



KEY PLAN - BASEMENT

- AREA OF WORK
- AREA NOT IN CONTRACT

AREA OF WORK

BASEMENT 132 MF (1,417 SQ. FT.)  
2ND FLOOR 69 MF (739 SQ. FT.)  
3RD FLOOR 137 MF (1,427 SQ. FT.)  
TOTAL 338 MF (3,583 SQ. FT.)

SCOPE OF WORK

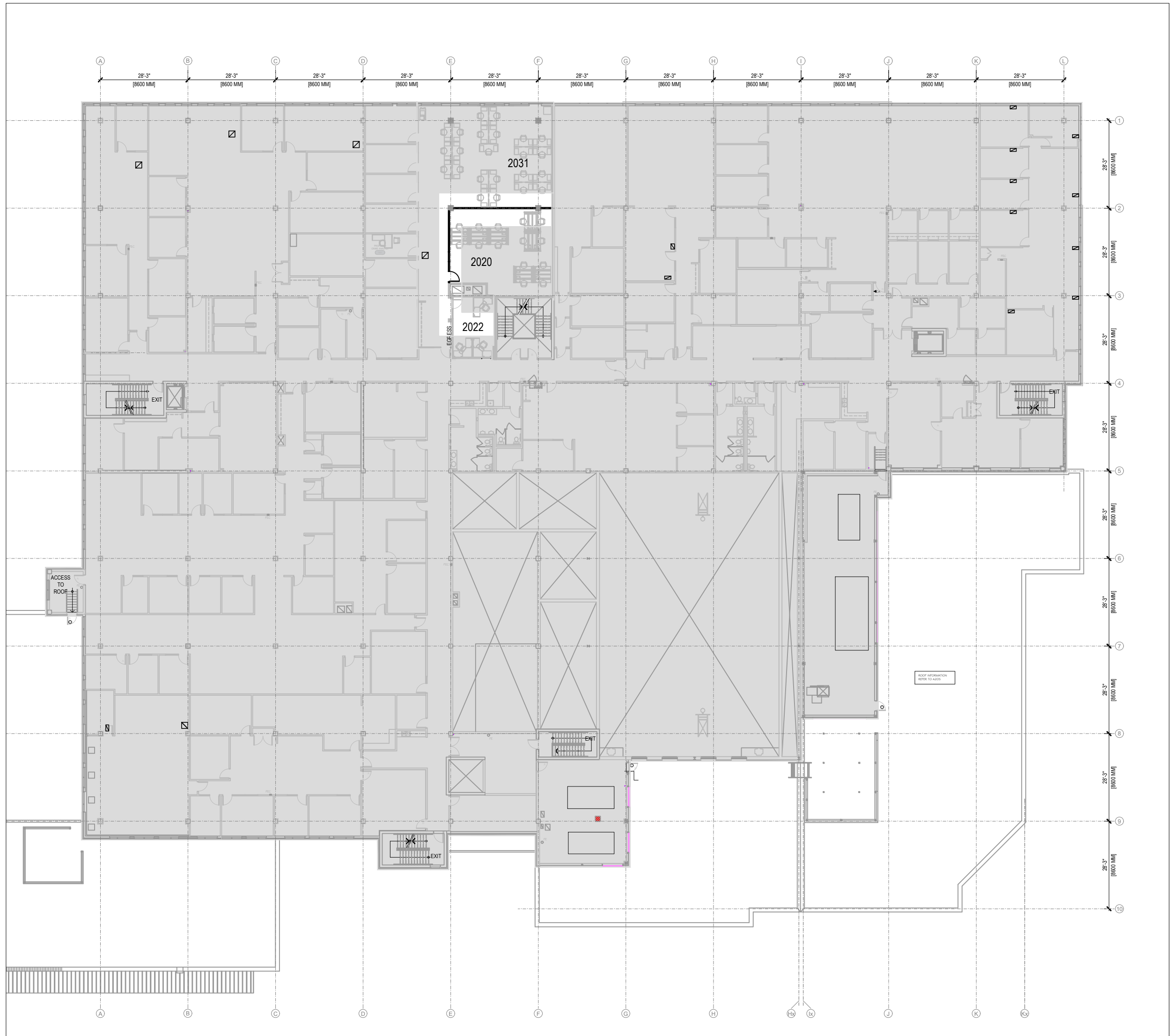
INTERIOR DEMOLITION OF INTERIOR PARTITIONS, DOORS/FRAMES AND CEILING ASSEMBLIES  
NEW INTERIOR PARTITIONS, DOORS/FRAMES AND CEILING ASSEMBLIES  
NEW PLUMBING FOR SHOWERS AT BASEMENT LEVEL

DRAWING LIST

INTERIOR DESIGN	MECHANICAL
D20 COVER PAGE	REFER TO MECHANICAL DRAWINGS FOR COVER PAGE DRAWING LIST
D01 DEMOLITION & CONSTRUCTION PLANS	
D02 BASEMENT FLOOR DEMOLITION & CONSTRUCTION PLANS	ELECTRICAL
D03 2ND FLOOR DEMOLITION & CONSTRUCTION PLANS	REFER TO ELECTRICAL DRAWINGS FOR COVER PAGE DRAWING LIST
D04 3RD FLOOR DEMOLITION & CONSTRUCTION PLANS	
	SPRINKLER
	REFER TO SPRINKLER DRAWINGS FOR COVER PAGE DRAWING LIST

PROJECT CONTACT

INTERIOR DESIGN COMLEY VAN BRUSSEL DESIGN 2600 SKYMARK AVENUE, BUILDING 8, SUITE 101 MISSISSAUGA, ON L4W 5B2 CONTACT: CAROL LAM/LAM-YOUNG dclane-cyoung@comleyvanbrussel.com	MECHANICAL & ELECTRICAL TANCO ENGINEERING LTD. 80 NASHORNE RD, 2ND FLR, STE 213 TORONTO, ON M1V 5E4 CONTACT: MIKE CHONG tanco@tancoengineering.ca
LAND ORD PEEL REGIONAL POLICE 7150 MISSISSAUGA RD MISSISSAUGA, ON L4W 5M6 CONTACT: CHRIS GILLESPIE chris.gillespie@peelpolice.ca	SPRINKLER WISROD FIRE CONSULTING 1540 CLEMENTS RD., STE 202 PICKERING, ON L1W 3Y2 CONTACT: MIKE MORRIS 905-669-5154



KEY PLAN - 2nd FLOOR

- AREA OF WORK
- AREA NOT IN CONTRACT

GENERAL NOTES

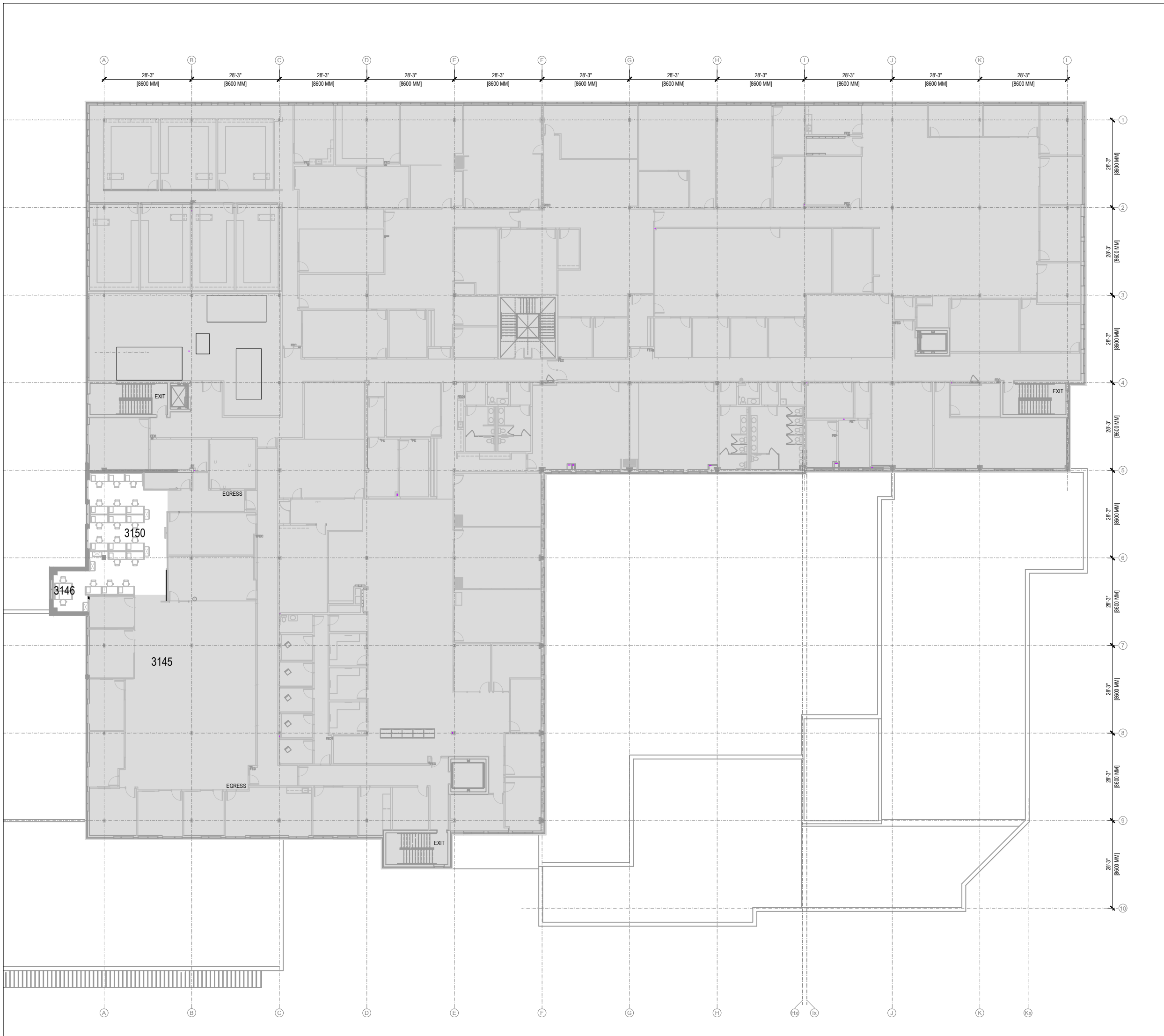
- TENDERING, PERMITS AND INSPECTIONS, COMPLIANCE OF WORK:
- NO DEMOLITION OR CONSTRUCTION IS TO START WITHOUT ISSUANCE OF A BUILDING PERMIT.
  - THE CONTRACTOR SHALL GIVE ALL REQUIRED NOTICES FOR INSPECTIONS AS REQUIRED BY THE BUILDING PERMIT AND ALL AUTHORITIES HAVING JURISDICTION.
  - UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PAY FOR, AND OBTAIN, A SIGNED RELEASE FROM THE MUNICIPALITY HAVING JURISDICTION INDICATING THAT ALL WORK IS COMPLETED AND THE PERMIT IS SIGNED OFF.
  - ALL WORK IN THIS CONTRACT SHALL CONFORM TO THE REQUIREMENTS OF ALL EXISTING BY LAWS, CODES, MUNICIPAL GOVERNMENTS AND JURISDICTIONS HAVING AUTHORITY OVER THIS PROJECT.
  - CONTRACTOR IS TO COMPLY WITH ALL BASE BUILDING WORK REGULATIONS AND PROCEDURES. REFER TO TENANT GUIDELINES AND/OR CO-ORDINATE WITH PROPERTY MANAGER.

- SITE MEETINGS:
- THE GENERAL CONTRACTOR, DURING THE COURSE OF THE WORK, SHALL CO-ORDINATE REGULARLY SCHEDULED SITE MEETINGS.
  - IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO CHAIR, RECORD AND DISTRIBUTE MEETING MINUTES INCLUSIVE OF SCHEDULE UPDATES.

- CO-ORDINATION OF THE WORK:
- IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE CONTRACT DOCUMENTS ARE MADE AVAILABLE TO ALL TRADERS IN ORDER TO ENSURE INCLUSION OF ALL ASPECTS OF THE WORK.
  - ALL DRAWINGS AND SPECIFICATIONS MUST BE REVIEWED IN CONJUNCTION WITH ALL OTHER DRAWINGS OF ALL CONSULTANTS INCLUDING BUT NOT LIMITED TO MECHANICAL AND ELECTRICAL ENGINEERING DRAWINGS AND SPECIFICATIONS. EXTRA FOR MISSED WORK THAT WAS COVERED ON ANY OF THE DRAWINGS EVEN IF NOT COVERED IN ALL OF THE DRAWINGS WILL NOT BE CONSIDERED.
  - ANY CONFLICTS, DISCREPANCIES AND/OR OMISSIONS ARE TO BE REPORTED TO COMLEY VAN BRUSSEL DESIGN AND MANAGEMENT FOR CLARIFICATIONS PRIOR TO PROCEEDING WITH ANY WORK.

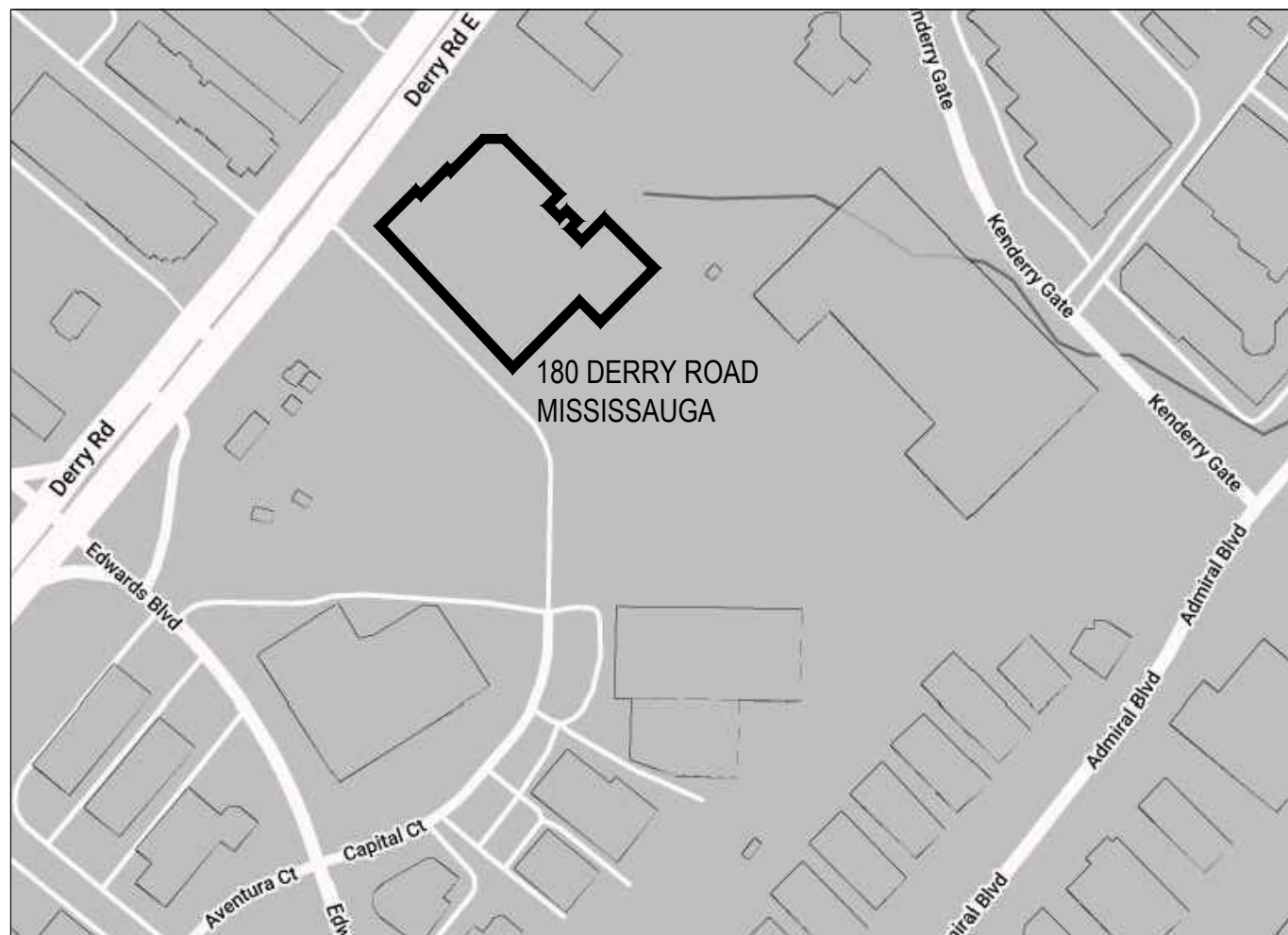
- SITE MAINTENANCE, PROTECTION AND CLEANING:
- THE GENERAL CONTRACTOR SHALL PROTECT ALL FINISHED AREAS DURING THE SCOPE OF THE PROJECT. ANY RESULTANT DAMAGE SHALL BE MADE GOOD BY THE GENERAL CONTRACTOR TO THE SATISFACTION OF THE DESIGNER.
  - CONTRACTOR IS TO PROVIDE PROTECTION TO ANY BASE BUILDING ELEMENTS DURING THE SCOPE OF THE PROJECT.
  - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL, SAFE STORAGE AND RE-INSTALLATION OF CEILING TILES AS REQUIRED FOR THE SUB-TRADES TO COMPLETE THEIR WORK.
  - ALL DEBRIS SHALL BE REMOVED FROM SITE ON A DAILY BASIS. SITE TO BE LEFT BROOM CLEAN ONLY.
  - CONTRACTOR IS TO INCLUDE FOR ALL NECESSARY AND REQUIRED MEANS TO MAINTAIN A CLEAN WORK SITE AND FOR THE REMOVAL OF DEBRIS AND RUBBISH INCLUDING BUT NOT LIMITED TO GARBAGE CHUTES AND DISPOSAL BINS.
  - EXITS AND POINTS OF EGRESS SHALL BE CLEARLY IDENTIFIED AND MAINTAINED ACCESSIBLE DURING THE PROJECT.

- DEMOLITION AND CONSTRUCTION
- DESIGNATED MATERIALS (E.G. ASBESTOS) IMMEDIATELY REPORT THE DISCOVERY OF DMS AND STOP WORK IN THE AREA UNTIL THE BUILDING MANAGER OR OWNERS AUTHORIZES OTHERWISE. ALL CLEAN UP, REMOVAL AND DISPOSAL OF DMS SHALL CONFORM TO THE ONTARIO MINISTRY OF LABOUR CURRENT REGULATIONS.
  - FIREPROOFING PATCH AND REPAIR ALL FIREPROOFING DAMAGED DURING THE CONSTRUCTION.



KEY PLAN - 3rd FLOOR

- AREA OF WORK
- AREA NOT IN CONTRACT



LOCATION PLAN



DO NOT SCALE THIS DRAWING.

CONTRACTOR TO VERIFY ALL MEASUREMENTS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNER PRIOR TO PROCEEDING.

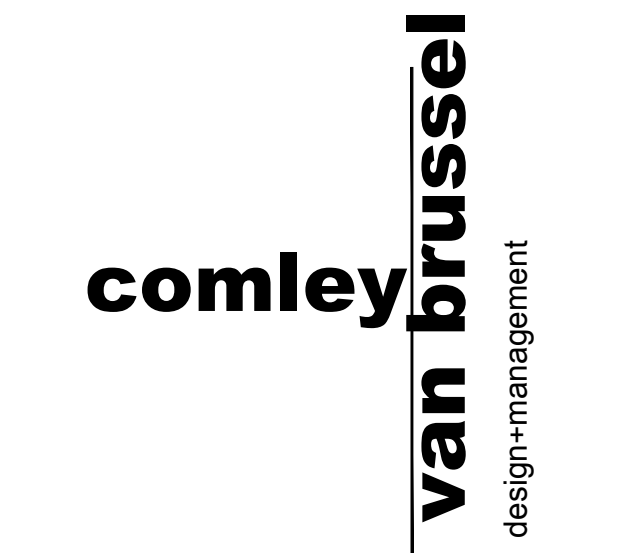
ALL DRAWINGS REMAIN THE PROPERTY OF COMLEY VAN BRUSSEL DESIGN. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERCEDED.

ISSUED

no.	issued for	date	by
1	issued to Tanco for coord	19Jun2023	dly
2	issued to PRP for review	27Jun2023	dly
3	issued to Tanco for coord	12July2023	th
4	permit	31July2023	pv
5	revise chgs release	18Aug2023	dly
6	tender	15Sep2023	dly
7	issued to Tanco for coord	09Feb2024	dly
8	tender	18Jun2024	dly

REVISIONS

no.	remarks	date	by
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design@comleyvanbrussel.com

project  
PEEL REGIONAL POLICE  
180 Derry Road E  
Mississauga ON L5T 2Y5  
Basement, 2nd, 3rd Floors

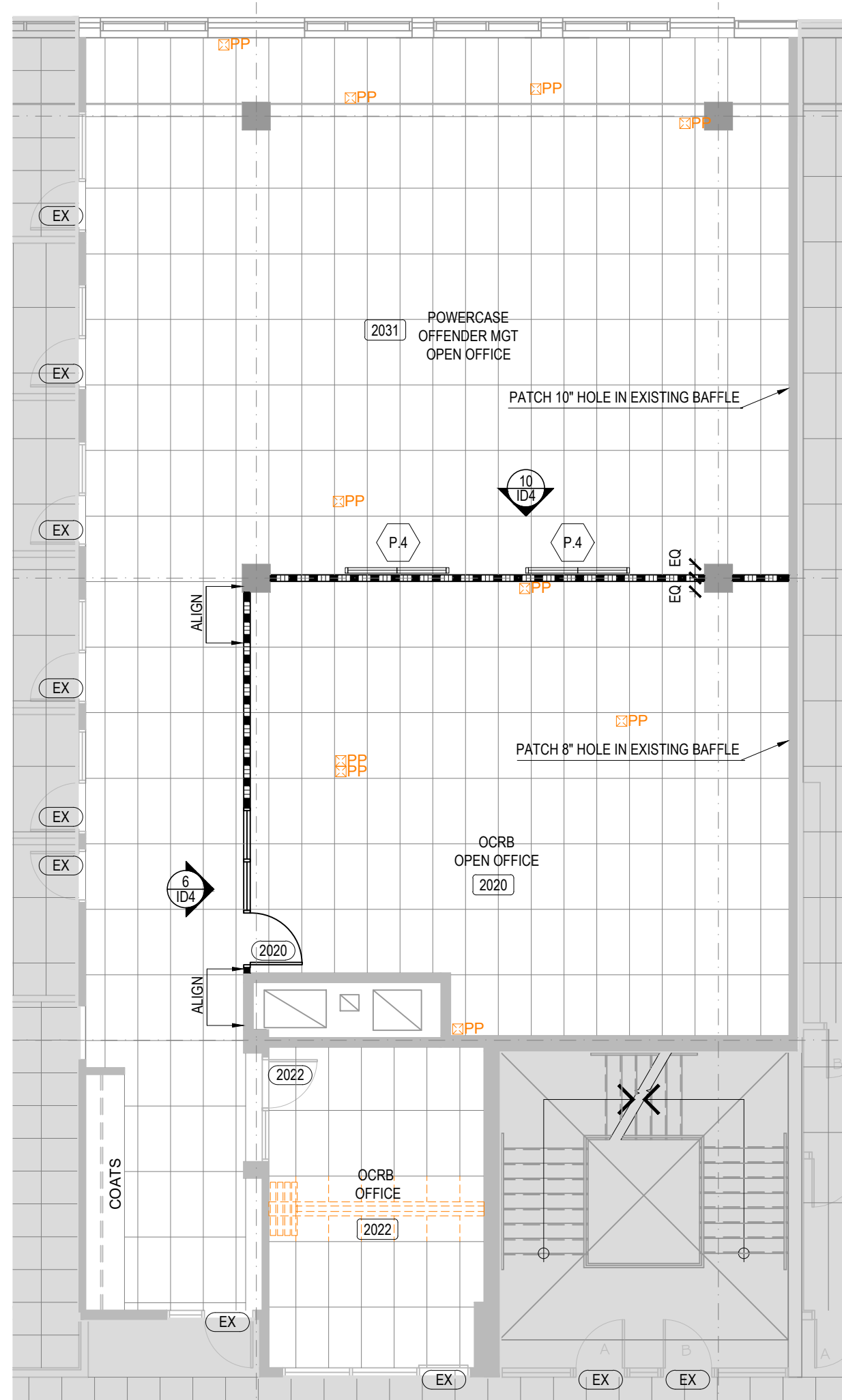
title  
COVER PAGE

drawing north	drawn by dly/th	reviewed pv
	date June 07, 2023	
	scale as noted	
	project no. 23-3461	
	sheet no.	rev.
	ID00	1









**1**  
**ID2** DEMOLITION / PARTITION PLAN - 2nd FLOOR  
SCALE: 1/8" = 1'-0"

DEMOLITION / CONSTRUCTION PLAN LEGEND	
	EXISTING PARTITIONS AND COLUMNS TO REMAIN (PREPARE TO RECEIVE NEW FINISH INDICATE WALL FINISHES PLAN)
	EXISTING PARTITIONS TO BE DEMOLISHED
	EXISTING FOLDING PARTITION AND SUPPORTS TO BE REMOVED
	DOOR TO BE REMOVED
	EXISTING WIRE MOLD TO BE REMOVED, REFER TO ENGINEERS DWGS
	DATA/TELE OUTLET TO BE REMOVED
	ELECTRICAL OUTLET TO BE REMOVED
	EXISTING PACK HOLE TO BE REMOVED OR RELOCATED
	EXISTING RECESSED POT LIGHT TO BE REMOVED AND DISPOSED OF
	EXISTING BASE BUILDING STANDARD 2x4 FLUORESCENT LIGHT FIXTURE TO BE REMOVED AND HAND BACK TO CLIENT
	LIGHTING CONTROLS TO BE REMOVED
	EXISTING BUILDING STANDARD 2x4 FLUORESCENT LIGHT FIXTURE TO BE REMOVED AND HAND BACK TO CLIENT
	DOOR NUMBER (REFER TO DOOR SCHEDULE FOR DETAILS)

**ONLY THE FOLLOWING PARTITION TYPES ARE USED IN THIS PROJECT**

■ ■ ■ ■ ■ PARTITION TYPE 5: SLAB TO SLAB CW/SCAND BATTIS REFER TO S101

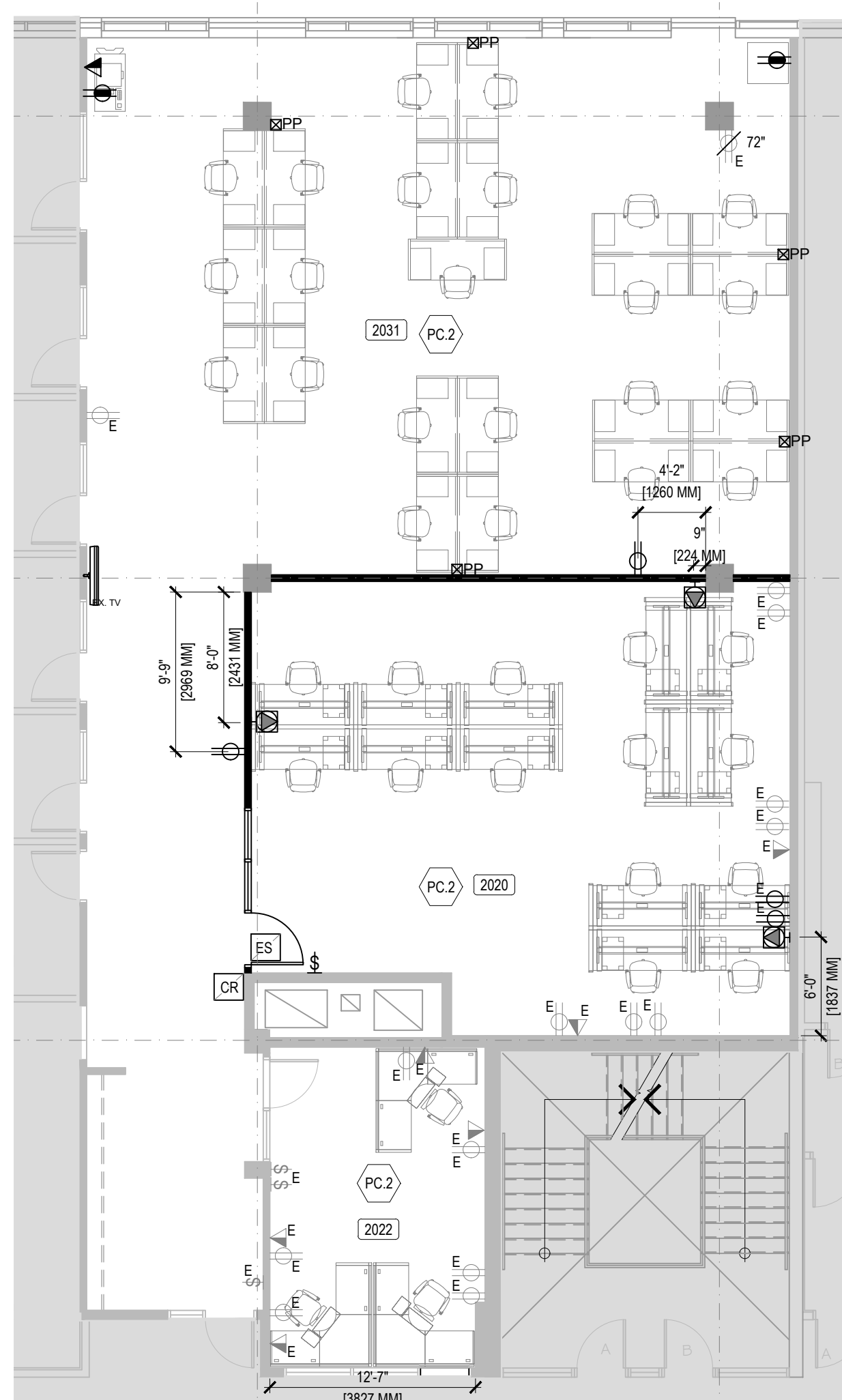
### DEMOLITION / CONSTRUCTION PLAN : NOTES

THIS DRAWING MUST BE REVIEWED IN CONJUNCTION WITH ALL OTHER DRAWINGS OF ALL CONSULTANTS INCLUDING BUT NOT LIMITED TO MECHANICAL AND ELECTRICAL ENGINEERING DRAWINGS AND SPECIFICATIONS. EXTRAS FOR MISSED WORK THAT WAS COVERED ON ANY OF THE DRAWINGS EVEN IF NOT COVERED IN ALL OF THE DRAWINGS WILL NOT BE CONSIDERED.














- DEMOLITION NOTES:**
- POWER, COMMUNICATIONS AND LIGHTING ELEMENTS INDICATED FOR REMOVAL ARE TO BE REMOVED PRIOR TO DEMOLITION.
  - REMOVE ALL WALL MOUNTED ITEMS INCLUDING WHITEBOARDS, CORK BOARDS, PICTURE HOOKS, NAILS, TWO SIDED TAPE.
- PARTITION NOTES:**
- TOP TRACK OF PARTITIONS TO BE CLIPPED AND NOT SCREWED TO THE T-BAR GRID. PROVIDE CONTINUOUS TAPES AT TOP TRACK TO MAINTAIN PROPER SOUND INSULATION. DO NOT ADHERE TO T-BAR GRID - FRICTION FIT AND 1 CLIPS ONLY.
  - DRYWALL IS TO BE INSTALLED WITH MAXIMUM 1/2" SPACE AT FLOOR SLAB.
  - LOCATE ALL DOOR JAMBS 4" FROM CORNER WALLS, UNLESS NOTED OTHERWISE.
  - CONTRACTOR TO MAKE GOOD ALL FLOORS, BASES, WALLS, COLUMNS AND CEILING SUITABLE TO ACCEPT NEW FINISHES OR MATERIALS.
  - EXISTING PARTITIONS, DRYWALL, BULKHEADS, CONVECTORS, COLUMNS, DOORS AND FRAMES, TO BE SAVED, PATCHED AND REPAIRED PRIOR TO APPLICATION OF NEW FINISHES.
  - HANGING SCREEN SHALL BE SPECTED WITH MINIMAL NOISE, DUST AND INCONVENIENCE TO ADJUST OCCUPIED AREAS AT FLOOR PLATE.
  - HANGING SCREEN SHALL BE REMOVED AND ANY AND ALL DAMAGED OR BLEMISHED ADJACING WORK SHALL BE MAKE GOOD.

### DEMOLITION / PARTITION KEY NOTES

	RESERVED
	RESERVED
	RESERVED
	CONTRACTOR TO SALVAGE EXISTING MILLWORK AND MULLLOTS (3RD FLOOR) FOR RELOCATION. CLIENT TO ADVISE TO NEW LOCATION.
	RESERVED
	RESERVED
	RESERVED
	SEPARATE PRICE. SUPPLY AND INSTALL 2 SECTION OF NEW CLEARESTORY GLAZING AND FOLLOW METAL FRAMES. SIZE: 10'x20' (TUMBL TEMPERED CLEAR FLOAT GLASS, BUTT JOINT BETWEEN 2 EQ 3 PANELS OF GLASS. FRAME TO ALIGN WITH TOP OF DOOR FRAME. (2ND FLOOR))
	CONTRACTOR TO INSTALL WALL WHERE FIRE EXTINGUISHER IS REMOVED. MAKE GOOD FOR NEW FINISH. FIRE EXTINGUISHER TO BE HANDS BACK TO CLIENT. (3RD FLOOR)
	CONTRACTOR TO LAMINATE DRYWALL TO EXISTING BLOCK WALL. MAKE GOOD FOR NEW FINISH. (3RD FLOOR)



**2**  
**ID2** POWER & COMMUNICATIONS PLAN - 2nd FLOOR  
SCALE: 1/8" = 1'-0"

POWER & COMMUNICATIONS LEGEND	
	DENOTES EXISTING TO BE REMOVED AND DISPOSED OF OR RELOCATED
	DENOTES EXISTING TO REMAIN
	DENOTES EXISTING TO BE CAPPED
	DENOTES STANDARD DUPLEX ELECTRICAL RECEPTACLE WALL MOUNTED @ 12" ABOVE FINISHED FLOOR
	DENOTES DUPLEX ELECTRICAL WALL MOUNTED @ SPECIFIED NON-STANDARD HEIGHT
	DENOTES STANDARD QUAD ELECTRICAL RECEPTACLE WALL MOUNTED @ 12" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE
	DENOTES SEPARATE CIRCUIT ELECTRICAL RECEPTACLE WALL MOUNTED @ 12" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE
	DENOTES VOICEDATA OUTLINE WALL MOUNTED @ 12" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE. STANDARD VOICEDATA AND VOICEDATA UNLESS NOTED OTHERWISE. THUS VOICEDATA UNLESS NOTED OTHERWISE
	SINGLE SWITCH TO BE WALL MOUNTED TO MATCH EXISTING HEIGHT UNLESS NOTED OTHERWISE. W DENOTES MASTER, T DENOTES 3-WAY, M DENOTES MOTORIZED SCREEN, MB DENOTES MOTORIZED BLINDS
	PA/PHONE LOCATION OF CEILING INCOMING FEED FOR POWER AND COMMUNICATIONS. NUMBER OF CONDUCTORS FOR ELECTRICAL AND FOR COMMS 40. FINISH WHITE. REFER TO ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
	LOCATION OF WALL MOUNTED INCOMING FEED TO SYSTEMS FURNITURE. SCREEN ELECTRICALS AND COMMUNICATIONS WALL MOUNT TO BE INSTALLED AT 12" UNLESS NOTED OTHERWISE. STANDARD INCOMING FEED TO SYSTEMS FURNITURE IS 12" OR 3" NEUTRALS / 12" OR 4" ISOLATED GROUND - CONFIRM IN SYSTEMS FURNITURE SELLER'S CATALOG. REFER TO ELECTRICAL DRAWINGS FOR CONTRACT LOCATION. REFER TO VOICEDATA UNLESS NOTED OTHERWISE. THIS REFER TO ENGINEER'S DRAWINGS FOR CONDUIT SIZE. ALLOW 10% EXCESS FEEDER CABLE TERMINATE TO WALL PLATE
	NEW WIRE/LEAD - REFER TO ENGINEERING DRAWINGS FOR SPECIFICATION -- BE BLACK COLORED INSTALLED ON THE WALL, TIGHT TO TOP OF WALL PLATE
	NEW AUTOMATIC DOOR OPERATORS TO BE SUPPLIED AND INSTALLED AT THIS LOCATION. REFER TO ENGINEERS DRAWINGS FOR CONTRACT LOCATION. REFER TO DOOR SCHEDULE (4 NOTES) REFER TO O.B.C.3.3.3. (1)

### SECURITY LEGEND

	DENOTES ELECTRIC STRIKE
	DENOTES CARD READER

### AUDIO VISUAL LEGEND

	DENOTES FLAT SCREEN MONITOR SUPPLIED AND INSTALLED BY OTHERS. MOUNTING HEIGHT AND POWER & COMMUNICATION REQUIREMENTS AS NOTED IN PLAN
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### POWER & COMMUNICATIONS : NOTES

- THIS DRAWING MUST BE REVIEWED IN CONJUNCTION WITH ALL OTHER DRAWINGS OF ALL CONSULTANTS INCLUDING BUT NOT LIMITED TO MECHANICAL AND ELECTRICAL ENGINEERING DRAWINGS AND SPECIFICATIONS. EXTRAS FOR MISSED WORK THAT WAS COVERED ON ANY OF THE DRAWINGS EVEN IF NOT COVERED IN ALL OF THE DRAWINGS WILL NOT BE CONSIDERED.
- THIS DRAWING SHALL TAKE PRECEDENCE FOR LOCATION, ENGINEERING DRAWINGS TO TAKE PRECEDENCE FOR CIRCUITRY AND LIFE SAFETY CONSIDERATIONS.
- POWER, COMMUNICATIONS AND LIGHTING ELEMENTS INDICATED FOR REMOVAL ARE TO BE REMOVED PRIOR TO DEMOLITION. (BASEMENT) NOTE IF WALL TIGHT TO FLOOR, ON TOP OF WALL BASE.
- INACTIVE DEVICES: REMOVE ALL PLAIN PLATE DEVICES ON BONES/CONDUIT AND WIRING IN LOCATIONS NOT TO BE REACTIVATED. REMOVE NEW T-BAR AND ALUMINUM COLUMNS AFTER DEMO AND REWORK T-BAR AS NOTED ON DWGS. (2ND AND 3RD FLOOR NOTE)
- ALL DIMENSIONS ARE TO THE CENTER OF THE RECEPTACLE OR CENTER OF GANGED RECEPTACLES. ADJACENT OUTLETS TO BE GANGED ON COMMON COVER PLATE.
- ALL NEW POWER AND COMMUNICATIONS DEVICES AND FACE PLATES TO BE: MATCH EXISTING
- ANTI-STATIC FLOORING TO BE PROVIDED AND GROUNDING IN ROOMS: 8101 & 8102. REFER TO FLOOR FINISHES PLAN FOR DETAILS.

