

NOTICE TO BIDDERS

IFB 2018-09-003

Addendum 1

10/9/18

Central Texas Community Health Center d/b/a CommUnityCare

SEHW Remodel and Renovation

Clarification

Plans and Drawings can be found on the following websites:

BidSync - <https://www.bidsync.com/community-care>

ESBD - <http://esbd.cpa.state.tx.us/>

Central Health - https://www.centralhealth.net/sdm_downloads/central-health-southeast-health-wellness-center-remodel-and-renovation/

Correction

See Attachment A, Permit review comments correction/additional design information

Questions in Black, Answers in **RED**

1. If we did not attend the mandatory Pre-Bid meeting, are we still able to submit a proposal?
No, because of the two unique projects it was determined vendors could not give accurate construction quote without first seeing the site.
2. Is there an estimated budget/cost?
See question 4
3. Is there an estimated start date for the work?
Start date will be dependent on the fully executed agreement with the Awarded Vendor. We are hoping to start the project second week of November.
4. Is there an engineer's estimate on the value of work for bonding purposes?
For the bid bond of 5% the estimated construction value is \$337,000

Addendum

S.E. Health & Wellness Center Renovations

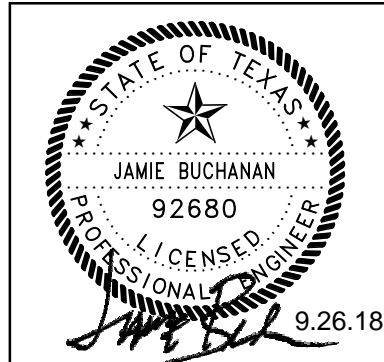
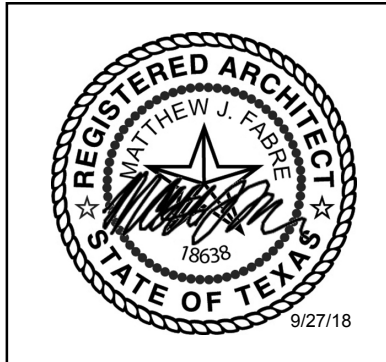
Central Health

Austin, Texas

Project No. 1826.01

Addendum No. 1

Page 1 of 3



Addendum No. 1

Date: September 28, 2018

S.E. Health & Wellness Center Renovations

Central Health

Austin, Texas

Notice To Bidders

A. This Addendum shall be considered part of the Construction Documents dated August 31, 2018, for the above-mentioned project, as though it had been issued at the same time and incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Construction Documents, this Addendum shall govern and take precedence.

B. Bidders are hereby notified that they shall make necessary adjustments in their estimates on account of this Addendum. It will be construed that each bidder's proposal is submitted



Addendum

S.E. Health & Wellness Center Renovations
Central Health
Austin, Texas
Project No. 1826.01

Addendum No. 1
Page 2 of 3

with full knowledge of all modifications and supplemental data specified herein. Please staple in the back of your specification book.

SPECIFICATIONS

- ITEM 1** **Section 00 01 15 – DRAWING INDEX**
A. **REVISED** and **REISSUED** as part of this Addendum.

DRAWINGS

GENERAL:

- ITEM G1** **Sheet G1.1 – DRAWING INDEX AND SYMBOLS**
B. **REVISED** and **REISSUED** as part of this Addendum.

STRUCTURAL:

- ITEM S1** **Sheet XS-1 – TYPICAL TRENCH DETAIL FOR UNDER-SLAB PLUMBING LINES**
A. **NEW** 11" x 17" sheet is **ISSUED** as part of this Addendum.

ELECTRICAL:

- ITEM E1** **Sheet E2.2 – LIGHTING DEMOLITION PLAN**
A. **REVISED** and **REISSUED** as part of this Addendum.
- ITEM E2** **Sheet E3.1 – POWER & SPECIAL SYSTEMS PLAN**
A. **REVISED** and **REISSUED** as part of this Addendum.
- ITEM E3** **Sheet E3.2 – LIGHTING PLANS**
A. **REVISED** and **REISSUED** as part of this Addendum.
- ITEM E4** **Sheet E6.1 – ONE-LINE RISER DIAGRAM**
A. **NEW** 30" x 42" sheet **ISSUED** as part of this Addendum.
- ITEM E5** **Sheet E7.1 – ELECTRICAL SCHEDULES & DETAILS**
A. **REVISED** and **REISSUED** as part of this Addendum.



Addendum

S.E. Health & Wellness Center Renovations

Central Health

Austin, Texas

Project No. 1826.01

Addendum No. 1

Page 3 of 3

ITEM E6 Sheet E7.2 – ELECTRICAL SCHEDULES

A. **NEW** 30" x 42" sheet **ISSUED** as part of this Addendum.

ITEM E7 Sheet E7.3 – ELECTRICAL SCHEDULES

A. **NEW** 30" x 42" sheet **ISSUED** as part of this Addendum.

ATTACHMENTS

The following Specification Sections are attached to this Addendum:

- **Section 00 01 15 – DRAWING INDEX**

The following drawings (11" x 17") reflect revisions in the work and are attached to this Addendum:

- **XS-1 – TYPICAL TRENCH DETAIL FOR UNDER-SLAB PLUMBING LINES**

The following drawings (30" x 42") reflect revisions in the work and are attached to this Addendum:

- **G1.1 – DRAWING INDEX AND SYMBOLS**
- **E2.2 – LIGHTING DEMOLITION PLAN**
- **E3.1 – POWER & SPECIAL SYSTEMS PLAN**
- **E3.2 – LIGHTING PLANS**
- **E6.1 – ONE-LINE RISER DIAGRAM**
- **E7.1 – ELECTRICAL SCHEDULES & DETAILS**
- **E7.2 – ELECTRICAL SCHEDULES**
- **E7.3 – ELECTRICAL SCHEDULES**

END OF ADDENDUM NO. 1

SECTION 00 01 15 – DRAWING INDEX

GENERAL

SHEET G1.0 COVER SHEET
SHEET G1.1 DRAWING INDEX AND SYMBOLS
SHEET G2.1 ADULT TAS ACCESSIBILITY

LIFE SAFETY

SHEET LS1.1 LIFE SAFETY INFORMATION

ARCHITECTURAL

SHEET A2.1 DEMOLITION PLANS
SHEET A3.1 FLOOR PLANS
SHEET A7.1 PARTITION TYPES AND DETAILS
SHEET A7.2 DETAILS
SHEET A7.3 DOOR, FRAME TYPES, AND FINISH SCHEDULE
SHEET A9.1 REFLECTED CEILING PLAN
SHEET A9.2 ROOM FINISH PLAN
SHEET A10.1 INTERIOR ELEVATIONS

FIRE PROTECTION

SHEET FP1.1 FIRE PROTECTION NOTES, SYMBOLS AND FLOOR PLAN

PME

SHEET PME1.1 PME OVERALL PLANS

PLUMBING

SHEET P1.1 PLUMBING NOTES, SYMBOLS AND ABBREVIATIONS
SHEET P2.1 PLUMBING DEMOLITION PLANS
SHEET P3.0 PLUMBING UNDERFLOOR PLANS
SHEET P3.1 PLUMBING FLOOR PLANS
SHEET P5.1 PLUMBING DETAILS

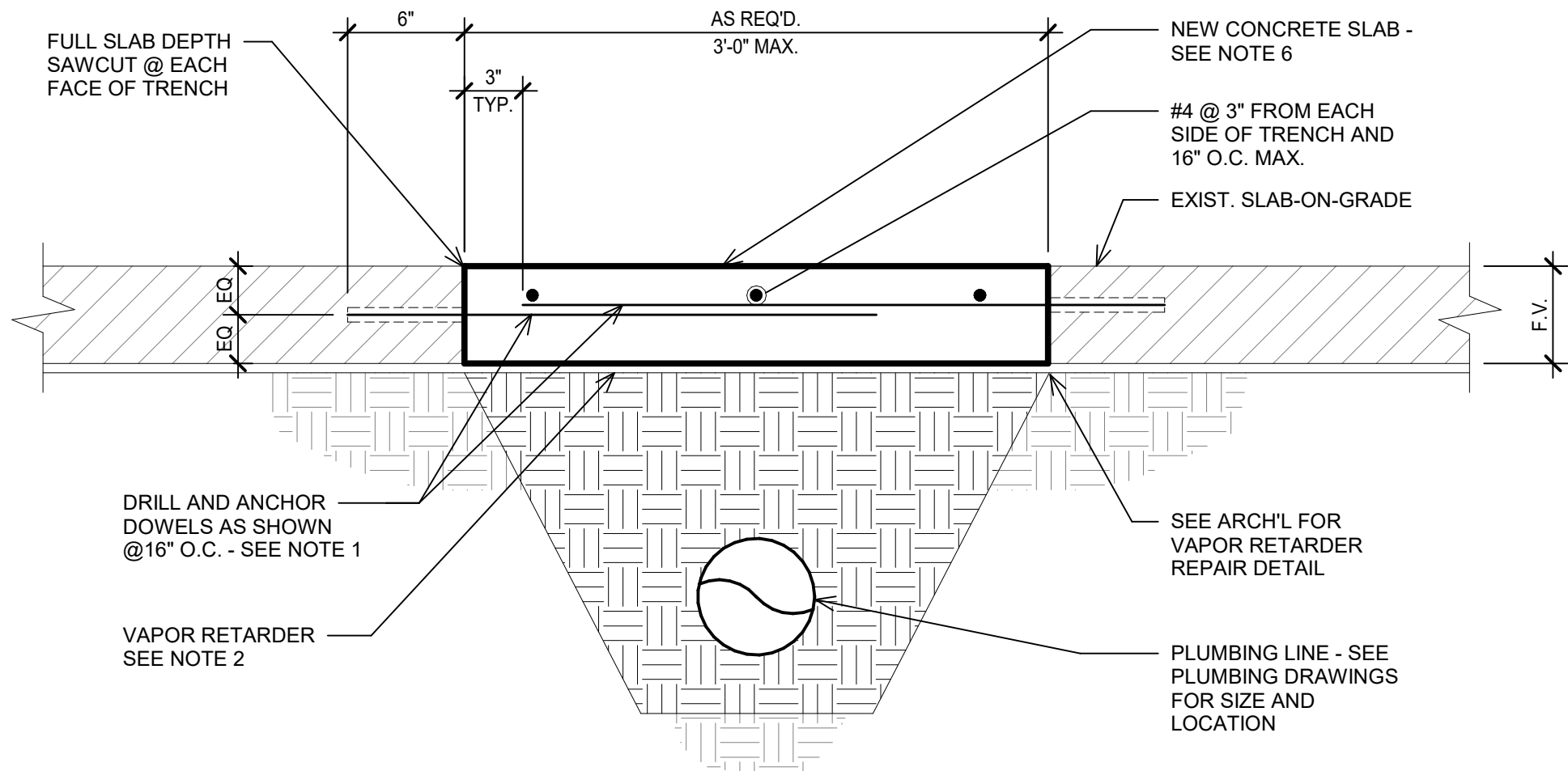
MECHANICAL

SHEET M1.1 MECHANICAL NOTES, SYMBOLS, SCHEDULES & DETAILS
SHEET M2.1 MECHANICAL DUCTWORK DEMOLITION PLANS
SHEET M3.1 MECHANICAL DUCTWORK PLANS

ELECTRICAL

SHEET E1.1 ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS
SHEET E2.1 POWER & SPECIAL SYSTEMS DEMOLITION PLANS
SHEET E2.2 LIGHTING DEMOLITION PLANS
SHEET E3.1 POWER & SPECIAL SYSTEMS PLANS
SHEET E3.2 LIGHTING PLANS
SHEET E6.1 ONE-LINE RISER DIAGRAM
SHEET E7.1 ELECTRICAL SCHEDULES & DETAILS
SHEET E7.2 ELECTRICAL SCHEDULES
SHEET E7.3 ELECTRICAL SCHEDULES

END OF DRAWING INDEX

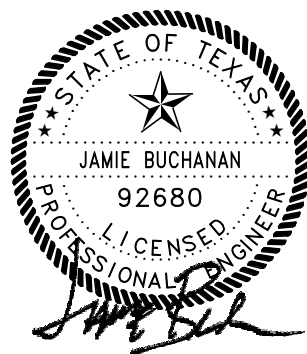


NOTES:

- ADHESIVE ANCHORING SYSTEM SHALL BE HILTI "HIT-HY 200" OR SIMPSON "ACRYLIC-TIE". FOLLOW ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- VAPOR RETARDER SHALL MEET THE FOLLOWING PROPERTIES:
 - 15 MIL MINIMUM THICKNESS
 - MEET ASTM E 1745 CLASS A
 - WATER VAPOR PERMEANCE PER ASTM E96 SHALL BE 0.01 OR LESS
- LAP JOINTS IN VAPOR RETARDER 6" MIN. USE MANUFACTURER'S STANDARD ADHESIVE OR PRESSURE SENSITIVE TAPE FOR SEALING MEMBRANE AT SEAMS, PIPE PENETRATIONS, TEARS, ETC.
- PROVIDE 2-#4X2'-0" DIAGONAL BARS AT RE-ENTRANT CORNERS IN SAWCUT. PLACE AT MID-DEPTH OF SLAB.
- SOIL REMOVED FOR SLAB TRENCH SHALL BE REPLACED AND RECOMPACTED TO A MINIMUM OF 95% STANDARD PROCTER DENSITY (ASTM D698).
- PLACE SLAB BACK TO THICKNESS TO MATCH EXISTING WITH A MINIMUM 3,000 PSI NORMAL WEIGHT CONCRETE AND A RATIO OF 0.50 OR LESS.
- THE CONTRACTOR SHALL ENSURE THAT TRENCHING FOR THE UTILITY LINE IS NOT OVER-EXCAVATED AND THAT NO PORTION OF THE SURROUNDING SLAB-ON-GRADE IS LEFT UNSUPPORTED.
- CONTRACTOR SHALL PROVIDE A COLD JOINT EVERY 30 LINEAR FEET IN THE PORTION OF NEW CONCRETE SLAB THAT IS PLACED DUE TO UNDER-SLAB TRENCHING.

