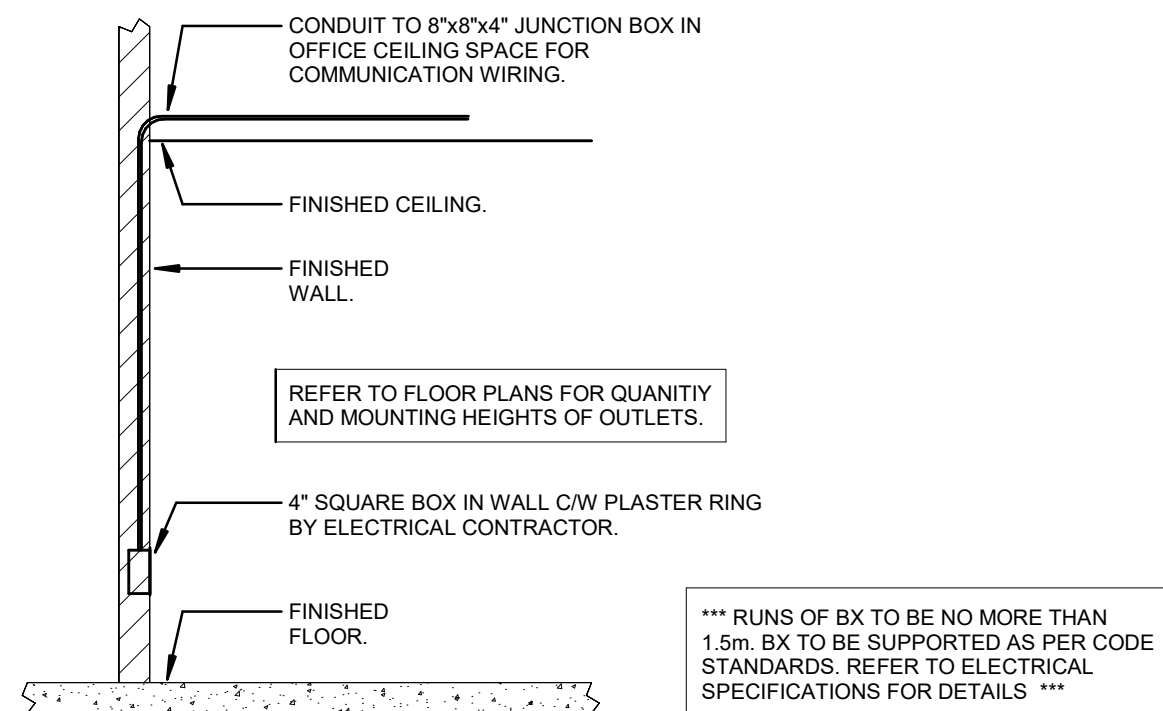
2 TYPICAL RECEPTACLE ETC. OUTLET INSTALLATION

SCALE: N.T.S



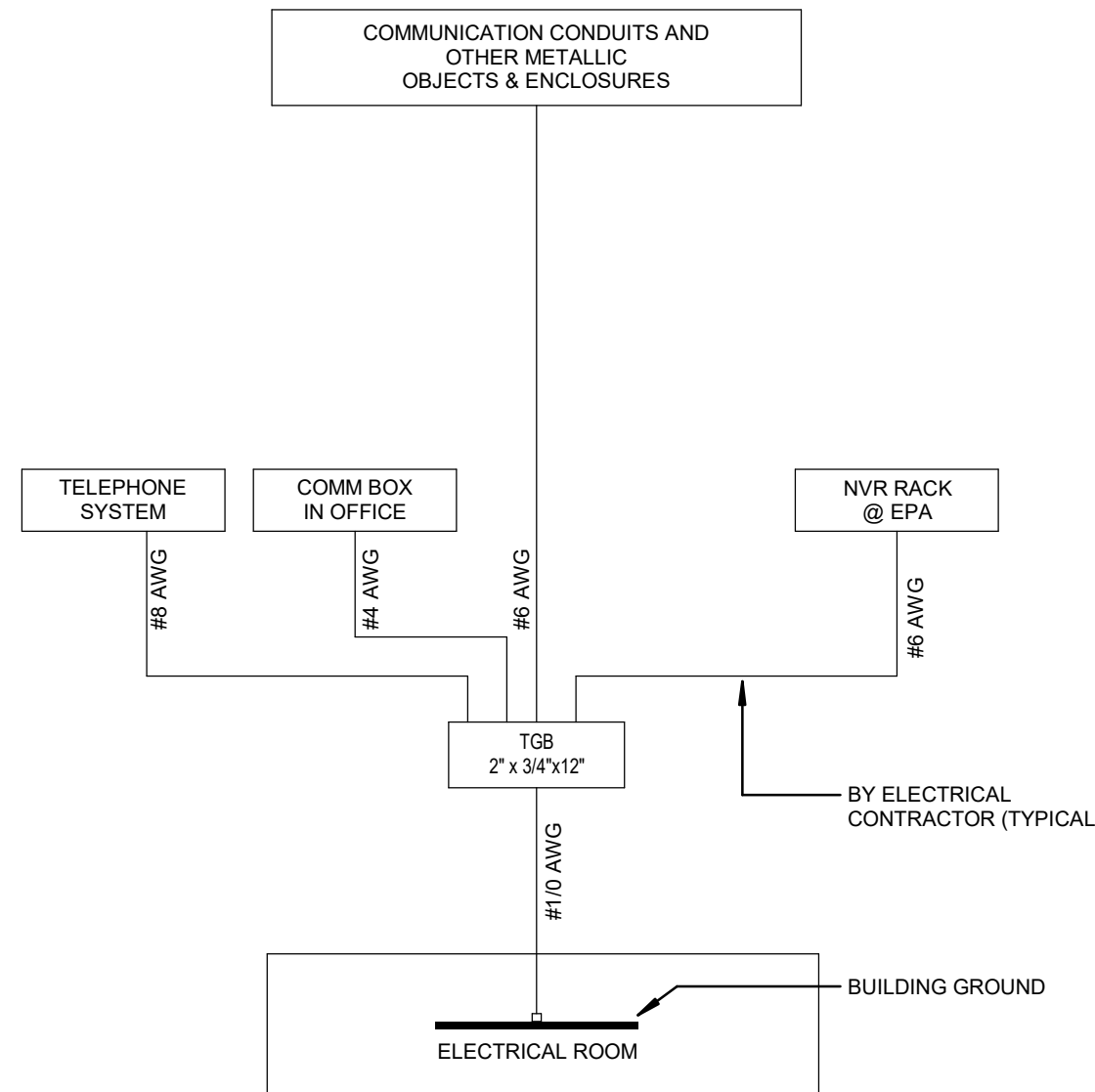
3 TYPICAL VOICE AND DATA OUTLET INSTALLATION FOR OPEN CEILING SPACE

SCALE: N.T.S



4 TYPICAL VOICE AND DATA OUTLET INSTALLATION

SCALE: N.T.S

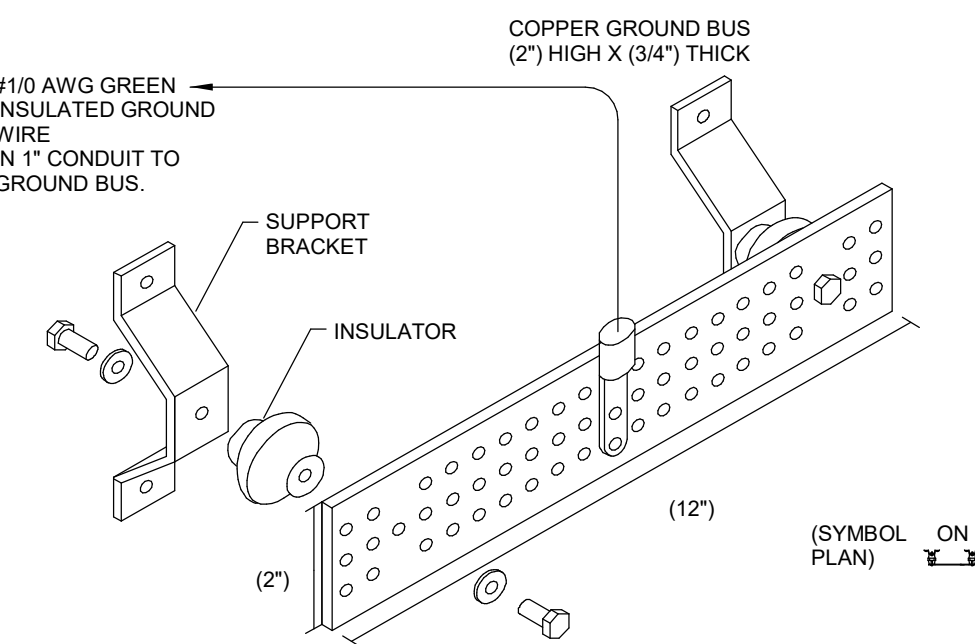


NOTES:

- ALL GROUND WIRING SHALL BE GREEN INSULATED.
- ALL BRANCH GROUNDING FOR COMMUNICATION EQUIPMENT SHALL BE PERFORMED BY ELECTRICAL CONTRACTOR.