### COMMUNICATIONS:

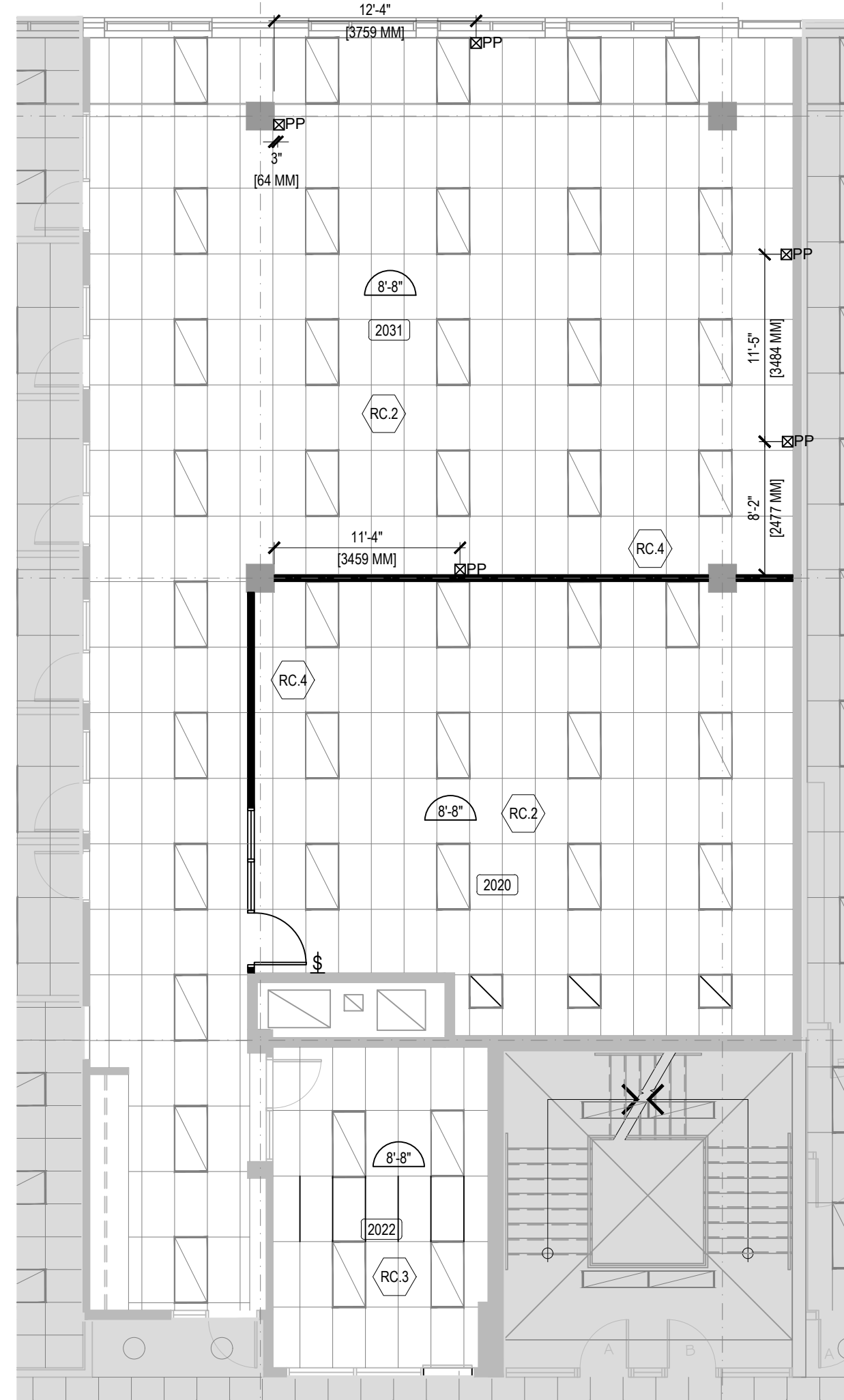
- ALL DATA AND TELEPHONE REQUIREMENTS SHALL BE COORDINATED THROUGH THE CLIENT. CONTACT: CHRIS GILLESPIE 416-232-0997.
- ELECTRICAL TRADE IS RESPONSIBLE FOR THE SUPPLY AND INSTALLATION OF ALL BOXES, CONDUITS AND PULL STRINGS FOR VOICE AND DATA.
- CABLEING CONTRACTOR IS RESPONSIBLE FOR THE SUPPLY AND INSTALL OF CABLEING JACKS AND FACE PLATES.
- CABLEING CONTRACTOR IS TO INCLUDE FOR THE TERMINATION OF ALL COMMUNICATIONS CABLEING AT BOTH ENDS COMPLETE INCLUDING TESTING AND VERIFICATION.
- ON FLOOR/WATER CABLEING 2 DROPS LOCATION UNLESS OTHERWISE NOTED
- PULL QTY. OF CABLE AS SHOWN ON PLAN
- CABLE ALL CABLES AND OUTLETS
- CABLES TO BE JACKED AT OUTLET, PUNCHED DOWN AT PANEL AND CERTIFIED
- RUN CABLE BUNDLES TO CEILING SUSPENDED ON HOOKS
- ALL COMMUNICATIONS CABLEING TO TERMINATE IN IT ROOM. NOTED ON PLAN. REFER TO ENGINEERS DRAWINGS FOR EQUIPMENT SPECIFICATIONS.
- ELECTRICAL CONTRACTOR TO ENSURE POWER IS LOCATED AS PER DESIGNERS DIMENSIONS.

**SECURITY:**

- ELECTRICAL TRADE IS TO INCLUDE ALL ROUGH INLS, CONDUITS, DEVICES BOXES AND LINE VOLTAGE WIRING AS REQUIRED FOR SECURITY SYSTEM.
- SECURITY VENDOR IS TO SUPPLY AND INSTALL ALL SECURITY DEVICES INCLUSIVE OF LOW VOLTAGE WIRING AND REQUIRED PROGRAMMING AS NECESSARY TO RENDER A COMPLETE AND OPERABLE SYSTEM.

### KEY NOTES

	CONTRACTOR TO PUSH BOX FORWARD FLUSH TO NEW SURFACE (BASEMENT NOTE)
	CONTRACTOR TO INCLUDE CASH ALLOWANCE FOR COMMUNICATION (DATA/VOICE) AND SECURITY. ELECTRIC STRIKE ON DOWNWARD ACCESS DOORS TO BE SUPPLIED AND INSTALLED BY GC (OVER AND ABOVE CASH ALLOWANCE FOR SECURITY)
	RESERVED
	SUPPLY AND INSTALL AUTOMATIC FAUCET (HARDWARED, ON GENERATOR). REFER TO ELECTRICAL DRAWINGS FOR FURTHER INFORMATION (BASEMENT NOTE)
	RELOCATED ELECTRICAL PANEL (BASEMENT NOTE)



**3**  
**ID2** REFLECTED CEILING PLAN - 2nd FLOOR  
SCALE: 1/8" = 1'-0"

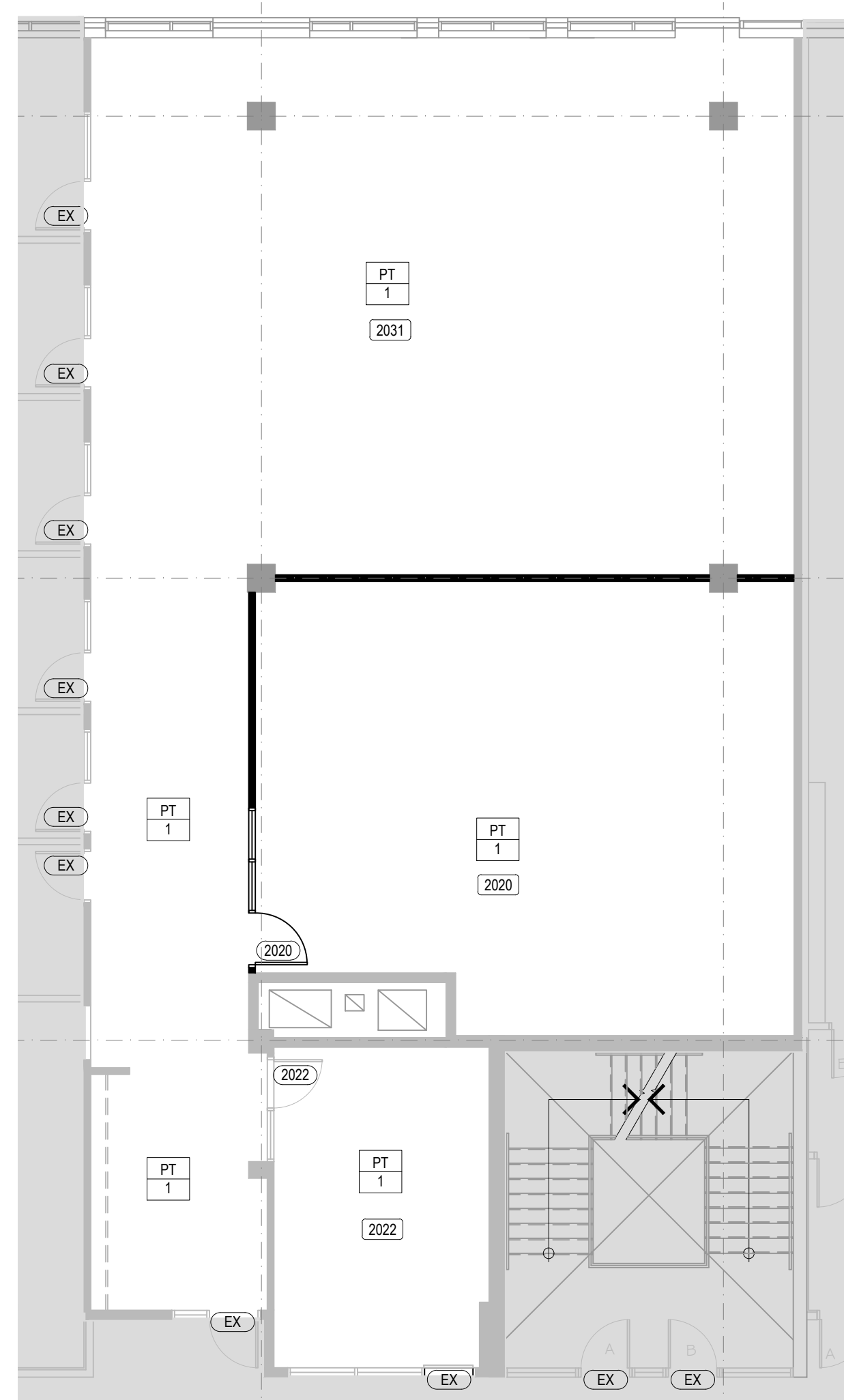
REFLECTED CEILING PLAN LEGEND	
	DENOTES EXISTING TO BE REMOVED AND DISPOSED OF OR RELOCATED DENOTES EXISTING TO REMAIN
	EXISTING BUILDING STANDARD 2x4 FLUORESCENT LIGHT FIXTURE TO REMAIN
	EXISTING BUILDING STANDARD 2x4 FLUORESCENT LIGHT FIXTURE TO MATCH EXISTING (3RD FLOOR)
	NEW DRYWALL BULKHEAD CEILING
	EXISTING BASE BUILDING STANDARD 2x4 FLUORESCENT LIGHT FIXTURE TO REMAIN
	NEW RELOCATED BASE BUILDING STANDARD 2x4 FLUORESCENT LIGHT FIXTURE TO MATCH EXISTING (3RD FLOOR)
	NEW 2x4 LED FIXTURE. REFER TO ENGINEERING DWGS FOR SPECIFICATIONS
	NEW RECESSED POT LIGHT
	NEW STANDARD DUPLEX ELECTRICAL RECEPTACLE AND STANDARD DATA AND HDMI TO BE MOUNTED ABOVE FINISHED CEILING. PROVIDE 1 CONDUIT FROM DATA CEILING FEED TO WALL, OUTLET NEAR TO EXISTING ONE
	SINGLE SWITCH TO BE WALL MOUNTED TO MATCH EXISTING HEIGHT, UNLESS NOTED OTHERWISE. M DENOTES MASTER, T DENOTES 3-WAY, M DENOTES MOTORIZED SCREEN, MB DENOTES MOTORIZED BLINDS
	DENOTES SECURITY CAMERA BY SECURITY VENDOR. CEILING AND WALL MOUNTED. PROVIDE 1 DATA DROP. TO BE CABLED IN CEILING FOR SECURITY VENDOR (BASEMENT)
	DENOTES CEILING HEIGHT

### REFLECTED CEILING : NOTES

- THIS DRAWING MUST BE REVIEWED IN CONJUNCTION WITH ALL OTHER DRAWINGS OF ALL CONSULTANTS INCLUDING BUT NOT LIMITED TO MECHANICAL AND ELECTRICAL ENGINEERING DRAWINGS AND SPECIFICATIONS. EXTRAS FOR MISSED WORK THAT WAS COVERED ON ANY OF THE DRAWINGS EVEN IF NOT COVERED IN ALL OF THE DRAWINGS WILL NOT BE CONSIDERED.
- THIS DRAWING SHALL TAKE PRECEDENCE FOR LOCATION, ENGINEERING DRAWINGS TO TAKE PRECEDENCE FOR CIRCUITRY AND LIFE SAFETY CONSIDERATIONS.
- REMOVE AND RE-INSTALL CEILING TILES AS MAY BE REQUIRED TO ALLOW ACCESS FOR ALL TRADES INCLUDE FOR CUTTING OF CEILING TILES.
- REPLACE ANY DAMAGED OR SOILED CEILING TILES INCLUDING TILES DAMAGED DUE TO PREVIOUS CONSTRUCTION WITH NEW TO MATCH EXISTING AT JOB COMPLETION.
- EXISTING LIGHT FIXTURES TO BE CLEANED AND RE-LAMPED AS REQUIRED.
- LOCATION OF THERMOSTATS ARE TO BE REVIEWED BY DESIGNER PRIOR TO INSTALLATION.
- THE HVAC SYSTEM IS TO BE BALANCED UPON COMPLETION OF CONSTRUCTION.
- SWITCH HEIGHTS TO BE 36" TO CENTERLINE ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
- ALL NEW SWITCH PLATES TO MATCH EXISTING.

### KEY NOTES

	CONTRACTOR TO REMOVE EXISTING CEILING TILES IN 8104 AND RELOCATE ANY CLEAN TILES FOR 8101, 8102, AND 8103. REMOVE SOILED TILES FROM 8101, 8102, 8103. (BASEMENT NOTE)
	CONTRACTOR TO REMOVE ALL DAMAGED CEILING TILES DUE TO PACK POLES
	CONTRACTOR TO REMOVE INTERMEDIATE T'S. PROVIDE NEW T-BAR AND ALUMINUM COLUMNS AFTER DEMO AND REWORK T-BAR AS NOTED ON DWGS. (2ND AND 3RD FLOOR NOTE)
	CONTRACTOR TO CLUT T-BAR GRID TO ALLOW FOR NEW SLAB TO SLAB PARTITION. REWORK T-BAR AS NOTED ON DWGS. (2ND FLOOR NOTE)



**4**  
**ID2** WALL FINISHES PLAN - 2nd FLOOR  
SCALE: 1/8" = 1'-0"

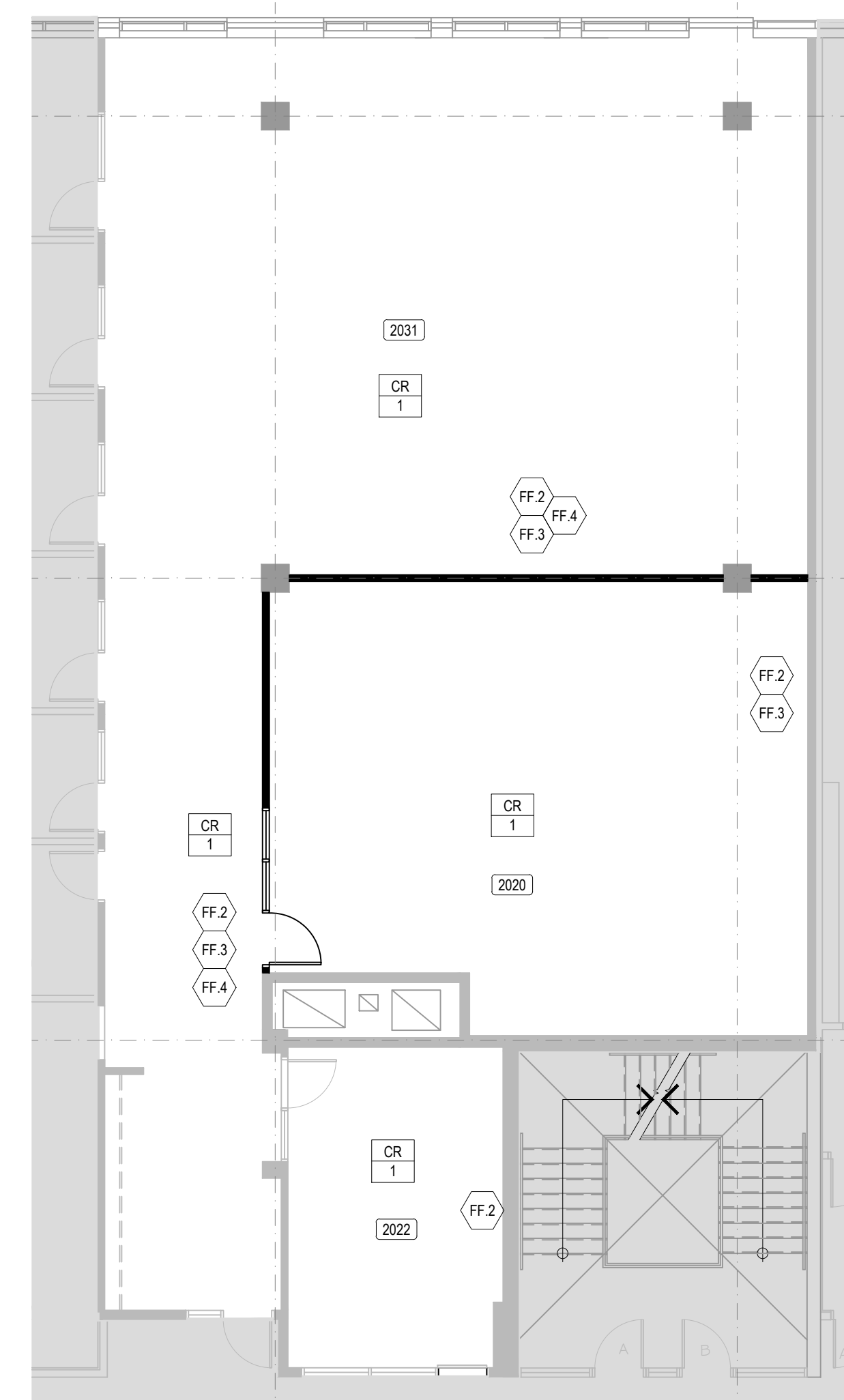
WALL FINISHES PLAN LEGEND	
	PART 1: MANUFACTURER: PARA PANTS (SUPPLIER SPECTRUM PAINTS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING FINISH: SEMI-GLOSS APPLICATION: DOORS AND FRAMES
	PART 2: MANUFACTURER: PARA PANTS COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING FINISH: SEMI-GLOSS APPLICATION: DOORS AND FRAMES
	PART 3: MANUFACTURER: PARA PANTS (SUPPLIER SPECTRUM PAINTS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING FINISH: SEMI-GLOSS APPLICATION: DOORS
	PART 4: MANUFACTURER: SHERWIN WILLIAMS COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING FINISH: SEMI-GLOSS APPLICATION: FRAMES
	PART 5: MANUFACTURER: BENJAMIN MOORE COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING FINISH: FLAT APPLICATION: DRYWALL CEILING
	WALL TILE 1: MANUFACTURER: ROYAL MOSAIC PATTERN: MARBLE BLEND 12"x12" COLOUR: STARK ATLANTIDE ROWS WITH MATTE AND GLOSS TILES 3010 BRIGHT WHITE. START WITH MATTE ROW FROM TOP OF WALL BASE. STONE MATTE 1310 TO BRIGHT WHITE PLAIN GLOSS. GROUT: LATITORE 46 BRIGHT WHITE
	WALL TILE 2: MANUFACTURER: OLIVARIA TILE PATTERN: QUEBEC UNGLAZED 2"x2" COLOUR: GRAYWELL GROUT: LATITORE 46 RAVEN

### WALL FINISHES PLAN : NOTES

- THIS DRAWING MUST BE REVIEWED IN CONJUNCTION WITH ALL OTHER DRAWINGS OF ALL CONSULTANTS INCLUDING BUT NOT LIMITED TO MECHANICAL AND ELECTRICAL ENGINEERING DRAWINGS AND SPECIFICATIONS. EXTRAS FOR MISSED WORK THAT WAS COVERED ON ANY OF THE DRAWINGS EVEN IF NOT COVERED IN ALL OF THE DRAWINGS WILL NOT BE CONSIDERED.
- ALL FINISHES ARE TO BE HANDED AND APPLIED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
- ALL PAINTS AND PRIMER TO MEET LEED STANDARDS. TOP COAT PAINTS TO MEET GREEN SEAL STANDARDS: GS-1. NON-FLAT PAINT 120 VOC LIMIT (GL). FLAT PAINT 50 VOC LIMIT (GL). PRIMER AND UNDERCOATS TO MEET GREEN SEAL AIR QUALITY MANAGEMENT DISTRICT RULE #110. CONTRACTOR TO PROVIDE DATA SHEET FOR PAINT PRODUCTS TO SHOW PRODUCT MEETS LEED STANDARDS. MUST SUBMIT DATA FOR DESIGNER TO SIGN OFF.
- CONTRACTOR TO SUPPLY AND PAINT DRAW DOWNS FOR DESIGNER APPROVAL PRIOR TO APPLICATION.
- EXISTING PARTITION AND BASE BUILDING ELEMENTS: INCLUDE TO PATCH BOMB AS NEEDED TO RECEIVE NEW FINISH. PRIME ONE (1) COAT BASE PRIMER TO ALL SURFACE PRIOR TO INSTALLATION OF FINISHES.
- EXISTING PARTITION AND BASE BUILDING ELEMENTS PAINTED IN DARK COLOURS ARE TO RECEIVE MIN. THREE (3) COATS ACRYLIC LATEX FINISH. ALL OTHER COLOURS TO RECEIVE (2) COATS ACRYLIC LATEX FINISH.
- NEW SURFACES TO BE PAINTED WITH A LIGHT OR MEDIUM BASE TINT. PRIME ONE (1) COAT PRIMER AND TWO (2) COATS ACRYLIC LATEX FINISH.
- ALL EXISTING PAINT GRADE DOORS TO BE PRIME AND PAINTED PT.3 (SEMI-GLOSS). ALL EXISTING HOLLOW METAL FRAMES TO BE PRIME AND PAINTED PT.2 (SEMI-GLOSS).
- NEW PAINT GRADE DOORS TO BE PRIME AND PAINTED AS FOLLOW: - DOORS 8104, 8108 (BASEMENT) AND 8103, 8102 (2ND FLOOR) TO BE PAINTED PT.2 (SEMI-GLOSS) - DOORS 8106, 8108, 8107, 8108 AND 8109 (BASEMENT) TO BE PAINTED PT.3 (SEMI-GLOSS). ALL NEW HOLLOW METAL FRAMES TO BE PRIME AND PAINTED AS FOLLOW: - DOORS 8104, 8108 (BASEMENT) AND 8103, 8102 (2ND FLOOR) TO BE PAINTED PT.2 (SEMI-GLOSS) - DOORS 8106, 8108, 8107, 8108 AND 8109 (BASEMENT) TO BE PAINTED PT.3 (SEMI-GLOSS).

### KEY NOTES

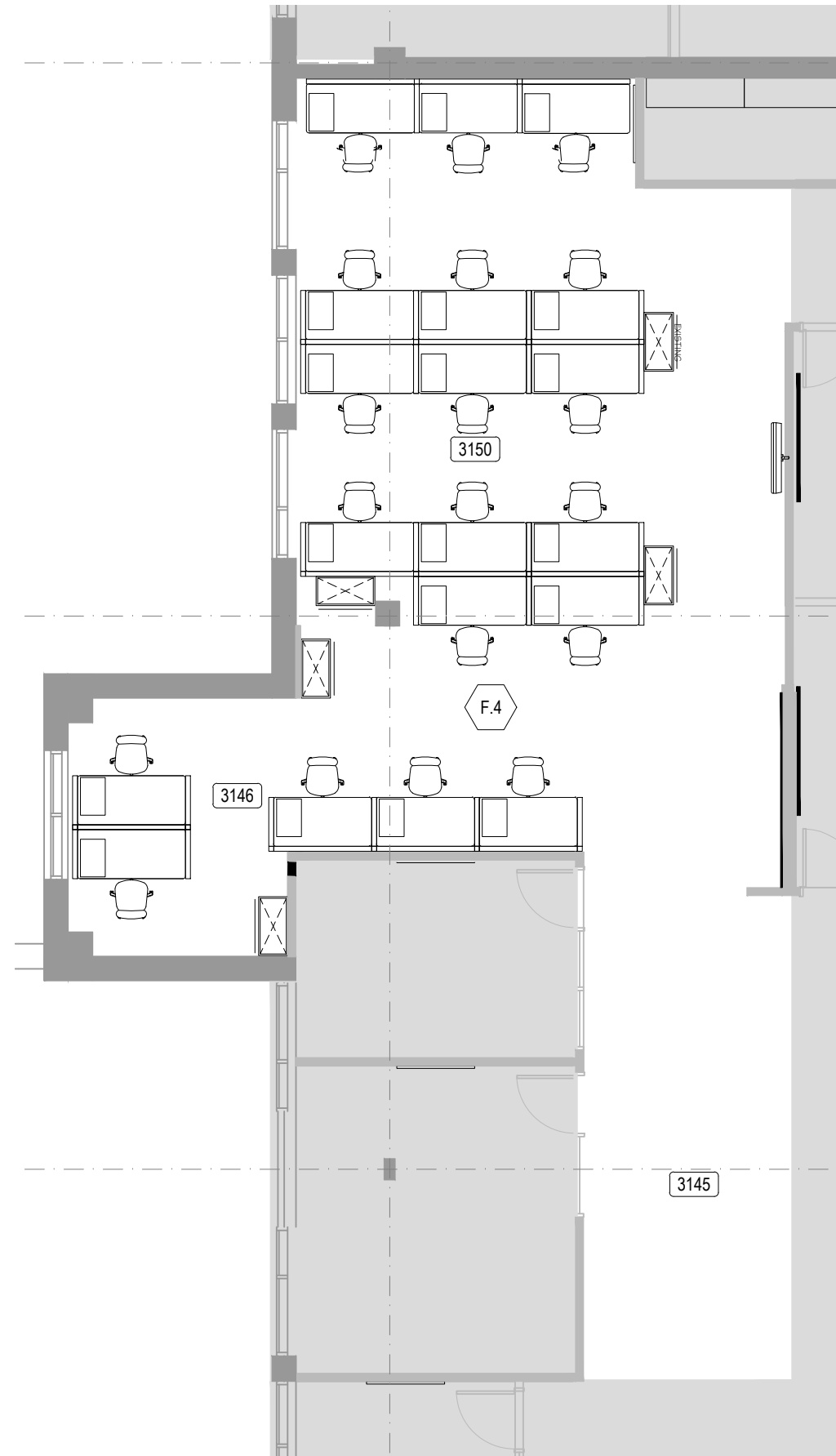
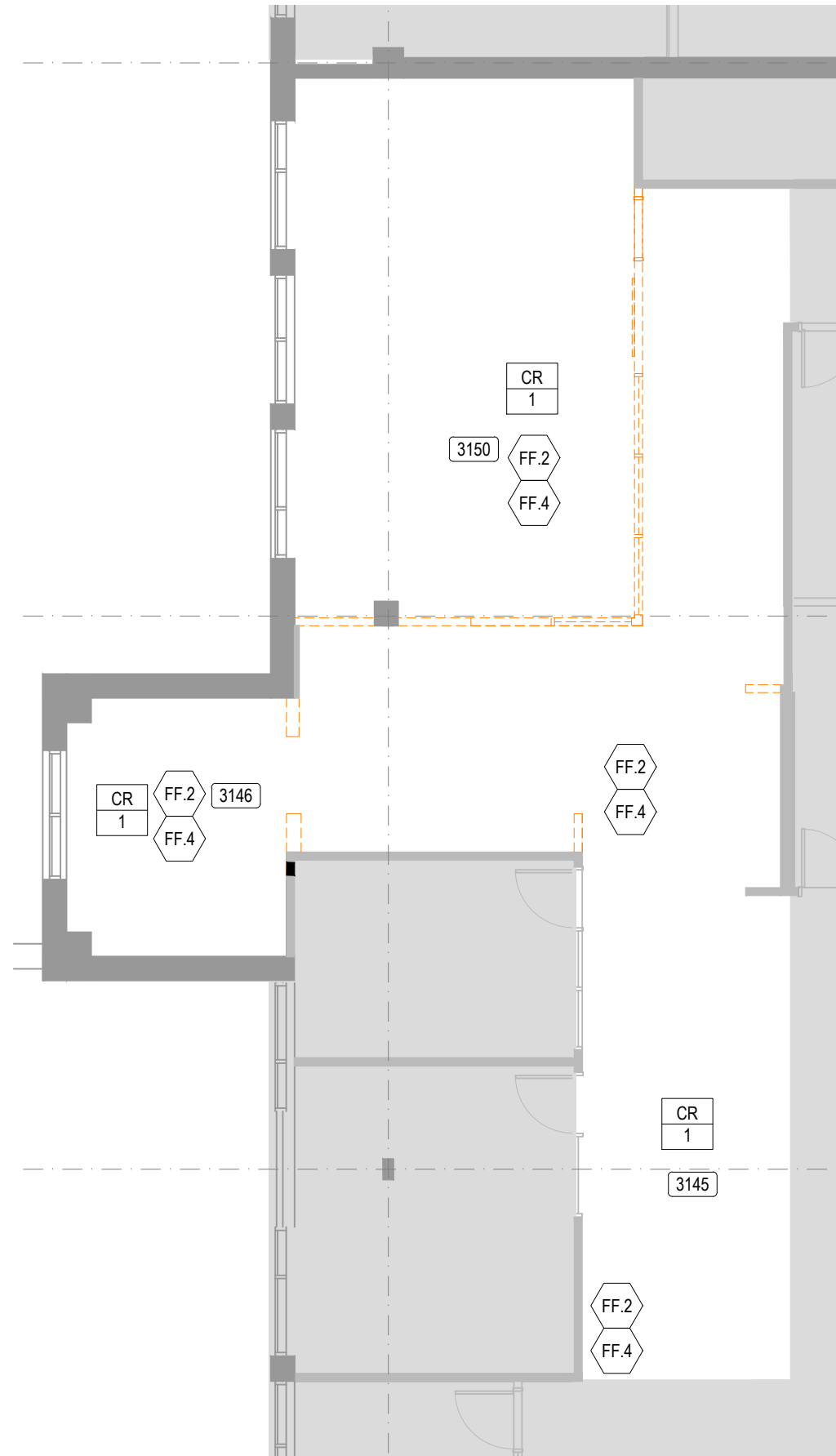
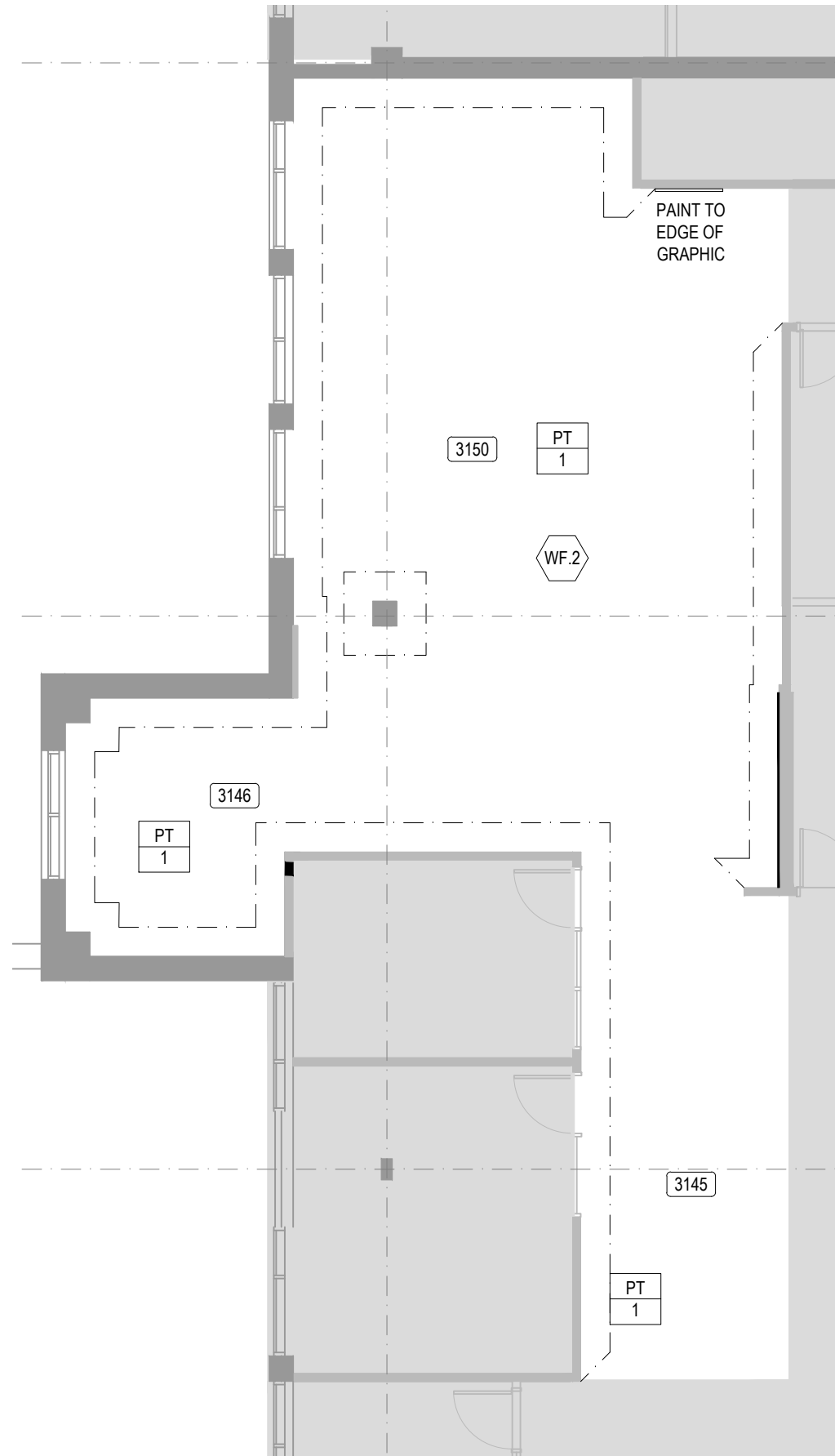
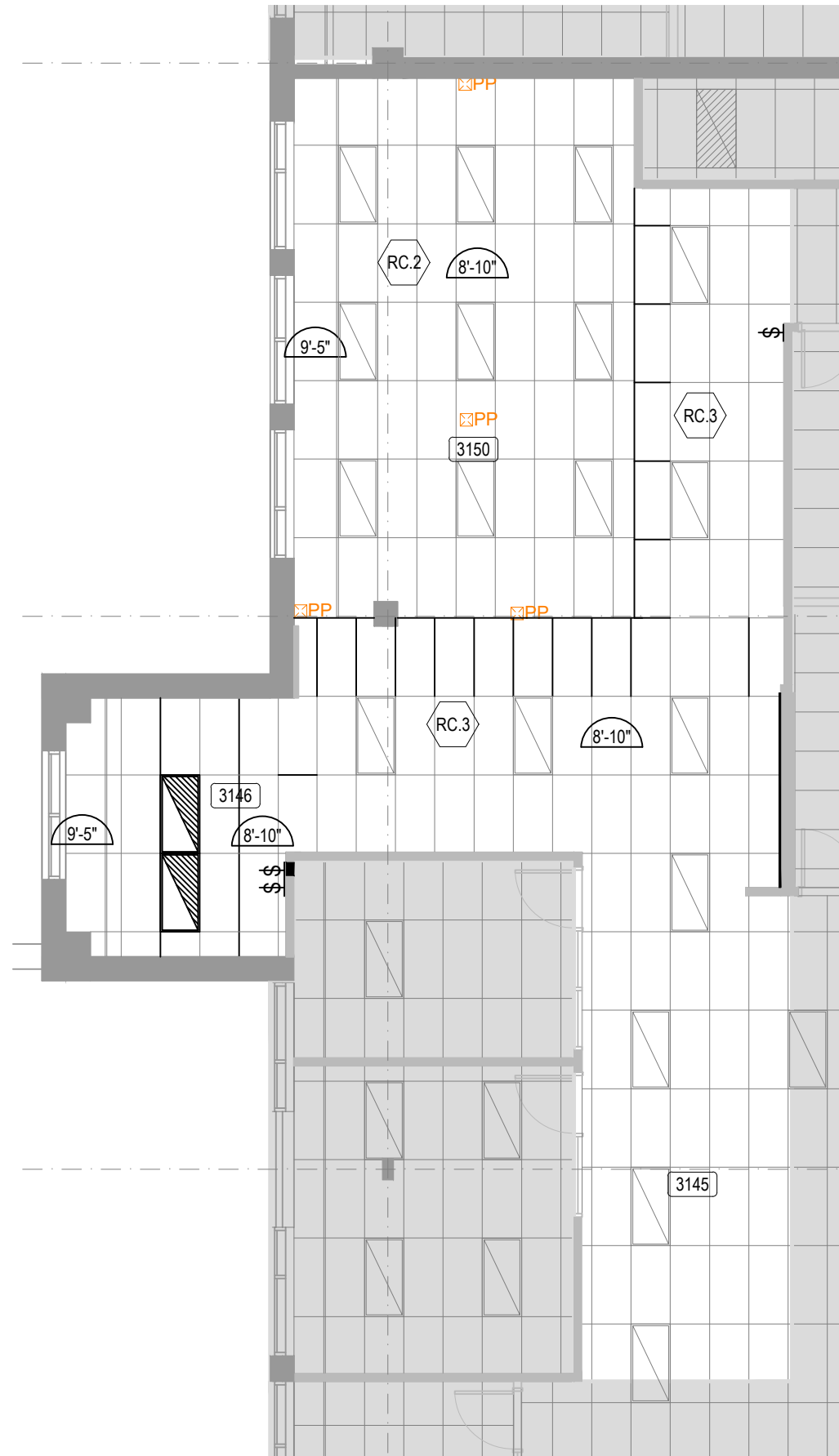
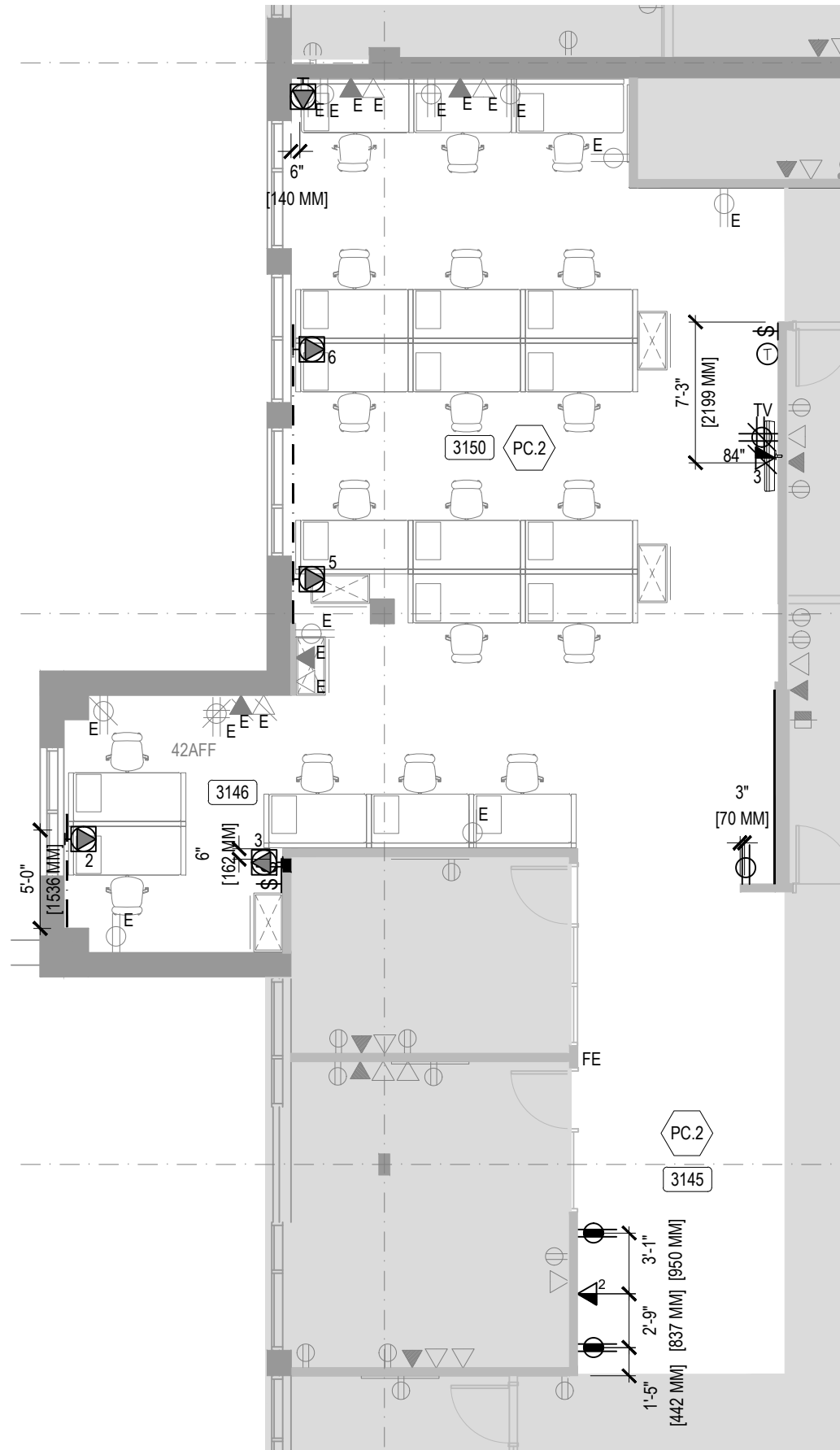
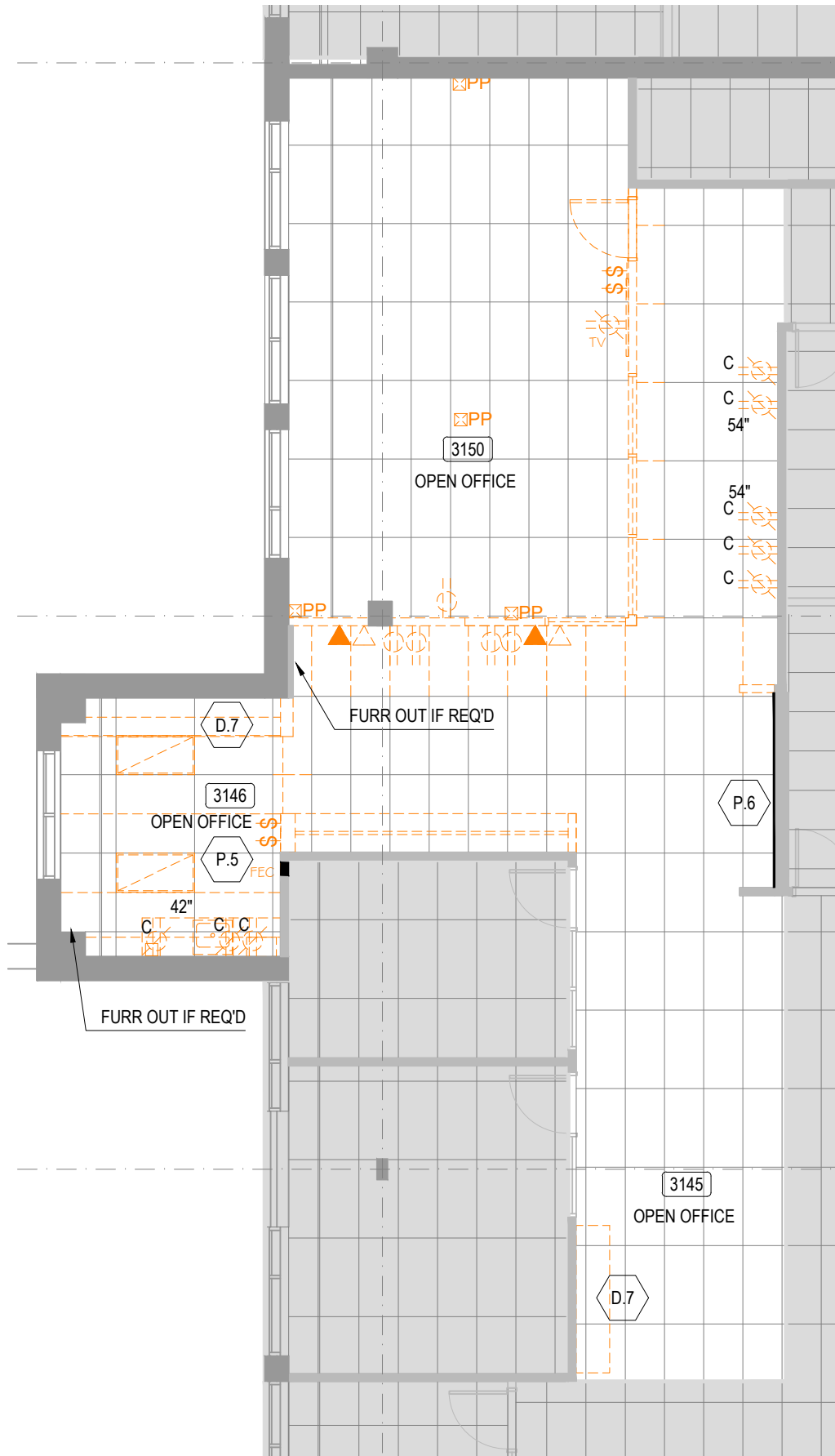
	REFER TO ID4 FOR FINISHES INFORMATION INSIDE SHOWER ROOMS (BASEMENT NOTE)
	CONTRACTOR TO BE ADVISED ALL EXISTING WALLS ARE CONCRETE BLOCK WALLS. PREP WALLS TO RECEIVE NEW FINISH. (BASEMENT & 3RD FLOOR NOTE)
	PAINT CONCRETE BLOCK WALL ON PUBLIC CORRIDOR SIDE TO MATCH EXISTING (BASEMENT NOTE)


















