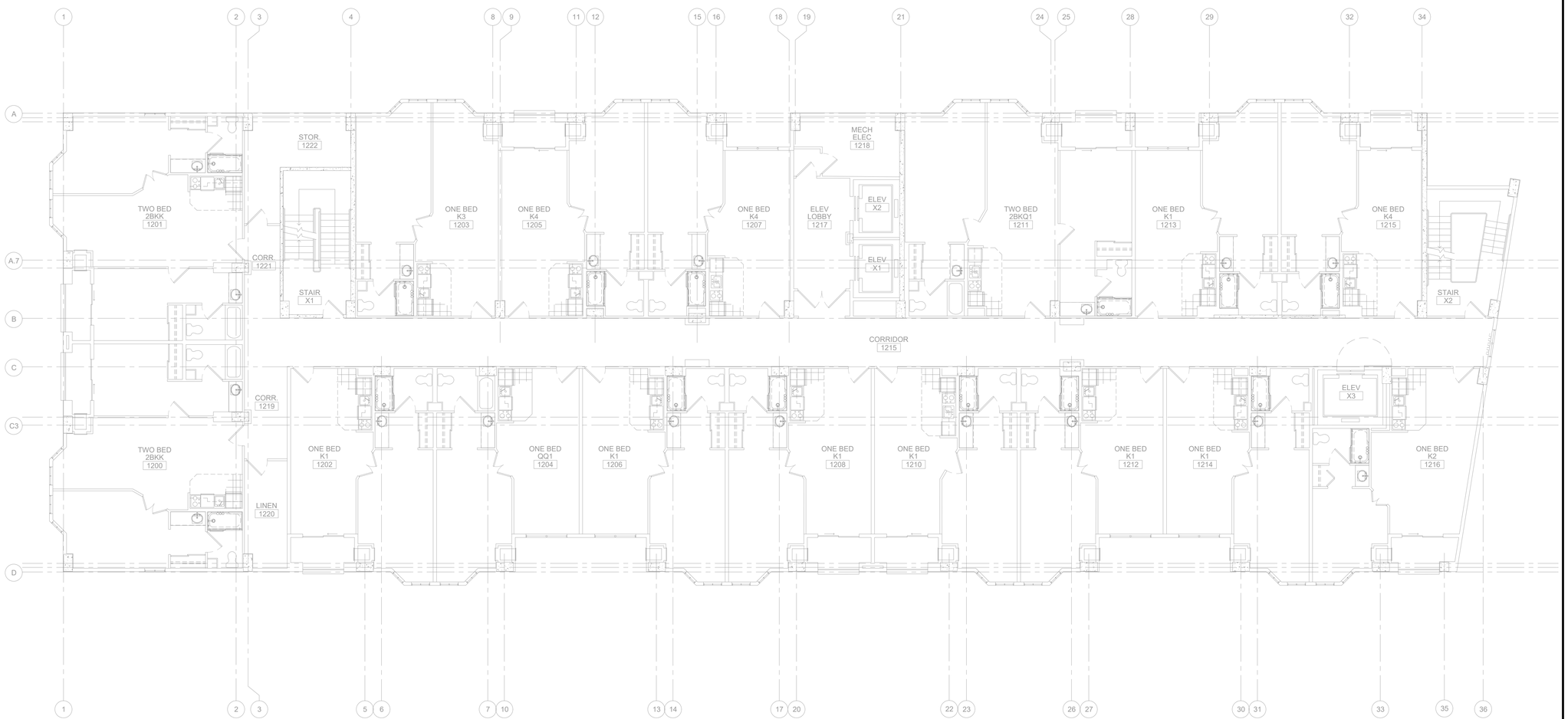
ROOM MATRIX - 12TH FLR

ROOM NUMBER	ROOM TYPE	ENLARGED SHEET #
1200	2BKK	2/P1.22
1201	2BKK	2/P1.22
1202	K1	1/P1.20
1203	K3	2/P1.23
1204	QQ1	4/P1.20
1205	K4	3/P1.23
1206	K1	1/P1.20
1207	K4	3/P1.23
1208	K1	1/P1.20
1210	K1	1/P1.20
1211	2BKQ1	2/P1.21
1212	K1	1/P1.20
1213	K1	1/P1.20
1214	K1	1/P1.20
1215	K4	3/P1.23
1216	K2	2/P1.23

REFER TO ENLARGE PLANS FOR SCOPE IF WORK INDICATED IN ROOMS AND ROOM TYPES INDICATED ABOVE.

GENERAL SCOPE NOTES

1. PRIOR TO START OF WORK, CONTRACTOR SHALL COORDINATE SUPPLY SHUTDOWN WITH OWNER, INCLUDING ALL ROOMS TO BE AFFECTED.
2. THE EXISTING CONDITIONS ARE BASED ON "AS-BUILT" DRAWINGS AND / OR LIMITED FIELD VERIFICATIONS. THE CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS, ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION.



1 MECHANICAL OVERALL PLAN - 12TH FLOOR
SCALE: 1/8" = 1'

Project

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Issuance

No.	Description	Date
1	CONSTRUCTION	03/07
	DOCUMENTS	2022

Drawn By: SE

Checked By: KD

Project No. 1335

Drawing Title

MECHANICAL
12TH FLOOR
OVERALL PLAN

Drawing Scale:

Stamp

STATE OF LOUISIANA
KATHRYN HART DUYTSCHAEVER
License No. 32694
PROFESSIONAL ENGINEER

M1.08

Drawing Number

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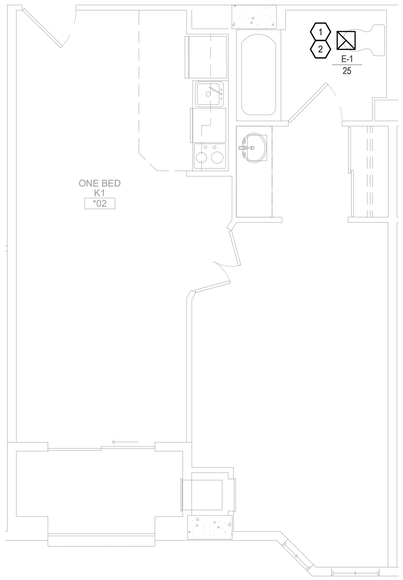
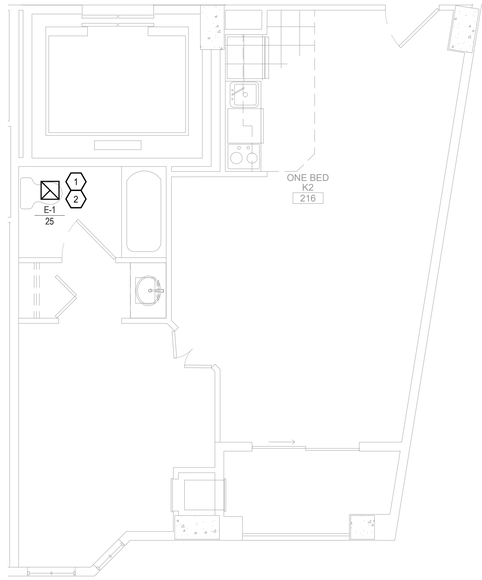
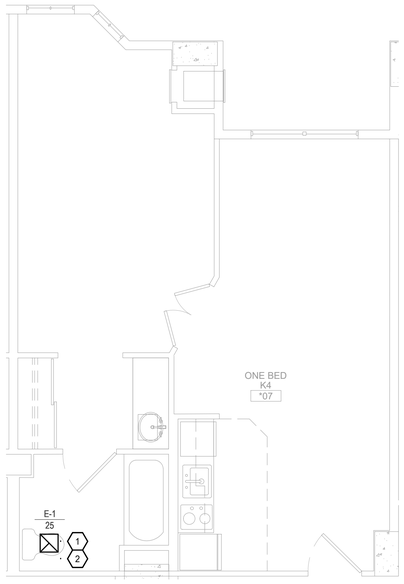


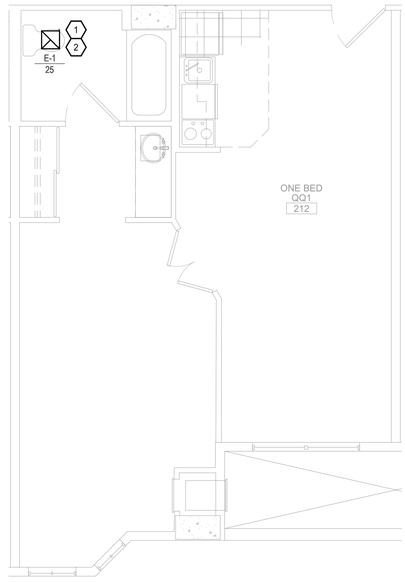
1 K1 - TYPICAL KING (RIGHT SHOWN) QTY: 24
SCALE: 1/4" = 1" RM 702 SHOWN LEFT QTY: 23



2 K2 - KING W/ SLANTED WALL QTY: 11
SCALE: 1/4" = 1" RM 216 SHOWN



3 K4 - KING SCONCE AT SIDE WALL (RIGHT SHOWN) QTY: 12
SCALE: 1/4" = 1" RM 707 SHOWN LEFT QTY: 6



4 QQ1 - TYPICAL QUEEN/QUEEN (LEFT SHOWN) QTY: 19
SCALE: 1/4" = 1" RM 212 SHOWN RIGHT QTY: 15

GENERAL SCOPE NOTES

1. PRIOR TO START OF WORK, CONTRACTOR SHALL COORDINATE SUPPLY SHUTDOWN WITH OWNER, INCLUDING ALL ROOMS TO BE AFFECTED.
2. THE EXISTING CONDITIONS ARE BASED ON "AS-BUILT" DRAWINGS AND / OR LIMITED FIELD VERIFICATIONS. THE CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS, ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION.

KEY NOTES

1. REMOVE EXISTING EXHAUST FAN LOCATED IN GUEST ROOM, INCLUDING ALL ELECTRICAL WIRE BACK TO SOURCE. PROVIDE NEW BLANK OFF PLATE AT WALL. PREPARE AREA FOR INSTALLATION OF NEW E-1 (AMERICAN ALDES) ASSEMBLY.
2. INSTALL NEW E-1 AUTOMATIC AIR BALANCING DIFFUSER IN PLACE OF EXISTING EXHAUST FAN. CONTRACTOR SHALL FIELD VERIFY EXISTING OPENING SIZE, CONSTRUCTION, AND CONNECTION SIZE PRIOR TO ORDER. COORDINATE FINAL E-1 ASSEMBLY WITH MANUFACTURER PRIOR TO ORDER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL FIRE RATINGS AND PROVIDE A BALANCED FUNCTIONING SYSTEM.

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Issuance

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Drawn By: SE
Checked By: KD
Project No. 1335

Drawing Title

MECHANICAL
GUEST ROOM
ENLARGED PLANS

Drawing Scale:

Stamp

STATE OF LOUISIANA
KATHRYN HART DUYTSCHAEVER
License No. 32594
PROFESSIONAL ENGINEER

M1.20

Drawing Number

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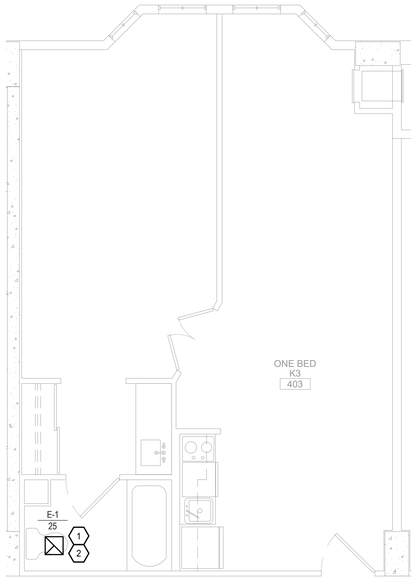
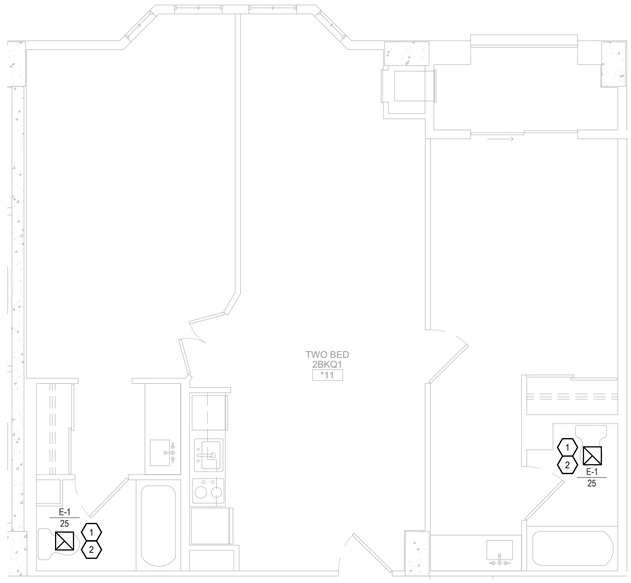
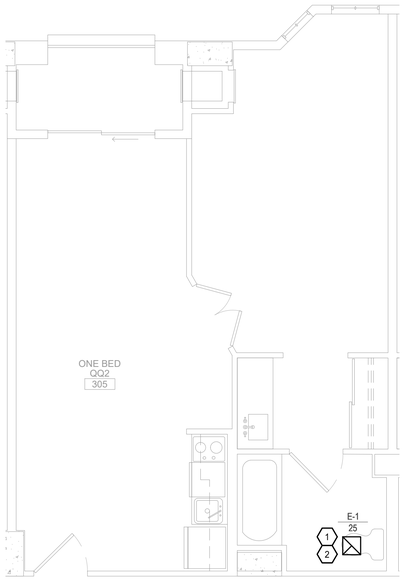


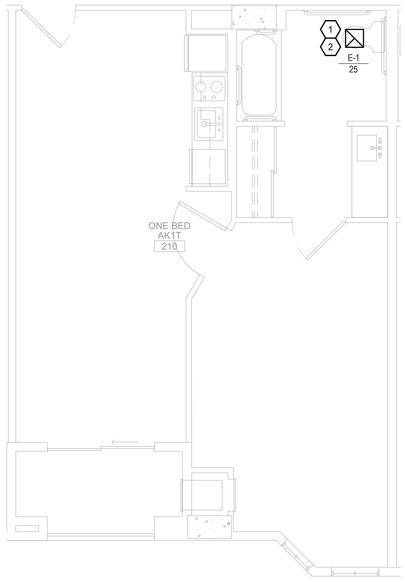
1 K3 - KING LONG LIVING ROOM BAY QTY: 10
SCALE: 1/4" = 1" RM 403 SHOWN



2 2BKQ1 - 2 BEDROOM KING/QUEEN QTY:8
SCALE: 1/4" = 1" RM 511 SHOWN



3 QQ2 - QN/QN SCONCE ON SIDE WALL (LEFT SHOWN) QTY: 4
SCALE: 1/4" = 1" RM 305 SHOWN RIGHT QTY: 6



4 AK1T - ACCESSIBLE KING W/ TUB QTY:5
SCALE: 1/4" = 1" RM 210 SHOWN AK2S - SIMILAR - QTY:1

GENERAL SCOPE NOTES

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Checked By: KD
Project No. 1335

Drawing Title

MECHANICAL
GUEST ROOM
ENLARGED PLANS

Drawing Scale:

Stamp

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KATHRYN HART DUYTSCHAEVER
License No. 32594
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M1.21

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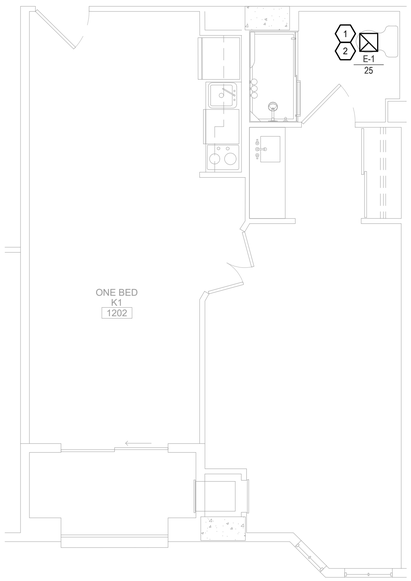
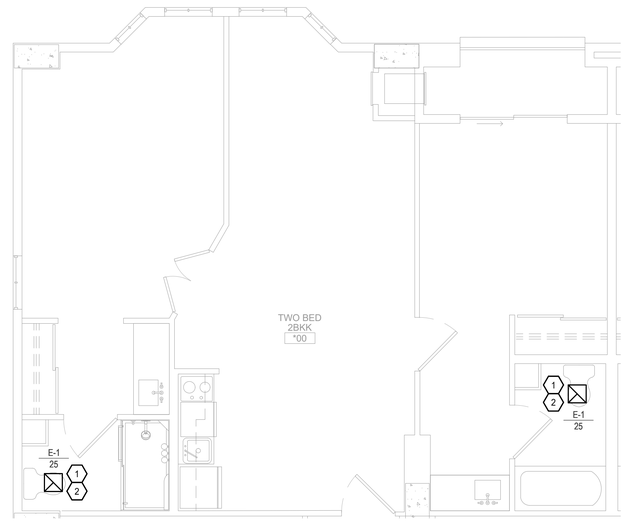
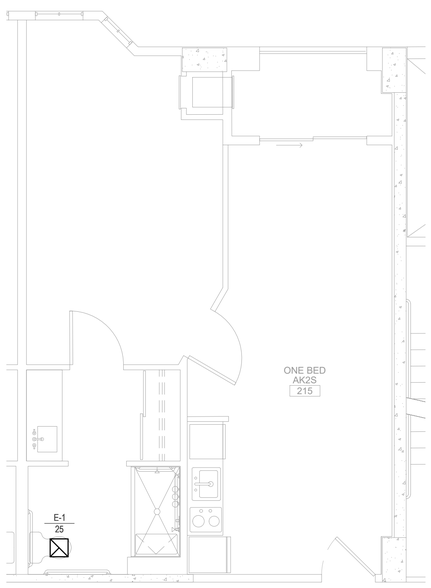


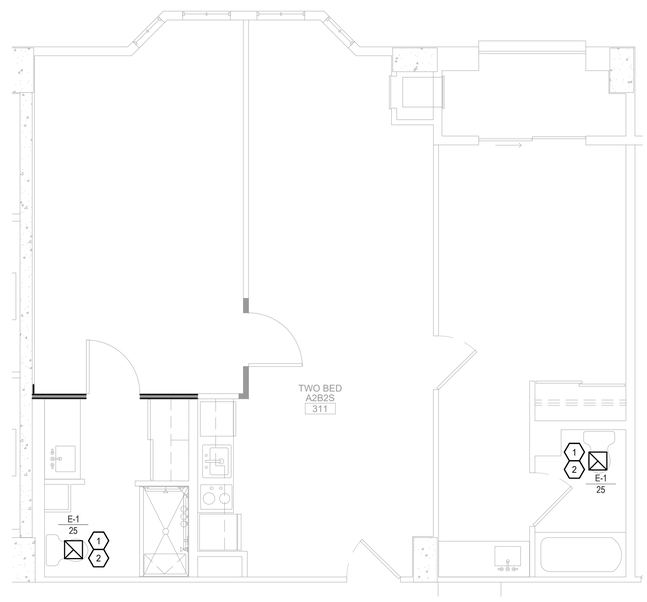
1 BK1 - 1 BEDROOM KING (RIGHT SHOWN) QTY:10
SCALE: 1/4" = 1" RM 1202 SHOWN LEFT QTY: 10



2 2BKK - 2 BEDROOM KING/KING (RIGHT SHOWN) QTY:10
SCALE: 1/4" = 1" RM 1100 SHOWN LEFT QTY: 10



3 AK2S - ACCESSIBLE KING W/ SHOWER QTY:1
SCALE: 1/4" = 1" RM 215 SHOWN



4 A2B2S - ACCESSIBLE 2 BEDROOM W/ SHOWER QTY: 1
SCALE: 1/4" = 1" RM 311 SHOWN A2B1T - SIMILAR - QTY:1

GENERAL SCOPE NOTES

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	DOCUMENTS	2022

Drawn By: SE
Checked By: KD
Project No. 1335

Drawing Title

MECHANICAL
GUEST ROOM
ENLARGED PLANS

Drawing Scale:

Stamp

STATE OF LOUISIANA
KATHRYN HART DUYTSCHAEVER
License No. 32594
PROFESSIONAL ENGINEER

M1.22

Drawing Number

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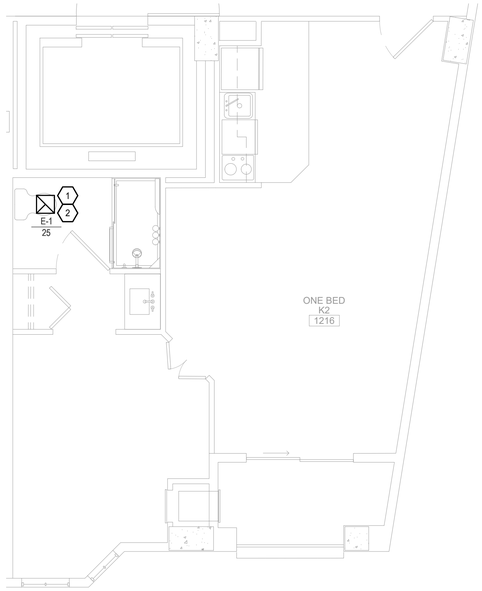
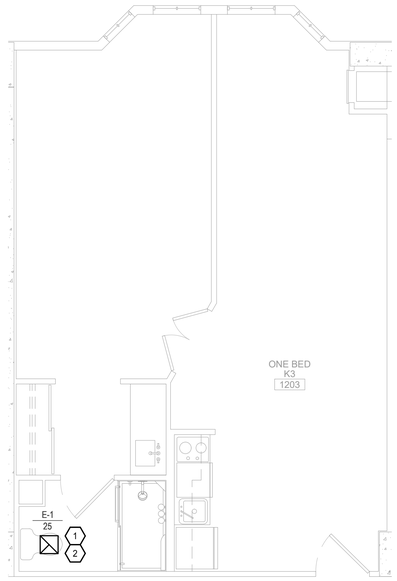
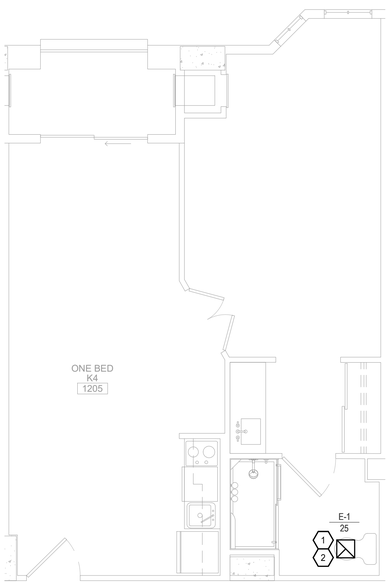


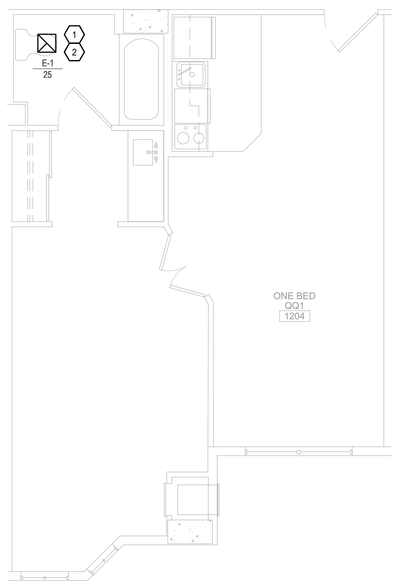
1 BK2 - 1 BEDROOM KING QTY:1
SCALE: 1/4" = 1" RM 1216 SHOWN



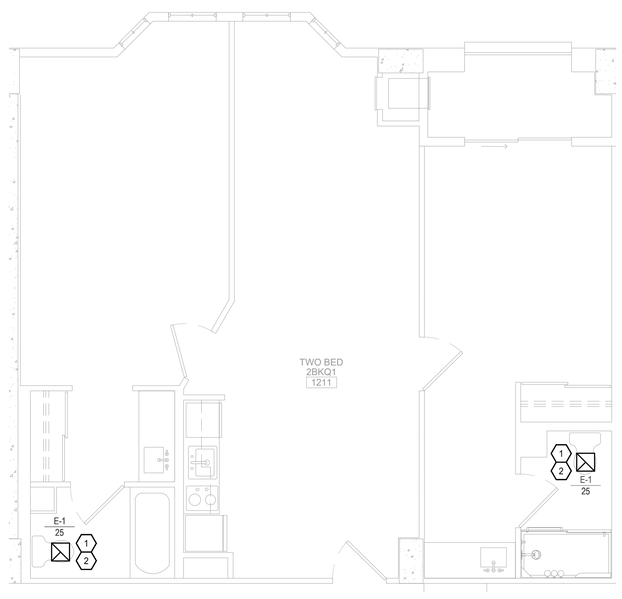
2 BK3 - 1 BEDROOM KING QTY:1
SCALE: 1/4" = 1" RM 1203 SHOWN



3 BK4 - KING W/ SHOWER QTY:3
SCALE: 1/4" = 1" RM 1205 SHOWN



4 QQ1 - QUEEN/QUEEN QTY: 1
SCALE: 1/4" = 1" RM 311 SHOWN



5 2BKQ1 - TWO BEDRROM KING / QUEEN QTY: 1
SCALE: 1/4" = 1" RM 311 SHOWN

GENERAL SCOPE NOTES

1. PRIOR TO START OF WORK, CONTRACTOR SHALL COORDINATE SUPPLY SHUTDOWN WITH OWNER, INCLUDING ALL ROOMS TO BE AFFECTED.
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KEY NOTES

1. REMOVE EXISTING EXHAUST FAN LOCATED IN GUEST ROOM, INCLUDING ALL ELECTRICAL WIRE BACK TO SOURCE. PROVIDE NEW BLANK OFF PLATE AT WALL. PREPARE AREA FOR INSTALLATION OF NEW E-1 (AMERICAN ALDES) ASSEMBLY.
2. INSTALL NEW E-1 AUTOMATIC AIR BALANCING DIFFUSER IN PLACE OF EXISTING EXHAUST FAN. CONTRACTOR SHALL FIELD VERIFY EXISTING OPENING SIZE, CONSTRUCTION, AND CONNECTION SIZE PRIOR TO ORDER. COORDINATE FINAL E-1 ASSEMBLY WITH MANUFACTURER PRIOR TO ORDER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL FIRE RATINGS AND PROVIDE A BALANCED FUNCTIONING SYSTEM.

