ADDENDUM

Project:	Arlington Woods Free Methodist Church Renovation	Post Tender Addendum No.:	A03
Tender #	N/A	No. of Pages:	17 (including cover page)
Project #	1846	Date:	November 24, 2020

The following change(s) in the Tender Documents are effective immediately.
This Addendum forms part of the Contract Documents.

Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form.
Failure to do so may subject bidder to disqualification.

Item	Description
1.1	Incorporate Changes identified in Architectural Post Tender Addendum No. A03 (12 pages) prepared by Hobin Architecture Incorporated and attached.
1.2	Incorporate Changes identified in Electrical Addendum E3 (4 pages) prepared by Goodkey Weedmark & Associates and attached.

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The following information supplements and/or supersedes the bid documents.

This addendum forms part of the contract documents and is to be read, interpreted, and coordinated with all other parts. The cost of all contained herein is to be included in the contract sum. The following revisions supplements and/or supercede the information contained in the original drawings and specifications issued for the above-named project to the extent referenced and shall become part thereof.

Item *No.*	Drawing *or Spec Section*	Description
PT-A3.1 General		
PT-A3.1.1	A2.05	<u>Wood Slat Ceiling:</u> 1. No fire-retardant treatment to suspended wood slat ceilings is required. 2. As proposed, apply 16mm (5/8") layer of GIS plywood to entire extent of Library/Café ceiling where suspended wood slats are intended, below existing drywall finish. Mud and tape only (or apply fire-rated caulk) all areas required to be patched where cut out to gain access for new mechanical and/or electrical services. Maintain integrity of existing 45mins. fire resistance rating prior to application of plywood substrate. 3. Plywood substrate to be fire-rated. 4. Tightly fit butted joints. 5. Unistrut system for suspended wood slats to be secured through plywood substrate. Wherever possible, fasten through plywood direct to wood roof structure. 6. Above work is in lieu of removing existing stippled finish and applying a skim-coat over full extent of drywall ceiling. Mud and tape only (or apply fire-rated caulk) at all areas required to be patched.
PT-A3.1.2	A2.04	<u>Canopy Soffit & Fascia:</u> 1. Add to scope of soffit and beam enclosure work at Main Entrance Canopy, full replacement of existing metal fascia to match parapet cap flashing colour. Existing step flashing at brick to remain.
PT-A3.1.3	08 71 00	<u>New Exist door 115.2:</u> Provide new door type HMD-3 and frame type PSF-6 to replace existing door & frame at Stair 115. Refer to attached sketch PTA3.01. Frame size to match existing opening. Provide fixed centre mullion. See attached Part Door

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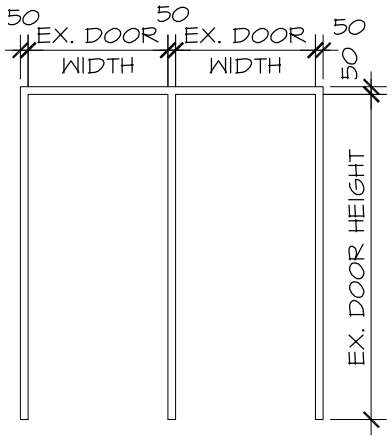
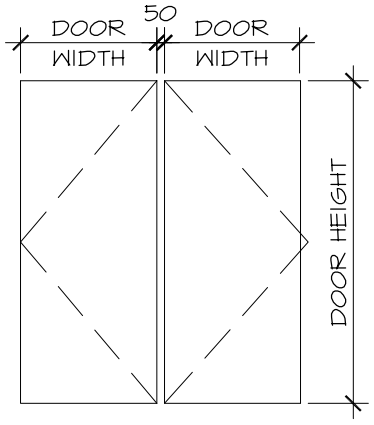
		Hardware Schedule Post Tender Addendum No.3 for new hardware listing.
PTA3.1.4	08 71 00	<u>Schlage Key System:</u> Refer to the attached Door Hardware Post Tender Addendum to delete reference to Sargent Master keying system to Schlage Master keying system to suit exiting keyed system. Confirm existing keying system with client prior to proceeding with this change.
PTA3.1.5	10 21 15	<u>Metal Toilet Partitions:</u> Replace Specification Section 10 21 15 – Metal Toilet Partitions, in its entirety, with the attached revised section, "Issued with PTA03.
PT-A3.2 Electrical		
PT-A3.2.1	Electrical Addendum E3	<u>Electrical Addendum E3:</u> Refer to the attached Electrical Addendum E3, prepared by GWAL for further clarifications and/or revisions to the Tender Documents.

END OF POST TENDER ADDENDUM



PSF-6



HMD-3

HOBIN ARCHITECTURE

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PROJECT / LOCATION:
ARLINGTON WOODS FREE METHODIST CHURCH RENOVATION
225 McClellan Rd, Ottawa, ON K2H 8N5

DRAWING NAME:
DOOR 115.2 FRAME TYPE

DATE:	DRAWN BY:	SCALE:
20/11/24	RV	1:50

PROJECT NO.:	ASK NO.
1846	PTA3.01

POST TENDER ADDENDUM NO. #3

Add: 1 PAIR DOORS 115.2 EXTERIOR FROM STAIRS LHR/RHR-A
2/3'-0"+/- x 7'-0"+/- x 1-3/4" INS. HMD/PSF
TYPE HMD-3/PS-6 c/w FIXED CENTRE MULLION

6	EA	HINGE	BB1191 4-1/2 x 4 NRP		626
1	EA	EXIT DEVICE	98DT x 990DT 626	LHR	630
1	EA	EXIT DEVICE	98NL x 990NL-R/V 626	RHR	630
1	EA	RIM CYLINDER	SCHLAGE 20-021 x MK CONFIRM KEYWAY		626
2	EA	DOOR CLOSER	4111 EDA x 62G SHOE & B/ARM ST-2730		SRI 689
2	EA	KICK PLATE	K10A 8 x 34" x MS		630
2	EA	O/H STOP	GJ 904S x 90 DEGREE		630
2	LEN	THRESHOLD	CT-805 x 3FT-4"		AL
2	LEN	THRESHOLD LIP	CT-40S x 3FT		AL
2	EA	DOOR SWEEP	W-38S x 3FT (EXTERIOR)		AL
2	SET	W/STRIPPING	W-20S x 1/3FT & 2/7FT		AL

INSTALL BEFORE EXIT DEVICES, DOOR CLOSERS & O/H STOPS

POST TENDER ADDENDUM

2.16 KEYING

DELETE:

.2 All locks shall be keyed into an existing Sargent Master keying system as follows:
- construction master keyed
- master keyed
- keyed alike or different as required.

.3 Supply (6) construction master keys
Supply (3) master keys per group
Supply (2) Sargent change keys per cylinder except where noted.

SHOULD READ:

.2 All locks shall be keyed into an existing Schlage Master keying system as follows:
- construction master keyed
- master keyed
- keyed alike or different as required.

.3 Supply (6) construction master keys
Supply (2) extractor keys
Supply (3) master keys per group
Supply (2) Schlage change keys per cylinder except where noted.

