

POWER SINGLE LINE DIAGRAM SYMBOLS	
	CKT BREAKER, "###" INDICATES TRIP SETTING, "N" INDICATES NUMBER OF POLES
	DRAW-OUT CKT BREAKER, "###" INDICATES TRIP SETTING, "N" INDICATES NUMBER OF POLES
	FUSED SWITCH, "###" INDICATES TRIP SETTING, "N" INDICATES NUMBER OF POLES
	ENCLOSED CIRCUIT BREAKER
	ENCLOSED NON-FUSED SWITCH
	ENCLOSED FUSED SWITCH
	KIRK KEY INTERLOCK
	AUTOMATIC TRANSFER
	SOLID STATE, ELECTRONIC ADJUSTABLE TRIP
	GROUND FAULT PROTECTION
	SURGE PROTECTIVE DEVICE
	DIGITAL MULTIMETER
	UTILITY METER
	AUTOMAT/MANUAL TRANSFER SWITCH
	AUTOMATIC TRANSFER SWITCH, WITH BYPASS/ISOLATION
	TRANSFORMER
	GENERATOR
	PANELBOARD
	PAD MOUNTED TRANSFORMER
	GROUND
	POTENTIAL TRANSFORMER
	CURRENT TRANSFORMER

POWER DISTRIBUTION AND SMALL POWER			
	DUPLEX RECEPTACLE, WALL MOUNTED		DOUBLE DUPLEX RECEPTACLE, WALL MOUNTED
	DUPLEX RECEPTACLE, ABOVE BACKSPASH OF CABINET, COUNTERTOP OR SINK		DOUBLE DUPLEX RECEPTACLE, ABOVE BACKSPASH OF CABINET, COUNTERTOP OR SINK
	DUPLEX RECEPTACLE, FLUSH MTD IN CEILING		DOUBLE DUPLEX RECEPTACLE, FLUSH MOUNTED IN CEILING
	HALF SWITCHED DUPLEX RECEPTACLE, WALL MOUNTED		SIMPLEX RECEPTACLE, WALL MOUNTED
	SPECIAL PURPOSE RECEPTACLE, WALL MOUNTED, NEMA CONFIGURATION AS NOTED ON PLANS		SPECIAL PURPOSE RECEPTACLE, CEILING MOUNTED NEMA CONFIGURATION AS NOTED ON PLANS
	SHADING REPRESENTS RECEPTACLE ON LIFE SAFETY BRANCH		SHADING REPRESENTS RECEPTACLE ON NON-LIFE SAFETY BRANCH
	DISCONNECT SWITCH, REFER TO EQUIPMENT CONNECTION SCHEDULE FOR DISCONNECT TYPE, LION		
	COMBINATION MOTOR STARTER DISCONNECT		
	MOTOR STARTER		
	VARIABLE FREQUENCY DRIVE		
	DIRECT CONNECTION, WALL MOUNTED, SUBSCRIPT "X" INDICATES UNIQUE IDENTIFIER, REFER TO EQUIPMENT CONNECTION SCHEDULE.		
	DIRECT CONNECTION, CEILING MOUNTED, SUBSCRIPT "X" INDICATES UNIQUE IDENTIFIER, REFER TO EQUIPMENT CONNECTION SCHEDULE.		
	MOTOR, SUBSCRIPT "X" DENOTES MOTOR DESIGNATION, REFER TO EQUIPMENT CONNECTION SCHEDULE.		
	GROUND BUS BAR		
	FURNITURE FEED - 2 x POWER AND DATA (F - FLOOR, P - PAC POLE, W - WALL, WM - WIREMOLD, CL-CEILING)		
	PANELBOARD		
	TRANSFORMER		
	FLOOR BOX, DUPLEX RECEPTACLE		SPECIAL FLOORBOX, "N" INDICATES UNIQUE FLOOR BOX TYPE
	FLOOR BOX, DOUBLE DUPLEX RECEPT		
X 12 RECEPTACLE TYPE NUMBER INDICATES BRANCH CIRCUIT NUMBER			

FLOOR BOX SCHEDULE			
SYMBOL ON PLAN	FLOOR BOX TYPE AND SIZE	ELECTRICAL	DATA
	FB1	8" POKE THRU	THREE (3) DUPLEX
	FB2	6" POKE THRU	TWO (2) DUPLEX
	FB3	6" POKE THRU	TWO (2) DUPLEX
	FB4	6" POKE THRU	ONE (1) DUPLEX
			FOUR (4) DROPS
			FIVE (5) DROPS
NOTE: ACCEPTABLE MANUFACTURERS ARE HUSBLE OR APPROVED EQUAL			

CIRCUITING	
	BLDG-E1MDPH-A.10
	CIRCUIT NUMBER
	PANEL DESIGNATION
	3#12.512G.21mmC
	CONDUIT SIZE
	GROUND CONDUCTOR QUANTITY AND SIZE
	CIRCUIT CONDUCTOR QUANTITY AND SIZE

LIGHTING, LIGHTNG SWITCHING & CONTROLS	
	AF10 7ab UPPER CASE LETTERS INDICATE LIGHTING FIXTURE TYPE NUMBER INDICATES CIRCUIT NUMBER, LOWER CASE LETTER INDICATES SWITCH/LEG
	LIGHTING FIXTURE ON NORMAL BRANCH POWER - CEILING MOUNTED
	LIGHTING FIXTURE ON NORMAL BRANCH POWER - WALL MOUNTED
	STRIP LIGHTING FIXTURE ON NORMAL BRANCH POWER
	PENDANT LINEAR FIXTURE ON NORMAL BRANCH POWER
	DOWNLIGHT LIGHTING FIXTURE ON NORMAL BRANCH POWER - RECESSED MOUNTED
	PENDANT LIGHTING FIXTURE ON NORMAL BRANCH POWER
	WALL WASH LIGHTING FIXTURE ON NORMAL BRANCH POWER - ARROW INDICATES DIRECTION OF BEAM
	WALL SCONCE LIGHTING FIXTURE ON NORMAL BRANCH POWER - WALL MOUNTED
	TRACK LIGHT HEAD ON NORMAL BRANCH POWER
	BOLLARD LIGHT FIXTURE ON NORMAL BRANCH POWER - POLE MOUNTED
	SITE LIGHTING SINGLE HEAD ON NORMAL BRANCH POWER - POLE MOUNTED
	SITE LIGHTING DUAL HEAD ON NORMAL BRANCH POWER - POLE MOUNTED
	EXIT SIGN - SINGLE FACE - CEILING MOUNTED
	EXIT SIGN - SINGLE FACE - WALL MOUNTED
	LOW LEVEL EXIT SIGN - SINGLE FACE - WALL OR DOOR MOUNTED
	DUAL HEAD EMERGENCY LIGHT WITH INTEGRAL BATTERY PACK - WALL MOUNTED
	SPST SWITCH, WALL MOUNTED, "ab" INDICATES INDIVIDUAL GANGED SWITCHES AND ASSOCIATED SWITCH LEGS CONTROLLED, SUBSCRIPT "X" INDICATES:
	2 - DOUBLE POLE 3 - THREE WAY 4 - FOUR WAY D - WALL BOX DIMMER
	OCCUPANCY SENSOR, CEILING MOUNTED
	OCCUPANCY SENSOR, WALL MOUNTED
	VACANCY SENSOR, CEILING MOUNTED
	VACANCY SENSOR, WALL MOUNTED
	DIMMING CONTROL PANEL, SUBSCRIPT "X" INDICATES TYPE
	DIMMING CONTROL STATION, SUBSCRIPT "X" INDICATES TYPE OR UNIQUE IDENTIFIER
	LIGHTING CONTROL PANEL
	SHUNT TRIP PUSH BUTTON
	TIME CLOCK, SUBSCRIPT "X" INDICATES UNIQUE IDENTIFIER
	DAYLIGHT SENSOR, CEILING MOUNTED
	PHOTOCELL
	FIRE ALARM STROBE, WALL MOUNTED
	FIRE ALARM HORN, WALL MOUNTED
	FIRE ALARM HORN/STROBE, WALL MOUNTED
	FIRE ALARM SPEAKER, WALL MOUNTED
	FIRE ALARM SPEAKER/STROBE, WALL MOUNTED
	FIRE ALARM BELL, WALL MOUNTED
	HEAT DETECTOR, WALL MOUNTED
	SMOKE DETECTOR, WALL MOUNTED
	SMOKE DETECTOR, DUCT MOUNTED
	CARBON MONOXIDE DETECTOR
	FIREFIGHTERS TELEPHONE OUTLET
	REMOTE INDICATOR LIGHT
	FIRE ALARM CONTROL PANEL
	FIRE ALARM REMOTE ANNUNCIATOR PANEL
	DATA GATHERING PANEL
	FIRE ALARM TERMINAL CABINET
	FIRE ALARM TRANSPONDER PANEL
	FIRE ALARM STROBE, CEILING MOUNTED
	FIRE ALARM HORN, CEILING MOUNTED
	FIRE ALARM HORN/STROBE, CEILING MOUNTED
	FIRE ALARM SPEAKER, CEILING MOUNTED
	FIRE ALARM SPEAKER/STROBE, CEILING MOUNTED
	FIRE ALARM PULL STATION
	HEAT DETECTOR, CEILING MOUNTED
	SMOKE DETECTOR, CEILING MOUNTED
	FIRE/SMOKE DAMPER
	SMOKE DAMPER
	SMOKE ALARM
	COMBINATION SMOKE ALARM AND CARBON MONOXIDE DETECTOR
	TAMPER SWITCH
	REMOTE TEST STATION
	FLOW SWITCH
	SUPERVISORY VALVE
	ELECTRO-MAGNETIC DOOR HOLDER

FIRE ALARM SYSTEM	
	FIRE ALARM STROBE, WALL MOUNTED
	FIRE ALARM HORN, WALL MOUNTED
	FIRE ALARM HORN/STROBE, WALL MOUNTED
	FIRE ALARM SPEAKER, WALL MOUNTED
	FIRE ALARM SPEAKER/STROBE, WALL MOUNTED
	FIRE ALARM BELL, WALL MOUNTED
	HEAT DETECTOR, WALL MOUNTED
	SMOKE DETECTOR, WALL MOUNTED
	SMOKE DETECTOR, DUCT MOUNTED
	CARBON MONOXIDE DETECTOR
	FIREFIGHTERS TELEPHONE OUTLET
	REMOTE INDICATOR LIGHT
	FIRE ALARM CONTROL PANEL
	FIRE ALARM REMOTE ANNUNCIATOR PANEL
	DATA GATHERING PANEL
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	FIRE ALARM TRANSPONDER PANEL
	FIRE ALARM STROBE, CEILING MOUNTED
	FIRE ALARM HORN, CEILING MOUNTED
	FIRE ALARM HORN/STROBE, CEILING MOUNTED
	FIRE ALARM SPEAKER, CEILING MOUNTED
	FIRE ALARM SPEAKER/STROBE, CEILING MOUNTED
	FIRE ALARM PULL STATION
	HEAT DETECTOR, CEILING MOUNTED
	SMOKE DETECTOR, CEILING MOUNTED
	FIRE/SMOKE DAMPER
	SMOKE DAMPER
	SMOKE ALARM
	COMBINATION SMOKE ALARM AND CARBON MONOXIDE DETECTOR
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	FIRE ALARM SPEAKER, WALL MOUNTED
	FIRE ALARM SPEAKER/STROBE, WALL MOUNTED
	FIRE ALARM BELL, WALL MOUNTED
	HEAT DETECTOR, WALL MOUNTED
	SMOKE DETECTOR, WALL MOUNTED
	SMOKE DETECTOR, DUCT MOUNTED
	CARBON MONOXIDE DETECTOR
	FIREFIGHTERS TELEPHONE OUTLET
	REMOTE INDICATOR LIGHT
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	DATA GATHERING PANEL
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	FIRE ALARM STROBE, CEILING MOUNTED
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	FIRE ALARM HORN/STROBE, CEILING MOUNTED
	FIRE ALARM SPEAKER, CEILING MOUNTED
	FIRE ALARM SPEAKER/STROBE, CEILING MOUNTED
	FIRE ALARM PULL STATION
	HEAT DETECTOR, CEILING MOUNTED
	SMOKE DETECTOR, CEILING MOUNTED
	FIRE/SMOKE DAMPER
	SMOKE DAMPER
	SMOKE ALARM
	COMBINATION SMOKE ALARM AND CARBON MONOXIDE DETECTOR
	TAMPER SWITCH
	REMOTE TEST STATION
	FLOW SWITCH
	SUPERVISORY VALVE
	ELECTRO-MAGNETIC DOOR HOLDER

MASTER CLOCK SYSTEM	
	ANALOG MASTER CLOCK
	DIGITAL MASTER CLOCK
	ELAPSED DIGITAL TIMER CLOCK

TELECOMMUNICATIONS SYSTEM	
	WALL MOUNT DATA OUTLET ABOVE COUNTER
	WALL MOUNT VOICE OUTLET ABOVE COUNTER
	WALL MOUNT DATA/VOICE OUTLET ABOVE COUNTER
	FLOOR MOUNT DATA OUTLET
	FLOOR MOUNT VOICE OUTLET
	FLOOR MOUNT DATA/VOICE OUTLET
	CONSOLIDATION POINT
DEVICE LEGEND	
X NUMBER OF DATA JACKS	X/Y NUMBER OF DATA/VOICE JACKS
NO SUBSCRIPT = (1) DATA/VOICE WIRELESS ACCESS POINT = (2) DATA	
MOUNTING: OUTLET MOUNTING HEIGHTS TO BE COORDINATED WITH INTERIOR DESIGNER DURING DD PHASE	

SECURITY SYSTEM	
DEVICE LEGEND	
ALL SECURITY SYSTEM DEVICES ARE WALL MOUNTED UNLESS OTHERWISE INDICATED BY MOUNTING TAG	
	ACCESS CONTROL PANEL
	ALARM DEVICE
	DOOR CONTACT
	DURESS BUTTON
	ELECTRIFIED PANIC HARDWARE
	GLASS BREAK DETECTOR
	INTRUSION DETECTION DEVICE
	KEY SWITCH
	MOTION SENSOR
	PANEL / CONTROLLER
	LOW FREQUENCY EXOTER
	INFRARED READER
	REMOTE DISPLAY UNIT
	LOCAL AREA RECEIVER
	DIRECTIONAL PASSIVE TAG DETECTOR
	INFRARED CURTAIN
	RF READER
	RF READER MASTER
	RF LONG RANGE READER
	RF ETHERNET READER
	AUTO DOOR OPERATOR
	CARD READER
	DOOR CONTROLLER
	ELECTRIFIED LOCKSET
	ELECTRIC STRIKE
	INTERCOM
	KEYPAD
	MAGNETIC LOCK
	PUSH BUTTON
	PUSH PLATE
	POWER TRANSFER
	REQUEST TO EXIT DEVICE
	ALARM SENSOR
	SECURITY SYSTEM POWER SUPPLY
	SERVER
	SECURITY WORKSTATION
	CCTV CAMERA, WALL-MOUNTED
	CCTV CAMERA, CEILING-MOUNTED

AUDIOVISUAL SYSTEM DEVICES	
DEVICE LEGEND	
	AV CONNECTIVITY CW 1-GANG MUD RING CW 27 MMC STUB UP TO CEILING SPACE
	DISPLAY
	DISPLAY INFRASTRUCTURE CW 1-GANG MUD RING BEHIND DISPLAY
	PROJECTOR SCREEN
	PROJECTOR
	AV SYSTEM CAMERA
	INFRARED RADIATOR
	ANTENNA
	AV SYSTEM ROOM OCCUPANCY SENSOR
	AV SYSTEM PARTITION SENSOR
	PHOTOMETRIC SENSOR
	BACHET INTERFACE TO AV SYSTEM
	LIGHTING INTERFACE TO AV SYSTEM
	SHADE/DRAPE INTERFACE TO AV SYSTEM
	MICROPHONE
	TOUCH SCREEN
	ROOM SCHEDULING PANEL
	ROOM SCHEDULING SIGN
	BUTTON PANEL
	AV SYSTEM SPEAKER
	SUBWOOFER SPEAKER
	LOCAL CREDENZA RACK
	AV RACK
	FLOOR BOX "X" DENOTES TYPE, REFER TO AV SYSTEMS DETAILS
	POKE THROUGH "X" DENOTES TYPE, REFER TO AV SYSTEMS DETAILS
	TABLE BOX "X" DENOTES TYPE, REFER TO AV SYSTEMS DETAILS

MISCELLANEOUS DEVICES	
	JUNCTION BOX, WALL MOUNTED
	JUNCTION BOX, CEILING MOUNTED
	CONTACTOR, SUBSCRIPT "X" INDICATES UNIQUE IDENTIFIER
	CONTROL RELAY & REQUIRED INPUT/OUTPUT MODULE