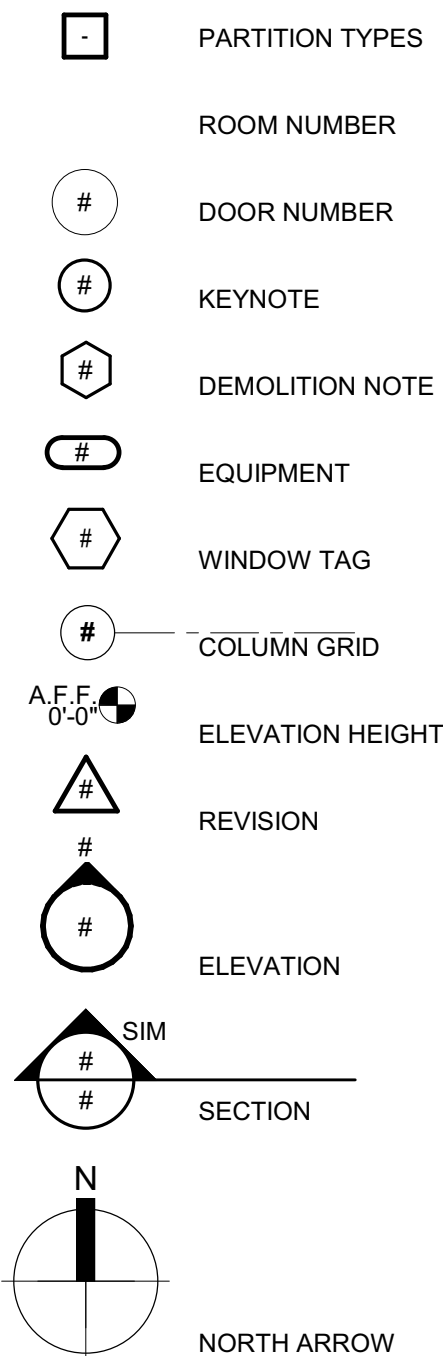
1 TYPICAL TRENCH DETAIL FOR UNDER-SLAB PLUMBING LINES

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

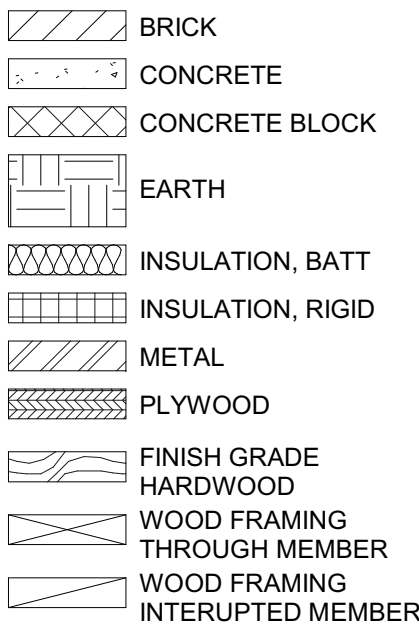


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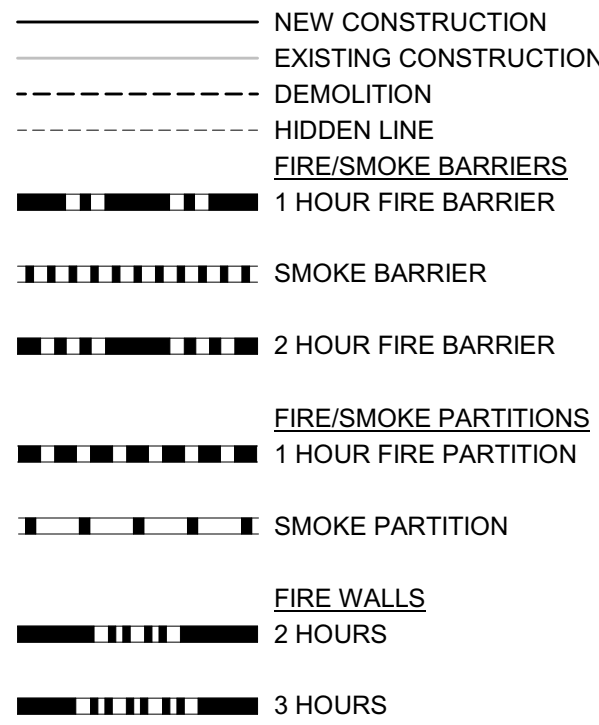
JQ + TSEN JQ + TSEN, LLC 210 BARTON SPRINGS RD., SUITE 250 AUSTIN, TEXAS 78704 JQT PROJECT NO:		PROJECT CENTRAL HEALTH - SE HEALTH & WELLNESS CENTER RENOVATIONS	
		CLIENT O'CONNELL ROBERTSON	
REF.	REV.	DATE 09/26/18	SHEET XS-1



ARCHITECTURAL SYMBOLS



ARCHITECTURAL MATERIALS



ARCHITECTURAL LINETYPES

ABV	ABOVE	D	DRAIN	FRT	FIRE RESISTANT TREATED	M	METER	PSF	POUNDS PER SQUARE FOOT	TB	TACK BOARD
ACOUS	ACOUSTICAL	DBL	DOUBLE	FT	FOOT	MAS	MASONRY	PSI	POUNDS PER SQUARE INCH	TOC	TOP OF CURB
ADJ	ADJUSTABLE	DEMO	DEMOLISH, DEMOLITION	FURR	FURRING	MAX	MAXIMUM	PT	PRESSURE TREATED	TOSC	TOP OF STRUCTURAL STEEL
AFF	ABOVE FINISH FLOOR	DEPT	DEPARTMENT	FWC	FABRIC WALL COVERING	MDF	MEDIUM DENSITY FIBER BOARD	QT	QUARRY TILE	TEL	TELEPHONE
ALUM	ALUMINUM	DF	DRINKING FOUNTAIN			MED	MEDIUM	QTB	QUARRY TILE BASE	THK	THICK
ALT	ALTERNATE	DIA or Ø	DIAMETER	GA	GAUGE	MEMB	MEMBRANE			TOB	TOP OF BEAM
ANOD	ANODIZED	DIM	DIMENSION	GALV	GALVANIZED	METAL	METAL			TOP	TOP OF PAVEMENT
APPROX	APPROXIMATELY	DIV	DIVISION	GB	GRAB BAR	MFG	MANUFACTURER	RI	RISER	TOM	TOP OF MASONRY
AWP	ACOUSTICAL WALL PANEL	DL	DEAD LOAD	GC	GENERAL CONTRACTOR	MH	MANHOLE	R	RADIUS	TOS	TOP OF STEEL (BOTTOM OF ROOF DECK)
		DN	DOWN	GCLU	GLAZED CMU	MIN	MINIMUM	RB	RUBBER BASE	TP	TOILET PARTITION
BD	BOARD	DS	DOWN SPOUT	GI	GALVANIZED IRON	MISC	MISCELLANEOUS	RCP	REFLECTED CEILING PLAN	TV	TELEVISION
BLDG	BUILDING	DSP	DRY STAND PIPE	GL	GLASS	MM	MILLIMETER	RD	ROOF DRAIN	TYP	TYPICAL
BOT	BOTTOM	DTL	DETAIL	GLB	GLASS BLOCK	MO	MASONRY OPENING	REF	REFERENCE	TZ	TERRAZZO
BW	BOTH WAYS	DWG	DRAWING	GMT	GLASS MOSAIC TILE	MOD	MODULAR	REFR	REFRIGERATOR	TZB	TERRAZZO BASE
BM	BENCH MARK			MTD	MOUNT(ED) (ING)	MTD	MOUNT(ED) (ING)	REIN	REINFORCING		
		E	EAST	GR	GRADE	MUL	MULLION	REQ	REQUIRE(D) (ING)	UC	UNDERCUT
C	CHANNEL	EA	EACH	GYP	GYP SUM			REV	REVISION	UNO	UNLESS OTHERWISE NOTED
CC	CUBICAL CURTAIN	EPO	EPOXY FLOOR	GYP BD	GYP SUM BOARD	N	NORTH	RH	RIGHT HAND	USC	UNDER SEPARATE CONTRACT
CK	CORK	EFB	EPOXY FLOOR BASE			NAT	NATURAL	RM	ROOM(S)		
CAB	CABINET	EG	EXPANSION JOINT	HC	HOLLOW CORE	NIC	NOT IN CONTRACT	ROW	RIGHT OF WAY	VAR	VARNISH
CB	CHALK BOARD	HDR	HEADER	HDR	HEADER	NO or #	NUMBER	RWVC	RIGID VINYL WALL COVERING	VB	VAPOR BARRIER
CFCI	CONTRACTOR FURNISH CONTRACTOR INSTALL	EL	ELEVATION	HDW	HARDWARE	NOM	NOMINAL			VB	VINYL BASE
CFOI	CONTRACTOR FURNISH OWNER INSTALL	VCTI	VCTI	HDWD	HARDWOOD	NRC	NOISE REDUCTION COEFFICIENT			VCT	VINYL COMPOSITION TILE
CFT	CUBIC FOOT	ETB	EPOXY TERRAZZO BASE	HGT	HEIGHT	NTS	NOT TO SCALE	S	SOUTH	VERT	VERTICAL
CG	CORNER GUARD	ELECT	ELECTRICAL	HM	HOLLOW METAL			SC	SOLID CORE	VEST	VESTIBULE
CL	CORNER LINE	EM	ENTRANCE MAT	HORIZ	HORIZONTAL	OC	ON CENTER	SCHED	SCHEDULE	VT	VINYL THROUGH ROOF
CLG	CEILING	EMER	EMERGENCY	HP	HIGH POINT	OD	OUTSIDE DIAMETER	SECT	SECTION	VTR	VINYL WALL COVERING
CI	CAST IRON	ENCL	ENCLOSURE	HR	HANDRAIL	OFD	OVERFLOW ROOF DRAIN	SHR	SHOWER	WVC	
CLO	CLOSET	EP	EPOXY PAINT	HVAC	HEATING VENTILATION AIR CONDITIONING	OFF	OFFICE	SIM	SIMILAR		
CLEAR	CLEAR	EQ	EQUAL			OFI	OWNER FURNISH OWNER INSTALL	SPECS	SPECIFICATION(S)	W	WEST
CMP	CROWN MOLDING PAINTED	EQUIP	EQUIPMENT	ID	INSIDE DIAMETER	OCFI	OWNER FURNISH CONTRACTOR INSTALL	SQ	SPEAKER	W/	WITH
CMS	CROWN MOLDING STAINED	EWC	ELECTRIC WATER COOLER	INCL	INCLUDING	OVS	OVERHEAD	SQ	SQUARE	WPB	WOOD BASE PAINTED
CMT	CERAMIC MOSAIC TILE	EXP	EXPANSION	INSUL	INSULATION	OH	OPPOSITE HAND	SS	STAINLESS STEEL	WBS	WOOD BASE STAINED
CMTB	CERAMIC MOSAIC TILE BASE	EXIST	EXISTING	INT	INTERIOR	OPNG	OPENING	ST	STONE	WC	WATER CLOSET
CMTW	CERAMIC MOSAIC TILE WALL	EXT	EXTERIOR	IPS	IRON PIPE SIZE	OPP	OPPOSITE	STC	STONE COUNTERTOP	WD	WOOD
CMU	CONCRETE MASONRY UNIT							STW	STONE WALL	WDS	WOOD STAINED
CO	CASED OPENING	FA	FIRE ALARM	J	JOIST	P	PAINT(ED)	STB	STONE BASE	WIN	WINDOW
COL	COLUMN	FBO	FURNISHED BY OTHERS	JAN	JANITOR	PARA	PARTICLE BOARD	STC	STAINED CONCRETE	WOC	WITHOUT
CONC	CONCRETE	FD	FLOOR DRAIN	JT	JOINT	PBD	PARTICLE BOARD	STD	STANDARD	WP	WOOD PANELING PREFINISHED
CONST	CONSTRUCTION	FE	FIRE EXTINGUISHER			PCF	POUNDS PER CUBIC FOOT	STL	STEEL	WPP	WOOD PANELING PAINTED
CR	CHAIR RAIL	FEC	FIRE EXTINGUISHER CABINET	KIT	KITCHEN	PERF	PERFORATED	STO	STORAGE	WPS	WOOD PANELING STAINED
CORR	CORRIDOR	FEE	FINISH FLOOR ELEVATION	KO	KNOCKOUT	PERI	PERIMETER	STUC	STRUCTURAL	WS	WATER STOP
CPT	CARPET	FHC	FIRE HOSE CABINET	L	LENGTH/LONG	PFL	POUNDS PER LINEAR FOOT	SV	SHEET VINYL	WSC	WAINSCOT
CPTB	CARPET BASE	FHVC	FIRE HOSE VALVE CABINET	L	LENGTH/LONG	PL	PLATE	SVB	SHEET VINYL COVED BASE	WT	WEIGHT
CTB	CERAMIC TILE	FE	FINISHED END	LAB	LABORATORY	PLAM	PLASTIC LAMINATE	SYM	SYMMETRICAL	WWF	WELDED WIRE FABRIC
CTB	CERAMIC TILE BASE	FEE	FINISHED END	LAM	LAMINATE	PLAS	PLASTER	SYS	SYSTEM		
CTW	CERAMIC TILE WALL	FOC	FACE OF CONCRETE	LH	LEFT HAND	PLYWD	PLYWOOD				
CTSK	COUNTERSINK	FOF	FACE OF FINISH	LI	LINOLEUM	PP	PORCELAIN PAVER				
CYD	CUBIC YARD	FOS	FACE OF STUDS	LIT	LINOLEUM COVED BASE	PPB	PORCELAIN PAVER BASE				
		FRF	FIRE RESISTANT	LL	LIVE LOAD	PR	PAIR				

ARCHITECTURAL ABBREVIATIONS

DRAWING INDEX

GENERAL	
G1.0	COVER SHEET
G1.1	DRAWING INDEX AND SYMBOLS
G2.1	ADULT TAS ACCESSIBILITY
LIFE SAFETY	
LS1	LIFE SAFETY INFORMATION
ARCHITECTURAL	
A2.1	DEMOLITION PLANS
A3.1	FLOOR PLANS
A7.1	PARTITION TYPES AND DETAILS
A7.2	DETAILS
A7.3	DOOR AND FRAME TYPES
A9.1	REFLECTED CEILING PLAN
A9.2	ROOM FINISH PLAN
A10.1	INTERIOR ELEVATIONS
FIRE PROTECTION	
FP1.1	FIRE PROTECTION NOTES, SYMBOLS AND FLOOR PLAN
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E2.1	POWER & SPECIAL SYSTEMS DEMOLITION PLANS
E2.2	LIGHTING DEMOLITION PLANS
E3.1	POWER & SPECIAL SYSTEMS PLANS
E3.2	LIGHTING PLANS
E3.3	ONE LINE Riser DIAGRAM
E4.1	ELECTRICAL SCHEDULES & DETAILS
E7.1	ELECTRICAL SCHEDULES
E7.2	ELECTRICAL SCHEDULES
E7.3	ELECTRICAL SCHEDULES