ITEM #1	1 PAIR DOORS 100.1 2/1016 x 2135 x CONFIRM TYPE ALD-1T/AL-1			EXTERIOR FROM ENTRY VESTIBULE 100 ALD/T.B. ALF WIDE STILE INSULCLAD	LHR/RHR-A
DELETE:	2	EA	MORT. CYLINDER	SARGENT 42 CONFIRM KEYWAY c/w INVERTED CAM & BLOCKING RING TO SUIT	613
	1	EA	RIM CYLINDER	SARGENT 34 SERIES CONFIRM KEYWAY c/w (6) CHANGE KEYS	613 613
	2	EA	O/H STOP	GJ 105S x 95 DEGREE	613
SHOULD READ:	2	EA	MORT. CYLINDER	SCHLAGE 20-001 (3175mm) CONFIRM KEYWAY c/w INVERTED CAM & BLOCKING RING TO SUIT	613
	1	EA	RIM CYLINDER	SCHLAGE 20-021 CONFIRM KEYWAY c/w (6) CHANGE KEYS	613 613
	2	EA	O/H STOP/HOLD	GJ 105H x 95 DEGREE	613

ITEM #3	1 SGLE DOOR 100.3 914 x 2135 x 45 TYPE HMD-2/PSF-3			ENTRY VESTIBULE 100 FROM STAIR HMD/PSF 45 MIN/FR	LHR
DELETE:	1	EA	RIM CYLINDER	SARGENT 34 SERIES CONFIRM KEYWAY	619
SHOULD READ:	1	EA	RIM CYLINDER	SCHLAGE 20-021 CONFIRM KEYWAY	619
ITEM #4	1 PAIR DOORS 105.1 2/914 x 2135 x CONFIRM TYPE ALD-1T/W3			EXTERIOR FROM LIBRARY / CAFÉ 105 ALD/T.B. ALF WIDE STILE INSULCLAD	LHR/RHR-A
DELETE:	2	EA	MORT. CYLINDER	SARGENT 42 CONFIRM KEYWAY c/w INVERTED CAM & BLOCKING RING TO SUIT	613
	1	EA	RIM CYLINDER	SARGENT 34 SERIES CONFIRM KEYWAY	613
SHOULD READ:	2	EA	MORT. CYLINDER	SCHLAGE 20-001 (3175mm) CONFIRM KEYWAY c/w INVERTED CAM & BLOCKING RING TO SUIT	613
	1	EA	RIM CYLINDER	SCHLAGE 20-021 CONFIRM KEYWAY	613
ITEM #7	1 EA DOOR 111.1 3225+/- x 2215 x 45 TYPE SCWD-2			LOBBY 101 / FELLOWSHIP HALL 111 SCWD SLIDING DOOR	
DELETE:	1	EA	MORT. CYLINDER	SARGENT 42 CONFIRM KEYWAY c/w CAM & COLLAR TO SUIT	619
SHOULD READ:	1	EA	MORT. CYLINDER	SCHLAGE 20-001 CONFIRM KEYWAY c/w CAM & COLLAR TO SUIT	619
ITEM #8	1 PAIR DOORS 111.2 2/914 x 2135 x 45 TYPE SCWD-3/PSF-4			FELLOWSHIP HALL 111 FROM SANCTUARY 102 SCWD/PSF 45 MIN/FR	LHR/RHR
DELETE:	2	EA	RIM CYLINDER	SARGENT 34 SERIES CONFIRM KEYWAY	619
SHOULD READ:	2	EA	RIM CYLINDER	SCHLAGE 20-021 CONFIRM KEYWAY	619
ITEM #9	1 PAIR DOORS 111.3 2/762 x 2135 x 45 TYPE HMD-1/PSF-2			FELLOWSHIP HALL 111 FROM EQUIP CLOSET 111B HMD/PSF	RHR/LHR-A
DELETE:	1	EA	DEADLOCK	SARGENT 487**7** CONFIRM KEYWAY c/w STRIKE BOX	619
SHOULD READ:	1	EA	DEADLOCK	SCHLAGE L463 CONFIRM KEYWAY c/w STRIKE BOX	619

ITEM #10 1 PAIR DOORS 111.4 FELLOWSHIP HALL 111 FROM STORAGE 111A
2/914 x 2135 x 45 HMD/PSF RHR/LHR-A
TYPE HMD-1/PSF-2

DELETE:	1	EA	DEADLOCK	SARGENT 487**7** CONFIRM KEYWAY c/w STRIKE BOX	619
SHOULD READ:	1	EA	DEADLOCK	SCHLAGE L463 CONFIRM KEYWAY c/w STRIKE BOX	619

ITEM #11 1 PAIR DOORS 111.5 LOBBY 101 FROM FELLOWSHIP HALL 111
2/914 x 2215 x 45 SCWD/WDF LHR/RHR
TYPE SCWD-3/WDF-1

DELETE:	2	EA	RIM CYLINDER	SARGENT 34 SERIES CONFIRM KEYWAY	619
SHOULD READ:	2	EA	RIM CYLINDER	SCHLAGE 20-021 CONFIRM KEYWAY	619

PART 1 - GENERAL

1.1 SECTION INCLUDES

.1 Supply and install of accessories as specific in this Section.

1.2 RELATED SECTIONS

.1 Section 01 74 21- Construction Waste Management and Disposal
.2 Section 01 78 00 – Closeout Procedures
.3 Section 06 10 00 – Rough Carpentry
.4 Section 09 21 16 – Gypsum Board Assemblies
.5 Section 09 22 16 – Non-structural metal Framing
.6 Section 09 30 13 – Ceramic Tiling
.7 Section 10 28 10 – Toilet & Bath Accessories

1.3 REFERENCES

.1 ASTM International
.1 ASTM A167-90 Specification for Stainless and Heat-Resisting Chromium-Nicket Steel Plate, Sheet, and Strip.
.2 ASTM A526M-90 Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Commercial Quality

.2 Canadian General Standards Board (CGSB)
.1 CAN/CSA-B651-M90 Barrier-Free Design

1.4 SUBMITTALS

.1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.

.2 Shop Drawings:
.1 Indicate fabrication details, plans, elevations, hardware, and installation details.

.3 Product Data:
.1 Submit (2) copies of product sheets and/or catalogue cuts, of all products listed in the shop drawings.

.4 Samples:
.1 Submit (2) copies of colour sample on actual substrate (metal) for consultant review and approval prior to commencing work.

1.5 SCOPE

.1 Supply complete toilet partition package with all required parts, accessories and filler panels to suit existing partition configuration in Men’s WR 107 & Women’s WR 109.

1.6 DELIVERY, STORAGE AND HANDLING

.1 Deliver, store, handle and protect materials in accordance with Section 01 61 00 – Common Product Requirements.

.2 Protect finished metal surfaces during shipment and installation. Do not remove until immediately prior to final inspection.

.3 Toilet Partitions must be delivered to the job site in the manufacturer's original packages and marked to correspond with the approved shop drawings.

1.7 WASTE MANAGEMENT AND DISPOSAL

.1 Separate and recycle waste materials.