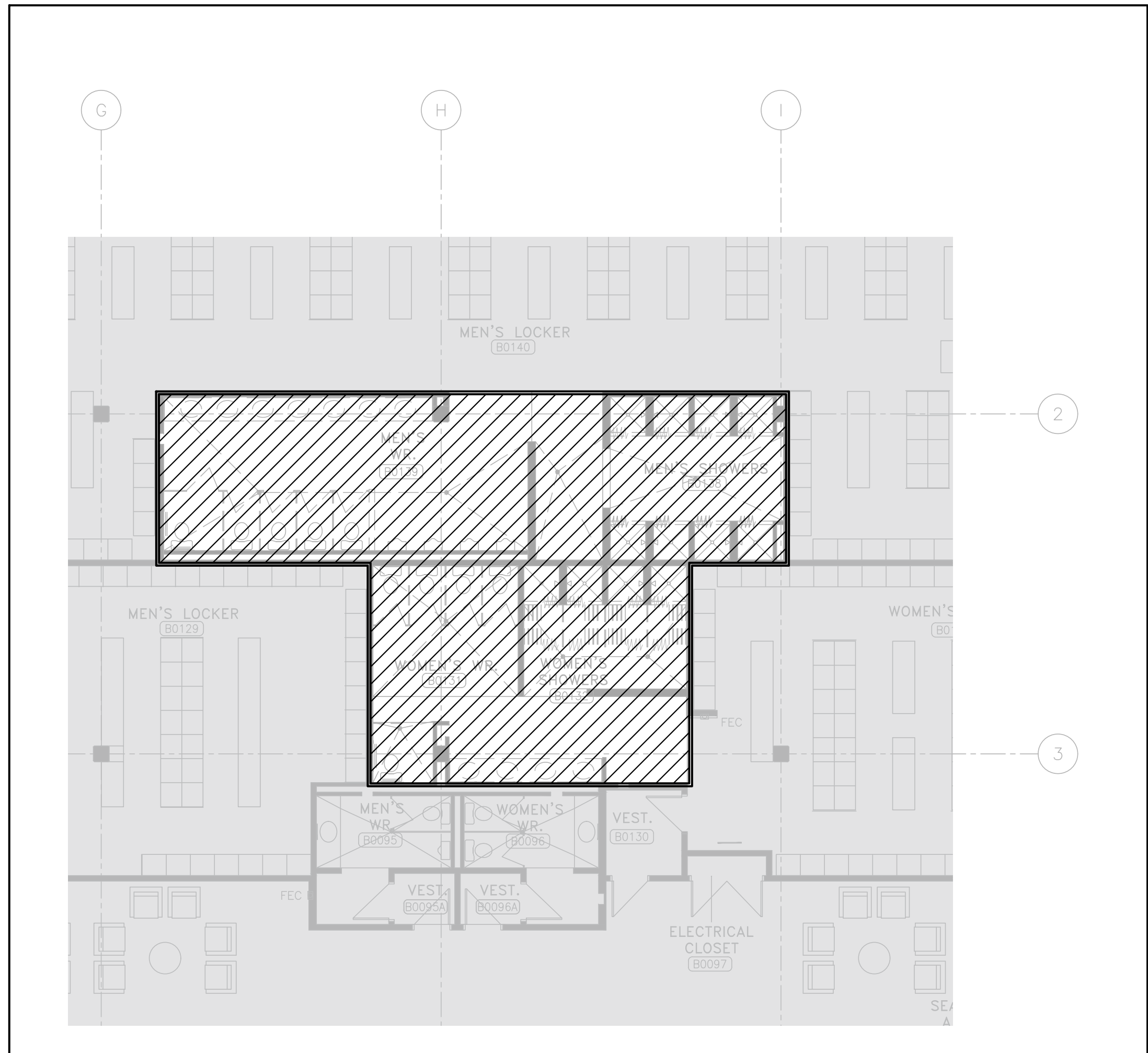
DEMOLITION	
	EXISTING TO BE REMOVED
	EXISTING TO BE RELOCATED
	EXISTING TO REMAIN
	EXISTING - NEW LOCATION
	DEMOLITION CONDUIT
	DEMOLITION EQUIPMENT
	EXISTING TO REMAIN CONDUIT
	EXISTING TO REMAIN EQUIPMENT
	RELOCATED / NEW CONDUIT
	RELOCATED / NEW EQUIPMENT

TAGS AND CALL OUT SYMBOLS	
	SECTION CALLOUT SECTION DESIGNATION SHEET NUMBER
	DETAIL CALLOUT DETAIL DESIGNATION SHEET NUMBER
	REVISION CALLOUT
	KEYNOTE CALLOUT

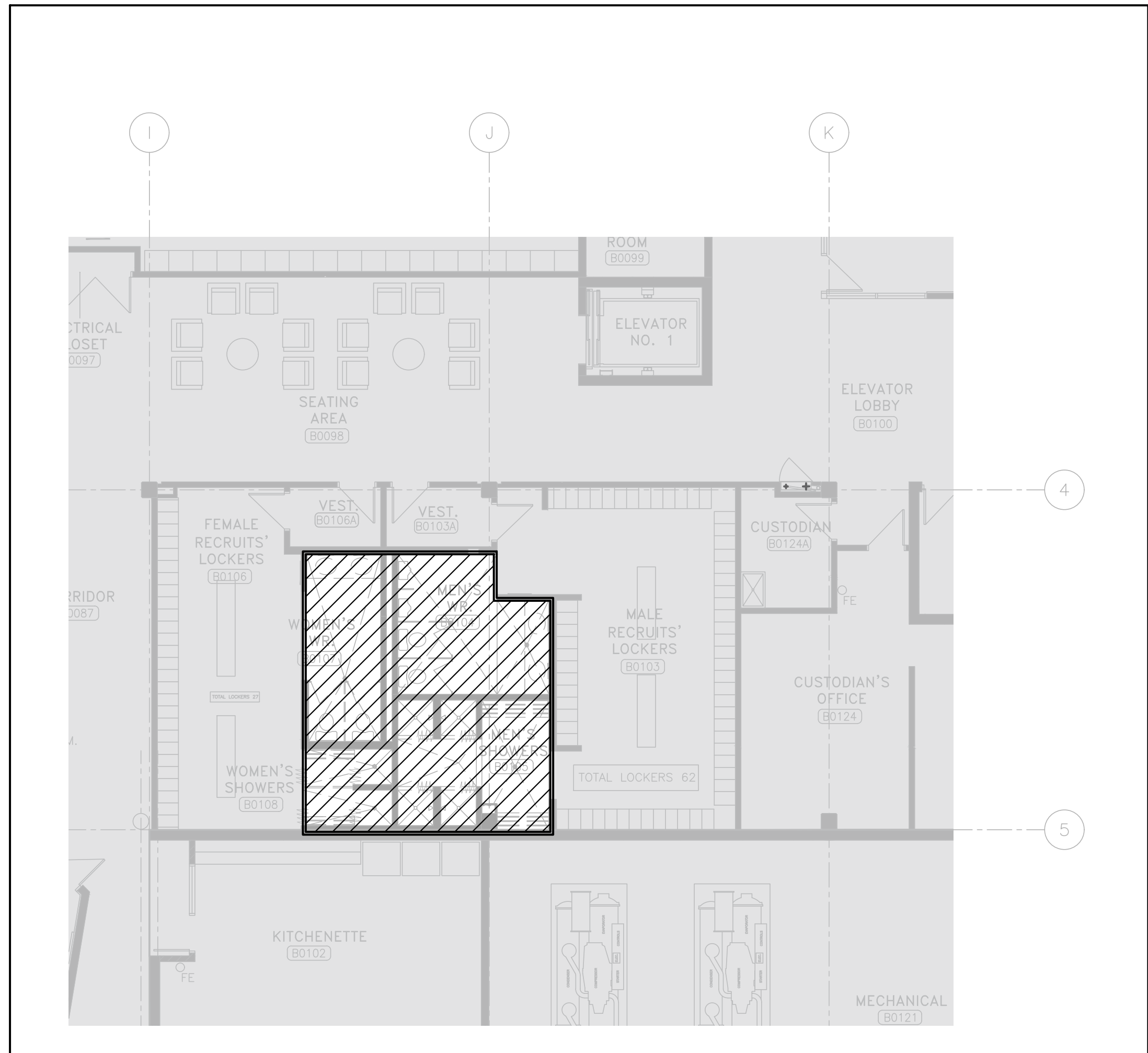
ABBREVIATIONS			
A	ANALOG	MD	MOTORIZED DAMPER
AFCI	ARC FAULT CIRCUIT INTERRUPTOR	MH	MASTER STATION
AFF	ABOVE FINISHED FLOOR	MS	MULLION MOUNTED
ATS	AUTOMATIC TRANSFER SWITCH	MJ	MULLION MOUNTED
BM	BEAM MOUNTED	NC	NORMALLY CLOSED
CK	CLOCK HANGER	NO	NORMALLY OPEN
CL	CEILING MOUNTED	OC	OVER THE COUNTER
EMT	ELECTRICAL METALLIC TUBING	PL	POLE MOUNTED
EP	EXPLOSION PROOF	PTZ	PAN, TILT, ZOOM
F	FURNITURE OR MILLWORK MOUNTED	RIO	ROUGH-IN ONLY
FL	FLOOR MOUNTED	ST	SHUNT TRIP
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TP	TAMPER PROOF
GFI	GROUND FAULT INTERRUPTER	VS	VIDEO STATION
MCB	MAIN CIRCUIT BREAKER	WP	WEATHER PROOF
MCC	MOTOR CONTROL CENTER		

DRAWING LIST	
E001	GENERAL SYMBOLS, LEGENDS AND DRAWING LIST
E101	PARTIAL BASEMENT FLOOR - POWER AND SYSTEMS - DEMO AND NEW
E102	PARTIAL GROUND FLOOR - POWER AND SYSTEMS - DEMO AND NEW
E103	PARTIAL SECOND FLOOR - POWER AND SYSTEMS - DEMO AND NEW
E104	PARTIAL THIRD FLOOR - POWER AND SYSTEMS - DEMO AND NEW
E201	PARTIAL BASEMENT FLOOR - LIGHTING - DEMO AND NEW
E202	PARTIAL FIRST FLOOR - LIGHTING - DEMO AND NEW
E203	PARTIAL SECOND FLOOR - LIGHTING - DEMO AND NEW
E204	PARTIAL THIRD FLOOR - LIGHTING - DEMO AND NEW
E301	ELECTRICAL DETAILS
E311	TECHNOLOGY DETAILS
E312	TECHNOLOGY DETAILS
E401	PANEL SCHEDULES
E402	PANEL SCHEDULES

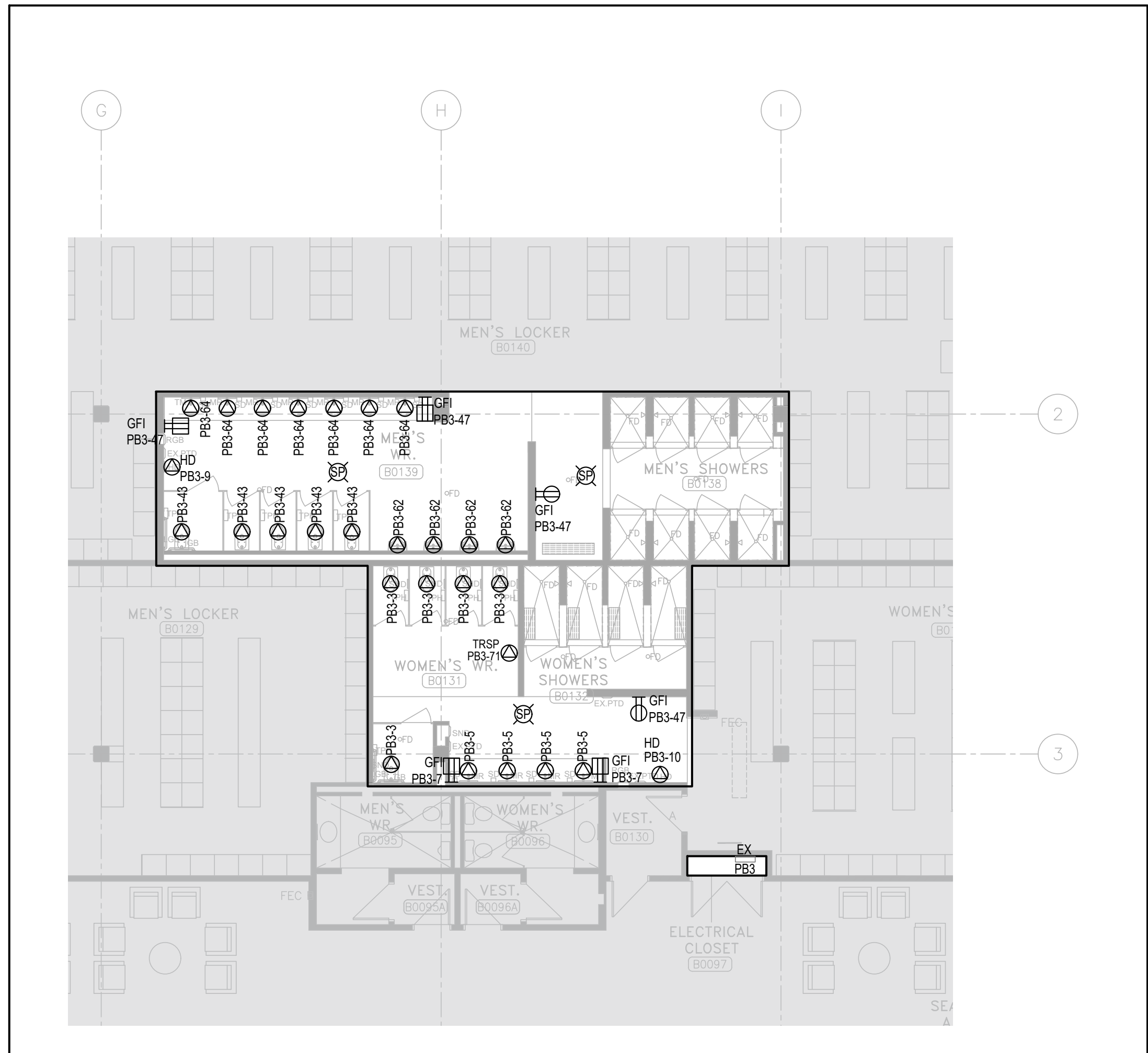
GENERAL NOTES	
1.	ELECTRICAL DOCUMENTS ARE BASED ON AVAILABLE INFORMATION AND, SHALL BE READ IN CONJUNCTION WITH OTHER CONSULTANTS INCLUDING BUT NOT LIMITED TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, DOOR HARDWARE CONSULTANT DOCUMENTS.
2.	THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL ARRANGEMENTS OF ELECTRICAL AND SYSTEMS DEVICES. THE FINAL LOCATION AND ELEVATION OF ALL ELECTRICAL AND SYSTEMS DEVICES SHALL BE COORDINATED WITH ARCHITECTURAL INTERIOR DESIGNERS PACKAGES. REPORT ANY DISCREPANCIES TO CONSULTANT PRIOR TO ROUGH-IN. FOR DIMENSIONS, REFER TO ARCHITECTURAL/INTERIOR DESIGN PACKAGES.
3.	ALL EQUIPMENT LAYOUTS SHOWN ARE FOR REFERENCE ONLY BASED ON INTENDED EQUIPMENT AT TIME OF DESIGN. THE CONTRACTOR MUST PREPARE THE WORKING DRAWINGS BASED ON ACTUAL EQUIPMENT SELECTION (SHOP DRAWINGS) FOR THE EQUIPMENT ROOM LAYOUT PRIOR TO ROUGH-IN AND CONSTRUCTION.
4.	THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE GENERAL CONTRACTOR TO PROVIDE AND INSTALL TEMPORARY POWER FOR PROJECT CONSTRUCTION AS REQUIRED.
5.	PROVIDE ELECTRICAL COORDINATION WITH SHOP DRAWING SELECTION AND LOCATION. REFER TO MECHANICAL EQUIPMENT SCHEDULES FOR DETAILS. VERIFY THE FINAL LOCATION OF MECHANICAL EQUIPMENT PRIOR TO INSTALLATION.
6.	CONTRACTOR SHALL IDENTIFY AND LABEL CLEARLY ALL CIRCUITS, WIRING, SERVICES, JUNCTION BOXES, PULL BOXES, DEVICES AND EQUIPMENT INSTALLED AND CONNECTED UNDER THE SCOPE OF WORK OF THIS PROJECT. IDENTIFICATION SHALL BE AS PER SPECIFICATION AND ALL APPLICABLE INDUSTRY STANDARDS UNLESS SPECIAL OWNERS REQUIREMENTS. ALL MARKINGS SHALL BE OF NON-ERASABLE/AMACOD TYPE.
7.	ALL OPENINGS, IF APPLICABLE, SHALL BE SEALED WITH APPROVED FIRE STOP MATERIAL, ANY FIREPROOFING MATERIAL REMOVED WILL BE REPLACED WITH A SUITABLE AND APPROVED FIREPROOFING MATERIAL AND SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS TO APPLICABLE BUILDING AND FIRE CODES.
8.	CONTRACTOR SHALL INCLUDE FOR PAYMENT OF REQUIREMENT PERMITS, FEES, LICENCES, CERTIFICATES OF INSPECTION, ETC. IF REQUIRED.
9.	CABLE AND CONDUIT SIZES INDICATED ON DRAWINGS ARE MINIMUM SIZES AND SHALL BE INCREASED BASED ON ACTUAL ROUTING AND VOLTAGE DROP.
10.	ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR ALL SHOP DRAWINGS PRIOR TO PROCUREMENT AND INSTALLATION OF RELATED ELECTRICAL CONNECTIONS. ANY ALTERNATIONS DUE TO MECHANICAL COORDINATION SHALL BE RECORDED IN ELECTRICAL AS-BUILTS.
11.	ALL NOT IN SCOPE AREAS ARE TO REMAIN ACTIVE AND OPERATIONAL DURING THE ENTIRE DURATION OF WORK. WIRING, CONDUIT, AND EQUIPMENT REQUIRED TO MAINTAIN SERVICE SHALL BE TEMPORARILY SUPPORTED, RE-ROUTED, SERVICED, OR RELOCATED AS REQUIRED. ANY LOSS OF SERVICES TO SPACES OUTSIDE OF THE SCOPE OF WORK SHALL BE COORDINATED WITH FACILITY MANAGEMENT.
12.	CONTRACTOR SHALL CONDUCT A SITE REVIEW PRIOR TO PROCEED TO BECOME FAMILIAR WITH THE SITE CONDITIONS. VERIFY ALL LOCATIONS, SIZES, AND CONNECTIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE CONSULTANT WITH PROPOSED RESOLUTION AND OBTAIN CONSULTANT'S APPROVAL.
13.	MAINTAIN EXISTING FIRE ALARM, EXIT SIGNS AND EMERGENCY LIGHTS IN FULL OPERATION DURING THE ENTIRE CONSTRUCTION STAGE. WHERE DISRUPTION TO LIFE SAFETY SYSTEMS ARE REQUIRED, REPORT TO THE OWNER, PROVIDE CONTINUOUS MONITORING DURING SHUT DOWN PERIOD, AND ENSURE THAT ALL SYSTEMS ARE REACTIVATED PRIOR TO LEAVING THE SITE AT THE END OF EACH WORKING DAY.
14.	CONTRACTOR