GENERAL PROJECT NOTES

- GENERAL NOTES APPLY TO ALL SHEETS.
- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND RELATED ITEMS REQUIRED TO COMPLETE THE DEMOLITION WORK AS INDICATED BY THE CONTRACT DOCUMENTS.
- CONTRACTOR TO VERIFY ALL DIMENSIONS.
- ALL ACCESSIBLE ROUTES (OTHER THAN RAMPS) SHALL NOT EXCEED A SLOPE OF 1:20, AND CROSS SLOPES SHALL NOT EXCEED A SLOPE OF 1:50
- THE DRAWINGS INDICATE BUILDING CONDITIONS PER EXISTING DRAWINGS AND ACTUAL PROJECT INVESTIGATION. THE CONTRACTOR SHALL ANTICIPATE POSSIBLE SLIGHT DEVIATION FROM THESE DRAWINGS. REFER TO ARCHITECTURAL & MEP DRAWINGS AND DETAILS FOR EXTENT OF DEMOLITION.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- INSTALL TEMPORARY DUST PARTITIONS WITH DOORS FOR CONSTRUCTION ACCESS AROUND AREAS OF WORK SO THAT OPERATIONS IN EXISTING ADJACENT AREAS REMAIN DUST FREE AND ACCESSIBLE TO BUILDING OCCUPANTS. MAINTAIN IN PLACE UNTIL COMPLETION OF CONSTRUCTION.
- REMOVE ALL BUILDING PARTS AND/OR OTHER ITEMS TO ALLOW FOR THE INSTALLATION AND CONNECTION OF NEW WORK. COORDINATE THE WORK WITH THE HVAC, PLUMBING AND ELECTRICAL DEMOLITION DRAWINGS.
- REMOVAL OF THE BUILDING PARTS SHALL BE PERFORMED IN A SAFE, ORDERLY AND CAREFUL MANNER, WITH THE CONSIDERATION AT ALL TIMES FOR THE SAFETY AND WELFARE OF THE OWNER, BLDG. OCCUPANTS, & PERSONNEL OF THE CONTRACTOR AND/OR SUBCONTRACTOR.
- MAINTAIN THE UTILITIES TO OCCUPIED SPACES AT ALL TIMES. COORDINATE ANY UTILITY DOWNTIMES W/ OWNER. PROVIDE 72 HOUR ADVANCE NOTICE TO THE OWNER OF INTENDED UTILITY SHUT DOWN AND/OR DISRUPTION.
- ANY QUESTIONS CONCERNING OWNERSHIP OF SALVAGEABLE MATERIAL SHALL BE ANSWERED BY THE OWNER, OR OWNERS REPRESENTATIVE. ALL ITEMS OTHER THAN FINISH MATERIALS TO BE REMOVED AS PART OF THIS CONTRACT ARE INDICATED WITH DASHED LINES ON DEMOLITION SHEETS. DISPOSE OF THESE MATERIALS AND ITEMS AFTER CHECKING WITH OWNER FOR ITEMS TO BE SALVAGED. SALVAGE ANY ITEMS REQUIRED TO COMPLETE NEW WORK.
- REMOVE ALL MISCELLANEOUS DEVICES AS REQUIRED TO INSTALL NEW FINISHES, INCLUDING BUT NOT LIMITED TO: PLUMBING, FIXTURES, SIGNAGE, SWITCH PLATES, TELEVISION BRACKETS, WALL OUTLET COVERS, TOILET ACCESSORIES, CORNER GUARDS, ETC. SAVE FOR REINSTALLATION AFTER COMPLETION OF FINISH WORK.

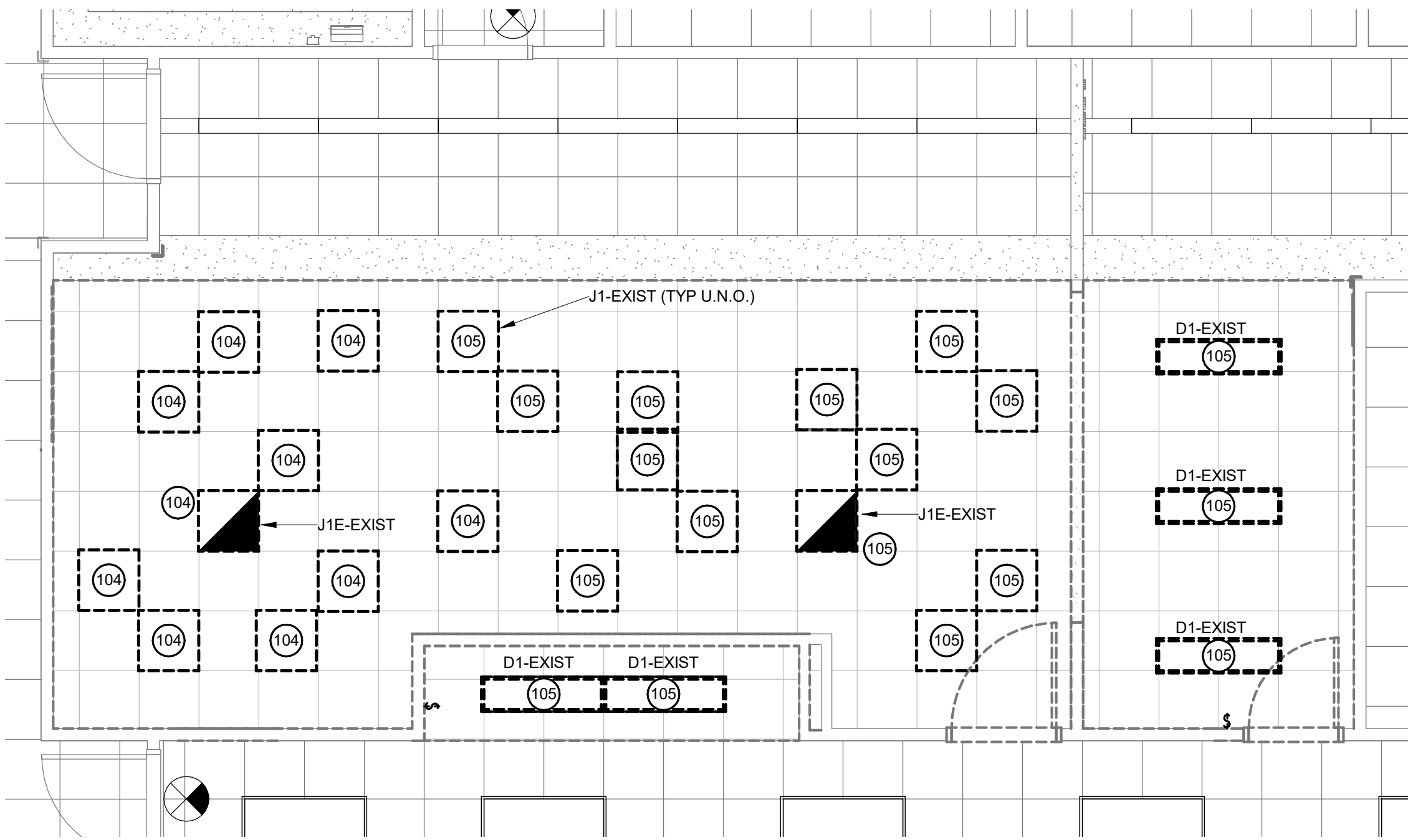
GENERAL PROJECT NOTES

- PROTECT ALL EXISTING FINISHES, DOOR FRAMES, EQUIPMENT AND MATERIALS THAT ARE TO REMAIN IN PLACE. DAMAGE TO EXISTING COMPONENTS BY CONTRACTOR SHALL BE REPLACED WITH NEW MATERIAL OF LIKE KIND AND QUALITY THAT MATCH THE EXISTING STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING EXISTING SURFACES TO RECEIVE NEW FINISHES SCHEDULED.
- REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR OTHER WORK.
- ELECTRICAL AND MECHANICAL INSTALLATIONS MAY REQUIRE WORK ABOVE EXISTING CEILINGS BOTH IN THE AREA OF WORK AND IN ADJACENT AREAS (POSSIBLY ON OTHER FLOORS). REMOVE AND REINSTALL (OR REPLACE) CEILING TILES AND GRID AS REQUIRED. REMOVE GYPSUM BOARD AT WALLS AND CEILINGS AND REPLACE AS REQUIRED.
- UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL OUTLETS & FIXTURES IN REMODELED AREAS ARE TO BE REMOVED & RETURNED TO OWNER. SEE ELECTRICAL SHEETS FOR DEVICES & CIRCUITS TO BE REUSED.
- ALL ITEMS AND ASSOCIATED CONNECTIONS ARE TO BE REMOVED AND TERMINATED AT DESIGNATED POINTS. SERVICE CONNECTIONS SHALL BE SAFELY REMOVED, CAPPED OR PLUGGED IN CONFORMITY WITH LOCAL LAWS AND ORDINANCES, REQUIREMENTS OF PUBLIC UTILITY COMPANIES, AND OF THE NATIONAL BOARD OF FIRE UNDERWRITERS, AND IN SUCH MANNER AS NOT TO INTERFERE WITH THE USE OF THE OCCUPIED SPACES IN THE BUILDING.
- IF A CONDUIT OR UTILITY LINE IS CUT WHILE SLEEVEING OR CUTTING THE SLAB OR REMOVING A PARTITION, THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING IT IMMEDIATELY.
- ANY EXISTING TO REMAIN FIREPROOFING OR FIRE ASSEMBLIES DAMAGED DURING CONSTRUCTION ARE TO BE REPAIRED TO ORIGINAL FIRE PROTECTION REQUIREMENTS.
- IMMEDIATELY SEAL ALL PENETRATIONS IN EXISTING STRUCTURE OPENED DURING DEMOLITION WITH FIRESTOPPING MATERIAL AND/OR WATERPROOFING.
- SEAL ALL PENETRATIONS, NEW AND EXISTING, ABOVE CEILINGS AT RATED FIRE WALLS IN AREAS OF WORK.
- PROVIDE DUST PROTECTION OF ALL SUPPLY AND RETURN AIR DIFFUSERS/GRILLES, AND TO CHANGE THESE DAILY.
- ANY / ALL CONCRETE SAW CUTTING WILL BE "WET" TO MINIMIZE DUST GENERATION.
- CONTRACTOR TO PROVIDE VACUUM OR OTHER MEANS TO COLLECT ALL WATER AND TO PREVENT ITS FLOW OUTSIDE CONSTRUCTION AREA.
- ALL SAW CUTTING AND OTHER HIGH NOISE ACTIVITY AS DETERMINED BY OWNER WILL BE PERFORMED OFF HOURS.
- CONTRACTOR SHALL PHOTOGRAPH AND OTHERWISE DOCUMENT ALL CONDITIONS ADJACENT TO CONSTRUCTION AREAS PRIOR TO THE START OF WORK. PROVIDE PHOTOS TO OWNER.
- OWNER SHALL PAY FOR OR REIMBURSE CONTRACTOR FOR GENERAL BUILDING PERMIT. ALL OTHER (TRADE) PERMITS SHALL BE PAID FOR BY CONTRACTOR OR ITS SUBCONTRACTORS.