**5**  
**ID2** FLOOR FINISHES PLAN - 2nd FLOOR  
SCALE: 1/8" = 1'-0"

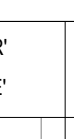












FLOOR FINISHES PLAN LEGEND	
	FLOOR TILE 1: MANUFACTURER: UNICOM STARKER PATTERN: ICON COMPACT 12"x12" COLOUR: GUN POWDER GROUT: LATITORE 18 STERLING SILVER BASE: 4" TILE BASE CW SCHULTER TOP CAP CONTROL JOINT: SCHULTER CLEAR BWS. 100% GROUT
	FLOOR TILE 2: MANUFACTURER: UNICOM STARKER PATTERN: ICON COMPACT 12"x12" COLOUR: 81 BLACK GROUT: LATITORE 46 RAVEN BASE: 4" TILE BASE CW SCHULTER TOP CAP CONTROL JOINT: SCHULTER CLEAR BWS. 100% GROUT
	FLOOR TILE 3: MANUFACTURER: OLIVARIA TILE PATTERN: QUEBEC UNGLAZED 2"x2" COLOUR: GRAYWELL GROUT: LATITORE 46 RAVEN
	ANTI-STATIC FLOORING: ESD CONTROL SOLID VINYL 1/8" GAUGE. TO BE GROUNDING DO NOT WALK. MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	EXISTING CARPET TO REMAIN MANUFACTURER: INTERFAC PATTERN: CHELSEA WARP 1/4 1625 STYLE: 2020508208 TOP COLOUR: MOST/GAL 81746 BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.1: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.2: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.3: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.4: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.5: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.6: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.7: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.8: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.9: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.10: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.11: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.12: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.13: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.14: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.15: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.16: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.17: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.18: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.19: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.20: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.21: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.22: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.23: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.24: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.25: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.26: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.27: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.28: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.29: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.30: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.31: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.32: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.33: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.34: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.35: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR: #1081 B/154 GARDING EAGLE (BLUE) TO MATCH EXISTING (DARK BLUE) BASE: 4" VINYL BASE SPEC. CONFORMANCE #1 PARTITION CO.
	TRANSITION STRIP TR.36: MANUFACTURER: FLEXICO - STATIC DISSIPATIVE CONDUCTIVE PATTERN: ESD CONTROL. STATIC DISSIPATIVE (SSS) COLOUR:





	<b>DEMOLITION / PARTITION PLAN - 3rd Floor</b> SCALE: 1/8" = 1'-0"
	<b>DEMOLITION / CONSTRUCTION PLAN LEGEND</b>
	EXISTING PARTITIONS AND COLUMNS TO REMAIN (PREPARE TO RECEIVE NEW FINISH AS INDICATED WALL FINISHES PLAN)
	EXISTING PARTITIONS TO BE DEMOLISHED
	EXISTING FOLDING PARTITION AND SUPPORTS TO BE REMOVED
	DOOR TO BE REMOVED
	EXISTING WIRE MOLD TO BE REMOVED. REFER TO ENGINEERS DWGS
	DATA / TELE OUTLET TO BE REMOVED
	ELECTRICAL OUTLET TO BE REMOVED
	EXISTING PACK POLE TO BE REMOVED OR RELOCATED
	EXISTING RECESSED PRT LIGHT TO BE REMOVED AND DISPOSED OF
	EXISTING BASE BUILDING STANDARD 2x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED AND HAND BACK TO CLIENT
	LIGHTING CONTROLS TO BE REMOVED
	EXISTING BUILDING STANDARD (2x4) T-BAR CEILING GRID TO BE RECYCLED WITH VINYL RECYCLING
	DENOTES ROOM NUMBER
	DOOR NUMBER (REFER TO DOOR SCHEDULE FOR DETAILS)
<b>ONLY THE FOLLOWING PARTITION TYPES ARE USED IN THIS PROJECT</b>	

<div> <div> 1 ID3 </div> <div> POWER &amp; COMMUNICATIONS PLAN - 3rd FLOOR  SCALE: 1"= 4'-0" </div> </div>	
<h2>POWER &amp; COMMUNICATIONS LEGEND</h2>	
	DENOTES EXISTING TO BE REMOVED AND DISPOSED OF (OR RELOCATED)
	DENOTES EXISTING TO REMAIN
	DENOTES EXISTING TO BE CAPPED
	DENOTES STANDARD DUPLEX ELECTRICAL RECEPTACLE WALL MOUNTED @ 12" ABOVE FINISHED FLOOR
	DENOTES DUPLEX ELECTRICAL WALL MOUNTED @ SPECIFIED NON-STANDARD HEIGHT
	DENOTES STANDARD SINGLE ELECTRICAL RECEPTACLE WALL MOUNTED @ 12" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE
	DENOTES SEPARATE CIRCUIT ELECTRICAL RECEPTACLE WALL MOUNTED @ 12" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE
	DENOTES VOICEMAIL OUTLET @ 12" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE. STANDARD VOICEMAIL & DATA UNLESS NOTED OTHERWISE, THUS NO DATA
	SINGLE SWITCH TO BE MOUNTED TO MATCH EXISTING HEIGHT, UNLESS NOTED OTHERWISE. 'N' DENOTES MASTER, 'D' DENOTES 3WAY, 'N' DENOTES MOTORIZED, 'S' DENOTES NO DENOTES MOTORIZED BLINDS
	<p>           PAC RACE            LOCATED ON 1" OF CABLE INCOMING FEED FOR POWER AND COMMUNICATIONS            NUMBER OF KNOCKOUTS FOR ELECTRICAL, EMT AND/OR CORDS 1/2" FINISH WHITE            REFER TO ELECTRICAL DRAWINGS FOR SPECIFICATIONS         </p>
	<p>           LOCATIONS OF WALL MOUNTED INCOMING FEED TO SYSTEMS INCLUDING RECEPTION            ELECTRICS AND COMMUNICATIONS TO BE INSTALLED AT EDGE UNLESS            NOTED OTHERWISE. STANDARD INCOMING FEED TO SYSTEMS FURNITURE (CIRCUIT 3            NEUTRALS / GROUNDING / ISOLATED GROUND - CONFORM IN SYSTEMS FURNITURE DEALER)            SPLIT 1 CIRCUIT PER 1 STATION FOR COMPUTERS ONLY. STANDARD 2 CIRCULI MAXIMUM            NOTED OTHERWISE. THIS IS A REFERENCE TO ENGINEER DRAWINGS FOR CIRCUIT BREAK            ORDER FOR SUFFICIENT CABLE TO TERMINATE TO TARGET STATION         </p>
	<p>           ADDITIONAL REFERENCE TO ELECTRICAL DRAWINGS FOR SPECIFICATION            TO BE BLACK COLORED, INSTALLED ON THE WALL, TIGHT TO FLOOR,            ON TOP OF WALL BASE         </p>
	<p>           NEW INSTALLED TO DESK OR OPERATORS TO BE SUPPLIED AND INSTALLED BY THIS            CONTRACTOR. REFER TO DRAWING DRAWINGS FOR CONDUIT / CORDATION. REFER TO            DESK SCHEDULE (SEE NOTE A) REFER TO G.B.3.3.3.3 (17)         </p>
<h2>SECURITY LEGEND</h2>	
	DENOTES ELECTRIC STRIKE
	DENOTES CARD READER

	<h1 style="text-align: center;">REFLECTED CEILING PLAN - 3rd FLOOR</h1> <p style="text-align: center;">SCALE: 1/8" = 1'-0"</p>
<h2>REFLECTED CEILING PLAN LEGEND</h2>	
	<p>CEILING TO BE REMOVED AND DISPOSED OF OR RELOCATED</p>
	<p>EXISTING BUILT CEILING</p>
	<p>NEW DRYWALL BULKHEAD CEILING</p>
	<p>EXISTING BASIC BUILDING STANDARD 2x4 FLUORESCENT LIGHT FIXTURE TO REMAIN</p>
	<p>NEW RELOCATED BASIC BUILDING STANDARD 2x4 FLUORESCENT LIGHT FIXTURE TO MATCH EXISTING [RFD FLOOR]</p>
	<p>NEW 2x4 LED LIGHT FIXTURE FOR ENGINEERING DWGS FOR SPECIFICATIONS</p>
	<p>NEW RECESSED POT LIGHT</p>
	<p>NEW STANDARD DUPLEX ELECTRICAL RECEPTACLE AND STANDARD DATA AND HDMI TO BE MOUNTED ABOVE FINISHED CEILING</p>
	<p>PROVIDE 1" CONDUIT FROM CEILING TO CEILING FEE TO WALL, OUTLET NEAR TO ELECTRICAL ONLY</p>
	<p>SINGLE SWITCH TO BE WALL MOUNTED TO MATCH EXISTING CEILING, UNLESS NOTED OTHERWISE, IF EXISTENCE MASTER, 2" SWITCHES 3-WAY, NEW EXISTENCE MOUNTED, SCREEN, NEW EXISTENCE MOUNTED BY SECURITY</p>
	<p>SECURITY CAMERA SECURITY BY SECURITY VENDOR, CEILING AND WALL MOUNTED, PROVIDE 1" DATA [RFD] TO BE CALLED IN CEILING FOR SECURITY VENDOR [BASEMENT]</p>
	<p>CEILING ACCESS HATCH</p>
<h2>REFLECTED CEILING - NOTES</h2>	
1.	<p>THIS DRAWING MUST BE REVIEWED IN CONJUNCTION WITH ALL OTHER DRAWINGS OF ALL CONDITIONS INCLUDING BUT NOT LIMITED TO MECHANICAL AND ELECTRICAL DRAWINGS DRAWINGS AND SPECIFICATIONS. EXTRAS FOR MISSED WORK THAT WAS COVERED ON ANY OF THE DRAWINGS EVEN IF NOT COVERED IN ALL OF THE DRAWINGS WILL NOT BE CONSIDERED.</p>
2.	<p>THIS DRAWING SHALL TAKE PRECEDENCE FOR LOCATION, ENGINEERING DRAWINGS TO TAKE PRECEDENCE FOR QUALITY AND LIFE SAFETY CONSIDERATIONS.</p>
3.	<p>REMOVING AND RE-INSTALLING CEILING TILES AS MAY BE REQUIRED TO ALLOW ACCESS FOR ALL TRADES INCLUDING FOR CUTTING OF CEILING TILES.</p>
4.	<p>REPLACE ANY DAMAGED OR SOILED CEILING TILES INCLUDING TILES DAMAGED DUE TO PREVIOUS</p>

# WALL FINISHES PLAN - 3rd FLOOR

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

## WALL FINISHES PLAN LEGEND

PART 1 MANUFACTURER: PARA PANTS (SUPPLIER SPECTRUM PAINTS)

COLOR: R-9016200 BRIGHT CANDY (WHITE)

FINISH: EGGSHELL

APPLICATION: GENERAL

\* SEE INSET FOR WALL FINISHES

\* WALL FINISHES ARE PAINTED \*1 UNLESS OTHERWISE NOTED

ON PLAN

PART 2

MANUFACTURER: PARA PANTS

COLOR: #1188 14 SCORING BLUE (BLUE) TO MATCH EXISTING

FINISH: SEMI-GLOSS

APPLICATION: DOORS & CASES

PART 3

MANUFACTURER: PARA PANTS (SUPPLIER SPECTRUM PAINTS)

COLOR: R-9016200 BRIGHT CANDY (WHITE)

FINISH: SEMI-GLOSS

APPLICATION: DOORS

PART 4

MANUFACTURER: SHERWIN WILLIAMS

COLOR: #800R9Y GRAY 24+33

FINISH: SEMI-GLOSS

APPLICATION: FRAMES

PART 5

MANUFACTURER: BENJAMIN MOORE

COLOR: PC-303 OXFORD WHITE

FINISH: FLAT

APPLICATION: DRIVEL CEMENT

WALL TILE

MANUFACTURER: ROYAL MOSA

PATTERN: MURAL 5" BLENDS 12"x4"

COLOR: SWICK 1 TACK A TERRAZZO RINGS WITH MATTE AND GLOSS TILES 3/16" BRIGHT WHITE

START WITH MATTE ROYAL TOP FROM TYPICAL WALL BASE

STONE MAT 3/16" BRIGHT WHITE PLAIN GLOSS

GROUT: LATITONITE 44 BRIGHT WHITE

WALL TILE

MANUFACTURER: OLYMPIA TILE

PATTERN: CUBIC-GLAZED 22"x22"

COLOR: GRAPHITE

GROUT: LATITONITE 44 BRIGHT WHITE

## WALL FINISHES PLAN : NOTES

- THIS DRAWING MUST BE REVIEWED IN CONJUNCTION WITH ALL OTHER DRAWINGS OF ALL CONDITIONS INCLUDING BUT NOT LIMITED TO ARCHITECTURAL AND ELECTRICAL ENGINEERING DRAWINGS AND SPECIFICATIONS. EXTRAS FOR MISSED WORK THAT WAS COVERED ON ANY OF THE DRAWINGS EVEN IF NOT COVERED IN ALL OF THE DRAWINGS WILL NOT BE CONSIDERED.
- ALL FINISHES ARE TO BE HANDLED AND APPLIED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
- ALL WALLS AND PRIMER TO MEET LEED STANDARD. TOP COAT PAINTS TO MEET GREEN SEAL.

**FLOOR FINISHES PLAN - 1<sup>ST</sup> FLOOR**

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

### FLOOR FINISHES PLAN LEGEND

 <b>FLOOR TILE 1</b> MANUFACTURER: UNICOM STARKER PATTERN: ICON COMPACT "12"x4" COLOR: CROWN POWDER GROUT: LATICRETE 85 BLENDED SILVER BASE + 4" TILE BASE CG SQUILTER TOP CAP CAUTION: JOINT - SQUILTER DUEL-BOND, 100% GREY	 <b>FLOOR TILE 2</b> MANUFACTURER: UNICOM STARKER PATTERN: ICON COMPACT "12"x4" COLOR: RIT BLACK GROUT: LATICRETE 85 BROWN BASE + 4" TILE BASE CG SQUILTER TOP CAP CAUTION: JOINT - SQUILTER DUEL-BOND, 100% GREY	 <b>FLOOR TILE 3</b> MANUFACTURER: OLYMPIA TILE PATTERN: GEMBU UNGLAZED "2"x2" COLOR: GRAPHITE GROUT: LATICRETE 45 VARN	 <b>ANTISTATIC FLOORING</b> SUBSTRATE: SOLID VINYL W/P CAUSE TO BE GROUNDED DO NOT MIX POLYMER: EPOXY- STICK DISPENSATIVE CONDUCTIVE PATTERN: ISO CATINIA, SCISSOR DISPENSATIVE (BIS) COLOR: # 9 WHITE BLUE CONTACT: CENTARA SANDRA FIELD 416-755-9165 sfeld@centara.ca BASE : 4" VINYL BASE, SPEC. JONGKOWHITE 21 PATNUM GG
<p><b>EXISTING CARPET TO REMAIN</b> PATTERN: CHEMILE PIANO 1' x 1/2" TYPE: 2070ND2000 TOP COLOR: MUSTA DARK AT16 BASE : 4" VINYL BASE, TO MATCH EXISTING (DARK BLUE)</p>			
<p><b>TRANSITION STRIP T&amp;T</b> APPLICATION: TILE TO TCT / TCT TO LVT MANUFACTURER: SQUILTER SYSTEMS SPECIFICATION: SCHENE-RUCU FINISH: SATIN ANODIZED ALUMINUM</p>			

DENOTES DIRECTION OF FLOORING

### FLOOR FINISHES PLAN : NOTES

6

FURNITURE PLAN - 3rd FLOOR

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

FURNITURE PLAN LEGEND

DENOTES LOOKER

DENOTES TABLES

DENOTES BENCH

DENOTES BENCHING DESK AND CHAIR

DENOTES WORKSTATION DESK AND CHAIR

DENOTES CABINET

DENOTES FRIDGE

DENOTES COPIER

FURNITURE PLAN : NOTES

1. ALL DELIVERIES/INSTALLATION OF FURNITURE TO COMPLY WITH BASE BUILDING REGULATIONS, INCLUDING DISPOSAL OF WASTE
2. FURNITURE SUPPLIER TO COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS AND REPORT ANY SPECIAL CONDITIONS TO DESIGN CONSULTANT
3. FURNITURE INSTALLER TO BE RESPONSIBLE FOR VERIFYING CRITICAL DIMENSIONS ON SITE
4. ALL SYSTEMS FURNITURE MAIN/FAN SPINES TO BE CHAUKED/TAPE BY FURNITURE INSTALLER TO BE REVIEWED ON SITE BY DESIGN CONSULTANT
5. NO SUBSTITUTIONS OF PRODUCT WILL BE ACCEPTED WITHOUT PRIOR APPROVAL FROM DESIGN CONSULTANT

# DEMOLITION / CONSTRUCTION PLAN : NOTES

THIS DRAWING MUST BE REVIEWED IN CONJUNCTION WITH ALL OTHER DRAWINGS OF ALL CONSULTANTS INCLUDING THE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SPECIFICATIONS. EXTRA FLOOR FRAMES THAT WAS COVERED ON ANY OF THE DRAWINGS EVEN IF NOT COVERED IN ALL OF THE DRAWINGS WILL NOT BE CONSIDERED.

**DEMOLITION NOTES:**

1. POWER, COMMUNICATIONS AND LIGHTING ENDS INDICATED FOR REMOVAL, ARE TO BE REMOVED PRIOR TO DEMOLITION.
2. REMOVE ALL WALL MOUNTED ITEMS INCLUDING WHITEBOARDS, CORN BOARDS, PICTURE HOOKS, NAILS, TWO SIZED TAPE.

**PARTITION NOTES:**

3. TOP TRACK OF PARTITIONS TO BE CLIPPED AND NOT SCREWED TO THE 1" BAR GRID. PROVIDE CONTINUOUS FLOOR TAPES AT TOP TRACK TO ENSURE PROPER SOUND ISOLATION. MUST ADHERE TO T-BAR GRID - FRICTION FIT AND 1" CLIPS ONLY.
4. DRYWALL IS TO BE INSTALLED WITH MINIMUM 1/2" SPACE AT FLOOR SLAB.
5. LOCATE ALL DOOR JAMBES 4" FROM CORNER WALL, UNLESS NOTED OTHERWISE.

CONTRACTOR TO MAKE GOOD ALL FLOORS, BASES, WALLS, COLUMNS AND CEILING SCHEDULE TO ACCEPT NEW FINISHES OR MATERIALS

EXISTING PARTITIONS, DRYWALL, BLANKETS, CONCRETES, COLUMNS, DOORS AND FRAMES, TO BE SANDED, PATCHED AND REPAIRED PRIOR TO APPLICATION OF NEW FINISHES.

HANGING SCREEN SHALL BE ERECTED WITH MINIMAL NOISE, DUST AND INCONVENIENCE TO ADJACENT FLOOR PLANS.

HANGING SCREEN SHALL BE REPAIRED AND ANY ALL DAMAGED OR BLEMISHED ALLOWING WORK SHALL BE MADE GOOD.

# DEMOLITION / PARTITION KEY NOTES

D2	RESERVED
D3	RESERVED
D6	RESERVED
D7	RESERVED
P1	RESERVED
P2	RESERVED
P3	RESERVED
P4	RESERVED


**SEPARATE SHEET: SUPPLY AND INSTALL 2 SECTION OF NEW CLEVERESTY GLAZING AND INCLUCED METAL FRAMES**

SIZE: 60X70 (INCH) TEMPERED CLEAR GLASS BLOCK, BUTT JOINT AGAINST EXISTING 50 X 70 GLASS FRAME TO ALIGN WITH TOP OF DOOR FRAME, 2ND FLOOR.

CONTRACTOR TO INFILL WALL WHERE FIRE EXTINGUISHER IS REMOVED, MAKE GOOD FOR NEW FINISH. FIRE EXTINGUISHER IS TO BE HANDLED BACK TO CLIENT. (2ND FLOOR)

CONTRACTOR TO LAMINATE DRYWALL TO EXISTING BLOCK WALL, MAKE GOOD FOR NEW FINISH (2ND FLOOR)

# AUDIO VISUAL LEGEND

 IDENTIFIES FLEX POWER MONITOR SUPPLIED AND INSTALLED BY OTHERS. MOUNTING HEIGHTS FOR SPEAKER & COMMUNICATIONS REQUIREMENTS AS NOTED ON PLAN

## POWER & COMMUNICATIONS : NOTES

1. THIS DRAWING MUST BE REVIEWED IN CONJUNCTION WITH ALL OTHER DRAWINGS OF ALL CONSULTANTS INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL, ENGINEERING DRAWINGS AND SPECIFICATIONS RELATIVE FOR MISSED WORK THAT WAS COVERED ON ANY OF THE DRAWINGS (EVEN IF NOT COVERED). THE DRAWINGS WILL NOT BE CONSIDERED PRECEDENT FOR SCHEDULING AND TIME SCHEDULES.

2. THIS DRAWING SHALL TAKE PRECEDENCE FOR LOCAL ENGINEERING DRAWINGS TO MAKE THIS PRESENT FOR OCCUPANCY AND LIFE SAFETY CONSIDERATIONS.

3. POWER, COMMUNICATIONS AND LIGHTING ELEMENTS INDICATED FOR REMOVAL ARE TO BE REMOVED PRIOR TO DEMOLITION. REMOVE NOTED IF DEMO PLAN EXISTS

4. INACTIVE DEVICES REMOVE ALL BLANK PLATE DEVICES W/ BOX, BOX/SHIELDING AND WIRING IN LOCATIONS ARE NOT TO BE REACTIVE. PATCH AND REPAIR RESULTANT DAMAGE AS REQUIRED TO MATCH EXISTING

5. ALL DIMENSIONS ARE TO THE CENTER OF THE RECEPTACLE, OR CENTER OF GANGED RECEPTACLES ADJACENT OUTLETS TO BE GANGED W/ COMMON COVER PLATE

6. ALL NEW POWER AND COMMUNICATIONS DEVICES AND FACE PLATES TO BE : MATCH EXISTING

7. ANTI-STATIC FLOORING TO BE DETAILS AND GROUNDING IN ROOMS: B101 & B102, REFER TO FLOOR FINISHING PLAN FOR DETAILS

**COMMUNICATIONS:**

1. ALL DATA AND TELEPHONE REQUIREMENTS SHALL BE COORDINATED THROUGH THE CLIENT CONTACT : CRYSTINE KELLY 442-27-0097

2. ELECTRICAL TRADE IS RESPONSIBLE FOR THE SUPPLY AND INSTALLATION OF ALL BOXES, CONDUITS AND PULL STRINGS FOR VOICE AND DATA.

3. CABLEING CONTRACTOR IS RESPONSIBLE FOR THE SUPPLY AND INSTALL OF CABLE, JACKS AND FACE PLATES.

4. CABLEING CONTRACTOR IS TO INCLUDE FOR THE TERMINATION OF ALL COMMUNICATIONS CABLEING AT BOTH ENDS COMPLET INCLUDING TESTING AND VERIFICATION.

5. CAT 6 PLenum RATED CABLEING, 2500PS PER HOUR FIRE RATING, UNLESS OTHERWISE NOTED.

6. PULL OF CABLE TO JACKETS AS SHOWN ON PLAN

7. ALL CABLES AND CABLES TO BE IDENTIFIED

8. CABLE TO BE JACKETS AT OUTLET, TERMINATED END AT PANEL AND CERTIFIED

9. ALL COMMUNICATIONS CABLE TO PUNCH INTO IT ROOM MOUNTED PANEL. REFER TO ENGINEERS DRAWINGS FOR EQUIPMENT SPECIFICATIONS.


6. ELECTRICAL CONTRACTOR TO ENSURE POWER IS LOCATED AS PER DESIGNERS DIMENSIONS.

**SECURITY**

1. ELECTRICAL TRADE IS TO INCLUDE ALL RIGID-IN, CLOUT, DEVICES BOXES AND LINE VOLTAGE WIRING AS REQUIRED FOR THE PROJECT.

2. SECURITY UNIFORMED IS TO SUPPLY AND INSTALL ALL SECURITY DEVICES COMPLETE OF LOW VOLTAGE WIRING AND REQUIRED INFORMATION ALL SECURITY DEVICES ARE LOCATED AND OPERABLE SYSTEM.

## KEY NOTES

 CONTRACTOR TO PUSH BOX FORWARD PLUS TO NEW SURFACE. (BASEMENT NOTE)

CONSTRUCTION WITH NEW TO MATCH EXISTING AT JOB COMPLETION.	
5.	EXISTING LIGHT FIXTURES TO BE CLEANED AND RE-LAMPED AS REQUIRED.
6.	LOCATION OF THERMOSTATS ARE TO BE REVIEWED BY DESIGNER PRIOR TO INSTALLATION.
7.	THE HVAC SYSTEM IS TO BE BALANCED UPON COMPLETION OF CONSTRUCTION.
8.	SWITCH HEIGHTS TO BE 36" TO CENTERLINE ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
9.	ALL NEW SWITCH PLATES TO MATCH EXISTING.
<b>KEY NOTES</b>	
RC-1	CONTRACTOR TO REMOVE EXISTING CEILING TILES IN B104 AND RE-LOCATE ANY CLEAN TILES FOR B101, B102, AND B103. REMOVE SOILED TILES FROM B101, B102, B103. (BASEMENT NOTE)
RC-2	CONTRACTOR TO REMOVE ALL DAMAGED CEILING TILES DUE TO POCK POLES
RC-3	CONTRACTOR TO REMOVE INTERMEDIATE T'S, PROVIDE NEW T BAR AND PUGH CEILINGS AFTER DEMO AND REWORK T BAR AS NOTED ON DWGS. (2ND AND 3RD FLOOR NOTE)
RC-4	CONTRACTOR TO CUT T BAR GRID TO ALLOW FOR NEW SLAB TO SLAB PARTITION, REWORK T BAR AS NOTED ON DWGS. (2ND FLOOR NOTE)

4.	CONTRACTOR TO SUPPLY AND PAINT DRAW DOWNING FOR DESIGNER APPROVAL. PRIOR TO APPLICATION.
5.	EXISTING PAINTWORK AND BASE BUILDING ELEMENTS INCLUDE TO PATCH SKIM AS NEEDED TO REPAIR NEW FINISH. PRIME ONE (1) COAT BASE PRIMER TO ALL SURFACE PRIOR TO INSTALLATION OF FINISHES.
6.	EXISTING PAINTWORK AND BASE BUILDING ELEMENTS PAINTED IN DARK COLOURS ARE TO RECEIVE AN UNDERCOAT TO PROVIDE A LIGHT COAT BASE PRIMER TO ALL SURFACE PRIOR TO INSTALLATION OF FINISHES.
7.	NEW SURFACES TO BE PAINTED WITH A LIGHT OR MEDIUM BASE TINT. PRIME ONE (1) COAT PRIMER AND TWO COATS OF COATS ACrylic LATEX FINISH. ALL OTHER COLOURS TO RECEIVE (2) COATS ADJUSTED LATEX FINISH.
8.	ALL EXISTING PATTERN GRACE DOORS TO BE PRIMED AND PAINTED PT2 (SEMI-GLOSS).
9.	ALL EXISTING HOLLOW METAL FRAMES TO BE PRIMED AND PAINTED PT2 (SEMI-GLOSS).
10.	NEW PATTERN GRACE DOORS TO BE PRIMED AND PAINTED PT2 (SEMI-GLOSS).
11.	NEW DOORS B50A, B101B (BASEMENT) AND D201, D202 (SECOND FLOOR) TO BE PAINTED PT2 (SEMI-GLOSS).
12.	NEW DOORS B50B, B101B AND B109 (BASEMENT) TO BE PRIMED AND PAINTED PT3 (SEMI-GLOSS).
13.	ALL NEW HOLLOW METAL FRAMES TO BE PRIMED AND PAINTED AS FOLLOW.
14.	DOORS B50A, B101B (BASEMENT) AND D201, D202 (SECOND FLOOR) TO BE PAINTED PT2 (SEMI-GLOSS).
15.	DOORS B50B, B101B, B109, B109 AND B109 (BASEMENT) TO BE PAINTED PT4 (SEMI-GLOSS).