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Issuance

No.	Description	Date
1	CONSTRUCTION	03/07
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Drawn By: SE
Checked By: KD
Project No. 1335

Drawing Title

MECHANICAL
GUEST ROOM
ENLARGED PLANS

Drawing Scale:

Stamp

STATE OF LOUISIANA
KATHRYN HART DUYTSCHAEVER
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PROFESSIONAL ENGINEER

M1.23

Drawing Number

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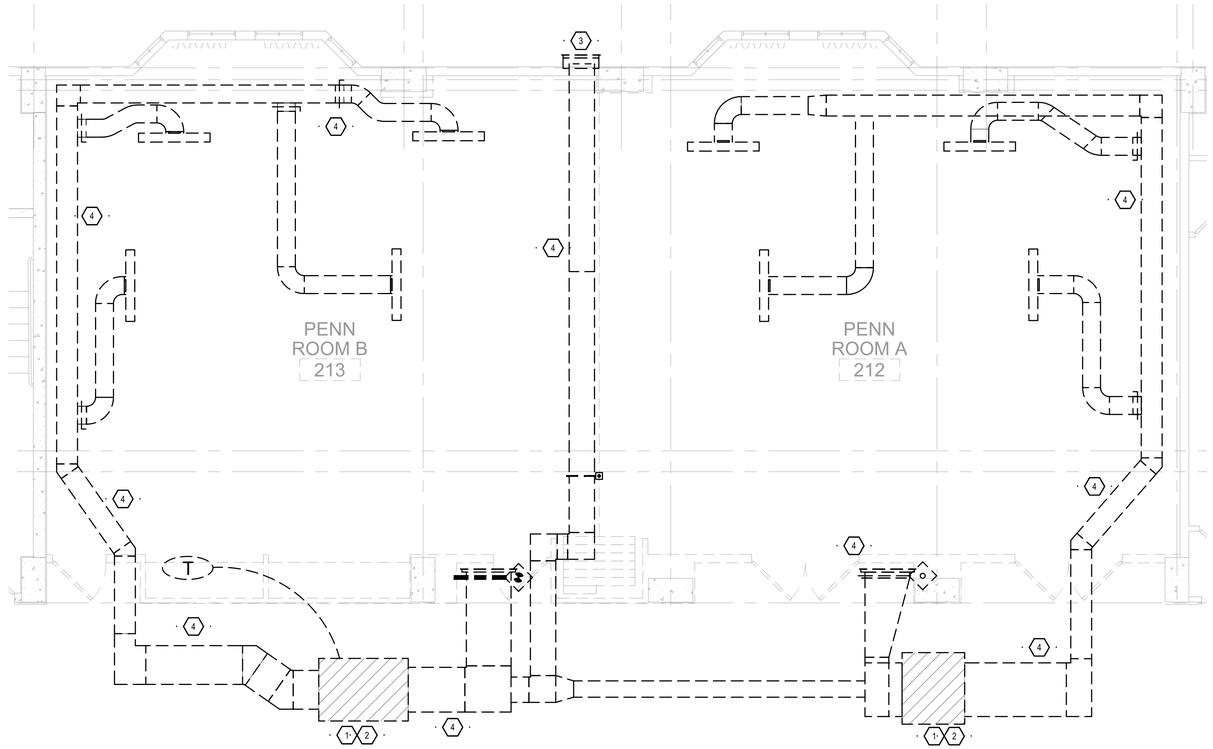
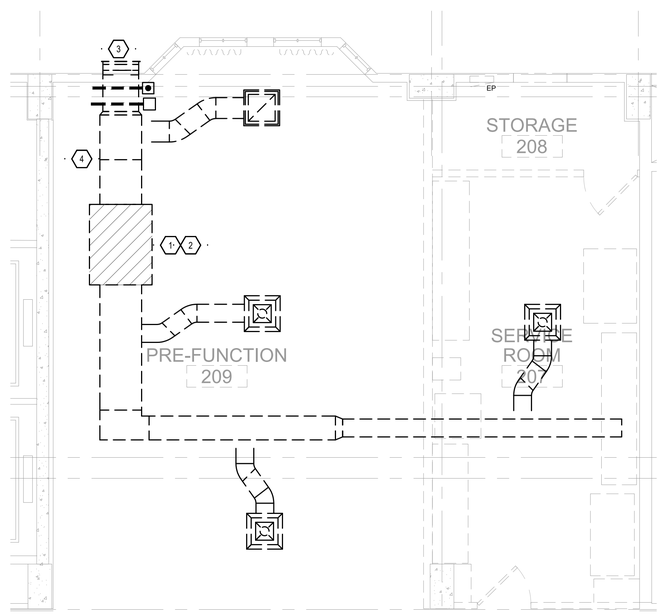


2 SK - STUDIO KING (DEMO) QTY:1
SCALE: 1/4" = 1" RM 207 SHOWN



1 2BKQ2 - 2 BEDROOM KING/QUEEN (DEMO)
SCALE: 1/4" = 1" RM 211

GENERAL SCOPE NOTES

1. CONTRACTOR SHALL REPAIR EXISTING ENVELOPING TO MATCH EXISTING.
2. THE EXISTING CONDITIONS ARE BASED ON "AS-BUILT" DRAWINGS AND / OR LIMITED FIELD VERIFICATIONS. THE CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS, ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION.

DEMO PLAN KEY NOTES

1. REMOVE EXISTING FAN COIL AND EXISTING DUCT AS SHOWN.
2. CONTRACTOR SHALL LOCATE AND PREPARE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING FOR NEW CONNECTION.
3. EXISTING LOUVER TO BE REMOVED AND EXISTING WALL OPENING TO BE REPAIRED TO LIKE NEW CONDITION.
4. REMOVE AND DISCARD EXISTING DUCT AND DUCT ACCESSORIES SHOWN ON PLANS.*

Project

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Drawing Title

MECHANICAL
GUEST ROOM DEMO
ENLARGED PLANS

Drawing Scale:

Stamp

STATE OF LOUISIANA
KATHRYN HART DUYTSCHAEVER
License No. 32694
PROFESSIONAL ENGINEER

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MD1.24

Drawing Number

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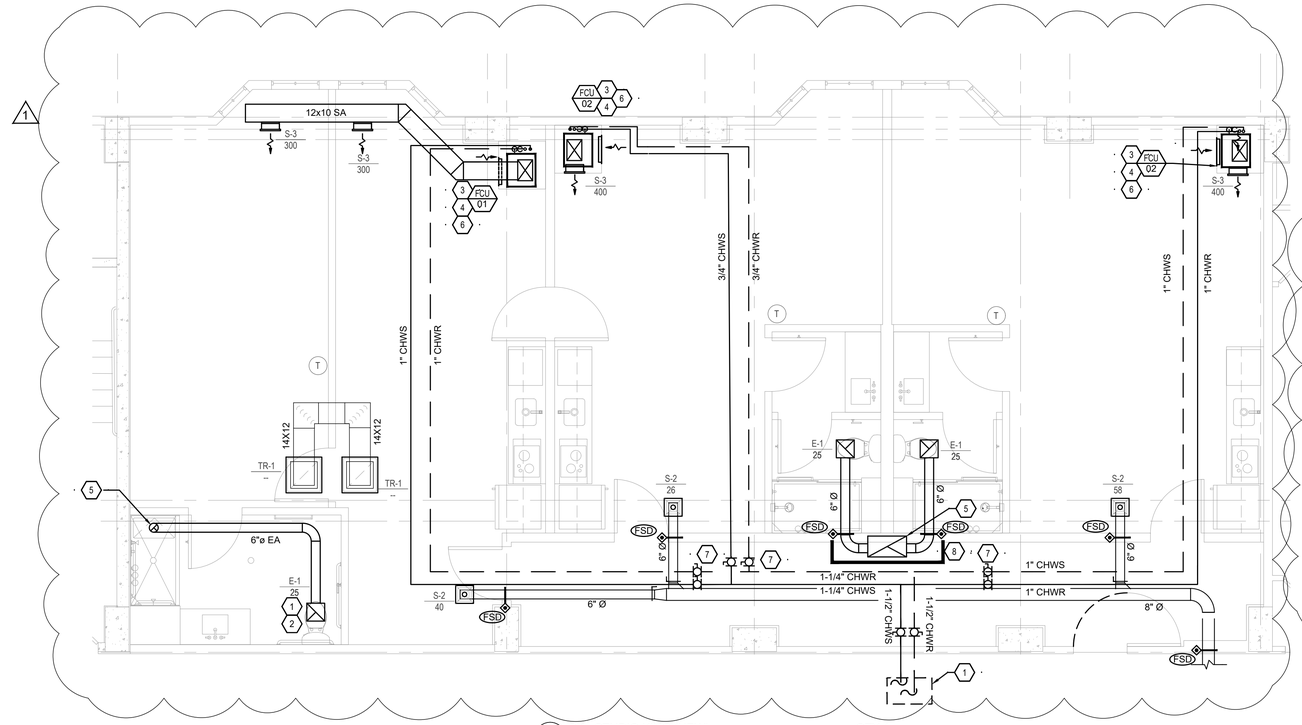

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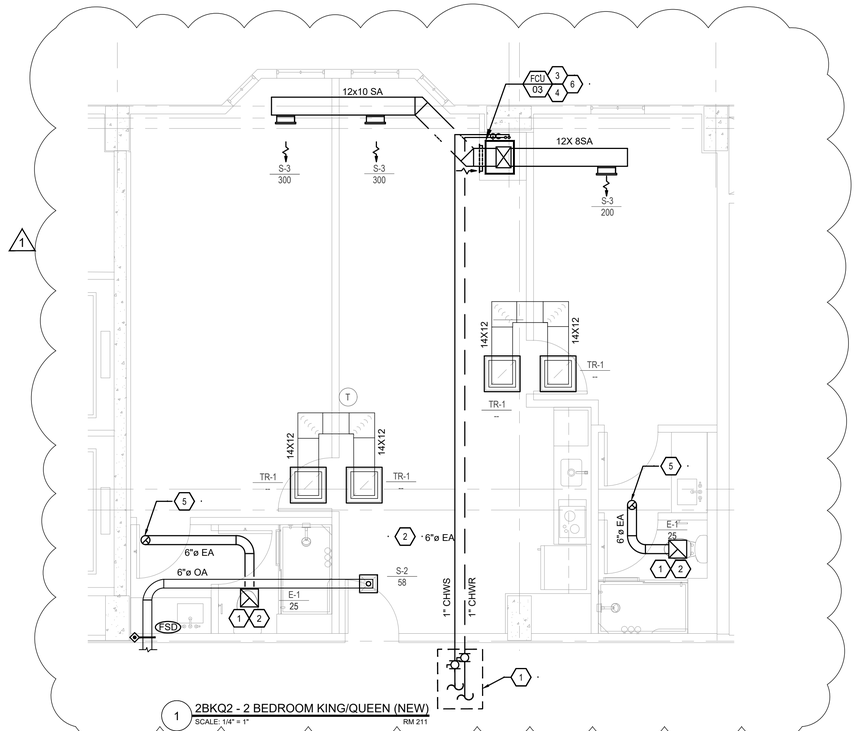
SCALE: 1/4" = 1" RM 207 SHOWN



1 2BKQ2 - 2 BEDROOM KING/QUEEN (NEW)
SCALE: 1/4" = 1" RM 211

GENERAL SCOPE NOTES

1. PROVIDE ALL FCU'S WITH LITTLE GIANT CONDENSATE PUMP. ROUTE TO TAILPIECE IN NEAREST LAVATORY.
2. THE EXISTING CONDITIONS ARE BASED ON "AS-BUILT" DRAWINGS AND / OR LIMITED FIELD VERIFICATIONS. THE CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS, ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION.

KEY NOTES

1. CHWS / CHWR PIPE FROM CORRIDOR. PROVIDE WET TAP CONNECTION AS REQUIRED.
2. PROPOSED EXHAUST VENT ROUTING. PROVIDE LOUVER EXHAUST KIT AT EXIT OF BUILDING.
3. PROVIDE LITTLE GIANT CONDENSATE PUMP FOR FAN COIL AND ROUTE CONDENSATE TO TAILPIECE ON NEAREST LAVATORY.
4. PROVIDE FAN COIL UNIT WITH THERMOSTAT / HUMIDISTAT COMBO. PROGRAM TO ACTIVATE ELECTRIC HEAT STRIP AS REQUIRED FOR HUMIDITY CONTROL.
5. CONTRACTOR SHALL PROVIDE FIRE SMOKE DAMPER IN THE VERTICAL RISE OF THE NEW EXHAUST DUCT.
6. PROVIDE MANUFACTURER RETURN GRILLE ACCESS PANEL.
7. CONTRACTOR SHALL COORDINATE CHILLED WATER ISOLATION VALVES OVER NEW ACT IN CORRIDOR. COORDINATE FINAL LOCATION WITH ARCHITECTURAL RCP.
8. CONTRACTOR TO EXTEND EXISTING RISER DOWN FROM FLOOR ABOVE. CONTRACTOR SHALL COORDINATE ABOVE CEILING SHAFT WITH ALL OTHER TRADES PRIOR TO START OF WORK

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Drawing Title

MECHANICAL
GUEST ROOM
ENLARGED PLANS

Drawing Scale:

Stamp

STATE OF LOUISIANA
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PROFESSIONAL ENGINEER

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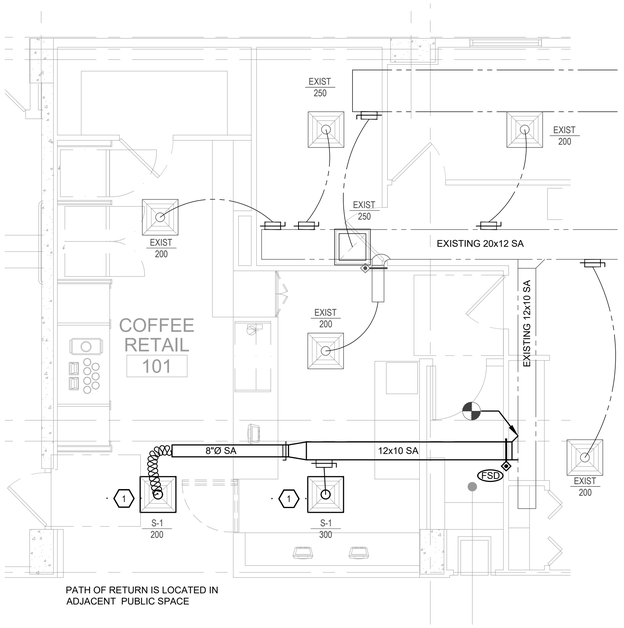
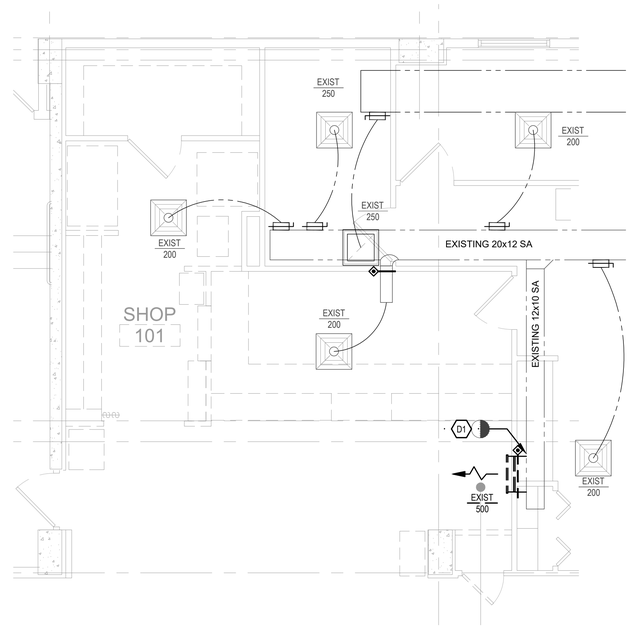


PATH OF RETURN IS LOCATED IN
ADJACENT PUBLIC SPACE

2 ENLARGED MECHANICAL RENOVATION PLAN- RECEPTION
SCALE: 1/4" = 1"



1 ENLARGED MECHANICAL DEMOLITION PLAN- RECEPTION
SCALE: 1/4" = 1"

GENERAL SCOPE NOTES

1. THE EXISTING CONDITIONS ARE BASED ON "AS-BUILT" DRAWINGS AND / OR LIMITED FIELD VERIFICATIONS. THE CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS, ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION.

KEY NOTES

1. PROVIDE NEW 24X24 DIFFUSERS. COORDINATE EXACT LOCATION WITH NEW ARCHITECTURAL RCP.

DEMOLITION KEY NOTES

1. CONTRACTOR SHALL REMOVE SIDE WALL GRILLE AND EXISTING FIRE SMOKE DAMPER. PREPARE AND REPAIR EXISTING DUCT FOR NEW CONNECTION.

Project

HOMEWOOD SUITES by Hilton

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Issuance

No.	Description	Date
1	CONSTRUCTION	03/07
	DOCUMENTS	2022

Drawn By: SE

Checked By: KD

Project No. 1335

Drawing Title

MECHANICAL
1ST FLOOR
RECEPTION PLAN

Drawing Scale:

Stamp

STATE OF LOUISIANA
KATHRYN HART DUYTSCHAEVER
License No. 32594
PROFESSIONAL ENGINEER

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M1.25

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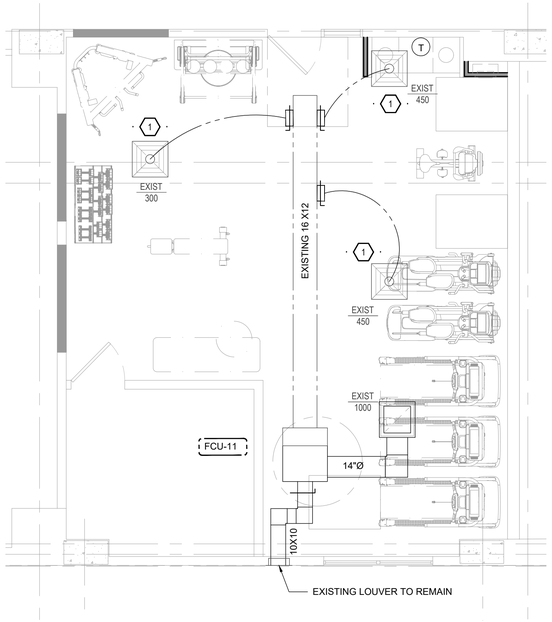
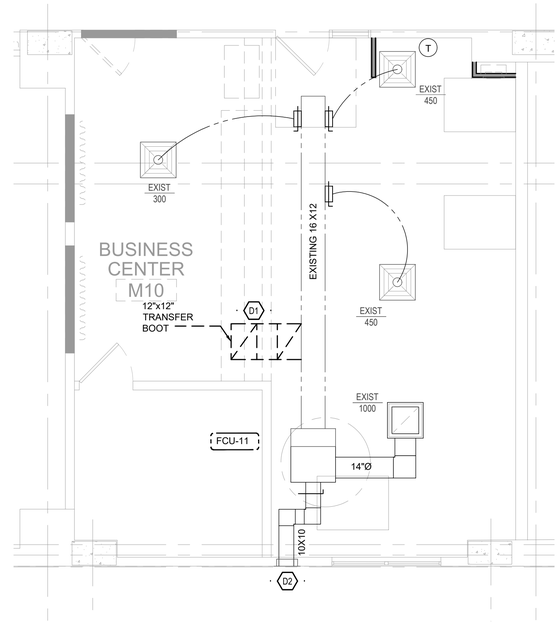


2 ENLARGED MECHANICAL RENOVATION PLAN- FITNESS CENTER
SCALE: 1/4" = 1"



1 ENLARGED MECHANICAL DEMOLITION PLAN- FINTESS CENTER
SCALE: 1/4" = 1"

GENERAL SCOPE NOTES

1. PROVIDE ALL FCU'S WITH LITTLE GIANT CONDENSATE PUMP. ROUTE TO TAILPIECE IN NEAREST LAVATORY.
2. THE EXISTING CONDITIONS ARE BASED ON "AS-BUILT" DRAWINGS AND / OR LIMITED FIELD VERIFICATIONS. THE CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS, ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION.

KEY NOTES

1. CONTRACTOR SHALL RELOCATE EXISTING DIFFUSERS TO MATCH NEW ARCHITECTURAL RCP.

Project

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Drawn By: SE

Checked By: KD

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Drawing Title

MECHANICAL
FITNESS CENTER
PLAN

Drawing Scale:

Stamp

STATE OF LOUISIANA
KATHRYN HART DUYTSCHAEVER
License No. 32694
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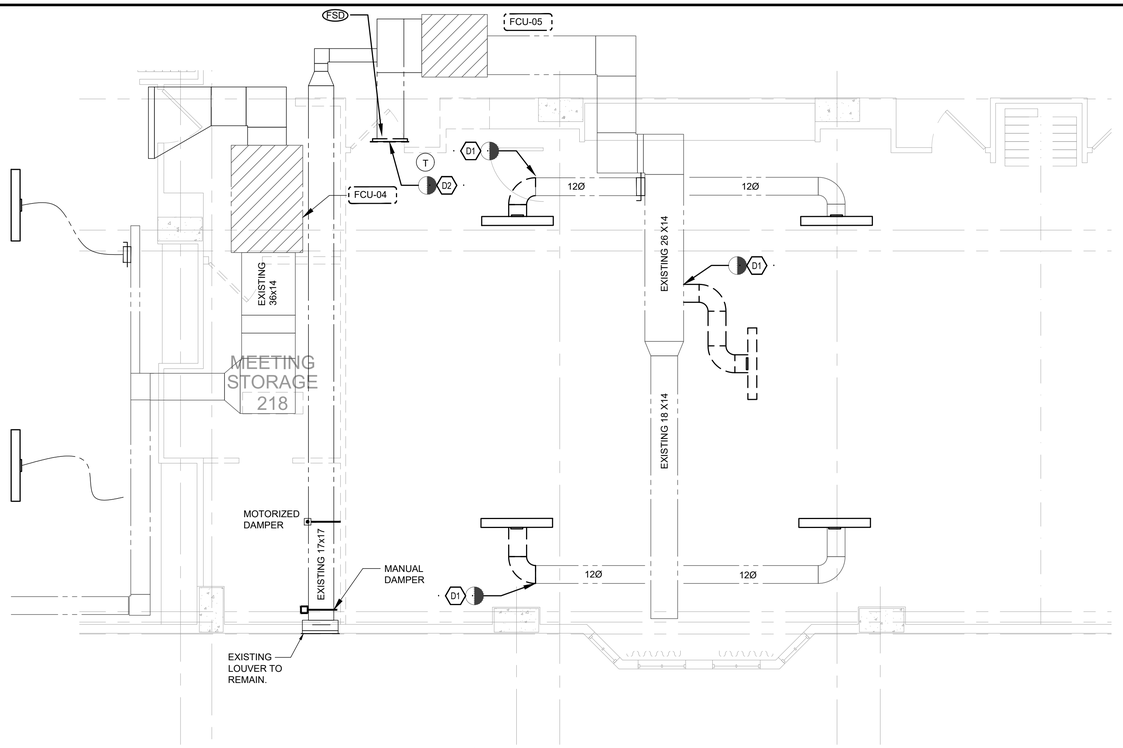
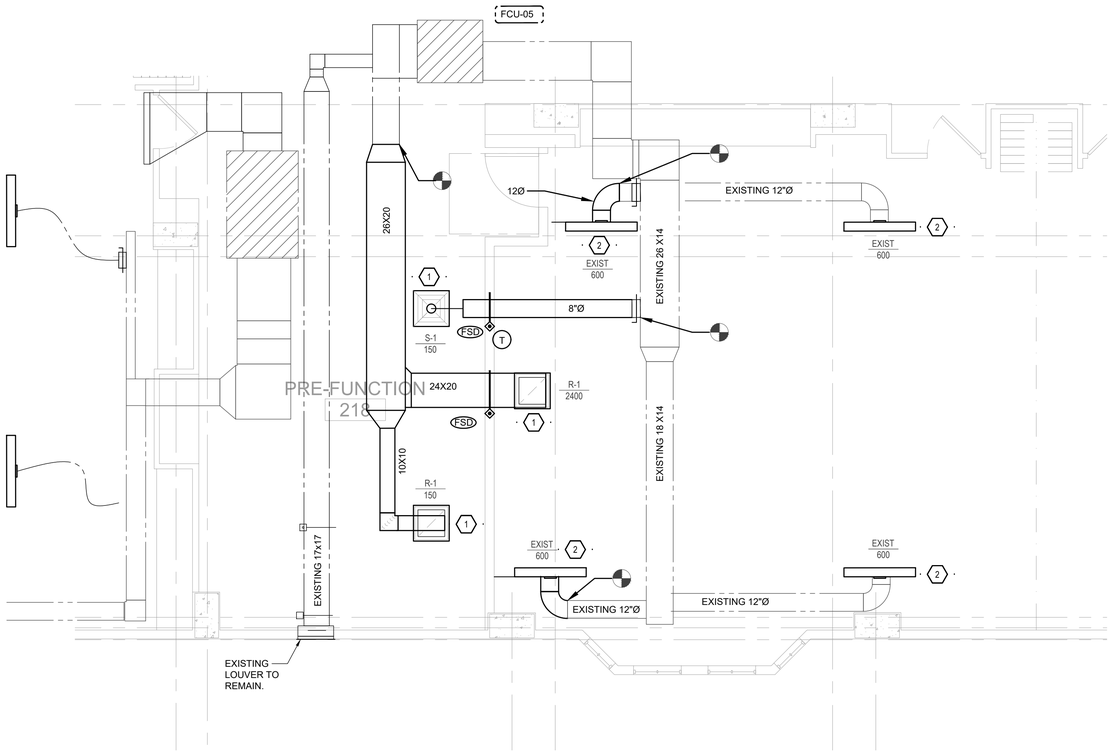


1 ENLARGED MECHANICAL DEMOLITION PLAN- MEETING ROOM
SCALE: 1/4" = 1"



1 ENLARGED MECHANICAL RENOVATION PLAN- MEETING ROOM
SCALE: 1/4" = 1"

GENERAL SCOPE NOTES

1. THE EXISTING CONDITIONS ARE BASED ON "AS-BUILT" DRAWINGS AND / OR LIMITED FIELD VERIFICATIONS. THE CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS, ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION.

KEY NOTES

1. PROVIDE NEW 24X24 DIFFUSERS. COORDINATE EXACT LOCATION WITH NEW ARCHITECTURAL RCP.
2. RELOCATE EXISTING LINIER DIFFUSER TO MATCH NEW ARCHITECTURAL RCP.

DEMOLITION KEY NOTES

1. CONTRACTOR SHALL REMOVE REQUIRED DUCT WORK TO RELOCATE EXISTING LINIER DIFFUSER.
2. CONTRACTOR TO REMOVE EXISTING SIDEWALL RETURN GRILLE AND FIRE SMOKE DAMPER AND PREPARE DUCT FOR NEW CONNECTION.

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Drawing Title

MECHANICAL
2ND FLOOR
MEETING ROOM PLAN

Drawing Scale:

Stamp

STATE OF LOUISIANA
KATHRYN HART DUYTSCHAEVER
License No. 32694
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Drawing Number

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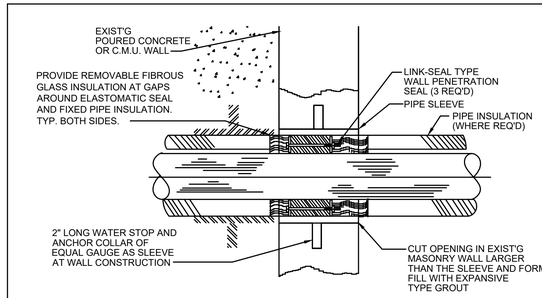
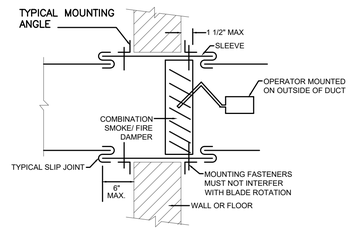


TYPICAL PIPE PENETRATION

NOT TO SCALE



WALL SLEEVE	
DUCT DIMENSION (IN DIA. OR EITHER RECT. DIM.)	MIN. GAUGE
0 - 12"	26
13 - 30"	24
31 - 54"	22
55 -84"	20
85 - UP	18

ANGLE IRON AND FASTENER DIMENSIONS		
LENGTH	MIN. ANGLE SIZE	FASTENER LOCATION
0 - 48"	1-/2" x 1-1/2" x 1/8"	8" ON CENTER
49 - 96"	2" x 2" x 1/8"	6" ON CENTER
OVER 96"	2-1/2" x 2-1/2" x 3/16"	6" ON CENTER

NOTES:

A) Secure Retaining Angles to Sleeve Only, on 8" Centers with:
1. 1/2" long welds or
2. 1/4" bolts and nuts, or
3. No. 10 steel screws, or
4. Minimum 3/16" steel rivets

B) Secure Damper to Sleeve on 8" centers with:
1. 1/2" long welds or
2. 1/4" bolts and nuts in holes provided, or
3. No. 10 steel screws, or
4. Minimum 3/16" steel rivets

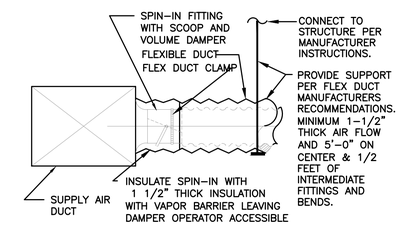
Locate damper assembly in sleeve area between mounting angles and fasten damper to sleeve.

Both vertical and horizontal damper installations are typified by these drawings.

Underside mounting angle on horizontal installation may be omitted if access is limited.