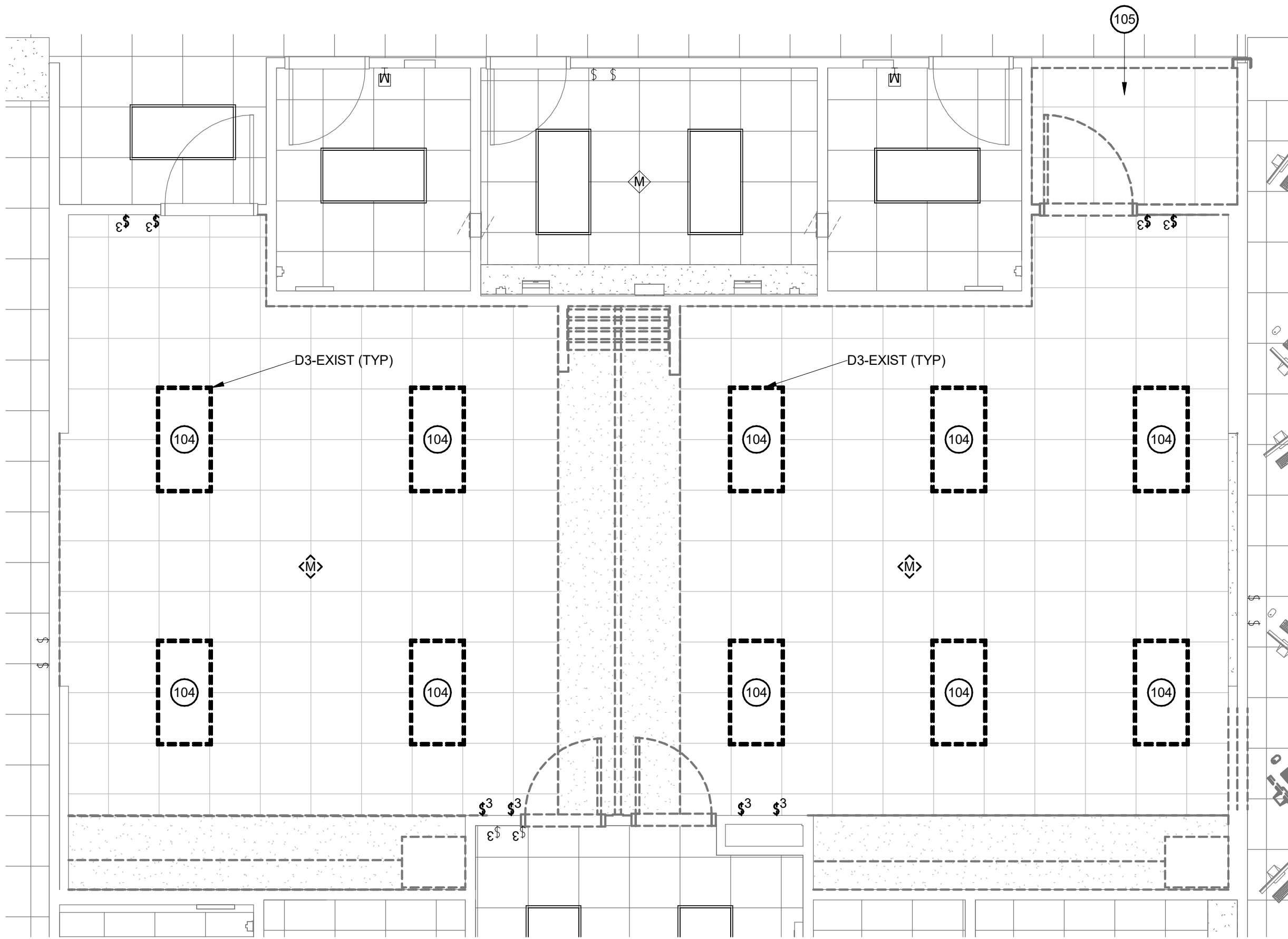


NO.	DESCRIPTION	DATE
1	ADDENDUM 1	09/28/18

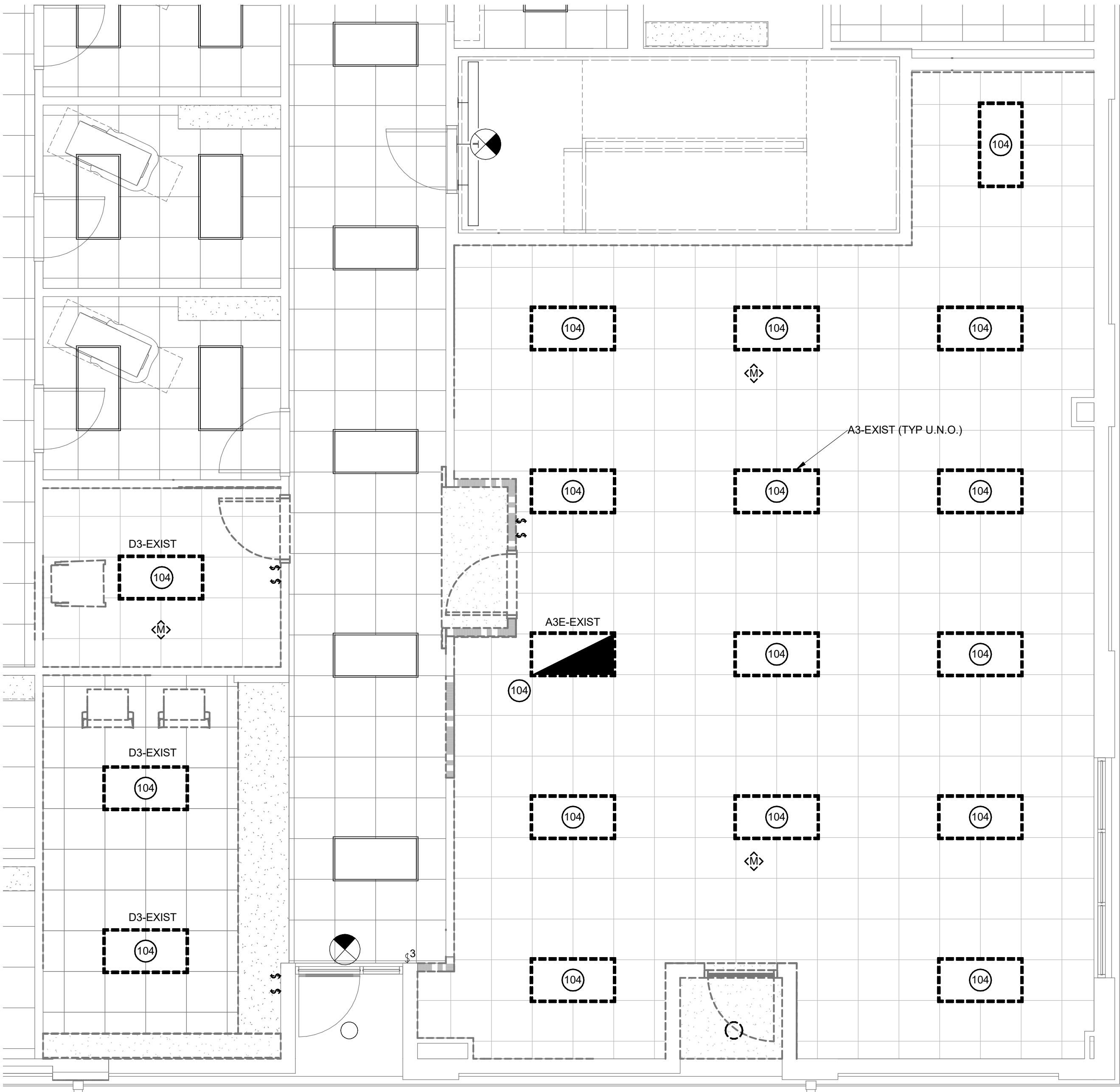
C:\Reit Projects 2017\182601_17_SECHW Renovation_MEP_Central_andersona@oconnellrobertson.com.rvt 02/27/2018 12:52:37 PM © 2018 O'CONNELL ROBERTSON, INC.



1 LIGHTING DEMOLITION PLAN - BLACKSTOCK CLINIC
SCALE: 1/4" = 1'-0"



2 LIGHTING DEMOLITION PLAN - GROUP VISIT ROOMS
SCALE: 1/4" = 1'-0"

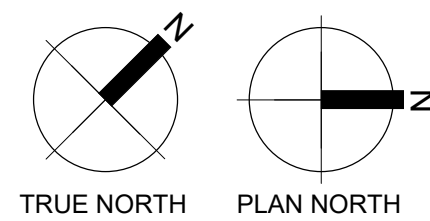


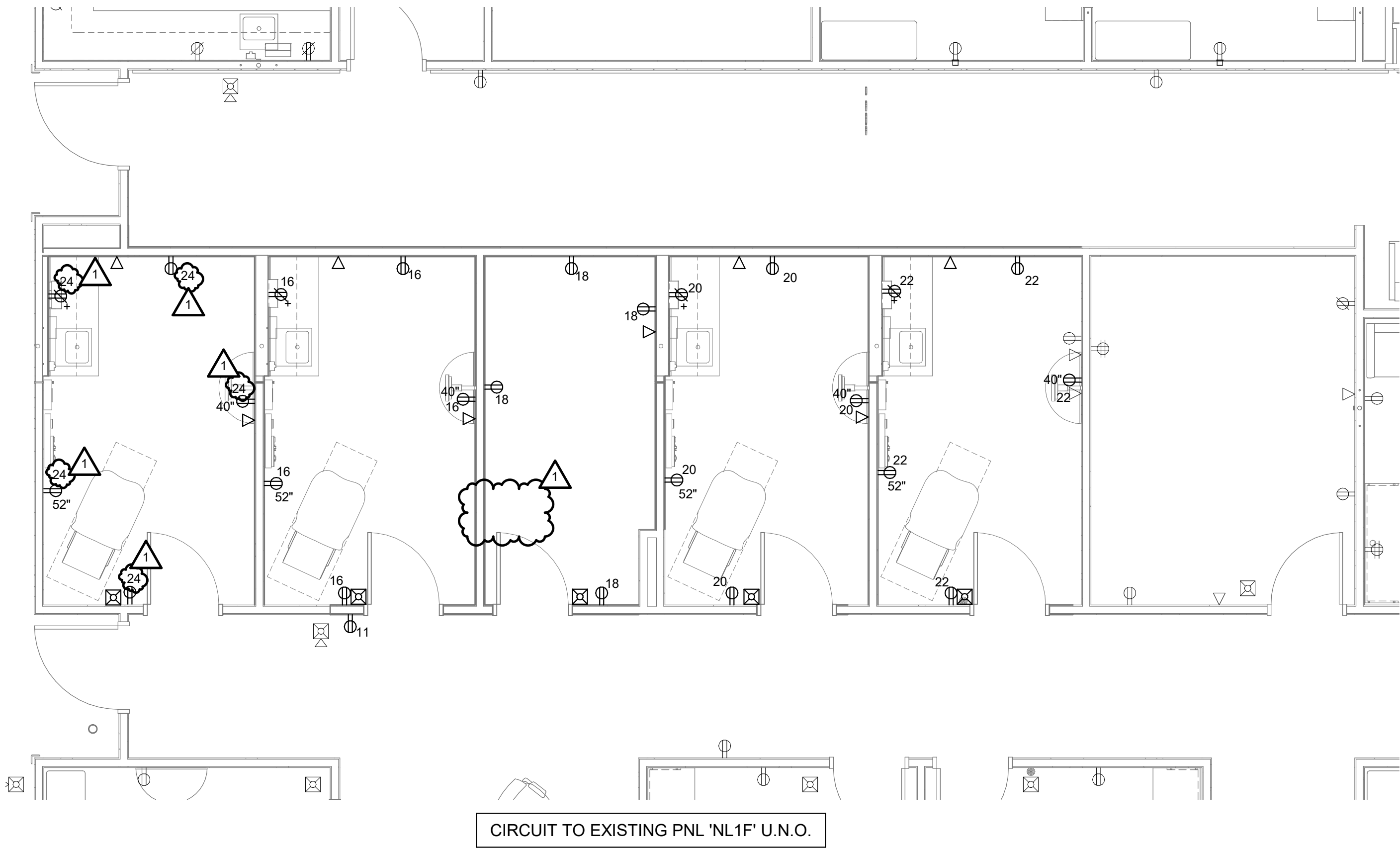
3 LIGHTING DEMOLITION PLAN - CONVENIENT CARE CLINIC
SCALE: 1/4" = 1'-0"

RETAIN EXISTING LIGHTING
CIRCUITS AND CONTACTORS
(AS APPLICABLE) FOR RE-USE

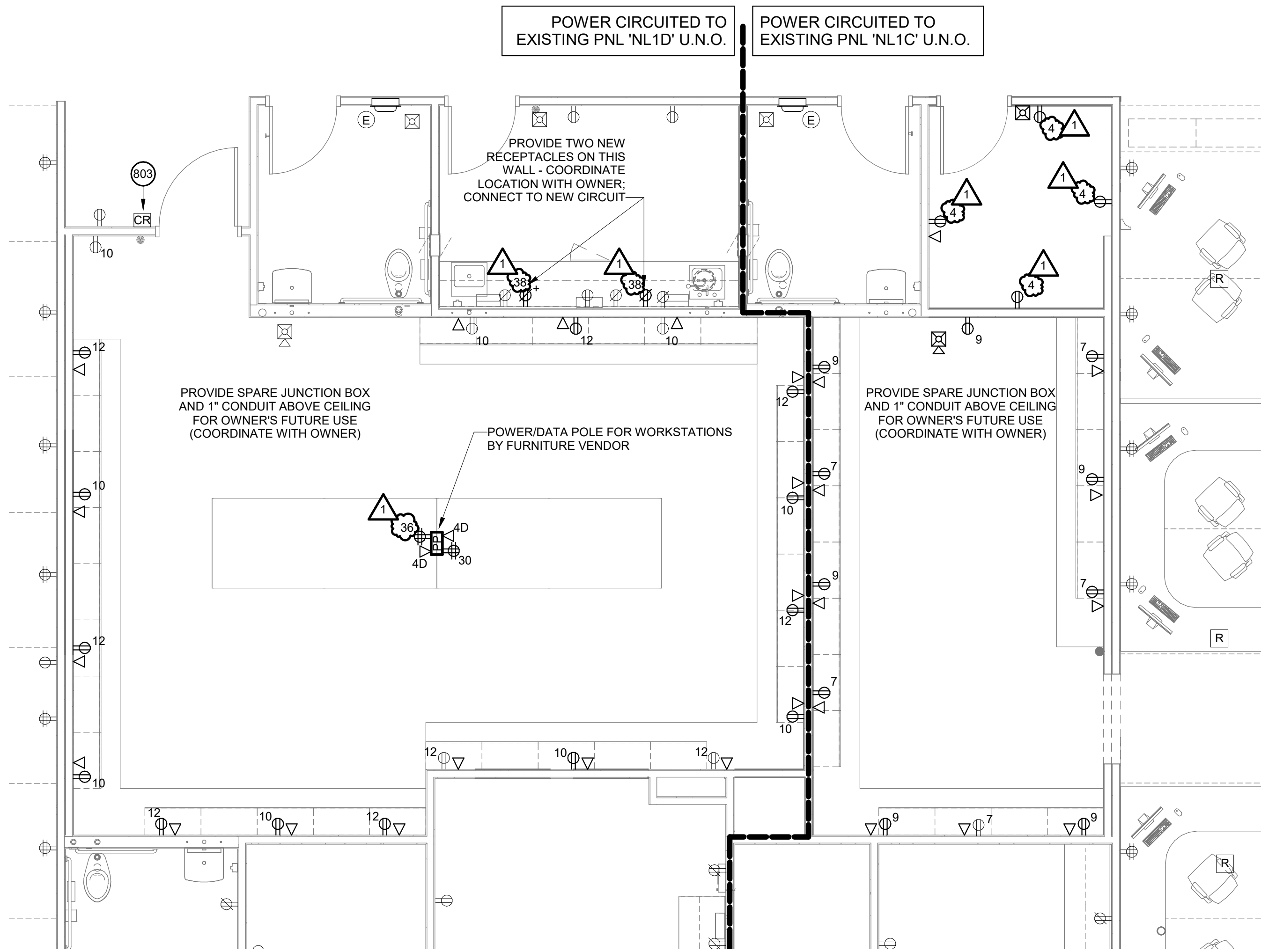
- ### GENERAL NOTES
1. REFER TO SHEET E1.1 FOR GENERAL ELECTRICAL NOTES THAT SHALL APPLY TO ALL SHEETS IN THIS SET UNLESS NOTED OTHERWISE IN THE KEYED NOTES.
 2. EXISTING ELECTRICAL WORK & LOCATIONS ARE TAKEN FROM AVAILABLE RECORD DOCUMENTS & SITE OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

- ### KEYNOTE LEGEND
- 104 REMOVE AND RETAIN LIGHT FIXTURES FOR RE-USE.
- 105 REMOVE LIGHT FIXTURES AND TURN OVER TO OWNER FOR ATTIC STOCK.