6 COMMUNICATION EQUIPMENT TYPICAL GROUNDING SCHEMATIC

SCALE: 1 : 100

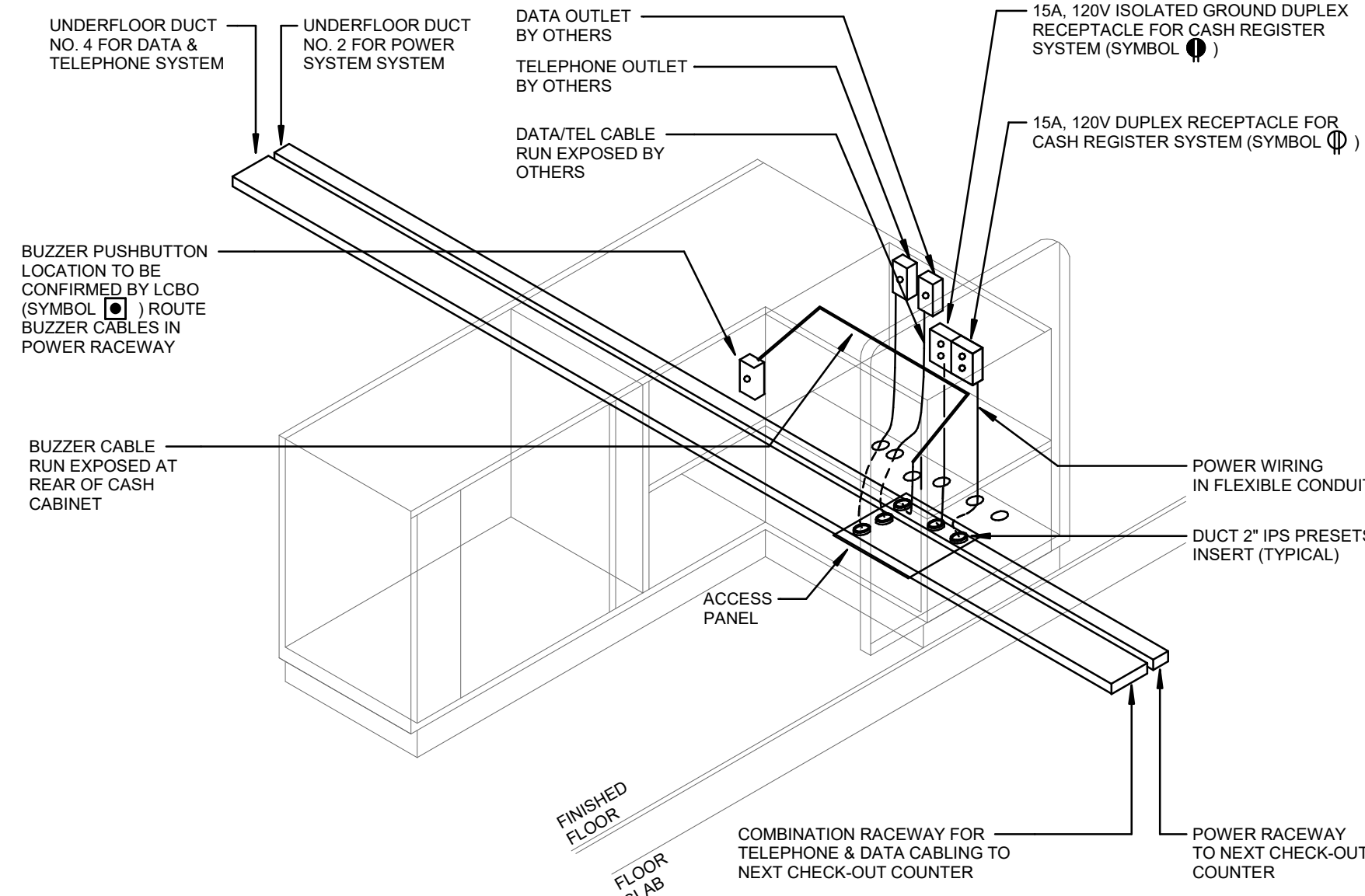


NOTES:

- THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL GROUND BUS AT ELECTRICAL DISTRIBUTION AREA PLATFORM. INSTALL 2-HOLE COMPRESSION LUGS 'BURNDY/HYLUG' TYPE YALZT FOR GROUND CONDUCTORS C/W DURUM BOLTS, NUTS AND WASHERS.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE A GROUND CONNECTION BETWEEN THE MAIN BUILDING SERVICE GROUNDING ELECTRODE AND THE COMMUNICATION GROUNDING BUS BARS.
- ELECTRICAL CONTRACTOR TO PROVIDE A GROUND CONNECTION FROM GROUND BUS BAR TO COMMUNICATION BOX AND NVR RACK AT WAREHOUSE AREA WITH A GREEN INSULATED WIRE C/W CONDUIT.
- GROUND BUS BAR SHALL BE INSTALLED AT THE TOP OF THE BACKBOARD OR 4\"/>

7 GROUNDING BUS BAR DETAIL

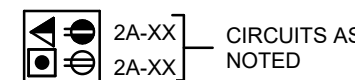
SCALE: 1 : 100



NOTES:

- VERIFY EXACT LOCATION OF CHECK-OUT COUNTERS AND CUSTOMER SERVICE DESK'S. ACCESS PANEL PRIOR TO SAW-CUT TRENCH FOR INSTALLATION OF WALKER UNDER FLOOR DUCTS SYSTEM. INSERTS AND SERVICE FITTINGS FOR POWER, DATA, TEL. AND BUZZER OUTLETS BE LOCATED WITHIN ACCESS PANEL LOCATION.
- PUSHBUTTON AND RECEPTACLES TO BE INSTALLED AFTER THE COUNTERS HAVE BEEN POSITIONED IN PLACE. COORDINATE WITH LCBO REPRESENTATIVE FOR EXACT LOCATION OF ALL ELECTRICAL COMPONENTS. COORDINATE AND VERIFY WITH BASE BUILDING DRAWING FOR CONDUIT RUNS THAT WERE INSTALLED BY BASE-BUILDING CONTRACTOR.

SYMBOL ON DRAWINGS

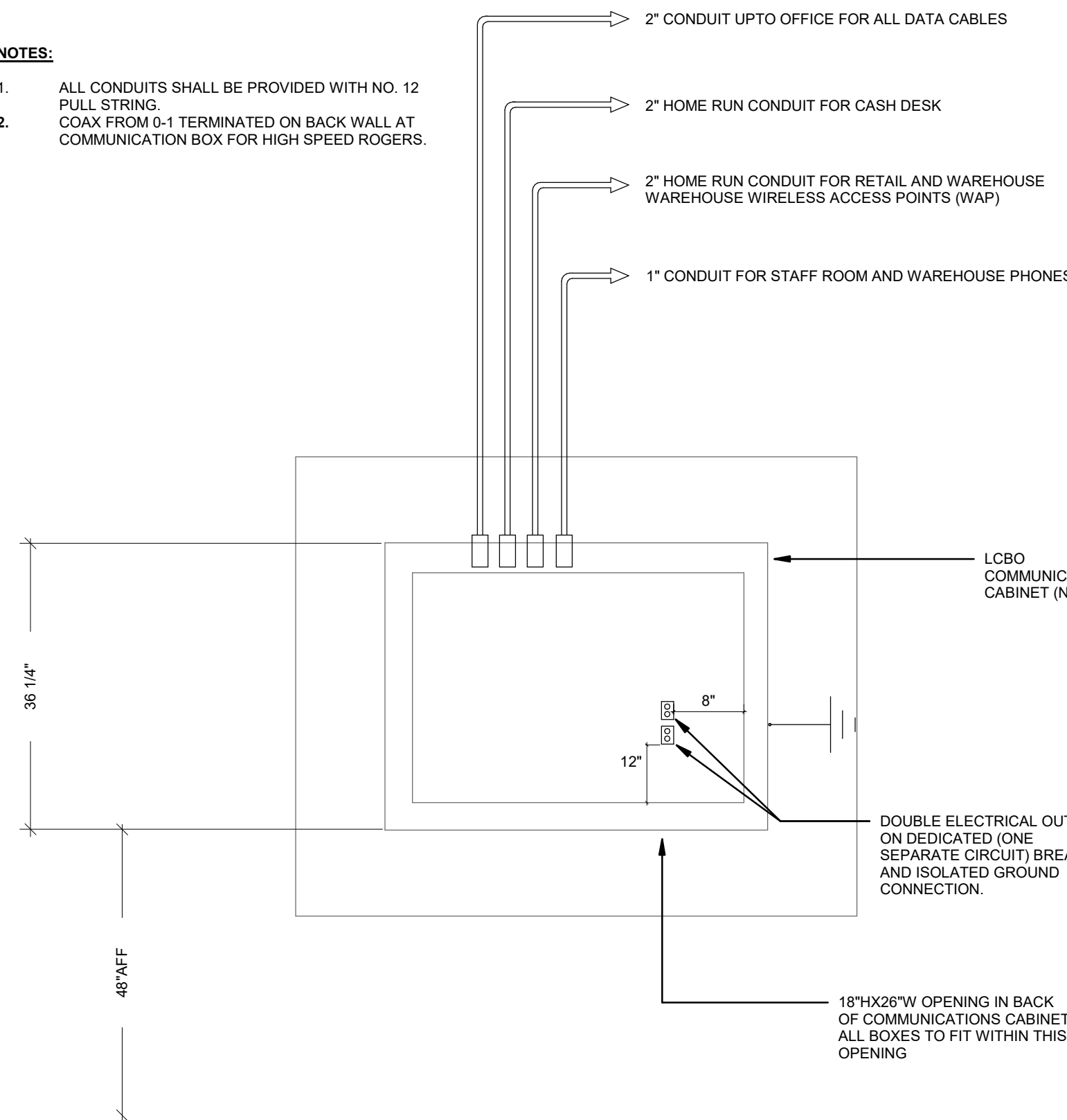


8 CHECK-OUT COUNTER (TYPICAL)

SCALE: 1 : 100

NOTES:

- ALL CONDUITS SHALL BE PROVIDED WITH NO. 12 PULL STRING.
- PULL STRING COAX FROM 0-1 TERMINATED ON BACK WALL AT COMMUNICATION BOX FOR HIGH SPEED ROGERS.



9 COMMUNICATION CABINET CONDUIT DETAIL

SCALE: 1 : 100

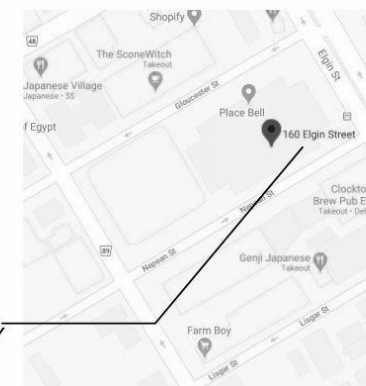


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11	2020/03/23	30% Drawing Review	MP

Rev.	Date	Description	Initial
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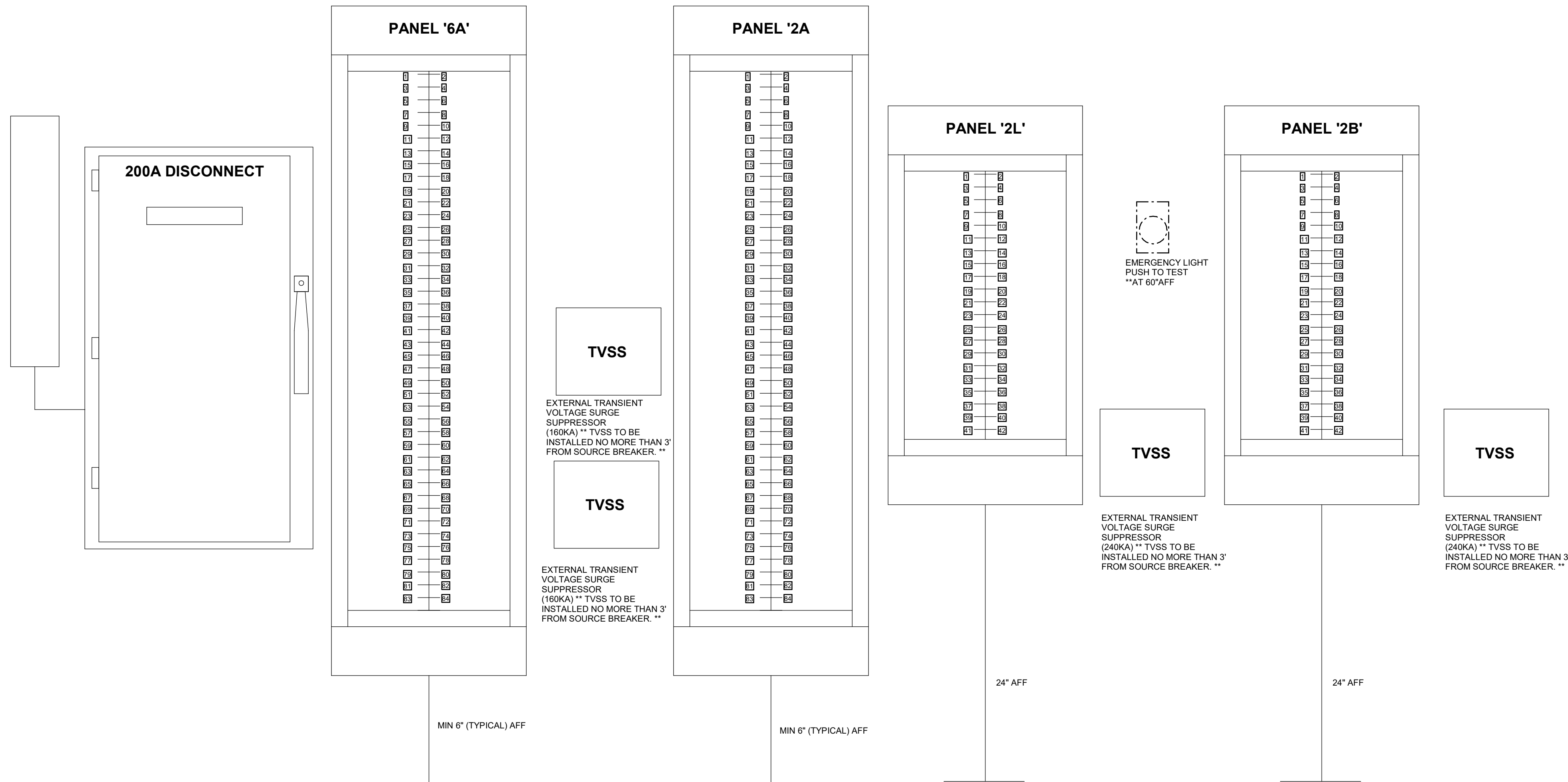
DETAILS