COMBINATION SMOKE FIRE DAMPER

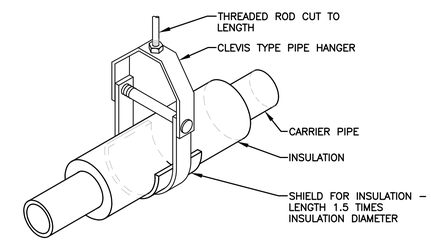
NOT TO SCALE



INSULATE AND SEAL ALL DIFFUSER SURFACES EXPOSED ABOVE CEILING

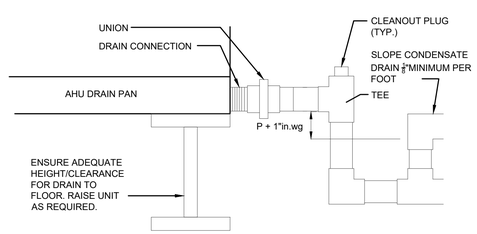
DUCT TAKEOFF DETAIL

NOT TO SCALE



CLEVIS TYPE PIPE HANGER FOR INSULATED PIPE

NTS

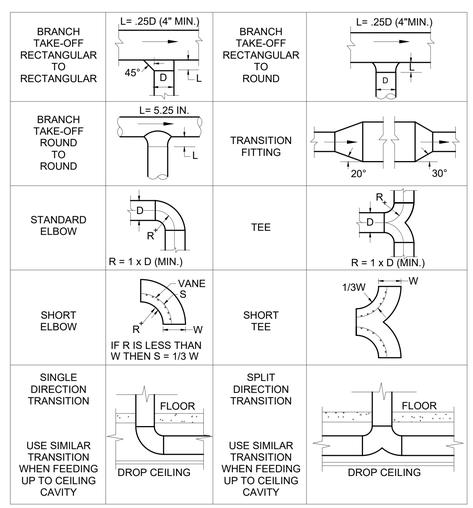


P - STATIC PRESSURE (in.wg) IN COOLING COIL PLUS ALL UPSTREAM STATIC PRESSURE.

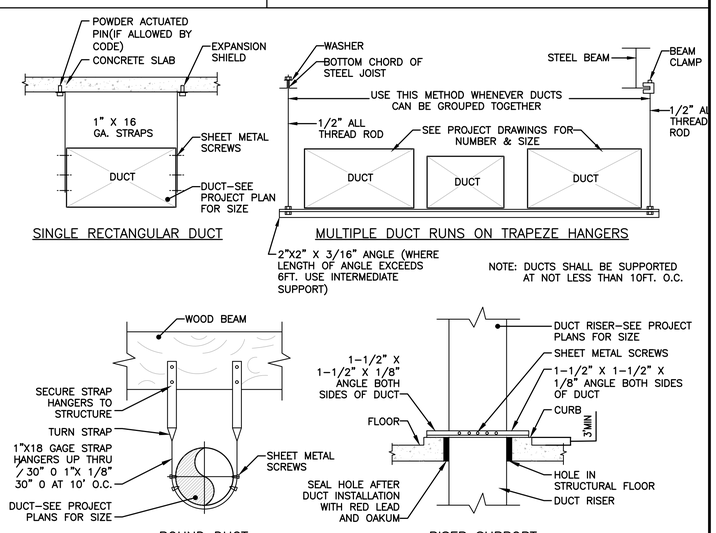
GENERAL NOTES:

1. PRIOR TO ORDERING AHU, CONTRACTOR SHALL COORDINATE ALL BASE RAIL OR EQUIPMENT HEIGHTS TO OBTAIN PROPER CONDENSATE TRAP HEIGHTS AS ILLUSTRATED.
2. FILL CONDENSATE DRAIN TRAP PRIOR TO UNIT START-UP.
3. SIZE CONDENSATE DRAIN PIPING ACCORDING TO DRAWINGS. PIPE SIZE SHALL BE NO LESS THAN MANUFACTURER'S RECOMMENDED PIPE SIZE.
4. COORIDINATE TRAP LOCTION TO AVOID ANY EQUIPMENT ACCESS

CONDENSATE TRAP DETAIL



TYPICAL DUCT TAKE OFFS



SINGLE RECTANGULAR DUCT

MULTIPLE DUCT RUNS ON TRAPEZE HANGERS

NOTE: DUCTS SHALL BE SUPPORTED AT NOT LESS THAN 10FT. O.C.

ROUND DUCT

RISER SUPPORT

HANGER AND SUPPORT DETAILS FOR LOW PRESSURE DUCTWORK (UP THRU 2" WG)

(VARIOUS METHODS OF ATTACHMENT)

NOT TO SCALE

1

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1	CONSTRUCTION	03/07
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Drawn By: SE

Checked By: KD

Project No. 1335

Drawing Title

MECHANICAL DETAILS

Drawing Scale:

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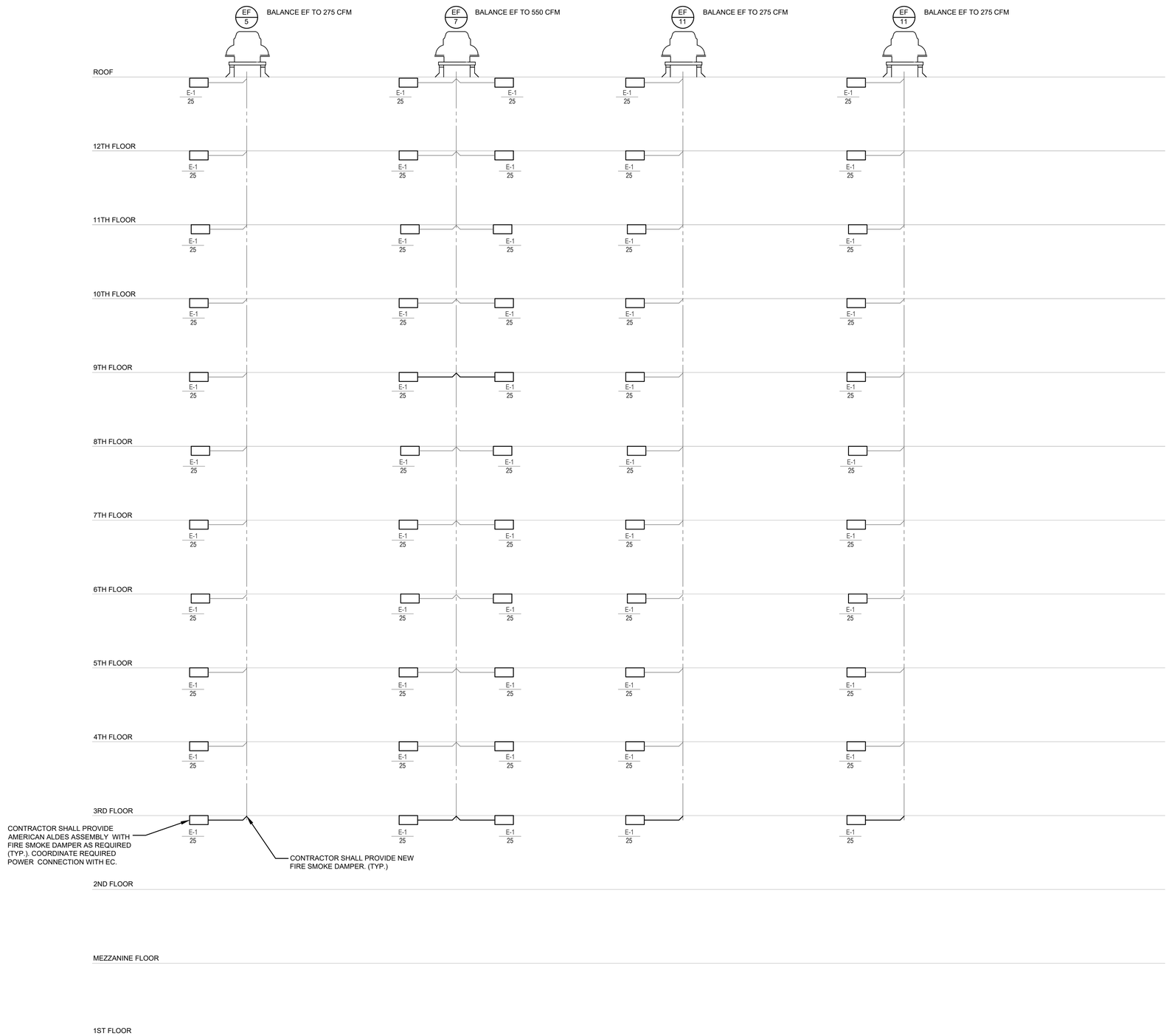
KATHRYN HART DOVTSCHEVER
License No. 32994
PROFESSIONAL ENGINEER

M3.01

Drawing Number



EXHAUST RISER DIAGRAM

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Drawing Title

MECHANICAL RISER DIAGRAIM

Drawing Scale:

Stamp

STATE OF LOUISIANA
KATHRYN HART DUYTSCHAEVER
License No. 38694
PROFESSIONAL ENGINEER

1

M3.02

Drawing Number

ELECTRICAL SYMBOLS LIST

ABREVIATIONS

4S/DP	4" SQUARE BY 2 1/8" DEEP BOX
ADA	AMERICAN WITH DISABILITIES ACT
A.F.F.	ABOVE FINISH FLOOR
A.F.G.	ABOVE FINISH GRADE
AWG	AMERICAN WIRE GAUGE
AMP, A	AMPERE
A.I.C.	AMPERES INTERRUPTING CAPACITY (SYMMETRICAL)
AF/AT	AMP FRAME, AMP TRIP
AS/AF	AMP SWITCH, AMP FUSE
CIRC.,CKT.	CIRCUIT
CB	CIRCUIT BREAKER
C	CONDUIT
C.O.	CONDUIT ONLY, COMPLETE WITH PULLSTRING
CONN	CONNECTED
CPT	CONTROL POWER TRANSFORMER
CLCB	CURRENT LIMITING CIRCUIT BREAKER
CLF	CURRENT LIMITING FUSE
CT	CURRENT TRANSFORMER
DIA	DIAMETER
E.C.	ELECTRICAL CONTRACTOR
EMS	ENERGY MANAGEMENT CONTROL SYSTEM
EMT	ELECTRICAL METALLIC TUBING
ENT	ELECTRICAL NON-METALLIC TUBING
EWC	ELECTRIC WATER COOLER
E-O-L	END-OF-LINE CIRCUIT TERMINATOR.
EF	EXHAUST FAN
E/G	EQUIPMENT GROUND (GREEN)
E	EXISTING EQUIPMENT
EP	EXPLOSION PROOF
FT or '	FEET
FA	FIRE ALARM
FLA	FULL LOAD AMPS
GFCI	GROUND FAULT CIRCUIT INTERRUPTER.
GRD	GROUND
HOA	HAND-OFF-AUTO
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
H.,W.,D.,L.	HEIGHT, WIDTH, DEPTH, LENGTH
HID	HIGH INTENSITY DISCHARGE
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
IN. or "	INCHES
I/G	ISOLATED GROUND
JBOX	JUNCTION BOX
K	DEGREE KELVIN
KVA	KILOVOLT AMPERES
KW	KILOWATT
LCL	LONG CONTINUOUS LOAD
L.F.	LINEAR FEET
LTG, LTS	LIGHTING
LPS	LOW PRESSURE SODIUM
MAX.	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MIN.	MINIMUM
MLO	MAIN LUGS ONLY
MV	MERCURY VAPOR
MH	METAL HALIDE
MCC	MOTOR CONTROL CENTER
MCM	THOUSAND CIRCULAR MILS
MCP	MOTOR CIRCUIT PROTECTOR
MFR.	MANUFACTURER
MTD	MOUNTED
MW	MICROWAVE
NEC	NATIONAL ELECTRICAL CODE
NC	NORMALLY CLOSED
NO	NORMALLY OPENED
NF	NON-FUSED
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO. or #	NUMBER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED.
P	POLE
PC	PHOTOCELL
PRIMARY	OVER 600 VOLTS
PH. or Φ	PHASE
PROVIDE	FURNISH, INSTALL AND CONNECT.
PT	POTENTIAL TRANSFORMER
PA	PUBLIC ADDRESS
REC, RECEPT	RECEPTACLE
REF	REFRIGERATOR
RGS	RIGID GALVANIZED STEEL
SECONDARY	600 VOLTS AND LESS
SQ.	SQUARE
TC	TIMECLOCK
TEL/DATA	TELEPHONE AND DATA
TV	TELEVISION
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT AMPERES
WP	WEATHERPROOF
W	WIRE

ELECTRICAL SHEET INDEX

E001	Electrical General Information
E1.00	Electrical First Level Power Plan
E1.01	Electrical Mezzanine Level Power Plan
E1.02	Electrical Second Level Power Plan
E2.00	Electrical First Level Lighting Plan
E2.01	Electrical Mezzanine Level Lighting Plan
E2.02	Electrical Second Level Lighting Plan
E3.00	Enlarged Electrical Plans
E3.01	Enlarged Electrical Plans
E3.02	Enlarged Electrical Plans
E4.00	Electrical First Level Demo Plan
E4.01	Electrical Mezzanine Level Demo Plan
E4.02	Electrical Second Level Demo Plan
E5.00	Electrical Schedules
E5.01	Electrical Riser Diagram - Floors 1 - 7
E5.02	Electrical Panel Schedules

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TELEPHONE OUTLET BOX, WALL MOUNTED AT +18" A.F.F. (MIN). STUB A 3/4" C.O. UP 6" ABOVE THE ACCESSIBLE CEILING AND PROVIDE A BUSHING. 4S/DP MINIMUM WITH SINGLE GANG RING.
"W" = WALL MOUNTED PHONE AT +48" A.F.F. (MAX)
"P" = PUBLIC (PAY) PHONE. VERIFY ALL REQUIREMENTS WITH THE TELEPHONE UTILITY COMPANY. PROVIDE 1"C.O. (MIN) TO THE MAIN TELEPHONE BACKBOARD. MOUNTING HEIGHT AS REQUIRED.

DATA OUTLET BOX MOUNTED AT +18" A.F.F. MINIMUM OR AS NOTED. STUB A 3/4" C.O. UP 6" ABOVE THE ACCESSIBLE CEILING AND PROVIDE A BUSHING. 4S/DP MINIMUM WITH SINGLE GANG RING. CLG INDICATED CEILING MOUNTED.

COMBINATION TELEPHONE AND DATA OUTLET BOX WALL MOUNTED AT +18" A.F.F. (MIN). STUB A 1" C.O. UP 6" ABOVE THE ACCESSIBLE CEILING AND PROVIDE A BUSHING. 4S/DP MINIMUM WITH SINGLE GANG RING.

TV — TELEVISION BOX. INCLUDE DATA JACK & COAX CONNECTIONS.

X — OPEN BOX, MOUNTED AT +18" A.F.F OR AS NOTED. STUB A 3/4" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING AND PROVIDE BUSHING.
"S" = DESIGNATES SINGLE GANG.
"D" = DESIGNATES DOUBLE GANG.
"T" = DESIGNATES TRIPLE GANG.
"SF" = DESIGNATES SINGLE GANG FLOORBOX PROVIDE AS S1PT4X4 VERIFY FINISH WITH ARCH.

WAP — WIRELESS ACCESS POINT. PROVIDE A 4-11/16" SQUARE BY 2-1/8" DEEP BACK BOX WITH A SINGLE GANG REDUCTION. STUB A 3/4" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING AND PROVIDE BUSHING.

DATA OUTLET BOX, WALL MOUNTED 6" ABOVE COUNTER OR SPLASH. STUB A 3/4"C.O. UP 6" ABOVE THE ACCESSIBLE CEILING AND PROVIDE A BUSHING. 4S/DP MINIMUM WITH SINGLE GANG RING.

COMBINATION TELEPHONE AND DATA OUTLET BOX, WALL MOUNTED 6" ABOVE COUNTER OR SPLASH. STUB A 1" C.O. UP 6" ABOVE THE ACCESSIBLE CEILING AND PROVIDE A BUSHING. 4S/DP MINIMUM WITH SINGLE GANG RING.

COMBINATION TELEPHONE AND DATA OUTLET BOX MOUNTED IN ACCESSIBLE CEILING SPACE WITH FLEXIBLE CONNECTION TO FURNITURE SYSTEM. VERIFY CONNECTION REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.

COMBINATION TELEPHONE AND DATA OUTLET BOX, WALL MOUNTED AT +18" A.F.F. WITH FLEXIBLE CONNECTION TO FURNITURE SYSTEM. STUB A 1 1/4" C.O. UP 6" ABOVE THE ACCESSIBLE CEILING AND PROVIDE A BUSHING. VERIFY CONNECTION REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.

COMBINATION TELEPHONE AND DATA OUTLET BOX, MOUNTED FLUSH IN FLOOR WITH FLEXIBLE CONNECTION TO FURNITURE SYSTEM. VERIFY CONNECTION REQUIREMENT WITH MANUFACTURER PRIOR TO ROUGH-IN.

TELEPHONE AND DATA, FLOOR POKE THROUGH WITH FLEXIBLE CONNECTION TO FURNITURE SYSTEM. VERIFY CONNECTION REQUIREMENT WITH MANUFACTURER. PRIOR TO ROUGH-IN.

——T—— CONCEALED TELEPHONE/DATA CONDUIT RUN, 3/4" CONDUIT ONLY (MIN).
——T1—— 1" C.O. ——T2—— 1 1/4" C.O.

FLUSH MOUNTED, LOCKABLE TERMINAL CABINET WITH TERMINAL STRIPS AS REQUIRED.

SURFACE MOUNTED, LOCKABLE TERMINAL CABINET WITH TERMINAL STRIPS AS REQUIRED.

TELEPHONE TERMINAL BACKBOARD SIZED AS NOTED, REFER TO SYSTEM GROUND DETAIL.

SURFACE MOUNTED MULTI-OUTLET ASSEMBLY. REFER TO GENERAL PRODUCT SPECIFICATIONS. PROVIDE ALL COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION.

FACP — FIRE ALARM CONTROL PANEL - SEE SPECIFICATIONS.

FAAP — FIRE ALARM ANNUNCIATOR PANEL - SEE SPECIFICATIONS.

F — FIRE ALARM MANUAL PULL STATION, WALL MOUNTED AT +48" A.F.F. - SEE SPECIFICATIONS.

FIRE ALARM HORN, WALL MOUNTED AT +92" A.F.F. CENTER OF DEVICE - SEE SPECIFICATIONS.

FIRE ALARM FLASHING LIGHT (ADA APPROVED), WALL MOUNTED AT +92" A.F.F. CENTER OF DEVICE - SEE SPECIFICATIONS. CANDELA RATING AS REQUIRED TO MEET ADA COVERAGE REQUIREMENTS.

FIRE ALARM HORN/FLASHING LIGHT (ADA APPROVED), WALL MOUNTED AT +92" A.F.F. CENTER OF DEVICE - SEE SPECIFICATIONS. CANDELA RATING AS REQUIRED TO MEET ADA COVERAGE REQUIREMENTS.

CS — FIRE ALARM SPEAKER, CEILING MOUNTED - SEE SPECIFICATIONS.

WS — FIRE ALARM SPEAKER, WALL MOUNTED +92" A.F.F. CENTER OF DEVICE - SEE SPECIFICATIONS.

SF — FIRE ALARM SPEAKER/FLASHING LIGHT, WALL MOUNTED AT +92" A.F.F. CENTER OF DEVICE SEE SPECIFICATIONS.

PD — FIRE ALARM SMOKE DETECTOR, PHOTOELECTRIC TYPE, CEILING MOUNTED - SEE SPECIFICATIONS.

ID — FIRE ALARM SMOKE DETECTOR, IONIZATION TYPE, CEILING MOUNTED - SEE SPECIFICATIONS.

PD D — FIRE ALARM DUCT DETECTOR PHOTOELECTRIC TYPE - SEE SPECIFICATIONS.

ID D — FIRE ALARM DUCT DETECTOR, IONIZATION TYPE - SEE SPECIFICATIONS.

I — FIRE ALARM REMOTE L.E.D. INDICATOR.

HD — FIRE ALARM HEAT DETECTOR, CEILING MOUNTED - SEE SPECIFICATIONS.

FIRE ALARM MAGNETIC HOLD OPEN DEVICE - SEE SPECIFICATIONS.

FA—— FIRE ALARM BRANCH CIRCUIT PER FIRE ALARM WIRING DIAGRAMS & SPECIFICATIONS.

^ ^ FIRE ALARM END-OF-LINE RESISTOR - SEE SPECIFICATIONS.

SINGLE RECEPTACLE, WALL MOUNTED AT +18" A.F.F. OR AS NOTED.

DUPLEX RECEPTACLE, WALL MOUNTED AT +18" A.F.F. OR AS NOTED.

DOUBLE DUPLEX RECEPTACLE, WALL MOUNTED AT +18" A.F.F. OR AS NOTED.

DUPLEX RECEPTACLE, WALL MOUNTED AT +42" A.F.F. OR AS NOTED.

DOUBLE DUPLEX RECEPTACLE, WALL MOUNTED AT +42" A.F.F. OR AS NOTED.

DUPLEX RECEPTACLE, BOTTOM HALF SWITCHED, WALL MOUNTED AT +18" A.F.F. OR AS NOTED.

OS — CONTROLLED RECEPTACLE PER CALIFORNIA ENERGY CODE, WALL MOUNTED AT +18" A.F.F. OR AS NOTED. SHALL BE IDENTIFIED AS REQUIRED BY 130.5(d)(3).

DUPLEX RECEPTACLE FLUSH IN CEILING.

DOUBLE DUPLEX RECEPTACLE FLUSH IN FLOOR BOX WITH SERVICE FITTING. FIRE RATED POKE THROUGH FLOORBOX. PROVIDE AS HUBBLE SYSTEM ONE, VERIFY FINISH COLOR WITH ARCHITECT.

SPECIAL RECEPTACLE, WALL MOUNTED AT +18" A.F.F. OR AS NOTED. REFER TO PLAN NOTES.

DUPLEX RECEPTACLE, GFI, WALL MOUNTED AT +18"

DOUBLE DUPLEX RECEPTACLE, GFI, WALL MOUNTED AT +18"

DUPLEX, GFI, WALL MOUNTED AT +42"

DOUBLE DUPLEX, GFI, WALL MOUNTED AT +42"

JUNCTION BOX, WALL MOUNTED AT +18" A.F.F. OR AS NOTED. 4S/DP MINIMUM OR AS REQUIRED BY N.E.C..

J — JUNCTION BOX, MOUNTED IN ACCESSIBLE CEILING FOR APPLICATION DENOTED ON PLAN. 4S/DP MINIMUM OR AS REQUIRED BY N.E.C..

J-BOX — JUNCTION BOX, FLUSH IN FLOOR WITH SERVICE FITTING. SIZE AS REQUIRED BY N.E.C.

JUNCTION BOX, WALL MOUNTED AT 6" ABOVE COUNTER OR SPLASH. 4S/DP MINIMUM OR AS REQUIRED BY N.E.C..

JUNCTION BOX MOUNTED IN ACCESSIBLE CEILING SPACE WITH FLEXIBLE CONNECTION TO PREWIRED FURNITURE SYSTEM. VERIFY CONNECTION REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.

JUNCTION BOX, WALL MOUNTED AT +18" A.F.F. WITH FLEXIBLE CONNECTION TO PRE-WIRED FURNITURE SYSTEM. VERIFY CONNECTION REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.

FLUSH IN FLOOR JUNCTION BOX WITH FLEXIBLE CONNECTION TO PRE-WIRED FURNITURE SYSTEM. VERIFY CONNECTION REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
"P" = DESIGNATES PEDESTAL TYPE DEVICE.
"F" = DESIGNATES FIRE RATED POKE THROUGH.

FLOOR POKE THROUGH WITH FLEXIBLE CONNECTION TO PRE-WIRED FURNITURE SYSTEM. VERIFY CONNECTION REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.

SURFACE MOUNTED MULTI-OUTLET ASSEMBLY. REFER TO GENERAL PRODUCT SPECIFICATIONS. PROVIDE ALL COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION.

T — THERMOSTAT OUTLET BOX, PROVIDE 1/2"C.O. TO ACC. CLG. SPACE, BUSH ENDS.

EXHAUST FAN, OR MOTOR LOAD. REFER TO MECHANICAL, PLUMBING OR KITCHEN DRAWINGS FOR SPECIFIC LOAD REQUIREMENTS OR AS NOTED.

FLUSH MOUNTED ELECTRICAL PANELBOARD OR LOAD CENTER. REFER TO PANEL SCHEDULE.

SURFACE MOUNTED ELECTRICAL PANELBOARD OR LOAD CENTER. REFER TO PANEL SCHEDULE.

DISTRIBUTION SWITCHBOARD. REFER TO SINGLE LINE DIAGRAM.

T — TRANSFORMER, REFER TO SINGLE LINE DIAGRAM.

F — FUSED DISCONNECT SWITCH, HP RATED WITH FUSES PER EQUIPMENT MANUFACTURER AND WEATHERPROOF AS REQUIRED. PROVIDE FINAL CONNECTION TO UNIT EQUIPMENT.

NON-FUSED DISCONNECT SWITCH, HP RATED AND WEATHERPROOF AS REQUIRED. PROVIDE FINAL CONNECTION TO UNIT EQUIPMENT

M — UTILITY COMPANY METER. PROVIDE "CT's" AND "PT's" AS REQUIRED, REFER TO SINGLE LINE DIAGRAM.

CIRCUIT BREAKER

FUSIBLE SWITCH

GROUND CONNECTION, SIZE AS INDICATED OR AS REQUIRED.

P — PULLBOX, SIZED PER N.E.C. OR AS NOTED.

$a,b — SINGLE POLE SWITCHES, WALL MOUNTED AT +48" A.F.F. (MAX). SUBSCRIPTS AT SYMBOL INDICATE THE FOLLOWING:

2 - DOUBLE POLE	D - DIMMING
3 - THREE WAY	OS - OCCUPANCY SENSOR
K - KEY OPERATED	M - MOTOR STARTING
QS - seeTOUCH QS BUTTON	P - WIRELESS PICO KEYPAD

a, b, c, ETC. - DESIGNATES SWITCH LEG
SEE SHEET E4.1 FOR LIGHTING CONTROL DETAILS

OCCUPANCY SENSOR. SEE SHEET E6.2 FOR LIGHTING CONTROL DETAILS

DAYLIGHT SENSOR. SEE SHEET E6.2 FOR LIGHTING CONTROL DETAILS

POWER PACK. SEE SHEET E6.2 FOR LIGHTING CONTROL DETAILS

RECESSED FIXTURE IN ACCESSIBLE CEILING. REFER TO LIGHTING FIXTURE SCHEDULE.

RECESSED EMERGENCY FIXTURE IN ACCESSIBLE CEILING. REFER TO LIGHTING FIXTURE SCHEDULE.

SURFACE MOUNTED FIXTURE AND OUTLET BOX. REFER TO LIGHTING FIXTURE SCHEDULE.

SURFACE MOUNTED EMERGENCY FIXTURE AND OUTLET BOX. REFER TO LIGHTING FIXTURE SCHEDULE.

RECESSED FIXTURE IN HARD LID CEILING AND OUTLET BOX. REFER TO LIGHTING FIXTURE SCHEDULE.

RECESSED EMERGENCY FIXTURE IN HARD LID CEILING AND OUTLET BOX. REFER TO LIGHTING FIXTURE SCHEDULE.

RECESSED DOWNLIGHTING FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE.

RECESSED DOWNLIGHTING EMERGENCY FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE.

RECESSED WALL WASHING LIGHTING FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE.

SURFACE MOUNTED LIGHTING FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE.

SURFACE MOUNTED EMERGENCY LIGHTING FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE.

WALL MOUNTED LIGHTING FIXTURE AND OUTLET BOX. REFER TO LIGHTING FIXTURE SCHEDULE AND PLANS FOR MOUNTING HEIGHT.

STRIP LIGHTING FIXTURE AND OUTLET BOX. REFER TO LIGHTING FIXTURE SCHEDULE.

STRIP LIGHTING EMERGENCY FIXTURE AND OUTLET BOX. REFER TO LIGHTING FIXTURE SCHEDULE.