1 POWER & SPECIAL SYSTEMS PLANS - BLACKSTOCK CLINIC
SCALE: 1/4" = 1'-0"

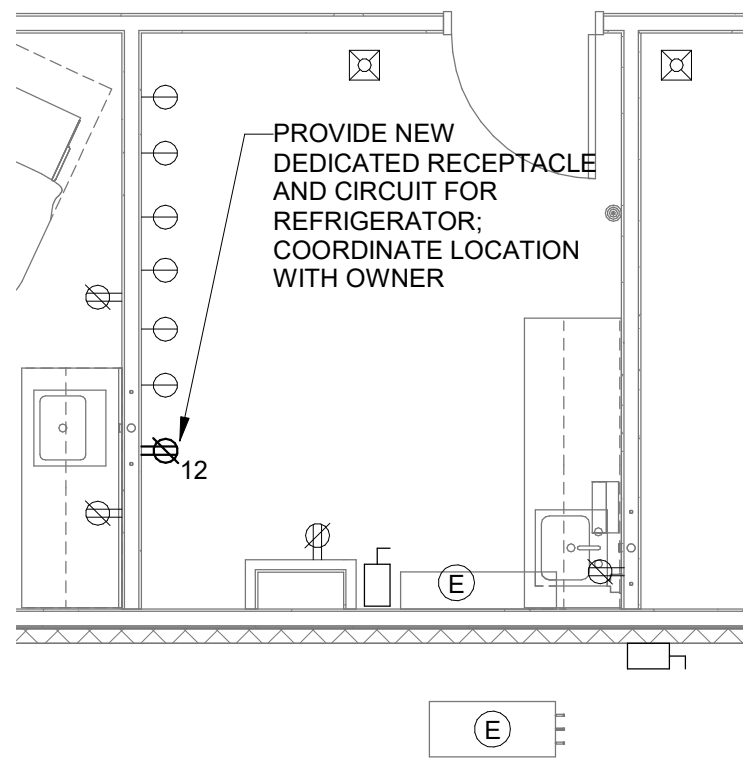


2 POWER & SPECIAL SYSTEMS PLANS - GROUP VISIT ROOMS
SCALE: 1/4" = 1'-0"

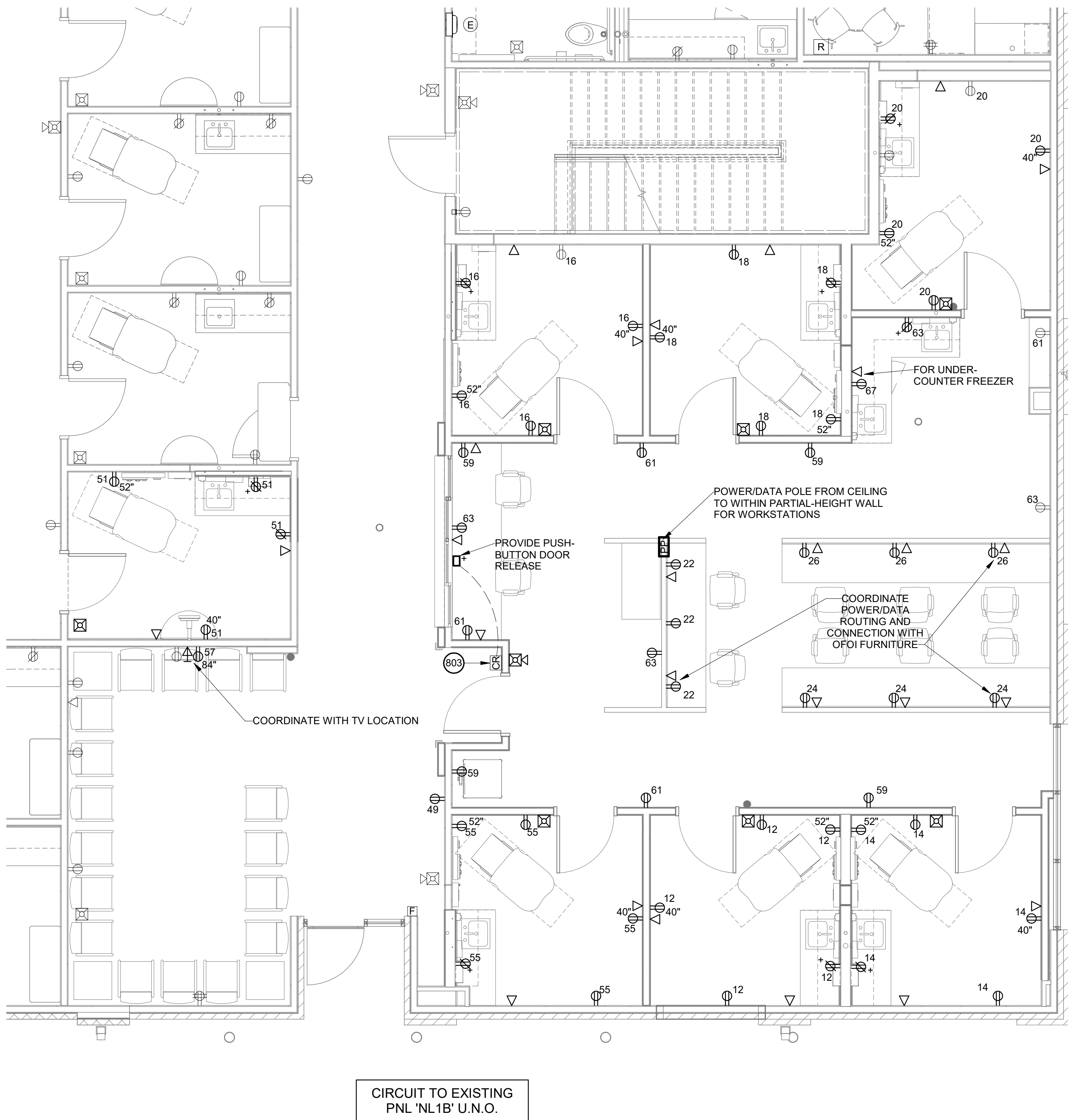
CIRCUIT NUMBERS SHOWN BASED ON RECORD DOCUMENTS - CONTRACTOR SHALL VERIFY CIRCUIT NUMBERS WITH EXISTING PANEL DIRECTORIES. USE SPARE BREAKER CIRCUITS WHERE AVAILABLE. PROVIDE NEW 20/1 BREAKERS AS NECESSARY.

ALL NEW RECEPTACLES SHALL BE TAMPER-RESISTANT PER NEC 2017 REQUIREMENTS.

ALL BRANCH CIRCUITS TO EXAM ROOMS AND OTHER PATIENT CARE AREAS SHALL BE PROVIDED WITH METAL RACEWAY SYSTEM OR HEALTHCARE RATED FLEX CONDUIT (HCF) PER NEC 2017 SECTION 517.13.



4 POWER & SPECIAL SYSTEMS PLANS - IMMUNIZATION
SCALE: 1/4" = 1'-0"



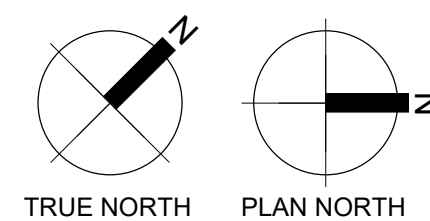
3 POWER & SPECIAL SYSTEMS PLANS - CONVENIENT CARE CLINIC
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET E1.1 FOR GENERAL ELECTRICAL NOTES THAT SHALL APPLY TO ALL SHEETS IN THIS SET UNLESS NOTED OTHERWISE IN THE KEYED NOTES.
2. THIS SHEET GENERALLY DEPICTS EQUIPMENT AND DEVICES FOR FLOOR LEVEL TO APPROXIMATELY 48" AFF. SEE LIGHTING/CEILING SHEETS FOR ADDITIONAL DEVICES MOUNTED ABOVE THIS LEVEL.

KEYNOTE LEGEND

- 803 RE-INSTALL SALVAGED CARD READER AND TIE TO EXISTING NEARBY SECURITY PANEL. INSTALLATION AND LABELING SHALL MATCH EXISTING INSTALLATIONS IN BUILDING.



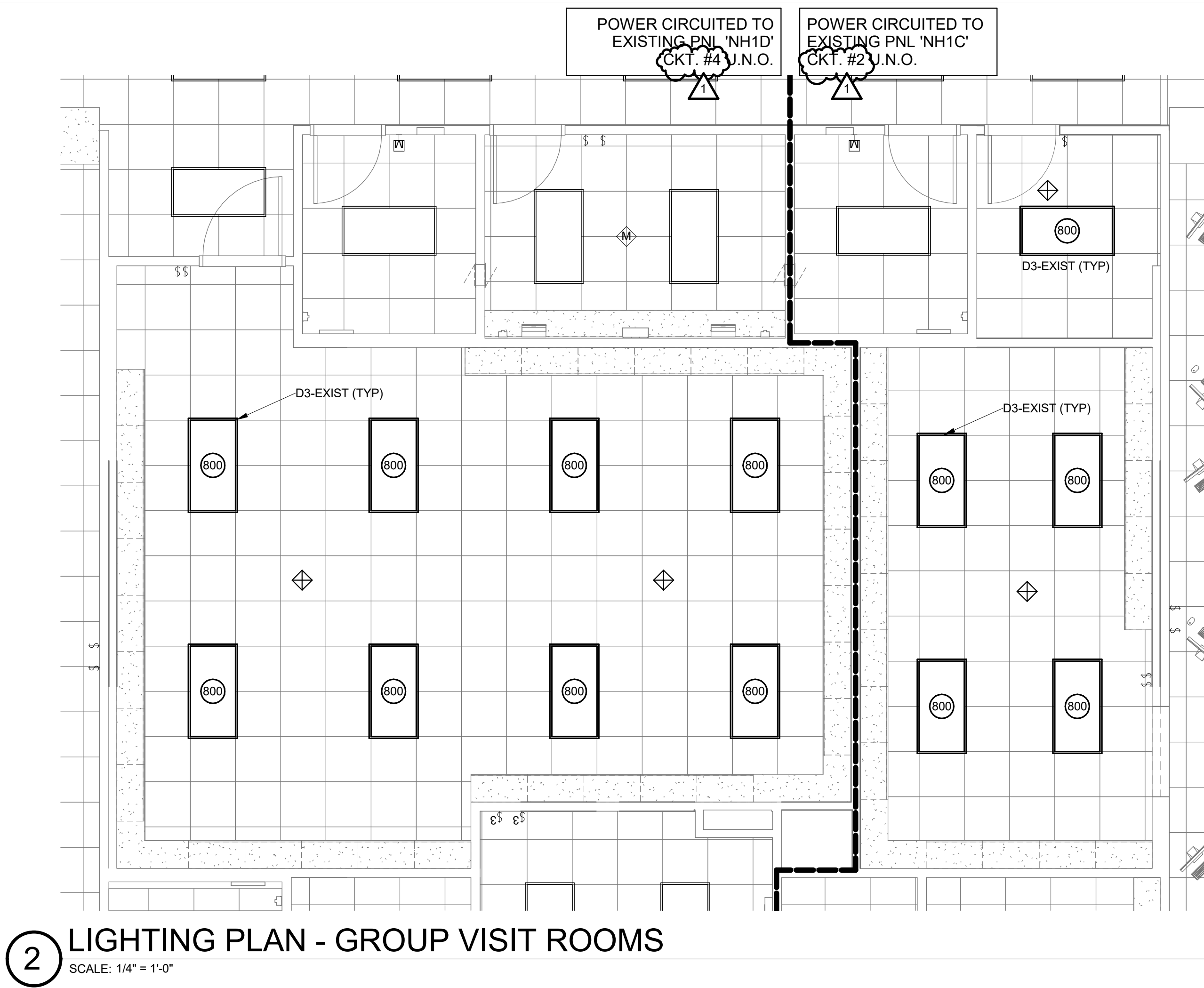
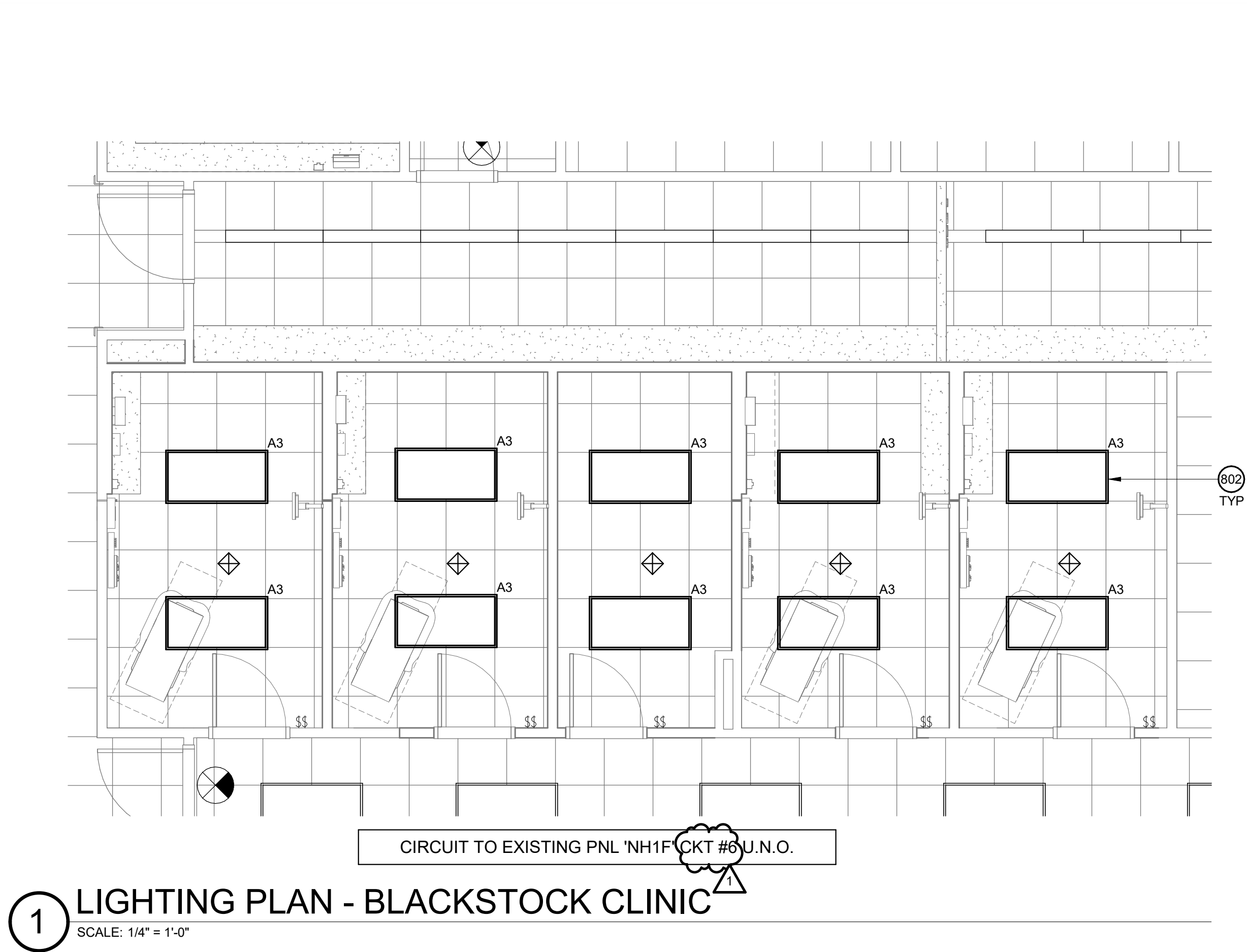
Engineering Firm: O'CONNELL ROBERTSON Firm Registration No. F-2708		
NO.	DESCRIPTION	DATE
1	ADDENDUM 1	09/28/18