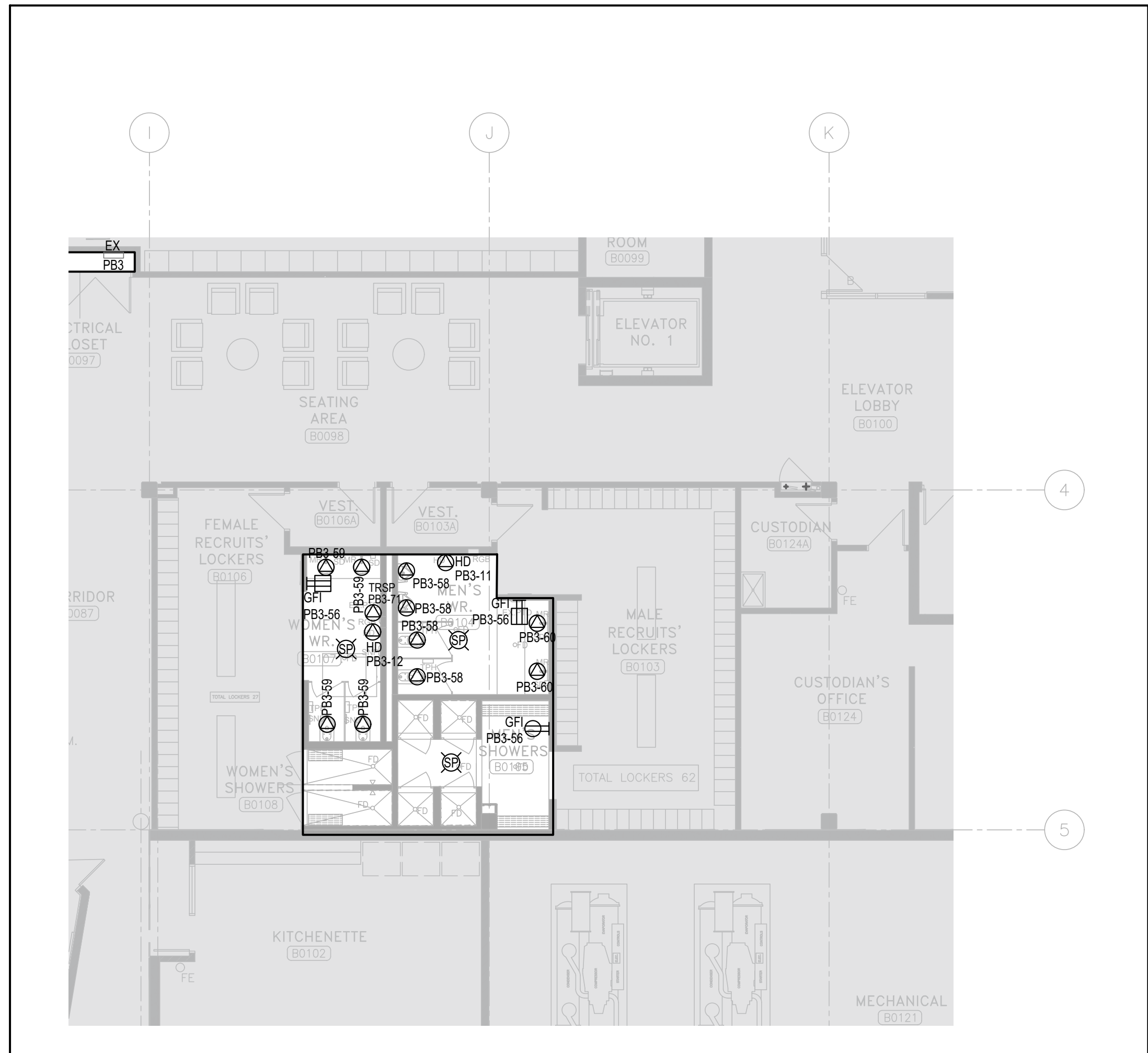
1 PARTIAL BASEMENT POWER AND SYSTEMS PLAN - DEMO
SCALE: 1/100



2 PARTIAL BASEMENT POWER AND SYSTEMS PLAN - DEMO
SCALE: 1/100



3 PARTIAL BASEMENT POWER AND SYSTEMS PLAN - NEW
SCALE: 1/100



4 PARTIAL BASEMENT POWER AND SYSTEMS PLAN - NEW
SCALE: 1/100

DEMOLITION LEGEND:

ELECTRICAL, IT & SECURITY:

- EXISTING CONSTRUCTION TO REMAIN

ELECTRICAL, IT, AV, & SECURITY:

- UNLESS OTHERWISE NOTED, REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, WIRING AND CONDUIT NOT REQUIRED BACK TO SOURCE, TO SUIT THE NEW LAYOUT AND MAKE SAFE.
- FIRE ALARM DEVICES, INCLUDING BUT NOT LIMITED TO SPRINKLERS, STROBES, PULL STATIONS AND SMOKE DETECTORS, SHALL BE REMOVED WITHIN THE SCOPE OF WORK AREA. ENSURE ALL EXISTING FIRE ALARM CIRCUITS REMAIN AND ARE MADE SAFE FOR USE DURING THE CONSTRUCTION PHASE.
- REMOVE ALL LIGHTING FIXTURES, LIGHTING CONTROL DEVICES, AND EXIT SIGNS WITHIN SCOPE OF WORK AREA. REMOVE EXISTING WIRING AND CONDUIT BACK TO NEAREST JUNCTION BOX IN CEILING SPACE AND MAKE SAFE. MAINTAIN THE CIRCUIT FOR NEW LIGHTING FIXTURES.

GENERAL NOTES:

- CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION. REUSE CIRCUITS OBTAINED FROM DEMOLITION AS THE PRIMARY SOURCE.
- FOR DEVICES IN EXISTING WALLS, PROVIDE SURFACE MOUNT POWER AND DATE CONDUITS ON THE CORNER OF THE ROOM AND PROVIDE LOW LEVEL RACEWAY TO FINAL DEVICE LOCATIONS.

6. ISSUED FOR CONSTRUCTION 2026.08.21

5. ISSUED FOR TENDER 2026.05.01

4. ISSUED FOR BUILDING PERMIT 2026.04.08

3. ISSUED FOR 100% CLIENT REVIEW 2026.03.31

2. ISSUED FOR 66% CLIENT REVIEW 2026.01.09

1. ISSUED FOR COSTING REVIEW 2025.11.24

NO. DESCRIPTION DATE

REVISIONS

PROJECT



REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

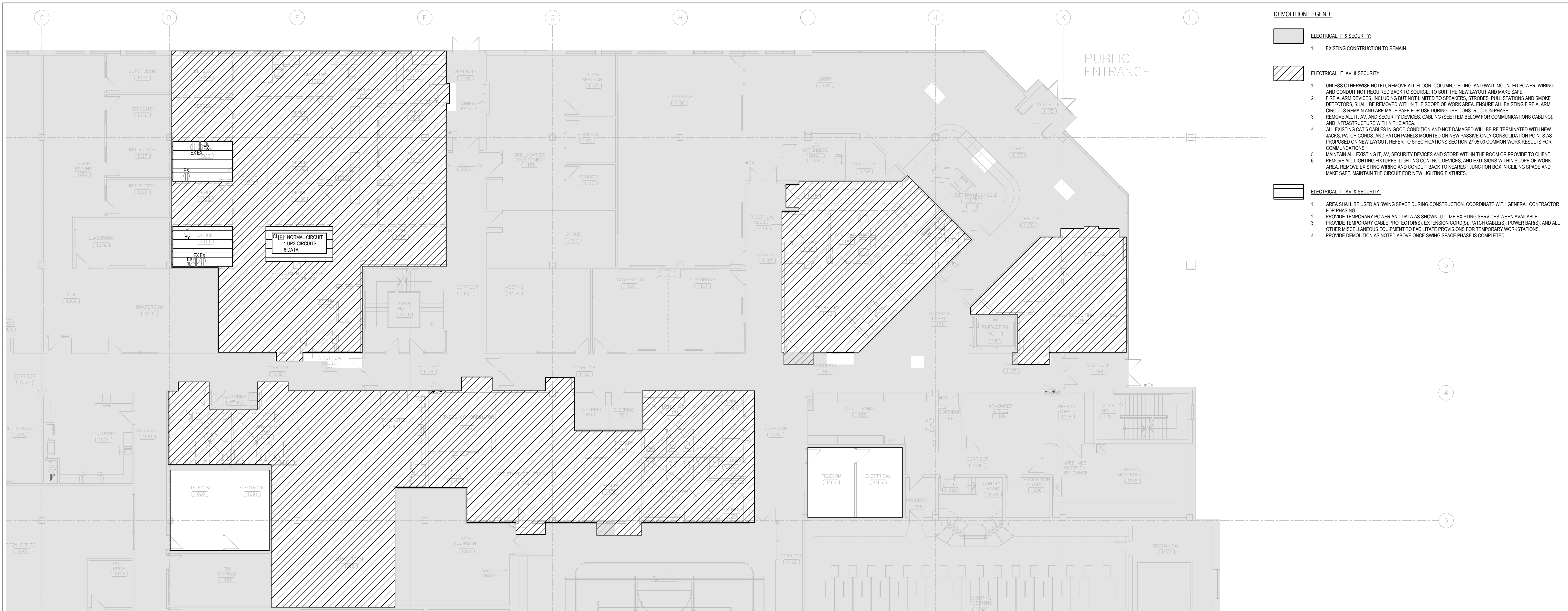


The customer shall check and verify all dimensions and notes are correct and approved by the customer prior to the design. Do not scale the drawings.

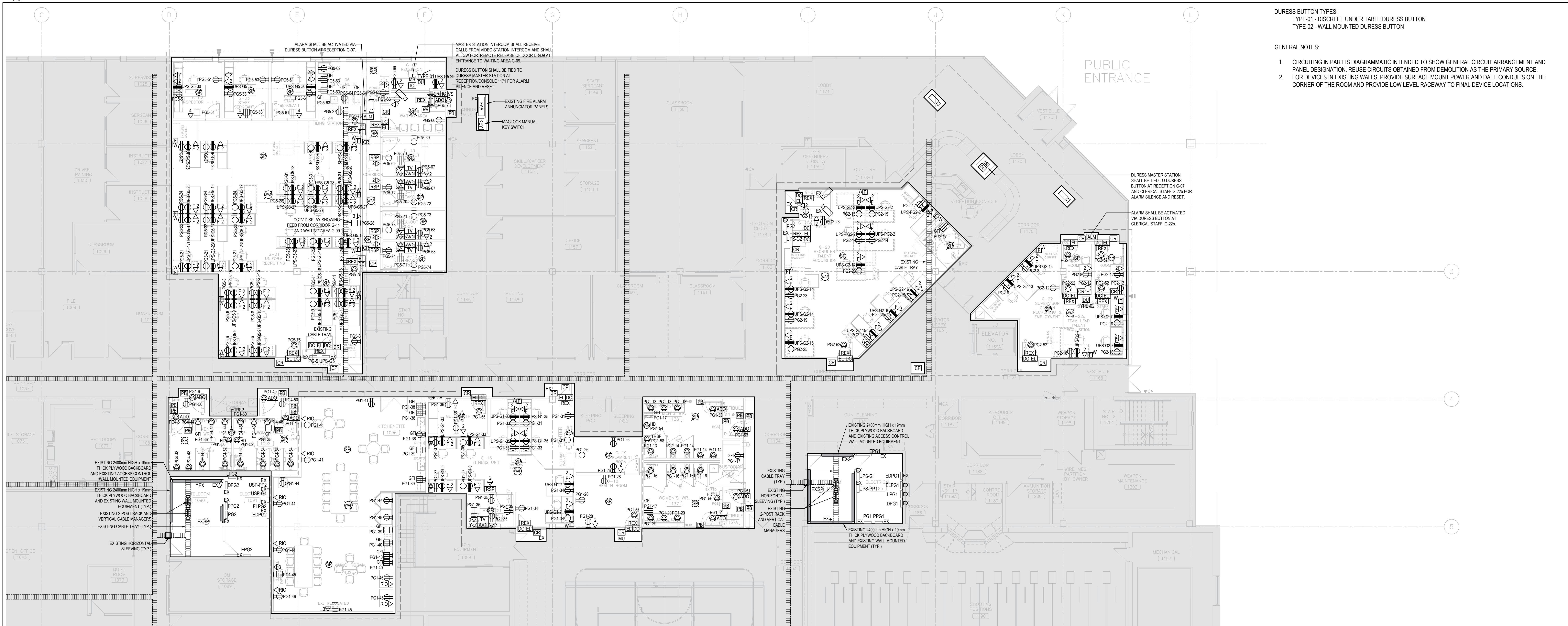
STRUCTURAL CONSULTANT
STEPHENSON ENGINEERING
MECHANICAL CONSULTANT
EXP SERVICES INC.
ELECTRICAL CONSULTANT
EXP SERVICES INC.

SHEET TITLE
PARTIAL BASEMENT FLOOR -
POWER AND SYSTEM -
DEMO & NEW

SHEET NO. E101
DRAWN BY: BELL
CHECKED: ME
PROJECT NO: MRK-25008951-A0
SCALE:



1 PARTIAL GROUND FLOOR POWER AND SYSTEMS PLAN - DEMO
SCALE 1:100



2 PARTIAL GROUND FLOOR POWER AND SYSTEMS PLAN - NEW
SCALE 1:100

NO.	DESCRIPTION	DATE
8	ISSUED FOR CONSTRUCTION	2026.08.21
9	ISSUED FOR ADDENDUM E-02	2026.07.03
7	RE-ISSUED FOR BUILDING PERMIT	2026.06.16
6	ISSUED FOR ADDENDUM E-01	2026.06.12
5	ISSUED FOR TENDER	2026.05.01
4	ISSUED FOR BUILDING PERMIT	2026.04.08
3	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1	ISSUED FOR COSTING REVIEW	2025.11.24

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NO.	DESCRIPTION	DATE
1	ISSUED FOR COSTING REVIEW	2025.11.24

NO.	DESCRIPTION	DATE
1	ISSUED FOR COSTING REVIEW	2025.11.24

NO.	DESCRIPTION	DATE
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1	ISSUED FOR COSTING REVIEW	2025.11.24

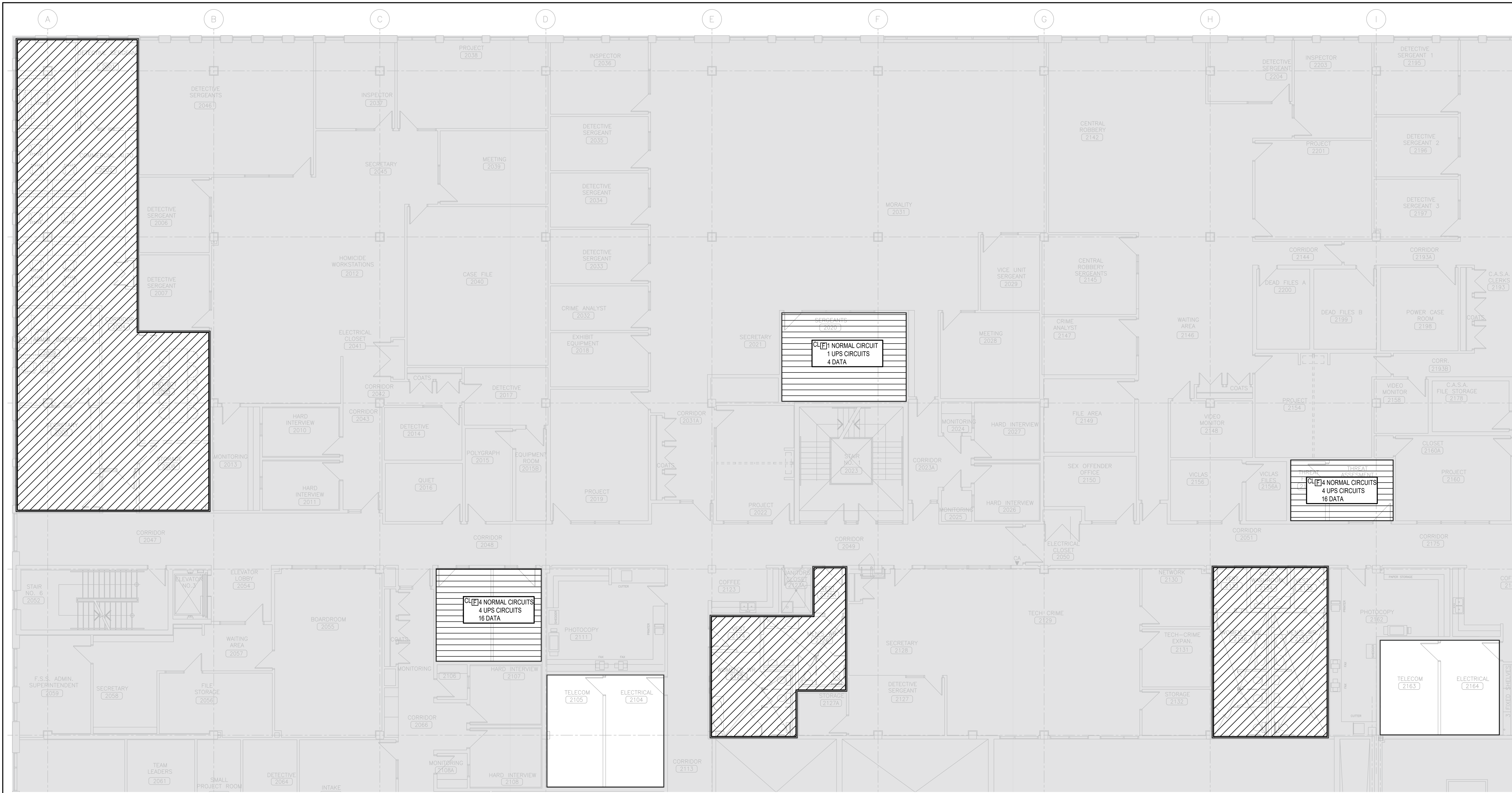
NO.	DESCRIPTION	DATE
1	ISSUED FOR COSTING REVIEW	2025.11.24