TRACK LIGHTING FIXTURE AND OUTLET BOX. REFER TO LIGHTING FIXTURE SCHEDULE. PROVIDE ALL COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION.

EXIT SIGN AND OUTLET BOX, CEILING MOUNTED, SHADING INDICATES DIRECTION AND NUMBER OF FACES, ARROWS AS REQUIRED. REFER TO LIGHTING FIXTURE SCHEDULE

EXIT SIGN AND OUTLET BOX, WALL MOUNTED, SHADING INDICATES DIRECTION AND NUMBER OF FACES, ARROWS AS REQUIRED. REFER TO LIGHTING FIXTURE SCHEDULE.

LL — LOW-LEVEL EXIT SIGN AND OUTLET BOX, WALL MOUNTED. REFER TO LIGHTING FIXTURE SCHEDULE.

SURFACE MOUNTED EMERGENCY LIGHTING UNIT WITH 90 MIN. EMERGENCY BATTERY PACK. REFER TO LIGHTING FIXTURE SCHEDULE.

POLE MOUNTED LIGHTING FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE.

POST MOUNTED OR BOLLARD LIGHTING FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE.

WALL MOUNTED DIMMER AT +48" A.F.F. (MAX). SEE SWITCHES FOR SUBSCRIPTS.

SHOWN, SURFACE MOUNTED.

OCCUPANCY SENSOR WITH SWITCHPACK AND OUTLET BOX, 1-WAY DIRECTIONAL AS SHOWN, SURFACE MOUNTED.

OCCUPANCY SENSOR WITH SWITCHPACK AND OUTLET BOX, 2-WAY DIRECTIONAL AS OCCUPANCY SENSOR, WALL MOUNTED AT +48" A.F.F. MAXIMUM.

J — REQUIRED.

A-1,3,5 — HOME RUN TO PANEL. LETTER DESIGNATES PANEL, NUMBERS INDICATE CIRCUITS. INDICATES FINAL CONNECTION TO A LIGHTING FIXTURE, NUMBER OF CONDUCTORS AS UNLESS OTHERWISE NOTED.

HASH MARKS INDICATE NUMBER OF CONDUCTORS IN CONDUIT RUN, #12 AWG MINIMUM

A-1+3+5 — HOME RUN TO PANEL. LETTER DESIGNATES PANEL, NUMBERS INDICATE CIRCUITS, "+" INDICATES SEPARATE #10 NEUTRAL THROUGHOUT BRANCH CIRCUIT. HASH MARK " INDICATES AN ISOLATED GROUND CONDUCTOR.

CONCEALED BRANCH CIRCUIT UNLESS OTHERWISE NOTED.

CONDUIT RUN CONCEALED BELOW GRADE, 3/4"C MINIMUM WITH CODE SIZED EQUIPMENT GROUND.

TANDEM WIRING CONNECTION. REFER TO TANDEM WIRING DETAIL.

CONDUIT STUB OUT, CAP, MARK AND RECORD.

CONDUIT CONTINUATION.

INDICATES FLEXIBLE CONNECTION TO EQUIPMENT. NUMBER OF CONDUCTORS AS REQUIRED.

A 2 — LIGHTING FIXTURE CALL OUT, "3" INDICATES FIXTURE TYPE (REFER TO LIGHTING FOR BRANCH CIRCUIT PURPOSES ONLY, NOT FOR MATERIAL TAKE-OFF).

"A" — FIXTURE SCHEDULE), NUMBER ADJACENT INDICATES QUANTITIES (NUMBER IS SHOWN PANEL CALLOUT, "A" INDICATES PANELBOARD OR EQUIPMENT DESIGNATION.

AC 1 — MECHANICAL EQUIPMENT CALLOUT, "AC" INDICATES UNIT TYPE AND "2" INDICATES UNIT NUMBER. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION AND ELECTRICAL REQUIREMENTS.

1 — PLAN NOTE REFERENCE, REFER TO NOTES ON SHEET, OR AS DIRECTED.

A — REVISION REFERENCE.

WYE CONFIGURATION — DELTA CONFIGURATION

GROUND

CR — UP 6" ABOVE THE ACCESSIBLE CEILING AND PROVIDE A BUSHING.
CARD READER OUTLET WALL MOUNTED AT +42" A.F.F. (MINIMUM), STUB A 3/4"C.O.

SD — SURFACE CEILING MTD. DUAL IONIZATION SMOKE DETECTOR, 120V., WITH BATTERY BACKUP. ELECTRONICS # 9120B OR EQUAL.

CSD — BACK UP, DUAL IONIZATION SMOKE DETECTOR AND ELECTROCHEMICAL CARBON MONOXIDE DETECTOR. BRK ELECTRONICS # SC9120B OR EQUAL. COMBINATION SMOKE ALARM / CARBON MONOXIDE DETECTOR 120V., WITH BATTERY

Project

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Issuance

No.	Description	Date
1	CONSTRUCTION	03/07
	DOCUMENTS	2022

Drawn By: KS
Checked By: JB
Project No. 1335

Drawing Title
ELECTRICAL GENERAL INFORMATION

Drawing Scale:

Stamp
STATE OF LOUISIANA
JIM RONALD BASQUETTE
License No. 43385
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING
James Basquette
Digitally signed by James Basquette
DN: C=US, E=jimbasquette@yahoo.com, O=RTM Engineering Consultants, CN=James Basquette
Date: 2022.03.08 09:09:25-06'00'

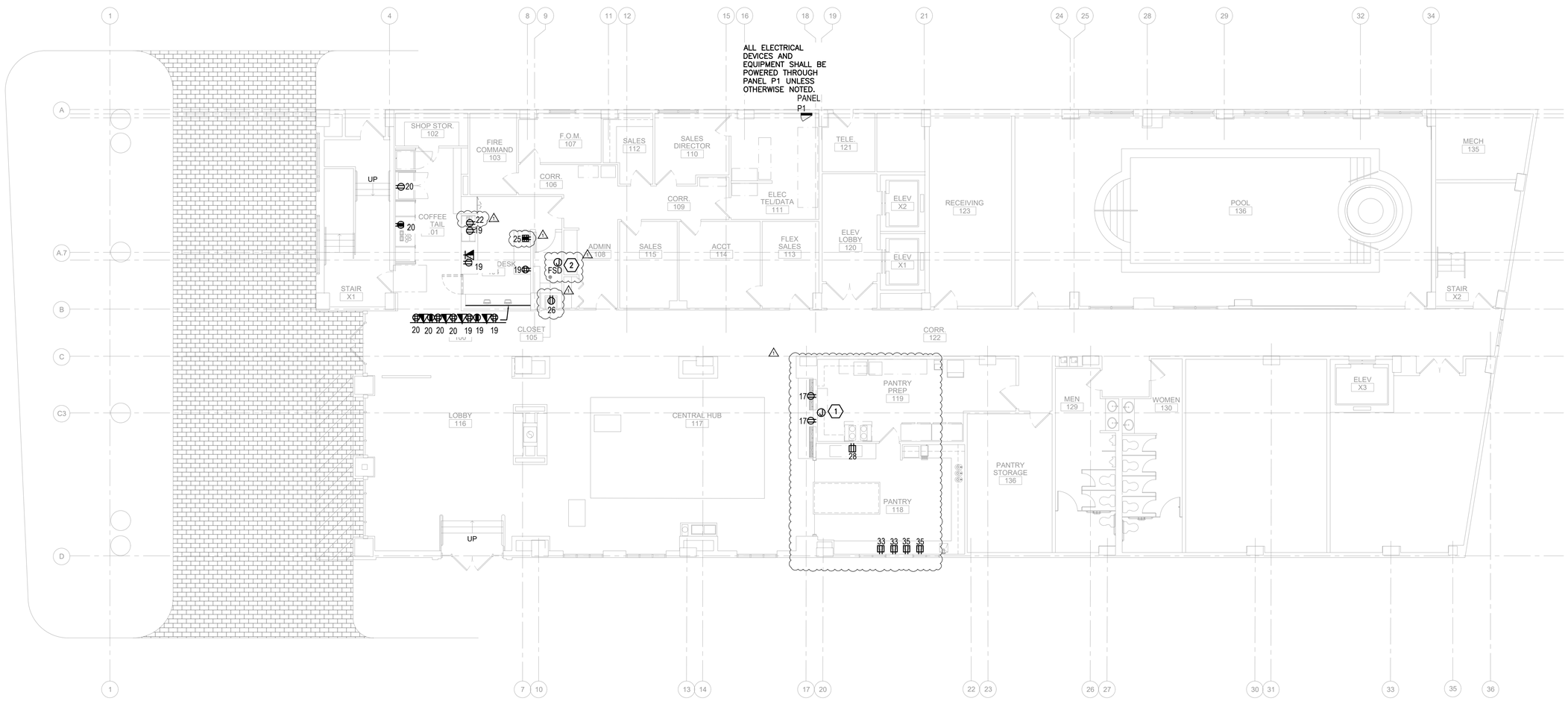
E0.01
Drawing Number

GENERAL NOTES

1. RECEPTACLES AND DATA OUTLETS TO BE MOUNTED AT +18" AFF UNLESS NOTED OTHERWISE. VERIFY FINAL DEVICE MOUNTING HEIGHT AND RELATIVE PLACEMENT WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
2. TIE BACK ALL LOOSE WIRING (INCLUDING LOW VOLTAGE) IN AN ORDERLY FASHION.
3. ALL LOW VOLTAGE DEVICES AND WIRING SHALL BE INSTALLED BY A LOW VOLTAGE CONTRACTOR. ELECTRICAL CONTRACTOR SHALL ONLY PROVIDE DEVICE ROUGH-IN BOX AND 1-3/4" EMPTY CONDUIT FROM DEVICE BOX UP TO ACCESSIBLE CEILING SPACE.
4. IN AREAS WHERE THERE WILL BE NO CEILING, CONDUIT SHALL BE CONTINUOUS.
5. POWER OUTLETS MUST BE PROPERLY ALIGNED BETWEEN STUDS USING CADDY BRACKET WITH SPACING FOR (3) 4X4 JBOXES.
6. ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
7. CONDUCTOR INSULATION TYPE SHALL BE THW/THWN.
8. WIRE OF #8 AND LARGER SHALL BE STRANDED. WIRE OF #10 AND SMALLER SHALL BE SOLID.
9. CONTRACTOR SHALL COORDINATE FINAL ATTACHMENT REQUIREMENTS FOR ALL ELECTRICAL AND LOW VOLTAGE DEVICES LOCATED WITHIN FURNITURE.
10. ALL RECEPTACLES SHALL BE TAMPER RESISTANT PER 2014 NEC.

KEY NOTES

1. RELOCATE KEGERATOR TO BEHIND NEW SELF SERVE TAP WALL.
2. EXISTING FIRE SMOKE DAMPER TO BE REPLACED. RECONNECT TO EXISTING CIRCUIT.



1 ELECTRICAL FIRST LEVEL POWER PLAN

0 4' 8' 16' 24'
1/8" = 1'-0"

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Issuance

No.	Description	Date
1	CONSTRUCTION	03/07
	DOCUMENTS	2022

Drawn By: KS
Checked By: JB
Project No. 1335

Drawing Title

ELECTRICAL FIRST LEVEL POWER PLAN

Drawing Scale:

Stamp

STATE OF LOUISIANA
JIM RONALD BASQUETTE
License No. 43385
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING
James Basquette

E1.00

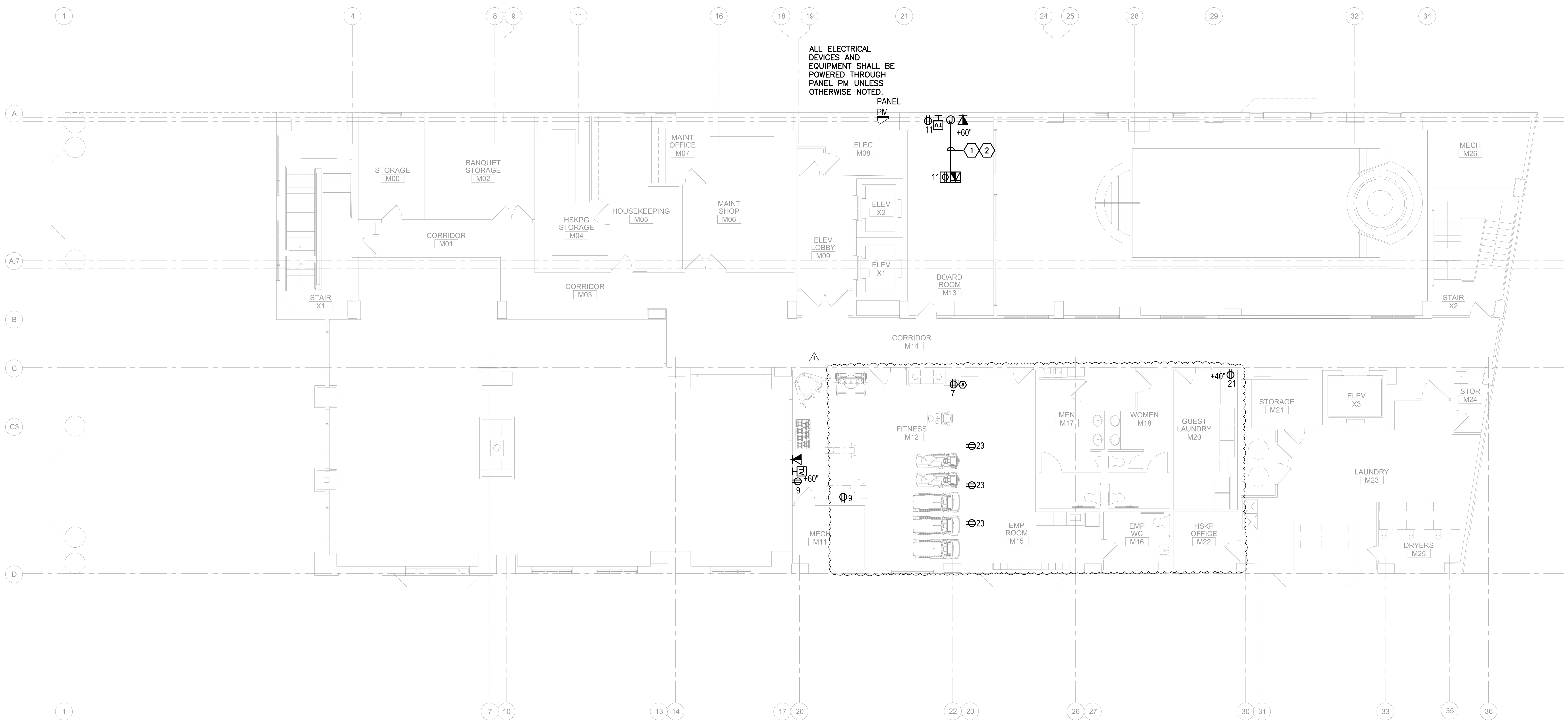
Drawing Number

GENERAL NOTES

1. ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE POWERED THROUGH PANEL 1LA UNLESS OTHERWISE NOTED. NUMBER TAGGED INDICATES CIRCUIT DESIGNATION.
2. RECEPTACLES AND DATA OUTLETS TO BE MOUNTED AT +18" AFF UNLESS NOTED OTHERWISE. VERIFY FINAL DEVICE MOUNTING HEIGHT AND RELATIVE PLACEMENT WITH OWNER/ARCHITECT PRIOR TO ROUGH–IN.
3. TIE BACK ALL LOOSE WIRING (INCLUDING LOW VOLTAGE) IN AN ORDERLY FASHION.
4. ALL LOW VOLTAGE DEVICES AND WIRING SHALL BE INSTALLED BY A LOW VOLTAGE CONTRACTOR. ELECTRICAL CONTRACTOR SHALL ONLY PROVIDE DEVICE ROUGH–IN BOX AND 1–3/4" EMPTY CONDUIT FROM DEVICE BOX UP TO ACCESSIBLE CEILING SPACE.
5. IN AREAS WHERE THERE WILL BE NO CEILING, CONDUIT SHALL BE CONTINUOUS.
6. POWER OUTLETS MUST BE PROPERLY ALIGNED BETWEEN STUDS USING CADDY BRACKET WITH SPACING FOR (3) 4X4 JBOXES.
7. ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
8. CONDUCTOR INSULATION TYPE SHALL BE THW/THWN.
9. WIRE OF #8 AND LARGER SHALL BE STRANDED. WIRE OF #10 AND SMALLER SHALL BE SOLID.
10. CONTRACTOR SHALL COORDINATE FINAL ATTACHMENT REQUIREMENTS FOR ALL ELECTRICAL AND LOW VOLTAGE DEVICES LOCATED WITHIN FURNITURE.
11. ALL RECEPTACLES SHALL BE TAMPER RESISTANT PER 2014 NEC.

KEY NOTES

1. (1) 3/4"C FOR POWER, (1) 1/2"C FOR DATA/VIDEO CABLES WITH PULL STRING. TERMINATE POWER & DATA IN ACCESSIBLE CEILING WITH PLASTIC BUSHINGS. TERMINATE VIDEO CABLING IN WALL MOUNTED VIDEO BACK BOX.
2. HUBBLE SYSTEM ONE S1PT3IMXX FLOOR BOX TO BE INSTALLED IN POST–TENSION SLAB. PROVIDE WITH FLUSH MOUNT COVER. CONTRACTOR SHALL X–RAY FLOOR PRIOR TO INSTALLATION. (revision 1)
3. PROVIDE WITH ACCESSIBLE GFCI RESET BUTTON.



1 ELECTRICAL MEZZANINE LEVEL POWER PLAN

0 4' 8' 16' 24'

1/8" = 1'–0"

Project

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New Orleans, LA

Group One PARTNERS
21 W 3rd St, Boston, MA 02127

rtm engineering consultants

Issuance

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	03/07 2022

Drawn By: KS

Checked By: JB

Project No. 1335

Drawing Title

ELECTRICAL MEZZANINE LEVEL POWER PLAN

Drawing Scale:

Stamp

STATE OF LOUISIANA
JIM RONALD BASQUETTE
License No. 43385
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING
James Basquette

E1.01

Drawing Number

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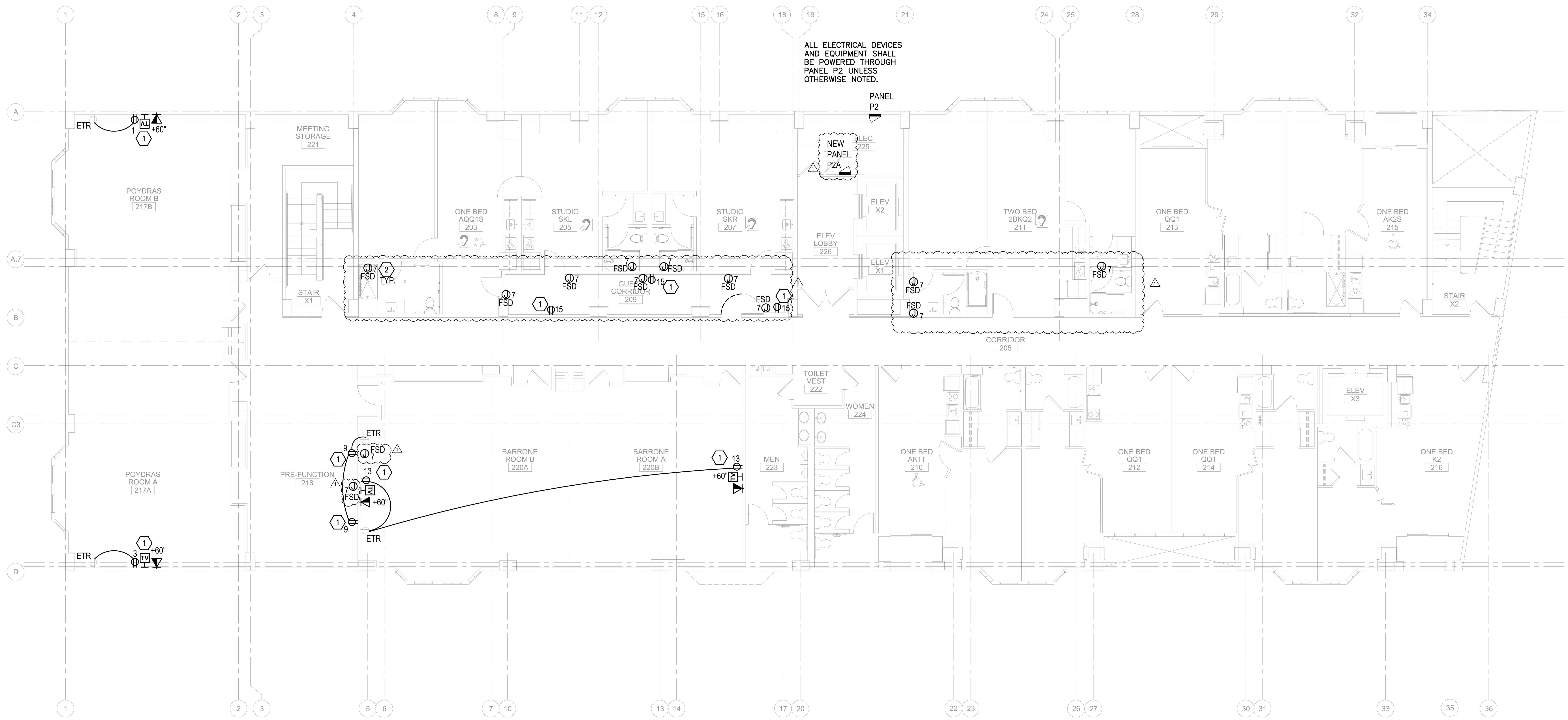
GENERAL NOTES

1. ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE POWERED THROUGH PANEL 1LA UNLESS OTHERWISE NOTED. NUMBER TAGGED INDICATES CIRCUIT DESIGNATION.
2. RECEPTACLES AND DATA OUTLETS TO BE MOUNTED AT +18" AFF UNLESS NOTED OTHERWISE. VERIFY FINAL DEVICE MOUNTING HEIGHT AND RELATIVE PLACEMENT WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
3. TIE BACK ALL LOOSE WIRING (INCLUDING LOW VOLTAGE) IN AN ORDERLY FASHION.
4. ALL LOW VOLTAGE DEVICES AND WIRING SHALL BE INSTALLED BY A LOW VOLTAGE CONTRACTOR. ELECTRICAL CONTRACTOR SHALL ONLY PROVIDE DEVICE ROUGH-IN BOX AND 1-3/4" EMPTY CONDUIT FROM DEVICE BOX UP TO ACCESSIBLE CEILING SPACE.
5. IN AREAS WHERE THERE WILL BE NO CEILING, CONDUIT SHALL BE CONTINUOUS.
6. POWER OUTLETS MUST BE PROPERLY ALIGNED BETWEEN STUDS USING CADDY BRACKET WITH SPACING FOR (3) 4X4 JBOXES.
7. ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
8. CONDUCTOR INSULATION TYPE SHALL BE THW/THWN.
9. WIRE OF #8 AND LARGER SHALL BE STRANDED. WIRE OF #10 AND SMALLER SHALL BE SOLID.
10. CONTRACTOR SHALL COORDINATE FINAL ATTACHMENT REQUIREMENTS FOR ALL ELECTRICAL AND LOW VOLTAGE DEVICES LOCATED WITHIN FURNITURE.
11. ALL RECEPTACLES SHALL BE TAMPER RESISTANT PER 2014 NEC.

KEY NOTES

1. CONNECT TO EXISTING RECEPTACLE CIRCUIT SERVING ROOM.
2. 120V CONNECTION FOR FIRE SMOKE DAMPER. PROVIDE CIRCUIT BREAKER LOCK. TYPICAL OF 13.



1 ELECTRICAL SECOND LEVEL POWER PLAN

0 4' 8' 16' 24'

1/8" = 1'-0"

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No.	Description	Date
1	CONSTRUCTION DOCUMENTS	03/07 2022

Drawn By: KS

Checked By: JB

Project No. 1335

Drawing Title

ELECTRICAL SECOND LEVEL POWER PLAN

Drawing Scale:

Stamp

STATE OF LOUISIANA
JIM RONALD BASQUETTE
PROFESSIONAL ENGINEER

E1.02

Drawing Number

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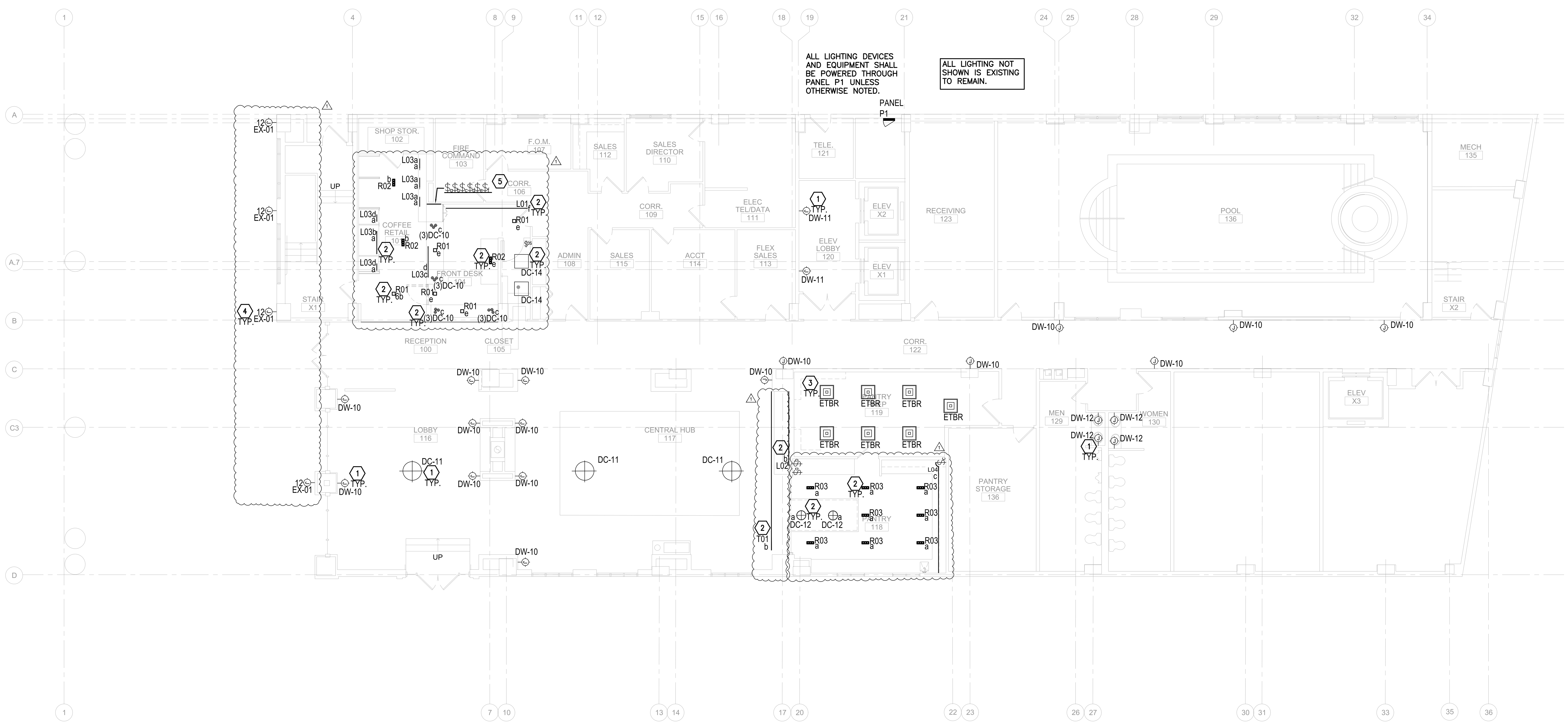
GENERAL NOTES

1. ALL LIGHT FIXTURES SHALL BE POWERED THROUGH PANEL 1HA UNLESS OTHERWISE NOTED. NUMBER TAGGED INDICATES CIRCUIT DESIGNATION.
2. SEE SHEET E4.0 FOR LIGHTING FIXTURE SCHEDULE.
3. SEE SHEETS E4.1 & E4.2 FOR LIGHTING CONTROLS DETAILS, INCLUDING SPECIFICATIONS AND SEQUENCE OF OPERATIONS.
4. COORDINATE ALL LIGHTING LAYOUTS AND INSTALLATION WITH ARCHITECTURAL/INTERIOR DESIGN REFLECTED CEILING PLANS.
5. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT FIXTURE FINISH AND COLOR TEMPERATURE.
6. CONTRACTOR SHALL VERIFY EXACT LOCATION, FACE(S) AND ARROW(S) OF EXIT SIGNS WITH ARCHITECTURAL DRAWINGS.
7. PROVIDE ALL ADDITIONAL HARDWARE FOR FIXTURE MOUNTING AS REQUIRED FOR COMPLETE AND OPERATIONAL INSTALLATION.
8. PROVIDE ALL NECESSARY TRIM KITS, MOUNTING BRACKETS, LAMPS AND MOUNTING ACCESSORIES FOR COMPLETE INSTALLATION.
9. CONTRACTOR SHALL PROVIDE ALL NECESSARY COMPONENTS FOR LIGHTING CONTROL AS SHOWN ON DRAWINGS.
10. ALL EXIT AND EMERGENCY FIXTURES SHALL BE CONNECTED TO LOCAL EMERGENCY CIRCUIT, PANEL '6EL'. EXTEND WIRING AND CONDUIT AS REQUIRED FOR FIXTURE CONNECTIONS.
11. CONNECT ALL FIXTURES TO EXISTING POWER/CONTROLS CIRCUITS.