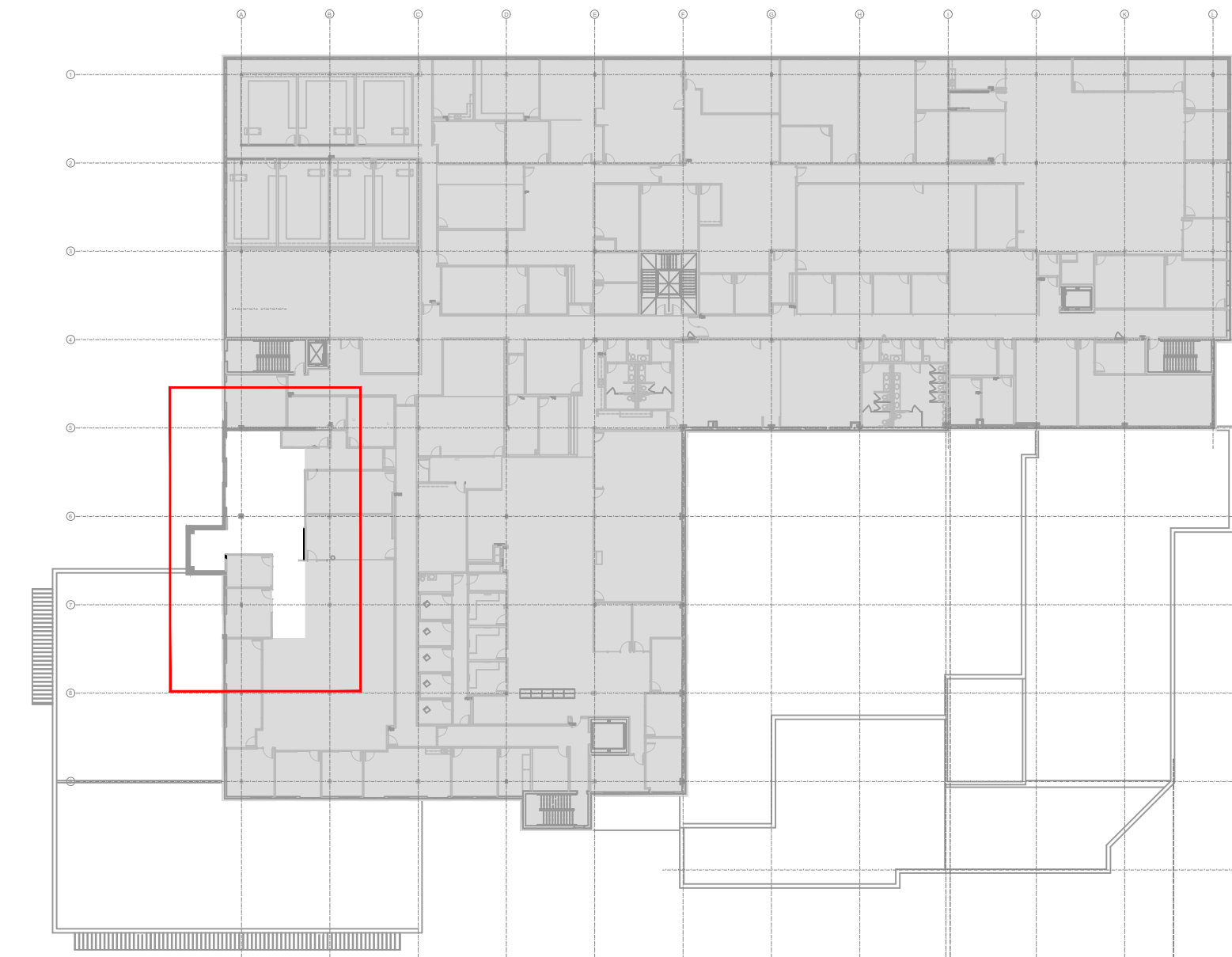
### KEY NOTES

WF-1	REFER TO ID4 FOR FINISHES EXISTING INSIDE SHOWER ROOMS (BASEMENT NOTE)
WF-2	CONTRACTOR TO BE ADVISED ALL EXISTING WALLS ARE CONCRETE BLOCK WALLS. PREP WALLS TO RECEIVE NEW FINISH (BASEMENT & 3RD FLOOR NOTE)
WF-3	PAINT CONCRETE BLOCK WALL ON PUBLIC CORRIDOR SIDE TO MATCH EXISTING (BASEMENT NOTE)

	THIS DRAWING WAS NOT RE-VIEWED IN CONNECTION WITH ALL OTHER DRAWINGS OF ALL CONSULTANTS INCLUDING BUT NOT LIMITED TO MECHANICAL AND ELECTRICAL ENGINEERING DRAWINGS AND SPECIFICATIONS. EXTRAS FOR ISSUED WORK THAT WAS COVERED ON ANY OF THE DRAWINGS BUT NOT COVERED IN ALL OF THE DRAWINGS WILL NOT BE CONSIDERED.
	ALL FINISHES ARE TO BE HANDLED AND APPLIED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
3.	ALL FLOORING TO BE CLEANED, SEALED AND PROPERLY FINISHED ACCORDING TO MANUFACTURERS SPECIFICATIONS PRIOR TO CLIENT MOVE-IN.
	ADHESIVES, SEALANT AND SEALANT PRIMERS: SOUTHWEST AIR QUALITY MANAGEMENT DISTRICT (SQAQM) RULE 4.118 REQUIREMENTS IN EFFECT JANUARY 1, 2000 AND ALL APPLICABLE DATED OCTOBER 3, 2003.
	ADHESIVE, ADHESIVES, GREEN SEAL STANDARD GS-8 REQUIREMENTS IN EFFECT OCTOBER 19, 2000. CONTRACTOR MUST SUBMIT PRODUCT DATA SHEETS VERIFYING ADHERENCE TO THESE STANDARDS FOR SUPERVISOR SIGN OFF.
	SUB-FLOOR TO BE FREE OF ALL DEBRIS AND GULF PRIOR TO NEW FLOORING INSTALLATION.
6.	TRANSITIONS FROM ONE FLOORING MATERIAL TO THE NEXT TO BE MADE LEVEL. FEATHER FLOOR WITH APPROPRIATE FLOOR LEVELERS AS REQUIRED TO MAKE ADJACENT FLOORING MATERIALS FLUSH.
<h2 style="text-align: center;">KEY NOTES</h2>	
PE-1	CONTRACTOR TO PROVIDE GROUNDING TO NEW ANTI STATIC FLOOR. REFER TO MANUFACTURERS INSTALLATION METHOD. (BASEMENT NOTE)
PE-2	WHERE DEMOLITION OCCURS, CONTRACTOR TO REMOVE WALL BASE AND REPLACE WITH ONE CORNER BASE. 4" PIECE INSTALLATION AT WALL CORN IS <u>NOT</u> ACCEPTABLE.
PE-3	NEW PARTITIONS TO BE INSTALLED ON SLAB (2ND FLOOR NOTE)
PE-4	EXISTING FLOORING TO BE PATCHED WHERE DEMOLITION OCCURS. CONTRACTOR TO FLUSH EXISTING CARPET TILES AND RELAY AS PER NEW VCT/FLUOROCURE WITH DEMOLITION PLAN. CLIENT HAS SURPLUS OF CARPET TILE IN STORAGE (2ND & 3RD FLOOR NOTES)
PE-5	EXISTING VCT FLOORING TO BE PATCHED WHERE DEMOLITION FOR TRENCHING OCCURS (BASEMENT NOTE)

[illegible]

PC-2	CONTRACTOR TO INCLUDE CASH ALLOWANCE FOR COMMUNICATION (DATAVOICE) AND SECURITY. ELECTRIC STRIKE ON NON-CARD ACCESS DOORS TO BE SUPPLIED AND INSTALLED BY GC (OVER AND ABOVE CASH ALLOWANCE FOR SECURITY)
PC-3	RESERVED
PC-4	SUPPLY AND INSTALL AUTOMATIC FAUCET (HARDWIRED, ON GENERATOR). REFER TO ELECTRICAL DRAWINGS FOR FURTHER INFORMATION (BASEMENT NOTE)
PC-5	RELOCATED ELECTRICAL PANEL (BASEMENT NOTE)



DO NOT SCALE THIS DRAWING.

CONTRACTOR TO VERIFY ALL MEASUREMENTS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNER PRIOR TO PROCEEDING.

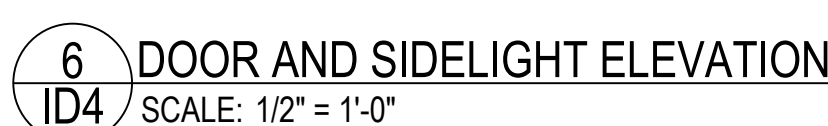
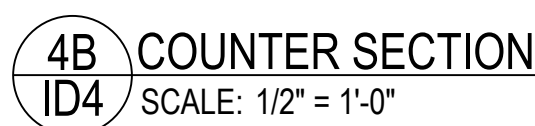
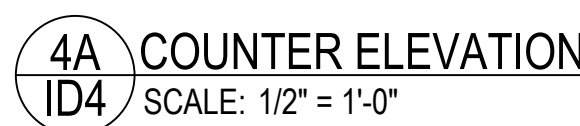
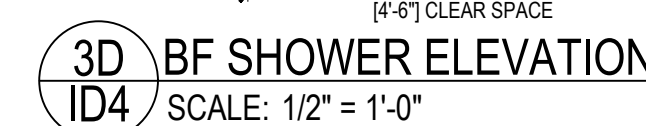
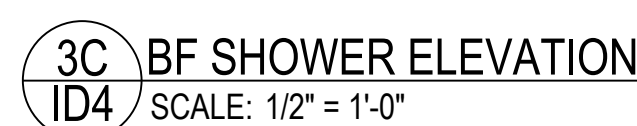
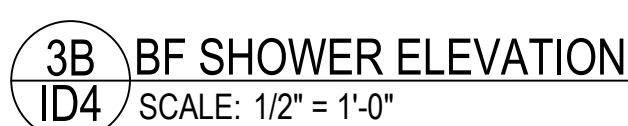
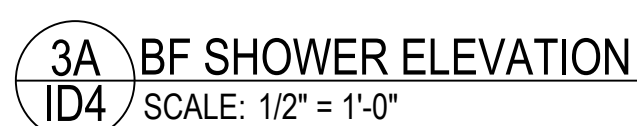
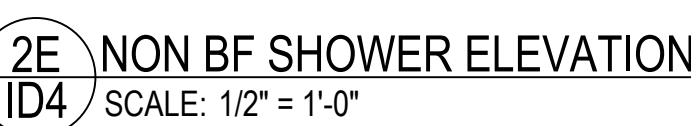
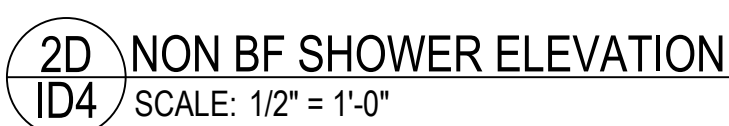
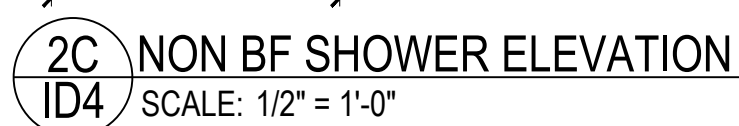
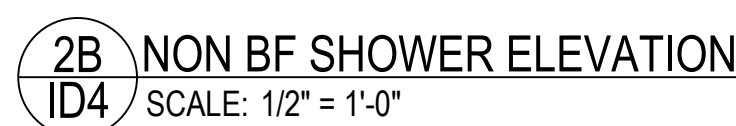
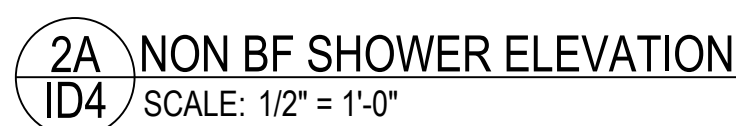
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DESIGN. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERCEDED

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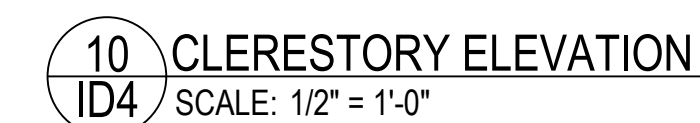
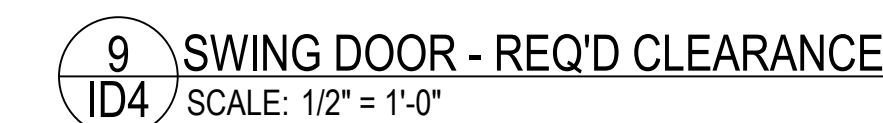
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1	issued to Tanco for coord	09Feb2024	dly
2	client review	10May2024	fh
3	client review	22May2024	fh
4	PRP review	13Jun2024	dly
5	PRP review	14Jun2024	dly
6	tender	18Jun2024	dly

[illegible][illegible]






8 DOOR SCHEDULE  
ID4 SCALE: N.T.S.



	FAUCET (SENSOR OPERATED) REFER TO ENGINEER'S DRAWINGS FOR SPECIFICATIONS. NOTE: WATER SUPPLY TEMPERATURE TO BE LIMITED TO A MAXIMUM OF 45°C
FCT	
LAV	LAVATORY (BARBER/FREE) WASTEWATER: AMERICAN STANDARD MODEL: MARBOW WITH VITREOUS CHAIN SHROUD COLOR: WHITE REFER TO ENGINEER'S DRAWINGS FOR SPECIFICATIONS
LAV	
LAV 2	LAVATORY 2 WASTEWATER: AMERICAN STANDARD MODEL: LUCERNE COLOR: WHITE REFER TO ENGINEER'S DRAWINGS FOR SPECIFICATIONS
SHW	SHOWERHEAD (1 NON-BARRIER FREE SHOWER) REFER TO ENGINEER'S DRAWINGS FOR SPECIFICATIONS
WC	WATER CLOSET REFER TO ENGINEER'S DRAWINGS FOR SPECIFICATIONS
WC 2	WATER CLOSET - BARBER FREE HEIGHT REFER TO ENGINEER'S DRAWINGS FOR SPECIFICATIONS
WC 3	WATER CLOSET SEAT LID WATER CLOSET TO BE EQUIPPED WITH A BACK SUPPORT WHERE THERE IS NO SEAT LID OR TANK (SEE 3.8.3.1) (B) REFER TO ENGINEER'S DRAWINGS FOR SPECIFICATIONS
WC 3	
<h2>WASHROOM GENERAL NOTES</h2>	
1. REFER TO PARTITION PLAN FOR CONSTRUCTION GENERAL NOTES AND LEGEND.	
2. CONTRACTOR TO SITE VERIFY ALL DIMENSIONS.	
3. CONTRACTOR TO PROVIDE ADEQUATE BLOCKING IN PARTITION AS REQUIRED FOR LOAD.	
4. REFER TO ACCESSORIES/MANUFACTURERS INSTRUCTIONS FOR MOUNTING HEIGHTS AND INSTALLATION DETAILS, UNLESS NOTED OTHERWISE.	
5. ALL BARBER FREE WASHROOM DESIGN SHALL CONFORM TO THE O.C.B. BARBER FREE REQUIREMENTS OF THE PER SECTIONS 3.10.1.1 BUILDING CODE - BARBER FREE DESIGN.	
ANY DISPENSING OR HAND OPERATED WASHROOM ACCESSORIES SHALL BE MOUNTED SO THAT THE DISPENSING HEIGHT IS BETWEEN 21" (530 mm) and 31" (787 mm) A.S.F.	
7. REFER TO ENGINEER'S DRAWINGS FOR LOCATION AND SPECIFICATIONS FOR LIGHTING CONTROLLED BY A MOTION SENSOR.	
8. REFER TO ENDS DINGS FOR LOCATION AND SPECIFICATIONS FOR LIGHTING AND FIRE ALARM SIGNALS.	
9. ALL VISIBLE EXPOSED PLUMBING PIPES TO BE FINISHED 1".	
10. LAVATORY WATER SUPPLY TEMPERATURE TO BE LIMITED TO A MAXIMUM OF 47° CELSIUS. REFER TO ENGINEER'S DRAWINGS FOR SPECIFICATIONS.	
<h2>BARBER-FREE KEY NOTES</h2>	
BF 1	RESERVED
BF 2	0-1' (305 mm) x 3' 2" (965 mm) CLEAR FLOOR SPACE TO ALLOW FOR A FORWARD APPROACH OF AN INDIVIDUAL OF 20' (6096 mm) PERMITTED UNDER LAVATORY
BF 3	4-1' (150 mm) x 2' 4" (610 mm) CLEAR TRANSFER SPACE BESIDES TOILET.
BF 4	RESERVED
BF 5	0-1' (150 mm) CLEAR TURNING SPACE WITH BARBER-FREE SHOWER/WASHROOM (SEE 3.8.3.1.1) (B)
BF 6	0-1' (150 mm) CLEAR TURNING SPACE IN FRONT OF BARBER-FREE SHOWER/WASHROOM (SEE 3.8.3.1.1) (B)
BF 7	0-1' (150 mm) CLEAR WASHROOM SHALL BE EQUIPPED WITH A DOOR THAT: 1. IS COMPOSED OF BENGLATCHES FROM THE INSIDE WITH A MECHANISM CONFORMING TO CODE 3.8.1.1.5 (1) (B). LATCH SHALL HAVE CAPABILITY TO BE RELEASED FROM EITHER CASE OF AN EMERGENCY. 2. IS AN OPEN POSITION TO PERMIT OPENING OF 2'-0" (609 mm) WIDE MIN. 3. IS SELF-CLOSING, UNLESS CLEAR FLOOR SPACE OF 2'-0" (609 mm) x 4'-0" (1460 mm) WITHIN THE OPENING SHALL TO PERMIT DOOR TO BE CLOSED WITHOUT INTERFERRING WITH THE DOOR. 4. IS SELF-CLOSING. 5. IS PROVIDED WITH A HORIZONTAL, O-SHAPED, VISUALLY CONTRASTING DOOR PULL ON BOTH SIDES OF THE DOOR, MOUNTED ON VERTICAL CENTRE LINE OF DOOR. 6. IS A HEIGHT NOT LESS THAN 2'-7" (1270 mm) AND NOT MORE THAN 3'-0" (1000 mm) A.S.F.
BF 8	0-1' (150 mm) CLEAR TRANSFER SPACE REQUIRED BESIDES TOILET
BF 9	LOCATION OF LIVING ACCESSIBLE PLUSH BUTTON MECHANISM, IF THE DOOR IS EQUIPPED WITH A SELF-CLOSING DEVICE, IF 150 mm (6") FROM THE CONTROL IS CIRCULAR IN SHAPE, THE CONTROL IS RECTANGULAR. REFER TO HARDWARE SCHEDULE AND ENGINEER'S DRAWING FOR SPECIFICATIONS. REFER TO ENGINEER'S DRAWING FOR MOUNTING HEIGHT.
BF 9	LOCATION OF PUSH TO LOCK BUTTON. REFER TO HARDWARE SCHEDULE AND ENDS DRAWING FOR SPECIFICATIONS. REFER TO GENERAL NOTES FOR MOUNTING HEIGHT.
BF 10	MINIMUM 3' (914 mm) X WIDTH OF SHOWER CLEAR FLOOR SPACE AT ENTRANCE TO THE SHOWER
<h2>WASHROOM KEY NOTES</h2>	
WR 1	SHOWER WATERPROOFING TO MEET TYPICAL 3198R-2016-2017
WR 2	Length of 13mm (1/2") HEEVE TRIMMED HORIZONTAL. FLOOR WITH SHOWER ENCLOSURE TO SLOPE TOWARDS THE SHOWER DRAIN.
WR 3	REFER TO WALL FINISHES PLAN FOR DOORS AND FRAMES PART FINISH SPECIFICATIONS
WR 4	CONTRACTOR TO TURN OUT TIGHT TO EXISTING CONDUIT

drawing north 	drawn by dly/fth	reviewed pv
	date June 07, 2023	
	scale as noted	
	project no. 23-3461	
	sheet no.	rev.
ID4		0

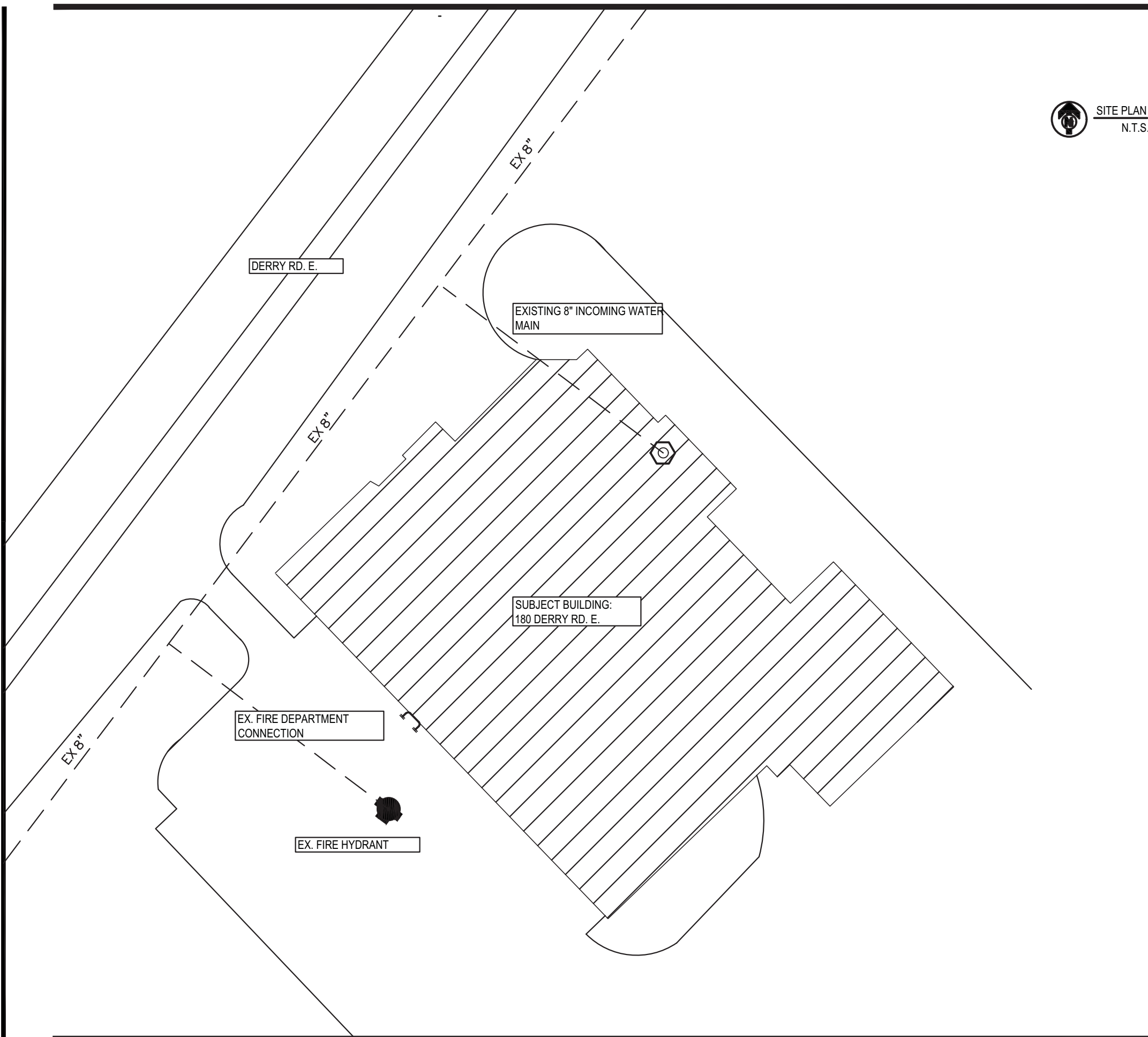


## SPECIFICATIONS

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- 1.2. BEFORE SUBMITTING TENDER FOR THIS WORK, EXAMINE THE SITE, LOCAL SERVICES AND LOCAL CONDITIONS, MECHANICAL DRAWINGS, LOCATION OF EXISTING EQUIPMENT AND SPACE ALLOWANCES TO ASCERTAIN THAT THE WORK CAN BE SATISFACTORILY CARRIED OUT AS SHOWN ON THESE DRAWINGS AND AS HEREIN SPECIFIED. BEFORE COMMENCING WORK, EXAMINE THE WORK AND REPORT AT ONCE, ANY DEFECT OF INTERFERENCE AFFECTING THE WORK OF THIS SECTION OR THE GUARANTEE OF SAME. NO EXTRA WILL SUBSEQUENTLY BE ALLOWED TO COVER ANY THOROUGH INSPECTION OF THE GROUNDS, EXISTING CONDITIONS, DRAWINGS AND SPECIFICATION. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
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- 1.12. ALL SPRINKLERS SHALL BE U.L.C. LISTED AND SHALL BE THE TYPE AND TEMPERATURE RATING SPECIFIED ON THE DRAWINGS. SPRINKLERS OF SUITABLE TEMPERATURE RATING SHALL BE INSTALLED NEAR HEATING EQUIPMENT AS SPECIFIED IN N.F.P.A. STANDARD # 13 (LATEST EDITION).
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- 1.17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE FIRE PROTECTION SYSTEMS AND FOR CO-ORDINATION WITH ALL SITE CONDITIONS. BEFORE COMMENCING WORK, EXAMINE THE SITE AND THE EXISTING CONDITIONS AND REPORT IMMEDIATELY TO THE ENGINEER ANY DEFECT OR INTERFERENCE AFFECTING THE COMPLETION OF THE WORK OR THE GUARANTEE OF THIS CONTRACTOR.
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- 1.21. MAINTAIN LIABILITY INSURANCE WHICH WILL FULLY PROTECT THE OWNER AND THE CONTRACTORS FROM ANY AND ALL CLAIMS UNDER THE WORKPLACE SAFETY & INSURANCE BOARD ACT.
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- 1.28. EXACT LOCATION AND ELEVATION OF MAINS TO BE DETERMINED BY CONTRACTOR TO SUIT SITE CONDITIONS.
- 1.29. CONTRACTOR TO CO-ORDINATE LOCATION OF SPRINKLERS WITH RESPECT TO SURFACE MOUNTED LIGHT FIXTURES AND MAINTAIN MINIMUM CLEARANCE AS REQUIRED BY NFPA 13 TO AVOID ANY OBSTRUCTION TO SPRAY PATTERN OF SPRINKLERS.
- 1.30. MINIMUM WALL THICKNESS OF SPRINKLER PIPING TO BE EQUIVALENT TO SCHEDULE 10S.
- 1.31. CONTRACTOR TO INCLUDE FOR AN ADDITIONAL 2 SPRINKLERS FOR BELOW OBSTRUCTIONS ETC.
- 1.32. SINCE THE BUILDING IS EXISTING, CONTRACTOR IS TO VISIT SITE AND BECOME FAMILIAR WITH EXISTING SITE CONDITIONS RELATIVE TO THE PROJECT AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO QUOTING OR FABRICATION
- 1.33. A COPY OF N.F.P.A STANDARD #25 IS TO BE PROVIDED AND LEFT IN A VISIBLE LOCATION IN THE SPRINKLER ROOM.
- 1.34. PROVIDE SHOP DRAWINGS FOR THE FOLLOWING: (WHERE APPLICABLE)
- A) - SPRINKLERS  
B) - DOUBLE CHECK VALVE ASSEMBLY / BACKFLOW DEVICE  
C) - RISER CHECK/ALARM VALVE AND TRIMDRY PIPE VALVE  
D) - SUPERVISORY DEVICES  
E) - HANGERS

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- VICTALIC
  - VIKING
  - TYCO
  - RELIABLE
  - OR APPROVED EQUAL. ALL SHALL BE U.L.C. LISTED FOR THEIR SPECIFIC APPLICATION.

## SITE PLAN



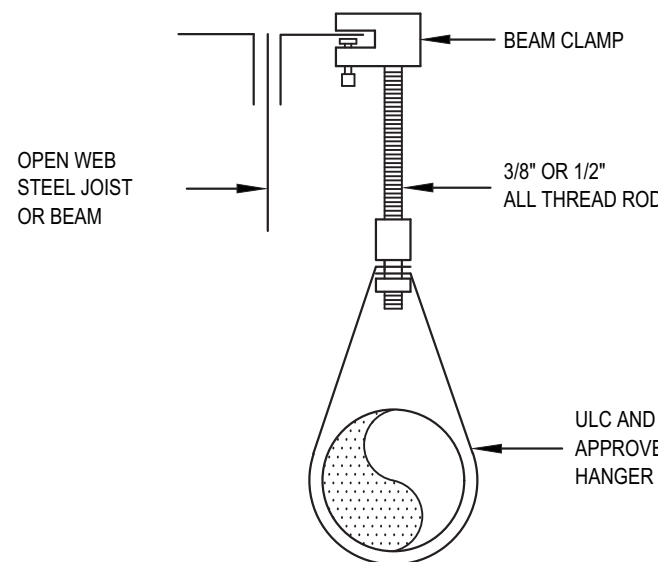
## PROPOSED SPRINKLER LAYOUT AND DETAILS

### LEGEND:

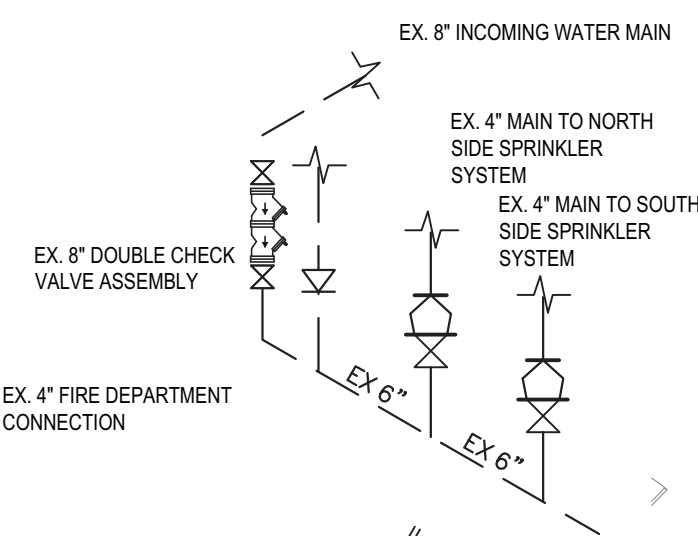
- NEW RETURN BEND CONNECTION FROM EXISTING BRANCH LINE TO NEW PENDENT SPRINKLER
- RELOCATE EXISTING SPRINKLER
- EXISTING BRANCH LINE TO REMAIN.
- EXISTING MAIN TO REMAIN.

### GENERAL INSTALLATION NOTE:

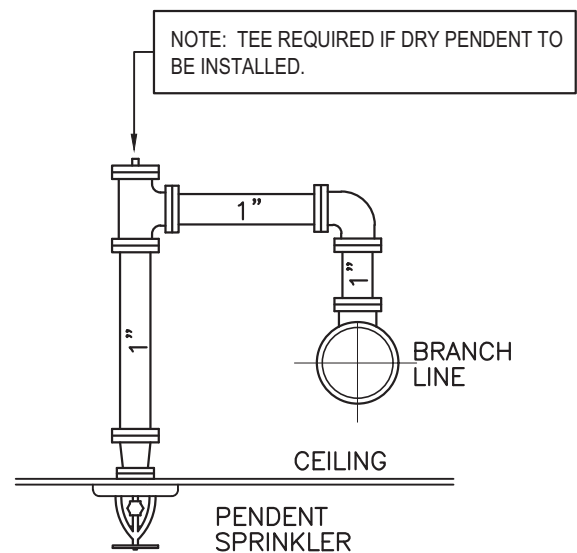
- CONTRACTOR TO COORDINATE THE LOCATION OF PENDENT HEADS WITH ELECTRICAL & MECHANICAL SERVICES TO AVOID INTERFERENCE WITH OR OBSTRUCTIONS CREATED BY LIGHTS AND/OR DUCWORK (WHERE APPLICABLE).
- CONTRACTOR TO CONFIRM EXISTING STRUCTURE AND PIPE ROUTING ON SITE PRIOR TO INSTALLATION
- SPRINKLER CONTRACTOR TO INCLUDE FOR OFFSETS IN THE SPRINKLER PIPING AND SUPPLY AND INSTALLATION OF HANGERS. HANGERS SHALL BE PER NFPA 13.



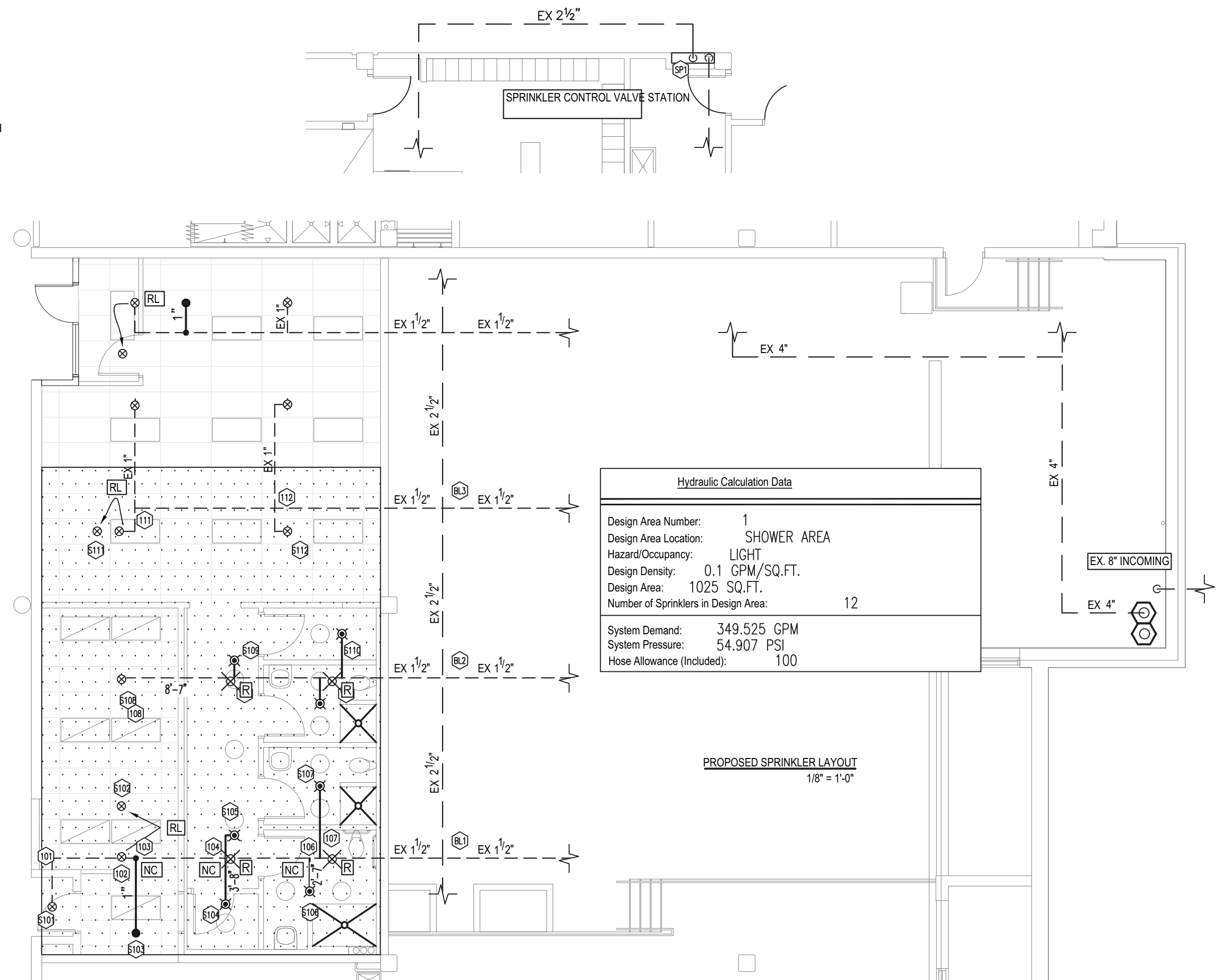
AS PER N.F.P.A.13



EXISTING SPRINKLER HEADER DETAIL  
N.T.S.



NOTE: AREA ABOVE & BELOW TO BE HEATED.  
IF EITHER AREA IS UNHEATED  
THEN DRY PENDENT TO BE USED



## SUBMITTALS

NO	DATE	DESCRIPTION	DWN	CH'D
1	JUL 26/2023	ISSUED FOR CLIENT REVIEW AND COORDINATION	JML	TE
2	JUL 27/2023	ISSUED FOR PERMIT	JML	TE
3	SEP 16/2023	ISSUED FOR TENDER	JML	TE
4	MAY 29/2024	ISSUED FOR PERMIT REVISION	JML	TE
5	MAY 31/2024	RE-ISSUED FOR CLIENT REVIEW	JML	TE
6	JUN 18/2024	ISSUED FOR PERMIT AND TENDER	JML	TE

## HEAD COUNT

S/R=STANDARD RESPONSE Q/R=QUICK RESPONSE  
C/W GUARD

	NEW 155°F STANDARD COVERAGE CONCEALED PENDENT (K=5.6) Q/R	6
	EX. 155°F STANDARD COVERAGE PENDENT (K=5.6) Q/R	-
	NEW 155°F STANDARD COVERAGE PENDENT (K=5.6) Q/R	2



Norris Fire Consulting Inc.

Smoke Control | Sprinkler | Fire Alarm | Code |

1840 Clements Road, Suite 202, Pickering, ON L4W 3Y2

Tel (905) 669-5154; [www.norrisfireconsulting.com](http://www.norrisfireconsulting.com)

Learn + Grow + Inspire + Execute

Ontario ▴ Manitoba ▴ Saskatchewan ▴ British Columbia ▴

## PROJECT NORTH



Professional Engineers  
Ontario

Limited Engineering Licensee

Name: M B J Norris

Number: 10225827

Limitations: Specifying and reviewing of fire protection and fire alarm systems as per CBC, OBC and NFPA (13, 14, 17A, 20, 22, 24, 26, 70, 101, 2001 & 2002)

Association of Professional Engineers of Ontario

JUN. 14/24

## PEEL POLICE

180 DERRY RD. E  
MISSISSAUGA, ONTARIO

## DRAWING TITLE

PROJECT INFORMATION  
PROPOSED SPRINKLER LAYOUT

JOB. NO. 23-0040

SCALE: AS-SHOWN

DRAWN BY: JML CHECKED BY: TE

SHEET FP-01a



# SECOND AND THIRD FLOOR UPDATES

2024 OFFICE RENO  
180 DERRY ROAD., MISSISSAGUA, ON

## PROJECT INFORMATION

### SPECIFICATIONS

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- B) DOUBLE CHECK VALVE ASSEMBLY BACKFLOW DEVICE
- C) RISER CHECK/ALARM VALVE AND TRIMMERY PIPE VALVE
- D) SUPERVISORY DEVICES
- E) HANGERS

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  - VIKING
  - TICO
  - RELIABLE
  - OR APPROVED EQUAL. ALL SHALL BE U.L.C. LISTED FOR THEIR SPECIFIC APPLICATION

### SCOPE OF WORK

1. FIRE PROTECTION WORK CONSISTS OF MAKING CHANGES TO THE EXISTING SPRINKLER SYSTEM THROUGHOUT THE OFFICE SPACE RENOVATION IN ACCORDANCE WITH DRAWINGS.
- FP-1 PROJECT INFORMATION
- FP-01a PROJECT INFORMATION, PROPOSED SPRINKLER LAYOUT - BASEMENT FLOOR
- FP-2 PROPOSED SPRINKLER LAYOUT - SECOND FLOOR
- FP-3 PROPOSED SPRINKLER LAYOUT - THIRD FLOOR
2. ALL WORK AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE ONTARIO BUILDING CODE (2012), AUTHORITY HAVING JURISDICTION REQUIREMENTS, WITH NFPA 13 (2015), NFPA 14 (2013), AND NFPA 20 (2015).
3. ALL PIPING AS FOLLOWS:
- WET SYSTEMS:
- STEEL PIPE: 1" PIPE, SCH 40 BLACK, WITH THREADED ENDS, C=100
- ALL PIPES LARGER THAN 1", SCHED 10, BLACK, WITH GROOVED ENDS, C=120
4. WIRE GUARDS SHALL BE PROVIDED FOR HEADS IN AREAS SUSCEPTIBLE TO DAMAGE.
5. ALL HANGERS SHALL BE INSTALLED AND SPACED IN ACCORDANCE WITH NFPA 13 (2015).
6. TEST/DRYAN CONNECTION TO DISCHARGE TO A SUITABLE LOCATION.
7. TAMPER AND WATER FLOW SWITCHES ARE PROVIDED, BUT WIRING BY OTHERS.
8. SPARE SPRINKLERS SHALL BE PROVIDED IN ACCORDANCE WITH NFPA ADJACENT TO THE MAIN RISER AT LEAST FOUR HEADS OF ALL TYPES OF SPRINKLERS AND ASSOCIATED WRENCHES IN THE BUILDING SHALL BE PROVIDED FOR THE CABINETS.
9. PIPING IS TO BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH NFPA 13 FOR 2 HOURS AT 200 PSI AT THE SYSTEM RISER ALL. TESTING MUST BE WITNESSED AND SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE OWNER.
10. FIRE PROTECTION SYSTEM INSTALLER SHALL CO-ORDINATE WITH ALL ARCHITECTURAL, MECHANICAL AND ELECTRICAL DISCIPLINES.
11. WHERE PIPING PENETRATES RATED WALL AND FLOORS, THE PENETRATION SHALL BE FIRE STOPPED WITH A U.L.C. LISTED FIRE STOP SYSTEM.

DESIGN CRITERIA

SPRINKLER SYSTEM DESIGNED FOR:

LIGHT HAZARD, CLASSICOM SPRINKLER SYSTEM DESIGNED FOR A DENSITY OF 1.0 GPM/100' OVER 100

50 FT PLUS 20 GPM FOR HOSES

HES REDUCTION FOR QUICK RESPONSE SPRINKLERS OF 40% AS PER NFPA 13 (2015) 11.2.1.3.1

APPLICABLE CODE AND STANDARDS

ONTARIO BUILDING CODE, 2012 EDITION, AS AMENDED

ONTARIO FIRE CODE, 2015 EDITION

NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS 2015, EDITION.

WATER SUPPLY INFORMATION

FLOW TEST LOCATION: 180 DERRY RD. E.