NO.	DESCRIPTION	DATE
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NO.	DESCRIPTION	DATE
1	ISSUED FOR COSTING REVIEW	2025.11.24

NO.	DESCRIPTION	DATE
1	ISSUED FOR COSTING REVIEW	2025.11.24



DEMOLITION LEGEND:

ELECTRICAL, IT & SECURITY:

- EXISTING CONSTRUCTION TO REMAIN

ELECTRICAL, IT, AV, & SECURITY:

- UNLESS OTHERWISE NOTED, REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, WIRING AND CONDUIT NOT REQUIRED BACK TO SOURCE, TO SUIT THE NEW LAYOUT AND MAKE SAFE.
- FIRE ALARM DEVICES, INCLUDING BUT NOT LIMITED TO SPEAKERS, STROBES, PULL STATIONS AND SMOKE DETECTORS, SHALL BE REMOVED WITHIN THE SCOPE OF WORK AREA. ENSURE ALL EXISTING FIRE ALARM CIRCUITS REMAIN AND ARE MADE SAFE FOR USE DURING THE CONSTRUCTION PHASE.
- REMOVE ALL IT, AV, AND SECURITY DEVICES, CABLES (SEE ITEM BELOW FOR COMMUNICATIONS CABLEING), AND INFRASTRUCTURE WITHIN THE AREA.
- ALL EXISTING CAT 6 CABLES IN GOOD CONDITION AND NOT DAMAGED WILL BE RE-TERMINATED WITH NEW JACKS, PATCH CORDS, AND PATCH PANELS MOUNTED ON NEW PASSIVE-ONLY CONSOLIDATION POINTS AS PROPOSED ON NEW LAYOUT. REFER TO SPECIFICATIONS SECTION 27 05 00 COMMON WORK RESULTS FOR COMMUNICATIONS.
- MAINTAIN ALL EXISTING IT, AV, SECURITY DEVICES AND STORE WITHIN THE ROOM OR PROVIDE TO CLIENT.
- REMOVE ALL LIGHTING FIXTURES, LIGHTING CONTROL DEVICES, AND EXIT SIGNS WITHIN SCOPE OF WORK AREA. REMOVE EXISTING WIRING AND CONDUIT BACK TO NEAREST JUNCTION BOX IN CEILING SPACE AND MAKE SAFE. MAINTAIN THE CIRCUIT FOR NEW LIGHTING FIXTURES.

ELECTRICAL, IT, AV, & SECURITY:

- AREA SHALL BE USED AS SWING SPACE DURING CONSTRUCTION. COORDINATE WITH GENERAL CONTRACTOR FOR PHASING.
- PROVIDE TEMPORARY POWER AND DATA AS SHOWN. UTILIZE EXISTING SERVICES WHEN AVAILABLE.
- PROVIDE TEMPORARY CABLE PROTECTORS, EXTENSION CORDS, PATCH CABLES, POWER BARS, AND ALL OTHER MISCELLANEOUS EQUIPMENT TO FACILITATE PROVISIONS FOR TEMPORARY WORKSTATIONS.
- REINSTATE TO EXISTING CONDITION ONCE SWING SPACE PHASE IS COMPLETED.

1 PARTIAL SECOND FLOOR POWER AND SYSTEMS PLAN - DEMO
SCALE



GENERAL NOTES:

- CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION. REUSE CIRCUITS OBTAINED FROM DEMOLITION AS THE PRIMARY SOURCE.
- FOR DEVICES IN EXISTING WALLS, PROVIDE SURFACE MOUNT POWER AND DATA CONDUITS ON THE CORNER OF THE ROOM AND PROVIDE LOW LEVEL RACEWAY TO FINAL DEVICE LOCATIONS.

2 PARTIAL SECOND FLOOR POWER AND SYSTEMS PLAN - NEW
SCALE

NO.	DESCRIPTION	DATE
8	ISSUED FOR CONSTRUCTION	2026.08.21
9	ISSUED FOR ADDENDUM E-03	2026.07.10
7	ISSUED FOR ADDENDUM E-02	2026.06.30
6	ISSUED FOR ADDENDUM E-01	2026.06.12
5	ISSUED FOR TENDER	2026.05.01
4	ISSUED FOR BUILDING PERMIT	2026.04.08
3	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1	ISSUED FOR COSTING REVIEW	2025.11.24

NO.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION	2026.08.21

PROJECT

PEEL REGIONAL POLICE

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5

NORTH

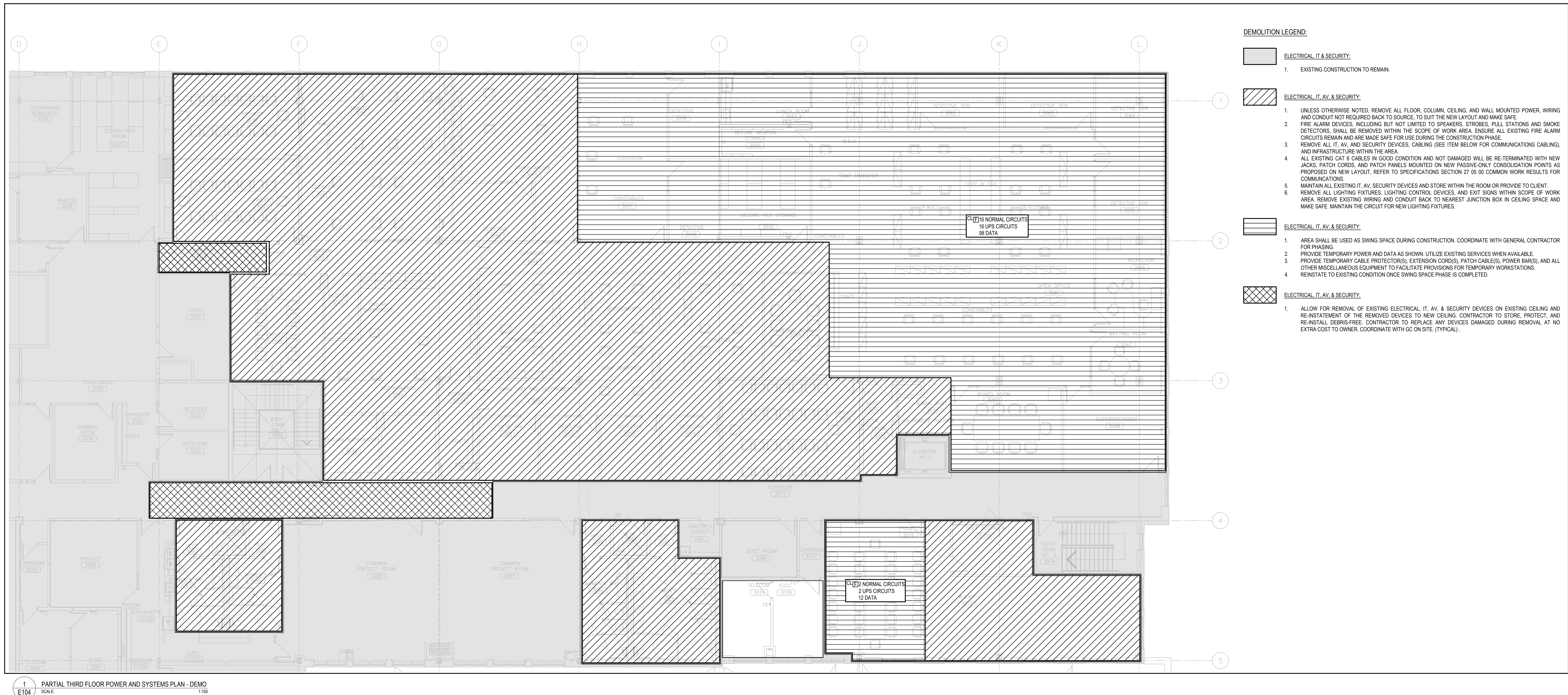
STRUCTURE CONSULTANTS
STEPHENSON ENGINEERING
MECHANICAL CONSULTANT
EXP SERVICES INC.
ELECTRICAL CONSULTANT
EXP SERVICES INC.

SHEET TITLE

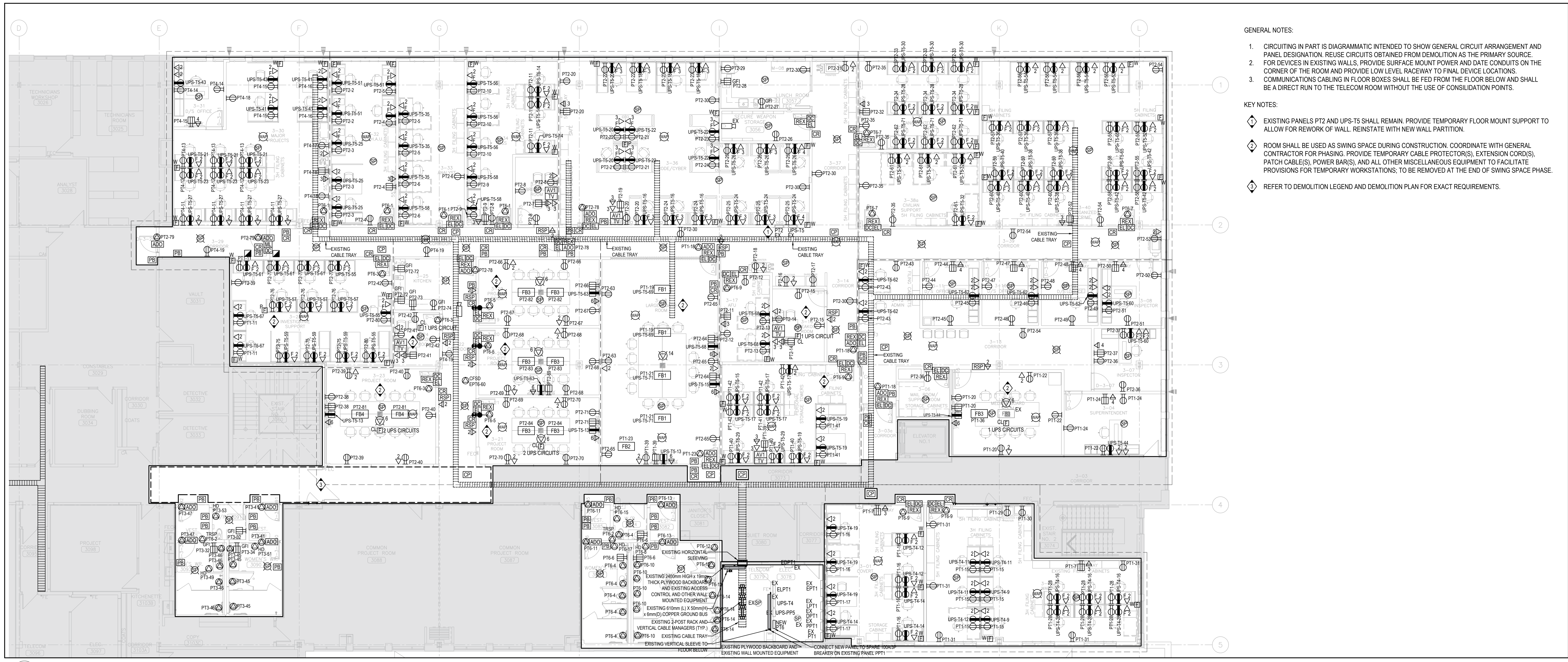
PARTIAL SECOND FLOOR -
POWER AND SYSTEMS -
DEMO & NEW

SHEET NO.	DRAWN BY	CHECKED BY
E103	MR	ME

PROJECT NO.	SCALE
MRK-25008951-A0	



1 PARTIAL THIRD FLOOR POWER AND SYSTEMS PLAN - DEMO
E104 SCALE: 1/8"



2 PARTIAL THIRD FLOOR POWER AND SYSTEMS PLAN - NEW
E104 SCALE: 1/8"

- DEMOLITION LEGEND:
- ELECTRICAL, IT & SECURITY:
 - EXISTING CONSTRUCTION TO REMAIN.
 - ELECTRICAL, IT, AV, & SECURITY:
 - UNLESS OTHERWISE NOTED, REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, WIRING AND CONDUIT NOT REQUIRED BACK TO SOURCE, TO SUIT THE NEW LAYOUT AND MAKE SAFE.
 - FIRE ALARM DEVICES, INCLUDING BUT NOT LIMITED TO SPEAKERS, STROBES, PULL STATIONS AND SMOKE DETECTORS, SHALL BE REMOVED WITHIN THE SCOPE OF WORK AREA. ENSURE ALL EXISTING FIRE ALARM CIRCUITS REMAIN AND ARE MADE SAFE FOR USE DURING THE CONSTRUCTION PHASE.
 - REMOVE ALL IT, AV, AND SECURITY DEVICES, CABLING (SEE ITEM BELOW FOR COMMUNICATIONS CABLING), AND INFRASTRUCTURE WITHIN THE AREA.
 - ALL EXISTING CAT 6 CABLES IN GOOD CONDITION AND NOT DAMAGED WILL BE RE-TERMINATED WITH NEW JACKS, PATCH CORDS, AND PATCH PANELS MOUNTED ON NEW PASSIVE-ONLY CONSOLIDATION POINTS AS PROPOSED ON NEW LAYOUT, REFER TO SPECIFICATIONS SECTION 27 05 00 COMMON WORK RESULTS FOR COMMUNICATIONS.
 - MAINTAIN ALL EXISTING IT, AV, SECURITY DEVICES AND STORE WITHIN THE ROOM OR PROVIDE TO CLIENT.
 - REMOVE ALL LIGHTING FIXTURES, LIGHTING CONTROL DEVICES, AND EXIT SIGNS WITHIN SCOPE OF WORK AREA. REMOVE EXISTING WIRING AND CONDUIT BACK TO NEAREST JUNCTION BOX IN CEILING SPACE AND MAKE SAFE. MAINTAIN THE CIRCUIT FOR NEW LIGHTING FIXTURES.
 - ELECTRICAL, IT, AV, & SECURITY:
 - AREA SHALL BE USED AS SWING SPACE DURING CONSTRUCTION. COORDINATE WITH GENERAL CONTRACTOR FOR PHASING.
 - PROVIDE TEMPORARY POWER AND DATA AS SHOWN, UTILIZE EXISTING SERVICES WHEN AVAILABLE.
 - PROVIDE TEMPORARY CABLE PROTECTOR(S), EXTENSION CORD(S), PATCH CABLE(S), POWER BARS(S), AND ALL OTHER MISCELLANEOUS EQUIPMENT TO FACILITATE PROVISIONS FOR TEMPORARY WORKSTATIONS.
 - REINSTATE TO EXISTING CONDITION ONCE SWING SPACE PHASE IS COMPLETED.
 - ELECTRICAL, IT, AV, & SECURITY:
 - ALLOW FOR REMOVAL OF EXISTING ELECTRICAL, IT, AV, & SECURITY DEVICES ON EXISTING CEILING AND RE-INSTATEMENT OF THE REMOVED DEVICES TO NEW CEILING. CONTRACTOR TO STORE, PROTECT, AND RE-INSTALL DEBRIS-FREE. CONTRACTOR TO REPLACE ANY DEVICES DAMAGED DURING REMOVAL AT NO EXTRA COST TO OWNER. COORDINATE WITH GC ON SITE. (TYPICAL).