.2 Collect and separate for disposal paper, plastic, corrugated cardboard packaging material in appropriate on-site bins for recycling.

.3 Unused sealant and adhesive material must be disposed of at an official hazardous material collection site.

.4 Fold up metal banding, flatten and place in designated area for recycling.

.5 Do not dispose of unused sealant and adhesive material in sewer system, into streams, lakes, onto ground or in any other location where it will pose health or environmental hazard.

1.8 WARRANTY

.1 Written Guarantee:
.1 The toilet partition manufacturer shall guarantee all toilet partitions by written certification, for a period of (3) years from date of receipt by customer, against any defects in design, materials and workmanship.

PART 2 - PRODUCTS

2.1 MATERIALS

.1 Metal Toilet Partitions:
.1 Headrail Braced toilet partitions to match existing layouts. Site confirm dimensions.
.2 Manufacturer: Acceptable manufacturer's shall be Hadrian Manufacturing Inc.

2.2 COMPONENTS AND FABRICATION

.1 Construction: Doors, panels and pilasters shall be constructed of two sheets of panel flatness zinc-coated steel, Galvanneal ASTM A653 GR33, laminated under pressure to a honeycomb core for sound deadening and rigidity. Formed edges to be welded together and inter-locked under tension with a

roll-formed oval crown locking bar, mitred, welded and ground smooth at the corners. Honeycomb to have a maximum 25mm (1") cell size.

.2 Doors: Shall be 25mm (1") thick with cover sheets not less than 22-gauge (0.8mm).

.3 Panels: Shall be 25mm (1") thick with cover sheets not less than 22-gauge (0.8mm).

.4 Pilasters: Shall be 32mm (1.25") thick with cover sheets not less than 20-gauge (0.9mm). Pilaster tops shall be reinforced with a 20-gauge channel to create extra strength and twist-free rigidity along with minimizing damage by handling and/or shipping.

.5 Headrail: Shall be 25mm (1") by 41mm (1.625") extruded anodized aluminum with double-ridge anti-grip design. Wall thickness to be 1.5mm (0.060") and shall be securely attached to wall and pilasters with manufacturer's fittings in such a way as to make a strong and rigid installation. All joints in headrails shall be made at pilaster.

.6 Hardware and Fittings: All panel and pilaster brackets and all door hardware shall be chrome plated zinc die castings. Fasteners are zinc plated 12 x 1-3/4" and 12 x 5/8" TR-27 6-lobe security screws. Doors shall be equipped with a gravity type hinge mounted on the lower pilaster hinge bracket. Door hinges shall be fully concealed within the thickness of the door and adjustable to permit the door to come to rest at any position when not latched. Each door to be fitted with a combined coat hook and bumper and a concealed latch, with face mortised flush with edge strip of door. Barrier-free doors shall include thumbturn lever to activate latch without fingertip grip application. Both standard and barrier-free latches shall have a turn slot designed to allow emergency access from exterior. The combined stop and keeper shall have a 19mm (0.75") diameter bumper locked in place. Threaded upper hinge pin shall have a metal core and self-lubricating nylon sleeve to ensure smooth, quiet operation. Pilaster shoes shall be a welded one-piece design made from polished stainless steel. Two-piece shoes that can disassemble when kicked are unacceptable.

2.3 FINISH

.1 All sheet metal to be thoroughly cleaned, phosphate and finished with a high performance powder coating, electrostatically applied and oven cured to provide a uniform, smooth protective finish.

.2 Colour: **Charcoal Grey #545.**

PART 3 - EXECUTION

3.1 EXAMINATION

.1 Site Preparation:
.1 The contractor must examine all site conditions that would prevent the proper application and installation of toilet partitions. Any defects must be immediately identified and corrected, prior to the installation of the toilet partitions.

3.2 INSTALLATION

.1 Mounting Locations:
.1 All toilet partitions must be mounted according Manufacturers standard locations and those specified on the drawings.
.2 All wall-mounted screens to be mounted as specified on drawings.

3.3 FIELD QUALITY CONTROL

.1 Inspection:
.1 After installation has been completed, provide for a site inspection of all toilet partitions to determine that all items have been supplied and installed as per the enclosed details. Also, check the operation and adjustment of all toilet partitions. Any discrepancies, or malfunctioning product, must be reported to the consultant immediately.

3.4 ADJUSTMENT AND CLEANING

.1 Final Preparation:
.1 At final completion, toilet partitions shall be left clean and free from disfigurement. Make all final adjustments. Where toilet partitions are found defective, repair or replace or otherwise correct as directed.

.1 Progress Cleaning: clean in accordance with Section 01 74 11-Cleaning.
.1 Leave Work area clean at end of each day.

.2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11-Cleaning.

.3 Waste Management: separate waste materials for reuse and recycling in accordance with Section 01 74 21-Construction/ Demolition Waste Management and Disposal.
.1 Remove recycling containers and bins from site and dispose of materials at appropriate facility.

3.5 PROTECTION

.1 Protect installed products and components from damage during construction.

.2 Repair damage to adjacent materials caused by toilet partitions and wall-mounted screens installation.

3.6 SCHEDULE

.1 Schedule

.1 Provide toilet partitions as specified in all above sections and as per the drawings.

END OF SECTION

The following additions, deletions & revisions form part of the drawings and specifications for the above referenced project:

DRAWINGS

1. Reference Attached Revised Drawing E1:

.1 Line voltage thermostat symbol added in power and systems legend.

2. Reference Attached Revised Drawing E6:

Clarifications

.1 Remove Kick space heater and force flow heater in kitchen 110. Reuse existing circuit and provide new kick space and force flow heaters at same location.
.2 Deleted baseboard heater in library café 105 between gridline N & P.
.3 Circuit number and ratings added for existing baseboard heaters as indicated on attached drawing E6.
.4 Revise drawing Note '12 & 13' as indicated on attached drawing E6.

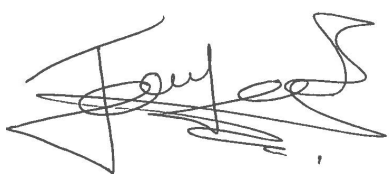
3. Reference Attached Revised Drawing E10:

.1 Relocate existing baseboard heater (1.875KW) from stair to library/café as indicated on attached drawing E10.
.2 Provide new 1KW, 208V, 1-phase Kick space heater and 3KW, 208V, 1-phase force flow heater in kitchen 110.
.3 Revise 20A-2P (Circuit # H-22/24) breaker to 15A-2P breaker in second floor hallway panel. Provide new 1KW, 208V, 1-phase baseboard heater c/w wiring in stair as indicated on attached drawing E10.
.4 Remove Built-in thermostat wiring and provide wall mounted line voltage, 208V thermostat (total qty. 2) for library/café 105 baseboard heaters (total qty. 2).
.5 Drawing Notes '16, 17, 18, 19' added as indicated on attached drawing E10.

Enclosures: Revised Drawings E1, E6 & E10.