DATE: JUL 8, 2023

STATIC: 80 PSI

RESIDUAL: 60 PSI

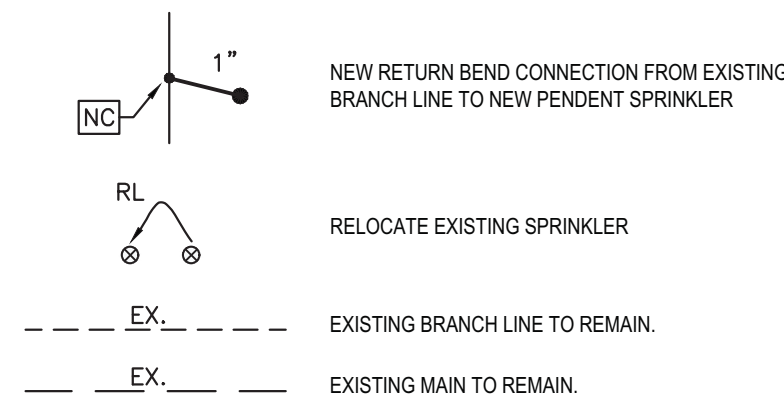
FLOW: 150 GPM

Hydraulic Calculation Data	
Design Area Number:	1
Design Area Location:	SECOND FLOOR OFFICES
Hazard/Occupancy:	LIGHT HAZARD
Design Density:	0.1
Design Area:	981 SQ.FT
Number of Sprinklers in Design Area:	7
System Demand:	261,571 GPM
System Pressure:	49,284 PSI
Water Allowance (Included):	100

Hydraulic Calculation Data	
Design Area Number:	1
Design Area Location:	THIRD FLOOR
Hazard/Occupancy:	LIGHT HAZARD
Design Density:	0.1
Design Area:	1051 SQ.FT
Number of Sprinklers in Design Area:	9
System Demand:	315,306 GPM
System Pressure:	72,316 PSI
Water Allowance (Included):	100

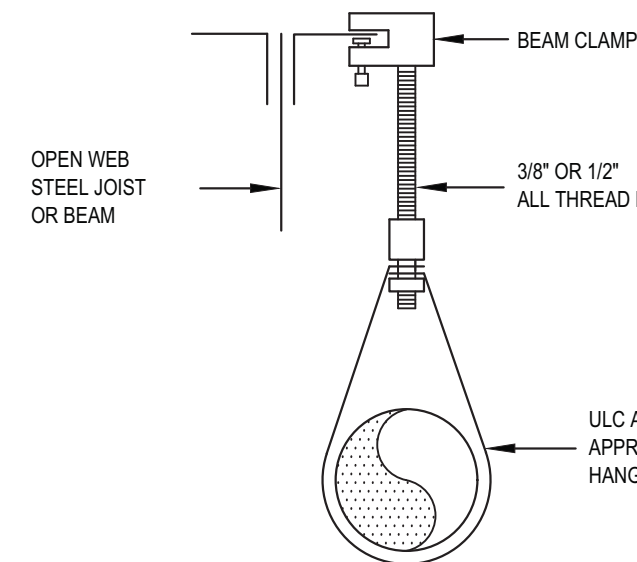
### PROPOSED SPRINKLER LAYOUT AND DETAILS

#### LEGEND:



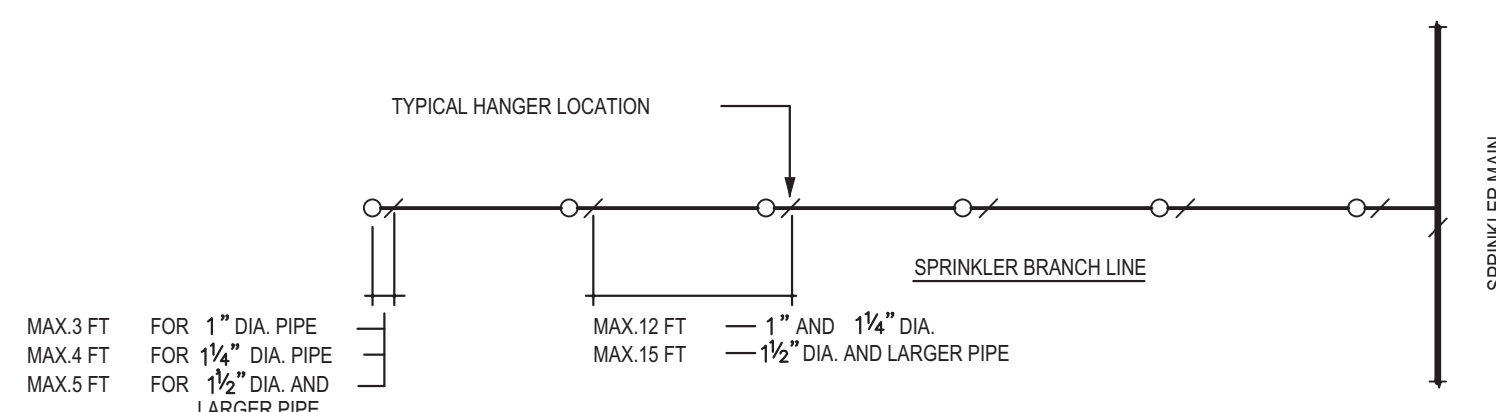
#### GENERAL INSTALLATION NOTE:

1. CONTRACTOR TO COORDINATE THE LOCATION OF PENDENT HEADS WITH ELECTRICAL & MECHANICAL SERVICES TO AVOID INTERFERENCE WITH OR OBSTRUCTIONS CREATED BY LIGHTS AND/OR DUCTWORK (WHERE APPLICABLE).
2. CONTRACTOR TO CONFIRM EXISTING STRUCTURE AND PIPE ROUTING ON SITE PRIOR TO INSTALLATION.
3. SPRINKLER CONTRACTOR TO INCLUDE FOR OFFSETS IN THE SPRINKLER PIPING AND SUPPLY AND INSTALLATION OF HANGERS. HANGERS SHALL BE PER NFPA 13.

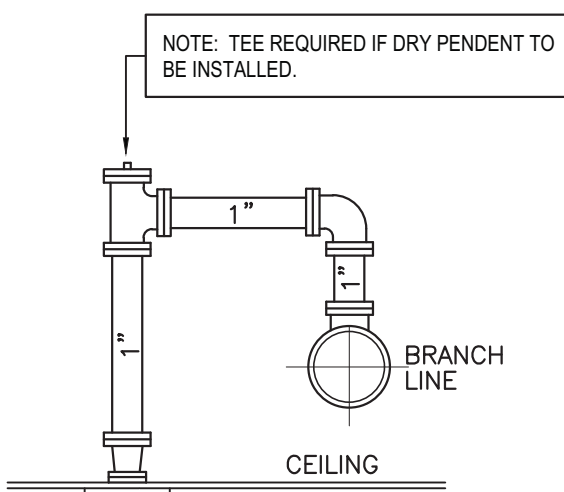


AS PER N.F.P.A. 13

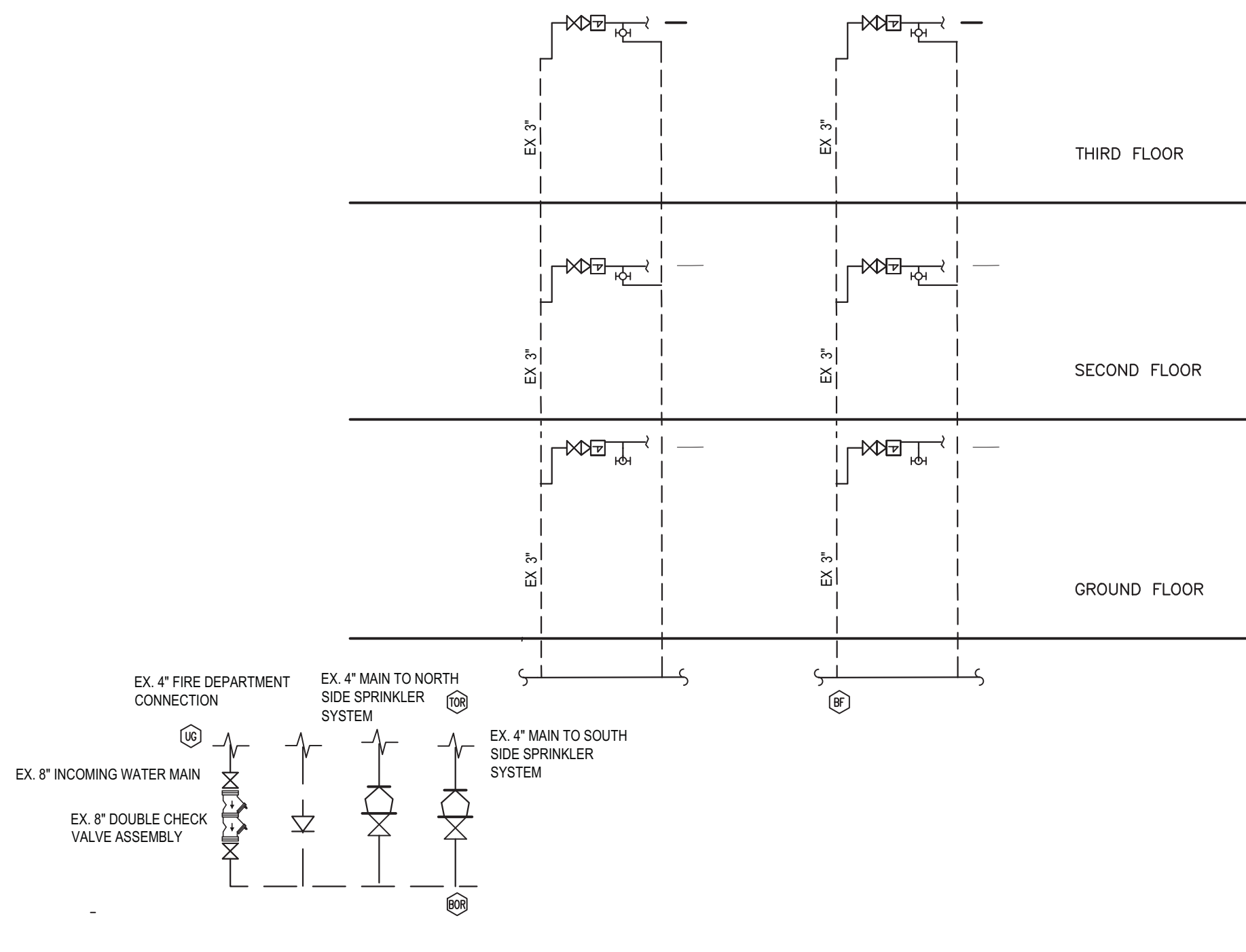
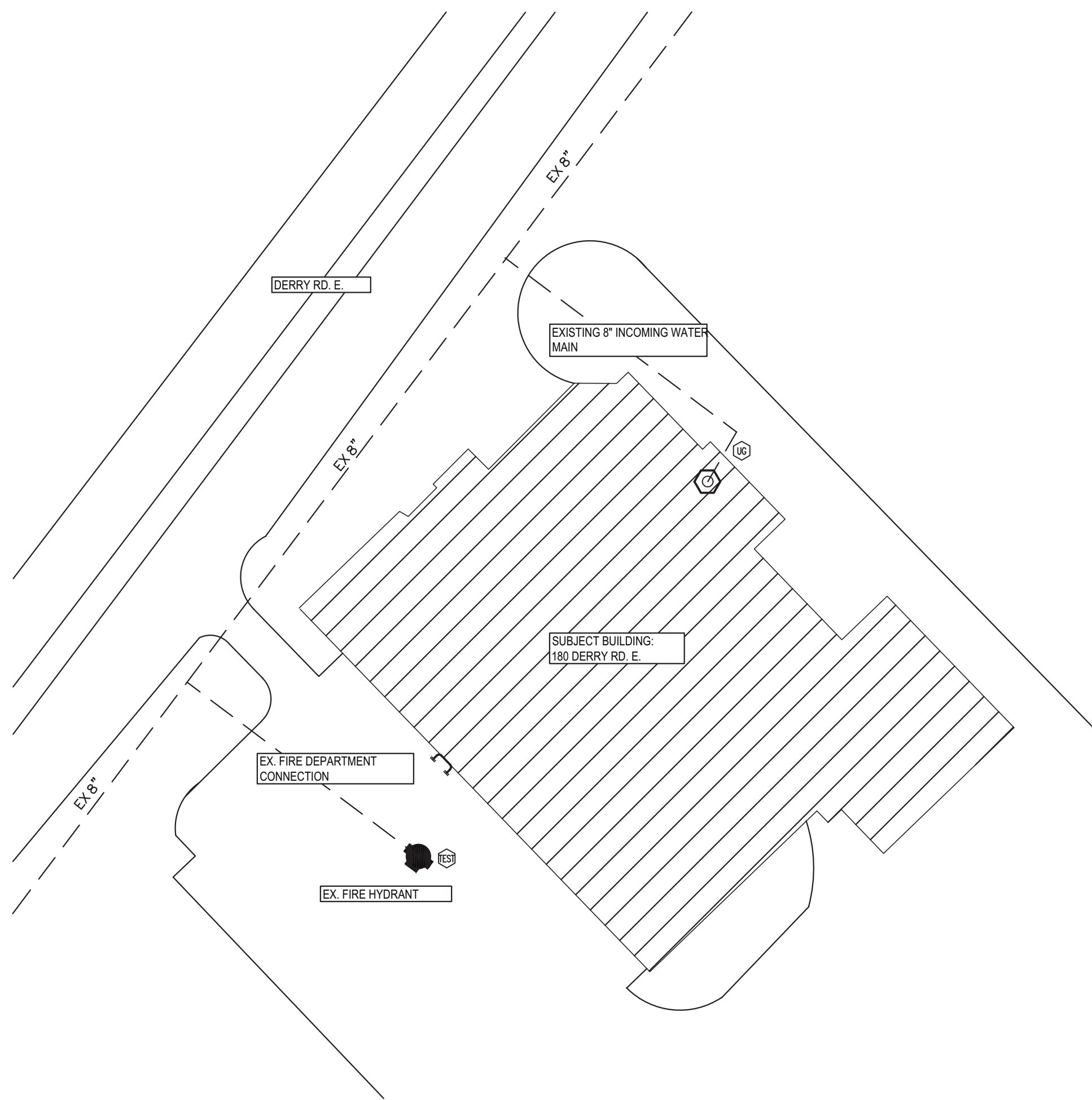
HANGER DETAIL  
N.T.S.



HANGER DETAIL  
N.T.S.



RETURN BEND DETAIL  
N.T.S.



EXISTING SPRINKLER RISER - FOR REFERENCE ONLY

### SUBMITTALS

NO	DATE	DESCRIPTION	DWN	CHD
1	MAR 04/2024	ISSUED FOR CLIENT REVIEW AND COORDINATION	JML	TE
2	JUN 04/2024	ISSUED FOR REVIEW	JML	TE
3	JUN 18/2024	ISSUED FOR PERMIT AND TENDER	JML	TE

### SITE PLAN

**NORRIS FIRE CONSULTING**

Norris Fire Consulting Inc.  
Smoke Control | Sprinkler | Fire Alarm | Code 1

8940 Clements Road, Suite 202, Pickering, ON L1W 3Y2  
Tel: (905) 669-9556, www.norrisfireconsulting.com

Learn + Grow + Inspire + Execute

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**PROJECT NORTH**

Professional Engineers  
Ontario

**Limited Engineering Licenses**

Name: M.S. J. Hume  
Number: 180226027  
Limitations: Sealing and issuing of his professional seal and stamp in accordance with the provisions of the Engineering Act, R.S.O. 1990, c. 19, s. 26(1) & 26(2).

Association of Professional Engineers of Ontario  
FEB. 29/24

**PEEL POLICE**

180 DERRY RD. E.  
MISSISSAUGA, ONTARIO

**DRAWING TITLE**

PROJECT INFORMATION

**JOB. NO.**

23-0471

**SCALE:**

AS-SHOWN

**DRAWN BY:**

JML

**CHECKED BY:**

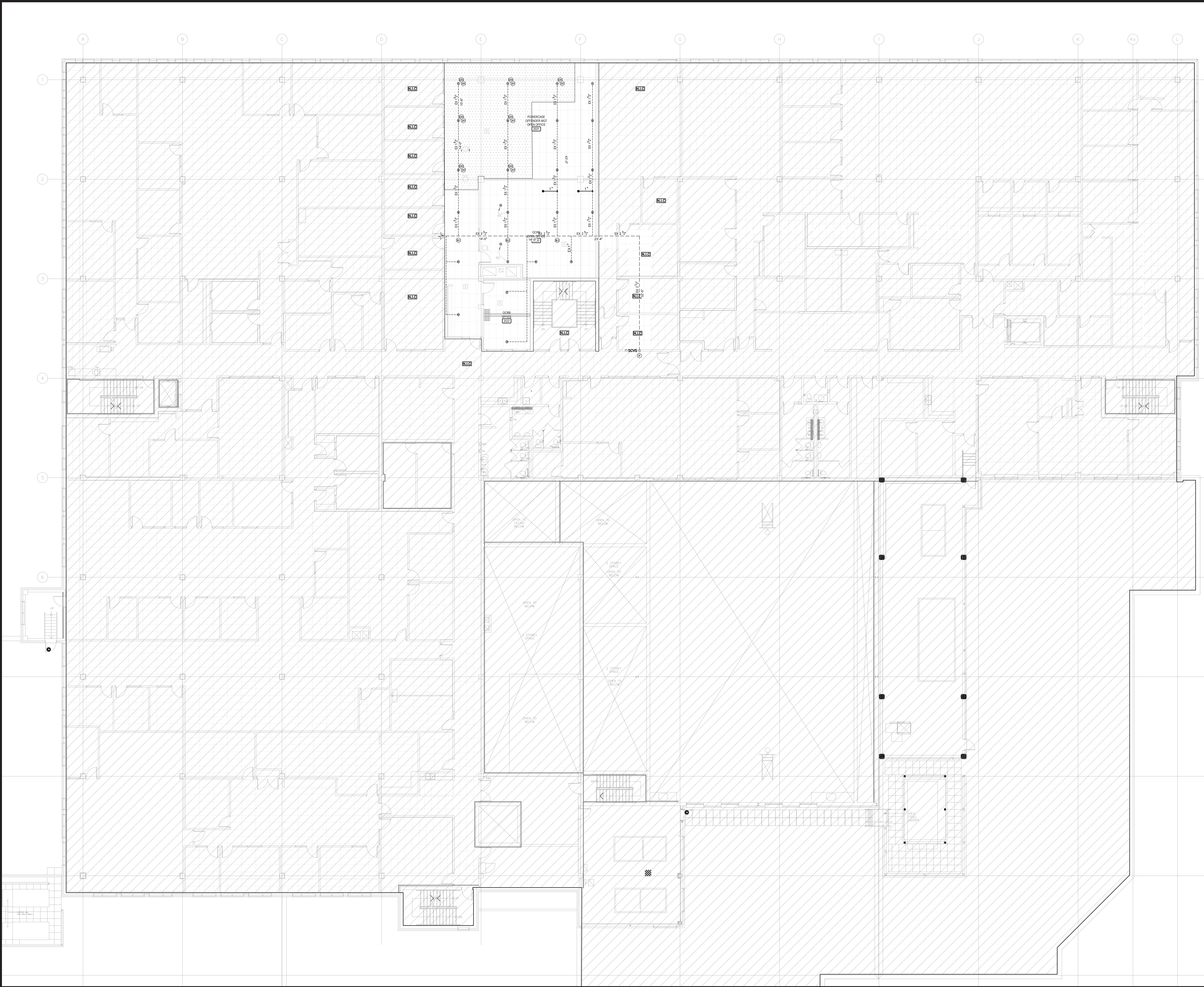
TE

**SHEET**

3

**FP-1**





SUBMITTALS					
NO	DATE	DESCRIPTION	DWN	CHD	
1	MAR 04/2024	ISSUED FOR CLIENT REVIEW AND COORDINATION	JML	TE	
2	JUN 14/2024	ISSUED FOR REVIEW	JML	TE	
3	JUN 18/2024	ISSUED FOR PERMIT AND TENDER	JML	TE	

HEAD COUNT			
S/R=STANDARD RESPONSE Q/R=QUICK RESPONSE		O C/W GUARD	
●	NEW 1/2" 155F STANDARD COVERAGE CONCEALED PENDENT (K=5.6) Q/R		2
⊙	EXISTING 1/2" 155F STANDARD COVERAGE PENDENT (K=5.6) Q/R		-

**NORRIS FIRE CONSULTING**


Norris Fire Consulting Inc.  
Smoke Control • Sprinkler • Fire Alarm • Code 1

8840 Clements Road, Suite 202, Pickering, ON L3W 3Y2  
Tel: (905) 609-9556, [www.norrisfireconsulting.com](http://www.norrisfireconsulting.com)  
Learn • Grow • Inspire • Execute

Owners • Architects • Stakeholders • Builders • Collaborators


**PROJECT NORTH**



**Professional Engineers Ontario**

**Limited Engineering Licenses**

Name: M.S. J. Haines  
Number: 180298017  
Limitations: Sealing and issuing of fire protection and fire alarm systems as per CBC, OBC and MFPA (13, 14, 17A, 20, 21, 24, 25, 26, 28, 29, 30, 31 & 3600)  
Association of Professional Engineers of Ontario FEB. 29/24



PEEL POLICE  
881 DERRY RD. E.  
MISSISSAUGA, ONTARIO

DRAWING TITLE  
PROPOSED SPRINKLER LAYOUT - SECOND FLOOR

JOB NO. 23-0471

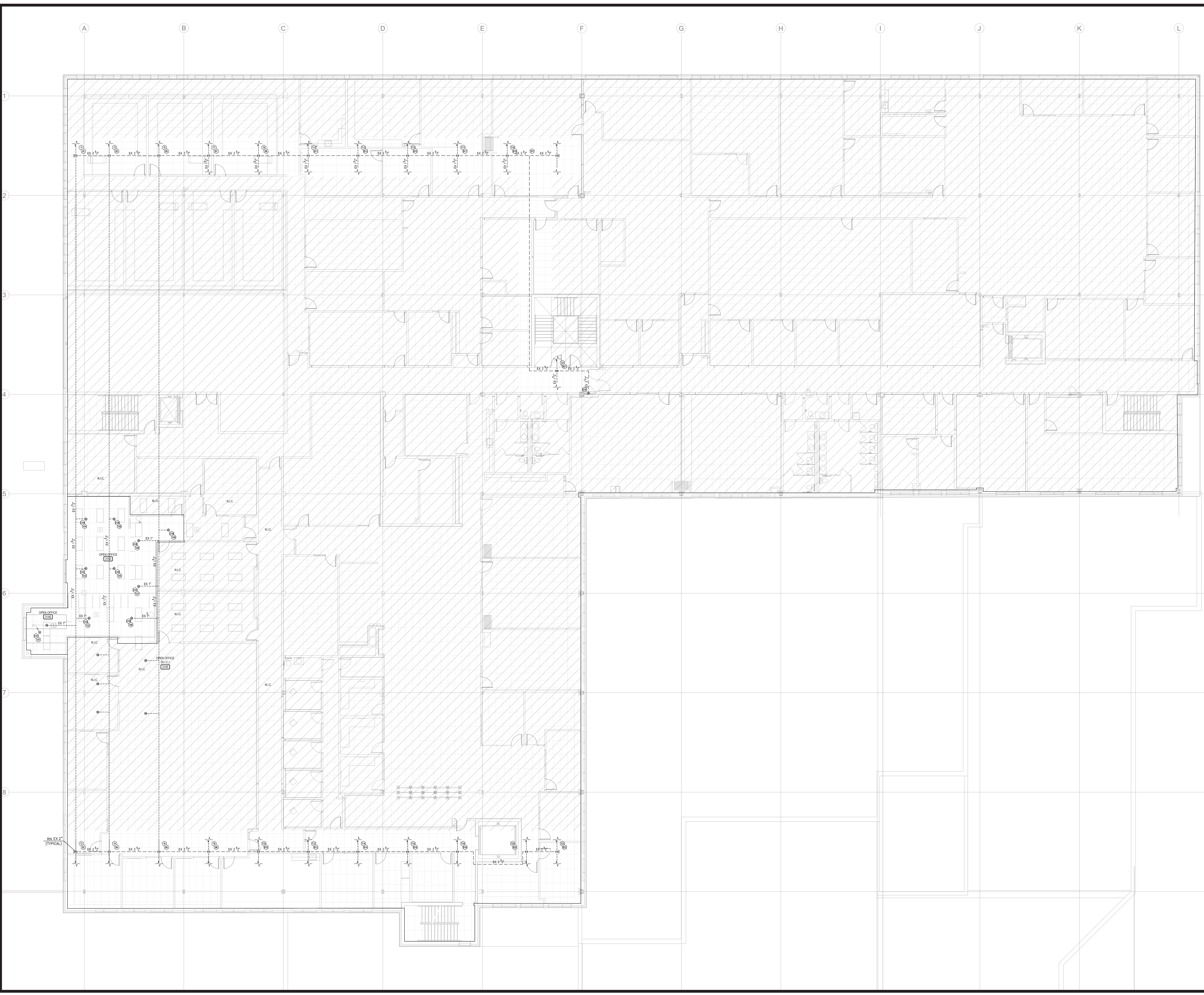
SCALE: 1/8"=1'-0"

DRAWN BY: JML CHECKED BY: TE

SHEET FP-2

OF 3





SUBMITTALS

NO	DATE	DESCRIPTION	DWN	CHD
1	MAR 04/2024	ISSUED FOR CLIENT REVIEW AND COORDINATION	JML	TE
2	JUN 14/2024	ISSUED FOR REVIEW	JML	TE
3	JUN 18/2024	ISSUED FOR PERMIT AND TENDER	JML	TE

HEAD COUNT

S/R=STANDARD RESPONSE Q/R=QUICK RESPONSE C/W GUARD	
● NEW 1/2" 155F STANDARD COVERAGE CONCEALED PENDENT (K=5.6) Q/R	2
⊗ EXISTING 1/2" 155F STANDARD COVERAGE PENDENT (K=5.6) Q/R	-



Norris Fire Consulting Inc.  
Smoke Control • Sprinkler • Fire Alarm • Code •  
8840 Clements Road, Suite 202, Pickering, ON L1W 3Y2  
Tel: (905) 609-9554, www.norrisfireconsulting.com  
Learn • Grow • Inspire • Execute  
Ontario • Manitoba • Saskatchewan • British Columbia

PROJECT NORTH



Professional Engineers  
Ontario  
**Limited Engineering Licensees**  
Name: M.S. J. Hume  
Number: 18029817  
Limitations: Sealing and issuing of his protection and fire alarm systems in per OBC, OAC and MFPA (13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 & 24)  
Association of Professional Engineers of Ontario FEB. 28/24  
*[Signature]*

PEEL POLICE

881 DERRY RD. E.  
MISSISSAUGA, ONTARIO

DRAWING TITLE

PROPOSED SPRINKLER LAYOUT -  
THIRD FLOOR

JOB NO. 23-0471

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

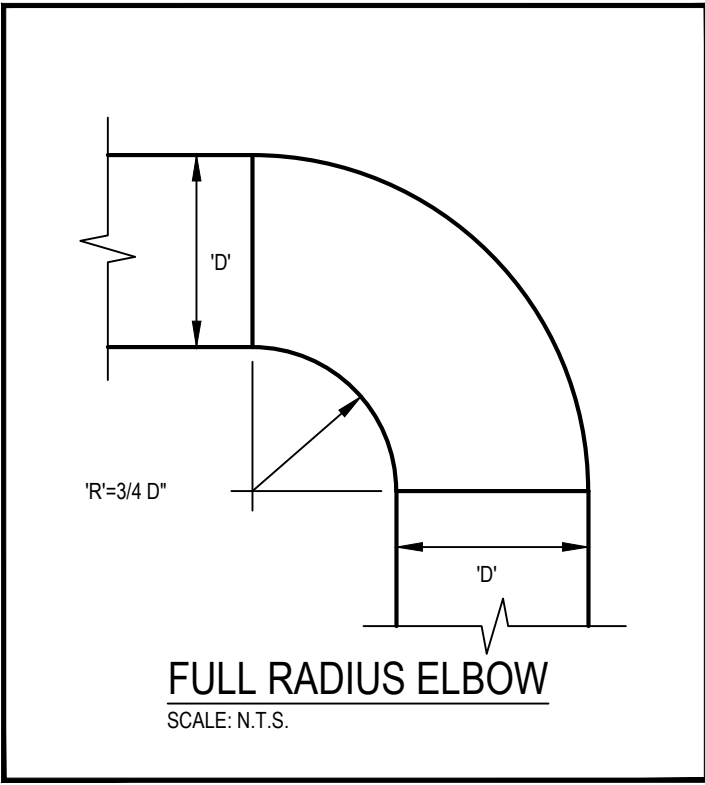
DRAWN BY: JML CHECKED BY: TE

SHEET FP-3









DIFFUSER & GRILLE SCHEDULE:				
DESIGNATION	MANUFACTURER	MODEL No.	CEILING TYPE	REMARKS
A	-	-	T-BAR	EXT'G SQUARE CONE DIFFUSER / 3 CONE / INLET SIZE AS SHOWN ON FLOOR PLAN
SP	E.H. PRICE	24"x24"/SPD/B12	T-BAR	NEW 24"x24" SQUARE PLAQUE DIFFUSER / WHITE FINISH / INLET SIZE AS SHOWN ON FLOOR PLAN
R	E.H. PRICE	80 SERIES	T-BAR	NEW ALUMINUM EGGRATE FACE RETURN GRILLE / WHITE FINISH / SIZE AS SHOWN ON DRAWING
GA	E.H. PRICE	630/FL/A/B12	DRYWALL	NEW ALUMINUM CONSTRUCTION RETURN AIR GRILLE (FOR SHOWER LOCATION) / WITH OPTIONAL DAMPER / WHITE FINISH / SIZE AS SHOWN ON FLOOR PLAN

CONDENSER UNIT SCHEDULE:									
UNIT NO.	MANUFACTURER	DESCRIPTION	MODEL No.	TOTAL COOLING (BTU/HR)	VOLTAGE	MCA	MOCP	FLA	WEIGHT
C-1	MTSUBISHI	EXT'G CONDENSER UNIT TO REMAIN	PUY-A12NH#4	12,000	208V/1Ø	13A	15A	0.35, 12.0	82 LB
C-2	MTSUBISHI	EXT'G CONDENSER UNIT TO BE REMOVED	PUY-A24NH#4	24,000	208V/1Ø	18A	30A	0.4, 12.0	163 LB

INDOOR A/C UNIT SCHEDULE:									
UNIT NO.	MANUFACTURER	DESCRIPTION	MODEL No.	TOTAL COOLING (BTU/HR)	AIR FLOW (CFM)	VOLTAGE	MOCP	MCA	WEIGHT
AC-1	MTSUBISHI	EXT'G A/C UNIT TO REMAIN	PKA-A12HA	12,000	400	208V/1Ø	15A	1.0A	29 LBS
AC-2	MTSUBISHI	EXT'G A/C UNIT TO BE REMOVED	PKA-A12HA	12,000	400	208V/1Ø	15A	1.0A	29 LBS
AC-3	MTSUBISHI	EXT'G A/C UNIT TO BE REMOVED	PKA-A12HA	12,000	400	208V/1Ø	15A	1.0A	29 LBS
<b>NOTES:</b> 1. RE-CONFIRM ALL PIPING SIZES & WIRING REQUIREMENT WITH MANUFACTURER PRIOR TO RECONNECTION OF 'AC-2'. ALL REFRIGERANT PIPING MATERIAL & PIPING INSULATION AS PER MANUFACTURER'S RECOMMENDATIONS. 2. SUPERVISION OF UNITS COMMISSIONING SHALL BE BY MANUFACTURER REPRESENTATIVE.									

FAN POWERED BOX SCHEDULE:						
UNIT NO.	MANUFACTURER	DESCRIPTION	MODEL No.	AIR FLOW (CFM)	VOLTAGE	
#27-C-10	TRANE	EXT'G FAN POWERED BOX TO BE REMOVED	VSCF1000EE0DD01AD1000L00W00000000	-	120V/1Ø	
#28-A-8	TRANE	EXT'G FAN POWERED BOX	VSCF0800BE0DD01AD1000L00W00000000	500	120V/1Ø	
#29-A-8	TRANE	EXT'G FAN POWERED BOX TO BE REMOVED	VSCF0800BE0DD01AD1000L00W00000000	-	120V/1Ø	

EXHAUST FAN SCHEDULE:											
DESIGNATION	DESCRIPTION	MANUFACTURER	MODEL No.	CFM	E.S.P.	FLA	HP	RPM	VOLTAGE	SONES	REMARKS
EF-1	EXT'G SHOWERS / WASHROOMS EXHAUST FAN	PENNBARRY	DX3Ø	6900	0.6"WC	3.1	3.0	1760	575V/3PH	-	SEE NOTE #23 ON DWG M-1a.
<b>NOTES:</b> EXT'G EXHAUST FAN TO REMAIN.											

**Tanco Engineering Limited**  
Consulting Engineers

80 Nashdene Road, Suite 213  
Scarborough, Ontario  
M1V 5E4 (416) 321-3022

No.	Date	Issued or Revised
	Jun 18, 2024	Issued for Permit & Tender
	Jun 14, 2024	Issued for Client Review
	Jun 3, 2024	Issued for Client Review
	May 24, 2024	Issued for Client Review
	Jul 27, 2023	Issued for Permit

STAMP



  
NORTH

PROJECT:  
**PEEL REGIONAL POLICE**  
  
180 DERRY ROAD E.,  
MISSISSAUGA, ON

DRAWING TITLE:  
**SCHEDULES & DETAILS**

SCALE: AS NOTED	DATE: JUL, 2023
DRAWN BY: A.L.	PROJECT NO: 2325
DRAWING NO: <b>M-1b</b>	



PLUMBING FIXTURES

**'B-1' WALL HUNG BASIN ELECTRONIC TOUCHLESS FAUCET THERMOSTATIC MIXING VALVE:**

- AMERICAN STANDARD #0954004EC.000 'MURRO' UNIVERSAL DESIGN WALL-HUNG LAVATORY SINK, WHITE FINISH C/W VITREOUS CHINA SHROUD/KNEED CONTACT GUARD #0059.020EC.020.
- DELTA #591T0228TR, ELECTRONIC FAUCET HARDWIRED C/W DELTA FAUCET CONTROL BOX #ELAVT0008ARI & CONVERSION KIT #00083A. CONTROL BOX SHALL BE C/W THERMOSTATIC MIXING VALVE.
- OS&B #370 OPEN GRID DRAIN C/W #4831-6 17 GAUGE TAILPIECE.
- MCGUIRE #LFH170BV, POLISHED BRASS FAUCET SUPPLIES.
- PROVIDE OS&B #95-7.5 P-TRAP.
- PROVIDE TEE, ADAPTORS AND FLEX. COPPER TUBING TO SUIT INSTALLATION.
- PROVIDE HARDWIRE TRANSFORMER DELTA #RP32508, 24VAC, 20VA.
- WATTS WCA-411-CA-481 CARRIER - WCA-411/WCA-411-WC, LAVATORY CARRIER, FOR CONCEALED ARM CARRIER, ADJUSTABLE ARMS, EPOXY COATED CAST IRON, WALL MOUNTED STEEL SUPPORT PLATE WITH PLATED HARDWARE (FOR MOUNTING OF KNEE SHROUD).

**'B-2' WALL HUNG BASIN ELECTRONIC FAUCET THERMOSTATIC MIXING VALVE:**

- AMERICAN STANDARD #0355.027 'LUCERNE' WALL-HUNG LAVATORY, WHITE FINISH.
- DELTA #591T0228TR, ELECTRONIC FAUCET HARDWIRED C/W DELTA FAUCET CONTROL BOX #ELAVT0008ARI & CONVERSION KIT #00083A. CONTROL BOX SHALL BE C/W THERMOSTATIC MIXING VALVE.
- OS&B #370 OPEN GRID DRAIN C/W #4831-6 17 GAUGE TAILPIECE.
- MCGUIRE #LFH170BV, POLISHED BRASS FAUCET SUPPLIES.
- MCGUIRE PW2125WC P-TRAP - MOLDED CLOSED CELL VINYL (ANTIMICROBIAL), WRAPPED CAST BRASS, GLOSSY WHITE, WITH CLEANOUT.
- PROVIDE TEE, ADAPTORS AND FLEX. COPPER TUBING TO SUIT INSTALLATION.
- PROVIDE HARDWIRE TRANSFORMER DELTA #RP32508, 24VAC, 20VA.
- WATTS WCA-411 CARRIER - WCA-411/WCA-411-WC, LAVATORY CARRIER, FOR CONCEALED ARM CARRIER, ADJUSTABLE ARMS, EPOXY COATED CAST IRON.

**'SH-1' SHOWER, SHOWER HEAD - BARRIER-FREE:**

- DELTA #117TH155 'TECK' T17TH SERIES - MULTICHOICE UNIVERSAL THERMOSTATIC SHOWER SYSTEM, STAINLESS STEEL GRAB BAR WITH ADJUSTABLE SLIDE, POLISHED CHROME FINISH, TEMPASSURE 17T THERMOSTATIC CARTRIDGE, ADA COMPLIANT METAL LEVER VOLUME CONTROL HANDLE, FIELD ADJUSTABLE TEMPERATURE DIAL, HAND SHOWER WITH PUSH BUTTON PAUSE.
- PROVIDE MULTICHOICE UNIVERSAL TUB / SHOWER ROUGH-IN - UNIVERSAL INLETS / OUTLETS #R10000-UNWS.
- MAXIMUM TEMPERATURE SETTING FOR INCOMING HOT WATER SHALL BE 120°F OR LESS.

**'SH-2' SHOWER, SHOWER HEAD:**

- DELTA #117TH135 'TECK' T17TH SERIES - MULTICHOICE UNIVERSAL THERMOSTATIC SHOWER SYSTEM, POLISHED CHROME FINISH, TEMPASSURE 17T THERMOSTATIC CARTRIDGE, ADA COMPLIANT METAL LEVER VOLUME CONTROL HANDLE, FIELD ADJUSTABLE TEMPERATURE DIAL, TOUCH CLEAN SHOWER HEAD, ARM AND FLANGE.
- PROVIDE MULTICHOICE UNIVERSAL TUB / SHOWER ROUGH-IN - UNIVERSAL INLETS / OUTLETS #R10000-UNWS.
- MAXIMUM TEMPERATURE SETTING FOR INCOMING HOT WATER SHALL BE 120°F OR LESS.

**'WC-1' FLOOR MOUNTED TOILET - BARRIER-FREE VITREOUS CHINA:**

- AMERICAN STANDARD 3461.001 'TOILET 'MADERA FLOWISE' - FLOOR MOUNTED, TOP SPUD, COMBINATION TOILET AND FLUSH VALVE, VITREOUS CHINA, WHITE FINISH, TOILET, ELONGATED BOWL.
- ZURN #ZEMS6000AV-IS-WS1 HARDWARE AUTOMATIC SENSOR FLUSH VALVE C/W AQUASENSE #P6000-HW6 7.6 VDC HARDWIRED POWER CONVERTER.
- CENTOCO 620ST5-001 SEAT - FOR ELONGATED BOWL, OPEN FRONT, POLYPROPYLENE, TOILET SEAT, WITH SEAT COVER, AND COMMERCIAL GRADE HINGES, WHITE FINISH.
- MCGUIRE LFH160LK SUPPLY - LEAD FREE, PREMIERE HEAVY LOOSE SUPPLY, CHROME PLATED, 3/8" (9.5 MM) IPS X 3/8" (9.5 MM) OUTER Ø HEAVY STOP VALVE, 12" (304 MM) STEEL BRAIDED RISERS, CONVERTIBLE LOOSE KEY HANDLE.