KEY NOTES

1. NEW LIGHT FIXTURE SHALL BE INSTALLED IN PLACE OF EXISTING. CONNECT TO EXISTING LIGHTING AND CONTROLS CIRCUIT.
2. NEW LIGHT FIXTURES TO BE CONNECTED TO EXISTING CIRCUIT SERVING THE ROOM. CONNECT TO NEW WALL SWITCH.
3. RELOCATED LIGHT FIXTURE. RECONNECT TO EXISTING POWER AND CONTROLS CIRCUITS SERVING EXISTING FIXTURE.
4. NEW EXTERIOR LIGHT FIXTURES TO BE CONTROLLED VIA TIME CLOCK. COORDINATE SCHEDULE WITH OWNER.
5. PROVIDE LIGHT SWITCHES WITH ON/OFF AND RAISE/LOWER CAPABILITIES.



1 ELECTRICAL FIRST LEVEL LIGHTING PLAN

0 4' 8' 16' 24'

1/8" = 1'-0"

Project

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Issuance

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	03/07 2022

Drawn By: KS

Checked By: JB

Project No. 1335

Drawing Title

ELECTRICAL FIRST LEVEL LIGHTING PLAN

Drawing Scale:

Stamp

STATE OF LOUISIANA
JIM RONALD BASQUETTE
License No. 43385
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING

James Basquette

E2.00

Drawing Number

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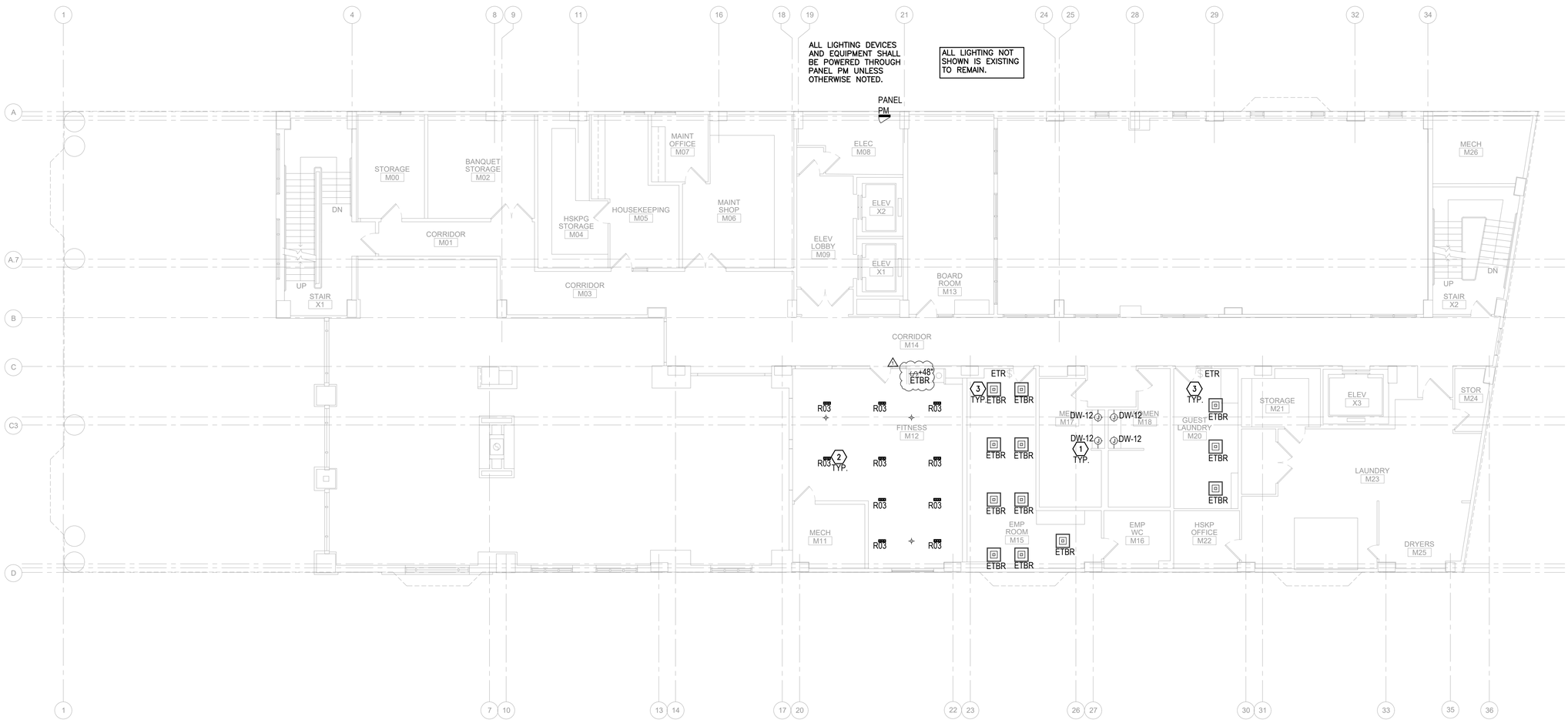
GENERAL NOTES

1. ALL LIGHT FIXTURES SHALL BE POWERED THROUGH PANEL 1HA UNLESS OTHERWISE NOTED. NUMBER TAGGED INDICATES CIRCUIT DESIGNATION.
2. SEE SHEET E4.0 FOR LIGHTING FIXTURE SCHEDULE.
3. SEE SHEETS E4.1 & E4.2 FOR LIGHTING CONTROLS DETAILS, INCLUDING SPECIFICATIONS AND SEQUENCE OF OPERATIONS.
4. COORDINATE ALL LIGHTING LAYOUTS AND INSTALLATION WITH ARCHITECTURAL/INTERIOR DESIGN REFLECTED CEILING PLANS.
5. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT FIXTURE FINISH AND COLOR TEMPERATURE.
6. CONTRACTOR SHALL VERIFY EXACT LOCATION, FACE(S) AND ARROW(S) OF EXIT SIGNS WITH ARCHITECTURAL DRAWINGS.
7. PROVIDE ALL ADDITIONAL HARDWARE FOR FIXTURE MOUNTING AS REQUIRED FOR COMPLETE AND OPERATIONAL INSTALLATION.
8. PROVIDE ALL NECESSARY TRIM KITS, MOUNTING BRACKETS, LAMPS AND MOUNTING ACCESSORIES FOR COMPLETE INSTALLATION.
9. CONTRACTOR SHALL PROVIDE ALL NECESSARY COMPONENTS FOR LIGHTING CONTROL AS SHOWN ON DRAWINGS.
10. ALL EXIT AND EMERGENCY FIXTURES SHALL BE CONNECTED TO LOCAL EMERGENCY CIRCUIT, PANEL "6E1". EXTEND WIRING AND CONDUIT AS REQUIRED FOR FIXTURE CONNECTIONS.
11. CONNECT ALL FIXTURES TO EXISTING POWER/CONTROLS CIRCUITS.

KEY NOTES

1. NEW LIGHT FIXTURE SHALL BE INSTALLED IN PLACE OF EXISTING. CONNECT TO EXISTING LIGHTING AND CONTROLS CIRCUIT.
2. NEW LIGHT FIXTURES TO BE CONNECTED TO EXISTING CIRCUIT SERVING THE ROOM. CONNECT TO NEW WALL SWITCH.
3. RELOCATED LIGHT FIXTURE. RECONNECT TO EXISTING POWER AND CONTROLS CIRCUITS SERVING EXISTING FIXTURE.



1 MEZZANINE FLOOR - ELECTRICAL LIGHTING PLAN

0 4' 8' 16' 24'
1/8" = 1'-0"

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T: 407.678.2055 : www.rtmec.com

Issuance

No.	Description	Date
1	CONSTRUCTION	03/07
	DOCUMENTS	2022

Drawn By: KS

Checked By: JB

Project No. 1335

Drawing Title

ELECTRICAL MEZZANINE LEVEL LIGHTING PLAN

Drawing Scale:

Stamp

STATE OF LOUISIANA
JIM RONALD BASQUETTE
License No. 43365
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING

James Basquette

E2.01

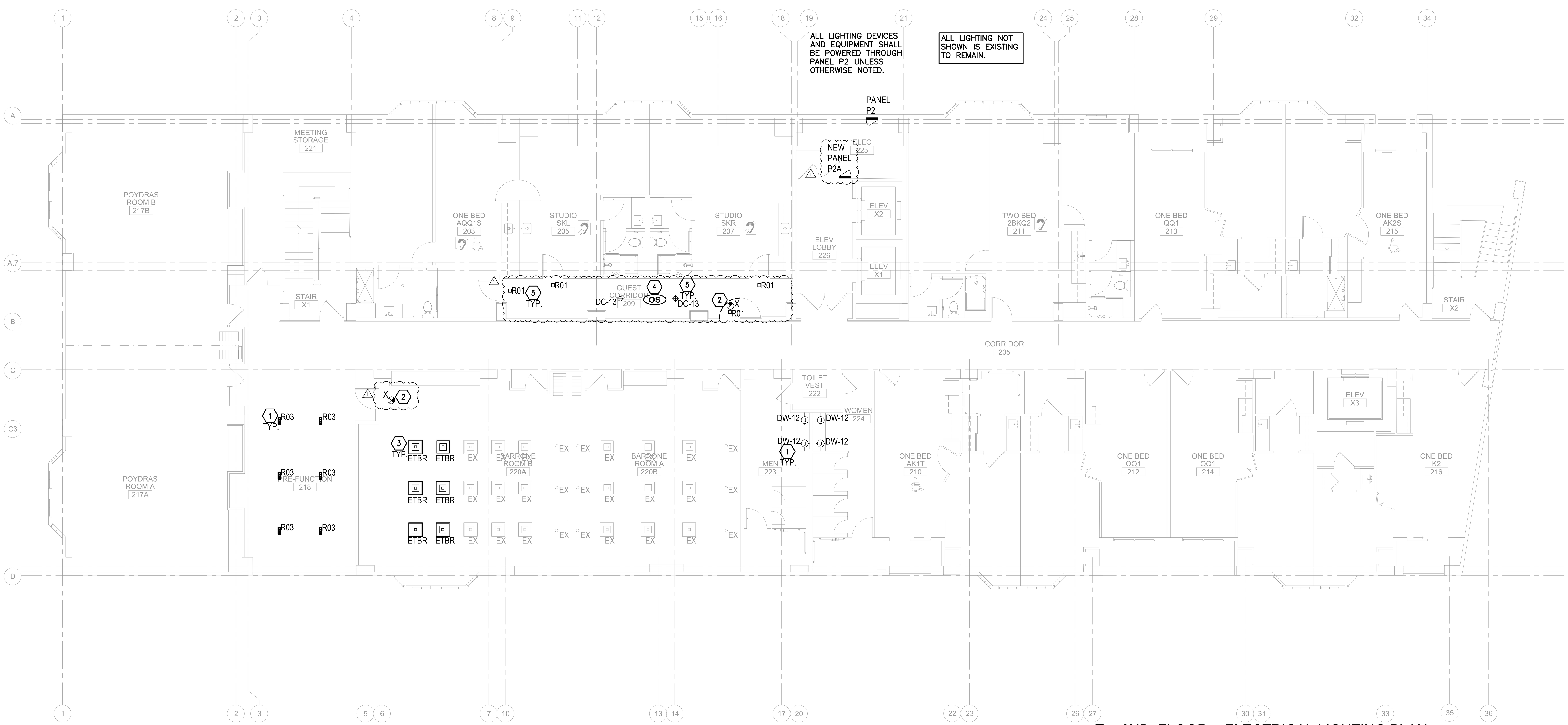
Drawing Number

GENERAL NOTES

1. ALL LIGHT FIXTURES SHALL BE POWERED THROUGH PANEL 1HA UNLESS OTHERWISE NOTED. NUMBER TAGGED INDICATES CIRCUIT DESIGNATION.
2. SEE SHEET E4.0 FOR LIGHTING FIXTURE SCHEDULE.
3. COORDINATE ALL LIGHTING LAYOUTS AND INSTALLATION WITH ARCHITECTURAL/INTERIOR DESIGN REFLECTED CEILING PLANS.
4. CONTRACTOR SHALL COORDINATE WITH MANUFACTURER'S REPRESENTATIVE FOR EXACT LOCATION OF OCCUPANCY SENSOR AND AIMING FOR BEST COVERAGE PRIOR TO ROUGH–IN WORK.
5. COORDINATE WITH MECHANICAL CONTRACTOR FOR DIFFUSER LOCATION. OCCUPANCY SENSORS SHALL BE LOCATED (4) FEET MINIMUM AWAY FROM DIFFUSER. COORDINATE WITH MANUFACTURER'S REPRESENTATIVE.
6. COORDINATE WITH ARCHITECTURAL PLANS FOR EXACT FIXTURE FINISH AND COLOR TEMPERATURE.
7. CONTRACTOR SHALL VERIFY EXACT LOCATION, FACE(S) AND ARROW(S) OF EXIT SIGNS WITH ARCHITECTURAL DRAWINGS.
8. PROVIDE ALL ADDITIONAL HARDWARE FOR FIXTURE MOUNTING AS REQUIRED FOR COMPLETE AND OPERATIONAL INSTALLATION.
9. PROVIDE ALL NECESSARY TRIM KITS, MOUNTING BRACKETS, LAMPS AND MOUNTING ACCESSORIES FOR COMPLETE INSTALLATION.
10. CONTRACTOR SHALL PROVIDE ALL NECESSARY COMPONENTS FOR LIGHTING CONTROL AS SHOWN ON DRAWINGS.
11. ALL EXIT AND EMERGENCY FIXTURES SHALL BE CONNECTED TO LOCAL EMERGENCY CIRCUIT, PANEL '6EL'. EXTEND WIRING AND CONDUIT AS REQUIRED FOR FIXTURE CONNECTIONS.

KEY NOTES

1. NEW FIXTURE SHALL BE INSTALLED AND CONNECTED TO EXISTING CORRIDOR LIGHTING AND CONTROLS CIRCUIT.
2. CONNECT TO LOCAL LIGHTING CIRCUIT SERVING ROOM AHEAD OF CONTROLS.
3. RELOCATED LIGHT FIXTURE. RECONNECT TO LOCAL POWER AND CONTROLS CIRCUITS SERVING SPACE.
4. LIGHTING IN GUEST CORRIDOR SHALL BE CONTROLLED BY CEILING MOUNTED OCCUPANCY SENSOR. LIGHTS SHALL DIM TO 50% OUTPUT IN UNOCCUPIED STATE.
5. CONNECT FIXTURE TO EXISTING CIRCUIT SERVING CORRIDOR. PROVIDE OCCUPANCY SENSOR AS SHOWN.



1 2ND FLOOR - ELECTRICAL LIGHTING PLAN

0 4' 8' 16' 24'

1/8" = 1'-0"

Project

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Issuance

No.	Description	Date
1	CONSTRUCTION	03/07
	DOCUMENTS	2022

Drawn By: KS

Checked By: JB

Project No. 1335

Drawing Title

ELECTRICAL SECOND LEVEL LIGHTING PLAN

Drawing Scale:

Stamp

STATE OF LOUISIANA
JIM RONALD BASQUETTE
License No. 43385
PROFESSIONAL ENGINEER IN ELECTRICAL ENGINEERING

James Basquette

E2.02

Drawing Number

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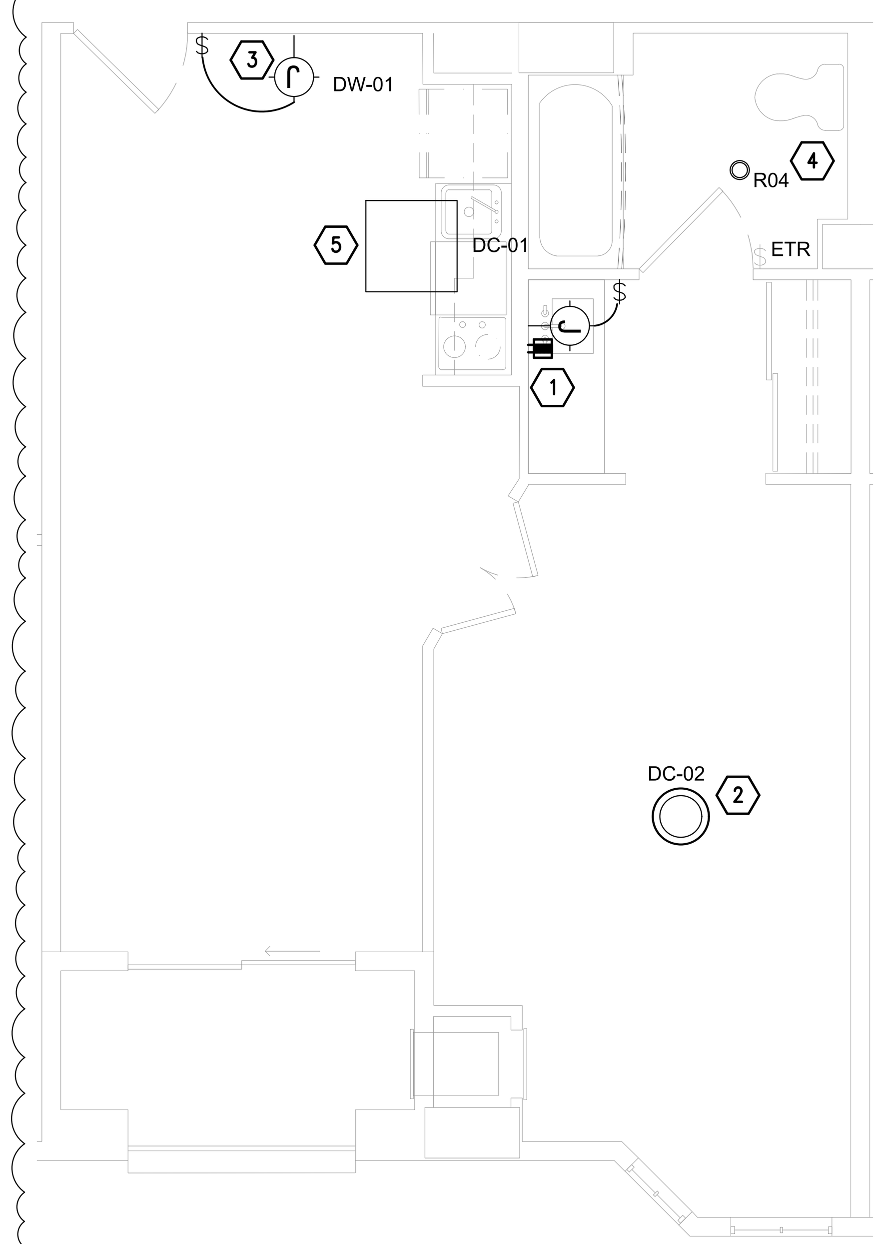
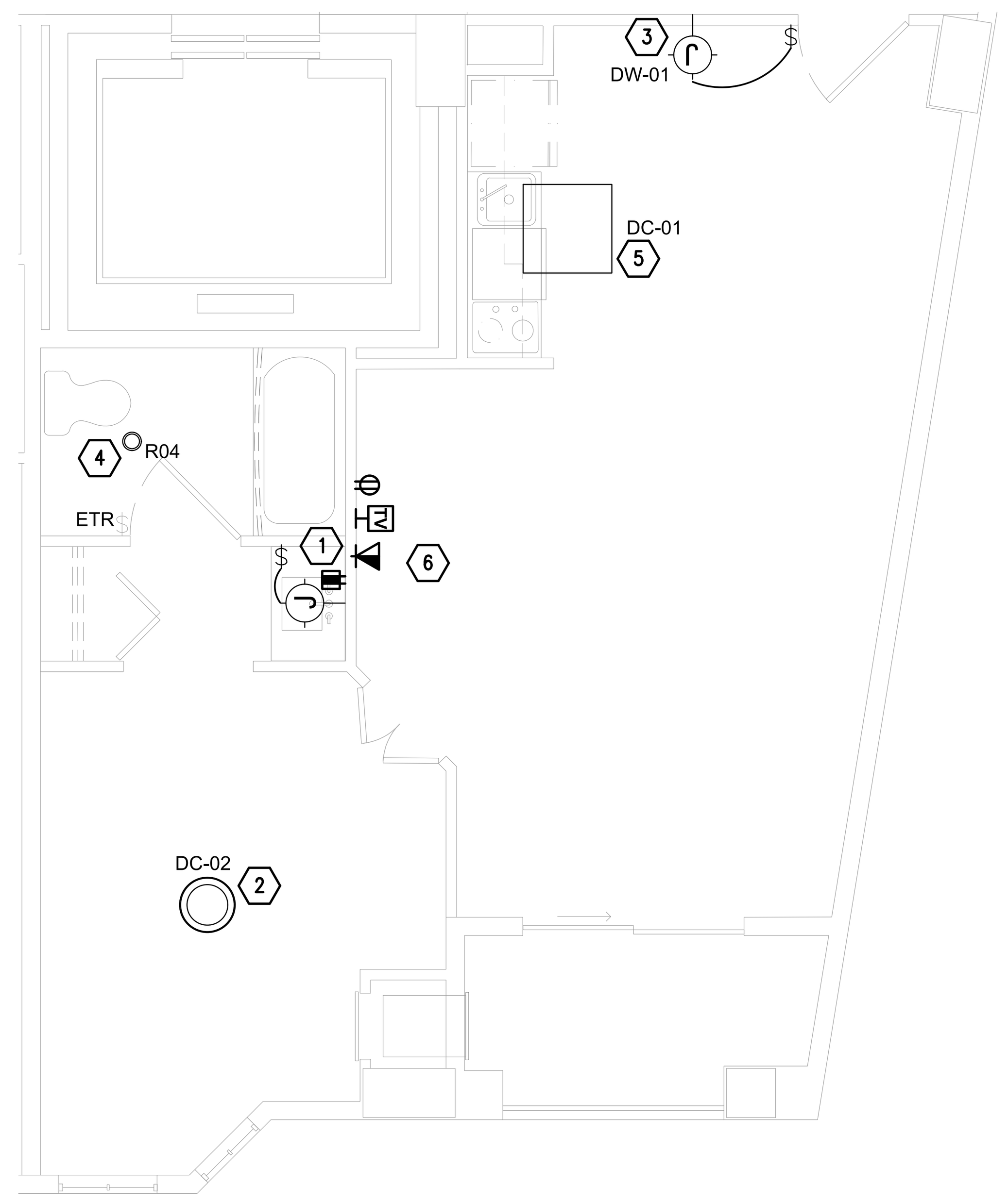
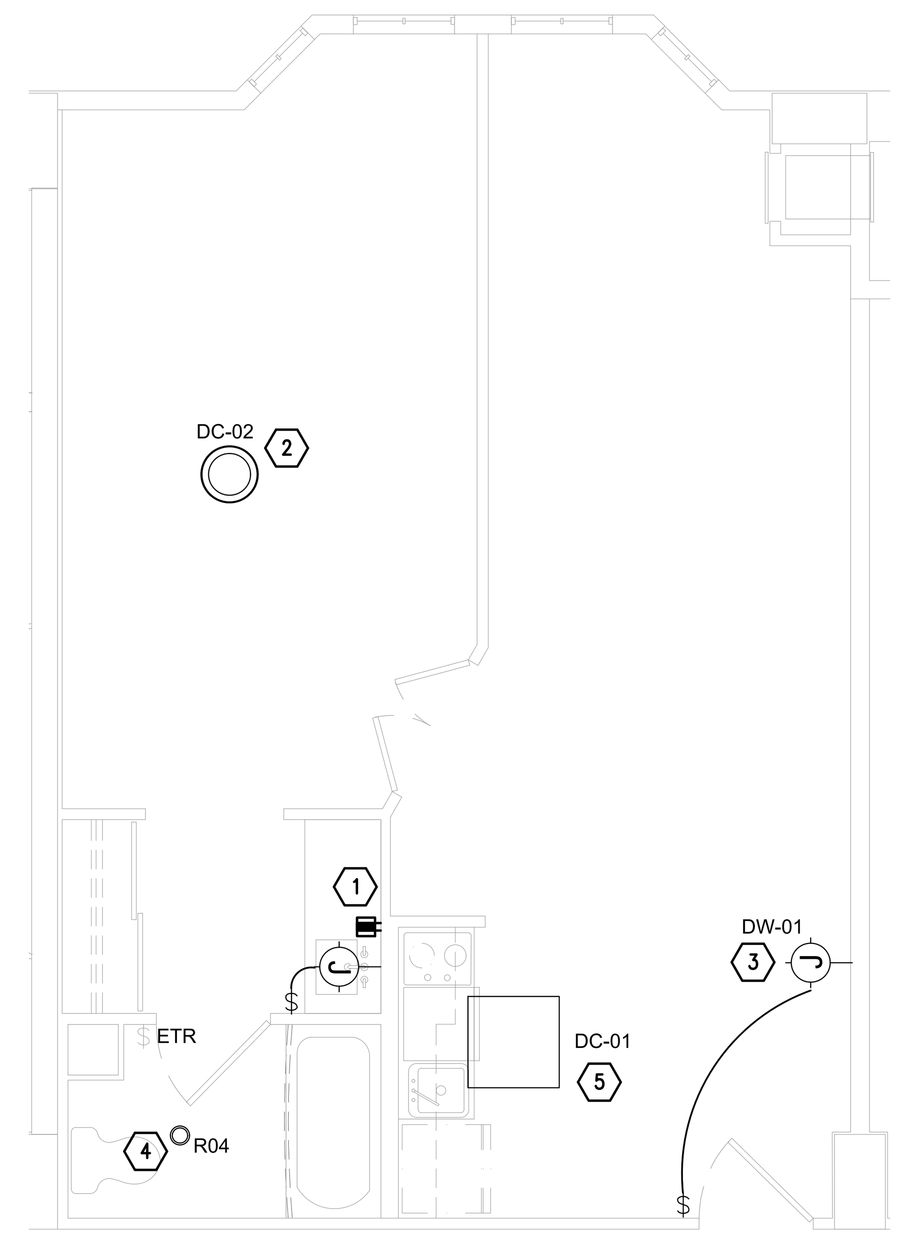