Drawing Title

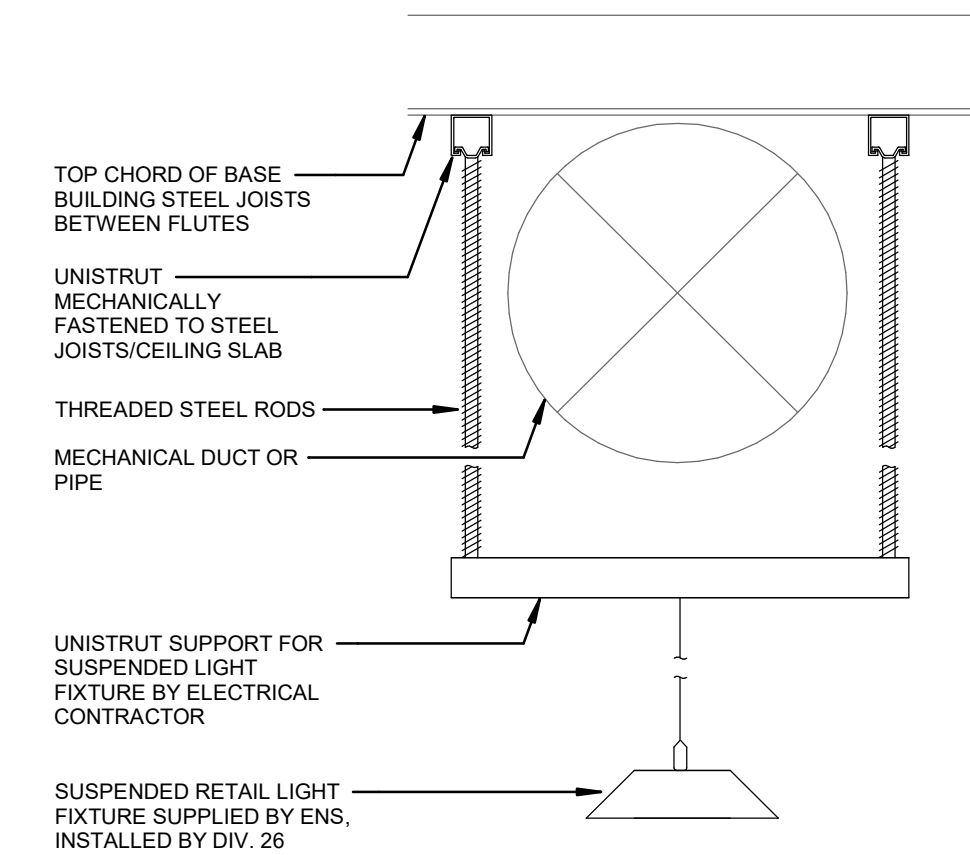
E-7

R4

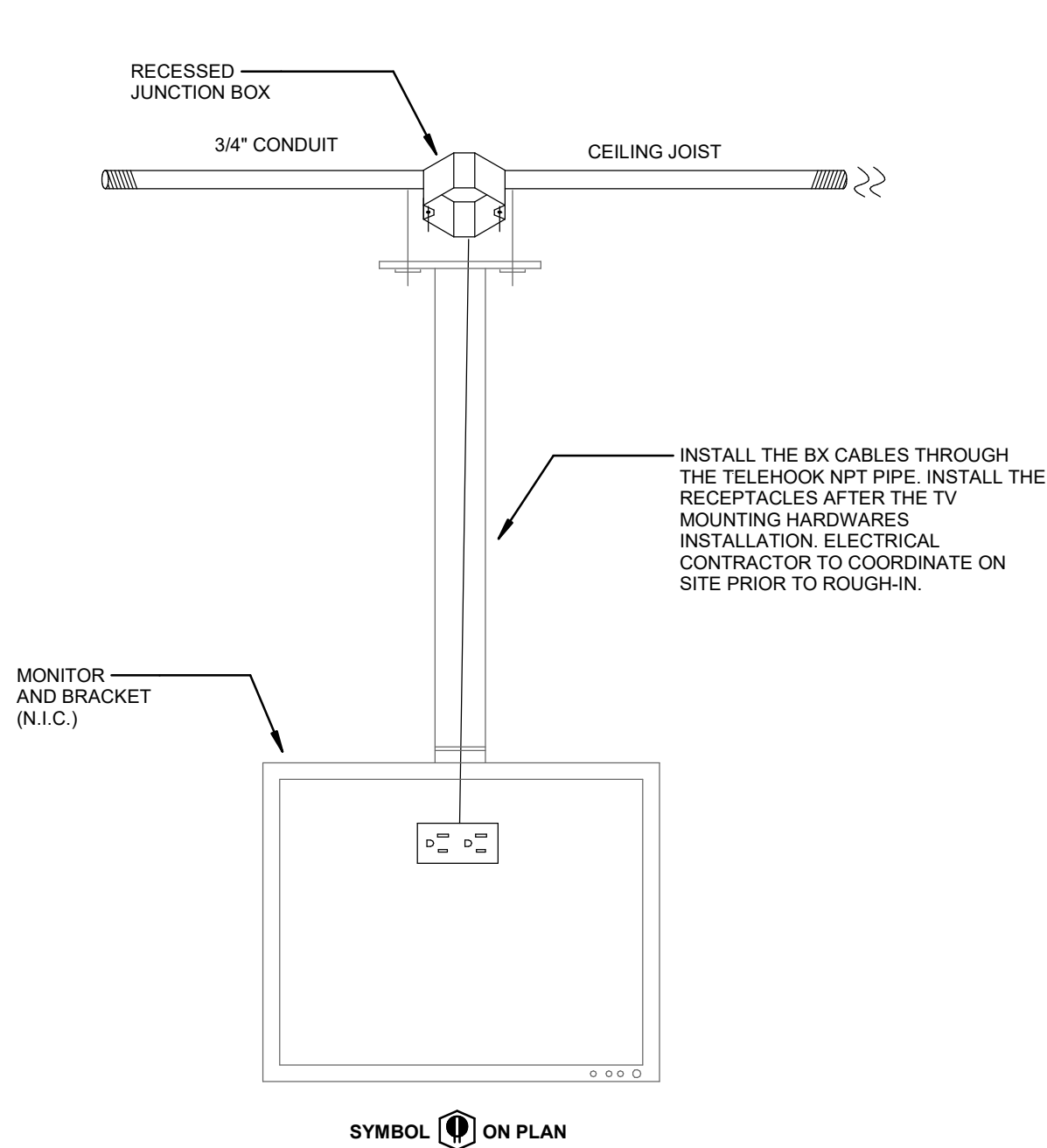
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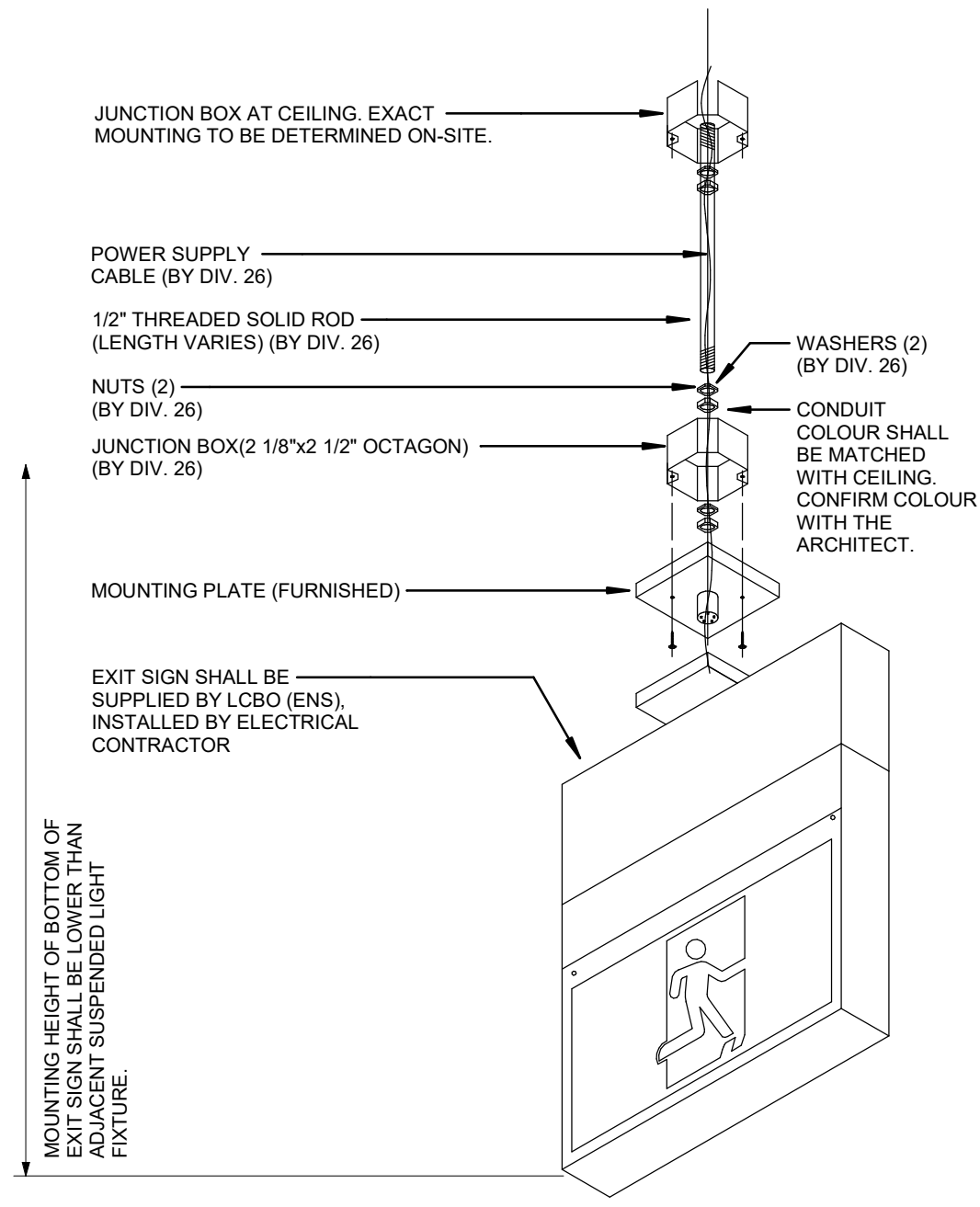
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E-8
ELECTRICAL PANEL ELEVATIONS
SCALE: N.T.S