- GENERAL NOTES:
- CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION. REUSE CIRCUITS OBTAINED FROM DEMOLITION AS THE PRIMARY SOURCE.
 - FOR DEVICES IN EXISTING WALLS, PROVIDE SURFACE MOUNT POWER AND DATA CONDUITS ON THE CORNER OF THE ROOM AND PROVIDE LOW LEVEL RACEWAY TO FINAL DEVICE LOCATIONS.
 - COMMUNICATIONS CABLING IN FLOOR BOXES SHALL BE FED FROM THE FLOOR BELOW AND SHALL BE A DIRECT RUN TO THE TELECOM ROOM WITHOUT THE USE OF CONSOLIDATION POINTS.
- KEY NOTES:
- EXISTING PANELS PT2 AND UPS-T5 SHALL REMAIN. PROVIDE TEMPORARY FLOOR MOUNT SUPPORT TO ALLOW FOR REWORK OF WALL. REINSTATE WITH NEW WALL PARTITION.
 - ROOM SHALL BE USED AS SWING SPACE DURING CONSTRUCTION. COORDINATE WITH GENERAL CONTRACTOR FOR PHASING. PROVIDE TEMPORARY CABLE PROTECTOR(S), EXTENSION CORD(S), PATCH CABLE(S), POWER BARS(S), AND ALL OTHER MISCELLANEOUS EQUIPMENT TO FACILITATE PROVISIONS FOR TEMPORARY WORKSTATIONS. TO BE REMOVED AT THE END OF SWING SPACE PHASE.
 - REFER TO DEMOLITION LEGEND AND DEMOLITION PLAN FOR EXACT REQUIREMENTS.

REVISIONS	
NO.	DESCRIPTION
8	ISSUED FOR CONSTRUCTION 2026.08.21
7	ISSUED FOR ADDENDUM E-02 2026.07.03
6	ISSUED FOR BUILDING PERMIT 2026.06.18
5	ISSUED FOR ADDENDUM E-01 2026.06.12
4	ISSUED FOR TENDER 2026.05.01
3	ISSUED FOR 100% CLIENT REVIEW 2026.04.08
2	ISSUED FOR 66% CLIENT REVIEW 2026.03.31
1	ISSUED FOR COSTING REVIEW 2026.01.09
NO.	DESCRIPTION
DATE	DATE

PROJECT

PEEL REGIONAL POLICE

REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L7Y 2Y5

NCA
ARCHITECTS

STRUCTURAL CONSULTANT
STEPHENSON ENGINEERING
MECHANICAL CONSULTANT
EXP SERVICES INC.
ELECTRICAL CONSULTANT
EXP SERVICES INC.

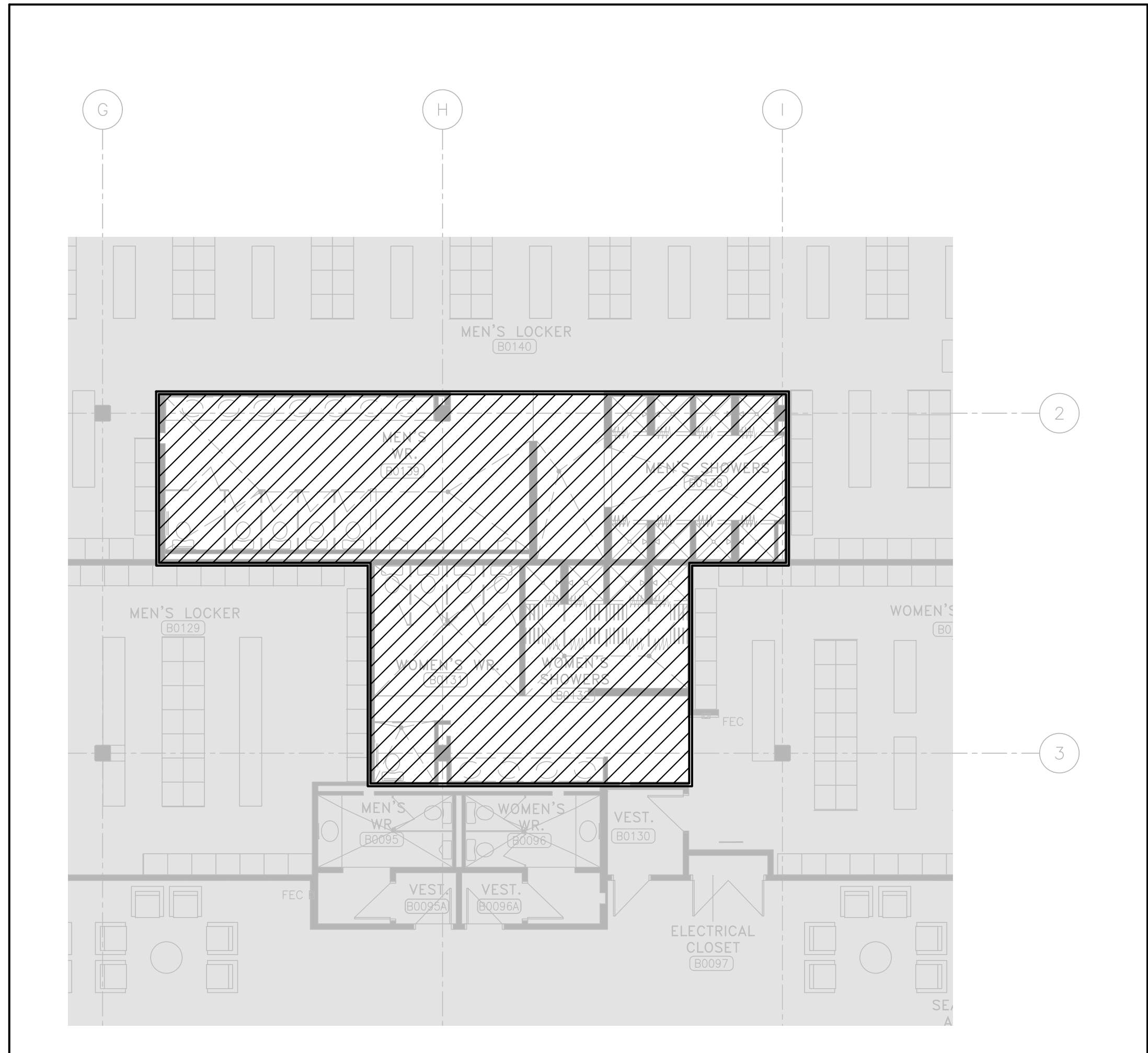
NORTH

SHEET TITLE
**PARTIAL THIRD FLOOR -
POWER AND SYSTEMS -
DEMO & NEW**

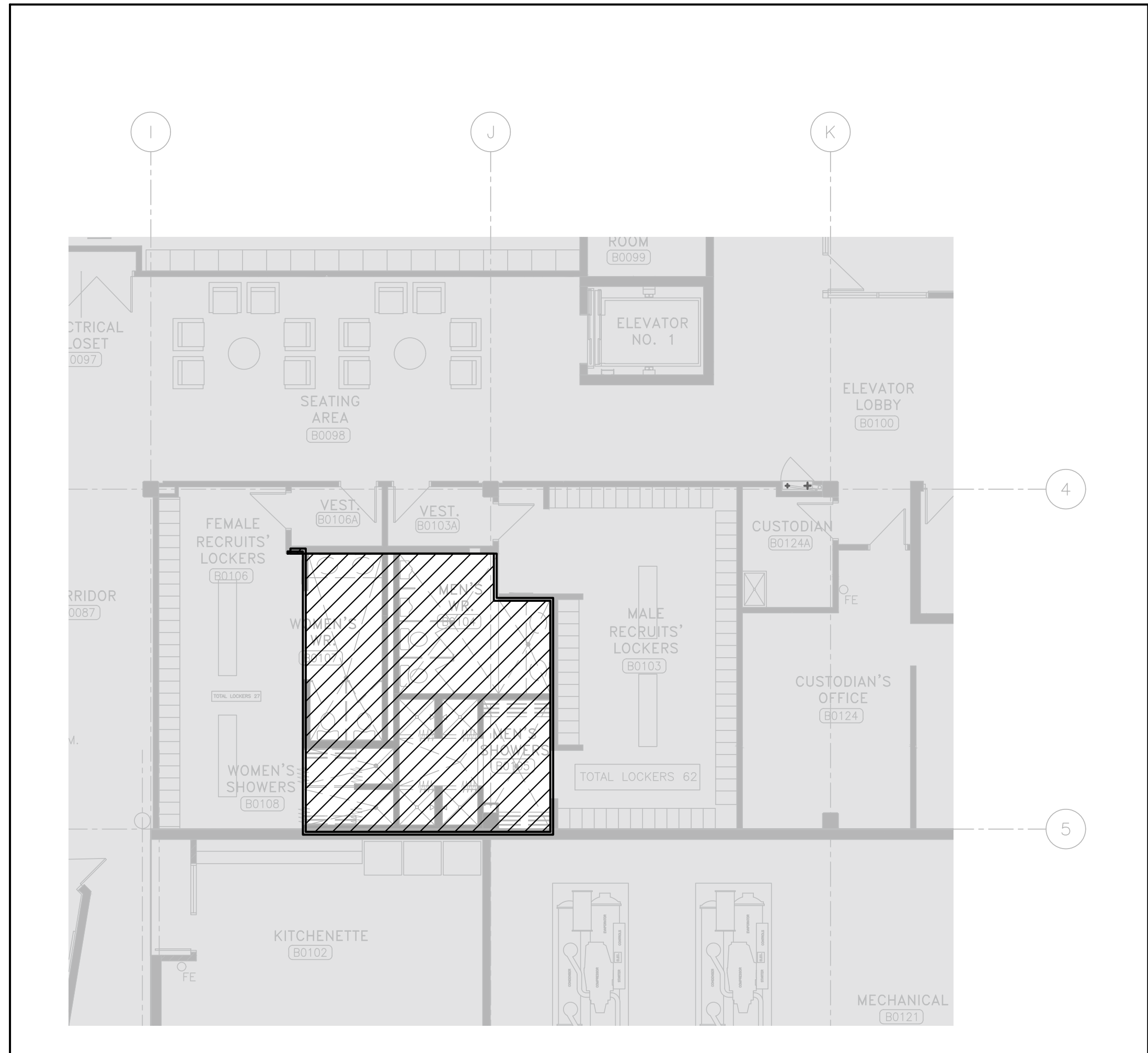
SHEET NO.	DRAWN BY	CHECKED BY
E104	MR	ME

PROJECT NO.
MRK-25008951-A0

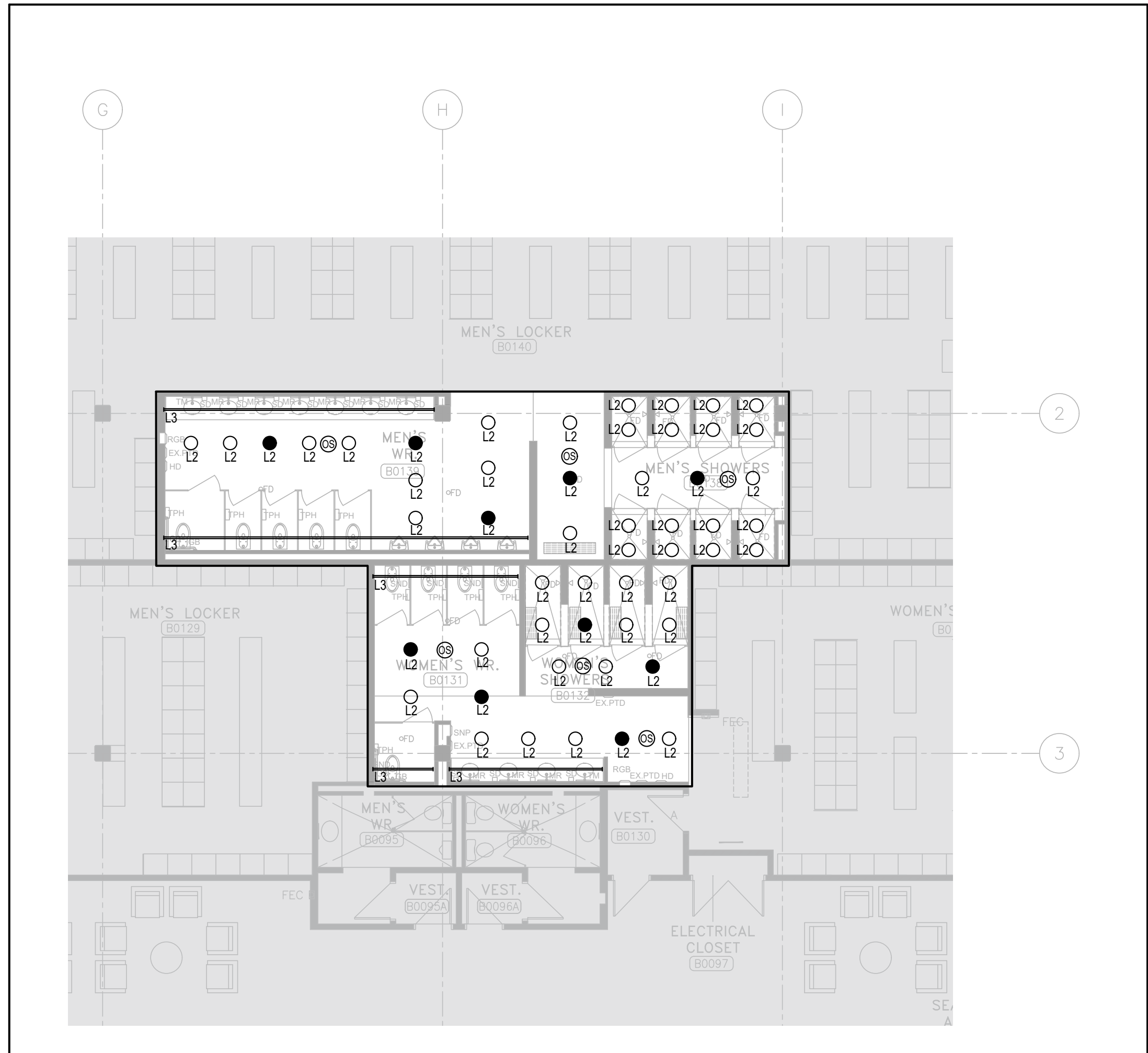
SCALE



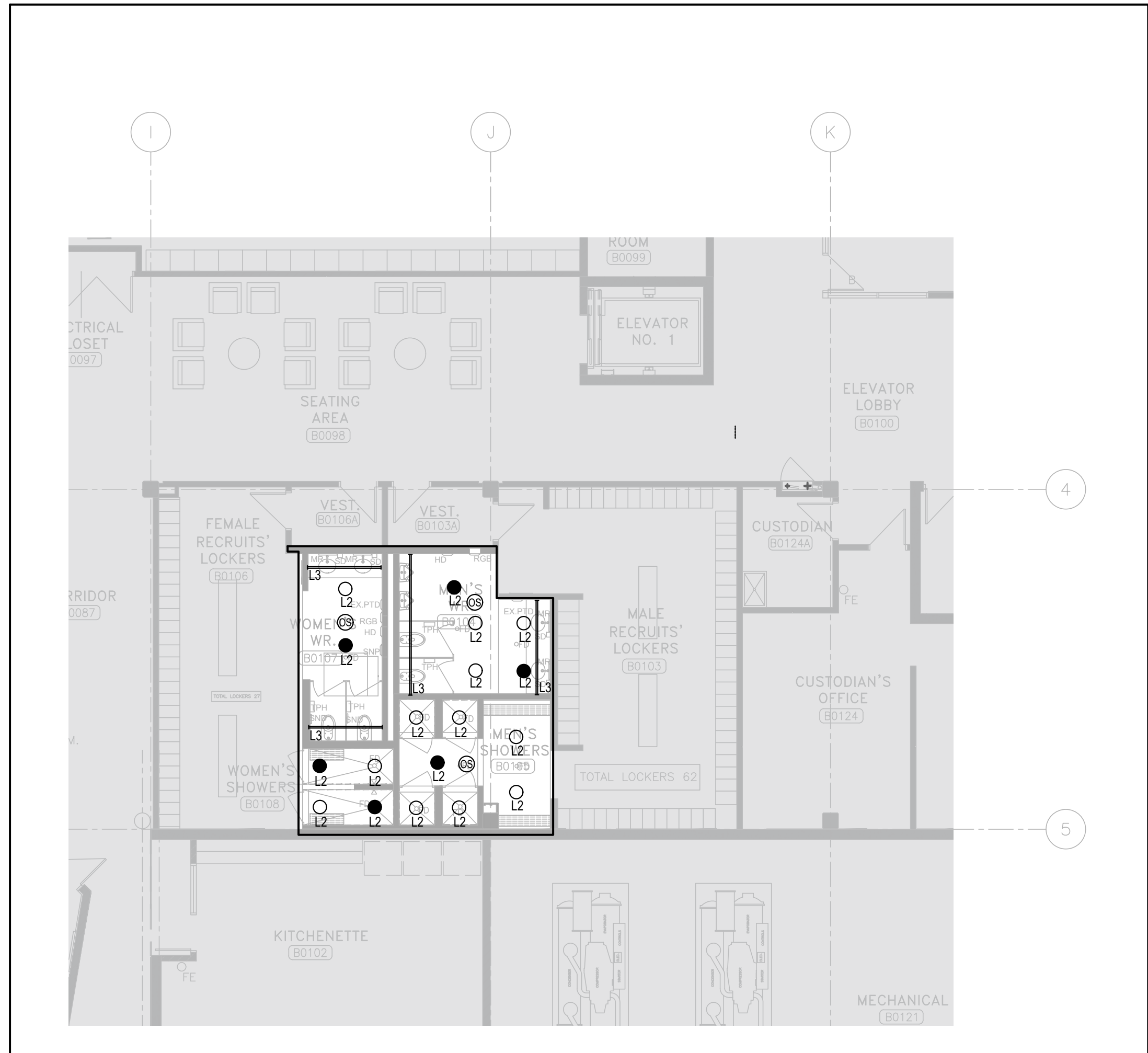
1 PARTIAL BASEMENT LIGHTING PLAN - DEMO
E201 SCALE: 1:100



2 PARTIAL BASEMENT LIGHTING PLAN - DEMO
E201 SCALE: 1:100



3 PARTIAL BASEMENT LIGHTING PLAN - NEW
E201 SCALE: 1:100



4 PARTIAL BASEMENT LIGHTING PLAN - NEW
E201 SCALE: 1:100

DEMOLITION LEGEND:

ELECTRICAL, IT & SECURITY:

- EXISTING CONSTRUCTION TO REMAIN

ELECTRICAL, IT, AV, & SECURITY:

- UNLESS OTHERWISE NOTED, REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, WIRING AND CONDUIT NOT REQUIRED BACK TO SOURCE, TO SUIT THE NEW LAYOUT AND MAKE SAFE.
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- REMOVE ALL IT, AV AND SECURITY DEVICES, CABLEING AND INFRASTRUCTURE WITHIN THE AREA.
- MAINTAIN ALL EXISTING IT, AV, SECURITY DEVICES AND STORE WITHIN THE ROOM OR PROVIDE TO CLIENT.
- ALL EXISTING CAT 6 CABLES WILL BE RE-TERMINATED WITH NEW JACKS, PATCH CORDS, AND PATCH PANELS MOUNTED ON NEW PASSIVE-ONLY CONSOLIDATION POINTS AS PROPOSED ON NEW LAYOUT.
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GENERAL NOTES:

- REUSE EXISTING LIGHTING CIRCUITS FOUND IN CEILING SPACE FOR ALL LIGHTING FIXTURES. DO NOT OVERLOAD CIRCUITS. PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED.
- ALL NEW LIGHTING SHALL TIE BACK INTO EXISTING BUILDING LIGHTING CONTROL SYSTEM.
- LIGHTING FIXTURES IDENTIFIED AS EMERGENCY ARE TO BE CONNECTED SO THAT UNDER NORMAL CONDITIONS THEY WORK IN CONJUNCTION WITH THE SWITCHING AS IDENTIFIED. IN THE EVENT OF AN EMERGENCY, THESE LIGHTS ARE TO BE FORCED ON WITH THE USE OF A UL-924 LISTED RELAY. UPON POWER FAILURE THE RELAY IS TO ACTIVATE THE LIGHTS TO FULL BRIGHTNESS.