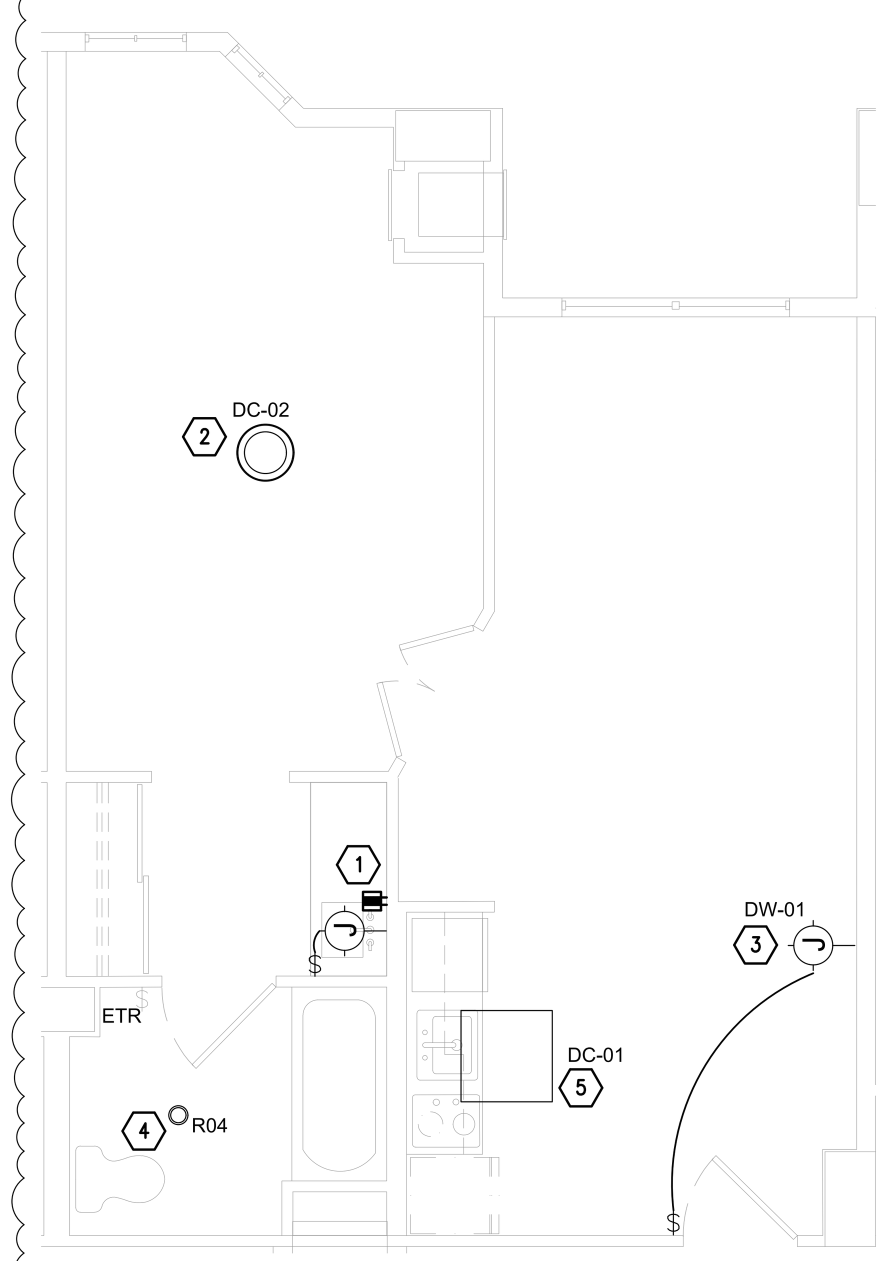
1 K1 - TYPICAL KING (RIGHT SHOWN) QTY: 24
SCALE: 1/4" = 1' RM 702 SHOWN LEFT QTY: 23



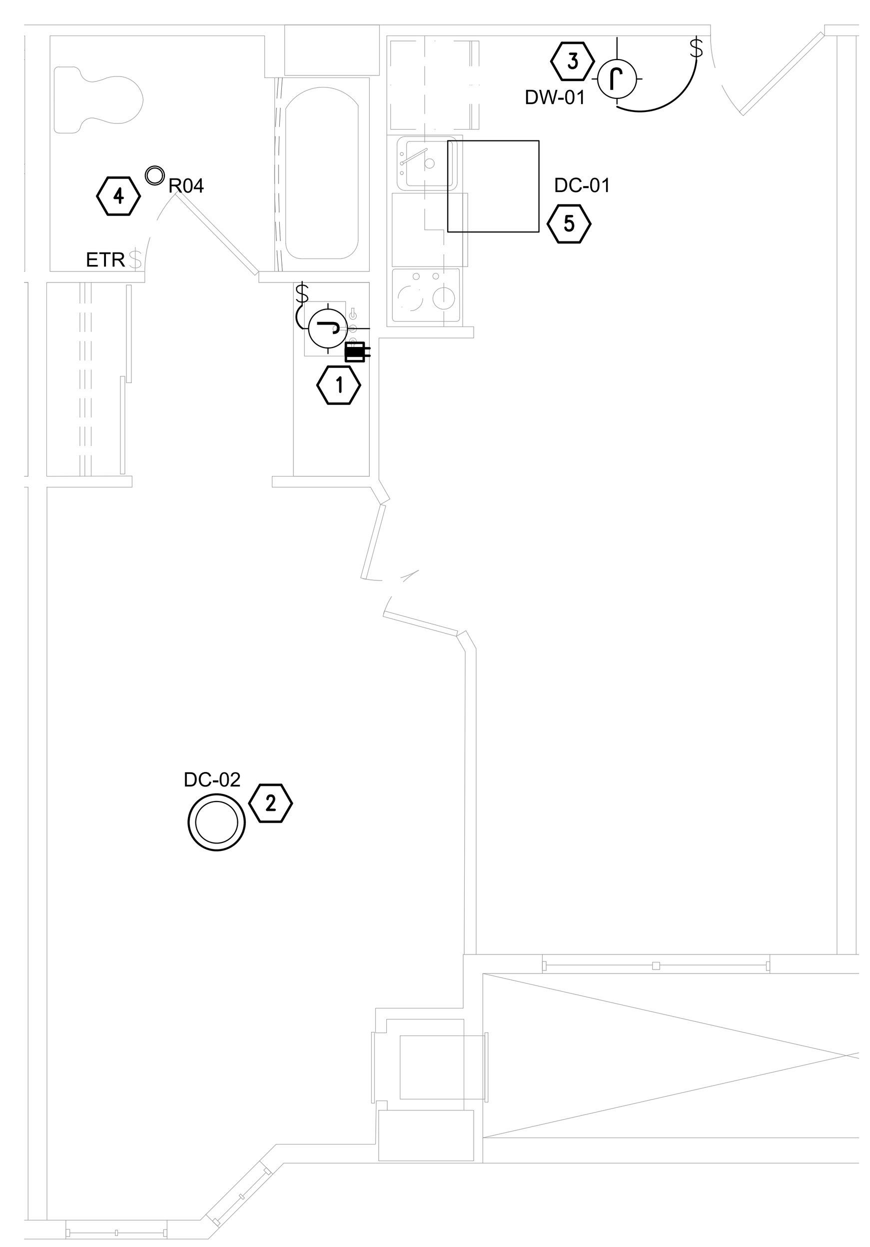
2 K2 - KING W/ SLANTED WALL QTY: 11
SCALE: 1/4" = 1' RM 216 SHOWN



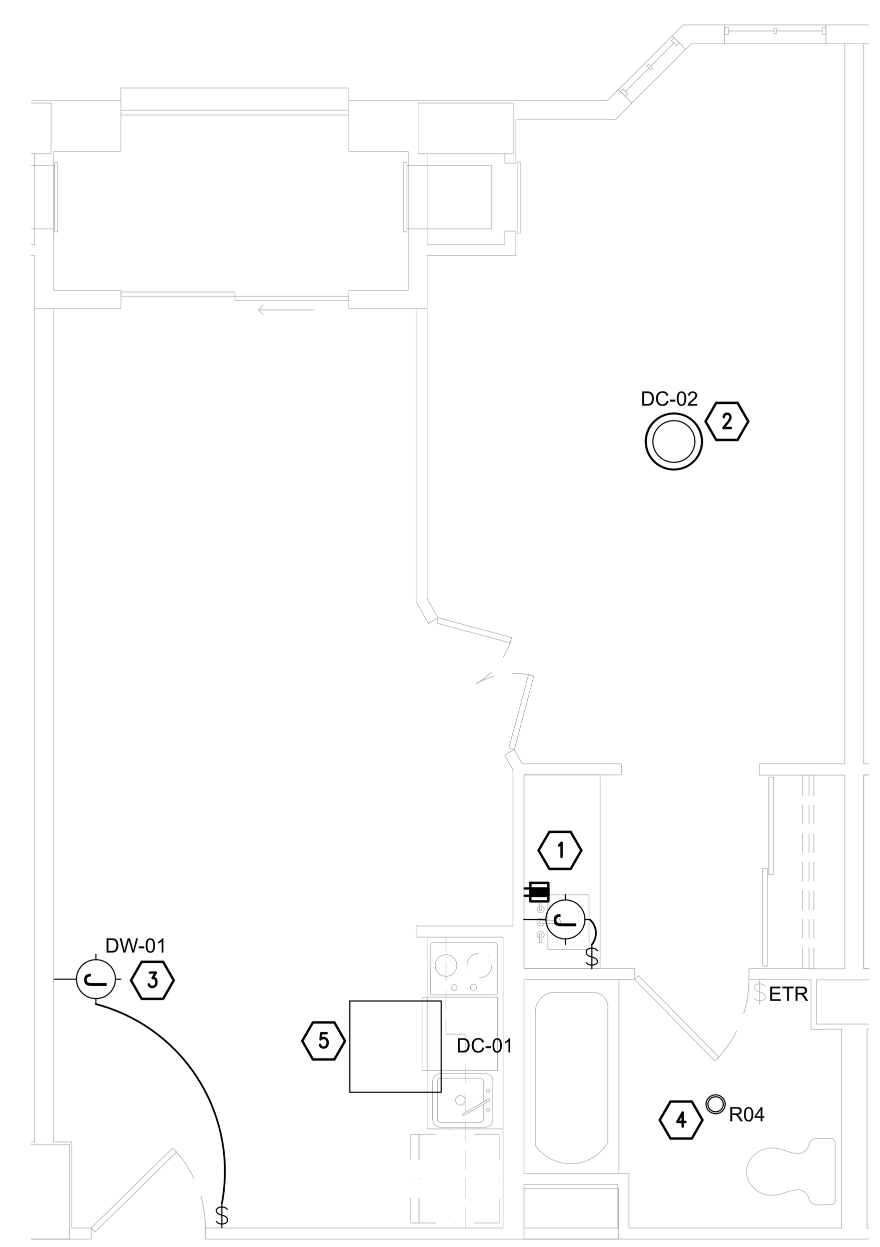
3 K3 - KING LONG LIVING ROOM BAY QTY: 10
SCALE: 1/4" = 1' RM 403 SHOWN



4 K4 - KING SCONCE AT SIDE WALL (RIGHT SHOWN) QTY: 12
SCALE: 1/4" = 1' RM 707 SHOWN LEFT QTY: 6



5 QQ1 - TYPICAL QUEEN/QUEEN (LEFT SHOWN) QTY: 19
SCALE: 1/4" = 1' RM 212 SHOWN RIGHT QTY: 15



6 QQ2 - QN/QN SCONCE ON SIDE WALL (LEFT SHOWN) QTY: 4
SCALE: 1/4" = 1' RM 305 SHOWN RIGHT QTY: 6

GENERAL NOTES

1. ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE POWERED THROUGH PANEL 1LA UNLESS OTHERWISE NOTED. NUMBER TAGGED INDICATES CIRCUIT DESIGNATION.
2. RECEPTACLES AND DATA OUTLETS TO BE MOUNTED AT +18" AFF UNLESS NOTED OTHERWISE. VERIFY FINAL DEVICE MOUNTING HEIGHT AND RELATIVE PLACEMENT WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
3. TIE BACK ALL LOOSE WIRING (INCLUDING LOW VOLTAGE) IN AN ORDERLY FASHION.
4. ALL LOW VOLTAGE DEVICES AND WIRING SHALL BE INSTALLED BY A LOW VOLTAGE CONTRACTOR. ELECTRICAL CONTRACTOR SHALL ONLY PROVIDE DEVICE ROUGH-IN BOX AND 1-3/4" EMPTY CONDUIT FROM DEVICE BOX UP TO ACCESSIBLE CEILING SPACE.
5. IN AREAS WHERE THERE WILL BE NO CEILING, CONDUIT SHALL BE CONTINUOUS.
6. POWER OUTLETS MUST BE PROPERLY ALIGNED BETWEEN STUDS USING CADDY BRACKET WITH SPACING FOR (3) 4X4 JBOXES.
7. ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
8. CONDUCTOR INSULATION TYPE SHALL BE THW/THWN.
9. WIRE OF #8 AND LARGER SHALL BE STRANDED. WIRE OF #10 AND SMALLER SHALL BE SOLID.
10. CONTRACTOR SHALL COORDINATE FINAL ATTACHMENT REQUIREMENTS FOR ALL ELECTRICAL AND LOW VOLTAGE DEVICES LOCATED WITHIN FURNITURE.
11. ALL RECEPTACLES SHALL BE TAMPER RESISTANT PER 2014 NEC.

KEY NOTES

1. EXISTING JUNCTION BOX TO BE REMOVED. NEW CLOCK OUTLET SHALL BE INSTALLED AT EXISTING JUNCTION BOX LOCATION.
2. EXISTING CEILING FAN TO BE REMOVED. NEW LIGHT FIXTURE SHALL BE INSTALLED AT EXISTING CEILING FAN LOCATION. CONNECT TO EXISTING POWER AND CONTROLS CIRCUIT.
3. EXISTING JUNCTION BOX TO BE REMOVED. NEW WALL SCONCE SHALL BE INSTALLED AT EXISTING JUNCTION BOX LOCATION. CONNECT TO NEW WALL SWITCH.
4. EXISTING COMBINATION EXHAUST FAN DOWNLIGHT TO BE REMOVED. NEW EXHAUST FAN TO BE INSTALLED IN EXISTING LOCATION. NEW DOWNLIGHT TO BE INSTALLED AND CONNECTED TO EXISTING POWER CIRCUIT. EXISTING SWITCH TO BE DISCONNECTED AND REWIRED TO NEW DOWNLIGHT.
5. NEW FIXTURE SHALL BE INSTALLED IN EXISTING FIXTURE LOCATION. CONNECT TO EXISTING LIGHTING AND CONTROLS CIRCUIT.
6. PROVIDE NEW POWER AND DATA MOUNTED AT 50" A.F.F. FOR NEW TV LOCATION. *16 ROOM STACK ONLY.

Project

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rtm engineering consultants

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1	CONSTRUCTION	03/07
	DOCUMENTS	2022

Drawn By: KS
Checked By: JB
Project No. 1335

Drawing Title
ELECTRICAL ENLARGED PLANS

Drawing Scale:

Stamp
STATE OF LOUISIANA
JIM RONALD BASQUETTE
License No. 43386
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING
James Basquette

E3.00
Drawing Number

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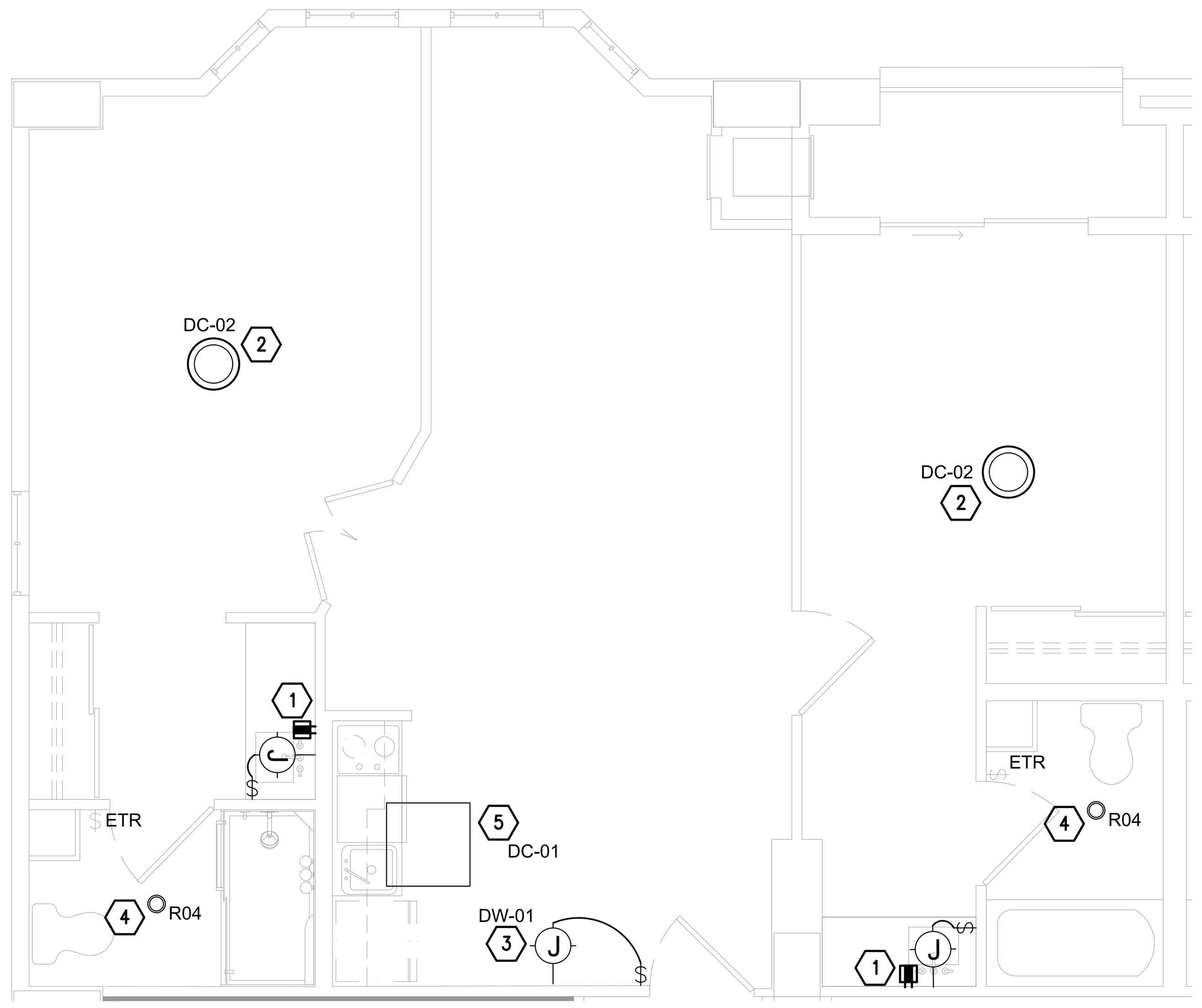
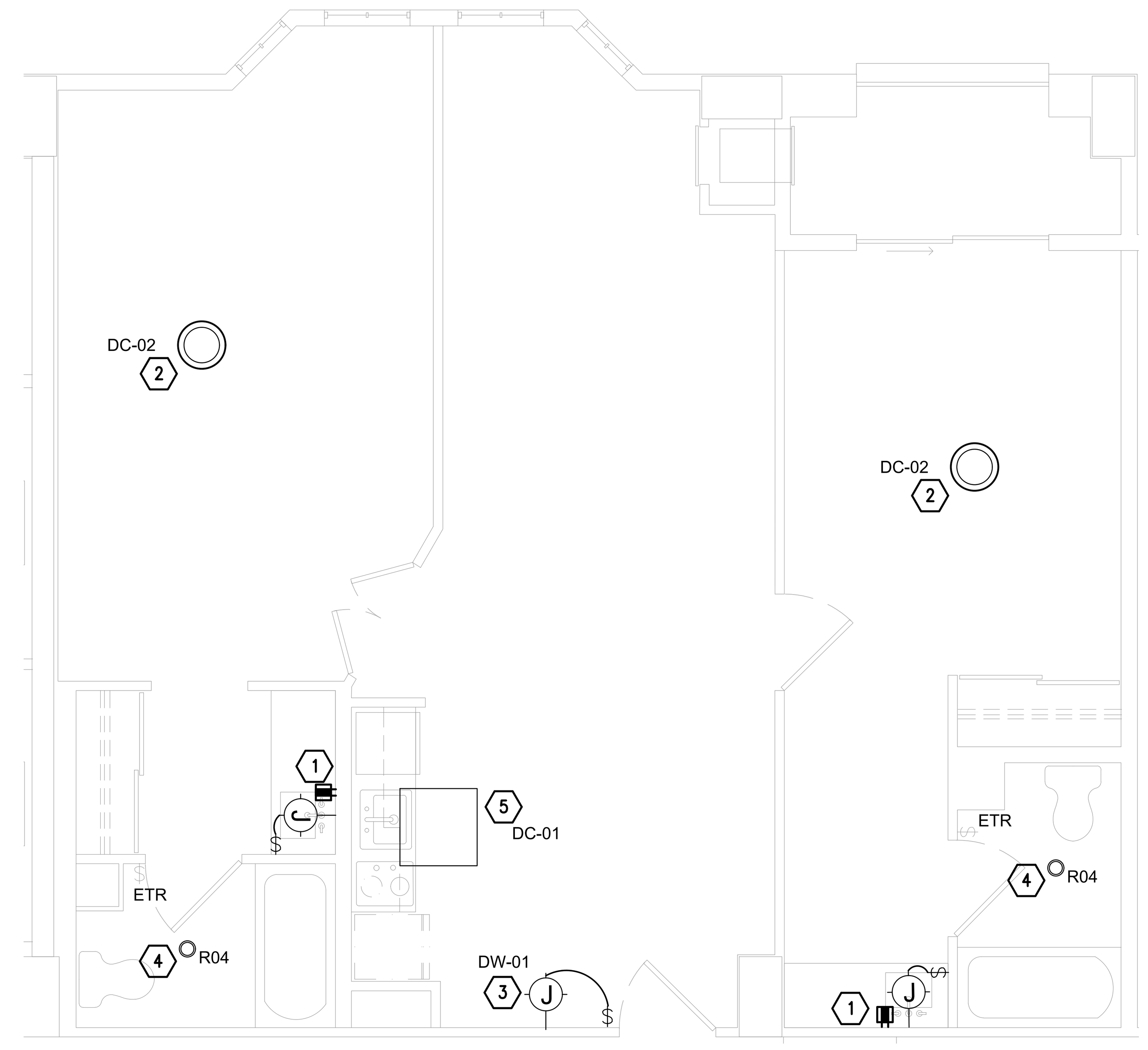
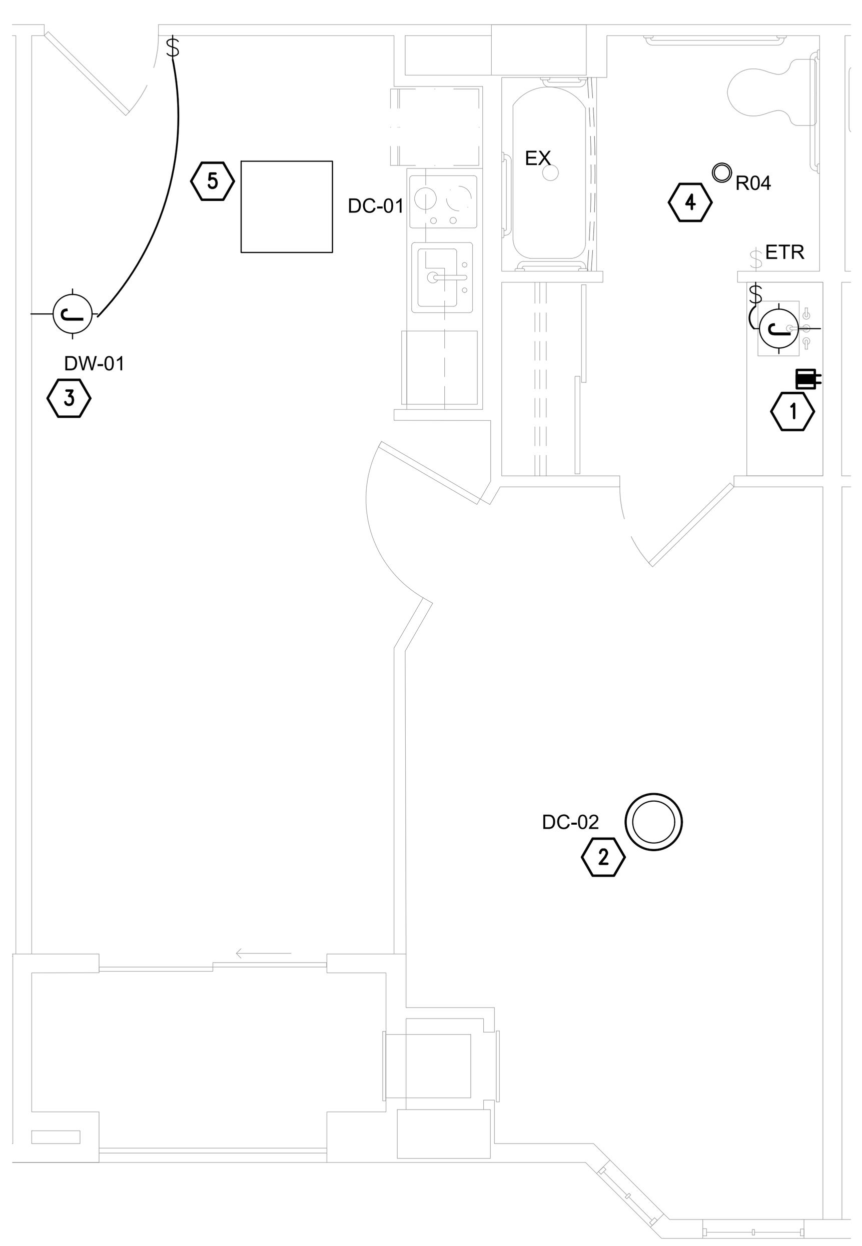


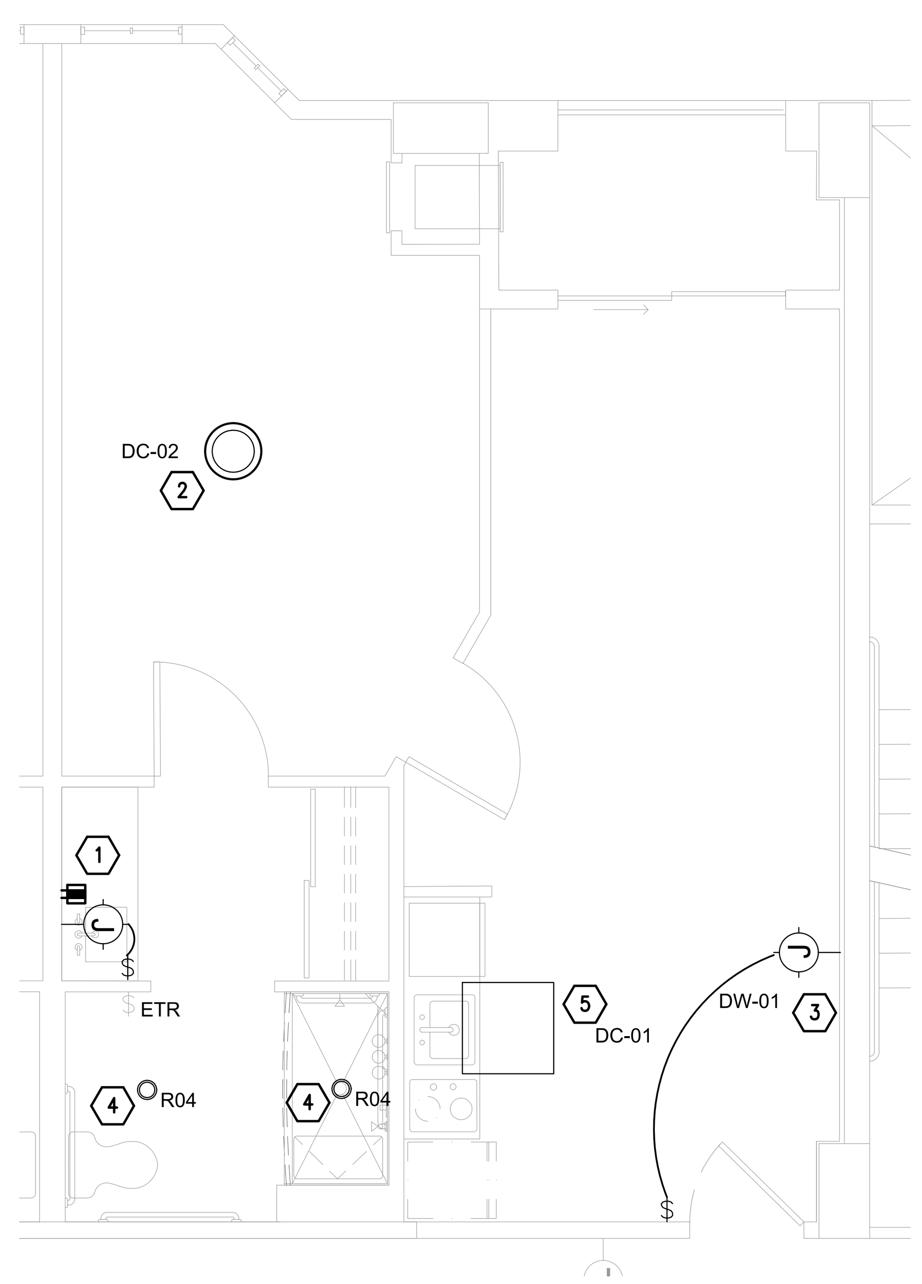
1 2BKK - 2 BEDROOM KING/KING (RIGHT SHOWN) QTY:10
SCALE: 1/4" = 1" RM 1100 SHOWN LEFT QTY: 10



2 2BKQ1 - 2 BEDROOM KING/QUEEN QTY:8
SCALE: 1/4" = 1" RM 511 SHOWN



5 AK1T - ACCESSIBLE KING W/ TUB QTY:5
SCALE: 1/4" = 1" RM 210 SHOWN AK2S - SIMILAR - QTY:1



5A AK2S - ACCESSIBLE KING W/ SHOWER QTY:1
SCALE: 1/4" = 1" RM 215 SHOWN

2 A2B2S - ACCESSIBLE 2 BEDROOM W/ SHOWER QTY: 1
SCALE: 1/4" = 1" RM 311 SHOWN A2B1T - SIMILAR - QTY:1

GENERAL NOTES

1. ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE POWERED THROUGH PANEL 1LA UNLESS OTHERWISE NOTED. NUMBER TAGGED INDICATES CIRCUIT DESIGNATION.
2. RECEPTACLES AND DATA OUTLETS TO BE MOUNTED AT +18" AFF UNLESS NOTED OTHERWISE. VERIFY FINAL DEVICE MOUNTING HEIGHT AND RELATIVE PLACEMENT WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
3. TIE BACK ALL LOOSE WIRING (INCLUDING LOW VOLTAGE) IN AN ORDERLY FASHION.
4. ALL LOW VOLTAGE DEVICES AND WIRING SHALL BE INSTALLED BY A LOW VOLTAGE CONTRACTOR. ELECTRICAL CONTRACTOR SHALL ONLY PROVIDE DEVICE ROUGH-IN BOX AND 1-3/4" EMPTY CONDUIT FROM DEVICE BOX UP TO ACCESSIBLE CEILING SPACE.
5. IN AREAS WHERE THERE WILL BE NO CEILING, CONDUIT SHALL BE CONTINUOUS.
6. POWER OUTLETS MUST BE PROPERLY ALIGNED BETWEEN STUDS USING CADDY BRACKET WITH SPACING FOR (3) 4X4 JBOXES.
7. ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
8. CONDUCTOR INSULATION TYPE SHALL BE THW/THWN.
9. WIRE OF #8 AND LARGER SHALL BE STRANDED. WIRE OF #10 AND SMALLER SHALL BE SOLID.
10. CONTRACTOR SHALL COORDINATE FINAL ATTACHMENT REQUIREMENTS FOR ALL ELECTRICAL AND LOW VOLTAGE DEVICES LOCATED WITHIN FURNITURE.
11. ALL RECEPTACLES SHALL BE TAMPER RESISTANT PER 2014 NEC.