08/31/18
Project No. 1826.01
CONTRACT DOCUMENTS

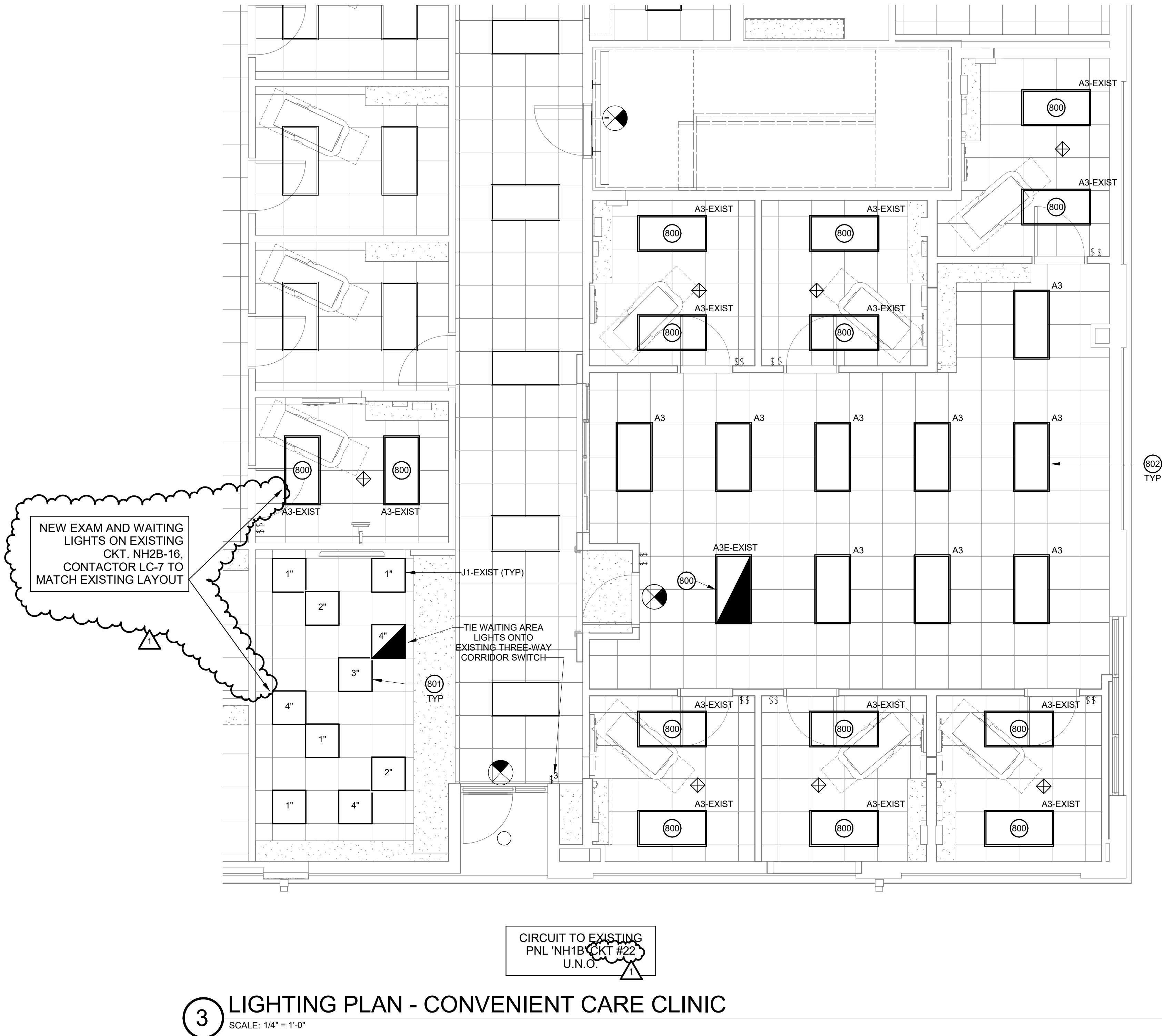
POWER & SPECIAL
SYSTEMS PLANS

E3.1

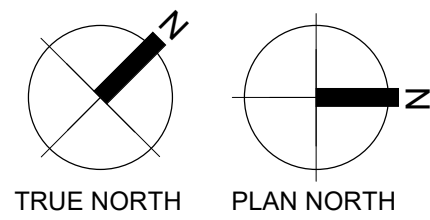
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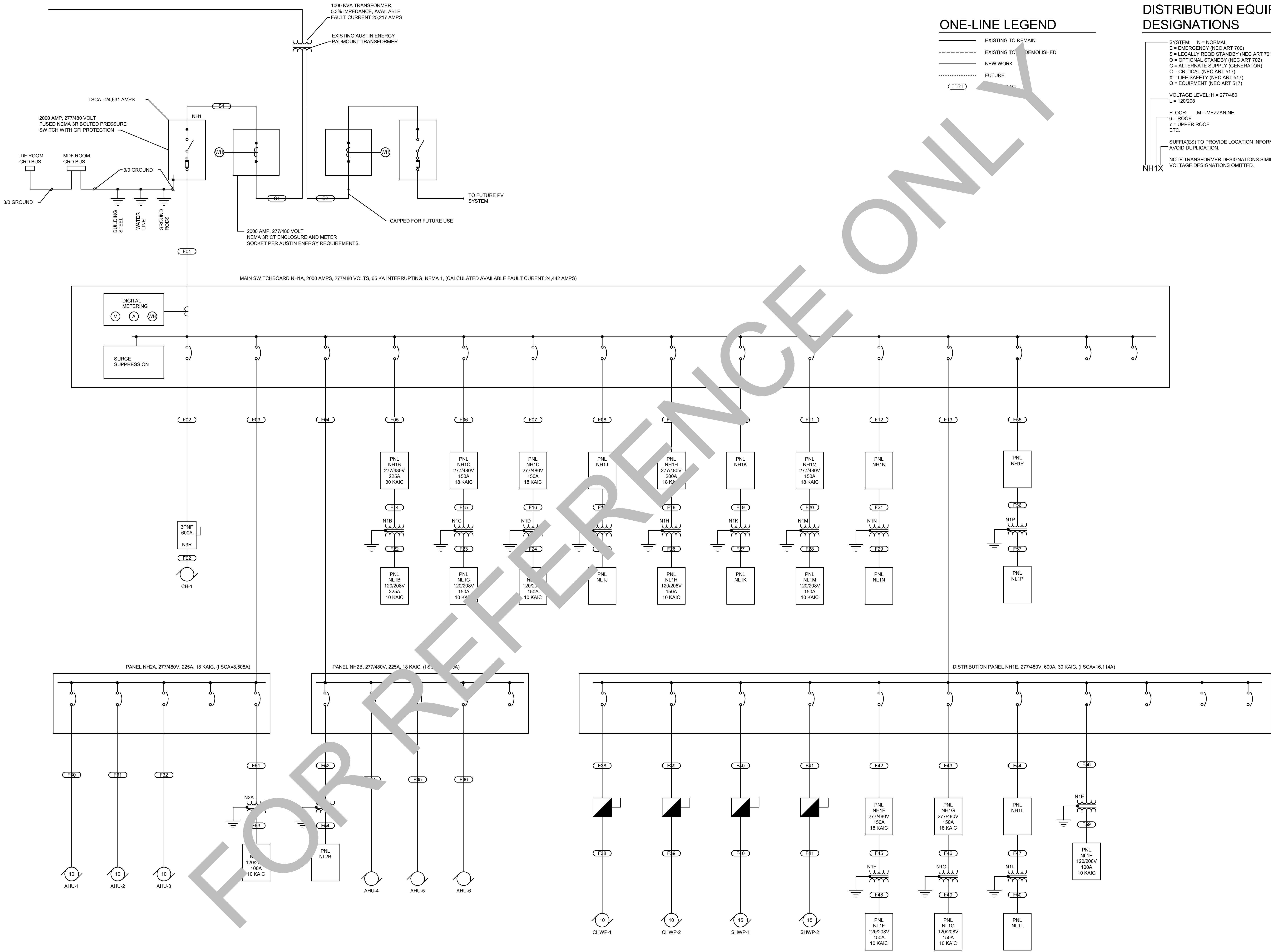


PROVIDE LIGHTING CONTROLS DEVICES AS NECESSARY TO CONNECT TO EXISTING LIGHTING CONTROLS SYSTEMS



- ### GENERAL NOTES
- REFER TO SHEET E1.1 FOR GENERAL ELECTRICAL NOTES THAT SHALL APPLY TO ALL SHEETS IN THIS SET UNLESS NOTED OTHERWISE IN THE KEYED NOTES.
 - THIS SHEET GENERALLY DEPICTS EQUIPMENT AND DEVICES FOR FLOOR LEVEL TO APPROXIMATELY 48" AFF. SEE LIGHTING/CEILING SHEETS FOR ADDITIONAL DEVICES MOUNTED ABOVE THIS LEVEL.
- ### KEYNOTE LEGEND
- 800 REINSTALL SALVAGED LIGHT FIXTURE AND RECONNECT TO EXISTING LIGHTING CIRCUIT AND (IF APPLICABLE) CONTACTOR.
- 801 REINSTALL SALVAGED LIGHT FIXTURES FROM DEMOLISHED WAITING AREA (REF. 1B2.2). PROVIDE PATTERN AS SHOWN. PROTRUSION DOWN FROM CEILING PER FIXTURE INDICATED (E.G. 2").
- 802 PROVIDE NEW TYPE 'A3' LED LIGHTING FIXTURE EQUAL TO LITHONIA MODEL 2GTL-4-60L-A12125-EZ1-LP835 SERIES TO MATCH APPEARANCE OF EXISTING ACRYLIC TROFFER FLUORESCENT FIXTURES THROUGHOUT BUILDING AS CLOSELY AS POSSIBLE. FIXTURE SHALL SUPPORT 277V.



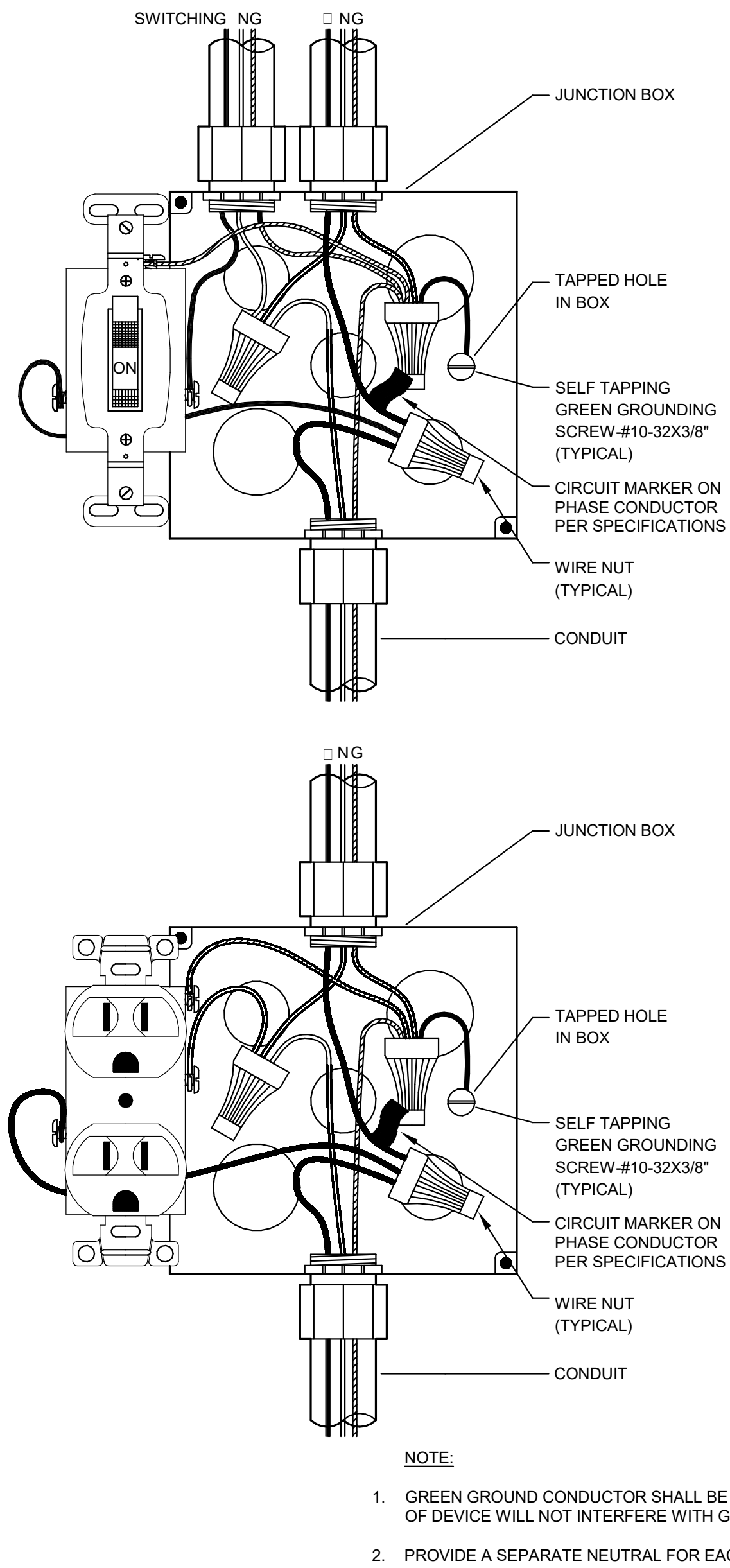


ONE-LINE LEGEND

- EXISTING TO REMAIN
- EXISTING TO DEMOLISHED
- NEW WORK
- FUTURE

DISTRIBUTION EQUIPMENT DESIGNATIONS

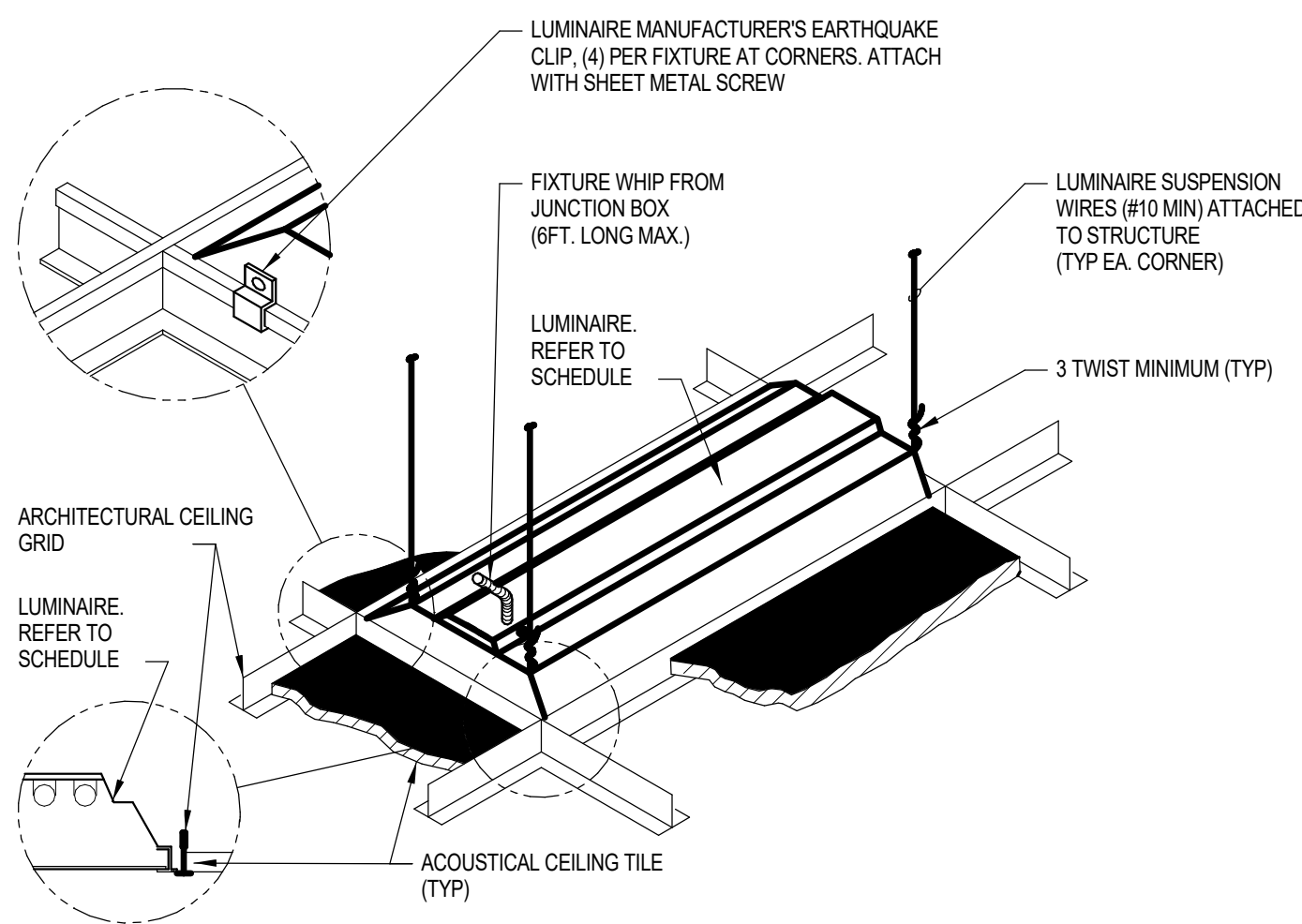
- SYSTEM: N = NORMAL
- E = EMERGENCY (NEC ART 700)
- S = LEGALLY REQD STANDBY (NEC ART 701)
- O = OPTIONAL STANDBY (NEC ART 702)
- G = ALTERNATE SUPPLY (GENERATOR)
- C = CRITICAL (NEC ART 517)
- X = LIFE SAFETY (NEC ART 517)
- Q = EQUIPMENT (NEC ART 517)
- VOLTAGE LEVEL: H = 277/480
- L = 120/208
- FLOOR: M = MEZZANINE
- 6 = ROOF
- 7 = UPPER ROOF
- ETC.
- SUFFIX(ES) TO PROVIDE LOCATION INFORMATION OR TO AVOID DUPLICATION.
- NOTE: TRANSFORMER DESIGNATIONS SIMILAR EXCEPT "H7/L" VOLTAGE DESIGNATIONS OMITTED.