- END OF ELECTRICAL ADDENDUM NO. E3 -

Goodkey, Weedmark & Associates Limited
Issued by: Jaydipkumar (Jay) Antala, B.Eng. /jnd



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ARLINGTON WOODS FREE METHODIST CHURCH RENOVATION

225 MCCLELLAN RD, OTTAWA, ON K2H 8N5

ELECTRICAL

POWER & SYSTEMS LEGEND

SYMBOL	DESCRIPTION
	15A, 120V WALL MOUNTED DUPLEX RECEPTACLE
	DEDICATED DUPLEX RECEPTACLE
GFI	GROUND FAULT INTERRUPTING RECEPTACLE INSTALLED OVER COUNTER
	RECEPTACLE INSTALLED OVER COUNTER
	5-20R RECEPTACLE
	SPECIAL RECEPTACLE - TYPE AS INDICATED
J	JUNCTION BOX
	SINGLE PHASE ELECTRIC MOTOR
H	DISCONNECT SWITCH
	SURFACE MOUNTED PANEL
	PUSH BUTTON
	BARRIER-FREE DOOR OPERATOR C/W PUSHBUTTONS
	HARD WIRE CONNECTION
	FLEXIBLE CONDUIT
SS	SPEED SWITCH SUPPLIED BY MECHANICAL CONTRACTOR, INSTALLED & WIRED BY ELECTRICAL CONTRACTOR
T	LINE VOLTAGE THERMOSTAT PROVIDED BY ELECTRICAL CONTRACTOR

LIGHTING & FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
4	WALL MOUNTED LIGHT FIXTURE - TYPE AS SHOWN
2	LIGHT FIXTURE - TYPE AS SHOWN
3	CEILING/PENDENT MOUNTED LIGHT - TYPE AS SHOWN
$	WALL MOUNTED SWITCH
$D	WALL MOUNTED DIMMING SWITCH
OS	CEILING MOUNTED MOTION SENSOR
	EMERGENCY BATTERY UNIT C/W RECEPTACLE AND LIGHTING HEADS
	WALL/CEILING MOUNTED EXIT LIGHT
	REMOTE EMERGENCY LIGHTING DUAL HEAD - CEILING MOUNTED
	FIRE ALARM HEAT DETECTOR, R57°C
F	FIRE ALARM PULL STATION
F	FIRE ALARM BELL
F	FIRE ALARM STROBE LIGHT

HEATING LEGEND

SYMBOL	DESCRIPTION
	HOT WATER TANK
T	BASEBOARD HEATER
T	FORCE FLOW HEATER

SECURITY & TELECOMMUNICATION LEGEND

SYMBOL	DESCRIPTION
CR	CARD READER
ES	ELECTRICAL STRIKE
	SECURITY MOTION SENSOR
2	DATA OUTLET BOX-NUMBER INDICATED DATA DROPS
	CATV OUTLET BOX
	COMBINATION OF DATA & TELEPHONE OUTLET
WiFi	WIFI OUTLET BOX

DRAWING LIST

ABBREVIATION	DESCRIPTION
E1	ELECTRICAL DRAWING LIST, LEGENDS & LIGHTING FIXTURES SCHEDULE
E2	ELECTRICAL SPECIFICATIONS
E3	ELECTRICAL DEMOLITION WORK PART RISER DIAGRAM & PANEL SCHEDULE
E4	ELECTRICAL NEW WORK PART RISER DIAGRAM & PANEL SCHEDULE
E5	BASEMENT FLOOR ELECTRICAL DEMOLITION WORK LAYOUT
E6	GROUND FLOOR ELECTRICAL DEMOLITION WORK LAYOUT
E7	BASEMENT FLOOR ELECTRICAL LIGHTING & FIRE ALARM NEW WORK LAYOUT
E8	GROUND FLOOR ELECTRICAL LIGHTING & FIRE ALARM NEW WORK LAYOUT
E9	BASEMENT FLOOR ELECTRICAL POWER & SYSTEMS NEW WORK LAYOUT
E10	GROUND FLOOR ELECTRICAL POWER & SYSTEMS NEW WORK LAYOUT

ABBREVIATION LIST

ABBREVIATION	DESCRIPTION
C	CEILING MOUNTED
R	DISCONNECT AND REMOVE C/W WIRING AND CONDUIT BACK TO SOURCE
E	EXISTING TO REMAIN
GFI	GROUND FAULT INTERRUPTING RECEPTACLE, AUTOMATIC SELF-TEST/RESET, GREEN/RED PILOT
OC	OVER COUNTER
ER	EXISTING TO BE REMOVED AND RELOCATED C/W CONDUIT AND WIRING
EN	EXISTING RELOCATED IN NEW LOCATION C/W CONDUIT AND WIRING
AFF	ABOVE FINISHED FLOOR

ONELINE DIAGRAM LEGEND

SYMBOL	DESCRIPTION
100A	CIRCUIT BREAKER - RATING AS INDICATED
	CURRENT TRANSFORMER
	DRY TYPE TRANSFORMER
	GROUND
M	METER

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	CATALOG NUMBER	WATTS	COLOUR	VOLT	MOUNTING	REMARKS
A	24" ROUND LIGHT	LUMENWERX	84.31W	3500K	120V	SURFACE	CONFIRM WITH ARCHITECT FOR FINISH
		SHLS-S-24-HLO-SW-90-6000-35-120-D1-IDB-1					MOUNTING HEIGHT 10 FEET
B	PENDENT LIGHT	LUMENWERX	32.5W	3500K	120V	PENDENT	C/W AIR CRAFT CABLE
		POROPD-48-ULO-XX-LED-80-14000-35-120-D1-1-5WAC36-W					MOUNTING HEIGHT 18 FEET
C1	SUSPENDED LIGHTS	EDISON LIGHTING	21W	3500K	120V	SUSPENSION	CONFIRM WITH ARCHITECT FOR FINISH
		ED VECTOR+3FEET-7WFTLED-DD-120V-DL-S4-XX-XX-35K					MOUNTING HEIGHT 8.8 FEET C/W CANOPY AND PENDANTS
C2	SUSPENDED LIGHTS	EDISON LIGHTING	28W	3500K	120V	SUSPENSION	CONFIRM WITH ARCHITECT FOR FINISH
		ED VECTOR+4FEET-7WFTLED-DD-120V-DL-S4-XX-XX-35K					MOUNTING HEIGHT 8.8 FEET C/W CANOPY AND PENDANTS
C3	SUSPENDED LIGHTS	EDISON LIGHTING	42W	3500K	120V	SUSPENSION	CONFIRM WITH ARCHITECT FOR FINISH
		ED VECTOR+6FEET-7WFTLED-DD-120V-DL-S4-XX-XX-35K					MOUNTING HEIGHT 8.8 FEET C/W CANOPY AND PENDANTS
D1	4' LED LIGHTS	CREE LIGHTING	48W	3500K	120V	SURFACE	
		LS4-50L-35K-10V #					
D2	4' LED LIGHTS	CREE LIGHTING	80W	3500K	120V	SURFACE	
		LS8-50L-35K-10V #					
E1	PENDENT LAMP	KUZCO LIGHTING	60W	3500K	120V	PENDENT	C/W CLOTH CABLE
		492316-BK-GD					MOUNTING HEIGHT 7.5 FEET
F	EXTERIOR SOFFIT	KUZCO LIGHTING	15W	4000K	120V	SURFACE	C/W MOUNTING ACCESSORIES
		EC34505-120V-BLACK					