6. ISSUED FOR CONSTRUCTION 2026.08.21

5. ISSUED FOR TENDER 2026.05.01

4. ISSUED FOR BUILDING PERMIT 2026.04.08

3. ISSUED FOR 100% CLIENT REVIEW 2026.03.31

2. ISSUED FOR 66% CLIENT REVIEW 2026.01.09

1. ISSUED FOR COSTING REVIEW 2025.11.24

NO. DESCRIPTION DATE

REVISIONS

PROJECT



REGION OF PEEL

EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5



The customer shall check and verify all dimensions and ensure all work is completed in accordance with the design and the design professional shall not be responsible for any errors or omissions in the design.

STRUCTURAL CONSULTANT

STEPHENSON ENGINEERING

MECHANICAL CONSULTANT

EXP SERVICES INC.

ELECTRICAL CONSULTANT

EXP SERVICES INC.

SHEET TITLE

PARTIAL BASEMENT FLOOR -

LIGHTING - DEMO & NEW

SHEET NO.

E201

DRAWN BY

MRK

CHECKED BY

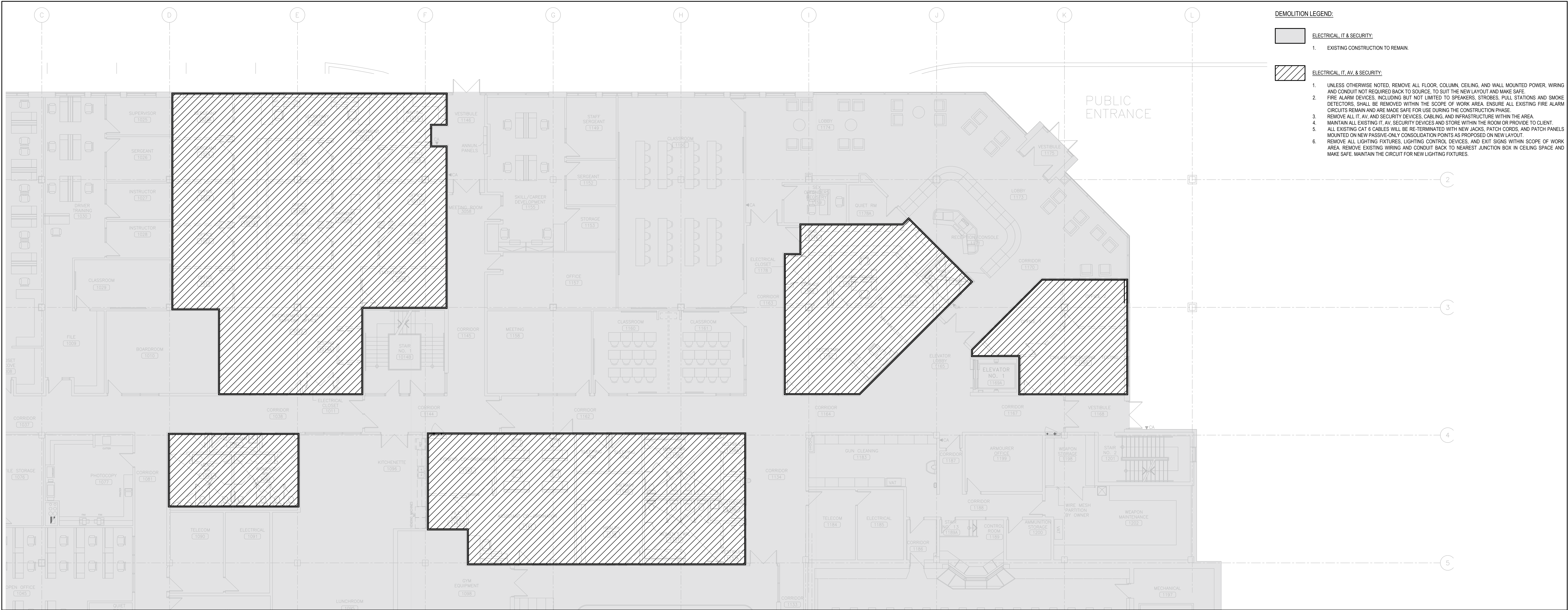
MRK

PROJECT NO.

MRK-25008951-A0

SCALE

1:100



1
E202
PARTIAL GROUND FLOOR LIGHTING PLAN - DEMO
SCALE 1/160



2
E202
PARTIAL GROUND FLOOR LIGHTING PLAN - NEW
SCALE 1/160

DEMOLITION LEGEND:

ELECTRICAL, IT & SECURITY:

- EXISTING CONSTRUCTION TO REMAIN.

ELECTRICAL, IT, AV, & SECURITY:

- UNLESS OTHERWISE NOTED, REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, WIRING AND CONDUIT NOT REQUIRED BACK TO SOURCE. TO SUIT THE NEW LAYOUT AND MAKE SAFE.
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- MAINTAIN ALL EXISTING IT, AV, SECURITY DEVICES AND STORE WITHIN THE ROOM OR PROVIDE TO CLIENT.
- ALL EXISTING CAT & CABLES WILL BE RE-TERMINATED WITH NEW JACS, PATCH CORDS, AND PATCH PANELS MOUNTED ON NEW PASSIVE-ONLY CONSOLIDATION POINTS AS PROPOSED ON NEW LAYOUT.
- REMOVE ALL LIGHTING FIXTURES, LIGHTING CONTROL DEVICES, AND EXIT SIGNS WITHIN SCOPE OF WORK AREA. REMOVE EXISTING WIRING AND CONDUIT BACK TO NEAREST JUNCTION BOX IN CEILING SPACE AND MAKE SAFE. MAINTAIN THE CIRCUIT FOR NEW LIGHTING FIXTURES.

GENERAL NOTES:

- REUSE EXISTING LIGHTING CIRCUITS FOUND IN CEILING SPACE FOR ALL LIGHTING FIXTURES. DO NOT OVERLOAD CIRCUITS. PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED.
- ALL NEW LIGHTING SHALL TIE BACK INTO EXISTING BUILDING LIGHTING CONTROL SYSTEM.
- LIGHTING FIXTURES IDENTIFIED AS EMERGENCY ARE TO BE CONNECTED SO THAT UNDER NORMAL CONDITIONS THEY WORK IN CONJUNCTION WITH THE SWITCHING AS IDENTIFIED. IN THE EVENT OF AN EMERGENCY, THESE LIGHTS ARE TO BE FORCED ON WITH THE USE OF A UL-924 LISTED RELAY. UPON POWER FAILURE THE RELAY IS TO ACTIVATE THE LIGHTS TO FULL BRIGHTNESS.

NO.	DESCRIPTION	DATE
6	ISSUED FOR CONSTRUCTION	2026.08.21
5	ISSUED FOR TENDER	2026.05.01
4	ISSUED FOR BUILDING PERMIT	2026.04.08
3	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1	ISSUED FOR COSTING REVIEW	2025.11.24

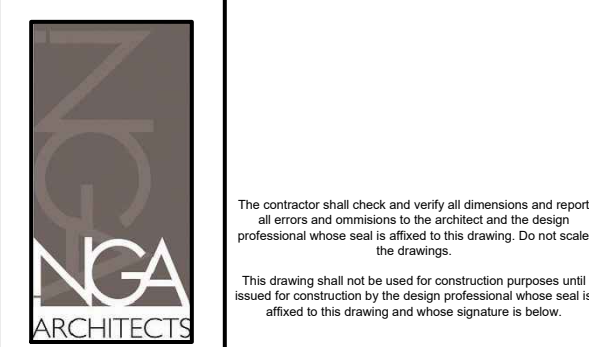
REVISIONS

PROJECT



REGION OF PEEL

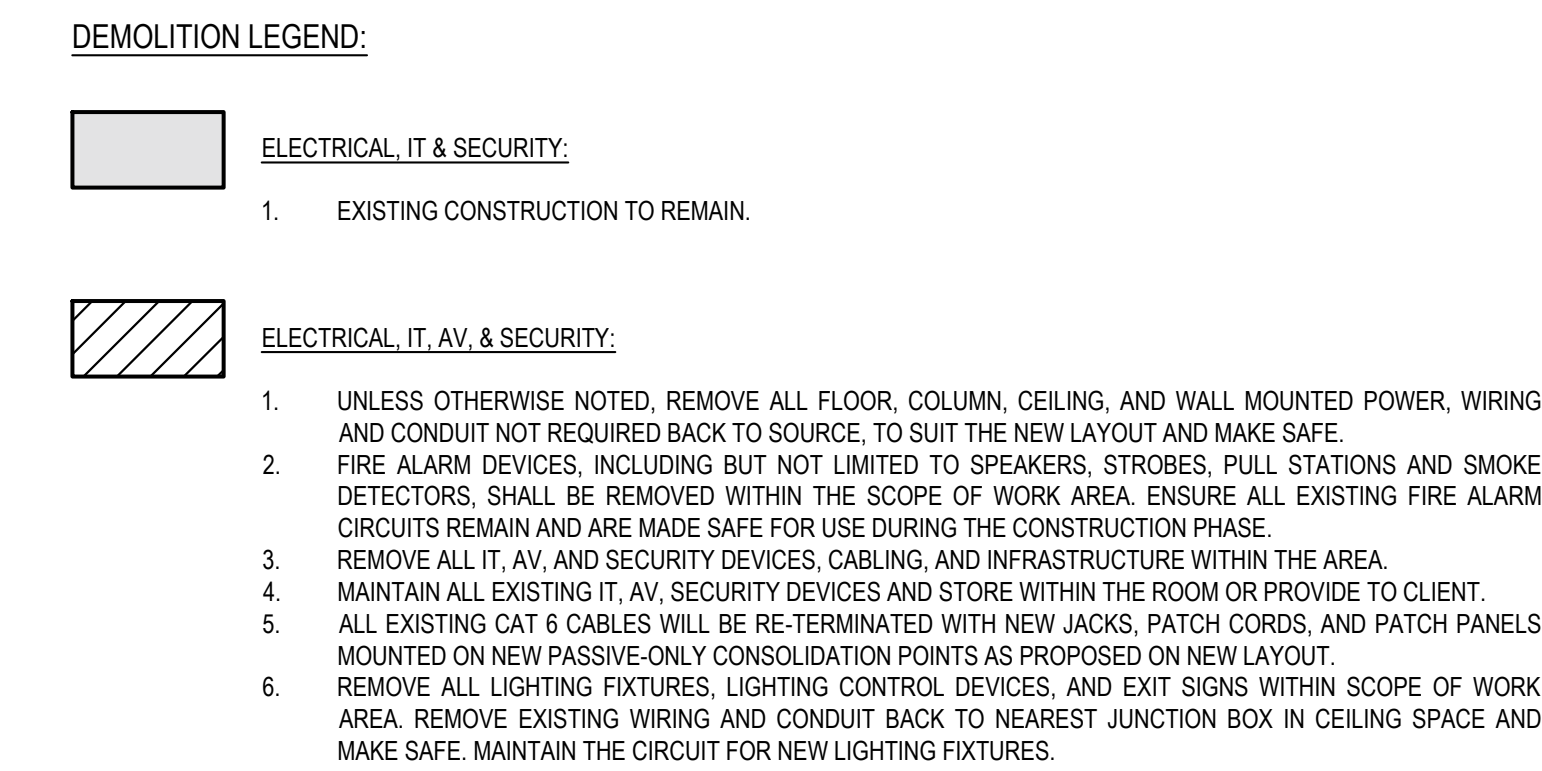
EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5



STRUCTURAL CONSULTANT
STEPHENSON ENGINEERING
MECHANICAL CONSULTANT
EXP SERVICES INC.
ELECTRICAL CONSULTANT
EXP SERVICES INC.

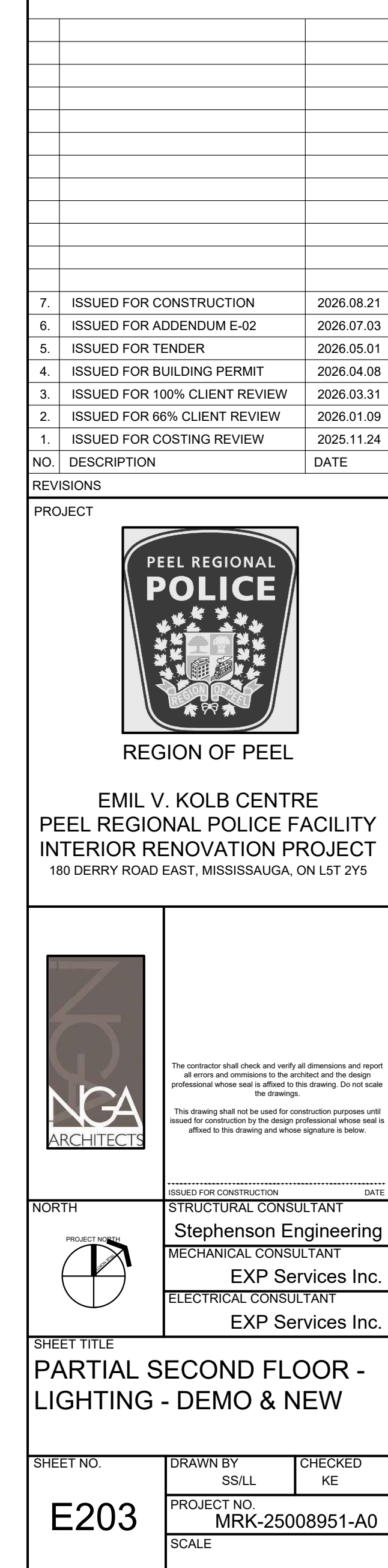
SHEET TITLE
PARTIAL GROUND FLOOR -
LIGHTING - DEMO & NEW

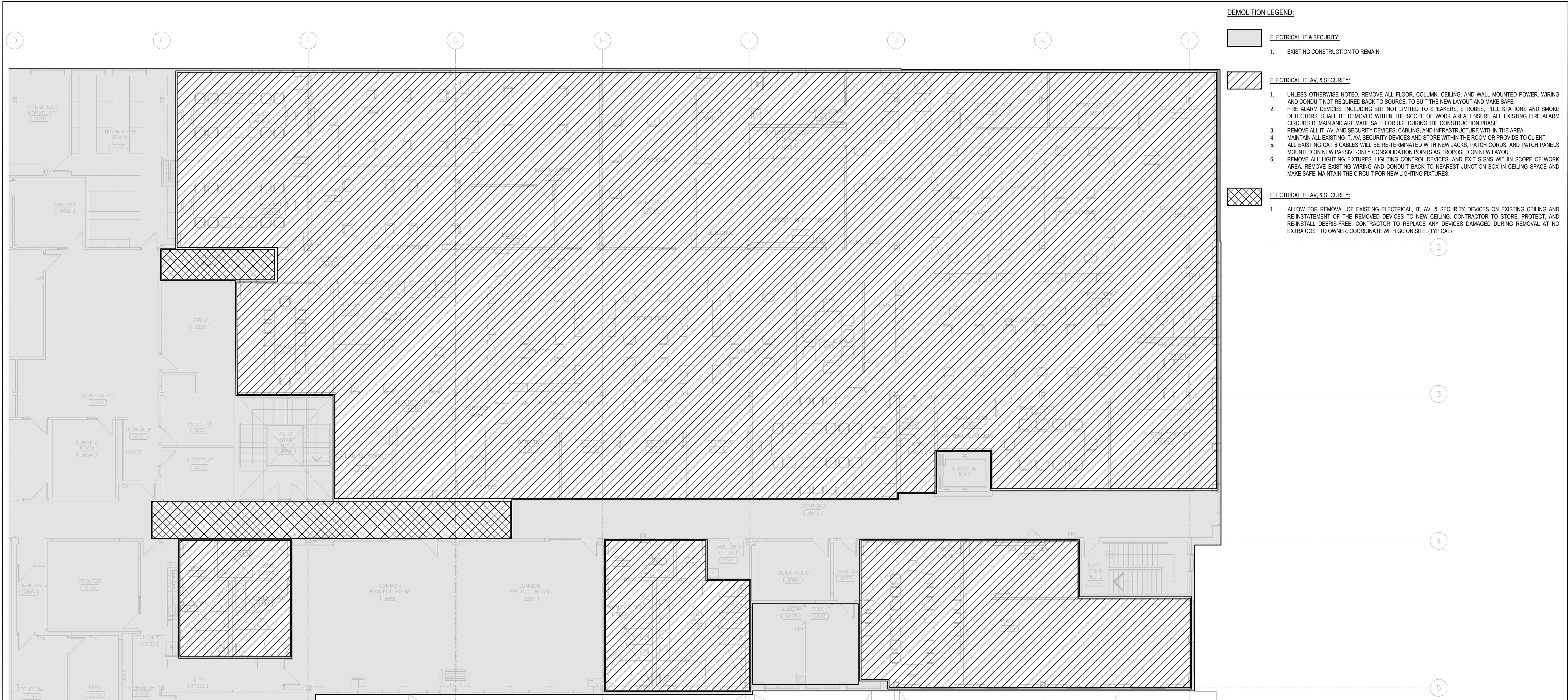
SHEET NO.	DRAWN BY	CHECKED
E202	MBL	ME
PROJECT NO.	MRK-25008951-A0	
SCALE		



GENERAL NOTES:

1. REUSE EXISTING LIGHTING CIRCUITS FOUND IN CEILING SPACE FOR ALL LIGHTING FIXTURES. DO NOT OVERLOAD CIRCUITS. PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED.
2. ALL NEW LIGHTING SHALL TIE BACK INTO EXISTING BUILDING LIGHTING CONTROL SYSTEM.
3. LIGHTING FIXTURES IDENTIFIED AS EMERGENCY ARE TO BE CONNECTED SO THAT UNDER NORMAL CONDITIONS THEY WORK IN CONJUNCTION WITH THE SWITCHING AS IDENTIFIED. IN THE EVENT OF AN EMERGENCY, THESE LIGHTS ARE TO BE FORCED ON WITH THE USE OF A UL-924 LISTED RELAY. UPON POWER FAILURE, THE RELAY IS TO ACTIVATE THE LIGHTS TO FULL BRIGHTNESS.