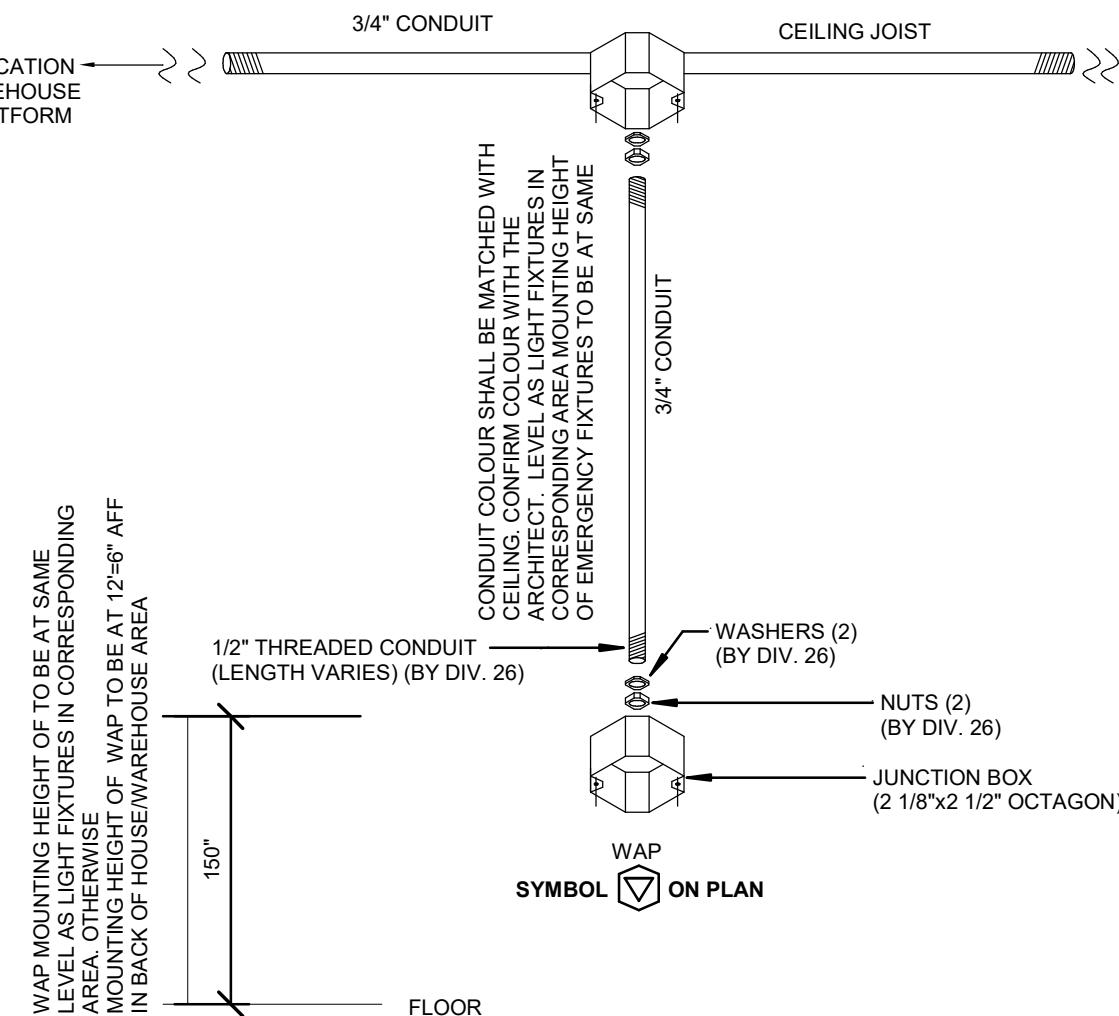
2
E-8
RETAIL AREA LIGHTING SUSPENSION DETAILS
SCALE: N.T.S



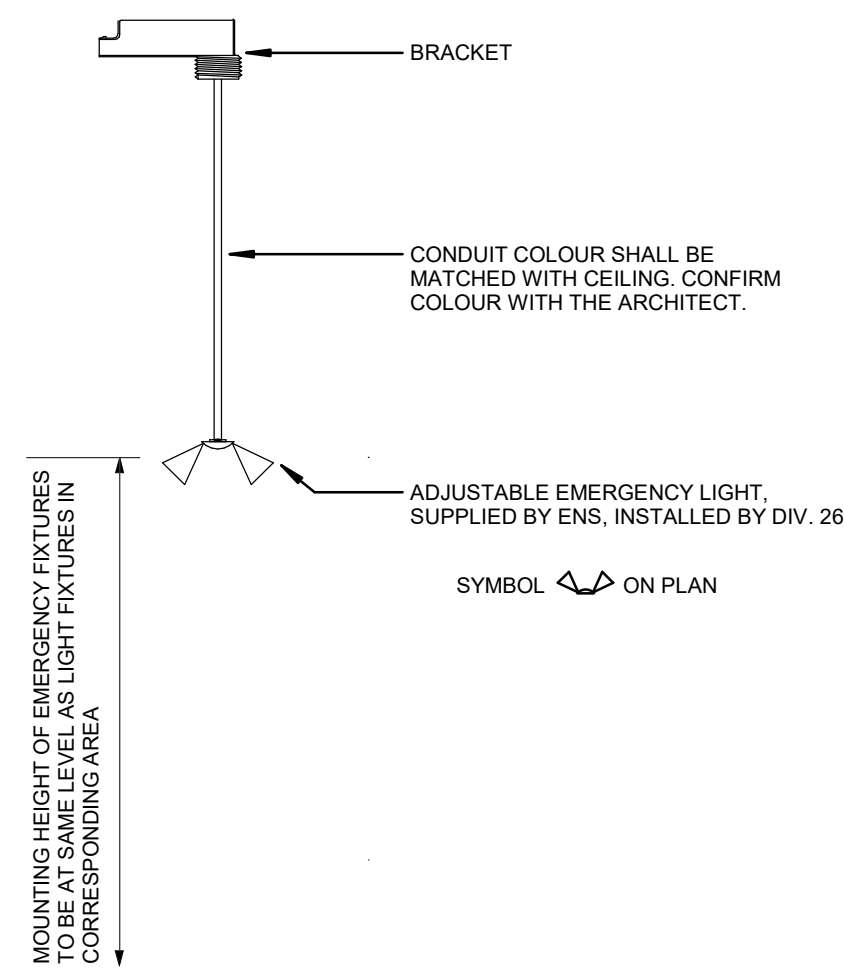
3
E-8
TYPICAL DETAIL OF RETAIL SECURITY MONITOR RECEPTACLE
SCALE: N.T.S