NOTE:-COORDINATE WITH ARCHITECT FOR LIGHT FIXTURE COLOR FINISH

GENERAL NOTES

DEMOLITION NOTES:

1. UNLESS OTHERWISE NOTED, MATERIALS FOR REMOVAL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE TAKEN FROM SITE AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND REGULATIONS.
2. DISCONNECT AND MAKE SAFE ALL SYSTEMS TO BE DEMOLISHED INCLUDING PANELS, FEEDERS, BRANCH CIRCUITS AND EQUIPMENT BY OTHER DIVISIONS. COORDINATE WITH OTHER DIVISIONS.
3. MAINTAIN EXISTING REMAINING CIRCUITS, SYSTEMS, ETC., WHICH PASS THROUGH AREA OF CONSTRUCTION AND IN CLOSE PROXIMITY. PROVIDE NECESSARY COMPONENTS TO MAINTAIN SYSTEMS. ENSURE COMPONENTS WILL BE CONCEALED WHEN CONSTRUCTION IS COMPLETE.
4. REINSTATE IMMEDIATELY ANY REMAINING EXISTING SYSTEMS IN-ADVERTENTLY INTERRUPTED DURING CONSTRUCTION.
5. THE DRAWINGS INDICATE KNOWN CONDITIONS AND MAY NOT INDICATE ALL DEMOLITION REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO TENDER SUBMISSION AND VERIFY REQUIREMENTS AND INCLUDE ALL COSTS IN TENDER.
6. REMOVE REDUNDANT CONDUIT AND WIRING BACK TO SOURCE UNLESS OTHERWISE NOTED, AND MAKE SAFE.
7. DEVICES FROM DEMOLITION ARE NOT TO BE REUSED UNLESS NOTED OTHERWISE. NEW DEVICES SHALL BE SUPPLIED WHERE NECESSARY.
8. ALL FIRE ALARM DEVICES TO REMAIN IN OPERATION. PROTECT SMOKE DETECTORS FROM DUST EXPOSURE DURING CONSTRUCTION.
9. ENSURE FIRE ALARM SYSTEM IS OPERATIONAL AT THE END OF EACH SHIFT.
10. AFTER DEMOLITION WORK IS COMPLETE AND MINIMUM THREE (3) WORKING DAYS PRIOR TO PROCEEDING WITH NEW WORK, NOTIFY ENGINEER FOR INSPECTION.
11. PROPERLY DISPOSE OF ALL T8 LIGHT TUBES AND PROVIDE OWNER WITH A COPY OF THE MANIFEST OF DISPOSAL.

GENERAL NOTES:

1. ELECTRICAL WORK TO BE DONE IN ACCORDANCE WITH THE ELECTRICAL SAFETY CODE OF ONTARIO, AND WITH NEW ARCHITECTURAL/INTERIOR DESIGNER'S LAYOUT (LOCATION/MOUNTING HEIGHTS). CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS, PAY ALL APPLICABLE FEES AND INSPECTION COSTS.
2. COORDINATE WORK WITH ALL OTHER TRADES TO AVOID INTERFERENCE.
3. ENSURE ELECTRICAL COMPONENTS (IE. WIRING, CONDUIT, ETC.) RELATING TO THE AREA OF WORK ARE INDEPENDENTLY SECURED TO COMPLY WITH CODE REQUIREMENTS. IT IS NOT ACCEPTABLE TO SECURE THE COMPONENTS TO DUCTWORK, DUCT WORK TO CONDUIT, OR ANY OTHER SYSTEMS.
4. ENSURE ALL EXISTING CEILING MOUNTED BOXES ARE CLOSED PRIOR TO COMPLETION OF PROJECT. PROVIDE LABELLED AND COLOUR CODED COVER PLATES (IE. PANEL NAME AND CIRCUIT NUMBER) AS REQUIRED.
5. MINIMUM THREE (3) WORKING DAYS PRIOR TO CLOSING CEILING, NOTIFY THE ENGINEER FOR CEILING INSPECTION.
6. TIE UP ALL EXISTING CABLEING (ELECTRICAL AND LOW VOLTAGE) IN THE CEILING SPACE USING J HOOKS TO THE BAR JOISTS.

EXIT LIGHTS:

1. CONNECT EXIT LIGHTS TO AC AND DC SUPPLIES.
2. ADD/REMOVE DIRECTIONAL ARROWS TO SUIT FLOOR PLAN LAYOUT.
3. TO MATCH EXISTING.

LIGHTING NOTES:

1. LUMINAIRES IN CONSTRUCTION AREA ARE TO BE INDEPENDENTLY SUPPORTED, INCLUDING EXISTING TO REMAIN, RELOCATED AND NEW, TO COMPLY WITH CODE REQUIREMENTS.
2. ADD, RELOCATE AND CONNECT LIGHT FIXTURES TO SUIT INDICATED LAYOUT, EXTEND CONDUIT AND WIRING AS NECESSARY AND CONNECT LUMINAIRES TO EXISTING CIRCUITS. TURN OVER SURPLUS FIXTURES TO OWNER.
3. WHERE AIR SUPPLY TROFFER ARE BEING RELOCATED BY MECHANICAL CONTRACTOR TO EXISTING LIGHT FIXTURE, ELECTRICAL CONTRACTOR TO COORDINATE DISCONNECTION AND RECONNECTION AS REQUIRED.
4. FIXTURE LAMPS SHALL BE PROPERLY DISPOSED. PROVIDE UCDCB PROJECT MANAGER WITH PROOF OF ENVIRONMENTAL DISPOSAL.
5. EXISTING LIGHT FIXTURE IS TO BE REMOVED AND RETURNED OVER TO THE OWNER.

FIRE ALARM NOTES:

1. PROVIDE NEW CIRCUITS AS REQUIRED FOR AUDIBLE AND ALARM CIRCUITS.
2. TEST FINAL INSTALLATION AND PROVIDE VERIFICATION OF FIRE ALARM SYSTEMS IN ACCORDANCE WITH CAN/ULC S537 LATEST EDITION. VERIFICATION REPORT SHALL INCLUDE MEASURED dB LEVELS.
3. ALL NEW DEVICES TO BE EST EDWARDS SYSTEMS TECHNOLOGY AND MATCH EXISTING. PROVIDE SHOP DRAWINGS FOR APPROVAL.

POWER NOTES:

1. ENSURE EXISTING REMAINING OUTLETS IN AFFECTED AREA ARE FUNCTIONAL.
2. DO NOT MOUNT WALL OUTLETS BACK TO BACK. LEAVE MINIMUM 300mm [12"] SPACE BETWEEN OUTLETS. STAGGER OUTLETS WITHIN ALTERNATE STUD CAVITIES. DO NOT ANCHOR BACK TO BACK OUTLETS TO THE SAME STUD.