DEMOLITION LEGEND:

ELECTRICAL, IT & SECURITY:

- EXISTING CONSTRUCTION TO REMAIN.

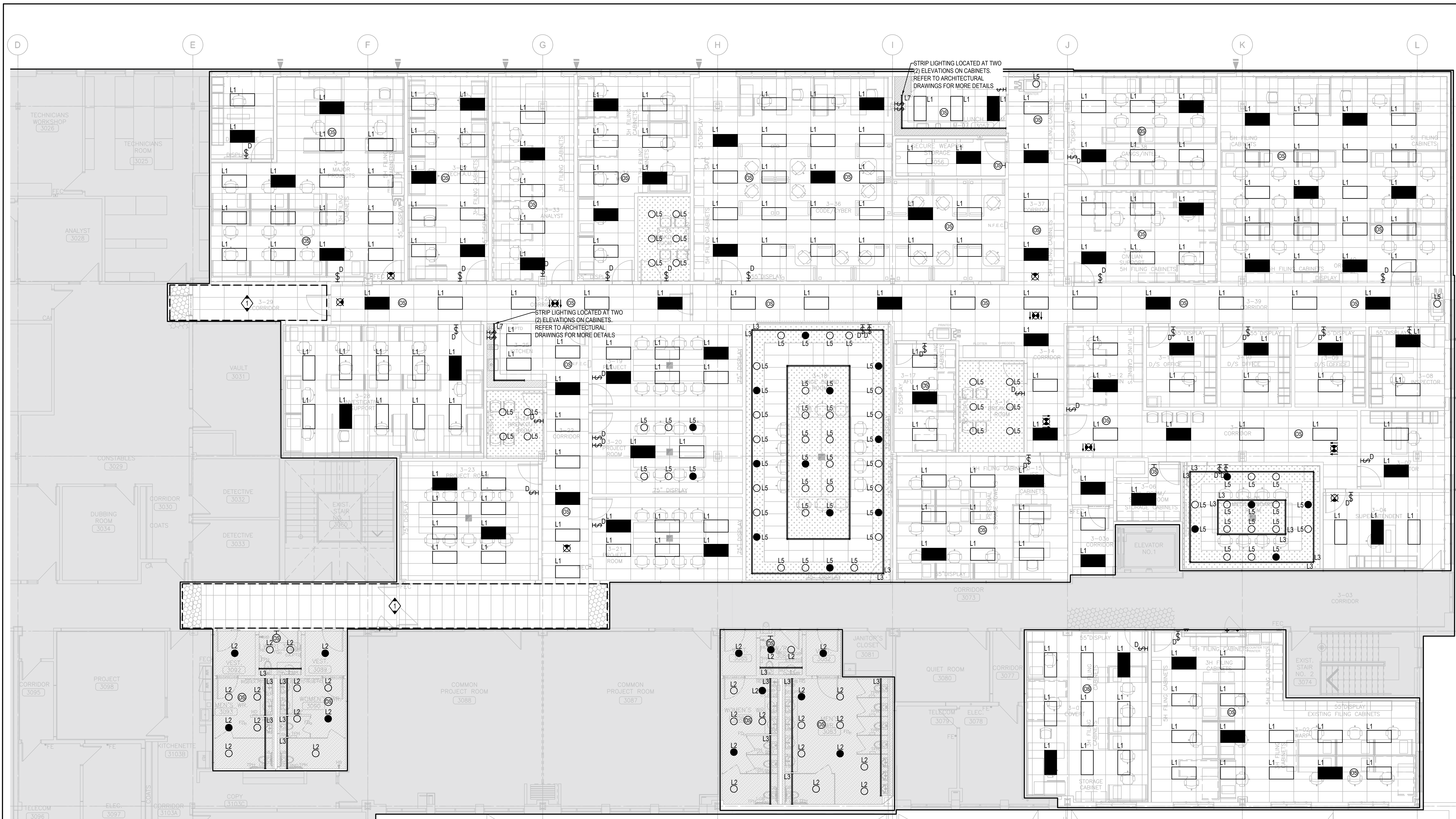
ELECTRICAL, IT, AV, & SECURITY:

- UNLESS OTHERWISE NOTED, REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, WIRING AND CONDUIT NOT REQUIRED BACK TO SOURCE, TO SUIT THE NEW LAYOUT AND MAKE SAFE.
- FIRE ALARM DEVICES, INCLUDING BUT NOT LIMITED TO SPEAKERS, STROBES, PULL STATIONS AND SMOKE DETECTORS, SHALL BE REMOVED WITHIN THE SCOPE OF WORK AREA. ENSURE ALL EXISTING FIRE ALARM CIRCUITS REMAIN AND ARE MADE SAFE FOR USE DURING THE CONSTRUCTION PHASE.
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- ALL EXISTING CAT 6 CABLES WILL BE RE-TERMINATED WITH NEW JACKS, PATCH CORDS, AND PATCH PANELS MOUNTED ON NEW PASSIVE-ONLY CONSOLIDATION POINTS AS PROPOSED ON NEW LAYOUT.
- REMOVE ALL LIGHTING FIXTURES, LIGHTING CONTROL DEVICES, AND EXIT SIGNS WITHIN SCOPE OF WORK AREA. REMOVE EXISTING WIRING AND CONDUIT BACK TO NEAREST JUNCTION BOX IN CEILING SPACE AND MAKE SAFE. MAINTAIN THE CIRCUIT FOR NEW LIGHTING FIXTURES.

ELECTRICAL, IT, AV, & SECURITY:

- ALLOW FOR REMOVAL OF EXISTING ELECTRICAL, IT, AV, & SECURITY DEVICES ON EXISTING CEILING AND RE-INSTALLMENT OF THE REMOVED DEVICES TO NEW CEILING. CONTRACTOR TO STORE, PROTECT, AND RE-INSTALL, DEBRIS-FREE. CONTRACTOR TO REPLACE ANY DEVICES DAMAGED DURING REMOVAL AT NO EXTRA COST TO OWNER. COORDINATE WITH GC ON SITE. (TYPICAL).

1 PARTIAL THIRD FLOOR LIGHTING PLAN - DEMO
SCALE: 1/160



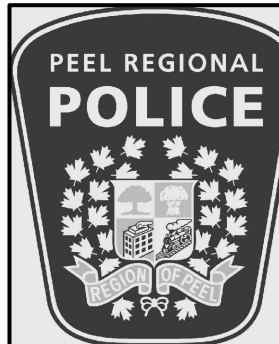
GENERAL NOTES:

- REUSE EXISTING LIGHTING CIRCUITS FOUND IN CEILING SPACE FOR ALL LIGHTING FIXTURES. DO NOT OVERLOAD CIRCUITS. PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED.
- ALL NEW LIGHTING SHALL BE TIED BACK INTO EXISTING BUILDING LIGHTING CONTROL SYSTEM.
- LIGHTING FIXTURES IDENTIFIED AS EMERGENCY ARE TO BE CONNECTED SO THAT UNDER NORMAL CONDITIONS THEY WORK IN CONJUNCTION WITH THE SWITCHING AS IDENTIFIED. IN THE EVENT OF AN EMERGENCY, THESE LIGHTS ARE TO BE FORCED ON WITH THE USE OF A UL-924 LISTED RELAY. UPON POWER FAILURE THE RELAY IS TO ACTIVATE THE LIGHTS TO FULL BRIGHTNESS.

KEY NOTES:

- REFER TO DEMOLITION LEGEND AND DEMOLITION PLAN FOR EXACT REQUIREMENTS.

2 PARTIAL THIRD FLOOR LIGHTING PLAN - NEW
SCALE: 1/160

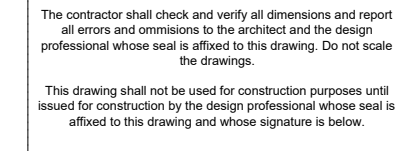
2. ISSUED FOR CONSTRUCTION		2026.08.21
6. ISSUED FOR ADDENDUM E-02		2026.07.03
6. ISSUED FOR TENDER		2026.05.01
4. ISSUED FOR BUILDING PERMIT		2026.04.08
3. ISSUED FOR 100% CLIENT REVIEW		2026.03.31
2. ISSUED FOR 66% CLIENT REVIEW		2026.01.09
1. ISSUED FOR COSTING REVIEW		2025.11.24
NO.	DESCRIPTION	DATE
REVISIONS		
PROJECT		
		
REGION OF PEEL		
EMIL V. KOLB CENTRE PEEL REGIONAL POLICE FACILITY INTERIOR RENOVATION PROJECT 180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5		
		
The customer shall check and verify all dimensions and quantities and shall be responsible for the accuracy of the design information and shall be responsible for the accuracy of the design information and shall be responsible for the accuracy of the design information.		
NORTH		
		
SHEET TITLE PARTIAL THIRD FLOOR - LIGHTING - DEMO & NEW		
SHEET NO.	DRAWN BY	CHECKED BY
E204	MR	ME
PROJECT NO.	MRK-25008951-A0	
SCALE		

NOTES:

1. ALL FINISHES, FLANGE, AND PLASTER COLOURS SHALL BE CONFIRMED WITH THE ARCHITECT PRIOR TO ORDERING LUMINAIRES.
2. ALL LUMINAIRES SHALL BE CSA APPROVED.
3. CONTRACTOR SHALL PROVIDE MOUNTING ACCESSORIES AND HARDWARE TO SUIT CEILING AND WALL FINISHES.
4. PROVIDE PROPOSED EQUAL FIXTURES FOR CONSULTANTS AND CLIENTS TO APPROVAL DURING TENDER. PROVIDE INFORMATION OF PROPOSED APPROVED EQUAL LIGHT FIXTURES INCLUDING BUT NOT LIMITED TO LIGHT FIXTURE CUTSHEETS, PHOTOMETRICS, AND RECENT REFERENCE PROJECTS.
5. PROVIDE ACCESSORIES INCLUDING DRIVERS AND STEP-DOWN TRANSFORMERS AS REQUIRED TO MAKE A WORKING SYSTEM.



8.	ISSUED FOR CONSTRUCTION	2026.08.21
7.	RE-ISSUED FOR BUILDING PERMIT	2026.08.11
6.	ISSUED FOR ADDENDUM E-02	2026.07.03
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24
NO.	DESCRIPTION	DATE



5 WIRELESS ACCESS POINT SUSPENDED CEILING MOUNT DETAIL

6 CEILING MOUNTED FIXED CAMERA DETAIL
E311 NTS

7 CAMERA WALL MOUNTED DETAIL
E311 NTS

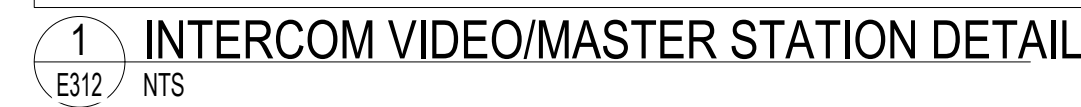
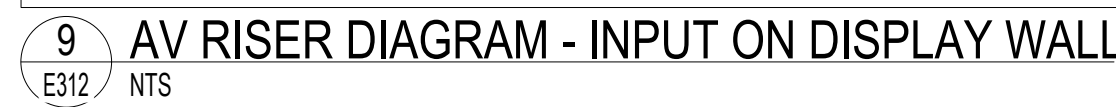
1 COMMUNICATIONS RISER DIAGRAM

4 STANDARD MODULAR FURNITURE DATA OUTLET

3 STANDARD SINGLE GANG DATA OUTLET

2 EIA/ TIA T568A WIRING SCHEME DETAIL

7.	ISSUED FOR CONSTRUCTION	2026-08-21
6.	ISSUED FOR ADDENDUM-6-03	2026-07-10
5.	ISSUED FOR TENDER	2026-05-01
4.	ISSUED FOR BUILDING PERMIT	2025-04-08
3.	ISSUED FOR 100% CLIENT REVIEW	2025-03-31
2.	ISSUED FOR 60% CLIENT REVIEW	2025-01-09
1.	ISSUED FOR COSTING REVIEW	2025-11-24
NO DESCRIPTION		DATE
REVISIONS		
PROJECT		
 REGION OF PEEL		
EMIL V. KOLB CENTRE PEEL REGIONAL POLICE FACILITY INTERIOR RENOVATION PROJECT 160 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2V5		
 NGA ARCHITECTS		
The customer shall check and verify all information as stated on this drawing and shall be responsible for any errors or omissions. The customer shall be responsible for obtaining all necessary permits and approvals for this project. The customer shall be responsible for obtaining all necessary permits and approvals for this project.		
REVISION INFORMATION		
STRUCTURAL CONSULTANT Stephenson Engineering MECHANICAL CONSULTANT EXP Services Inc. ELECTRICAL CONSULTANT EXP Services Inc.		
NORTH		
SHEET TITLE TECHNOLOGY DETAILS		
SHEET NO. E311		
DRAWN BY SBLL		
CHECKED KE		
PROJECT NO. MRK-25008951-A-0		
SCALE		

[illegible]

PANEL NAME: PB-3				PHASE VOLTAGE [V]				120/LOAD A [KW]				
LOCATION: ELEC CLOSE B0297 - BASEMENT FLOOR				LINE VOLTAGE [V]				LOAD B [KW]				
FED FROM: PANEL PPB-1				PHASE				LOAD C [KW]				
				WIRE:				TOTAL KW				
				MANS (A)				222 CURRENT A (A)				
				MAIN BREAKER (A)				CURRENT B (A)				
				C (A)				CURRENT C (A)				
DESCRIPTION	CONN (LOAD#)	D (NO)	DEMAND LOAD	BKR (A)	CCT (A)	D (NO)	CCT (A)	BKR (A)	DEMAND LOAD	CONN (LOAD#)	D (NO)	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	EXISTING LOAD
TOILETS, WR B0130	0	100	0	15	3	B	3	15	0	0	100	EXISTING LOAD
SNKS, WR B0131	0	100	0	15	5	C	6	15	0	0	100	EXISTING LOAD
GRF RECEPTACLES, WR B0131	0	100	0	15	7	A	8	15	0	0	100	EXISTING LOAD
HAND DRYER	0	100	0	15	9	B	10	15	0	0	100	HAND DRYER
HAND DRYER	0	100	0	15	11	C	12	15	0	0	100	HAND DRYER
SPARE	0	100	0	15	13	A	14	15	0	0	100	SPARE
SPARE	0	100	0	15	15	B	16	15	0	0	100	SPARE
SPARE	0	100	0	15	17	C	18	15	0	0	100	SPARE
SPARE	0	100	0	15	19	A	20	15	0	0	100	SPARE
SPARE	0	100	0	15	21	B	22	15	0	0	100	SPARE
SPARE	0	100	0	15	23	C	24	15	0	0	100	SPARE
SPARE	0	100	0	15	25	A	26	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	27	B	28	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	29	C	30	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	31	A	32	15	0	0	100	SPARE
EXISTING LOAD	0	100	0	15	33	B	34	20	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	36	C	36	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	37	A	38					
EXISTING LOAD	0	100	0	20	39	B	40	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	41	C	42					
TOILETS, WR B0130	0	100	0	15	43	A	44	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	45	B	46	15	0	0	100	EXISTING LOAD
GRF RECEPTACLES, WR B0131/B0130	0	100	0	15	47	C	48	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	49	A	50	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	51	B	52	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	53	C	54	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	55	A	56	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	57	B	58	15	0	0	100	EXISTING LOAD
TOILETS AND SNKS, WR B0130/B0131	0	100	0	15	59	C	60	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	61	A	62	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	63	B	64	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	65	C	66	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	67	A	68	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	69	B	70	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	71	C	72					
SPARE	0	100	0	15	73	A	74	0	0	0	100	SPACE
SPARE	0	100	0	15	75	B	76	0	0	0	100	SPACE
SPARE	0	100	0	15	77	C	78	0	0	0	100	SPACE
SPARE	0	100	0	15	79	A	80	0	0	0	100	SPACE
SPARE	0	100	0	15	81	B	82	0	0	0	100	SPACE
SPARE	0	100	0	15	83	A	84	0	0	0	100	SPACE