**'WC-2' FLOOR MOUNTED TOILET - VITREOUS CHINA:**

- AMERICAN STANDARD 3451.001 'TOILET 'MADERA FLOWISE' - FLOOR MOUNTED, TOP SPUD, COMBINATION TOILET AND FLUSH VALVE, VITREOUS CHINA, WHITE FINISH, TOILET, ELONGATED BOWL.
- ZURN #ZEMS6000AV-IS-WS1 HARDWARE AUTOMATIC SENSOR FLUSH VALVE C/W AQUASENSE #P6000-HW6 7.6 VDC HARDWIRED POWER CONVERTER.
- CENTOCO 500STSCC-001 SEAT - FOR ELONGATED BOWL, OPEN FRONT ONLY, POLYPROPYLENE, TOILET SEAT, NO SEAT COVER, AND COMMERCIAL GRADE HINGES, WHITE FINISH.
- MCGUIRE LFH160LK SUPPLY - LEAD FREE, PREMIERE HEAVY LOOSE SUPPLY, CHROME PLATED, 3/8" (9.5 MM) IPS X 3/8" (9.5 MM) OUTER Ø HEAVY STOP VALVE, 12" (304 MM) STEEL BRAIDED RISERS, CONVERTIBLE LOOSE KEY HANDLE.

**'FD' FLOOR DRAIN - FINISHED AREA:**

- WATTS FD-104T-C-LS-1 FLOOR DRAIN - EPOXY COATED CAST IRON, FLOOR DRAIN ADJUSTABLE SQUARE 13 MM (1/2") THICK REINFORCED TOP, 102 MM (4") PIPE SIZE, THREADED OUTLET, 127 MM (5") SQUARE NICKEL BRONZE STRAINER, TRAP PRIMER CONNECTION WITH PLUG.

**'TSPV' ELECTRONIC TRAP SEAL PRIMER VALVE (FOR FLOOR DRAINS 'FD'):**

- SIOUX CHIEF #695-ES01 OR EQUAL, 120V, 9.2W C/W 5-WAY SPLITTER, CONNECT TRAP SEAL PRIMER VALVE TO CW LINE. INSTALL TRAP SEAL PRIMER VALVE AS PER MANUFACTURER'S INSTRUCTION.

NOTES

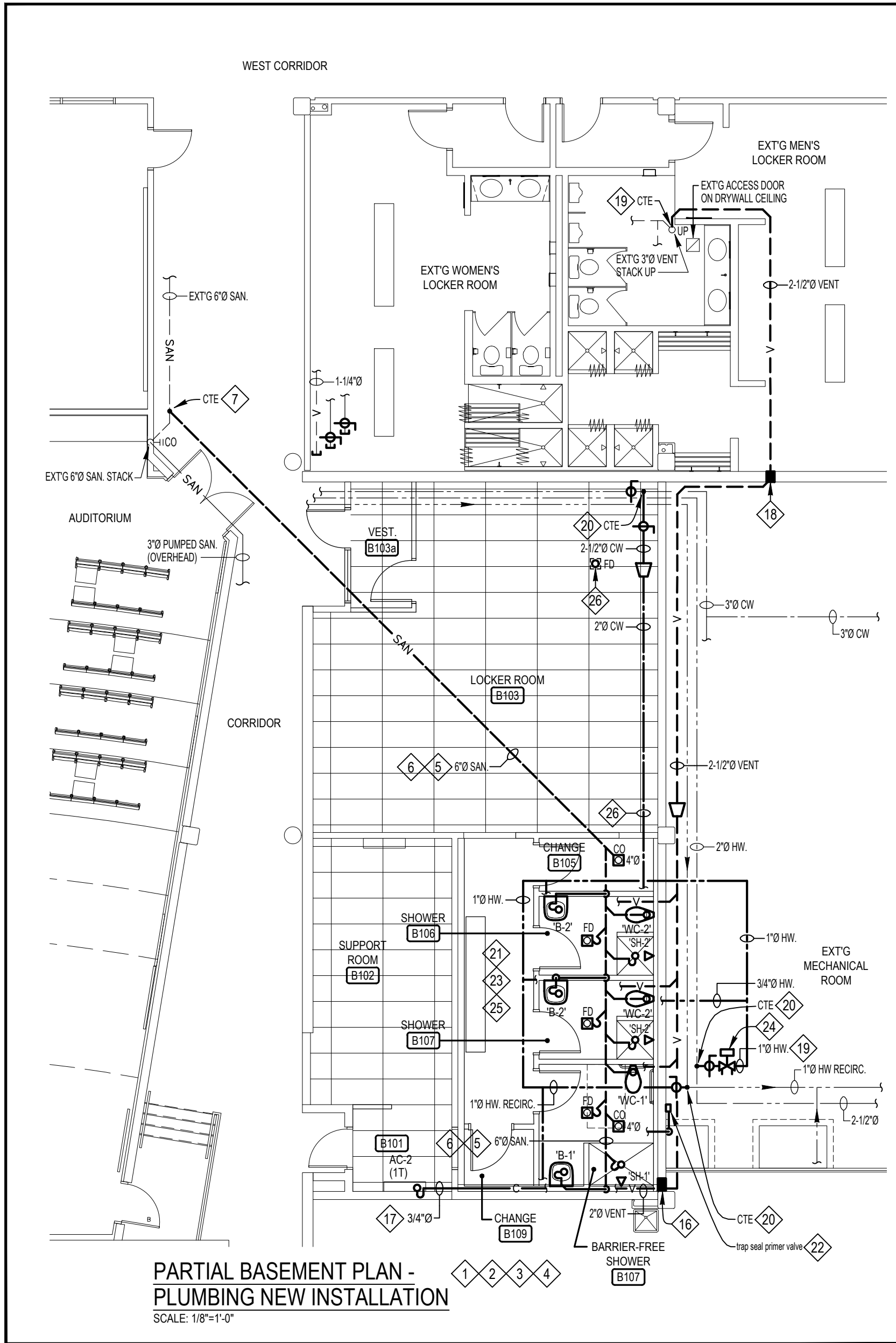
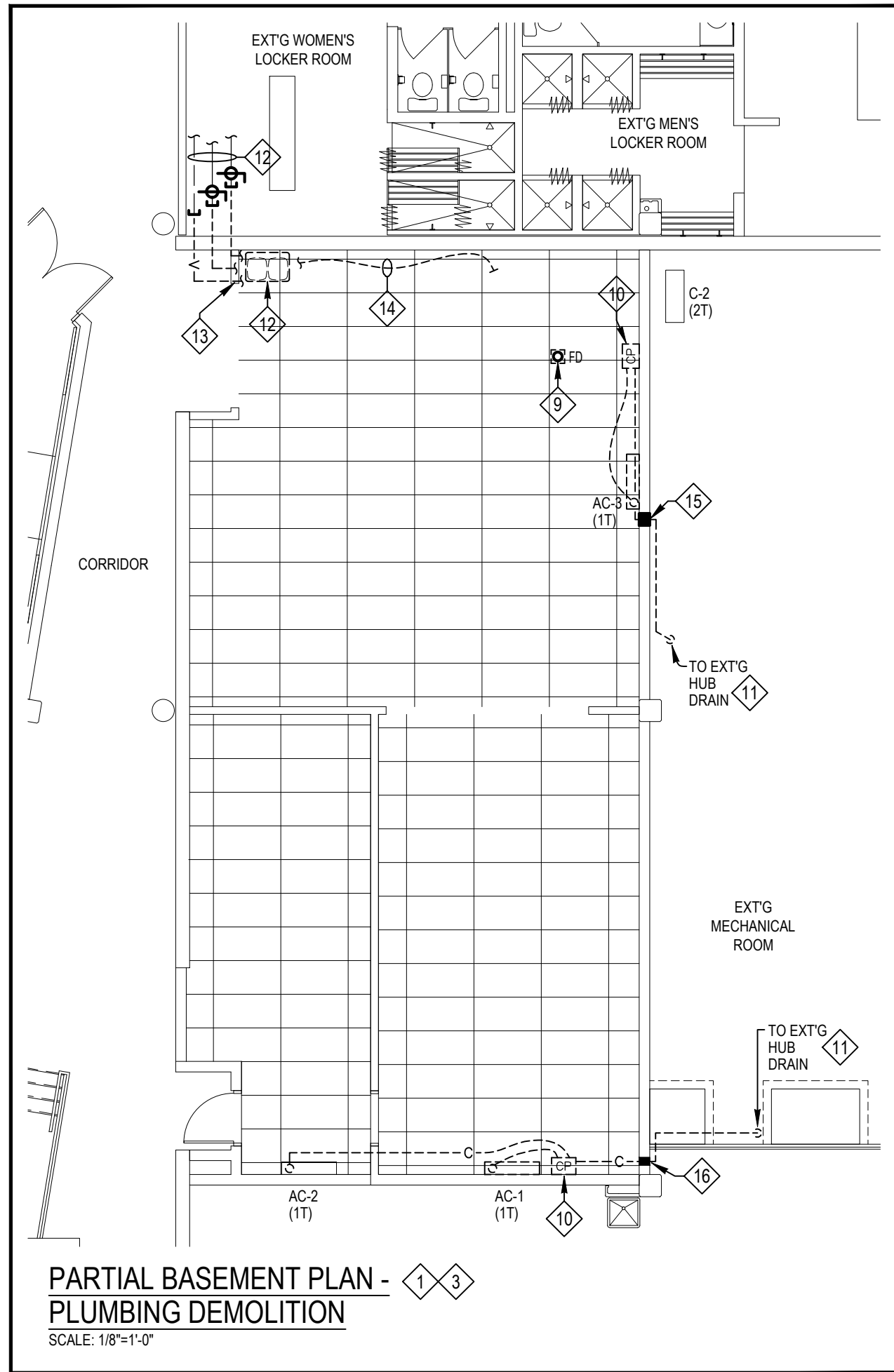
- ALL CONSTRUCTION WORK IN THE BUILDING MUST BE CARRIED OUT IN STRICT ACCORDANCE WITH OWNER'S RULES & REGULATIONS AND BE CLEARED THROUGH FACILITIES MANAGEMENT.
- ALL NEW CW & HW LINES SHALL BE INSULATED WITH 1/2" PREMOLDED PIPE INSULATION WITH FACTORY APPLIED VAPOUR SEAL. JACKET OF VINYL COATED FOIL CRAFT LAMINATE WITH REINFORCING OF OPEN MESH GLASS FIBRE. ALL NEW HOT WATER & COLD WATER PIPING SHALL BE TYPE 'L' COPPER.
- PIPING ROUTING ARE SHOWN DIAGRAMMATICALLY ON THE FLOOR PLAN(S). CONTRACTOR TO VERIFY PIPE LOCATIONS & ROUTING AT SITE PRIOR TO TENDER CLOSE.
- PLUMBING CONTRACTOR SHALL COORDINATE PIPING INSTALLATION WITH ELECTRICAL, HVAC, SPRINKLER & GENERAL CONTRACTORS TO PREVENT INTERFERENCE.
- AT THE END OF THE PROJECT, FLUSH ALL SANITARY LINES UNTIL IT IS CLEAR OF ALL DEBRIS & DEPOSIT IN DRAIN LINE.
- ALL NEW UNDERGROUND SANITARY PIPING SHALL BE 6"Ø & AT A MINIMUM SLOPE OF 1:133.
- CONTRACTOR TO ALLOW TRENCHING DOWN TO THE EXISTING SANITARY LINE BELOW FLOOR.
- ALLOW TRENCHING & BACKFILLING FOR NEW UNDERGROUND SANITARY LINES. PROVIDE BACK FILLING & FLOOR RESURFACING AS REQUIRED. **PROVIDE TRACING OF EXT'G UNDERGROUND PIPING (SIZES, DEPTH & LOCATIONS) IN THE RENOVATION AREAS (INCLUDING THE EXT'G FLOOR DRAIN IN LOCKER ROOM B103) & SCANNING OF FLOOR SLAB AT THE AREA REQUIRED TRENCHING (FOR LOCATING UNDERGROUND ELECTRICAL CONDUITS) PRIOR TO TRENCHING** ALL FLOOR SCANNING SHALL BE BY LANDLORD'S APPROVED X-RAYING COMPANY. PROVIDE BACK FILLING & FLOOR RESURFACING AS REQUIRED.
- G.C. TO ALLOW TRENCHING AROUND EXT'G FLOOR DRAIN TO ALLOW REMOVAL & CAPPING OFF OF SANITARY DRAIN LINE BELOW FLOOR LEVEL. PROVIDE BACK FILLING & FLOOR RESURFACING AS REQUIRED.
- REMOVE EXT'G CONDENSATE PUMP & ITS ASSOCIATED CONDENSATE PIPING.
- EXT'G FLOOR HUB DRAIN TO REMAIN.
- REMOVE EXT'G SINK & CAP ALL ITS ASSOCIATED HW, CW & VENT LINES IN ADJACENT WOMEN'S LOCKER ROOM. PROVIDE NEW SHUTOFF VALVES ON THE CW & HW LINE FOR FUTURE.
- CAP OFF THE SINK DRAIN & TRAP SEAL PRIMER LINES BELOW FLOOR LEVEL. G.C. TO ALLOW TRENCHING AROUND EXT'G PIPING TO ALLOW REMOVAL & CAPPING OFF OF DRAIN & TRAP SEAL PRIMER LINES BELOW FLOOR LEVEL. PROVIDE BACK FILLING & FLOOR RESURFACING AS REQUIRED.
- REMOVE EXT'G FLEXIBLE WATER PIPING TO FRIDGE.
- EXT'G HOLE(S) THROUGH BLOCK WALL FROM REMOVED EXT'G AC CONDENSATE DRAIN LINE TO BE FILLED WITH CONCRETE.
- EXT'G HOLES NEAR FLOOR LEVEL THROUGH BLOCK WALL TO FILLED WITH CONCRETE OR FIRE RATED SEALANT. PROVIDE NEW HOLE OPENING AT HIGH LEVEL FOR RUNNING NEW VENT PIPING. SEAL ALL GAPS WITH FIRE RATED SEALANT AT THE END OF THE PROJECT.
- PROVIDE NEW COPPER CONDENSATE PIPING FROM A/C UNIT TO SHOWER ROOM WALL HUNG BASIN WITH A P-TRAP AT THE A/C UNIT. CONDENSATE LINE SHALL BE TIED TO THE BASIN DRAIN LINE UPSTREAM OF THE BASIN P-TRAP. CONDENSATE PIPING SHALL SLOPE TOWARDS THE BASIN. CONDENSATE PIPING SHALL BE EXTERNALLY INSULATED IN ROOMS B101, B109 & B107, WITH 1/2" PRE-MOLDED FIBRE GLASS INSULATION WITH VAPOUR BARRIER COVER.
- VENT PIPING PENETRATES THROUGH BLOCK WALL INTO MECHANICAL ROOM. SEAL ALL GAPS WITH FIRE RATED SEALANT. CONFIRM EXACT PENETRATION LOCATION WITH ENGINEER PRIOR TO ROUGH-IN.
- CONNECT NEW VENT LINE TO EXT'G VENT STACK. G.C. TO ALLOW CUTTING, PATCHING, PRIMING & PAINTING OF EXT'G DRYWALL CEILING TO ALLOW NEW VENT LINE CONNECTION AS REQUIRED.
- PLUMBING CONTRACTOR SHALL ARRANGE WITH FACILITIES MANAGEMENT FOR SHUT DOWN & FREEZING OF EXT'G MAIN BASEBUILDING COLD WATER, HOT WATER & HOT WATER RE-CIRCULATION LOOP LINES AS REQUIRED TO ALLOW NEW PLUMBING LINE TIE-INS. SHUT DOWN SHALL BE CARRIED OUT DURING OFF-HOURS ON (DAYS) & TIME(S) AS DIRECTED & AGREED UPON BY FACILITIES MANAGEMENT. PROVIDE NEW ISOLATION VALVES AS SHOWN.
- PROVIDE ALL NECESSARY HOT WATER BRANCH PIPING TO SERVE ALL PLUMBING FIXTURES IN THE THREE SHOWER ROOMS.
- PROVIDE NEW ELECTRONIC TRAP PRIMER VALVE 'TSPV', SIOUX CHIEF #695-ES05 C/W 5-WAY SPLITTER. CONNECT WATER SUPPLY TO THE NEW CW WATER LINE. RUN THREE (3) 1/2"Ø PRIMER LINES TO THE THREE (3) TYPE 'FD' FLOOR DRAINS.
- TRAP SEAL PRIMER VALVE SHALL BE HOUSED IN SURFACE MOUNT STEEL ACCESS BOX C/W HINGED METAL ACCESS DOOR #971-1414 & MOUNTED ON THE EXT'G BLOCK WALL.
- SEAL ALL GAPS AT PIPE PENETRATIONS IN BLOCK WALL WITH FIRE RATED SEALANT AT THE END OF THE PROJECT.
- PROVIDE VENT PIPING FOR ALL FLOOR DRAINS SHOWN ON THIS FLOOR PLAN.
- SEE NOTE #21 FOR THE PROVISION OF AUTOMATIC TRAP SEAL PRIMER VALVE TO SERVE ALL FLOOR DRAINS SHOWN ON THIS FLOOR PLAN.
- PROVIDE HOT WATER RECIRC. BALANCING VALVE. BALANCE THE HOT WATER RECIRC. FLOW RATE AS DIRECTED BY ENGINEER AT SITE.
- ALL GAPS AT NEW PIPING PENETRATION THROUGH EXT'G BLOCK WALL SHALL BE SEALED WITH FIRE RATED SEALANT.
- PROVIDE ALL NECESSARY COLD WATER BRANCH PIPING TO SERVE ALL PLUMBING FIXTURES IN THE THREE SHOWER ROOMS.

LEGEND

- NOTES:
- EQUIPMENT SHOWN DOTTED [ --- ] ARE EXISTING TO BE REMOVED. EQUIPMENT SHOWN [ --- ] ARE EXISTING TO REMAIN. EQUIPMENT SHOWN BOLD [ --- ] ARE NEW OR RELOCATED.
  - C CONDENSATE DRAIN LINE
  - ELBOW, TURNED DOWN AND TURNED UP
  - CAPPED CONNECTION
  - PIPE BREAK
  - CAP OFF SERVICE
  - BALL VALVE
  - COLD WATER LINE
  - HOT WATER LINE
  - HOT WATER RECIRC LINE
  - VENT LINE
  - BALANCING VALVE
  - SAN SANITARY LINE
  - SAN SANITARY LINE (UNDERGROUND)
  - CLEANOUT
  - FD FLOOR DRAIN
  - HD HUB DRAIN
  - P-TRAP
  - RE DENOTES RELOCATE
  - CTE DENOTES CONNECT TO EXISTING. (PROVIDE NEW CONNECTION TO PLUMBING LINE AS REQUIRED)
  - 2 DENOTES REFER TO NOTE 2.

PLUMBING FIXTURE CONNECTION SCHEDULE:

ITEM	DESCRIPTION	VENT	CW	HW	WASTE	COMMENTS
B-1 & B-2	NEW BASIN	1 1/2"	1/2"	1/2"	1 1/2"	
SH-1 & SH-2	NEW SHOWER FITTING	1 1/2"	1/2"	1/2"	2"	
WC-1 & WC-2	NEW WATER CLOSET (FLUSH VALVE)	1 1/2"	1/2"	-	3"	
FD	NEW 3" FLOOR DRAIN	1 1/2"	-	-	4"	



**Tanco Engineering Limited**  
Consulting Engineers

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	Jul 27, 2023	Issued for Permit



PROJECT:

**PEEL REGIONAL POLICE**

180 DERRY ROAD E.,  
MISSISSAUGA, ON

DRAWING TITLE

**PARTIAL BASEMENT FLOOR PLANS -  
PLUMBING**

SCALE: AS NOTED

DATE: JUL, 2023

DRAWN BY:

A.L.

PROJECT NO:

2325

DRAWING NO:

**M-2**



NOTES

- 1

ALL CONSTRUCTION WORK IN THE BUILDING MUST BE CARRIED OUT IN STRICT ACCORDANCE WITH OWNER'S RULES & REGULATIONS AND BE CLEARED THROUGH FACILITIES MANAGEMENT.
- 2

ALL SPRINKLER WORK SHALL BE PERFORMED BY OWNER'S APPROVED BASE BUILDING SPRINKLER CONTRACTOR. OBTAIN BASE BUILDING SPRINKLER CONTRACTOR CONTACT INFO FROM THE PRP PROJECT MANAGER PRIOR TO TENDER CLOSE.
- 3

PROVIDE ALL SPRINKLER HEADS AS SHOWN ON PLAN. VERIFY ALL SPRINKLER PIPE SIZES ON SITE. MAKE ALL NECESSARY PIPE SIZE CHANGES, & PROVIDE ADDITIONAL BRANCH SPRINKLER LINES AS REQUIRED TO SUIT NEW SPRINKLER LAYOUT. THIS DRAWING SHOWS ONLY SPRINKLER LAYOUT FOR COORDINATION WITH LIGHTING & SHALL BE READ IN CONJUNCTION WITH NORRIS FIRE'S DRAWING 'FP-01'.  
  
SPRINKLER CONTRACTOR SHALL COORDINATE SPRINKLER HEAD & PIPING INSTALLATION WITH ELECTRICAL, HVAC, PLUMBING & GENERAL CONTRACTORS TO PREVENT INTERFERENCES.
- 4

COORDINATE SPRINKLER HEAD INSTALLATION WITH ELECTRICAL, MECHANICAL & GENERAL CONTRACTORS TO PREVENT CONFLICT WITH LIGHTING & HVAC INSTALLATION & CEILING TILE REPLACEMENT.
- 5

EXT'G FIRE EXTINGUISHER CABINET & ITS ASSOCIATED FIRE EXTINGUISHER TO REMAIN AS-IS.
- 6

RELOCATE EXT'G FIRE EXTINGUISHER CABINET & ITS ASSOCIATED FIRE EXTINGUISHER TO NEW LOCATION AS SHOWN.
- 7

REMOVE EXT'G FIRE EXTINGUISHER CABINET & ITS ASSOCIATED FIRE EXTINGUISHER. G.C TO ALLOW FILLING IN OF HOLE WITH CEMENT PRIOR TO BUILD-OUT OF NEW WALL.

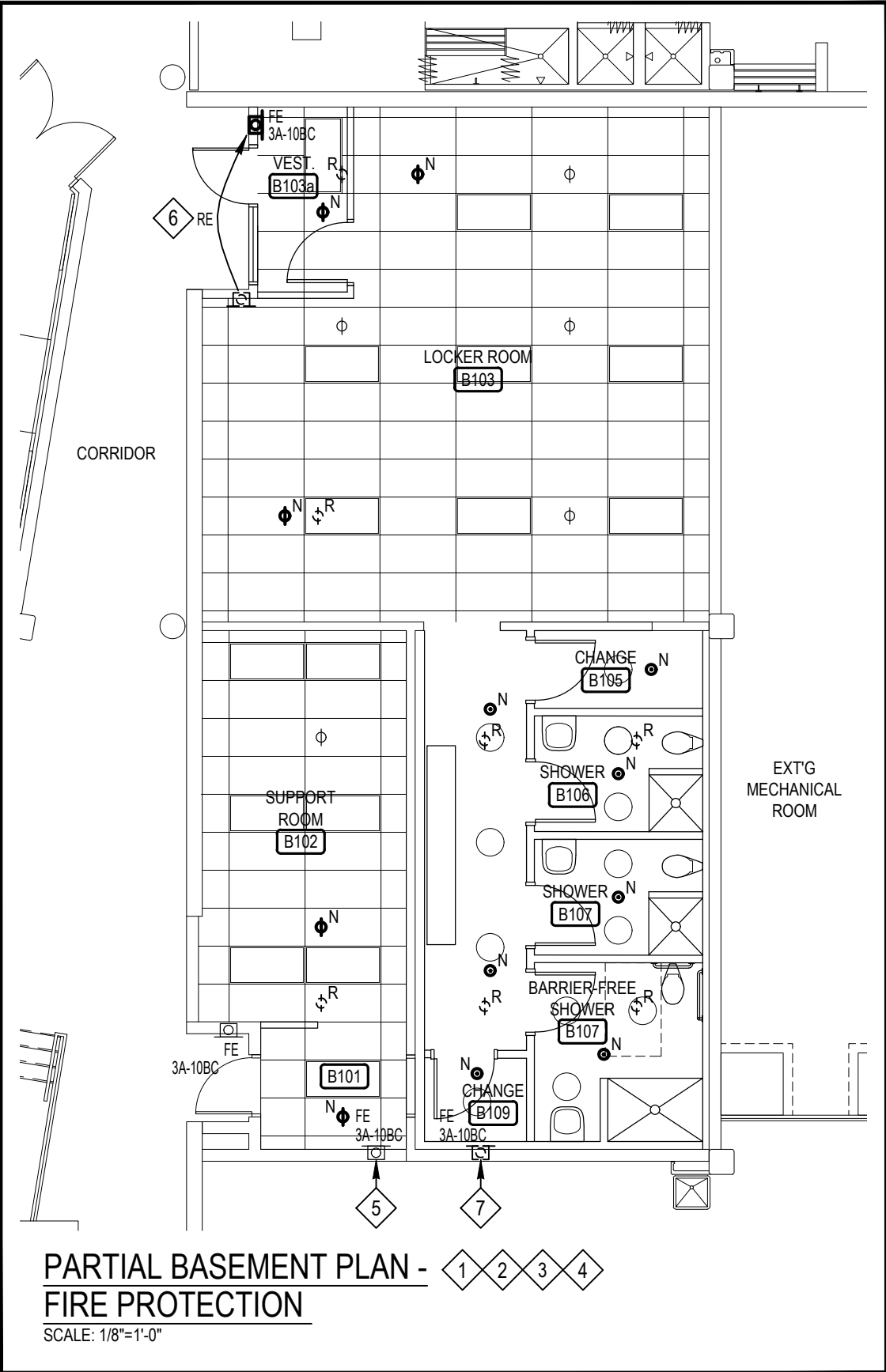
LEGEND

- NOTES: EQUIPMENT SHOWN DOTTED [ - - - ] ARE EXISTING TO BE REMOVED. EQUIPMENT SHOWN [ — ] ARE EXISTING TO REMAIN. EQUIPMENT SHOWN BOLD [ — ] ARE NEW OR RELOCATED.
- SPRINKLER HEAD - FULLY RECESSED  
(N=NEW, R=REMOVE)
- SPRINKLER HEAD - SEMI-RECESSED  
(N=NEW, R=REMOVE)
- FE

FIRE EXTINGUISHER CABINET  
(3A-10BC - RATING)
- RE
- DENOTES RELOCATE

2

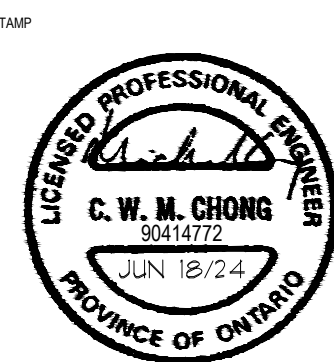
DENOTES REFER TO NOTE 2.



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	Mar 4, 2024	Issued for Review



PROJECT:

**PEEL REGIONAL POLICE**

180 DERRY ROAD E.,  
MISSISSAUGA, ON

DRAWING TITLE

**PARTIAL BASEMENT FLOOR PLAN -  
FIRE PROTECTION**

SCALE	AS NOTED	DATE	FEB 2024
DRAWN BY	A.L.	PROJECT NO.	2325

DRAWING NO.

**M-3**



FAN POWERED BOX SCHEDULE:												
TYPE	DESCRIPTION	MANUFACTURER	MODEL No.	PRIMARY AIR INLET	MAX. COOLING AIR FLOW (CFM)	MIN. COOLING AIR FLOW (CFM)	HEATING AIR FLOW (CFM)	GPM	FAN MOTOR	VOLTAGE	ESP (TW)	REMARKS
FPB-1	NEW FAN POWERED BOX	TRANE	VSWF120U-DD07AD1ZB1	12"	1580	160	1580	2.0	PSC	120V1PH	0.125	SEE NOTES #1 & 32

NOTES:

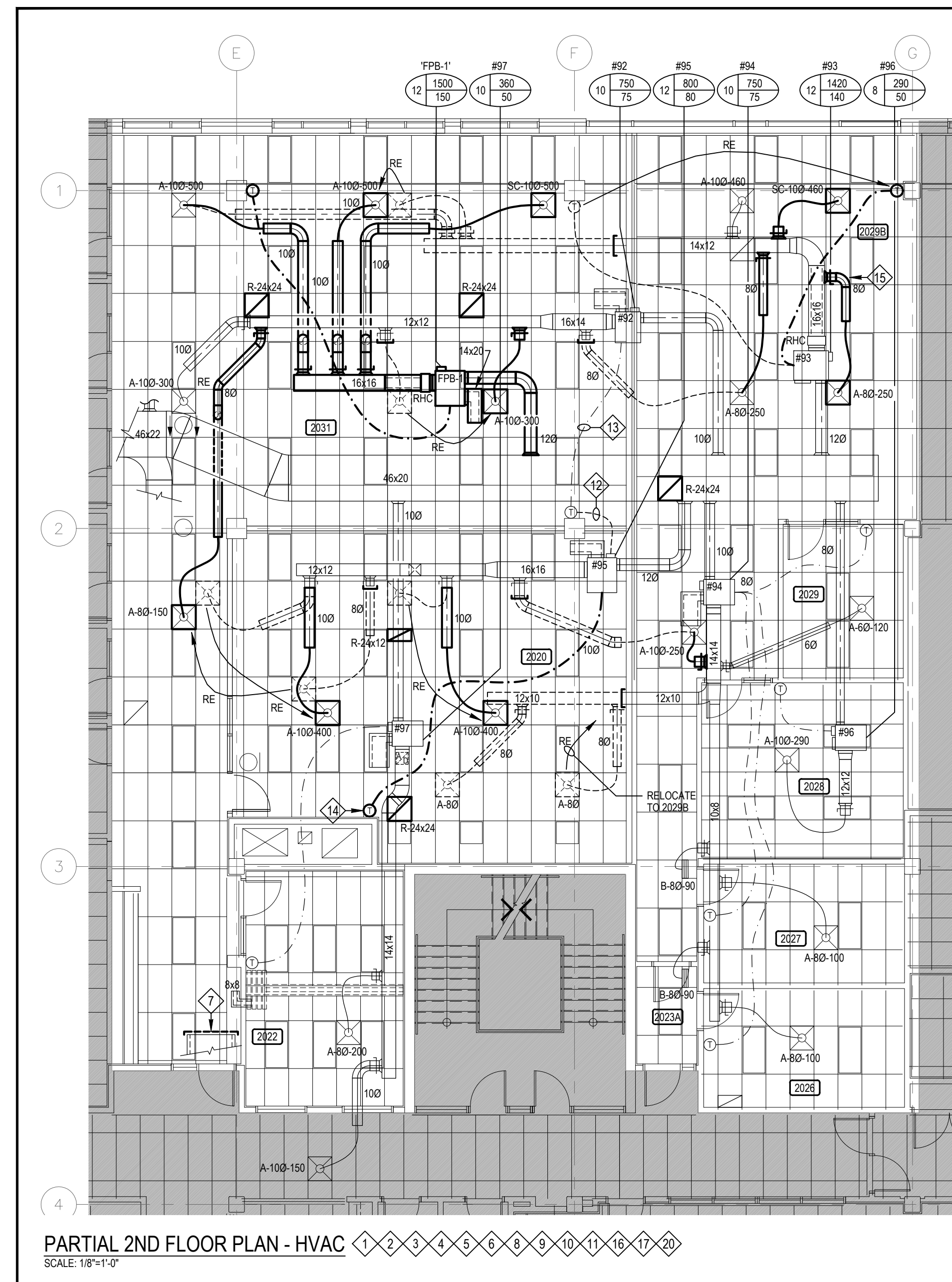
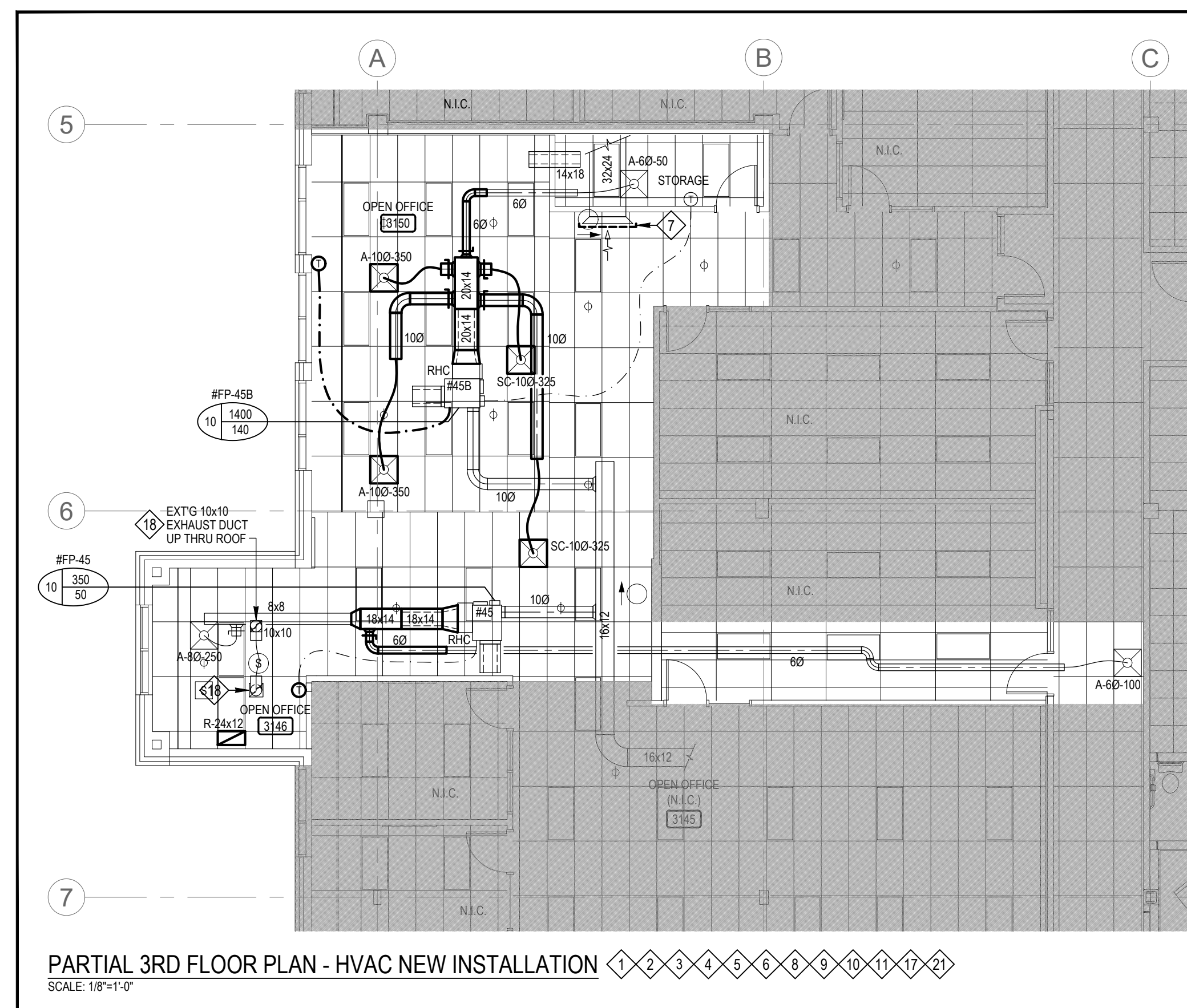
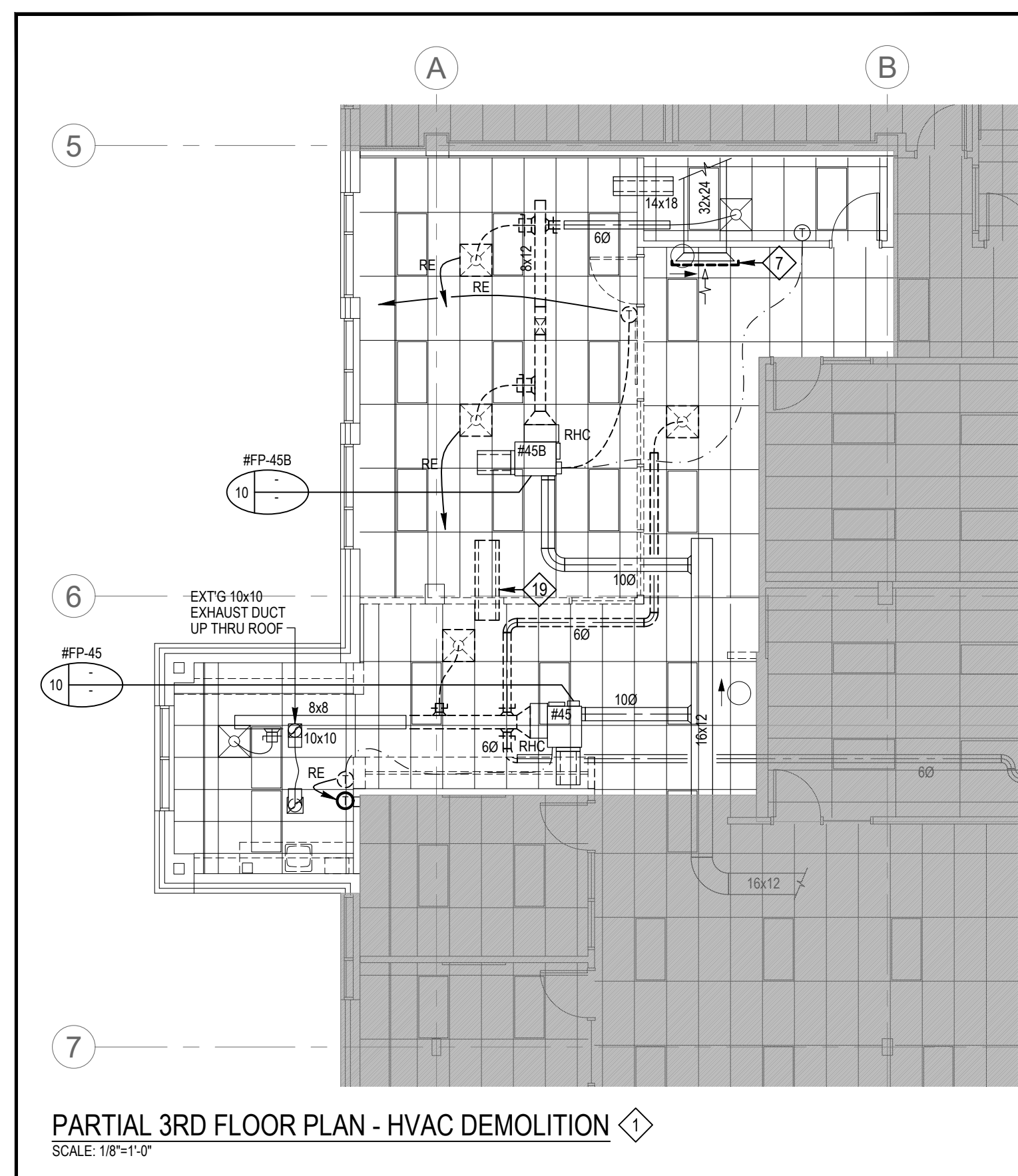
1. NEW FAN POWERED BOX SHALL BE COMPLETE WITH ELECTRONIC CONTROLLER, STANDARD PSC MOTOR, FAN SIZE 07SQ, 1-ROW HEATING WATER REHEAT COIL (PLENUM INLET INSTALLED RH), VIBRATION ISOLATORS, 3" DISCHARGE ATTENUATOR, FLANGED OUTLET, 1" DISPOSABLE FILTER AT RETURN AIR OPENING & TEMPERATURE SENSOR TO MATCH EXTG. PROVIDE PLENUM-RATED CONTROL WIRING.