4
E-8
HIGH CEILING EXIT SIGN MOUNTING DETAIL
SCALE: N.T.S



5
E-8
MOUNTING DETAIL FOR WIRELESS ACCESS POINT
SCALE: N.T.S



6
E-8
MOUNTING DETAIL OF REMOTE HEADS
SCALE: 1 : 100

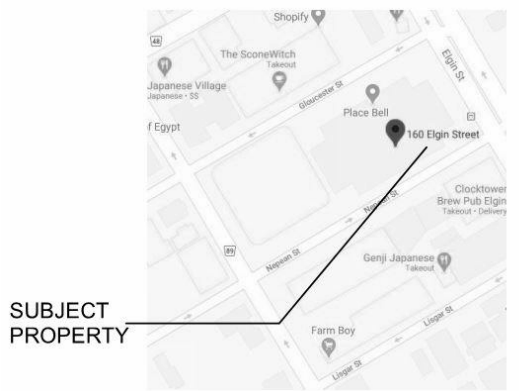


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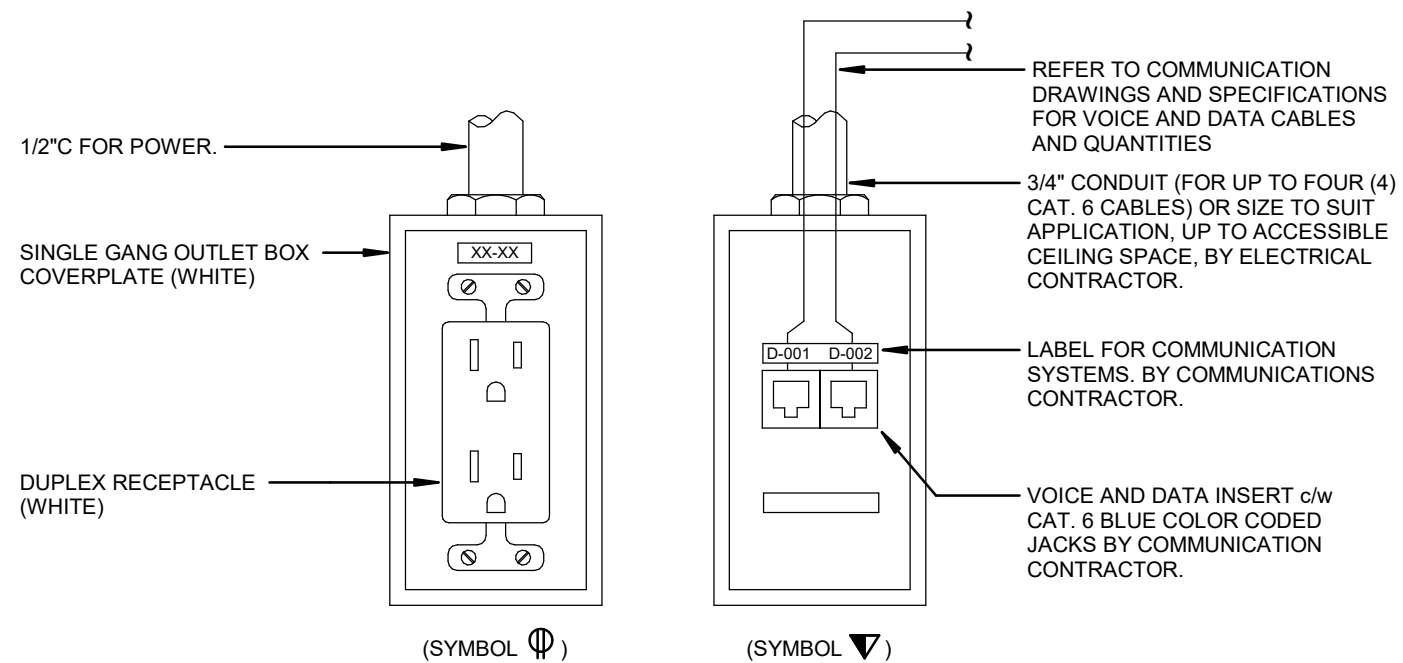
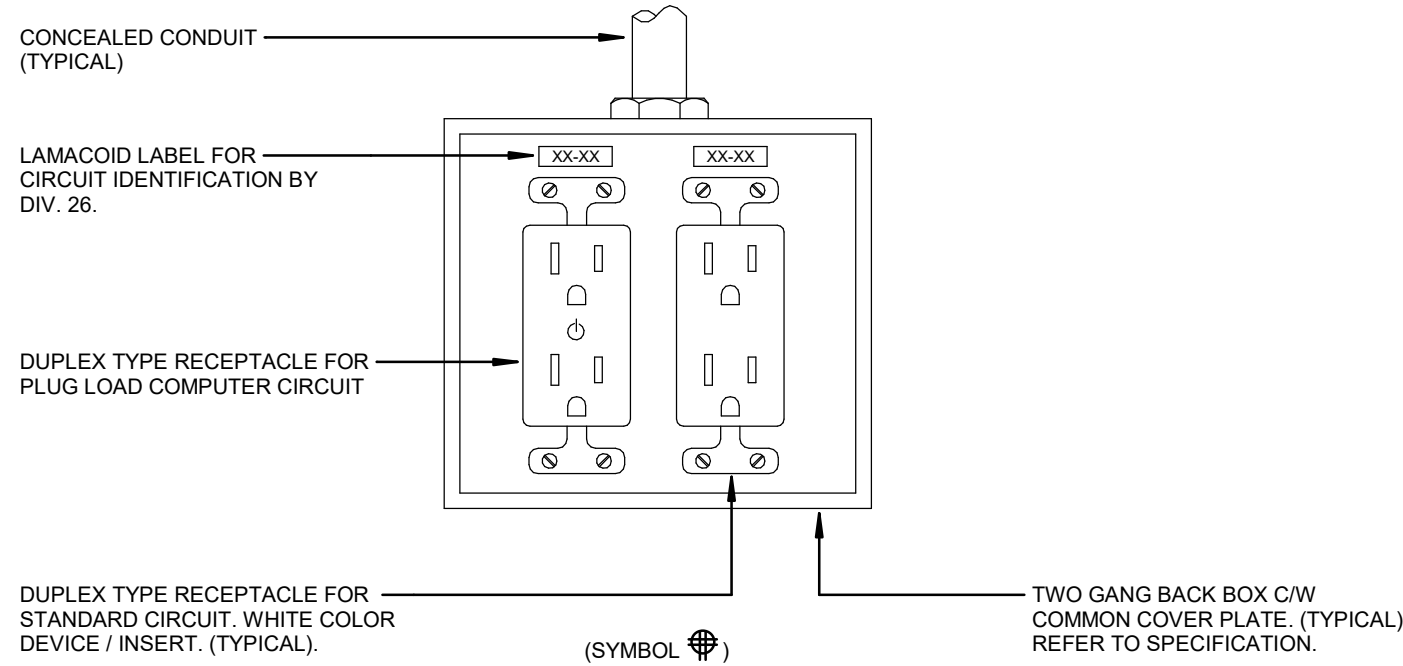
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MOUNTING DETAILS

Drawing Title: E-8	Rev: R4
Sheet No.:	Rev:

GENERAL NOTES:

- COORDINATE WITH DESIGNER FOR EXACT VOICE/DATA CONFIGURATION OUTLETS.
- CO-ORDINATE WITH DESIGNER FOR EXACT COLOUR FINISH OF RECEPTACLES AND VOICE/DATA OUTLETS.
- THIS CONTRACTOR SHALL PROVIDE COMPLETE RECEPTACLES SYSTEM. PROVIDE EMPTY CONDUIT + PULL STRING AND BACK BOX FOR COMMUNICATION. VOICE/DATA CABLE, JACKS AND COVER PLATE BY COMMUNICATION CONTRACTOR.
- PROVIDE WALL MOUNTED RECEPTACLE - LEVITON DECORA - COLOR: WHITE. PROVIDE RED RECEPTACLES THAT ARE CONNECTING TO UPS CIRCUIT.
- ELECTRICAL CONTRACTOR MUST PROVIDE LAMACOID LABEL ON THE FACE OF EACH POWER RECEPTACLE INDICATING THE PANEL SOURCE AND CIRCUIT NUMBER.



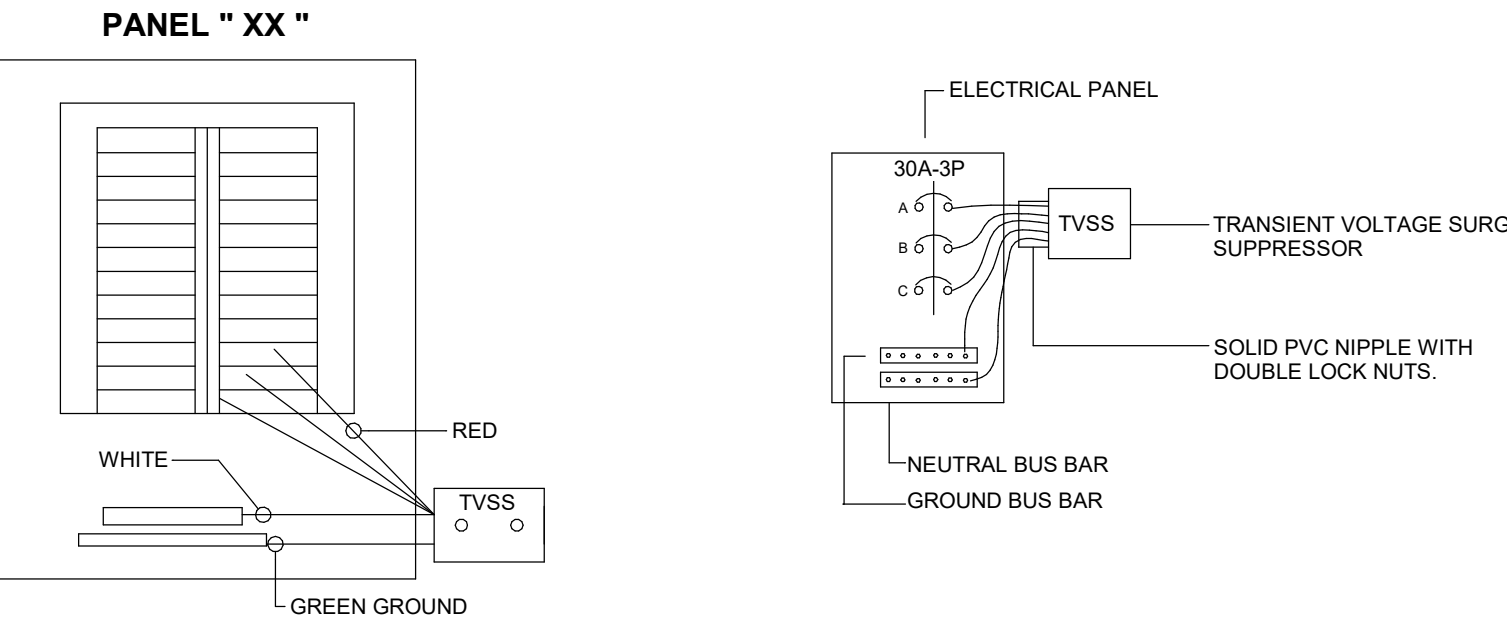
1 TYPICAL WALL OUTLET DETAIL

SCALE: N.T.S

TVSS INSTALLATION INSTRUCTIONS:

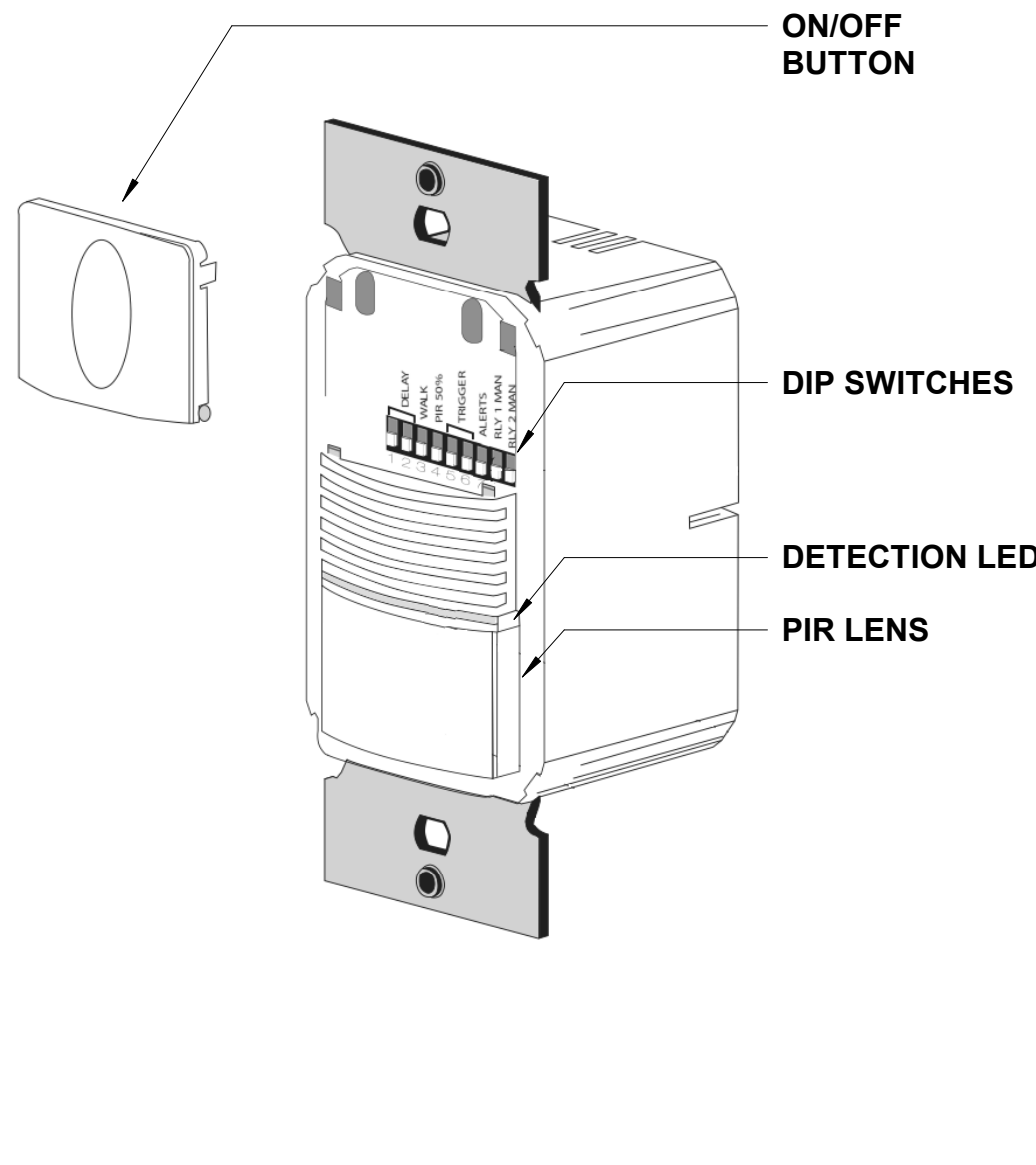
THIS UNIT SHOULD BE OUTSIDE OF THE PANEL (EXTERNAL).