COMMUNICATION NOTES:

1. PROVIDE PLASTER RINGS FOR OUTLETS WITH OUTLET BOXES 108mm SQUARE X 63mm DEEP [4" SQUARE X 2 1/2" DEEP] EACH WITH 21mm [3/4"] EMPTY CONDUIT TO CEILING SPACE C/W BUSHING AND PULL STRINGS. NEW TEL AND/OR DATA CABLES, TERMINAL DEVICES AND COVER PLATES WILL BE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR.

ALL DATA AND COMMUNICATION WIRING TO BE COMPLETE BY OWNERS PA & DATA CONTRACTOR.

OUTLETS LOCATION:

1. EXACT LOCATION AND MOUNTING HEIGHTS OF OUTLETS TO BE COORDINATED WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH IN. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIREMENTS.
2. BRING TO THE ATTENTION OF THE ARCHITECT DESIGNER AND ENGINEER ANY CONFLICTS OR REQUIRED CLARIFICATION.
3. FAILING TO COORDINATE, THE CONTRACTOR WILL MODIFY THE INSTALLATION AT HIS EXPENSE, IF REQUIRED.

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Project north
Nord du projet

Seal/Sceau

Project/Projet

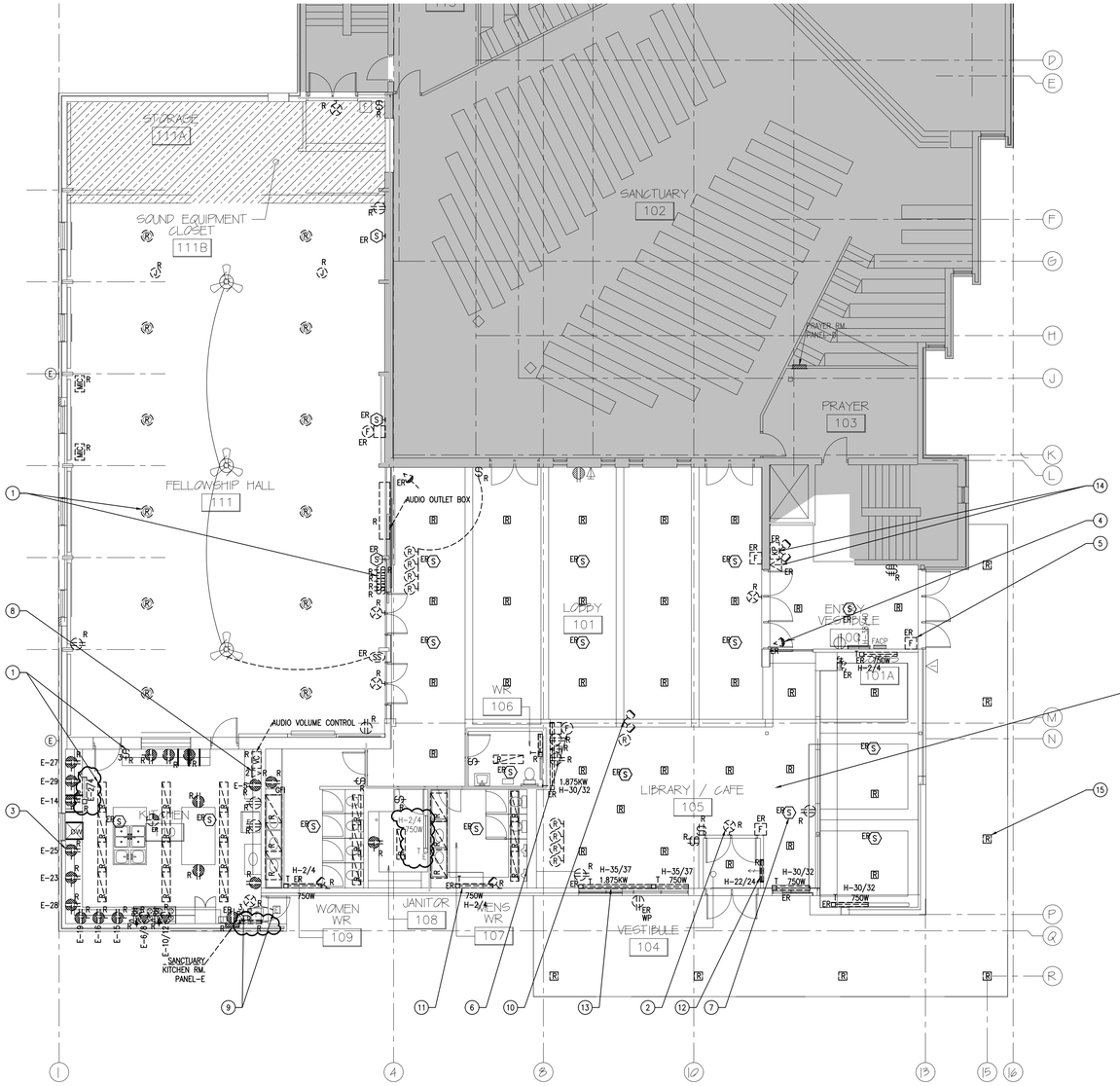
ARLINGTON WOODS
FREE METHODIST CHURCH
RENOVATION

225 McClellan Rd, Ottawa, ON K2H 8N5

Drawing title/Titre du dessin

ELECTRICAL DRAWING LIST, LEGENDS & LIGHTING FIXTURES SCHEDULE

Scale / Échelle	AS NOTED	Project no./No. du projet	2019-333-1
Design by / Conçu par	J.ANTALA	Drawing/Dessin	E1
Drawn by / Dessiné par	J.ANTALA		
Reviewed by / Examiné par	D.VYAS		OF 10
Date / Date	NOVEMBER 2020	Revision no:	-
		Acad file/Fichier:	-



1 / E6 GROUND FLOOR
ELECTRICAL DEMOLITION WORK LAYOUT
1:100

TYPICAL FOR LOBBY 101 & LIBRARY/CAFE 105
DISCONNECT AND REMOVE ALL EXISTING LIGHT-FIXTURES C/W WIRING & PROVIDE NEW LIGHT FIXTURES AS INDICATED IN NEW WORK LAYOUT. PROVIDE FIRE RATED ACCESS PANEL WHERE ACCESS IS REQUIRED. CONTRACTOR TO VISIT SITE PRIOR TENDER.