3	PANEL PB3
E402	SCALE: N.T.S.

PANEL NAME: P13

LOCATION: SECOND FLOOR

FED FROM: PANEL P12

PHASE VOLTAGE [V]

208/LOAD B [kW]

4/LOAD C [kW]

4/TOTAL [kW]

225/CURRENT A [A]

CURRENT B [A]

CURRENT C [A]

DESCRIPTION	CONN LOAD[W]	BT [%]	DEMAND LOAD	BRK CCT	NO.	CCT	NO.	BRK CCT	NO.	CONN LOAD[W]	BT [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	3	B	4	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	7	B	8	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	11	C	12	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	13	A	14	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	15	B	16	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	17	C	18	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	19	A	20	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	21	B	22	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	23	C	24	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	25	A	26	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	27	B	28	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	29	C	30	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	31	A	32	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	33	B	34	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	35	C	36	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	37	A	38	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	39	B	40	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	41	C	42	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	43	A	44	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	45	B	46	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	47	C	48	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	49	A	50	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	51	B	52	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	53	C	54	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	55	A	56	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	57	B	58	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	59	C	60	20	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	61	A	62	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	63	B	64	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	65	C	66	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	67	A	68	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	20	69	B	70	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	71	C	72	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	73	A	74	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	75	B	76	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	77	C	78	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	79	A	80	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	81	B	82	15	0	0	100	EXISTING LOAD
EXISTING LOAD	0	100	0	15	83	C	84	15	0	0	100	EXISTING LOAD

2	PANEL PT3
E402	SCALE: N.T.S.

[illegible]

1	PANEL PG1
E402	SCALE: N.T.S.

PANEL NAME: PG2			PHASE VOLTAGE [V]			120[LOAD A [KW]			
LOCATION: ELECTRICAL CLOSET 1178			LINE VOLTAGE [V]			208 D [KW]			
FED FROM: PANEL PG0-1			PHASE			LOAD C [KW]			
			WIRE:			4 TOTAL [KW]			
			MANS [A]			225 CURRENT [A]			
			MAIN BREAKER [A]			CURRENT B [A]			
			[C [A]			CURRENT C [A]			
DESCRIPTION	CONN LOAD[V]	D [%]	DEMAND LOAD [A]	BKR [A]	CT	BKR [A]	DEMAND LOAD[V]	D [%]	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	0	100 EXISTING LOAD
SPARE	0	100	0	15	3	B	4	15	0 EXISTING LOAD
EXISTING LOAD	0	100	0	15	5	C	6	15	0 EXISTING LOAD
EXISTING LOAD	0	100	0	15	7	A	8	15	0 100 RECEPTACLES G-220/230/24
EXISTING LOAD	0	100	0	15	9	B	10	15	0 EXISTING LOAD
EXISTING LOAD	0	100	0	20	11	C	12	15	0 100 RECEPTACLES G-220/230/24
EXISTING LOAD	0	100	0	20	13	A	14	15	0 100 EXISTING LOAD
EXISTING LOAD	0	100	0	15	15	B	16	15	0 EXISTING LOAD
RECEPTACLES G-20	0	100	0	15	17	C	18	15	0 100 RECEPTACLES G-220
EXISTING LOAD	0	100	0	15	19	A	20	15	0 EXISTING LOAD
EXISTING LOAD	0	100	0	15	21	B	22	15	0 EXISTING LOAD
RECEPTACLES G-20	0	100	0	15	23	C	24	15	0 100 EXISTING LOAD
EXISTING LOAD	0	100	0	15	25	A	26	15	0 EXISTING LOAD
EXISTING LOAD	0	100	0	15	27	B	28	15	0 100 EXISTING LOAD
EXISTING LOAD	0	100	0	15	29	C	30	15	0 EXISTING LOAD
EXISTING LOAD	0	100	0	15	31	A	32	15	0 100 SPARE
EXISTING LOAD	0	100	0	15	33	B	34	15	0 100 EXISTING LOAD
EXISTING LOAD	0	100	0	15	35	C	36	15	0 100 EXISTING LOAD
EXISTING LOAD	0	100	0	15	37	A	38	15	0 100 EXISTING LOAD
EXISTING LOAD	0	100	0	15	39	B	40	15	0 100 EXISTING LOAD
EXISTING LOAD	0	100	0	15	41	C	42	15	0 100 EXISTING LOAD
EXISTING LOAD	0	100	0	15	43	A	44	15	0 100 EXISTING LOAD
EXISTING LOAD	0	100	0	15	45	B	46	15	0 100 EXISTING LOAD
SPARE	0	100	0	15	47	C	48	15	0 100 EXISTING LOAD
SPARE	0	100	0	15	49	A	50	15	0 100 EXISTING LOAD
SPARE	0	100	0	15	51	B	52	15	0 100 SPARE
SPARE	0	100	0	15	53	C	54	15	0 100 SPARE
EXISTING LOAD	0	100	0	15	55	A	56	15	0 100 SPARE
EXISTING LOAD	0	100	0	15	57	B	58	15	0 100 SPARE
EXISTING LOAD	0	100	0	15	59	C	60	15	0 100 SPARE
SPARE	0	100	0	15	61	A	62	15	0 100 SPARE
SPARE	0	100	0	15	63	B	64	15	0 100 SPARE
SPARE	0	100	0	15	65	C	66	15	0 100 SPARE
SPARE	0	100	0	15	67	A	68	15	0 100 SPARE
SPARE	0	100	0	15	69	B	70	15	0 100 SPARE
SPARE	0	100	0	15	71	C	72	15	0 100 SPARE
SPARE	0	100	0	15	73	A	74	15	0 100 SPARE
SPARE	0	100	0	15	75	B	76	15	0 100 SPARE
SPARE	0	100	0	15	77	C	78	15	0 100 SPARE
SPARE	0	100	0	15	79	A	80	15	0 100 SPARE
EXISTING LOAD	0	100	0	15	81	B	82	15	0 100 EXISTING LOAD
					83	C	84		

6	PANEL PG2
E402	SCALE: N.T.S.

PANEL NAME: UPS-G1 LOCATION: ELECTRICAL CLOSET 118S FED FROM: PANEL UPS-PP1				PHASE VOLTAGE (V) LINE VOLTAGE (V) PHASE VARS: MANS (A) MAIN BREAKER (A) I.C. (KA)				120/208V (KVA) LOAD G (KW) LOAD C (KW) TOTAL (KW) CURRENT (A) CURRENT (C.A.)				DESCRIPTION			
DESCRIPTION	CONN (LOAD/IN)	D (%)	DEMAND LOAD (A)	BKR NO.	CCT NO.	CCT NO.	BKR NO.	DEMAND LOAD/IN	DEMAND LOAD/IN	D (%)	DEMAND LOAD (A)	BKR NO.	CCT NO.	CCT NO.	DESCRIPTION
EXISTING LOAD	0	100	0	15	1	A	2	15	0	0	100	EXISTING LOAD			
EXISTING LOAD	0	100	0	15	3	B	4	15	0	0	100	EXISTING LOAD			
EXISTING LOAD	0	100	0	15	5	C	6	15	0	0	100	EXISTING LOAD			
UPS RECEPTABLES, G-16 FITNESS UNIT	0	100	0	15	7	A	8	15	0	0	100	EXISTING LOAD			
UPS RECEPTABLES, G-16 FITNESS UNIT	0	100	0	15	9	B	10	15	0	0	100	EXISTING LOAD			
EXISTING LOAD	0	100	0	15	11	C	12	15	0	0	100	EXISTING LOAD			
EXISTING LOAD	0	100	0	15	13	A	14	20	0	0	100	EXISTING LOAD			
EXISTING LOAD	0	100	0	20	15	B	16	15	0	0	100	EXISTING LOAD			
EXISTING LOAD	0	100	0	20	17	C	18	20	0	0	100	EXISTING LOAD			
EXISTING LOAD	0	100	0	20	19	A	20	20	0	0	100	EXISTING LOAD			
EXISTING LOAD	0	100	0	15	23	B	24	20	0	0	100	EXISTING LOAD			
EXISTING LOAD	0	100	0	15	25	A	26	20	0	0	100	EXISTING LOAD			
EXISTING LOAD	0	100	0	15	27	B	28	20	0	0	100	EXISTING LOAD			
EXISTING LOAD	0	100	0	15	29	C	30	15	0	0	100	EXISTING LOAD			
EXISTING LOAD	0	100	0	15	31	A	32	15	0	0	100	EXISTING LOAD			
UPS RECEPTABLES, G-16 FITNESS UNIT	0	100	0	15	33	B	34	15	0	0	100	SPARE			
UPS RECEPTABLES, G-16 FITNESS UNIT	0	100	0	15	35	C	36	15	0	0	100	SPARE			
SPARE	0	100	0	15	37	A	38	15	0	0	100	SPARE			
SPARE	0	100	0	15	39	B	40	15	0	0	100	SPARE			
SPARE	0	100	0	15	41	C	42	15	0	0	100	SPARE			

5 PANEL UPS-G
E402 SCALE: N.T.S.

PANEL NAME: UPS-G2 LOCATION: ELECTRICAL CLOSET 1178 FED FROM: PANEL UPS-P1						PHASE VOLTAGE [V] LINE VOLTAGE [V] PHASE WIRE: MANS [A] MAIN BREAKER [A] CURRENT A [A] CURRENT B [A] CURRENT C [A]						120/LOAD A [KW] 200 / LOAD B [KW] 3 / LOAD C [KW] TOTAL (KW) CURRENT A [A] CURRENT B [A] CURRENT C [A]									
DESCRIPTION	CONN [NO.]	D [V] [V]	DEMAND LOAD [V]	BRS [A] [A]	CCT NO.	O CCT NO.	BKR [A]	DEMAND LOAD[V]	D [V] [V]	DESCRIPTION	CONN [NO.]	D [V] [V]	DEMAND LOAD[V]	BRS [A] [A]	CCT NO.	O CCT NO.	BKR [A]	DEMAND LOAD[V]	D [V] [V]	DESCRIPTION	
EXISTING LOAD	0	100	0	15	1	A	2	15	0	100	UPS RECEPTABLES, G-20	0	100	0	15	1	A	2	15	0	100
EXISTING LOAD	0	100	0	15	3	B	4	15	0	100	EXISTING LOAD	0	100	0	15	3	B	4	15	0	100
EXISTING LOAD	0	100	0	15	5	C	6	15	0	100	EXISTING LOAD	0	100	0	15	5	C	6	15	0	100
UPS RECEPTABLES, G-22a	0	100	0	15	7	A	8	15	0	100	EXISTING LOAD	0	100	0	15	7	A	8	15	0	100
EXISTING LOAD	0	100	0	15	9	B	10	15	0	100	EXISTING LOAD	0	100	0	15	9	B	10	15	0	100
EXISTING LOAD	0	100	0	15	11	C	12	15	0	100	EXISTING LOAD	0	100	0	15	11	C	12	15	0	100
UPS RECEPTABLES, G-22	0	100	0	15	13	A	14	15	0	100	UPS RECEPTABLES, G-20	0	100	0	15	13	A	14	15	0	100
UPS RECEPTABLES, G-20	0	100	0	15	15	B	16	15	0	100	UPS RECEPTABLES, G-20	0	100	0	15	15	B	16	15	0	100
SPARE	0	100	0	15	17	C	18	15	0	100	SPARE	0	100	0	15	17	C	18	15	0	100
SPARE	0	100	0	15	19	A	20	15	0	100	SPARE	0	100	0	15	19	A	20	15	0	100
SPARE	0	100	0	15	21	B	22	15	0	100	EXISTING LOAD	0	100	0	15	21	B	22	15	0	100
SPARE	0	100	0	15	23	C	24	15	0	100	SPARE	0	100	0	15	23	C	24	15	0	100
SPARE	0	100	0	15	25	A	26	15	0	100	SPARE	0	100	0	15	25	A	26	15	0	100
SPARE	0	100	0	15	27	B	28	15	0	100	SPARE	0	100	0	15	27	B	28	15	0	100
SPARE	0	100	0	15	29	C	30	15	0	100	SPARE	0	100	0	15	29	C	30	15	0	100
SPARE	0	100	0	15	31	A	32	15	0	100	SPARE	0	100	0	15	31	A	32	15	0	100
SPARE	0	100	0	15	33	B	34	15	0	100	SPARE	0	100	0	15	33	B	34	15	0	100
SPARE	0	100	0	15	35	C	36	15	0	100	SPARE	0	100	0	15	35	C	36	15	0	100
SPARE	0	100	0	15	37	A	38	15	0	100	SPARE	0	100	0	15	37	A	38	15	0	100
SPARE	0	100	0	15	39	B	40	15	0	100	SPARE	0	100	0	15	39	B	40	15	0	100
SPARE	0	100	0	15	41	C	42	15	0	100	SPARE	0	100	0	15	41	C	42	15	0	100

4	PANEL UPS-G
E402	SCALE: N.T.S.

PANEL NAME P16		PHASE VOLTAGE [V]		120 LOAD A [KW]						
LOCATION TOP THIRD FLOOR		LINE VOLTAGE [V]		208 LOAD B [KW]						
RED FROM PANEL P11		PHASE		3 LOAD C [KW]						
		WIRE		4 TOTAL [KW]						
		MAINS [A]		100 CURRENT A [A]						
		MAIN BREAKER [A]		100 CURRENT B [A]						
		C. [A]		CURRENT C [A]						
DESCRIPTION	CONN. (CONV) [V]	D.F. LOAD [A]	DEMAND [A]	BKR [A]	CCT [A]	CCT [A]	BKR [A]	DEMAND (CONV) [A]	D.F. DESCRIPTION	
DOOR CLOSER	0	100	0	15	1	A	2	15	0	100 TRSP
DOOR CLOSER	0	100	0	15	3	B	4	15	0	100 WIR 3086
DOOR CLOSER	0	100	0	15	5	C	6	20	0	100 RECEPT CLOSERS WP 3084/3086/3063
DOOR CLOSER	0	100	0	15	7	A	8	15	0	100 HAND DRYER
DOOR CLOSER	0	100	0	15	9	B	10	15	0	100 WIR 3083
WIR ADD	0	100	0	15	11	C	12	15	0	100 WIR 3083
WIR ADD	0	100	0	15	13	A	14	15	0	100 WIR 3086/3084/3066
HAND DRYER	0	100	0	15	15	B	16	15	0	100 SPARE
HAND DRYER	0	100	0	15	17	C	18	15	0	100 SPARE
SPARE	0	100	0	15	19	A	20	15	0	100 SPARE
SPARE	0	100	0	15	21	B	22	15	0	100 SPARE
SPARE	0	100	0	15	23	C	24	15	0	100 SPARE
SPARE	0	100	0	15	25	A	26	0	0	100 SPACE
SPARE	0	100	0	15	27	B	28	0	0	100 SPACE
SPARE	0	100	0	15	29	C	30	0	0	100 SPACE
SPACE	0	100	0	31	A	32	0	0	0	100 SPACE
SPACE	0	100	0	33	B	34	0	0	0	100 SPACE
SPACE	0	100	0	35	C	36	0	0	0	100 SPACE
SPACE	0	100	0	37	A	38	0	0	0	100 SPACE
SPACE	0	100	0	39	B	40	0	0	0	100 SPACE
SPACE	0	100	0	41	C	42	0	0	0	100 SPACE

7	NEW PANEL F
E402	SCALE: N.T.S.

7.	ISSUED FOR CONSTRUCTION	2026.08.21
6.	ISSUED FOR ADDENDUM E-02	2026.07.03
5.	ISSUED FOR TENDER	2026.05.01
4.	ISSUED FOR BUILDING PERMIT	2026.04.08
3.	ISSUED FOR 100% CLIENT REVIEW	2026.03.31
2.	ISSUED FOR 66% CLIENT REVIEW	2026.01.09
1.	ISSUED FOR COSTING REVIEW	2025.11.24
NO.	DESCRIPTION	DATE

REVISIONS
PROJECT



REGION OF PEEL
EMIL V. KOLB CENTRE
PEEL REGIONAL POLICE FACILITY
INTERIOR RENOVATION PROJECT
180 DERRY ROAD EAST, MISSISSAUGA, ON L5T 2Y5



	ISSUED FOR CONSTRUCTION	DATE
NORTH	STRUCTURAL CONSULTANT Stephenson Engineering	
	MECHANICAL CONSULTANT EXP Services Inc.	
	ELECTRICAL CONSULTANT EXP Services Inc.	

SHEET TITLE
PANEL SCHEDULES

SHEET NO. E402	DRAWN BY SS/LL	CHECKED KE
	PROJECT NO. MRK-25008951-A0	
	SCALE	