2. PROVIDE 2-WAY CONTROL VALVE C/W JOHNSON CONTROLS ACTUATOR #VA-8020-2 OR BELIMO CONTROL ACTUATOR #B222/TR24-3T3 US, MATCH BUILDING STANDARD.

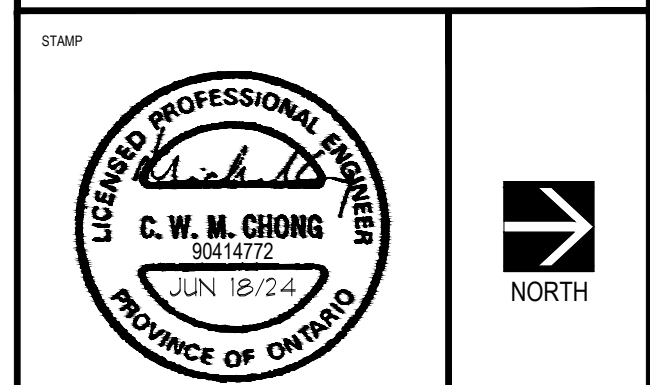
DIFFUSER & GRILLE SCHEDULE:					
DESIGNATION	MANUFACTURER	MODEL No.	CEILING TYPE	REMARKS	EQUAL
A	-	-	T-BAR	EXT'G 24"x24" SQUARE CONE DIFFUSER / 3-CONE / OFF-WHITE FINISH / INLET SIZE AS SHOWN ON FLOOR PLAN	
SC	E.H. PRICE	24"x24"/SCD	T-BAR	NEW 24"x24" SQUARE CONE DIFFUSER / 3-CONE / OFF-WHITE FINISH INLET SIZE AS SHOWN ON FLOOR PLAN	NAILOR, TITUS
R	E.H. PRICE	80 SERIES	T-BAR	NEW EGGRATE FACE RETURN GRILLE/ WHITE FINISH/ SIZE AS SHOWN ON DRAWING	NAILOR, TITUS

- ## NOTES

- |   |   |    |  |
|---|---|----|--|
| 1 | ALL CONSTRUCTION WORK IN THE BUILDING MUST BE CARRIED OUT IN STRICT ACCORDANCE WITH OWNER'S RULES & REGULATIONS AND BE CLEARED THROUGH FACILITIES MANAGEMENT.   | 10 | NOTE THAT ALL FAN POWERED BOXES ARE COMPLETE WITH TRANS TRACER SYSTEM. ALL HVAC CONTROL WORK (INCLUDING ALL NEW DDC CONTROLLER, PROGRAMMING, BAS CONTROL GRAPHICS UPDATE, CONTROL HARDWARES & WIRING, RELOCATION OF TEMPERATURE SENSORS, ETC.) SHALL BE PERFORMED BY BASE BUILDING HVAC CONTROL CONTRACTOR (TRANE). HVAC CONTRACTOR SHALL OBTAIN BASE BUILDING HVAC CONTROL CONTRACTOR CONTACT INFORMATION FROM FRP PROJECT MANAGER PRIOR TO TENDER CLOSE.   |
| 2 | PROVIDE ADDITIONAL CROSS TEES FOR ALL DIFFUSERS & AIR GRILLES AS REQUIRED.  | 11 | VERIFY TEMPERATURE SENSOR EXIST MOUNTING HEIGHTS & LOCATIONS WITH ENGINEER & INTERIOR DESIGNER AT SITE PRIOR TO ROUGH-IN FOR THE PURPOSE OF AVOIDING INTERFERENCE WITH FURNITURE. PROVIDE NEW DYMO TAPE IDENTIFICATION NUMBER ON BOTTOM OF NEW & EXIST TEMPERATURE SENSOR & ON T-BAR BELOW ITS ASSOCIATED FAN POWERED BOX LOCATION. DYMO TAPE ON UNDERSIDE OF T-BAR SHALL BE 3/8" HIGH, WHITE BACKGROUND WITH 1/4" HIGH BLACK TEXT. DYMO TAPE ON TEMPERATURE SENSOR SHALL BE 1/4" WIDTH, WHITE BACKGROUND WITH 3/16" HIGH BLACK TEXT (ADJUST TAPE AND FONT DIMENSIONS TO FIT DEDICATED DIMENSION OF SENSOR AS REQUIRED). CONFIRM EXIST NUMBERS WITH BUILDING OPERATOR. |
| 3 | ALL NEW DUCT CONNECTIONS (JOINTS & SEAMS) ARE TO BE SEALED WITH DUCT SEALER TO PROVIDE AN AIR TIGHT DUCT SYSTEM. DUCT TAPE IS NOT ACCEPTABLE. PROVIDE AIR RETURN WHEN BASE BUILDING AIR HANDLING UNITS ARE OFF.   | 12 | REMOVE INTERLOCKING CONTROL BETWEEN EXIST FAN POWERED BOX #95 & THIS EXIST TEMPERATURE SENSOR.   |
| 4 | ALL UNUSED SPIN-ON OR DUCTWORK OPENINGS SHALL BE CAPPED OFF.  | 13 | EXIST INTERLOCKING CONTROL BETWEEN EXIST FAN POWERED BOX #92 & THIS EXIST TEMPERATURE SENSOR SHALL REMAIN. PROVIDE NEW CONTROL WIRING AS REQUIRED. NEW CONTROL WIRING SHALL BE PLENUM RATED).  |
| 5 | UNLESS OTHERWISE SHOWN, NEW FLEXIBLE DUCTWORK TO HAVE A MAXIMUM LENGTH OF 3M (10'). CONNECT DUCTWORK TO DIFFUSERS AND RETURN DUCTWORK WITH A MINIMUM OF 3 TAPPING SECTIONS. SEAL WITH DUCT SEALER AND WRAP WITH GLASS FAB TAPE. FLEXIBLE DUCTWORK TO BE SUPPORTED FROM BUILDING STRUCTURE WHERE IT IS NOT SELF-SUPPORTING AND MUST NOT BE ALLOWED TO LIE ON CEILING OR OTHER EQUIPMENT. | 14 | PROVIDE NEW TEMPERATURE SENSOR & NEW CONTROL WIRING FOR FAN POWERED BOX #95. NEW TEMPERATURE SENSOR SHALL MATCH EXIST. NEW CONTROL WIRING SHALL BE PLENUM RATED.   |
| 6 | HVAC CONTRACTOR SHALL COORDINATE ALL DUCTWORK INSTALLATION WITH ELECTRICAL, SPRINKLER, & GENERAL CONTRACTORS PRIOR TO ROUGH-IN TO AVOID INTERFERENCE.   | 15 | CONNECT THE 8" SPIN ON AS FAR DOWNSTREAM AS POSSIBLE ON THE 16"X16" DUCT.  |
| 7 | PROVIDE TEMPORARY FILTERS WITH MERV 8 RATING AT EXIST DUCT OPENING FOR THE DURATION OF THE CONSTRUCTION. REPLACE AS REQUIRED DURING CONSTRUCTION MONTHLY OR IF DAMAGED. REMOVE TEMPORARY FILTER PRIOR TO AIR BALANCING AT THE END OF THE PROJECT.   | 16 | ALL DUCTS UPSTREAM OF FAN POWERED BOXES SHALL BE EXTERNALLY INSULATED TO MATCH EXIST.  |
| 8 | AT THE END OF PROJECT, WIFE A VACUUM CLEAN THE SURFACE OF ANY EXIST & NEW DIFFUSERS & RETURN AIR GRILLES FOUND TO BE DIRTY.   | 17 | ALL FLEXIBLE DUCTS TO DIFFUSERS SHALL BE EXTERNALLY INSULATED TO MATCH EXIST.  |
| 9 | PROVIDE AIR BALANCING FOR ALL TRANS FAN POWERED BOXES SHOWN ON THIS FLOOR PLAN. ARRANGE & PAY FOR BASE BUILDING HVAC CONTROL CONTRACTOR (TRANE) TECHNICIAN TO BE PRESENT AT SITE DURING AIR BALANCING FOR CALIBRATION OF FAN POWERED BOX CONTROLLERS. WORK FOR AIR BALANCING TO BE COMPLETED WITHIN 6 MONTHS FROM THE END OF THE PROJECT FOR FUTURE AIR FLOW ADJUSTMENT.                | 18 | EXIST EXHAUST DUCT & EXHAUST FAN TO REMAIN AS-IS.  |
|   |   | 19 | REMOVE EXIST TRANSFER AIR DUCT.  |



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PROJECT:

**PEEL REGIONAL POLICE**

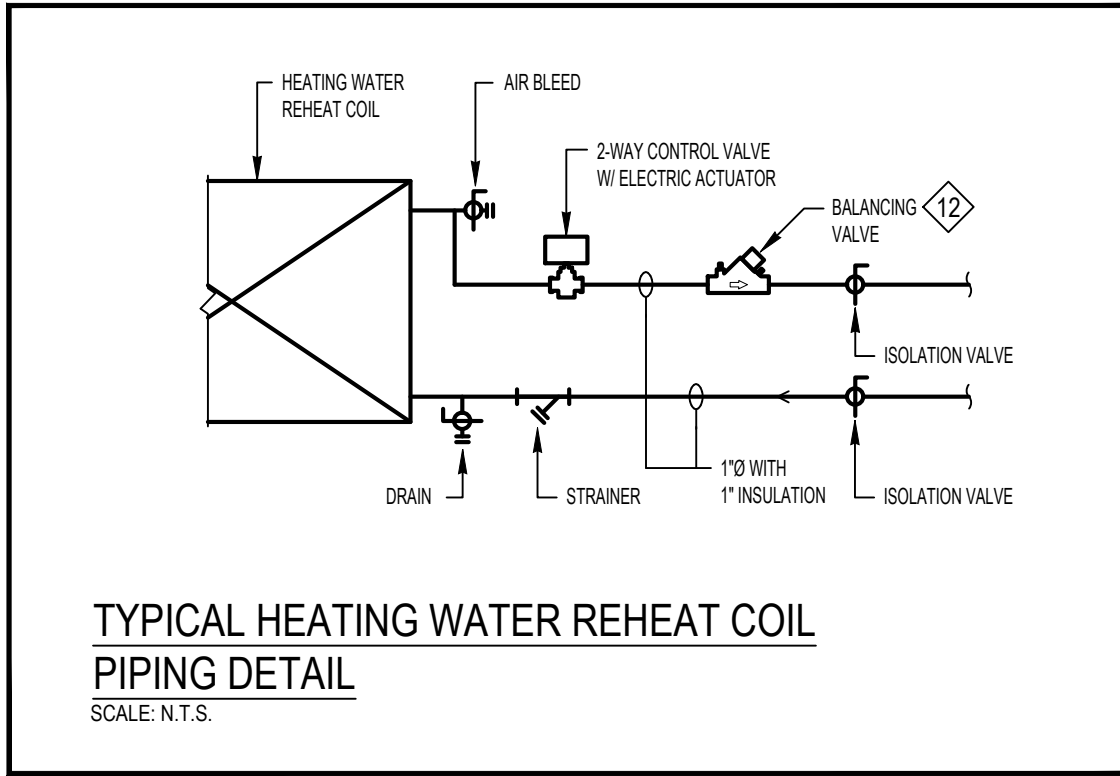
180 DERRY ROAD E.,  
MISSISSAUGA, ON

DRAWING TITLE

PARTIAL 2ND & 3RD FLOOR PLANS -  
HVAC

SCALE  AS NOTED	DATE  FEB 2024
DRAWN BY  A.L.	PROJECT NO.  2325
DRAWING NO.  M-4	



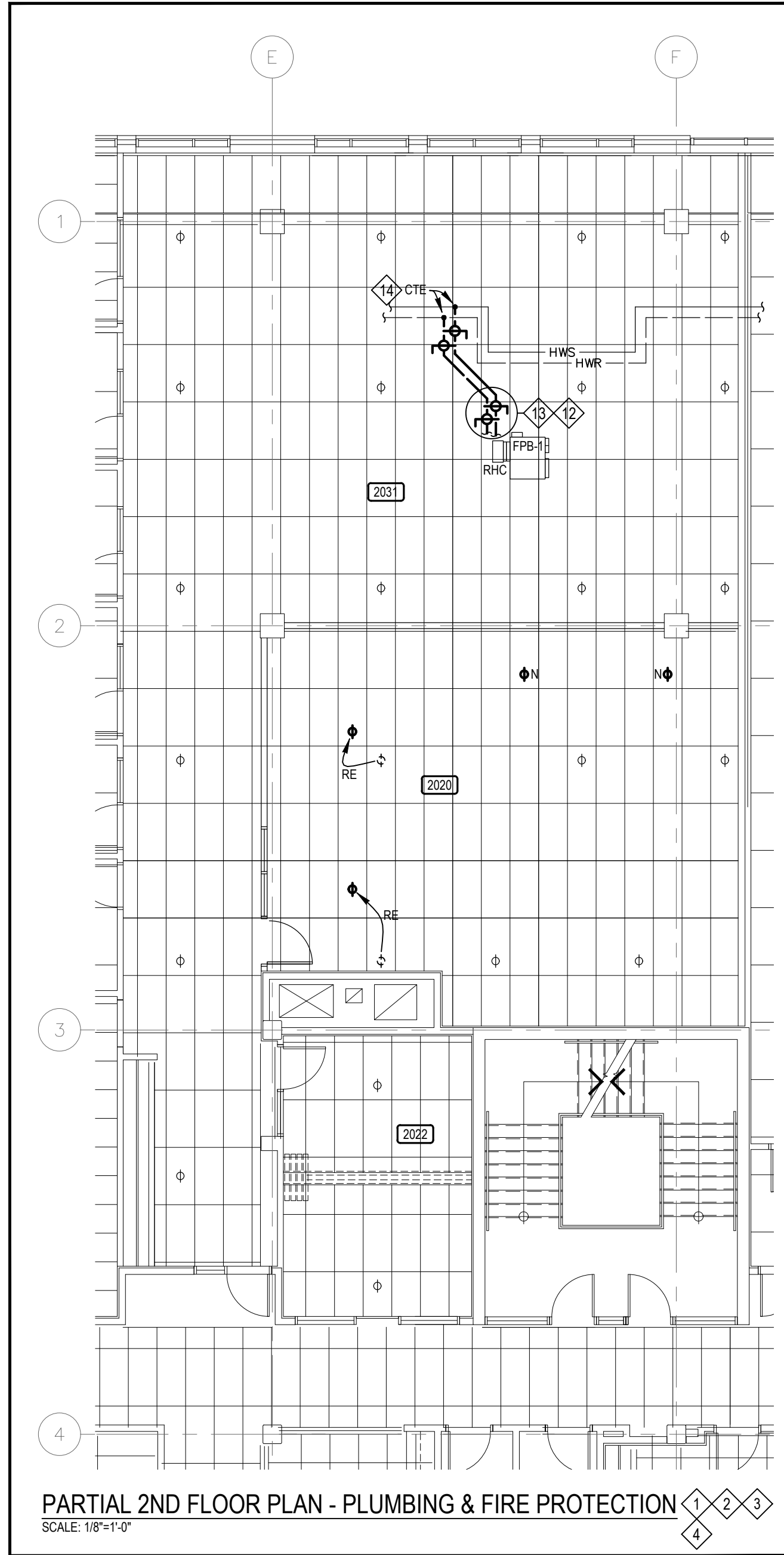
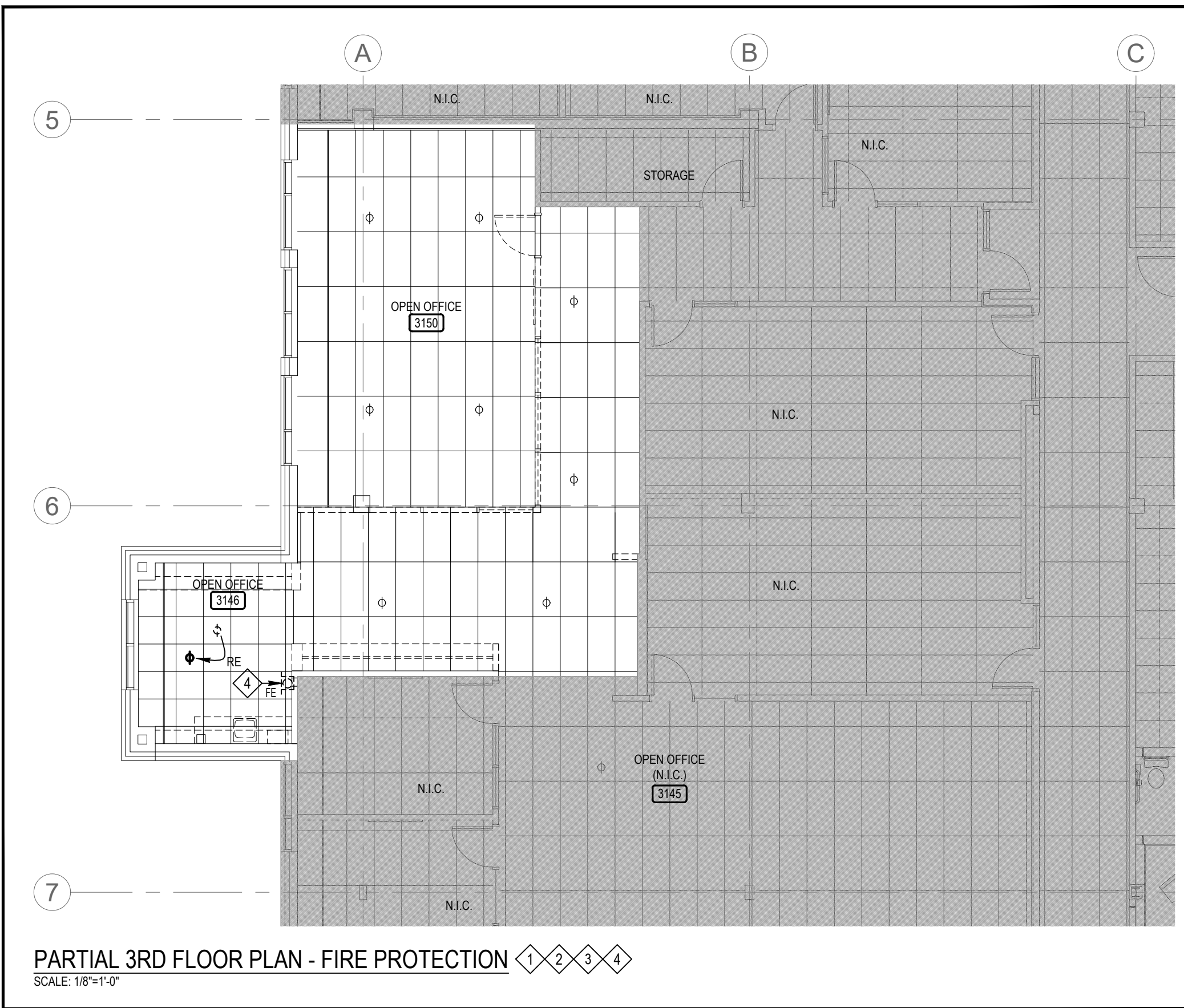
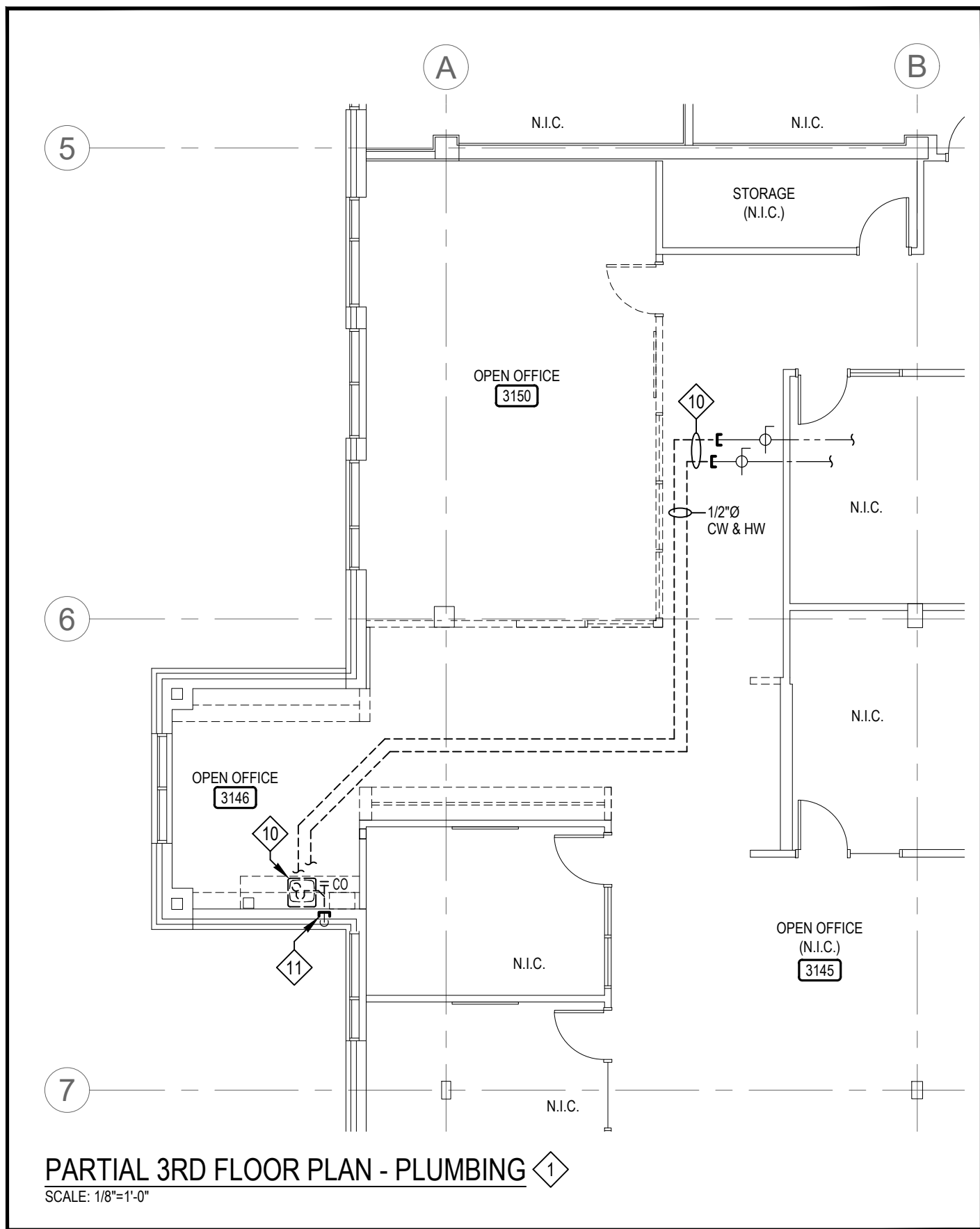


#### NOTES

- ALL CONSTRUCTION WORK IN THE BUILDING MUST BE CARRIED OUT IN STRICT ACCORDANCE WITH OWNER'S RULES & REGULATIONS AND BE CLEARED THROUGH FACILITIES MANAGEMENT.
- ALL SPRINKLER WORK SHALL BE PERFORMED BY OWNER'S APPROVED BASE BUILDING SPRINKLER CONTRACTOR. OBTAIN BASE BUILDING SPRINKLER CONTRACTOR CONTACT INFO FROM THE PRP PROJECT MANAGER PRIOR TO TENDER CLOSE.
- PROVIDE ALL SPRINKLER HEADS AS SHOWN ON PLAN. VERIFY ALL SPRINKLER PIPE SIZES ON SITE. MAKE ALL NECESSARY PIPE SIZE CHANGES, & PROVIDE ADDITIONAL BRANCH SPRINKLER LINES AS REQUIRED TO SUIT NEW SPRINKLER LAYOUT. THIS DRAWING SHOWS ONLY SPRINKLER LAYOUT FOR COORDINATION WITH LIGHTING ONLY & SHALL BE READ IN CONJUNCTION WITH NORRIS FIRE'S DRAWING 'FP-1'.  
  
SPRINKLER CONTRACTOR SHALL COORDINATE SPRINKLER HEAD & PIPING INSTALLATION WITH ELECTRICAL, HVAC, PLUMBING & GENERAL CONTRACTORS TO PREVENT INTERFERENCES.
- REMOVE EXT'G FIRE EXTINGUISHER & ASSOCIATED CABINET. TURNOVER THEM TO OWNER.
- REMOVE EXT'G SINK & CAP ALL ITS ASSOCIATED HW & CW LINES AT LOCATIONS AS SHOWN. EXT'G COLD WATER & HOT WATER SHUTOFF VALVES IN CEILING SPACE TO REMAIN FOR FUTURE.
- REMOVE EXT'G FLEXIBLE WATER PIPING TO FRIDGE.
- CAP OFF SANITARY LINE INSIDE WALL. CONTRACTOR TO ALLOW PATCHING, PRIMING & PAINTING OF DRYWALL AS REQUIRED.
- BALANCE THE HEATING WATER FLOW TO THE VALVE INDICATED ON THE FAN POWERED BOX SCHEDULE.
- PROVIDE NEW HEATING WATER SUPPLY & RETURN PIPING FOR NEW FAN POWERED BOX UNIT. NEW HEATING WATER SUPPLY & RETURN PIPING SHALL BE EXTERNALLY INSULATED WITH 1\"/>
- PROVIDE HOT-TAPPING TO CONNECT NEW HEATING WATER SUPPLY & RETURN PIPING TO THE EXT'G.

#### LEGEND

- NOTES: EQUIPMENT SHOWN DOTTED [ --- ] ARE EXISTING TO BE REMOVED. EQUIPMENT SHOWN [ --- ] ARE EXISTING TO REMAIN. EQUIPMENT SHOWN BOLD [ --- ] ARE NEW OR RELOCATED.
- SPRINKLER HEAD - SEMI-RECESSED (N-NEW; R-REMOVE)
  - FIRE EXTINGUISHER C/W MOUNTING BRACKET (2A-10BC - RATING, CO2 - 220 TYPE)
  - RE DENOTES RELOCATE
  - COLD WATER LINE
  - HOT WATER LINE
  - V VENT LINE
  - HWS HEATING WATER SUPPLY LINE
  - HWR HEATING WATER RETURN LINE
  - BALL VALVE
  - CONTROL VALVE
  - STRAINER
  - REDUCER
  - FLANGE
  - PIPE BREAK
  - CAP OFF SERVICE
  - ELBOW, TURNED DOWN AND TURNED UP
  - CLEANOUT
  - CTE DENOTES CONNECT TO EXISTING. (PROVIDE NEW CONNECTION TO PLUMBING LINE AS REQUIRED)
  - 2 DENOTES REFER TO NOTE 2.



#### Tanco Engineering Limited

Consulting Engineers

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STAMP



PROJECT:

PEEL REGIONAL POLICE

180 DERRY ROAD E.,  
MISSISSAUGA, ON

DRAWING TITLE:

PARTIAL 2ND & 3RD FLOOR PLANS -  
PLUMBING & FIRE PROTECTION

SCALE:

AS NOTED

DATE:

FEB 2024

DRAWN BY:

A.L.

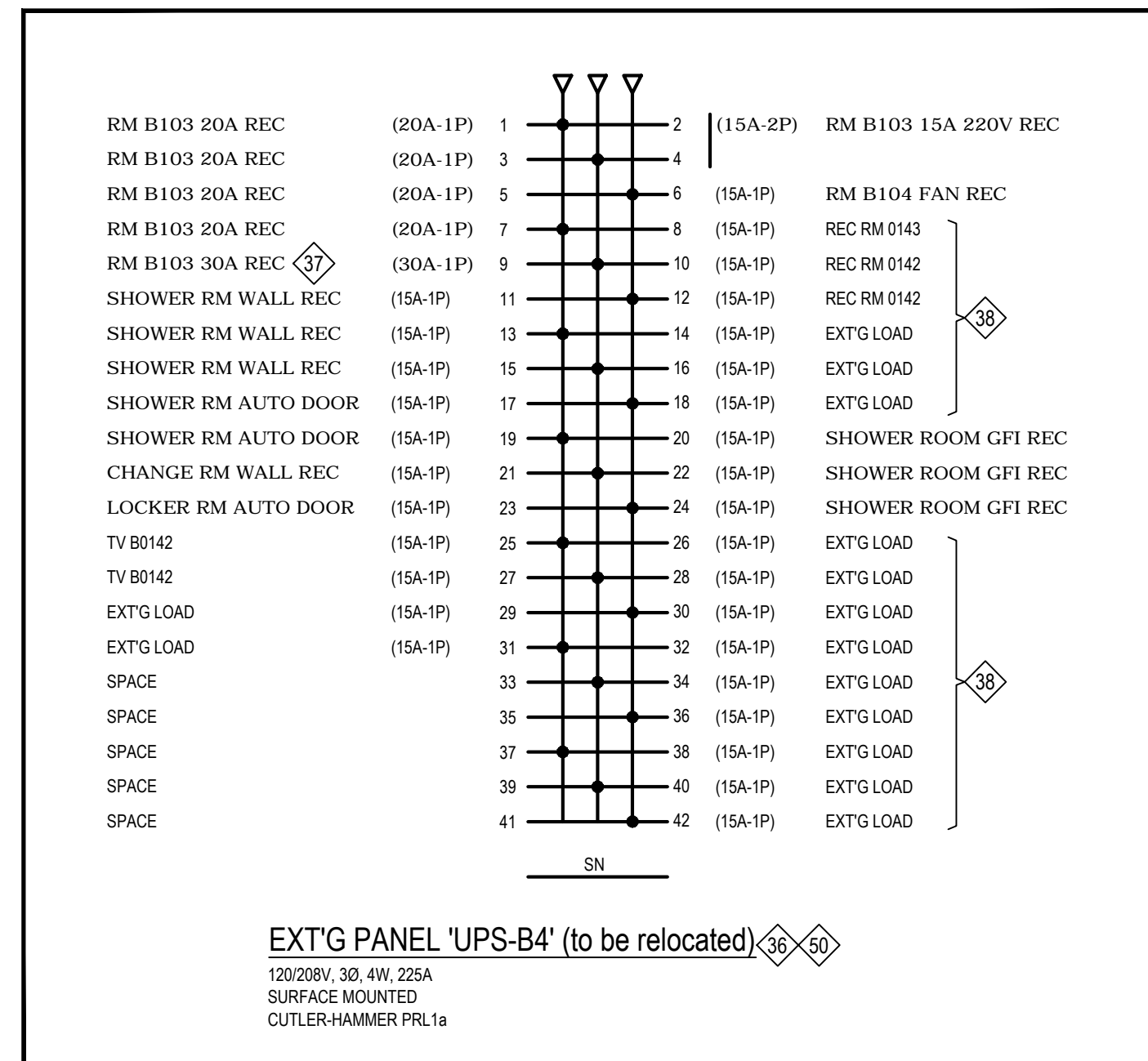
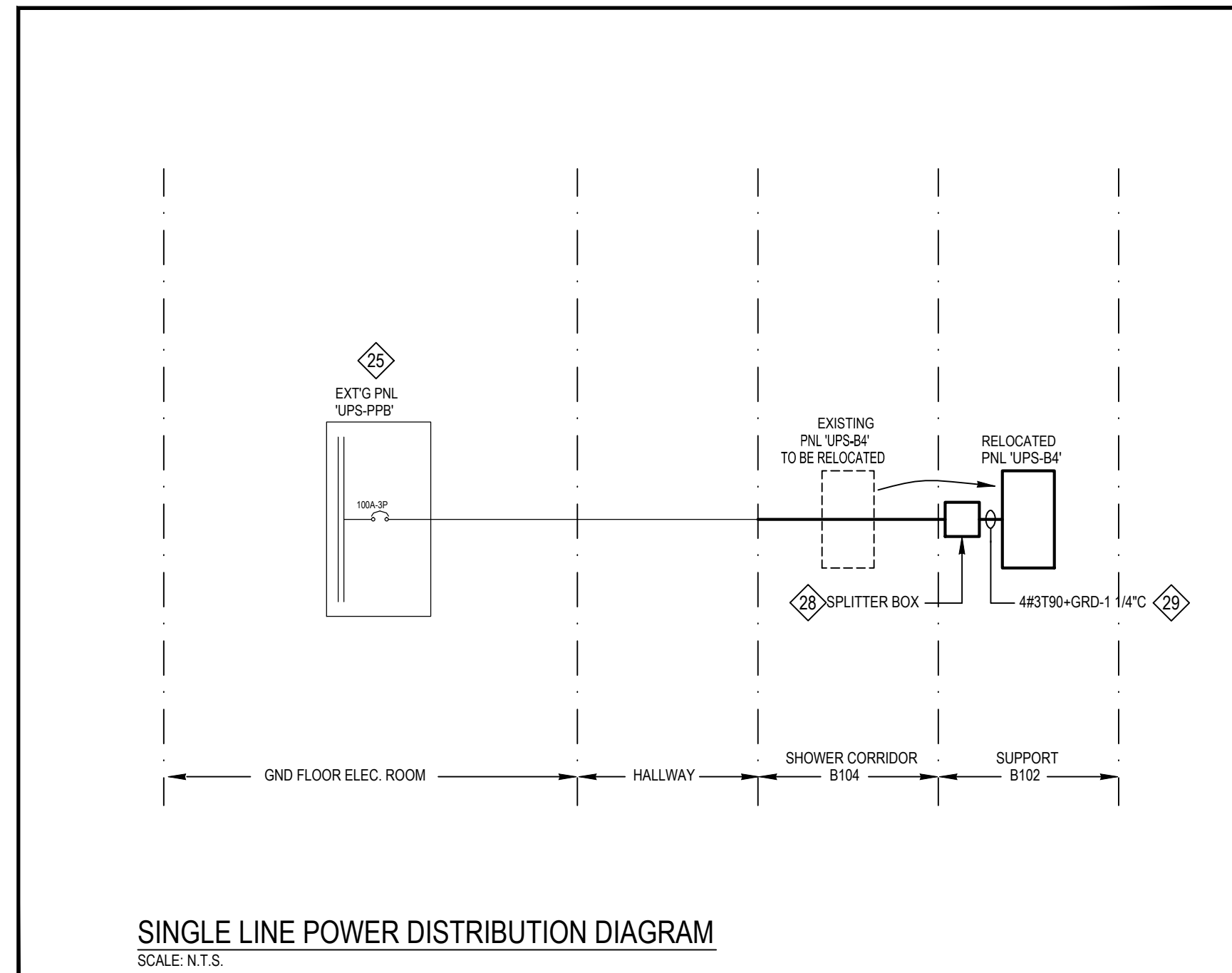
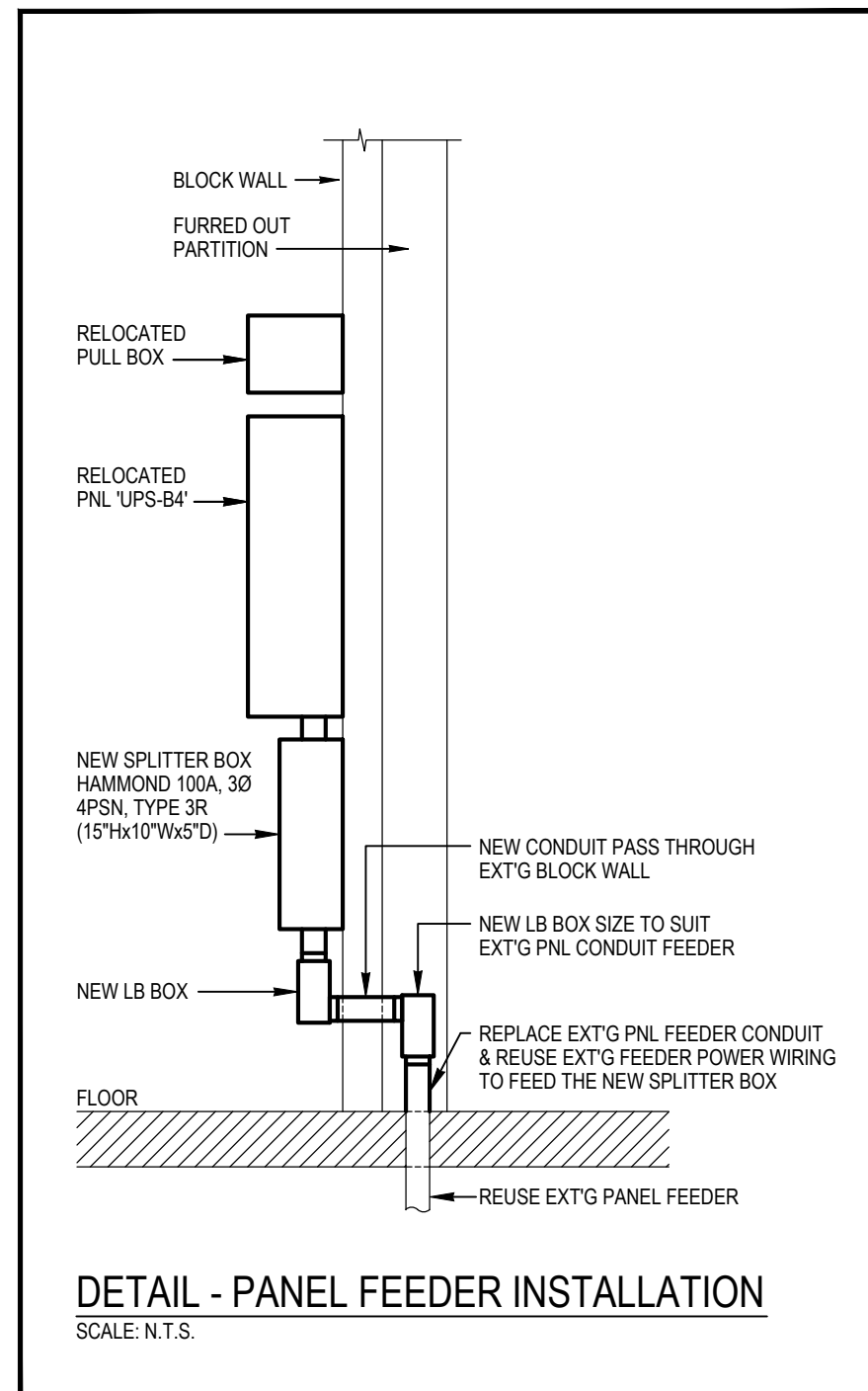
PROJECT NO.:

2325

DRAWING NO.:

M-5





## NOTES

1. FOR NOTES ON THIS DRAWING, SEE NOTES COLUMN ON DRAWING E-2.

### LEGEND

NOTES: EQUIPMENT SHOWN DOTTED [ --- ] ARE EXISTING TO BE REMOVED. EQUIPMENT SHOWN [ ——— ] ARE EXISTING TO REMAIN. EQUIPMENT SHOWN BOLD [ **———** ] ARE NEW OR RELOCATED.