DEMOLITION NOTES

1. TYPICAL
DISCONNECT & REMOVE EXISTING LIGHT FIXTURES C/W SWITCHES, JUNCTION BOXES, CONDUIT & WIRING BACK TO SOURCE. TRACE & REUSE EXISTING CIRCUIT FOR NEW LIGHT FIXTURES.
2. TYPICAL
DISCONNECT & REMOVE EXISTING EXIT LIGHTS C/W CONDUIT & WIRING. TRACE & REUSE EXISTING CIRCUIT FOR NEW EXIST LIGHTS.
3. TYPICAL
DISCONNECT & REMOVE EXISTING RECEPTACLES C/W CONDUIT & WIRING BACK TO SOURCE. TRACE & REUSE EXISTING CIRCUIT FOR NEW RECEPTACLES.
4. TYPICAL
DISCONNECT, REMOVE & REINSTALL EXISTING SECURITY DEVICES C/W WIRING.
5. TYPICAL
DISCONNECT, REMOVE & REINSTALL EXISTING FIRE ALARM PULL STATION C/W CONDUIT & WIRING.
6. TYPICAL
DISCONNECT, REMOVE & REINSTALL EXISTING FIRE ALARM BELL STATION C/W CONDUIT & WIRING.
7. TYPICAL
DISCONNECT, REMOVE & REINSTALL EXISTING SPEAKERS C/W WIRING.
8. DISCONNECT & REMOVE DATA OUTLET C/W CABLING.
9. DISCONNECT & REMOVE EXISTING SWITCH C/W WIRING & CONDUIT FOR EXTERIOR LIGHT. PROVIDE NEW SWITCH & RECONNECT EXTERIOR LIGHTS C/W CONDUIT & WIRING ONCE DEMOLITION WORK IS DONE.
10. TYPICAL
DISCONNECT & REMOVE EMERGENCY REMOTE HEADS C/W CONDUIT & WIRING.
11. TYPICAL
DISCONNECT & REMOVE EXISTING ELECTRIC BASEBOARD HEATERS C/W CONDUIT & WIRE BACK TO JUNCTION BOX IN WASHROOMS. PROVIDE NEW 1KW BASEBOARD HEATERS & REUSE EXISTING CIRCUIT.
12. DISCONNECT & REMOVE EXISTING FORCE FLOW HEATER C/W CONDUIT & WIRING BACK TO PANEL. REVISE BREAKER SIZE 20A-2P(CIRCUIT # H-22/24) TO 15A-2P BREAKER IN SECOND FLOOR HALL WAY PANEL. REUSE CIRCUIT FOR NEW BASEBOARD HEATER LOCATED IN STAIR.
13. TYPICAL
DISCONNECT & RELOCATE EXISTING ELECTRIC BASEBOARD HEATERS C/W CONDUIT & WIRING. EXTEND WIRING & RELOCATE EXISTING BASEBOARD HEATERS C/W CONDUIT AT NEW LOCATION AS INDICATED ON NEW WORK LAYOUT.
14. TEMPORARY REMOVE & REINSTALL EXISTING SECURITY KEYPAD & TELEPHONE BY PA CONTRACTOR TO ALLOW DEMOLITION WORK.
15. TYPICAL
DISCONNECT & REMOVE EXTERIOR SOFFIT LIGHT FIXTURE C/W CONDUIT & WIRING. TRACE & REUSE EXISTING CIRCUIT FOR NEW LIGHT FIXTURES.

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Drawing title/Titre du dessin
GROUND FLOOR
ELECTRICAL DEMOLITION
WORK LAYOUT

Scale / Échelle	AS NOTED	Project no./No. du projet	2019-333-1
Design by / Conçu par	J.ANTALA	Drawing/Dessin	E6
Drawn by / Dessiné par	J.ANTALA		
Reviewed by / Examiné par	D.VYAS		OF 10
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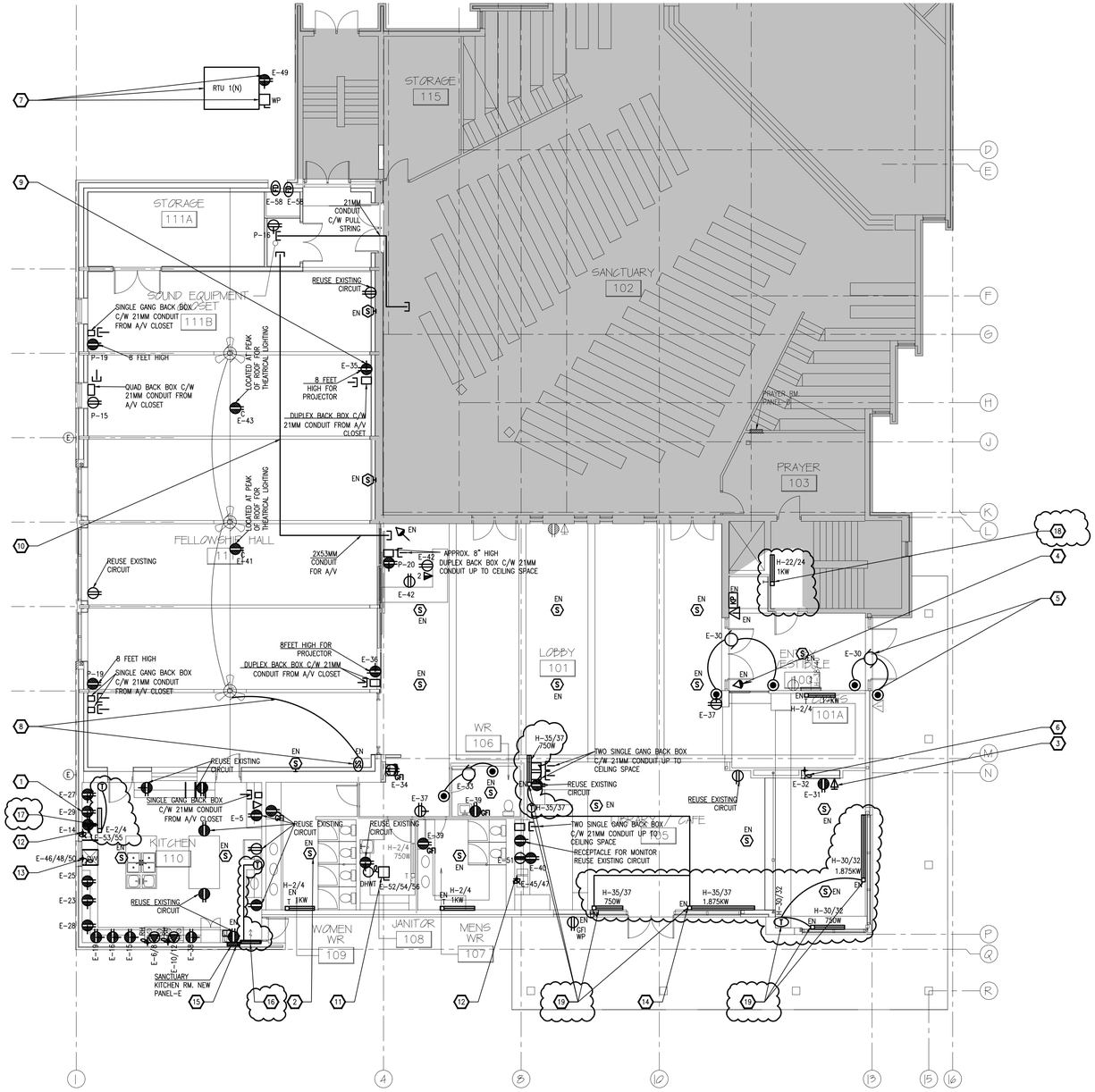

GROUND FLOOR ELECTRICAL POWER & SYSTEM NEW WORK LAYOUT

1 / E10 — 1:100

NEW WORK NOTES

1. TYPICAL
PROVIDE NEW RECEPTACLES C/W CONDUIT & WIRING. REUSE EXISTING CIRCUIT FOR NEW RECEPTACLES. ALL NEW RECEPTACLES SHALL BE RECESSED.