- USE VOLTAGE METER TO CHECK ALL VOLTAGES IN PANEL.
- VERIFY THE CONNECTION OF EACH BUS BAR (TOTAL OF THREE) THROUGH: a/ DEDICATED BREAKER (30AMP)
- CONNECT GREEN WIRE TO GROUND.
- ALL LIGHTS WILL BURN BRIGHTLY WHEN PROPERLY INSTALLED.
- SUBSTITUTION OF SURGE SUPPRESSION UNIT TYPE WILL NOT BE ACCEPTABLE. UNLESS APPROVED BY THE ENGINEER
- THE TVSS SHALL BE INSTALLED IN MANNER TO MINIMIZE WIRE LENGTH TO THE BREAKER AND NEUTRAL AS MUCH AS POSSIBLE. FOR PANELS WITH BOTTOM NEUTRAL BUS BARS, USE 3 BOTTOM BREAKER SPACES. FOR TOP NEUTRAL BUS BARS USE 3 TOP BREAKER SPACES.
- ARRANGE TO HAVE THE FINAL INSTALLATION INSPECTED BY MANUFACTURER'S REPRESENTATIVE MAKE ALL REQUIRED CHANGES AS DIRECTED. MANUFACTURER'S REPRESENTATIVE TO PROVIDE TYPEWRITTEN INSPECTION REPORT AND SUBMIT IT TO CONSULTANT.
- TVSS SHALL BE BY EMA SERIES, SCHNEIDER ELECTRIC SQUARE D #SSP-02-EMA16, 3PH, 4W C/W SURGE COUNTER AND NEMA 1 ENCLOSURE. THERMO-DYNAMIC FUSING SYSTEM FOR PANEL RP-2A. PROVIDE 30A, 3P BREAKER IN PANEL TO FEED TVSS.



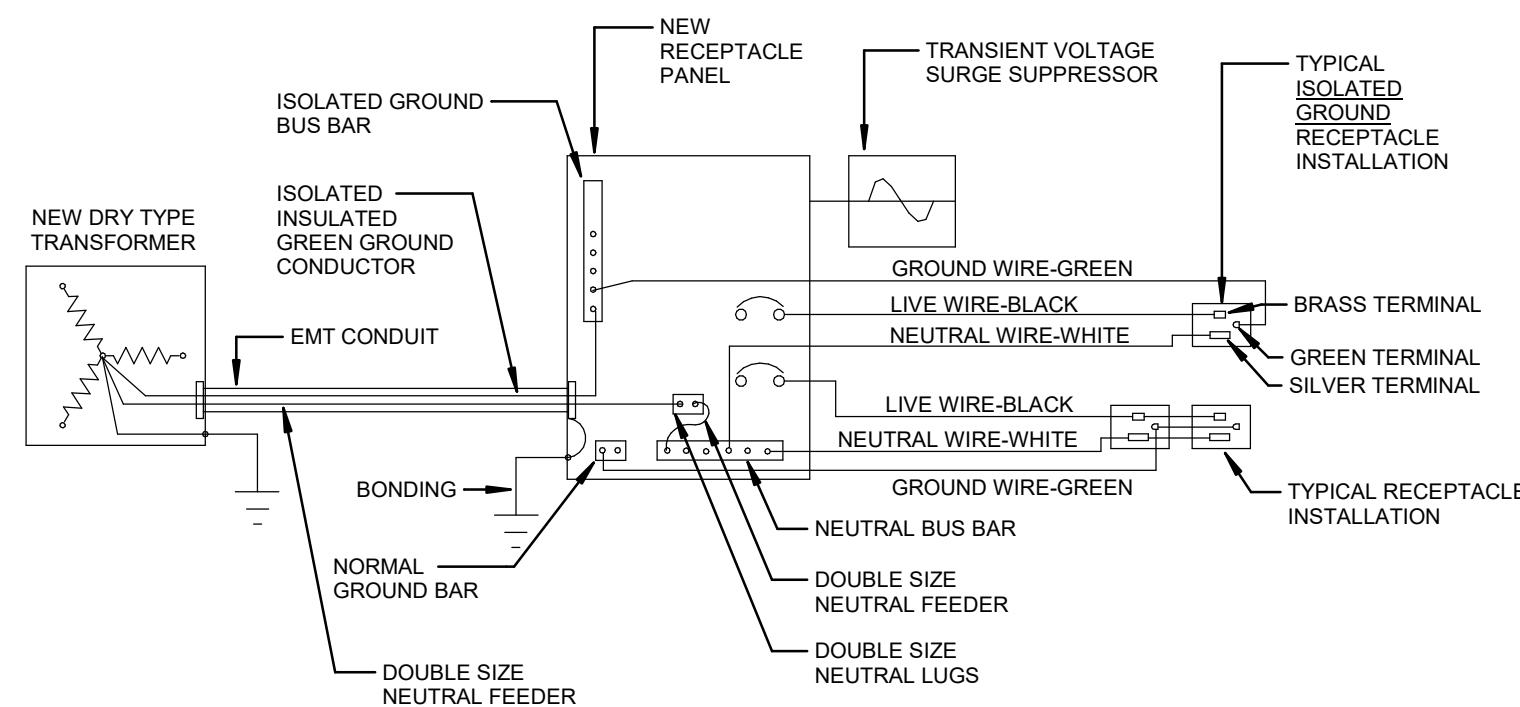
4 TRANSIENT VOLTAGE SURGE SUPPRESSION DETAIL

SCALE: N.T.S



2 TYPICAL DETAIL OF OCCUPANCY SENSOR SETTING

SCALE: N.T.S

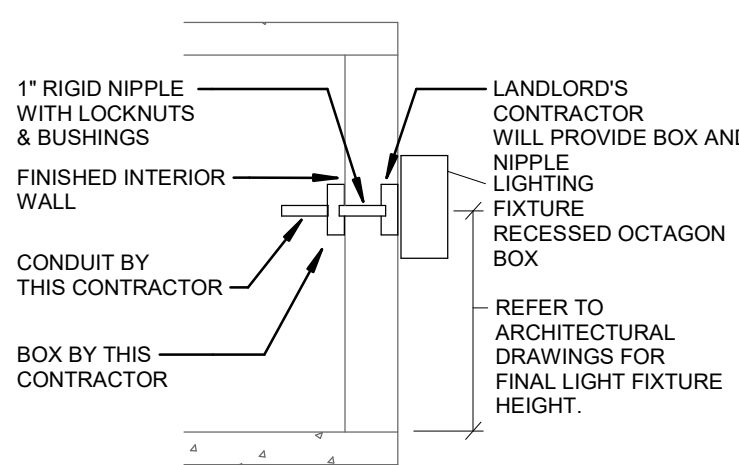


NOTES:

- PROVIDE SEPARATE NEUTRAL FOR EACH INDIVIDUAL CIRCUIT.
- PROVIDE A SEPARATE NEUTRAL AND A SEPARATE ISOLATED INSULATED GREEN GROUND FOR EACH ISOLATED GROUND RECEPTACLE.

5 TYPICAL NEUTRAL & ISOLDATED GROUND INSTALLATION

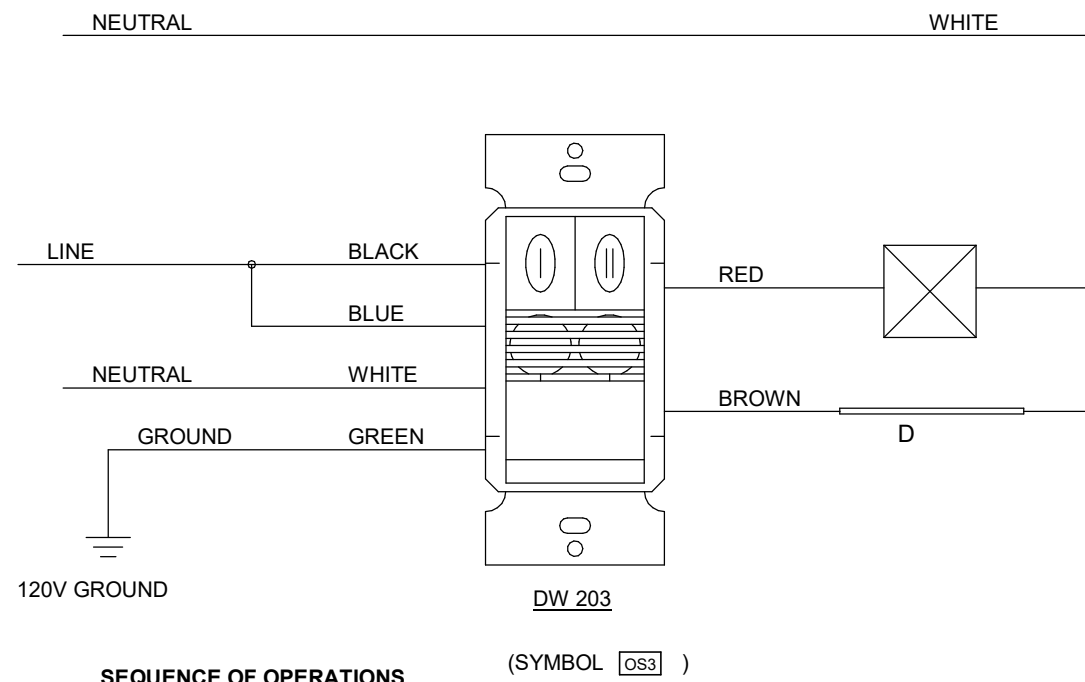
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EXTERIOR LIGHT FIXTURE OUTLET INSTALLATION