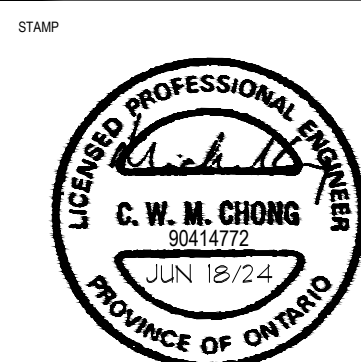
- |   |  |
|---|--|
|    | NEW OR RELOCATED FLUORESCENT OR LED LUMINAIRE. REFER TO LUMINAIRE SCHEDULE.  |
|    | LIGHTING FIXTURE CONNECTED TO EMERGENCY LIGHTING CIRCUIT.  |
|    | EXISTING FLUORESCENT OR LED LUMINAIRE  |
|    | EXISTING TO BE REMOVED FLUORESCENT OR LED LUMINAIRE  |
|    | INCANDESCENT, PL OR LED LUMINAIRE.   |
|    | EXIT LIGHTS.   |
|    | SINGLE POLE. SINGLE THROW TOGGLE SWITCH. (F DENOTES FAN, L V DENOTES LOW VOLTAGE, 3 DENOTES 3-WAY, M DENOTES MASTER)                 |
|    | LOW VOLTAGE LIGHT SWITCH.  |
|    | DIMMER.  |
|    | LEVITON ECS00 SERIES EMERGENCY LIGHTING CONTROL RELAY.   |
|    | 120V CONNECTION TO EQUIPMENT.  |
|    | 208V 1Ø CONNECTION TO EQUIPMENT.   |
|    | 230V 1Ø CONNECTION TO EQUIPMENT.   |
|    | 600V 3Ø CONNECTION TO EQUIPMENT.   |
|    | DISCONNECT SWITCH.   |
|    | 15A-125V 2P-3W GROUNDED DUPLEX RECEPTACLE, WALL MOUNTED.   |
|    | 15A-125V 2P-3W GROUNDED QUADRAPLEX RECEPTACLE, WALL MOUNTED.   |
|    | 20A-125V 2P-3W (5-20RA) GROUNDED DUPLEX RECEPTACLE, WALL MOUNTED.  |
|    | 20A-125V 2P-3W (5-20RA) GROUNDED QUAD RECEPTACLE, WALL MOUNTED.  |
|    | 15A-250V 2P-3W (15-15R) GROUNDED SINGLE RECEPTACLE, WALL MOUNTED.  |
|    | 30A-250V 2P-3W GROUNDED SINGLE RECEPTACLE, WALL MOUNTED.   |
|    | IN-CEILING QUAD RECEPTACLE.  |
|    | P.A. SPEAKER.  |
|    | JUNCTION BOX MOUNTED IN CEILING SPACE.   |
|    | WALL MOUNTED TELEPHONE OUTLET C/W FISH WIRE & FACEPLATE.   |
|    | WALL MOUNTED DATA OUTLET C/W FISH WIRE & FACEPLATE. UNLESS OTHERWISE NOTED, PROVIDE 1" FROM EACH OUTLET TO ACCESSIBLE CEILING SPACE. |
|    | IN-CEILING DATA OUTLET.  |
|   | COMBINATION TELEPOWER SERVICE POLE C/W 2 DUPLEX RECEPTACLES AND COMMUNICATIONS OPENINGS.   |
|  | CEILING MOUNTED FIRE ALARM SPEAKER.  |
|  | DENOTES PUSH BUTTON.   |
|  | DENOTES ELECTRIC STRIKE.   |
|  | DENOTES DOOR CONTACTOR.  |
|  | DENOTES CARD READER.   |
|  | DENOTES REQUEST-FOR-EXIT.  |
|  | SURFACE MOUNTED DOUBLE GANG JUNCTION BOX C/W 1 1/4" FROM JUNCTION BOX STUBBED UP.  |
| GF  | DENOTES GROUND FAULT INTERRUPTOR.  |
| CH  | DENOTES MOUNTED 6" ABOVE COUNTER TOP OR SPLASHBACK.  |
| +42"  | DENOTES TO BE INSTALLED 42" ABOVE FINISHED FLOOR.  |
|  | DENOTES NOTE 2.  |
|  | DENOTES MECHANICAL EQUIPMENT EF-1.   |



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PROJECT:

**PEEL REGIONAL POLICE**

180 DERRY ROAD E.,  
MISSISSAUGA, ON

DRAWING TITLE

## LEGEND & SCHEDULES

SCALE	DATE
AS NOTED	JUN. 2023

DRAWN BY A Z	PROJECT NO. 2325
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DRAWING NO. E 1



1. WHITE FINISH RECEPTACLE: PANEL 'PB2' (BASEMENT), PANEL 'PS2' (2ND FLOOR), & PANEL 'PT5' (3RD FLOOR)
2. GREYISH-BLUE FINISH RECEPTACLE: PANEL 'UPS-B4' (BASEMENT), PANEL 'UPS-S2' (2ND FLOOR), & PANEL 'UPS-T3' (3RD FLOOR)
3. GREY FINISH RECEPTACLE: PANEL 'EPB1' (BASEMENT), PANEL 'EPS1' (2ND FLOOR), & PANEL 'EPT2' (3RD FLOOR)

- 15 ELECTRICAL CONTRACTOR SHALL REMOVE ALL UNUSED & ABANDONED DATA/VOICE WIRING LEFT BY THE PREVIOUS OCCUPANT INCLUDING BUT NOT LIMITED TO THE ONES IN THE CEILING SPACE OF THE RENOVATED SPACE. ALL THE REMOVED ELECTRICAL DEVICES & COMPONENTS SHALL BE DISPOSED FROM THE SITE AT THE END OF THE PROJECT.

- 22** DELETED.

- 31 REMOVE EXT'G COMMUNICATION CABLES & MANAGEMENT DUCT. REMOVE THE ASSOCIATED DOWN STEAM COMMUNICATION PATCH PANELS (IN PLENUM SPACE).

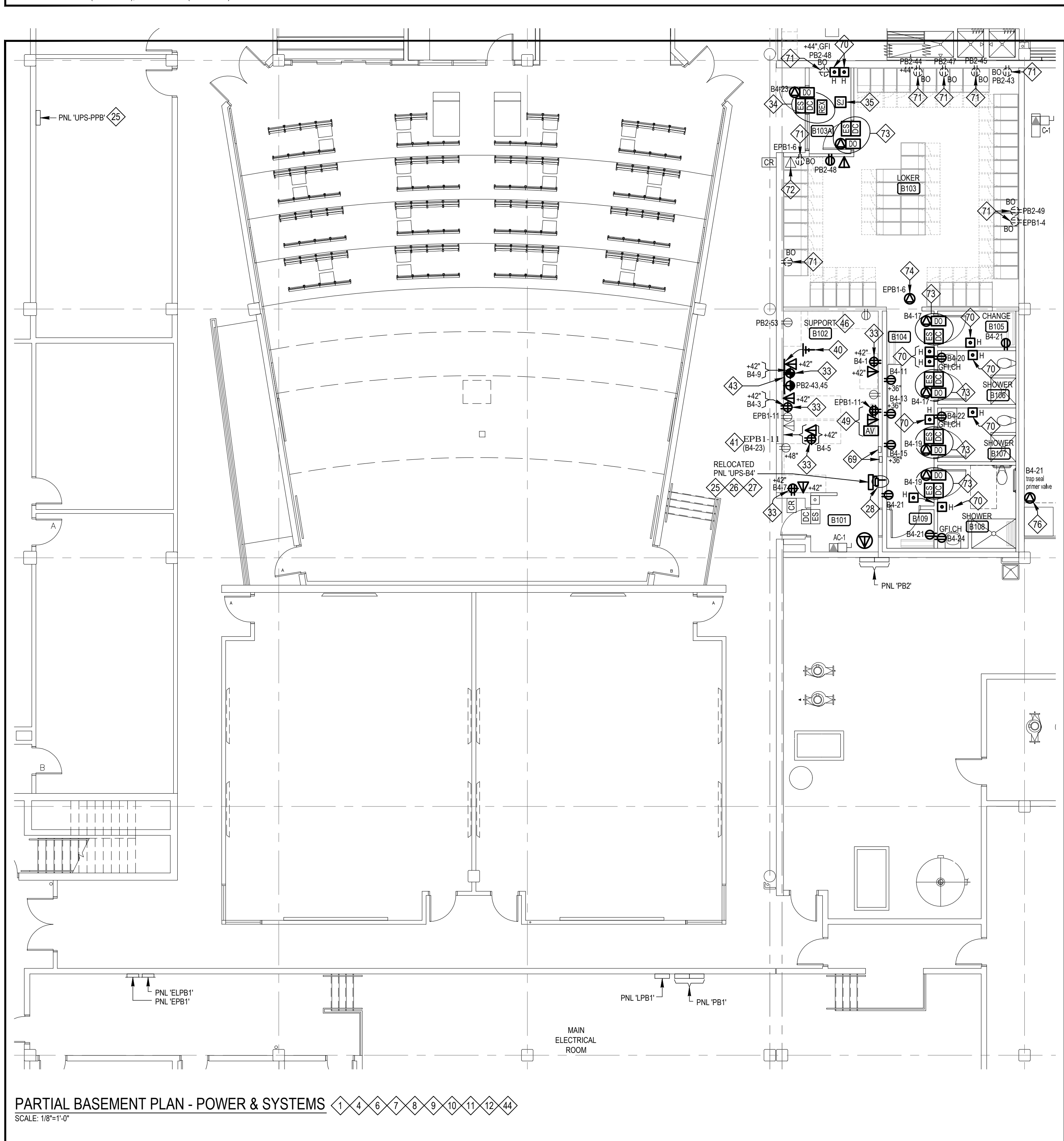
- 38** CONTRACTOR TO VERIFY THE EXT'G BRANCH LOAD & PROVIDE THE BREAKER WITH APPROPRIATE LOAD DESCRIPTION. IF THE BRANCH WIRING IS UNUSED OR ABANDONED, REMOVE THE WIRES COMPLETELY & IDENTIFY THE BREAKER AS 'SPARE' IN PANEL SCHEDULE.


- 56 FOR LIGHTING FIXTURE(S) CONNECTED TO EMERGENCY LIGHTING CIRCUIT, PROVIDE A LEVITON EC500 SERIES EMERGENCY LIGHTING CONTROL RELAY. CONNECT THE SHUNT RELAY NORMAL POWER SIDE TO NORMAL LIGHTING CIRCUIT IN THIS AREA & THE EMERGENCY POWER SIDE TO EMERGENCY LIGHTING CIRCUIT AS SHOWN. ELECTRICAL CONTRACTOR TO VERIFY THE EXT'G EMERGENCY LIGHTING CIRCUIT AT SITE. SEE "DETAIL - EMERGENCY SHUNT RELAY" ON DWG E-4 FOR DETAILS.

- 74 PROVIDE 120V POWER CONNECTIONS IN PLENUM SPACE FOR AUTO FLUSH, AUTO FAUCET & SOAP DISPENSER. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR AT SITE PRIOR TO ROUGH-IN. PROVIDE WIRING TO MULTIPLE STEP DOWN X'MERS AS REQUIRED.

78. CONNECT NEW FIRE ALARM SPEAKER TO THE EXT'G SIGNAL CIRCUIT IN THIS AREA. AT THE END OF THE PROJECT, PROVIDE TWO (2) VERIFICATION & FOUR (4) AUDIBILITY TESTING BY PRP PROJECT MANAGER'S APPROVED FIRE ALARM TESTING COMPANY IN THE ENTIRE SPACE.

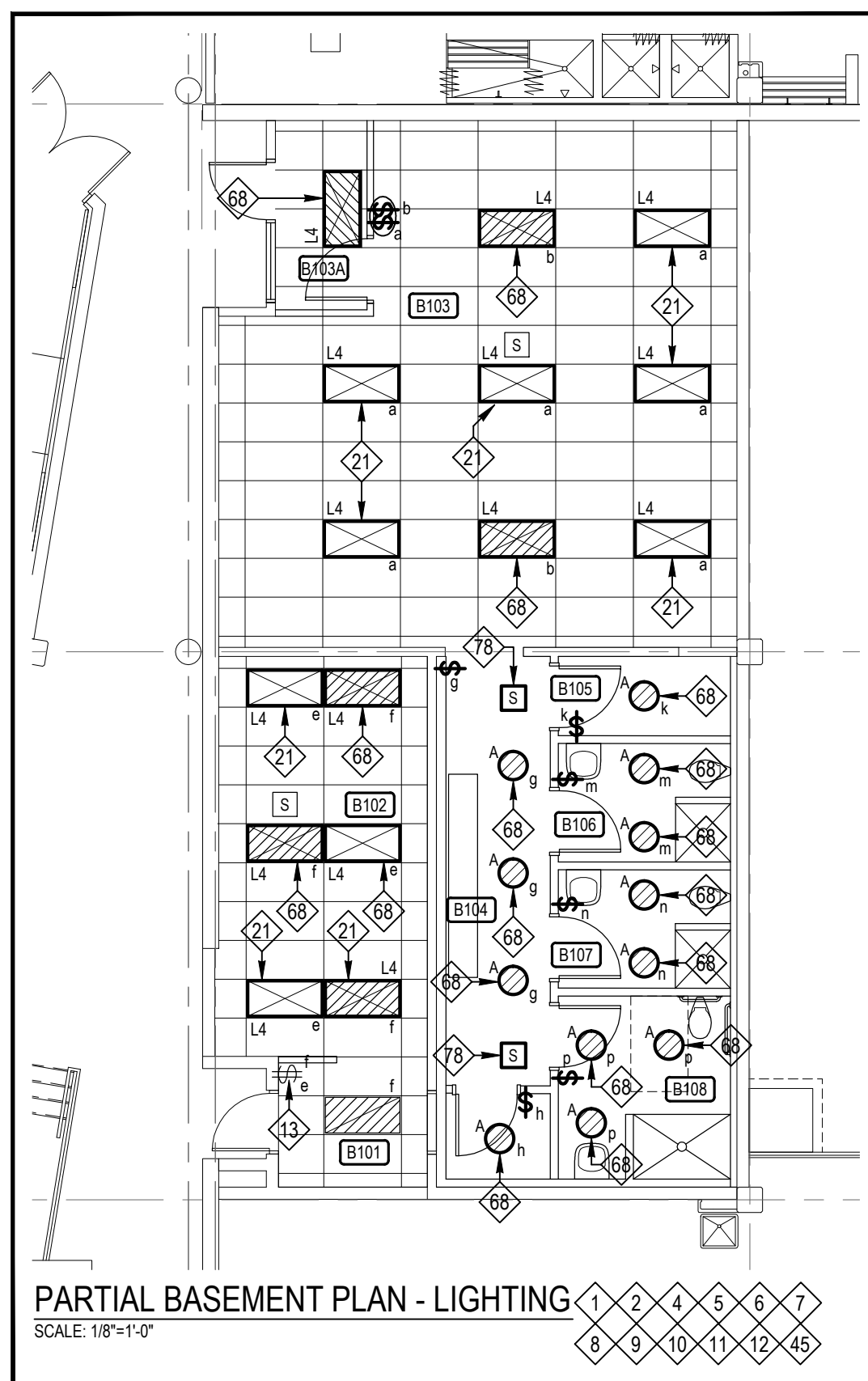
- 79 REWIRE EXT'G LIGHTING FIXTURE CIRCUIT TO THE OPEN OFFICE LIGHTING CIRCUIT IN THIS AREA & TO BE CONTROLLED BY DESIGNATED LIGHT SWITCH AS SHOWN. ELECTRICAL CONTRACTOR TO CONFIRM EXT'G LIGHTING CIRCUIT AT SITE.



**PARTIAL BASEMENT PLAN - POWER & SYSTEMS**   
SCALE: 1/8"=1'-0"

- 49 REFER TO DOING THINGS SIMPLY INC. (DTS) DWG E-01 FOR AUDIO VISUAL CABLING & CONDUITS REQUIREMENT.

- 50 IN RELOCATED PANEL, ELECTRICAL CONTRACTOR SHALL PROVIDE BLANK-OFF PLASTIC COVERS AT ALL UNUSED CIRCUITS.



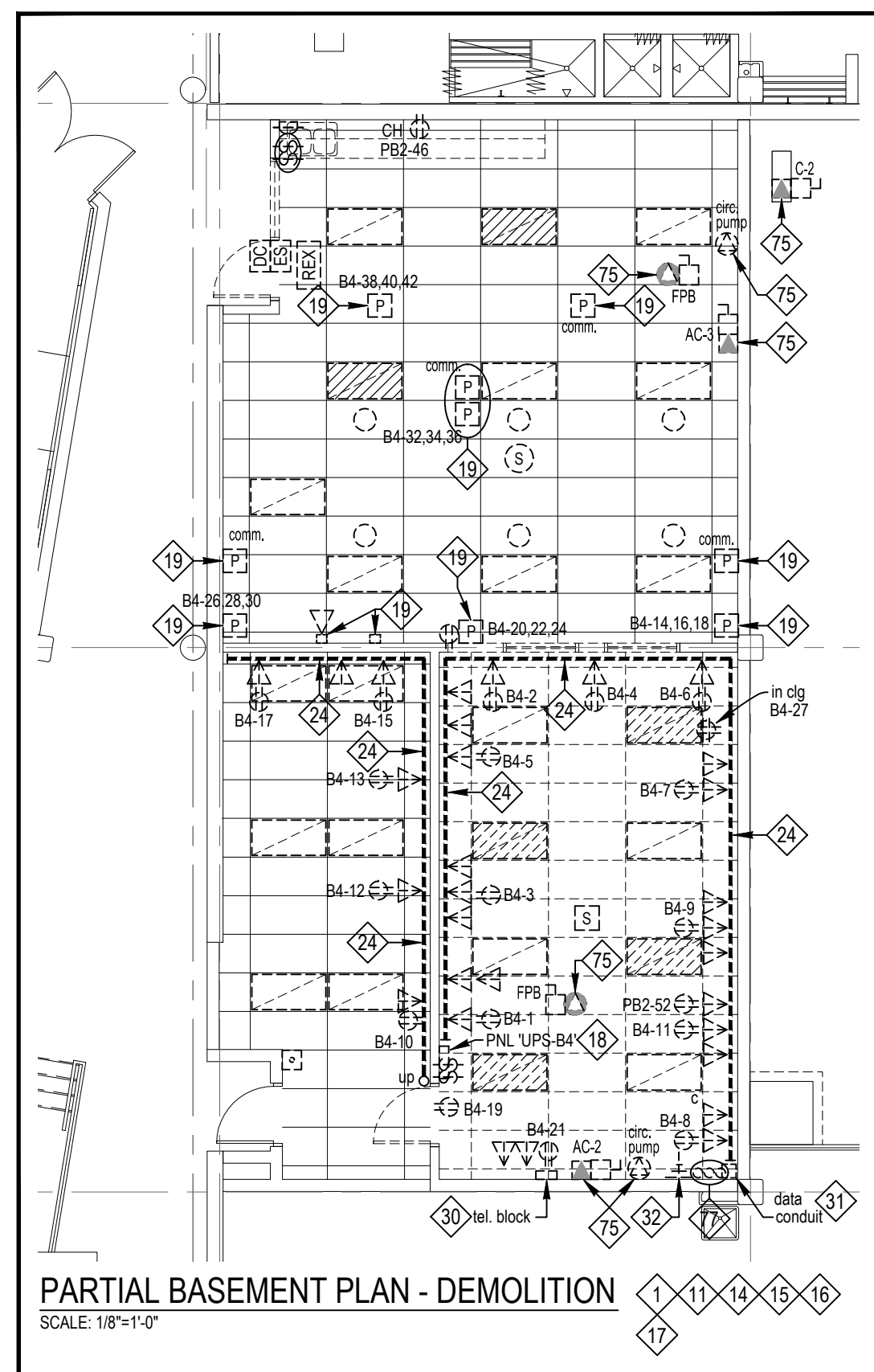
**PARTIAL BASEMENT PLAN - LIGHTING** 

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

- 62 CONTRACTOR TO VERIFY THESE FIVE (5) LOADS EXACT LOCATIONS A  
SITE & CORRECT THE ROOM NUMBER DESCRIPTION ACCORDINGLY.

- POWER CIRCUITS & ONE (1) UPS CIRCUIT RUNNING TO EACH SYSTEM  
FURNITURE BASE FEED. CONTRACTOR SHALL VERIFY THE ACTUAL  
CIRCUITS AT SITE. SEE NOTE #63.

- 65 CONNECT NEW VAV BOX TO THE EXT'G 120V VAV BOX POWER CIRCUIT IN THIS AREA. ELECTRICAL CONTRACTOR TO VERIFY THE EXT'G VAV BOX CIRCUIT AT SITE. COORDINATE WITH MECHANICAL CONTRACTOR FOR EQUIPMENT LOCATION AT SITE PRIOR TO ROUGH-IN.



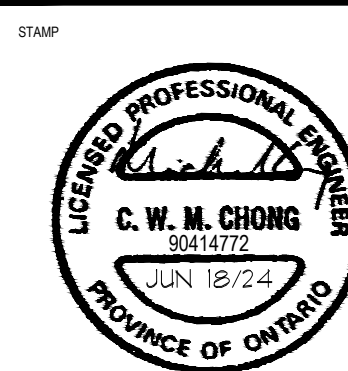
PARTIAL BASEMENT PLAN - DEMOLITION

  
**Tanco Engineering Limited**  
Consulting Engineers

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80 Nashdene Road, Suite 213  
Scarborough, Ontario  
M1V 5E4 (416) 321-3022

No.	Date	Issued or Revised
	Jun 18, 2024	Issued for Permit & Tender
	Sep 15, 2023	Issued for Tender
	Jul 27, 2023	Issued for Permit



NORTH

PROJECT

PEEL REGIONAL POLICE

180 DERRY ROAD E.,  
MISSISSAUGA, ON

DRAFTING TITLE

## PARTIAL BASEMENT FLOOR PLANS - ELECTRICAL

SCALE	DATE
AS NOTED	JUN, 2023

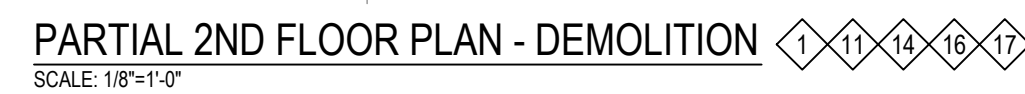
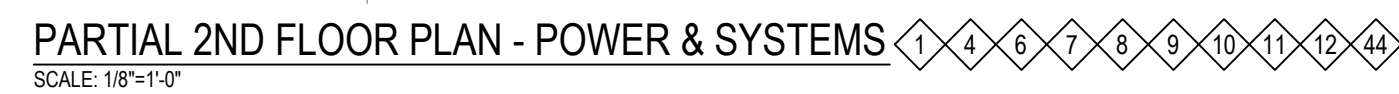
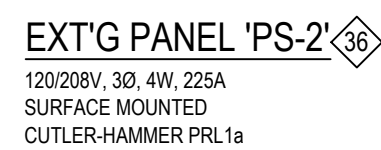
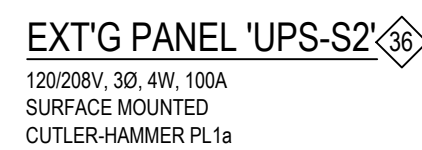
DRAWN BY A.Z.	PROJECT NO. 2325
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DRAWING N

E-2

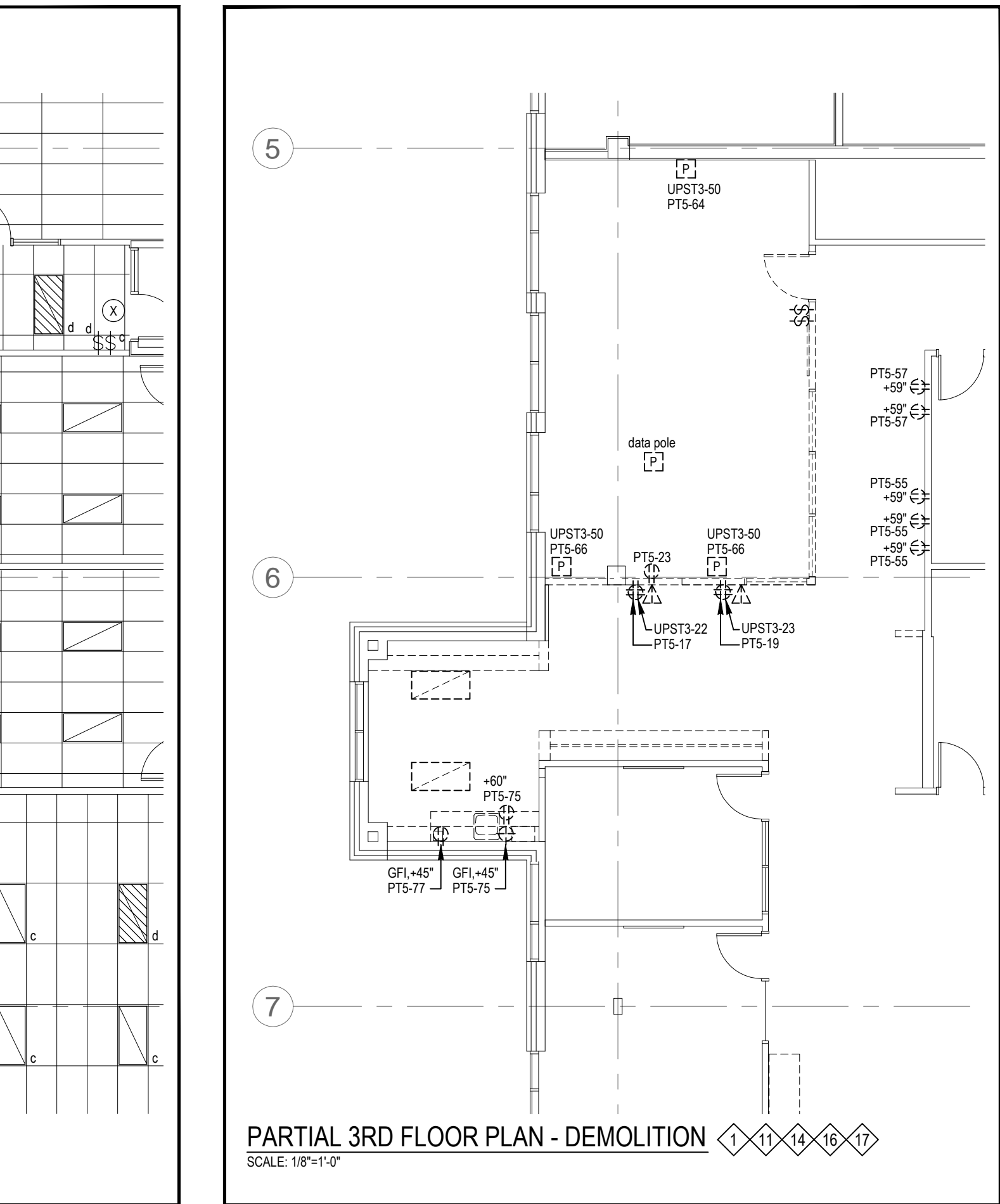
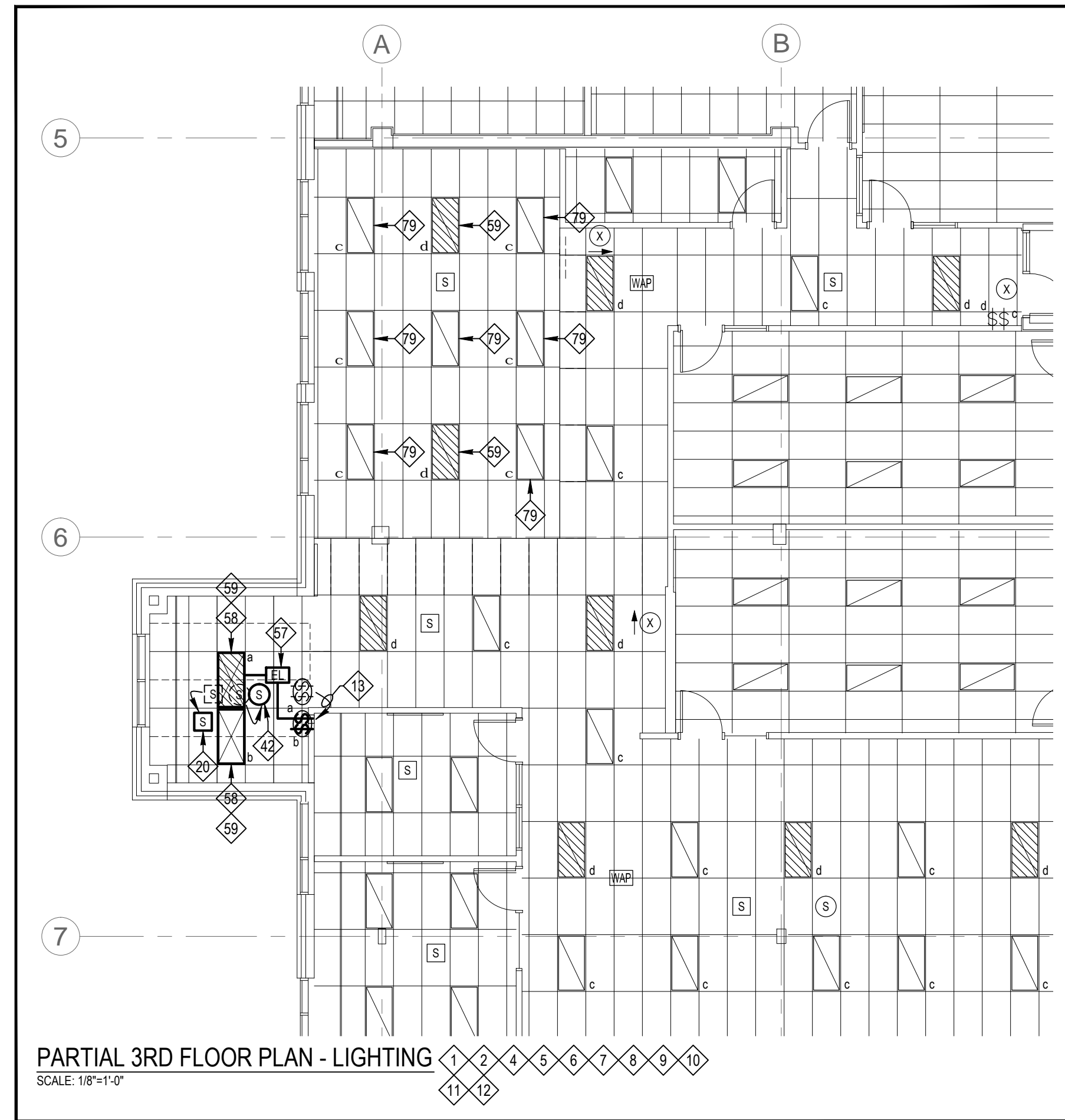
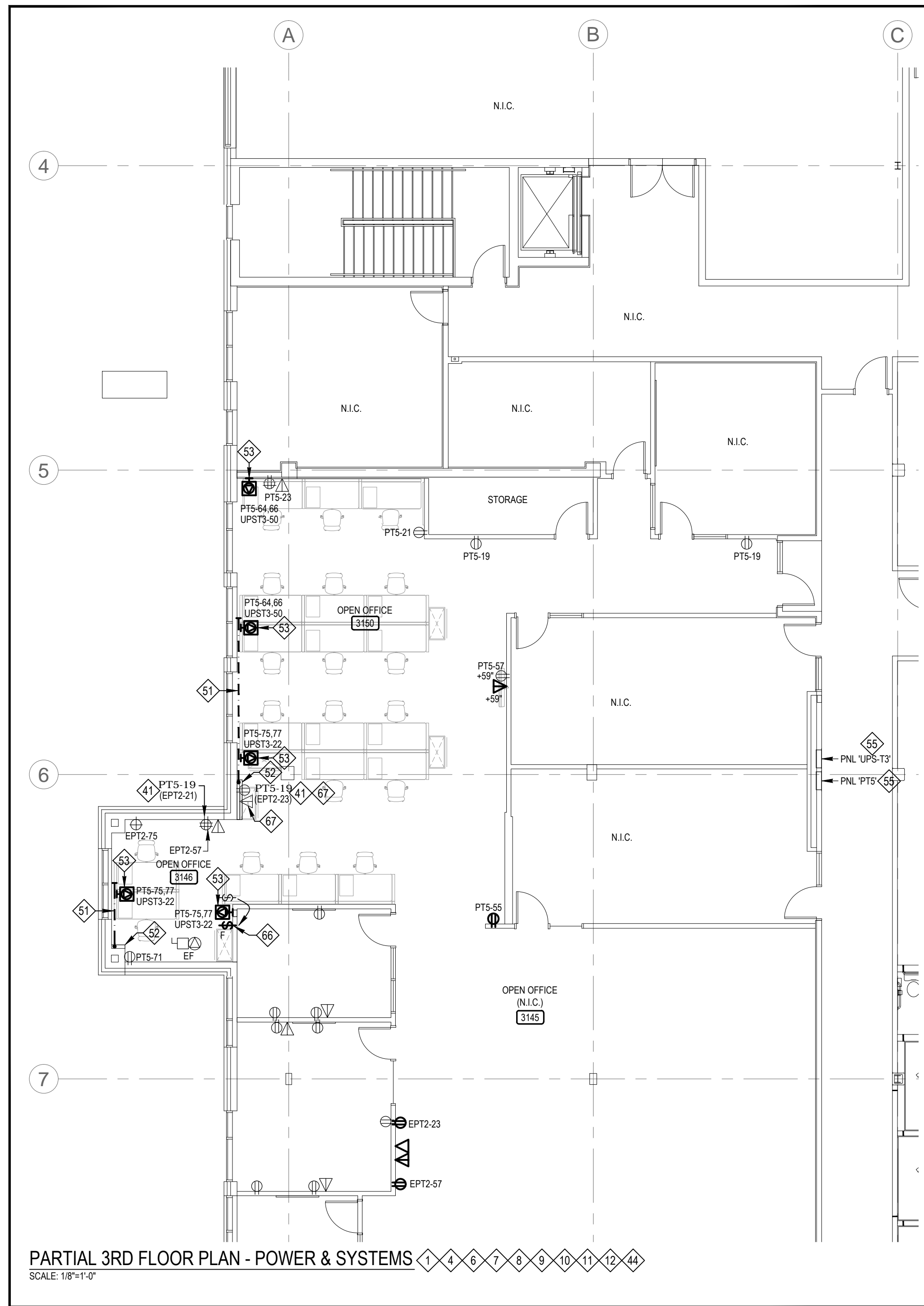


1. FOR NOTES ON THIS DRAWING, SEE NOTES COLUMN ON DRAWING E-2



E-3

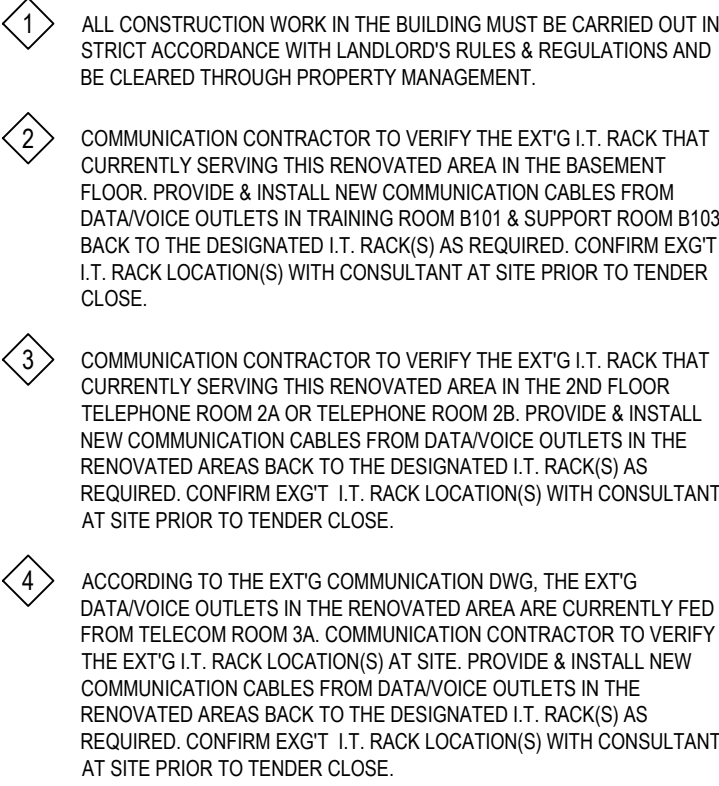
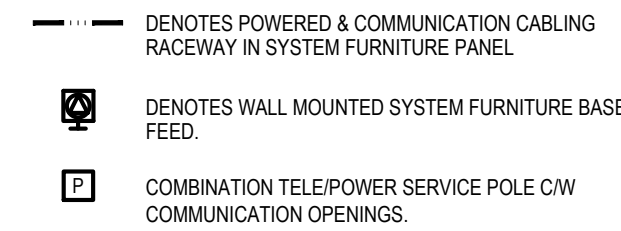
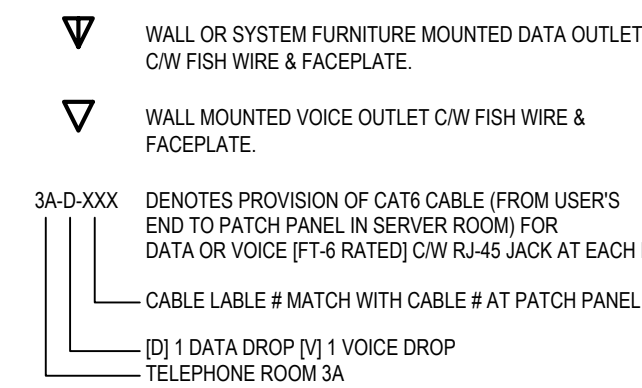
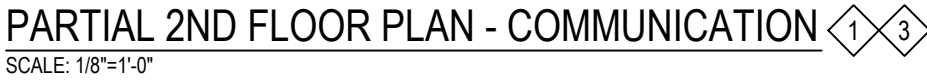






1. FOR NOTES ON THIS DRAWING, SEE  
NOTES COLUMN ON DRAWING E-2.

SCALE AS NOTED	DATE JUN. 2023
DRAWN BY A.Z.	PROJECT NO. 2325
DRAWING NO. <b>E-4</b>	





No.	Date	Issued or Revised
	Jun 18, 2024	Issued for Permit & Tender
	Sep 15, 2023	Issued for Tender
	Jul 27, 2023	Issued for Permit

<div style="text-align: center;">  </div>	 NORTH
PROJECT	
<h2 style="margin: 0;">PEEL REGIONAL POLICE</h2>	
<h3 style="margin: 0;">180 DERRY ROAD E., MISSISSAUGA, ON</h3>	
DRAWING TITLE	
<h2 style="margin: 0;">PARTIAL BASEMENT &amp; 2ND FLOOR PLANS - COMMUNICATION</h2>	
SCALE  AS NOTED	DATE  JUN 2023
DRAWN BY  A.Z.	PROJECT NO.  2325
DRAWING NO.	