KEY NOTES

(1) EXISTING JUNCTION BOX TO BE REMOVED. NEW CLOCK OUTLET SHALL BE INSTALLED AT EXISTING JUNCTION BOX LOCATION.

(2) EXISTING CEILING FAN TO BE REMOVED. NEW LIGHT FIXTURE SHALL BE INSTALLED AT EXISTING CEILING FAN LOCATION. CONNECT TO EXISTING POWER AND CONTROLS CIRCUIT.

(3) EXISTING JUNCTION BOX TO BE REMOVED. NEW WALL SCONCE SHALL BE INSTALLED AT EXISTING JUNCTION BOX LOCATION. CONNECT TO NEW WALL SWITCH.

(4) EXISTING COMBINATION EXHAUST FAN DOWNLIGHT TO BE REMOVED. NEW EXHAUST FAN TO BE INSTALLED IN EXISTING LOCATION. NEW DOWNLIGHT TO BE INSTALLED AND CONNECTED TO EXISTING POWER CIRCUIT. EXISTING SWITCH TO BE DISCONNECTED AND REWIRED TO NEW DOWNLIGHT.

(5) NEW FIXTURE SHALL BE INSTALLED IN EXISTING FIXTURE LOCATION. CONNECT TO EXISTING LIGHTING AND CONTROLS CIRCUIT.

Project

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Issuance

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1	CONSTRUCTION	03/07
	DOCUMENTS	2022

Drawn By: KS

Checked By: JB

Project No. 1335

Drawing Title

ELECTRICAL ENLARGED PLANS

Drawing Scale:

Stamp

STATE OF LOUISIANA
JIM RONALD BASQUETTE
License No. 43386
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING
James Basquette

E3.01

Drawing Number

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GENERAL NOTES HEARING IMPAIRED RMS

1. FOR ROOMS INDICATED AS REQUIRING COMMUNICATIONS FEATURES, VISUAL NOTIFICATION DEVICES SHALL BE PROVIDED TO ALERT OCCUPANTS OR INCOMING TELEPHONE CALLS, A DOORKNOCK OR A BELL AND FIRE/SMOKE ALARM.
2. NOTIFICATION DEVICES SHALL NOT BE CONNECT TO THE VISUAL FIRE ALARM SIGNAL DEVICES.
3. TELEPHONES SHALL HAVE VOLUME CONTROLS COMPATIBLE WITH TE TELEPHONE SYSTEM. TELEPHONES SHALL HAVE AN ELECTRICAL OUTLET LOCATED WITHIN 48" OF THE TELEPHONE TO FACILITATE THE USE OF A TTY DEVICE.
4. CONTRACTOR SHALL VERIFY FIRE ALARM SYSTEMS AND SMOKE DETECTORS SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISUAL ALARMS.
5. DOORBELL HORN/STROBE DEVICES SHALL HAVE A PLAQUE WITH BLACK LETTERS THAT READS "DOOR BUTTON SIGNALER", PLAQUE SHALL BE SECURED WITH CLEAR SANITARY SEALANT.
6. PROVIDE SWITCH TO DISABLE DOORBELL, SWITCH SHALL BE SINGLE POLE TOGGLE TYPE WITH COVER PLATE AND PLAQUE. LOCATE SWITCH ON GUESTROOM SIDE OF DOOR, LOCATED NEXT TO LOCK STRIKE OF THE DOOR WITH AN APPLIED LABEL READING "DOORBELL SIGNAL OVERRIDE". SWITCH SHALL BE MOUNTED AT 46" AFF.

   PROVIDE GUESTROOM DOOR ANNUNCIATOR KIT AS FOLLOWS
   EDWARDS SIGNALING: SERIES CFA MODEL 7005–G5 HOTEL ROOM ANNUNCIATOR KIT OR EQUAL
   TO INCLUDE THE FOLLOWING COMPONENTS
   –MODEL 6536–G5 DOORBELL HORN STROBE
   –MODEL 592 TRANSFORMER
   –MODEL 620 DOORBELL PUSHBUTTON
   –MODEL 147–1 FACEPLATE (NO TEXT ON FACEPLATE)

1

GENERAL NOTES

1. ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE POWERED THROUGH PANEL 1LA UNLESS OTHERWISE NOTED. NUMBER TAGGED INDICATES CIRCUIT DESIGNATION.
2. RECEPTACLES AND DATA OUTLETS TO BE MOUNTED AT +18" AFF UNLESS NOTED OTHERWISE. VERIFY FINAL DEVICE MOUNTING HEIGHT AND RELATIVE PLACEMENT WITH OWNER/ARCHITECT PRIOR TO ROUGH–IN.
3. TIE BACK ALL LOOSE WIRING (INCLUDING LOW VOLTAGE) IN AN ORDERLY FASHION.
4. ALL LOW VOLTAGE DEVICES AND WIRING SHALL BE INSTALLED BY A LOW VOLTAGE CONTRACTOR. ELECTRICAL CONTRACTOR SHALL ONLY PROVIDE DEVICE ROUGH–IN BOX AND 1–3/4" EMPTY CONDUIT FROM DEVICE BOX UP TO ACCESSIBLE CEILING SPACE.
5. IN AREAS WHERE THERE WILL BE NO CEILING, CONDUIT SHALL BE CONTINUOUS.
6. POWER OUTLETS MUST BE PROPERLY ALIGNED BETWEEN STUDS USING CADDY BRACKET WITH SPACING FOR (3) 4X4 JBOXES.
7. ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
8. CONDUCTOR INSULATION TYPE SHALL BE THW/THWN.
9. WIRE OF #8 AND LARGER SHALL BE STRANDED. WIRE OF #10 AND SMALLER SHALL BE SOLID.
10. CONTRACTOR SHALL COORDINATE FINAL ATTACHMENT REQUIREMENTS FOR ALL ELECTRICAL AND LOW VOLTAGE DEVICES LOCATED WITHIN FURNITURE.
11. ALL RECEPTACLES SHALL BE TAMPER RESISTANT PER 2014 NEC.

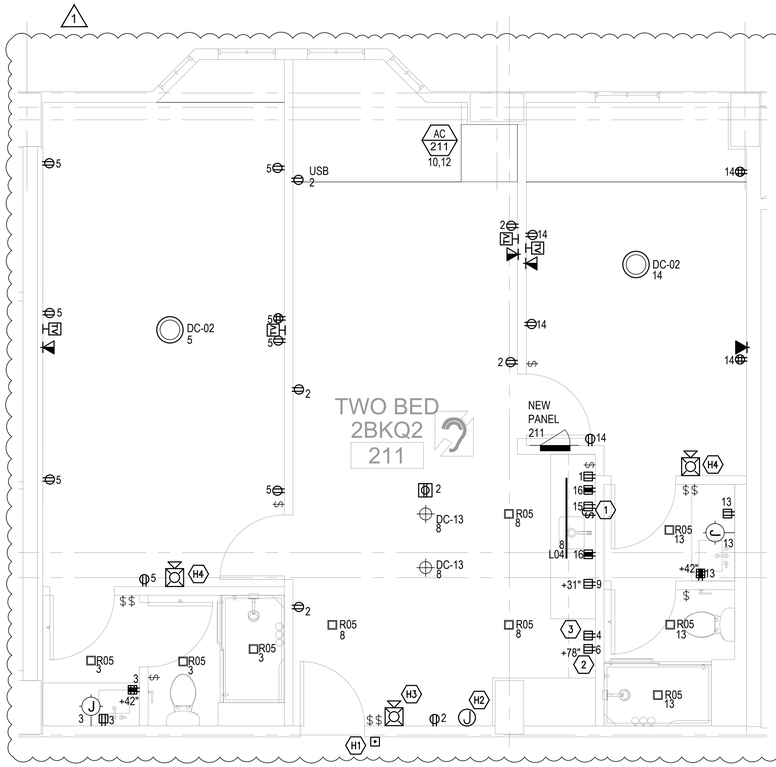
HEARING IMPAIRED RMS KEYNOTES

- (H1) MOUNT DOORBELL PUSH BUTTON AT 46" AFF ON CORRIDOR SIDE OF DOOR NEXT TO LOCK STRIKE OF THE DOOR.
- (H2) PROVIDE JUNCTION BOX FOR CONNECTION TO DOOR ANNUNCIATOR KIT. CONNECT TO BEDROOM RECEPTACLE CIRCUIT.
- (H3) PROVIDE HORN/STROBE FOR CONNECTION TO THE DOOR ANNUNCIATOR KIT. CONTRACTOR SHALL MOUNT THE DOORBELL HORN/STROBE DEVICE AT 80" ABOVE THE FLOOR IN THE GUESTROOM.
- (H4) CONTRACTOR SHALL MOUNT THE AUXILLARY DOORBELL HORN/STROBE ON THE BATHROOM WALL AT 80" AFF AND ANY ADDITIONAL ROOMS IN MULTI–ROOM UNITS.

KEY NOTES

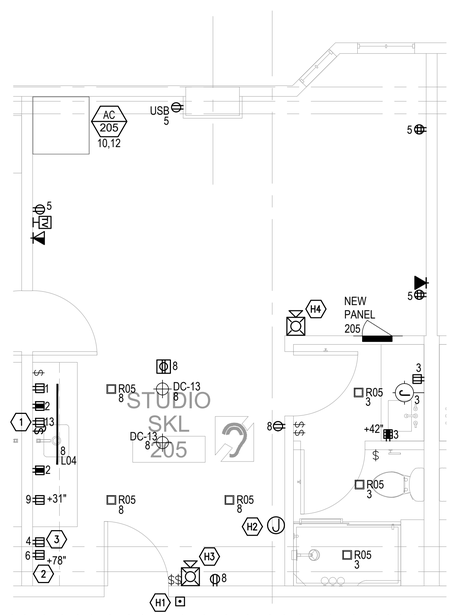
- (1) 20A RECEPTACLE MOUNTED UNDERNEATH SINK FOR DISPOSAL. PROVIDE WITH GFCI CIRCUIT BREAKER. COORDINATE SWITCH LOCATION WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH–IN.
- (2) 20A RECEPTACLE FOR MICROWAVE OVEN. PROVIDE DEDICATED CIRCUIT WITH GFCI CIRCUIT BREAKER.
- (3) 20A RECEPTACLE FOR REFRIGERATOR. PROVIDE DEDICATED CIRCUIT WITH GFCI BREAKER.

1



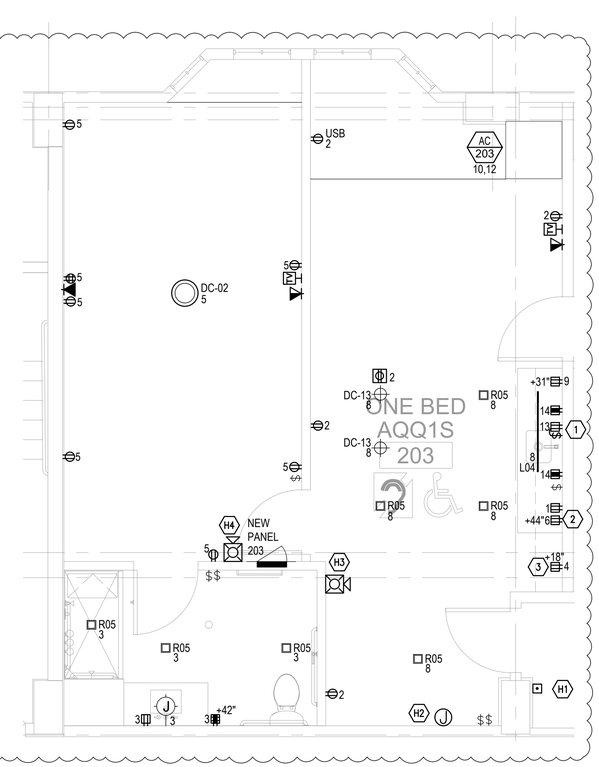
1 2BKQ2 - 2 BEDROOM KING/QUEEN (NEW)

0 2' 4' 8' 12'
1/4" = 1'–0"



2 SK - STUDIO KING (LEFT SHOWN) (NEW)

0 2' 4' 8' 12'
1/4" = 1'–0"



3 AQQ1S - ADA QUEEN QUEEN SHOWER (NEW)

0 2' 4' 8' 12'
1/4" = 1'–0"

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Issuance

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1	CONSTRUCTION	03/07
	DOCUMENTS	2022

Drawn By: KS
Checked By: JB
Project No. 1335

Drawing Title

ELECTRICAL
ENLARGED
POWER/LIGHTING
PLANS

Drawing Scale:

Stamp

STATE OF LOUISIANA
JIM RONALD BASQUETTE
License No. 43355
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING

James Basquette

E3.02

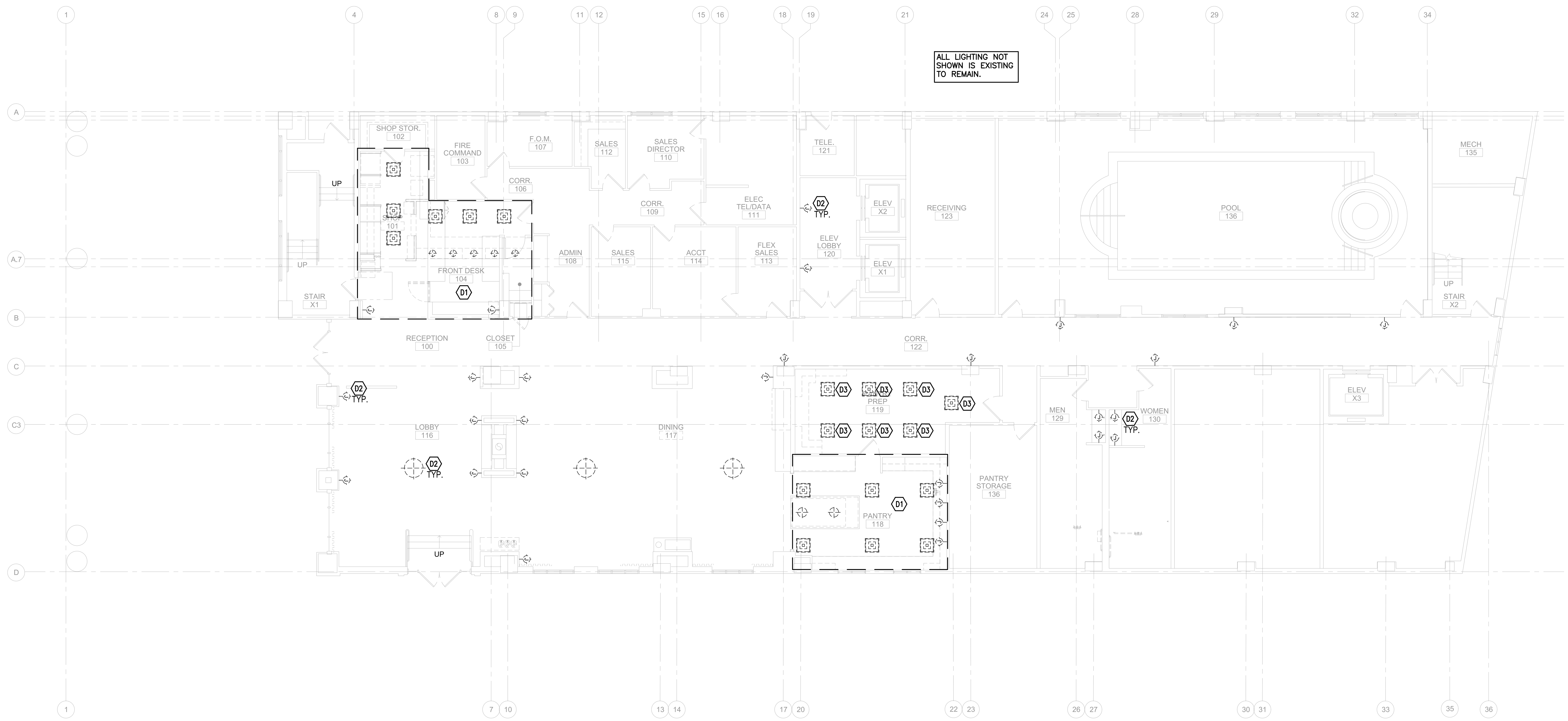
Drawing Number

GENERAL NOTES

1. THE ELECTRICAL DEMOLITION PLAN IS TO BE USED AS AN OVERALL GUIDE TO THE SCOPE OF DEMOLITION WORK BEING PERFORMED. ELECTRICAL CONTRACTOR SHALL VERIFY AND CONFIRM EXACT SCOPE OF WORK AND PHASING WITH AN AUTHORIZED OWNER FIELD REPRESENTATIVE PRIOR TO BID AND COMMENCEMENT OF WORK.
2. THE EXISTING CONDITIONS ARE BASED ON "AS-BUILT" DRAWINGS AND/OR LIMITED FIELD VERIFICATIONS, AND MAY NOT SHOW ALL DEVICES/FIXTURES TO BE REMOVED. THE CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS, ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION.
3. ALL EXISTING DEVICES/FIXTURES SHALL BE REMOVED UNLESS NOTED OTHERWISE, ITEMS MARKED WITH <E> ARE EXISTING TO REMAIN.
4. REMOVE ALL EXISTING WIRING AND CONDUIT BACK TO NEAREST DEVICE INDICATED TO REMAIN, OR TO SOURCE PANEL, WHICHEVER IS CLOSER. PRESERVE CONTINUITY OF ALL EXISTING CIRCUITS TO REMAIN.
5. VERIFY FUNCTIONALITY OF ALL EXISTING DEVICES/FIXTURES TO REMAIN, REPLACES AS NECESSARY.
6. THE CONTRACTOR SHALL REVIEW ALL EXISTING CONDUIT, WIRING, JUNCTION BOXES, AND ELECTRICAL, COMMUNICATION AND LIFE SAFETY DEVICES WITH THE LANDLORD AND TENANT REPRESENTATIVES PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION WORK FOR THIS PROJECT. ALL EXISTING ITEMS TO REMAIN SHALL BE PROPERLY MARKED AT THE PROJECT SITE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LANDLORD.
7. ALL MATERIALS SCHEDULED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HAULING AND DISPOSAL OF THE DEBRIS IN ACCORDANCE WITH STATE AND LOCAL ORDINANCES. ALL AREAS SHALL BE BROOM CLEANED UPON COMPLETION OF DEMOLITION WORK.

KEY NOTES

- D1 EXISTING LIGHTING TO BE REMOVED. REMOVE WIRE BACK TO NEAREST DEVICE EXISTING TO REMAIN. PREPARE FOR NEW INSTALLATION.
- D2 EXISTING LIGHTING TO BE REPLACED IN PLACE. DISCONNECT AND PRESERVE/PREPARE WIRING FOR NEW INSTALLATION.
- D3 EXISTING LIGHT TO BE RELOCATED.



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Issuance

No.	Description	Date
1	CONSTRUCTION	03/07
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Drawn By: KS

Checked By: JB

Project No. 1335

Drawing Title

ELECTRICAL FIRST LEVEL DEMO RCP

Drawing Scale:

Stamp

STATE OF LOUISIANA
JIM RONALD BASQUETTE
License No. 43385
PROFESSIONAL ENGINEER IN ELECTRICAL ENGINEERING
James Basquette

E4.00

Drawing Number

GENERAL NOTES

1. THE ELECTRICAL DEMOLITION PLAN IS TO BE USED AS AN OVERALL GUIDE TO THE SCOPE OF DEMOLITION WORK BEING PERFORMED. ELECTRICAL CONTRACTOR SHALL VERIFY AND CONFIRM EXACT SCOPE OF WORK AND PHASING WITH AN AUTHORIZED OWNER FIELD REPRESENTATIVE PRIOR TO BID AND COMMENCEMENT OF WORK.
2. THE EXISTING CONDITIONS ARE BASED ON "AS-BUILT" DRAWINGS AND/OR LIMITED FIELD VERIFICATIONS, AND MAY NOT SHOW ALL DEVICES/FIXTURES TO BE REMOVED. THE CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS, ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION.
3. ALL EXISTING DEVICES/FIXTURES SHALL BE REMOVED UNLESS NOTED OTHERWISE, ITEMS MARKED WITH <E> ARE EXISTING TO REMAIN.
4. REMOVE ALL EXISTING WIRING AND CONDUIT BACK TO NEAREST DEVICE INDICATED TO REMAIN, OR TO SOURCE PANEL, WHICHEVER IS CLOSER. PRESERVE CONTINUITY OF ALL EXISTING CIRCUITS TO REMAIN.
5. VERIFY FUNCTIONALITY OF ALL EXISTING DEVICES/FIXTURES TO REMAIN, REPLACES AS NECESSARY.
6. THE CONTRACTOR SHALL REVIEW ALL EXISTING CONDUIT, WIRING, JUNCTION BOXES, AND ELECTRICAL, COMMUNICATION AND LIFE SAFETY DEVICES WITH THE LANDLORD AND TENANT REPRESENTATIVES PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION WORK FOR THIS PROJECT. ALL EXISTING ITEMS TO REMAIN SHALL BE PROPERLY MARKED AT THE PROJECT SITE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LANDLORD.
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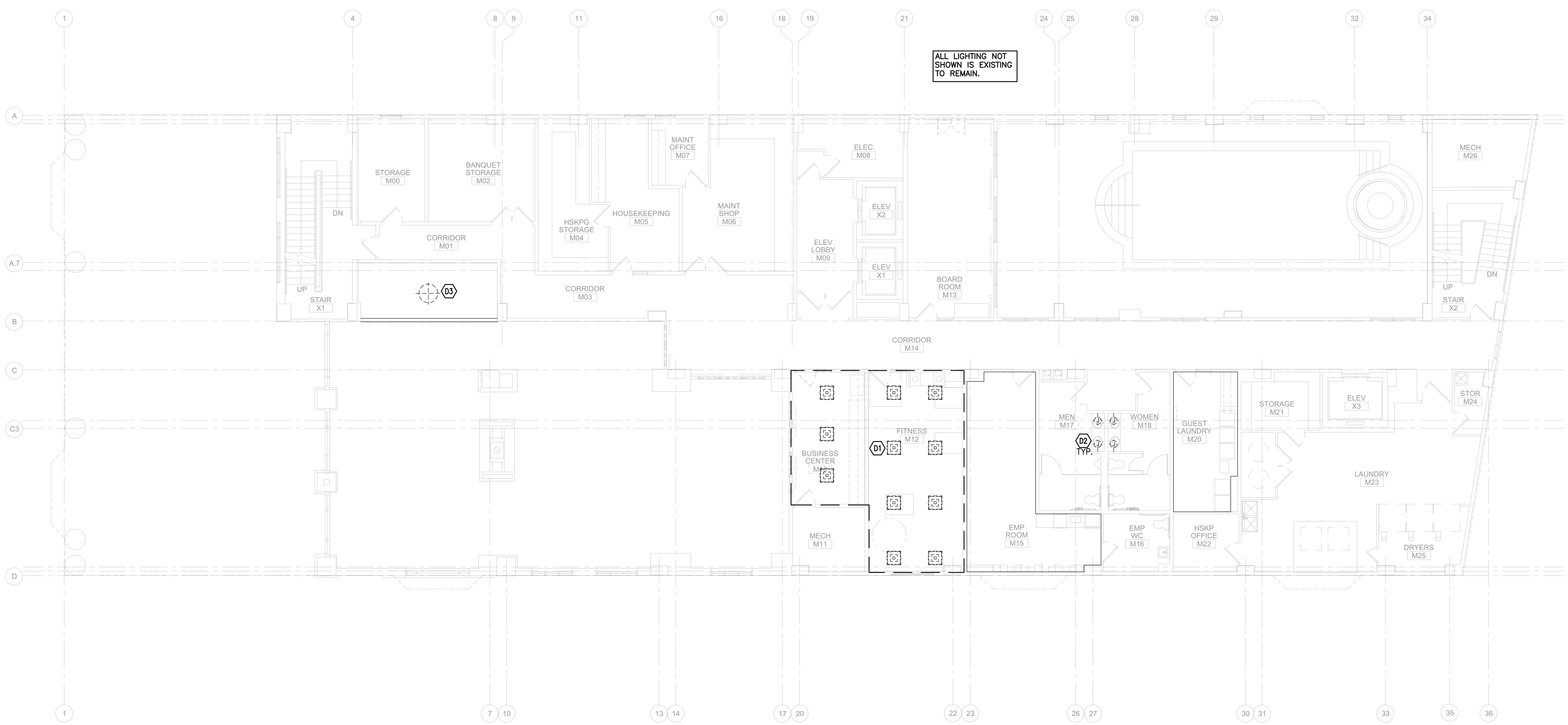
KEY NOTES

- D1 EXISTING LIGHTING TO BE REMOVED. REMOVE WIRE BACK TO NEAREST DEVICE EXISTING TO REMAIN. PREPARE FOR NEW INSTALLATION.
- D2 EXISTING LIGHTING TO BE REPLACED IN PLACE. DISCONNECT AND PRESERVE/PREPARE WIRING FOR NEW INSTALLATION.
- D3 EXISTING LIGHTING TO BE REMOVED. REMOVE WIRE BACK TO NEAREST DEVICE EXISTING TO REMAIN AND RELABEL CIRCUIT AS SPARE.