2. TYPICAL
REINSTALL EXISTING SPEAKERS. WIRING BY PA CONTRACTOR.

3. PROVIDE TV OUTLET C/W 21MM CONDUIT UP TO CEILING SPACE. COORDINATE EXACT LOCATION ON SITE WITH PA CONTRACTOR.

4. TYPICAL
REINSTALL EXISTING SECURITY DEVICES C/W WIRING.

5. PROVIDE 120V WIRING FOR DOOR OPERATOR. PROVIDE BACK BOX C/W 21MM CONDUIT & NYLON PULL STRING TO PUSH BUTTON.

6. PROVIDE HARDWIRE CONNECTION FOR ELECTRICAL FURNACE C/W CONDUIT & WIRING. CCT AS INDICATED.

7. RTU-1(N) 208V, 3ø, MCA-64A, MOP 90A. PROVIDE WEATHER PROOF DISCONNECT C/W CONDUIT & WIRING FROM MAIN SWITCHBOARD. REFER TO RISER DIAGRAM. COORDINATE EXACT CONDUIT ROUTE IN SITE. 5-20R RECEPTACLE COMES WITH UNIT, ELECTRICAL CONTRACTOR TO PROVIDE WIRING C/W CONDUIT FROM KITCHEN PANEL E. CIRCUIT AS INDICATED.

8. EXTEND WIRING & RELOCATE EXISTING SPEED SWITCH FOR CEILING FAN C/W CONDUIT.

9. TYPICAL
PROVIDE 2X 20A RECEPTACLES FOR PROJECTOR C/W CONDUIT & WIRING. PROVIDE 2X21MM CONDUIT FROM SOUND EQUIPMENT CLOSET 111B. COORDINATE EXACT MOUNTING HEIGHT WITH OWNERS PA CONTRACTOR.

10. PROVIDE TWO 53MM CONDUIT FROM SOUND EQUIPMENT CLOSET 111B TO LOBBY 101 FOR PA. COORDINATE WORK WITH OWNERS PA CONTRACTOR.

11. HOT WATER TANK 6KW, 208V, 3ø. PROVIDE DISCONNECT C/W CONDUIT & WIRING. CIRCUIT AS INDICATED. COORDINATE WORK WITH MECHANICAL CONTRACTOR & FINAL BREAKER SIZE WITH EQUIPMENT SHOP DRAWING.

12. TYPICAL
COFFEE MACHINE 120-208V, 1ø, 3W+GWD. PROVIDE HARD WIRE CONNECTION C/W CONDUIT & WIRING. CIRCUIT AS INDICATED. COORDINATE FINAL BREAKER SIZE WITH EQUIPMENT SHOP DRAWING. COORDINATE EXACT LOCATION ON SITE WITH CLIENT PRIOR ROUGH-IN.

13. DISHWASHER 120/208V, 3ø, 4W+GND. PROVIDE HARD WIRE CONNECTION C/W CONDUIT & WIRING. CIRCUIT AS INDICATED. COORDINATE FINAL BREAKER SIZE WITH EQUIPMENT SHOP DRAWING.

14. TYPICAL
EXTEND EXISTING WIRING C/W CONDUIT & RELOCATE EXISTING ELECTRIC BASEBOARD HEATERS. RATING AS INDICATED. COORDINATE EXACT LOCATION ON SITE. TRACE & REUSE EXISTING CIRCUIT.

15. PROVIDE NEW 200A-3P BREAKER IN MAIN SWITCHBOARD. PROVIDE NEW PANEL C/W JUNCTION BOX, CONDUIT, BRANCH BARKERS & WIRING. RECONNECT ALL EXISTING TO REMAIN CIRCUIT. CUT & PATCH EXISTING WALL BY GENERAL CONTRACTOR. REFER TO RISER DIAGRAM.

16. PROVIDE NEW RECESSED WALL MOUNTED FORCE FLOW HEATER 3KW, 208V, 1-PHASE EQUAL TO DIMPLEX MAKE. RFI/RFV SERIES C/W CONDUIT & WIRING. PROVIDE WALL MOUNTED LINE VOLTAGE THERMOSTAT & CONNECT TO FORCE FLOW HEATER. REUSE EXISTING CIRCUIT.

17. PROVIDE NEW KICK SPACE HEATER 1KW, 208V, 1PHASE EQUAL TO CHROMALOX OR STELPRO MAKE C/W CONDUIT & WIRING. PROVIDE WALL MOUNTED LINE VOLTAGE THERMOSTAT & CONNECT TO KICK SPACE HEATER. REUSE EXISTING CIRCUIT.

18. PROVIDE NEW BASEBOARD HEATER 1KW, 208V, 1PHASE EQUAL TO STELPRO MAKE AB SERIES C/W BUILT-IN THERMOSTAT, CONDUIT & WIRING IN STAIR. REUSE EXISTING CIRCUIT.

19. REMOVE WIRING FROM BUILT-IN THERMOSTATS, GROUP AND CONNECT ALL BASEBOARD HEATERS ON CIRCUIT AS SHOWN. PROVIDE NEW WALL MOUNTED LINE VOLTAGE 208V, 20A THERMOSTAT & CONNECT ALL BASEBOARD HEATERS IN LIBRARY CAFE AS INDICATED. TEST & VERIFY.

GENERAL NOTES

1. TYPICAL
ALL EXISTING TO REMAIN AND NEW WIRING IN CEILING SPACE SHALL BE IN CONDUIT ONLY. TIE NEATLY ALL COMMUNICATION AND SECURITY CABLING. PROVIDE REQUIRED JUNCTION BOXES, FIRE RATED ACCESS PANELS AS REQUIRED.COORDINATE WITH OWNERS DATA, PA AND SECURITY CONTRACTOR. PROVIDE REQUIRED CONDUITS AND POWER.

2. TYPICAL
PA & SECURITY WIRING & DEVICES BY OWNERS PA CONTRACTOR.

3. TYPICAL
PATCH & REPAIR EXISTING WALL & CEILING BY GENERAL CONTRACTOR. PROVIDE PULL BOX AT EVERY 3RD BEND & IDENTIFY CIRCUIT NUMBER ON PULL BOX. SCAN SLAB PRIOR CORING. PROVIDE FIRE AND SMOKE AT ALL NEW PENETRATIONS IN FIRE RATED WALLS/SLAB WITH FIRE STOP AND SEALANT. COORDINATE EXACT CONDUIT ROUTE ON SITE.

4. COORDINATE KITCHEN EQUIPMENT(COFFEE MACHINES, DISHWASHER & DHWT LOCATION WITH ARCHITECT & CLIENT PRIOR ROUGH-IN.

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Drawing title/Titre du dessin
GROUND FLOOR
ELECTRICAL POWER & SYSTEM
NEW WORK LAYOUT

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