SCALE: N.T.S

WALLSWITCH SENSOR WITH BI-LEVEL MANUAL CONTROL

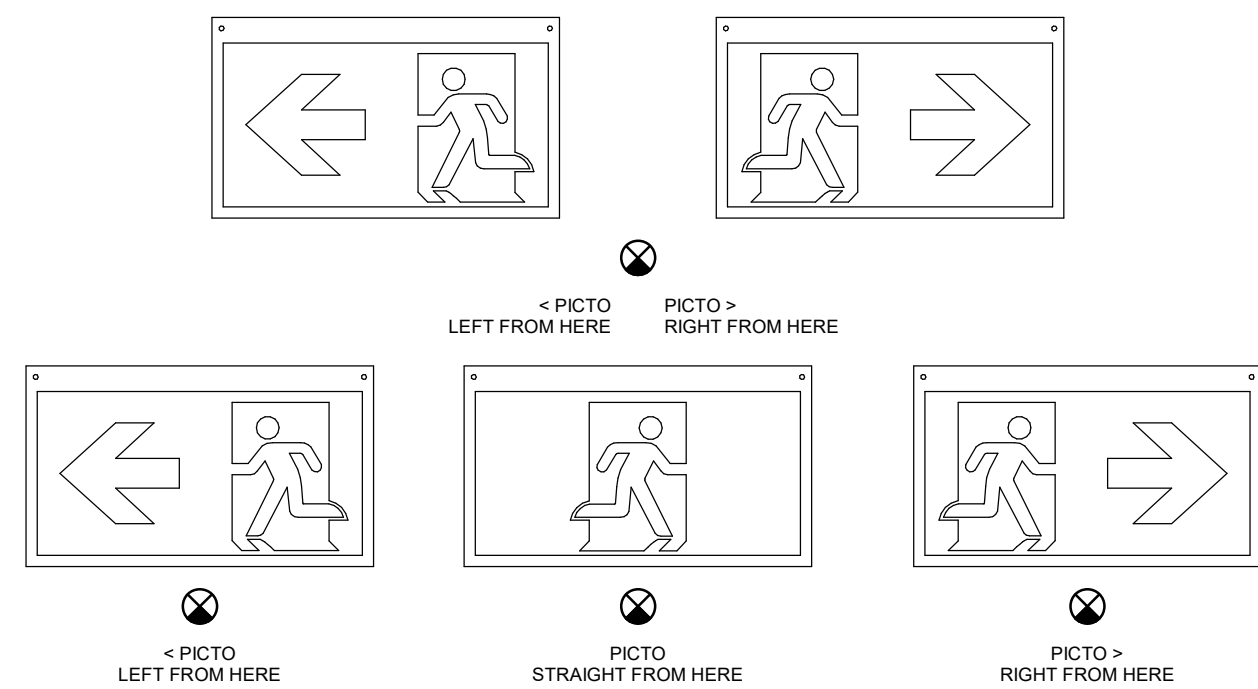


SEQUENCE OF OPERATIONS

- OFFICE CEILING LIGHTS ACTIVATE AUTOMATICALLY VIA SENSOR.
- VALENCE LIGHTS SHALL BE MANUALLY TURNED ON.
- THE SENSOR SHALL TURN OFF ALL OFFICE LIGHTING AFTER 15MINS OF INACTIVITY.
- BUTTON 'I' WOULD MANUALLY CONTROL (ON/OFF) THE CEILING LIGHTING AND
- BUTTON 'II' WOULD MANUALLY CONTROL (ON/OFF) THE VALENCE LIGHTING.

3 OFFICE SENSOR CONNECTION DETAIL

SCALE: N.T.S



6 EXIT SIGN DETAIL

SCALE: N.T.S



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DETAILS

Drawing Title	E-9	R4
Sheet No.:		Rev.

SPEC # CX-WC13FM & CXWC13WEC10

CX-WC13FM FLUSH MOUNT EQUIPMENT PACKAGE:

1. CX-33 MULTI-FUNCTION RELAY
2. CM-45X64 - 4 1/2" ILLUMINATED PUSH PLATE WITH ENCLOSURE AND SIGN
3. CM-45X64 - 4 1/2" ILLUMINATED PUSH PLATE WITH ENCLOSURE AND SIGN
4. CX-MDA - MAGNETIC DOOR CONTACT

CX-WEC10 EQUIPMENT PACKAGE:

5. CM-45012R - 'PRESS FOR EMERGENCY ASSISTANCE' SWITCH
 6. CM-AF501SO - 'ASSISTANCE REQUESTED' LED ANNUNCIATOR WITH SOUNDER
 7. CM-AF140SO - 'ASSISTANCE REQUIRED' SINGLE GANG DOME LIGHT WITH SOUNDER ** (x 2 - (1) IN OFFICE AND (1) OUTSIDE BARRIER FREE WASHROOM) **
 8. CM-SE21A - EMERGENCY ASSISTANCE SIGN
- OTHER EQUIPMENT:
9. DOOR OPERATOR - SUPPLIED BY OTHERS
 10. CX-ED2079 - GRADE 2 UNIVERSAL ELECTRIC STRIKE
 11. CM-541 - ILLUMINATED 4 1/2" SQUARE ACTIVATION SWITCH
 12. CM-45X64 - FLUSH MOUNT BOX FOR CM-541
 13. CX-PS13 - 12/24 VDC LINEAR POWER SUPPLY
 14. CX-TRX-4024 - 40VA, 24VAC TRANSFORMER

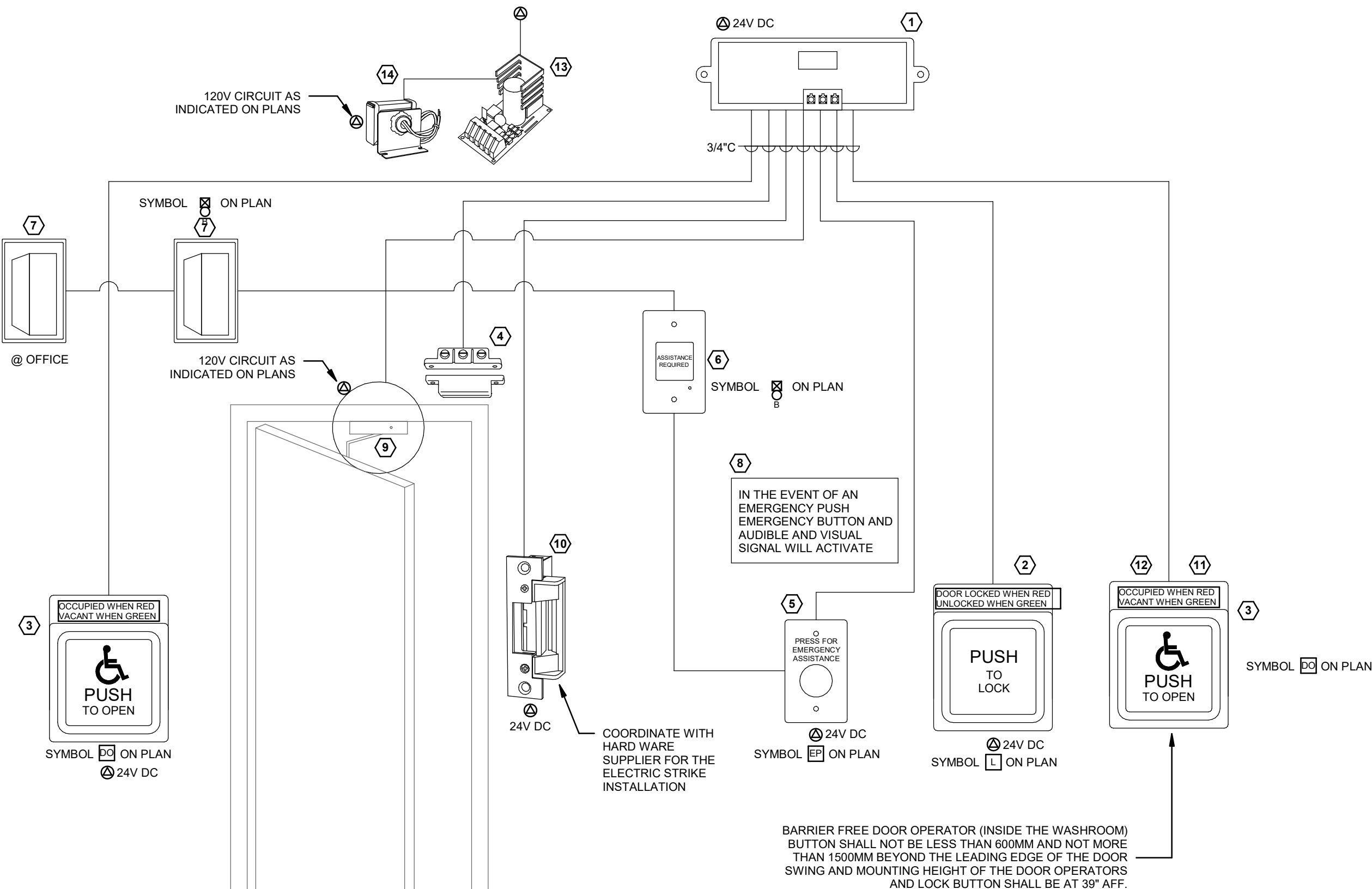
SYSTEM OPERATION

CX-WC13FM OPERATION:

1. THE DOOR IS NORMALLY CLOSED AND UNLOCKED.
2. PRESSING THE EXTERIOR PUSH TO OPEN AURA PUSH PLATE OPENS THE DOOR.
3. ONCE INSIDE AND THE DOOR IS CLOSED, PRESSING THE ILLUMINATED PUSH TO LOCK AURA PUSH PLATE CHANGES THE COLOUR TO RED AND LOCKS THE DOOR.
4. TO EXIT, PRESS THE INTERIOR PUSH PLATE SWITCH TO UNLOCK THE DOOR AND RESET THE SYSTEM.
5. THE PUSH TO LOCK AURA PUSH PLATE SWITCH ILLUMINATED RING TURNS GREEN AND THE EXTERIOR PUSH TO OPEN AURA PUSH PLATE OUTER RING TURNS GREEN.
6. IF THE DOOR IS OPENED MANUALLY TO EXIT THE RESTROOM, THE OVERHEAD MAGNETIC CONTACT SWITCH RESETS THE SYSTEM.

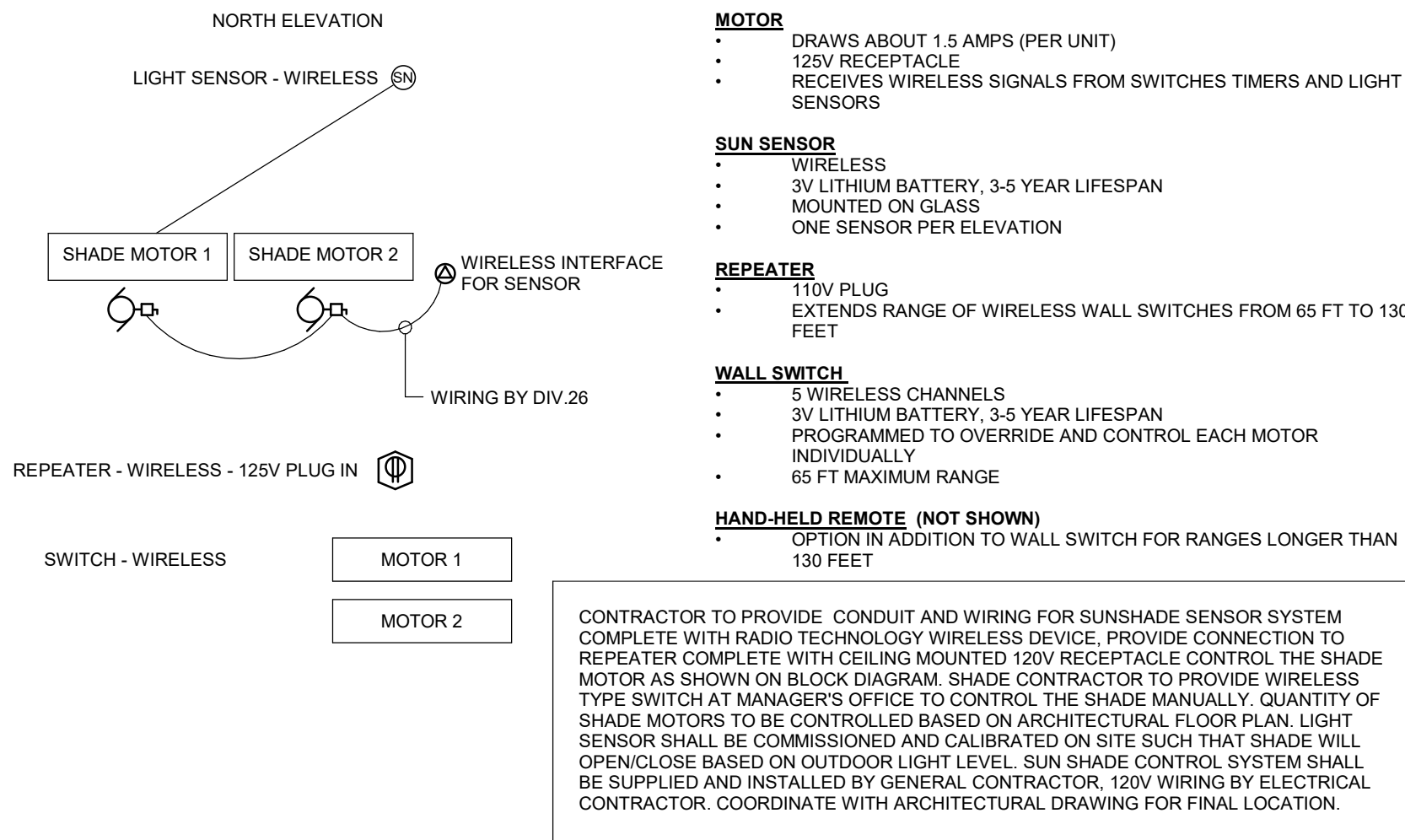
CX-WEC10 OPERATION:

1. THE 'PRESS FOR EMERGENCY ASSISTANCE' MUSHROOM PUSH BUTTON IS ACTIVATED BY THE OCCUPANT.
2. THIS ENERGIZES THE LED ANNUNCIATOR AND SOUNDER WITHIN THE WASHROOM, AND THE DOME LIGHT WITH SOUNDER OUTSIDE THE WASHROOM.
3. BOTH UNITS WILL BE ENERGIZED UNTIL THE LATCHING MUSHROOM PUSH BUTTON SWITCH IS PULLED OUT.



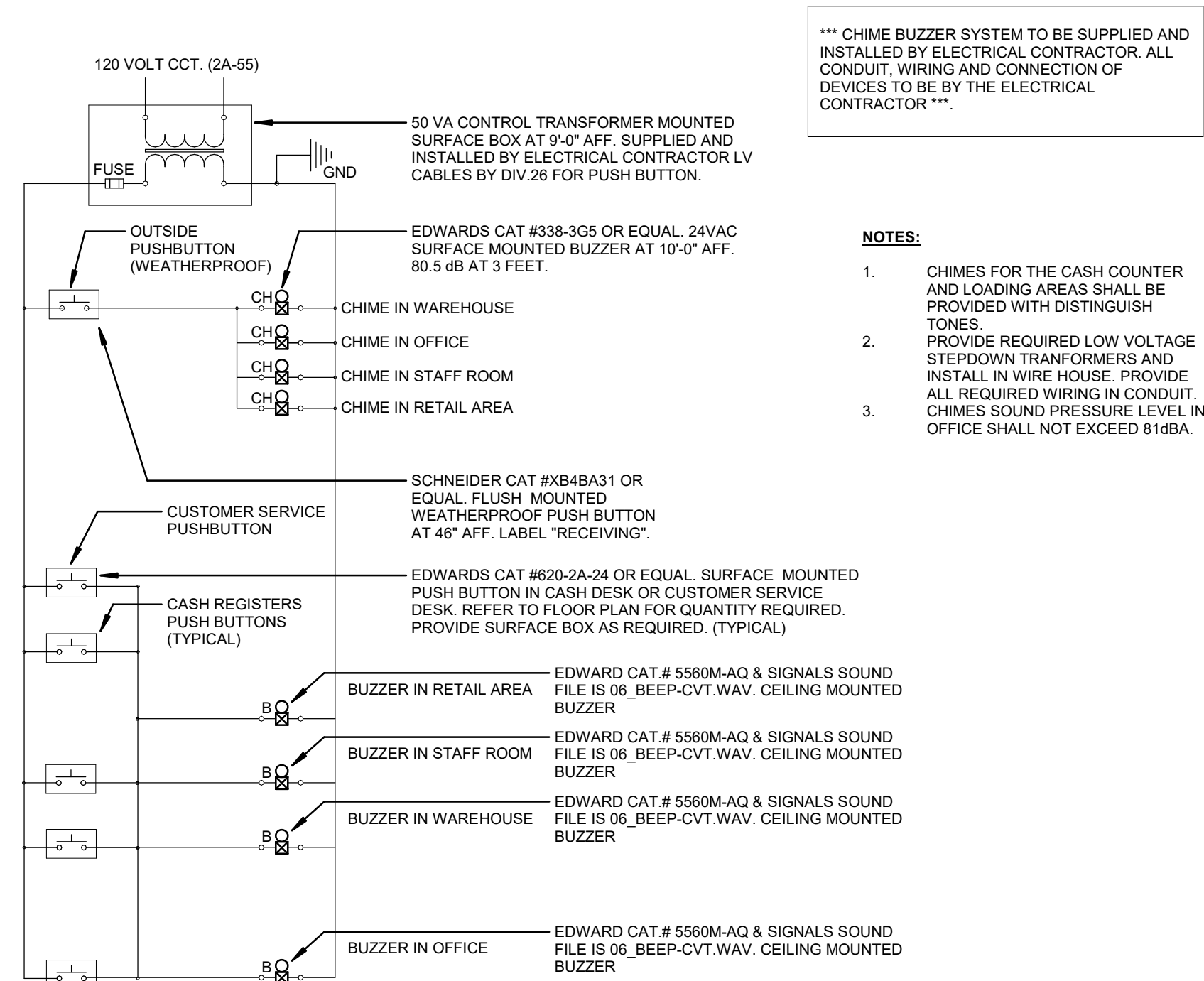
NOTES:

1. DOOR HARDWARE AND DOOR MOTORS SHALL BE SUPPLIED AND INSTALLED BY OTHERS, CONDUIT AND WIRING TO THE MOTORS SHALL BE BY THE ELECTRICAL CONTRACTOR.
2. ALL ROUGHINS AND CONDUIT BY THE ELECTRICAL CONTRACTOR. COORDINATE WITH THE ROUGH-IN LOCATION FOR THE DOOR PUSH BUTTONS AND DOOR LOCK BUTTONS WITH INTERIOR DESIGNER/ARCHITECT.
3. ALL DOOR CONTROL DEVICES INCLUDING DOOR PUSH BUTTONS AND LOCK BUTTONS AND EMERGENCY CALL ASSISTANCE DEVICES SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
4. FINAL CONNECTION TO THE SECURITY AND DOOR CONTROL DEVICES SHALL BE COMMISSIONED BY THE AUTHORIZED MANUFACTURER TECHNICIAN. ALL COSTS SHALL BE INCLUDED IN THIS CONTRACT.
5. LOW VOLTAGE CABLES C/W CONDUIT SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. ALL WIRING SHALL BE RUN IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION.



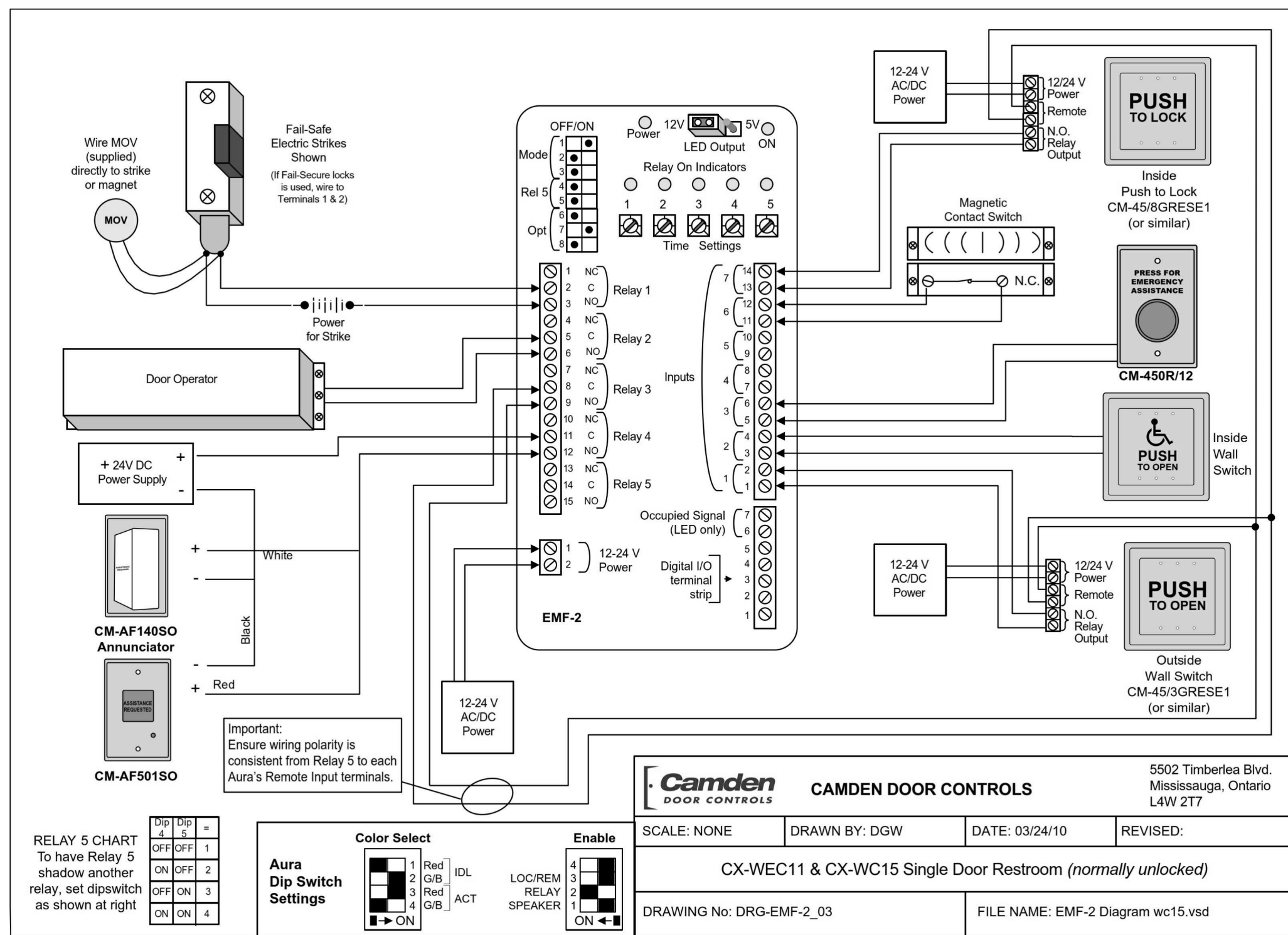
TYPICAL DETAIL OF MOTORIZED SHADE CONTROL BY SUN SENSOR

SCALE: N.T.S.



CASH DESK AND RECEIVING DOOR CHIME/BUZZER WIRING DIAGRAM

SCALE: N.T.S.



B.F. WASH ROOM EMERGENCY CALL ASSISTANCE AND DOOR CONTROL WIRING DIAGRAM

SCALE: N.T.S.

STAFF LUNCH ROOM FAN WIRING

DIAGRAM

SCALE: N.T.S.



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Drawing Title:	E-10	R4
Sheet No.:		
Rev:		