- NOTE:
- GREEN GROUND CONDUCTOR SHALL BE CONTINUOUS SO THAT REMOVAL OF DEVICE WILL NOT INTERFERE WITH GROUND CONTINUITY.
 - PROVIDE A SEPARATE NEUTRAL FOR EACH CIRCUIT.

1 RECEPTACLE AND SWITCH WIRING DETAIL

NOT TO SCALE



2 LUMINAIRE MOUNTING LAY-IN CEILING DETAIL

SCALE: NONE

ELECTRICAL LOAD ANALYSIS - PANEL NH1B	
CONNECTED LOAD	
EXISTING LOAD REMOVED FROM NH1B LIGHTS	0.9 kVA
NEW LOADS ADDED TO NH1B LIGHTS (DEMAND FACTOR = 100%)	1.3 kVA
NET LOAD	0.3 kVA
480/277V/3PH/4W	0.4 A
EXISTING DESIGN MAX LOAD NH1B (NOTE 1)	49.9 kVA
NEW LOADS ADDED TO NH1B LIGHTS	0.3 kVA
NET LOAD	50.2 kVA
480/277V/3PH/4W	139.5 A
THE EXISTING 225-AMP FEEDER TO PANEL NH1B REMAINS ADEQUATE FOR THE REVISED LOAD.	

- NOTES
- FROM RECORD DOCUMENTS + 25%

ELECTRICAL LOAD ANALYSIS - PANEL NL1F	
CONNECTED LOAD	
EXISTING LOAD REMOVED FROM NL1F RECEPTACLES	2.2 kVA
NEW LOADS ADDED TO NL1F RECEPTACLES (DEMAND FACTOR UP TO 10 KVA = 100%)	4.3 kVA
NET LOAD	2.2 kVA
208/120V/3PH/4W	6.0 A
EXISTING DESIGN MAX LOAD NL1F (NOTE 1)	27.0 kVA
NEW LOADS ADDED TO NL1F RECEPTACLES	2.2 kVA
NET LOAD	29.2 kVA
208/120V/3PH/4W	81.0 A
THE EXISTING 150-AMP FEEDER TO PANEL NL1B REMAINS ADEQUATE FOR THE REVISED LOAD.	

- NOTES
- FROM RECORD DOCUMENTS + 25%

ELECTRICAL LOAD ANALYSIS - PANEL NH1D	
CONNECTED LOAD	
EXISTING LOAD REMOVED FROM NH1D LIGHTING	0.3 kVA
NEW LOADS ADDED TO NH1D LIGHTING (DEMAND FACTOR = 100%)	0.5 kVA
NET LOAD	0.3 kVA
480/277V/3PH/4W	0.3 A
EXISTING DESIGN MAX LOAD NH1D (NOTE 1)	36.1 kVA
NEW LOADS ADDED TO NH1D RECEPTACLES	0.3 kVA
NET LOAD	36.4 kVA
480/277V/3PH/4W	101.1 A
THE EXISTING 150-AMP FEEDER TO PANEL NH1D REMAINS ADEQUATE FOR THE REVISED LOAD.	

- NOTES
- FROM RECORD DOCUMENTS + 25%

ELECTRICAL LOAD ANALYSIS - PANEL NL1B	
CONNECTED LOAD	
EXISTING LOAD REMOVED FROM NL1B RECEPTACLES	3.8 kVA
NEW LOADS ADDED TO NL1B RECEPTACLES (DEMAND FACTOR UP TO 10 KVA = 100%)	4.9 kVA
NET LOAD	1.1 kVA
208/120V/3PH/4W	3.1 A
EXISTING DESIGN MAX LOAD NL1B (NOTE 1)	33.1 kVA
NEW LOADS ADDED TO NL1B RECEPTACLES	1.1 kVA
NET LOAD	34.2 kVA
208/120V/3PH/4W	95.1 A
THE EXISTING 225-AMP FEEDER TO PANEL NL1B REMAINS ADEQUATE FOR THE REVISED LOAD.	

- NOTES
- FROM RECORD DOCUMENTS + 25%

ELECTRICAL LOAD ANALYSIS - PANEL NL1C	
CONNECTED LOAD	
EXISTING LOAD REMOVED FROM NL1C RECEPTACLES	1.4 kVA
NEW LOADS ADDED TO NL1C RECEPTACLES (DEMAND FACTOR UP TO 10 KVA = 100%)	2.7 kVA
NET LOAD	1.3 kVA
208/120V/3PH/4W	3.5 A
EXISTING DESIGN MAX LOAD NL1C (NOTE 1)	21.6 kVA
NEW LOADS ADDED TO NL1C RECEPTACLES	1.3 kVA
NET LOAD	22.9 kVA
208/120V/3PH/4W	63.6 A
THE EXISTING 150-AMP FEEDER TO PANEL NL1C REMAINS ADEQUATE FOR THE REVISED LOAD.	

- NOTES
- FROM RECORD DOCUMENTS + 25%

ELECTRICAL LOAD ANALYSIS - PANEL NH1F	
CONNECTED LOAD	
EXISTING LOAD REMOVED FROM NH1F LIGHTING	0.8 kVA
NEW LOADS ADDED TO NH1F LIGHTING (DEMAND FACTOR = 100%)	0.5 kVA
NET LOAD	-0.3 kVA
480/277V/3PH/4W	-0.4 A
LIGHTING AND RECEPTACLE LOADS REMAIN RELATIVELY UNCHANGED AS PART OF THIS RENOVATION. THERE IS AN OVERALL NET REDUCTION IN CONNECTED ELECTRICAL LOAD FOR THIS DISTRIBUTION PANEL AND DOWNSTREAM PANELS.	

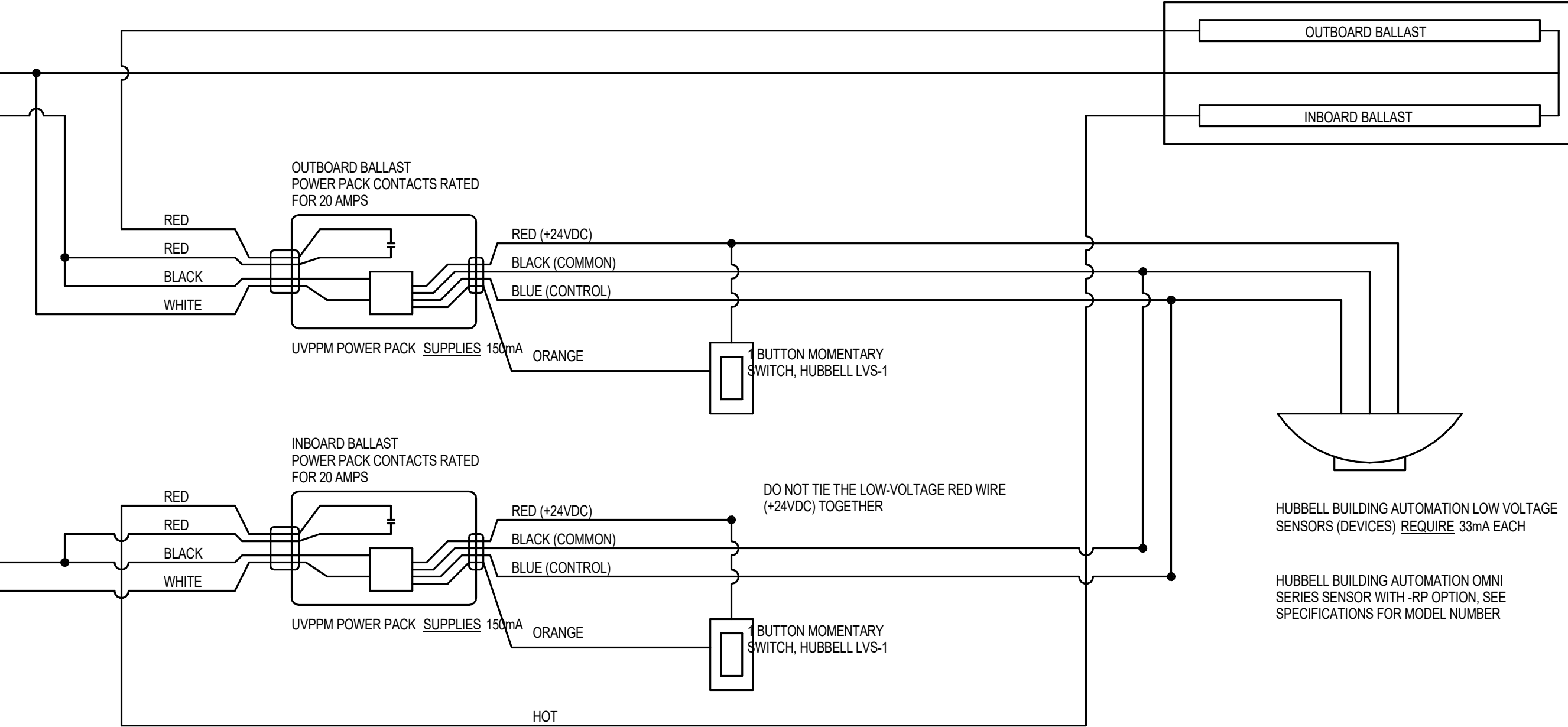
ELECTRICAL LOAD ANALYSIS - PANEL NL1D	
CONNECTED LOAD	
EXISTING LOAD REMOVED FROM NL1D RECEPTACLES	1.1 kVA
NEW LOADS ADDED TO NL1D RECEPTACLES (DEMAND FACTOR UP TO 10 KVA = 100%)	4.0 kVA
NET LOAD	2.9 kVA
208/120V/3PH/4W	8.0 A
EXISTING DESIGN MAX LOAD NL1D (NOTE 1)	33.1 kVA
NEW LOADS ADDED TO NL1D RECEPTACLES	2.9 kVA
NET LOAD	36.0 kVA
208/120V/3PH/4W	100.1 A
THE EXISTING 150-AMP FEEDER TO PANEL NL1B REMAINS ADEQUATE FOR THE REVISED LOAD.	

- NOTES
- FROM RECORD DOCUMENTS + 25%

ELECTRICAL LOAD ANALYSIS - PANEL NH1C	
CONNECTED LOAD	
EXISTING LOAD REMOVED FROM NH1C LIGHTS	0.4 kVA
NEW LOADS ADDED TO NH1C LIGHTS (DEMAND FACTOR = 100%)	0.3 kVA
NET LOAD	-0.1 kVA
480/277V/3PH/4W	-0.1 A
LIGHTING AND RECEPTACLE LOADS REMAIN RELATIVELY UNCHANGED AS PART OF THIS RENOVATION. THERE IS AN OVERALL NET REDUCTION IN CONNECTED ELECTRICAL LOAD FOR THIS DISTRIBUTION PANEL AND DOWNSTREAM PANELS.	

ELECTRICAL LOAD ANALYSIS - PANEL NL1K	
CONNECTED LOAD	
EXISTING LOAD REMOVED FROM NL1K RECEPTACLES	0.0 kVA
NEW LOADS ADDED TO NL1K RECEPTACLES (DEMAND FACTOR UP TO 10 KVA = 100%)	0.2 kVA
NET LOAD	0.2 kVA
208/120V/3PH/4W	0.5 A
EXISTING DESIGN MAX LOAD NL1K (NOTE 1)	28.5 kVA
NEW LOADS ADDED TO NL1K RECEPTACLES	0.2 kVA
NET LOAD	28.7 kVA
208/120V/3PH/4W	79.8 A
THE EXISTING 150-AMP FEEDER TO PANEL NL1K REMAINS ADEQUATE FOR THE REVISED LOAD.	

- NOTES
- FROM RECORD DOCUMENTS + 25%



3 TYPICAL LIGHTING VACANCY CONTROLS

NOT TO SCALE

- GENERAL NOTES:
- DETAIL DENOTES HUBBELL PART NUMBERS, EQUIVALENT SYSTEM UTILIZING APPROVED EQUAL PARTS FROM OTHER SUPPLIERS IS ACCEPTABLE.
 - DRAWING DENOTES LAYOUT WITH SINGLE SENSOR, FOR LARGER ROOMS WITH MULTIPLE SENSORS MODIFY DRAWING PER MANUFACTURERS REQUIREMENTS.



O'CONNELL ROBERTSON

Austin: 811 Barton Springs Road, Suite 600, Austin, Texas 78704 P: 512.478.7384 F: 512.478.7441
San Antonio: 4040 Broadway, Suite 300, San Antonio, Texas 78209 P: 210.224.6032 F: 210.224.4453

CENTRAL HEALTH
SE HEALTH & WELLNESS CENTER RENOVATIONS
2901 MONTPOLES DR., AUSTIN, TX 78741



Engineering Firm:
O'CONNELL ROBERTSON
Firm Registration No. F-2708
Revisions:
NO. DESCRIPTION DATE
1 ADDENDUM 1 09/28/18

Project No. 1826.01
CONTRACT DOCUMENTS

ELECTRICAL SCHEDULES
& DETAILS

E7.1

[illegible]

BC PWR.	120/208 V	3PH 4W	150 A	MGB	10 KAIC	60 GKT	NEMA 1	FLUSH MTD.	NEMA 1	1 SECT
NL1C	LOCATION:				FED FROM:	NH1C				
GKT NO.	LOAD DESCRIPTION	LOAD TYPE	BREAKER TRIP / POLES			CIRCUIT SIZING			NOTES	PH
1	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				A
3	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				B
5	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				C
7	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				A
9	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				B
11	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				C
13	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				A
15	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				B
17	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				C
19	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				A
21	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				B
23	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				C
25	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				A
27	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				B
29	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				C
31	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				A
33	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				B
35	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				C
37	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				A
39	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				B
41	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				C
43	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				A
45	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				B
47	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				C
49	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				A
51	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				B
53	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				C
55	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				A
57	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				B
59	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				C
2	HAND DRYER	OTH	20 / 1			1#12, #12N, #12G, 3/4"C				A
4	RECEPTACLES	REC	20 / 1			1#12, #12N, #12G, 3/4"C				B
6	SPACE ONLY									C
8	SPACE ONLY									A
10	SPACE ONLY									B
12	SPACE ONLY									C
14	SPACE ONLY									A
16	SPACE ONLY									B
18	SPACE ONLY									C
20	SPACE ONLY									A
22	SPACE ONLY									B
24	SPACE ONLY									C
26	SPACE ONLY									A
28	SPACE ONLY									B
30	SPACE ONLY									C
32	SPACE ONLY									A
34	SPACE ONLY									B
36	SPACE ONLY									C
38	SPACE ONLY									A
40	SPACE ONLY									B
42	SPACE ONLY									C

ICP PERM:		277/480 V	3PH WY	150 A	MLO	18 KAIC	FED FROM:	30 CKT	NH1A	NEMA 1	FLUSH MTD	NEMA 1	1 SECT	
NHIC		LOCATION:												
CKT NO.	LOAD DESCRIPTION	LOAD TYPE	BREAKER TRIP / POLES	CIRCUIT SIZING									NOTES	PH
1	XFMR N1C / PANEL NL1C	FDR	70 / 3	#4, #6S, 1"O										A
3														B
5														C
7	SPACE ONLY													A
9	SPACE ONLY													B
11	SPACE ONLY													C
13	SPACE ONLY													A
15	SPACE ONLY													B
17	SPACE ONLY													C
19	SPACE ONLY													A
21	SPACE ONLY													B
23	SPACE ONLY													C
25	SPACE ONLY													A
27	SPACE ONLY													B
29	SPACE ONLY													C
2	LIGHTING	LTG	20 / 1	1#12, #12N, #12G, 3/4"C										A
4	LIGHTING	LTG	20 / 1	1#12, #12N, #12G, 3/4"C										B
6	SPARE		20 / 1											C
8	SPARE		20 / 1											A
10	SPARE		20 / 1											B
12	SPARE		20 / 1											C
14	SPACE ONLY													A
16	SPACE ONLY													B
18	SPACE ONLY													C
20	SPACE ONLY													A
22	SPACE ONLY													B
24	SPACE ONLY													C
26	SPACE ONLY													A
28	SPACE ONLY													B
30	SPACE ONLY													C

60 C/P	120/208 V	3PH 4W	150 A	MCB	10 KAIC	60 C/P	NEMA 1	FLUSH MTD	NEMA 1	1 SECT
PLD	LOCATION				FED/FM	NHD				
CKT NO.	LOAD DESCRIPTION	LOAD TYPE	BREAKER TRIP / POLES	CIRCUIT SIZING						PH
1	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
2	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
3	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
4	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
5	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
6	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
7	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
8	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
9	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
10	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
11	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
12	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
13	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
14	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
15	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
16	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
17	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
18	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
19	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
20	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
21	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
22	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
23	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
24	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
25	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
26	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
27	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
28	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
29	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
30	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
31	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
32	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
33	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
34	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
35	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
36	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
37	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
38	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
39	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
40	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
41	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
42	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
43	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
44	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
45	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
46	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
47	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
48	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
49	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
50	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
51	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
52	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
53	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
54	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
55	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
56	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
57	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
58	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
59	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
60	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
61	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
62	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
63	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
64	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
65	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
66	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
67	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
68	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
69	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
70	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
71	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
72	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
73	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
74	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
75	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
76	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
77	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B
78	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						C
79	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						A
80	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C						B

[illegible]

BS PNL	277/480 V	3PH 4W	150 A	MLO	18 KAIC	30 CKT	NEMA 1	FLUSH MTD	NEMA 1	1 SECT
CKT NO.	LOCATION				FED FROM:	NH1A				
LOAD DESCRIPTION		LOAD TYPE	BREAKER TRIP / POLES					CIRCUIT SCHED.		NOTES
1	XFMR NTD / PANEL NL1D	FDR	70 / 3			3#4, #6G, 1" C				
3										A
5										B
7										C
9	SPACE ONLY									A
11	SPACE ONLY									B
13	SPACE ONLY									C
15	SPACE ONLY									A
17	SPACE ONLY									B
19	SPACE ONLY									C
21	SPACE ONLY									A
23	SPACE ONLY									B
25	SPACE ONLY									C
27	SPACE ONLY									A
29	SPACE ONLY									B
31										C
33										A
35										B
37										C
39										A
41										B
43										C
45										A
47										B
49										C
51										A
53										B
55										C
57										A
59										B
61										C
63										A
65										B
67										C
69										A
71										B
73										C
75										A
77										B
79										C
81										A
83										B
85										C
87										A
89										B
91										C
93										A
95										B
97										C
99										A
101										B
103										C
105										A
107										B
109										C
111										A
113										B
115										C
117										A
119										B
121										C
123										A
125										B
127										C
129										A
131										B
133										C
135										A
137										B
139										C
141										A

BC P#	120/208 V	3PH 4W	225 A	MCB	10 KAIC	84 KCT	NEMA 1	SURF MTD	NEMA 1	2 SECT
N/LIB	LOCATION				FED FROM:	NH/B				
CKT NO	LOAD DESCRIPTION	LOAD TYPE	BREAKER TRIP POLES				GIRCUIT SIZING			NOTES
1	INTERIOR LIGHTING CONTROL	OTH	15 / 1				1#12, #12N, #12G, 3/4"C			
3	EXTERIOR LIGHTING CONTROL	OTH	15 / 1				1#12, #12N, #12G, 3/4"C			
5	CU-2	A/C	40 / 2				2#8, #10G, 3/4"C			
7										
9	CU-3	A/C	16 / 2				2#12, #12G, 3/4"C			
11										
13	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
15	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
17	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
19	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
21	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
23	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
25	ACCESS CONTROL	OTH	20 / 1				1#12, #12N, #12G, 3/4"C			
27	MAIN COMM ROOM UPS	REC	30 / 2				2#10, #10N, #10G, 3/4"C			
29										
31	MAIN COMM ROOM UPS	REC	30 / 2				2#10, #10N, #10G, 3/4"C			
33										
35	MAIN COMM ROOM UPS	REC	30 / 2				2#10, #10N, #10G, 3/4"C			
37										
39	TRAP PRIMER	OTH	15 / 1				1#12, #12N, #12G, 3/4"C			
41	LOBBY PENDANT LIGHTING	LIG	20 / 1				1#12, #12N, #12G, 3/4"C			
43	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
45	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
47	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
49	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
51	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
53	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
55	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
57	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
59	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
61	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
63	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
65	SPARE		20 / 1							
67	SPARE		20 / 1							
69	SPARE		20 / 1							
71	SPARE		20 / 1							
73	SPARE		20 / 1							
75	SPARE		20 / 1							
77	SPARE		20 / 1							
79	SPARE		20 / 1							
81	SPARE		20 / 1							
83	SPARE		20 / 1							
2	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
4	FIRE ALARM CONTROL PANEL	OTH	20 / 1				1#12, #12N, #12G, 3/4"C			
6	CU-6	A/C	15 / 2				2#12, #12G, 3/4"C			
8										
10	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
12	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
14	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
16	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
18	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
20	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
22	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
24	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
26	RECEPTACLES	REC	20 / 1				1#12, #12N, #12G, 3/4"C			
28	SPACE ONLY									
30	SPACE ONLY									
32	SPACE ONLY									
34	SPACE ONLY									
36	SPACE ONLY									
38	SPACE ONLY									
40	SPACE ONLY									
42	SPACE ONLY									
44	SPACE ONLY									
46	SPACE ONLY									
48	SPACE ONLY									
50	SPACE ONLY									
52	SPACE ONLY									
54	SPACE ONLY									
56	SPACE ONLY									
58	SPACE ONLY									
60	SPACE ONLY									
62	SPACE ONLY									
64	SPACE ONLY									
66	SPACE ONLY									
68	SPACE ONLY									
70	SPACE ONLY									
72	SPACE ONLY									
74	SPACE ONLY									
76	SPACE ONLY									
78	SPACE ONLY									
80	SPACE ONLY									
82	SPACE ONLY									
84	SPACE ONLY									

PANEL SCHEDULES SHOWN BASED ON
EXISTING RECORD DOCUMENT INFORMATION.
CIRCUITS OUTSIDE OF HATCHED REGION ARE
NEW TO THIS PROJECT.

800V NL1F	120/208V LOCATION	3PH 4W	150 A	MCB	10 KAIC FED FROM	60 OKT NH1F	NEMA 1	FLUSH MTD	NEMA 1	1 SECT
OKT NO.	LOAD DESCRIPTION	LOAD TYPE	BREAKER TRIP / POLES	CIRCUIT SIZING		NOTES	PH			
1	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
3	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
5	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
7	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
9	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
11	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
13	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
15	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
17	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
19	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
21	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
23	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
25	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
27	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
29	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
31	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
33	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
35	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
37	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
39	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
41	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
43	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
45	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
47	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
49	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
51	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
53	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
55	COPPER	OTH	20 / 1	1#12, #12N, #12G, 3/4"C			A			
57	EXTERIOR RECEPTACLE	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
59	SPARE		20 / 1				C			
61	SPARE		20 / 1				A			
2	HAND DRYER	OTH	20 / 1	1#12, #12N, #12G, 3/4"C			A			
4	COMM ROOM UPS	REC	30 / 2	2#10, #10N, #10G, 3/4"C			B			
6							C			
8	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
10	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
12	CU-4	A/C	15 / 2	2#12, #12G, 3/4"C			C			
14							A			
16	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
18	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
20	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
22	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
24	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
26	SPARE		20 / 1				A			
28	SPARE		20 / 1				B			
30	SPARE		20 / 1				C			
32	SPACE ONLY						A			
34	SPACE ONLY						B			
36	SPACE ONLY						C			
38	SPACE ONLY						A			
40	SPACE ONLY						B			
42	SPACE ONLY						C			
44	SPACE ONLY						A			
46	SPACE ONLY						B			
48	SPACE ONLY						C			
50	SPACE ONLY						A			
52	SPACE ONLY						B			
54	SPACE ONLY						C			
56	SPACE ONLY						A			
58	SPACE ONLY						B			
60	SPACE ONLY						C			

NOTES:
1) PROVIDE WITH INTEGRAL SURGE SUPPRESSION

800V NL1K	120/208V LOCATION	3PH 4W	150 A	MCB	10 KAIC FED FROM	60 OKT NH1K	NEMA 1	FLUSH MTD	NEMA 1	1 SECT
OKT NO.	LOAD DESCRIPTION	LOAD TYPE	BREAKER TRIP / POLES	CIRCUIT SIZING		NOTES	PH			
1	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
3	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
5	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
7	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
9	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
11	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
13	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
15	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
17	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
19	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
21	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
23	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
25	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
27	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
29	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
31	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
33	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
35	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
37	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
39	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
41	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
43	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
45	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
47	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
49	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
51	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
53	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			C			
55	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			A			
57	RECEPTACLES	REC	20 / 1	1#12, #12N, #12G, 3/4"C			B			
59	SPARE		20 / 1				C			
2	HAND DRYER	OTH	20 / 1	1#12, #12N, #12G, 3/4"C			A			
4	REFRIGERATOR	OTH	20 / 1	1#12, #12N, #12G, 3/4"C			B			
6	REFRIGERATOR	OTH	20 / 1	1#12, #12N, #12G, 3/4"C			C			
8	REFRIGERATOR	OTH	20 / 1	1#12, #12N, #12G, 3/4"C			A			
10	TEMP ALARMS	OTH	20 / 1	1#12, #12N, #12G, 3/4"C			B			
12	REFRIGERATOR	OTH	20 / 1	1#12, #12N, #12G, 3/4"C			C			
14	SPARE		20 / 1				A			
16	SPARE		20 / 1				B			
18	SPARE		20 / 1				C			
20	SPARE		20 / 1				A			
22	SPARE		20 / 1				B			
24	SPARE		20 / 1				C			
26	SPARE		20 / 1				A			
28	SPACE ONLY						B			
30	SPACE ONLY						C			
32	SPACE ONLY						A			
34	SPACE ONLY						B			
36	SPACE ONLY						C			
38	SPACE ONLY						A			
40	SPACE ONLY						B			
42	SPACE ONLY						C			
44	SPACE ONLY						A			
46	SPACE ONLY						B			
48	SPACE ONLY						C			
50	SPACE ONLY						A			
52	SPACE ONLY						B			
54	SPACE ONLY						C			
56	SPACE ONLY						A			
58	CU-7	A/C	15 / 2				B			
60							C			

NOTES:
1) PROVIDE WITH INTEGRAL SURGE SUPPRESSION

800V NH2B	277/480 V LOCATION:	3PH 4W	225 A	MLO	18 KAIC	42 OKT	NEMA 1	SURF MTD	NEMA 1	1 SECT
OKT NO.	LOAD DESCRIPTION	LOAD TYPE	BREAKER TRIP / POLES	CIRCUIT SIZING						
1	AHU-4	MOT	30 / 3	3#10, #10G, 3/4"C						
3										A
5										B
7	AHU-5 (PHASE 2)	MOT	30 / 3	3#10, #10G, 3/4"C						C
9										A
11										B
13	AHU-6 (PHASE 2)	MOT	30 / 3	3#10, #10G, 3/4"C						C
15										A
17										B
19	SPACE ONLY									C
21	SPACE ONLY									A
23	SPACE ONLY									B
25	SPACE ONLY									C
27	SPACE ONLY									A
29	SPACE ONLY									B
31	SPACE ONLY									C
33	SPACE ONLY									A
35	SPACE ONLY									B
37	SPACE ONLY									C
39	SPACE ONLY									A
41	SPACE ONLY									B
2	XFMR N2B / PANEL NL2B	FDR	50 / 3	3#8, #10G, 3/4"C						C
4										A
6										B
8	LIGHTING	LTG	20 / 1	1#12, #12N, #12G, 3/4"C						C
10	LIGHTING	LTG	20 / 1	1#12, #12N, #12G, 3/4"C						A
12	LIGHTING	LTG	20 / 1	1#12, #12N, #12G, 3/4"C						B
14	LIGHTING	LTG	20 / 1	1#12, #12N, #12G, 3/4"C						C
16	LIGHTING	LTG	20 / 1	1#12, #12N, #12G, 3/4"C						A
18	SPACE ONLY									B
20	SPACE ONLY									C
22	SPACE ONLY									A
24	SPACE ONLY									B
26	SPACE ONLY									C
28	EGRESS LIGHTS	LTG	20 / 1	1#12, #12N, #12G, 3/4"C						A
30	EXIT LIGHTS	LTG	20 / 1	1#12, #12N, #12G, 3/4"C						B
32	SPACE ONLY									C
34	SPACE ONLY									A
36	SPACE ONLY									B
38	SPACE ONLY									C
40	SPACE ONLY									A
42	SPACE ONLY									B
										C
NOTES:										