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rtm engineering consultants

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Checked By: JB

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Drawing Title

ELECTRICAL MEZZANINE LEVEL DEMO RCP

Drawing Scale:

Stamp

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JIM RONALD BASQUETTE
License No. 43385
PROFESSIONAL ENGINEER IN ELECTRICAL ENGINEERING

James Basquette

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Date: 2022.03.08 09:12:11-06'00'

E4.01

Drawing Number

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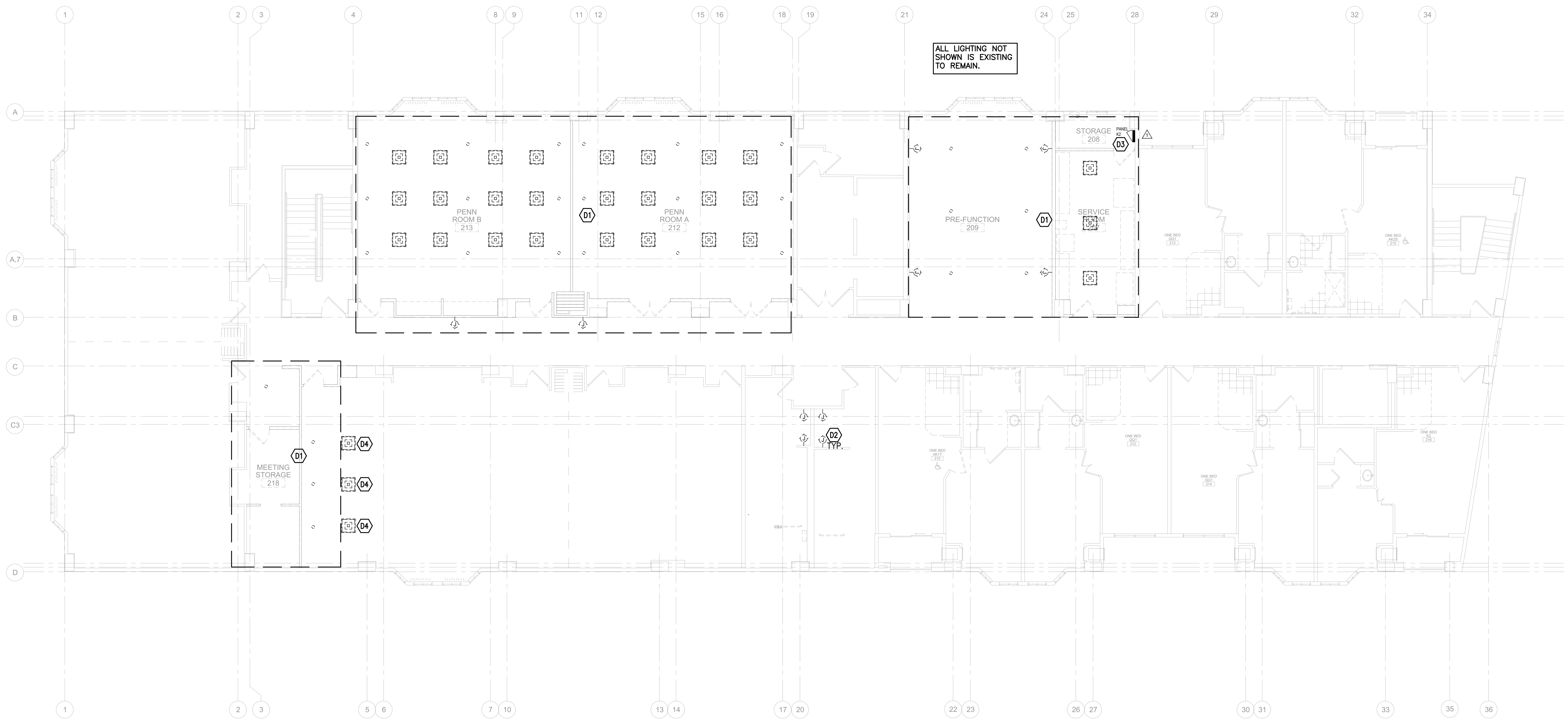
GENERAL NOTES

1. THE ELECTRICAL DEMOLITION PLAN IS TO BE USED AS AN OVERALL GUIDE TO THE SCOPE OF DEMOLITION WORK BEING PERFORMED. ELECTRICAL CONTRACTOR SHALL VERIFY AND CONFIRM EXACT SCOPE OF WORK AND PHASING WITH AN AUTHORIZED OWNER FIELD REPRESENTATIVE PRIOR TO BID AND COMMENCEMENT OF WORK.
2. THE EXISTING CONDITIONS ARE BASED ON "AS-BUILT" DRAWINGS AND/OR LIMITED FIELD VERIFICATIONS, AND MAY NOT SHOW ALL DEVICES/FIXTURES TO BE REMOVED. THE CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS, ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION.
3. ALL EXISTING DEVICES/FIXTURES SHALL BE REMOVED UNLESS NOTED OTHERWISE, ITEMS MARKED WITH <E> ARE EXISTING TO REMAIN.
4. REMOVE ALL EXISTING WIRING AND CONDUIT BACK TO NEAREST DEVICE INDICATED TO REMAIN, OR TO SOURCE PANEL, WHICHEVER IS CLOSER. PRESERVE CONTINUITY OF ALL EXISTING CIRCUITS TO REMAIN.
5. VERIFY FUNCTIONALITY OF ALL EXISTING DEVICES/FIXTURES TO REMAIN, REPLACES AS NECESSARY.
6. THE CONTRACTOR SHALL REVIEW ALL EXISTING CONDUIT, WIRING, JUNCTION BOXES, AND ELECTRICAL, COMMUNICATION AND LIFE SAFETY DEVICES WITH THE LANDLORD AND TENANT REPRESENTATIVES PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION WORK FOR THIS PROJECT. ALL EXISTING ITEMS TO REMAIN SHALL BE PROPERLY MARKED AT THE PROJECT SITE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LANDLORD.
7. ALL MATERIALS SCHEDULED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HAULING AND DISPOSAL OF THE DEBRIS IN ACCORDANCE WITH STATE AND LOCAL ORDINANCES. ALL AREAS SHALL BE BROOM CLEANED UPON COMPLETION OF DEMOLITION WORK.

KEY NOTES

- D1 EXISTING LIGHTING TO BE REMOVED. REMOVE WIRE BACK TO NEAREST DEVICE EXISTING TO REMAIN. PREPARE FOR NEW INSTALLATION.
- D2 EXISTING LIGHTING TO BE REPLACED IN PLACE. DISCONNECT AND PRESERVE/PREPARE WIRING FOR NEW INSTALLATION.
- D3 EXISTING PANEL K2 SHALL BE REMOVED. REMOVE WIRE BACK TO SOURCE PANEL. RELABEL CIRCUIT BREAKER AS SPARE.
- D4 EXISTING LIGHT TO BE RELOCATED.



Project

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rtm engineering consultants

Issuance

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	03/07 2022

Drawn By: KS

Checked By: JB

Project No. 1335

Drawing Title

ELECTRICAL SECOND LEVEL DEMO RCP

Drawing Scale:

Stamp

STATE OF LOUISIANA
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IN
ELECTRICAL ENGINEERING

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E4.02

Drawing Number

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LIGHT FIXTURE SCHEDULE				
TYPE	MANUFACTURER & PART NUMBER	DESCRIPTION	VOLTAGE	WATTAGE
R01	ZANIBONI LIGHTING D2 STE3Q 13 30 B 6 C WS Z G0 0D	3" LED SQUARE DOWNLIGHT 95 CRI, 3000K, 60 DEGREE BEAM ANGLE, 0-10V DIMMING TO 1%, MATTE WHITE FINISH	120V	13W
R02	FLOS ARCHITECTURAL 03.9430.40	LIGHT SHADOW ADJUSTABLE 4 LAMP TRIMLESS LED LUMINAIRE, 90 CRI, 1140L, 3000K, 23 DEGREE BEAM ANGLE, WHITE FINISH	120V	10.8W
R03	SOLIAS XFR13 XM20 40C 30K/1500L WH/WH	RECESSED LED FIXTURE 3 LAMP LED LUMINAIRE, WHITE INTERIOR, WHITE TRIM, 1500LM, 90 CRI, 3000K, 40 DEGREE BEAM ANGLE	120V	22.4W
L01	FLOS ARCHITECTURAL 03.2281.14A LED90W24V-PWM-B01	RECESSED CEILING OR WALL MOUNTED 12" WALL-WASHER LED, 90CRI, 3000K, BLACK FINISH	120V	4.5W
L02	FLOS ARCHITECTURAL 03.2285.14A LED90W24V-PWM-B01	RECESSED CEILING OR WALL MOUNTED 24" WALL-WASHER LED, 90CRI, 3000K, BLACK FINISH	120V	9W
L03a,b,c,d	PUREEDGE LIGHTING LC45 5W 17,39,53,12 D 30D	45 DEGREE SURFACE MOUNT LINEAR LED LIGHT, 90 CRI, 3000K WARM DIM TO 2000K, DIFFUSED LENS, (L03a - 17", L03b - 39", L03c - 53", L03d - 12")	120V	5W/FT
T01	FLOS ARCHITECTURAL 09.3864.40 LED90W24V-PWM-B01	ZERO TRACK SPOT LED SURFACE MOUNTED, 90 CRI, 3000K, 24VDC	120V	10.5W
DW-10	RENAISSANCE PART #	LED WALL SCONCE WITH FROSTED WHITE DIFFUSER, 2700K. SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. OFCI.	120V	12W
DW-11	MARA WALL PART #	DIMMABLE LED COMPATIBLE ELV AND TRIAC DIMMERS, 90 CRI, 2700K.SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. OFCI.	120V	16.8W
DW-12	ARTERIORS PART #	LED QUIMBY SCONCE. SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. OFCI.	120V	40W
DC-10	HUDSON VALLEY LIGHTING 5104-AGB	5" DIAMETER LED PENDANT. SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. OFCI.	120V	8W
DC-11	HUDSON VALLEY LIGHTING 4724-AGB	46" DIAMETER 24 BULB LED PENDANT. SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. OFCI.	120V	96W
DC-12	ARTERIORS VOLTA PENDANT (49330)	22" DIAMETER LED PENDANT. SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. OFCI.	120V	60W
DC-13	ASHLEY LIGHTING 73291-0A0-P57D	24" ROUND SURFACE MOUNT LED WITH FROSTED WHITE DIFFUSER. SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. OFCI.	120V	30W
DC-14	SOLIAS FP22 8 35 40S WH FM	2X2 RECESSED LED PANEL, 80 CRI, 4,000L, 3500K, WHITE FINISH	120V	36W
EX-01	HINKLEY 23250Z	EXTERIOR ARCHITECTURAL WALL SCONCE WITH BRONZE FINISH. SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. CFCI.	120V	60W

LIGHT FIXTURE SCHEDULE - UNITS				
TYPE	MANUFACTURER & PART NUMBER	DESCRIPTION	VOLTAGE	WATTAGE
R04	USAI LIGHTING B4RDRT	4.5" ROUND DOWNLIGHT, 80+ CRI, 3000K	120V	90W
R05	USAI LIGHTING B4SDRT	4.5" SQUARE LED DOWNLIGHT, 80+ CRI, 3000K	120V	9W
L04	JESCO LIGHTING GROUP S602P-48-30 WITH DL-PS-60/24-HW-DIM	48" LINEAR LED, 3000K. SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. OFCI. PROVIDE WITH 60W POWER SUPPLY. PROVIDE ALL COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION.	24V DC	19.9W
DW-XX	-----	WALL MOUNTED VANITY LIGHT. SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. OFCI.	120V	40W
DW-01	-----	WALL SCONCE. SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. OFCI.	120V	40W
DC-01	RENAISSANCE RL-62-1053	2X2 LED PANEL WITH WHITE FINISH, 3000K, 90CRI. SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. OFCI.	120V	45W
DC-02	ASHLEY LIGHTING (B) GR-204	15" ROUND FLUSH MOUNTED CEILING LIGHT WITH INNER DIFFUSER AND CLEAR OUTER SHADE, 2700K. SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. OFCI.	120V	17W
DC-13	ASHLEY LIGHTING 73291-0A0-P57D	24" ROUND SURFACE MOUNT LED WITH FROSTED WHITE DIFFUSER. SEE INTERIOR DESIGNER FFE SPECIFICATIONS FOR FINAL FIXTURE. OFCI.	120V	30W

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GENERAL NOTES

1. CONTRACTOR SHALL PROVIDE SUBMITTAL OF ALL FIXTURES TO OWNER, ARCHITECT AND INTERIOR DESIGNER. SUBMITTAL SHALL BE APPROVED BY OWNER, ARCHITECT AND ENGINEER PRIOR TO PROCUREMENT.
2. ANY SUBSTITUTION OF FIXTURES WILL REQUIRE A FULL PHOTOMETRIC ANALYSIS TO BE PROVIDED FOR ALL SUBSTITUTED AREAS. LIGHTING VENDOR/DISTRIBUTOR WILL BE RESPONSIBLE FOR GATHERING AND EVALUATING DATA TO MATCH INTENDED FIXTURE PHOTOMETRIC RESULTS. SUBSTITUTED FIXTURES WILL NOT BE APPROVED WITHOUT PHOTOMETRIC PROVIDED WITH SUBMITTAL.
3. SUBSTITUTION OF LIGHT FIXTURES SHALL BE PRESENTED FIFTEEN DAYS PRIOR TO BID. ANY ADDITIONAL ENGINEERING COST FOR RE-WORK OR EXTRA SUBMITTAL EVALUATION FOR SUBSTITUTIONS SHALL BE PAID FOR BY GENERAL CONTRACTOR.

1

Project

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Issuance

No.	Description	Date
1	CONSTRUCTION	03/07
	DOCUMENTS	2022

Drawn By: KS

Checked By: JB

Project No. 1335

Drawing Title

ELECTRICAL SCHEDULES

Drawing Scale:

Stamp

STATE OF LOUISIANA
JIM RONALD BASQUETTE
License No. 43385
PROFESSIONAL ENGINEER
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Date: 2022.03.08 09:12:34-06'00'

E5.00

Drawing Number

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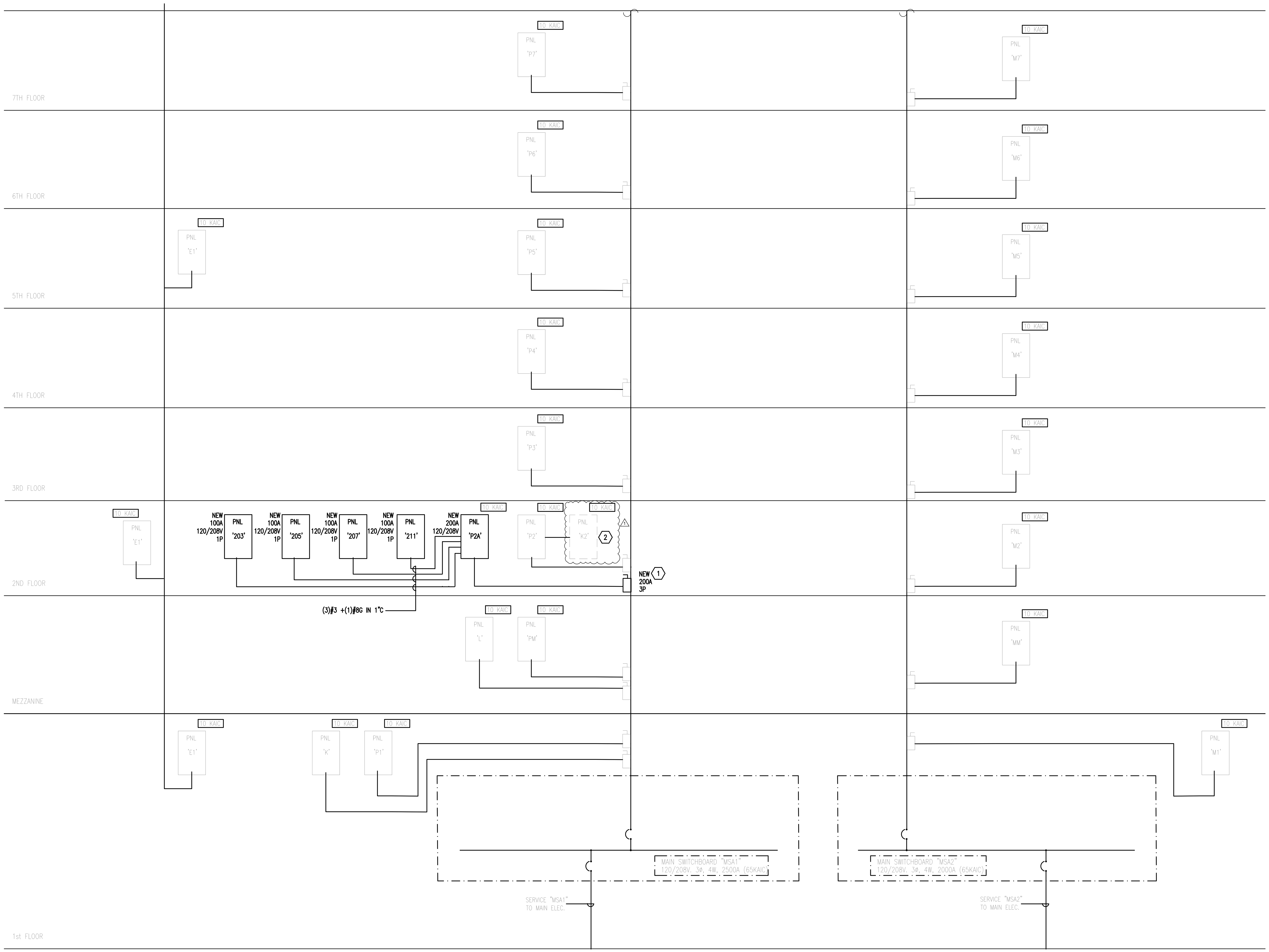
GENERAL RISER NOTES

1. ALL EQUIPMENT SHOWN IS EXISTING UNLESS NOTED OTHERWISE.

RISER KEY NOTES

(1) NEW 200A/3P FUSED DISCONNECT SWITCH TO MATCH EXISTING BUS DUCT MANUFACTURER AND ALL ELECTRICAL CHARACTERISTICS. COORDINATE ALL REQUIRED POWER SHUTDOWNS WITH OWNER IN ADVANCE.

(2) EXISTING PANEL TO BE REMOVED. REMOVE WIRE/CONDUIT BACK TO SOURCE. RELABEL CIRCUIT BREAKER AS SPARE. △1



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Issuance

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	03/07 2022

Drawn By: KS

Checked By: JB

Project No. 1335

Drawing Title

ELECTRICAL RISER DIAGRAM - FLOORS 1 - 7

Drawing Scale:

Stamp

STATE OF LOUISIANA
JIM RONALD BASQUETTE
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ELECTRICAL ENGINEERING
James Basquette

E5.01

Drawing Number

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UPDATED: 2/18/2022 1:02 pm
ISSUED FOR: APPROVAL

PANEL P2A

LOCATION: ELEC RM 225
VOLTAGE: 120Y/208V
TRIM: SURFACE

MAIN: 200A MLO
SYSTEM: 3ø, 4W
BUS RATING 200A

CONN. LOAD: 38.5 KVA
FEED: TOP
GROUND BUS: YES COPPER

CKT	LOAD SERVED	COND	PHASE	NEUT	GND	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	GND	LOAD SERVED	CKT
1	PANEL 203					100/2	SF	5050 / 5550			SF	100/2					PANEL 205	2
3							SF		4750 / 4250		SF							4
5	PANEL 207					100/2	SF			4830 / –	–	100/2					SPARE	6
7							SF	4250 / –			–							8
9	PANEL 211					100/2	SF		5550 / –		–	–					"	10
11							SF			4250 / –	–	–					"	12
13	"					–	–	– / –			–	–					"	14
15	"					–	–		– / –		–	–					"	16
17	"					–	–			– / –	–	–					"	18
19	"					–	–	– / –			–	–					"	20
21	"					–	–		– / –		–	–					"	22
23	"					–	–			– / –	–	–					"	24
25	"					–	–	– / –			–	–					"	26
27	"					–	–		– / –		–	–					"	28
29	"					–	–			– / –	–	–					"	30
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33	"					–	–		– / –		–	–					"	34
35	"					–	–			– / –	–	–					"	36
37	"					–	–	– / –			–	–					"	38
39	"					–	–		– / –		–	–					"	40
41	"					–	–			– / –	–	–					"	42

INTERRUPT RATING: 14850 | 14550 | 9080 FROM:

LOADS (IN VA)	CONNECTED	DEMAND FACTOR	MINIMUM FEEDER
LIGHTING	6500	1.25	8125
RECEPTS TO 10 KVA	10000	1.0	10000
RECEPTS REMAINING	3580	0.5	1790
SPACE HEATING	0	0.0	0
AIR CONDITIONING	0	1.0	0

LOADS	CONNECTED	DEMAND FACTOR	MINIMUM FEEDER
NON-SEASONAL MOTORS	0	1.0	0
LARGEST MOTOR	0	0.25	0
WATER HEATING	0	1.0	0
KITCHEN EQUIP.	10000	1.0	10000

REMAINING CONTINUOUS LOADS	0	1.25	0	
REMAINING NON-CONTINUOUS LOADS	8400	1.0	8400	
DEMAND LOADS	0	1.0	0	
TOTAL CONNECTED LOAD	38.5	KVA	106.9	AMPS
MIN. FEEDER/PANEL CAP.	38.3	KVA	106.4	AMPS
OVERALL DEMAND FACTOR	1.00			

UPDATED: 3/7/2022 5:08 pm
ISSUED FOR: APPROVAL

PANEL 205

LOCATION: 205
VOLTAGE: 120/208V
TRIM: SURFACE

MAIN: 100A MLO
SYSTEM: 1ø, 3W
BUS RATING 100A

CONN. LOAD: 10.8 KVA
FEED: TOP
GROUND BUS: YES COPPER

	CKT	LOAD SERVED	COND	PHASE	NEUT	GND	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	GND	LOAD SERVED	CKT	
1.	1	DISHWASHER					20/1	R	900 / 360			R	20/1					RECPT – KITCHEN	2	
	3	GFCI					–	R		– / 900		R	20/1					REFRIGERATOR	4	1.
	5	LTG & RECPT – BATHROOM					20/1	L	607 / –			R	–					GFCI	6	
	7	RECPT – BEDROOM					20/1	R		1080 / 900		R	20/1					MICROWAVE	8	1.
	9	SPARE					20/1	–	– / –			R	–					GFCI	10	
	11	COOK TOP					20/2	K		1250 / 647		L	20/1					LTG & RECPT – KITCHEN	12	
	13						20/2	K	1250 / 1000			N	20/2					AC	14	
1.	15	DISPOSAL					20/1	N		900 / 1000		N							16	
	17	GFCI					–	R	– / –			–	–					"	18	
	19	"					–	–		– / –		–	–					"	20	
	21	"					–	–	– / –			–	–					"	22	
	23	"					–	–		– / –		–	–					"	24	

INTERRUPT RATING: 10 KAIC 4117 | 6677 FROM:

LOADS (IN VA)	CONNECTED	DEMAND FACTOR	MINIMUM FEEDER
LIGHTING	1254	1.25	1568
RECEPTS TO 10 KVA	4140	1.0	4140
RECEPTS REMAINING	0	0.5	0
SPACE HEATING	0	0.0	0
AIR CONDITIONING	0	1.0	0

LOADS	CONNECTED	DEMAND FACTOR	MINIMUM FEEDER
NON-SEASONAL MOTORS	0	1.0	0
LARGEST MOTOR	0	0.25	0
WATER HEATING	0	1.0	0
KITCHEN EQUIP.	2500	1.0	2500

REMAINING CONTINUOUS LOADS	0	1.25	0	
REMAINING NON-CONTINUOUS LOADS	2900	1.0	2900	
DEMAND LOADS	0	1.0	0	
TOTAL CONNECTED LOAD	10.8	KVA	51.9	AMPS
MIN. FEEDER/PANEL CAP.	11.1	KVA	53.4	AMPS
OVERALL DEMAND FACTOR	1.03			

TYP 1. PROVIDE GFCI CIRCUIT BREAKER.

UPDATED: 3/7/2022 5:01 pm
ISSUED FOR: APPROVAL

PANEL 203

LOCATION: 203
VOLTAGE: 120/208V
TRIM: SURFACE

MAIN: 100A MLO
SYSTEM: 1ø, 3W
BUS RATING 100A

CONN. LOAD: 11.5 KVA
FEED: TOP
GROUND BUS: YES COPPER

	CKT	LOAD SERVED	COND	PHASE	NEUT	GND	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	GND	LOAD SERVED	CKT	
1.	1	DISHWASHER					20/1	R	900 / 900			R	20/1					RECPT – LIVING	2	
	3	GFCI					–	R		– / 900		R	20/1					REFRIGERATOR	4	1.
	5	LTG & RECPT – BATHROOM					20/1	L	607 / –			R	–					GFCI	6	
	7	LTG & RECPT – BEDROOM					20/1	L		1457 / 900		R	20/1					MICROWAVE	8	1.
	9	SPARE					20/1	–	– / –			R	–					GFCI	10	
	11	COOK TOP					20/2	K		1250 / 116		L	20/1					LTG – KITCHEN	12	
	13						20/2	K	1250 / 1000			N	20/2					AC	14	
1.	15	DISPOSAL					20/1	N		900 / 1000		N	20/2						16	
	17	GFCI					–	R	– / 360			R	20/1					RECPT – KITCHEN	18	
	19	"					–	–		– / –		–	–					"	20	
	21	"					–	–	– / –			–	–					"	22	
	23	"					–	–		– / –		–	–					"	24	

INTERRUPT RATING: 10kAIC 5017 | 6523 FROM:

LOADS (IN VA)	CONNECTED	DEMAND FACTOR	MINIMUM FEEDER
LIGHTING	2180	1.25	2725
RECEPTS TO 10 KVA	3960	1.0	3960
RECEPTS REMAINING	0	0.5	0
SPACE HEATING	0	0.0	0
AIR CONDITIONING	0	1.0	0

LOADS	CONNECTED	DEMAND FACTOR	MINIMUM FEEDER
NON-SEASONAL MOTORS	0	1.0	0
LARGEST MOTOR	0	0.25	0
WATER HEATING	0	1.0	0
KITCHEN EQUIP.	2500	1.0	2500

REMAINING CONTINUOUS LOADS	0	1.25	0	
REMAINING NON-CONTINUOUS LOADS	2900	1.0	2900	
DEMAND LOADS	0	1.0	0	
TOTAL CONNECTED LOAD	11.5	KVA	55.5	AMPS
MIN. FEEDER/PANEL CAP.	12.1	KVA	58.1	AMPS
OVERALL DEMAND FACTOR	1.05			

1. PROVIDE GFCI CIRCUIT BREAKER.

UPDATED: 3/7/2022 5:04 pm
ISSUED FOR: APPROVAL

PANEL 207

LOCATION: 207
VOLTAGE: 120/208V
TRIM: SURFACE

MAIN: 100A MLO
SYSTEM: 1ø, 3W
BUS RATING 100A

CONN. LOAD: 10.4 KVA
FEED: TOP
GROUND BUS: YES COPPER

	CKT	LOAD SERVED	COND	PHASE	NEUT	GND	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	GND	LOAD SERVED	CKT	
1.	1	DISHWASHER					20/1	R	500 / 360			R	20/1					RECPT – KITCHEN	2	
	3	GFCI					–	R		– / 900		R	20/1					REFRIGERATOR	4	1.
	5	LTG & RECPT – BATHROOM					20/1	L	607 / –			R	–					GFCI	6	
	7	RECPT – BEDROOM					20/1	R		1080 / 900		R	20/1					MICROWAVE	8	1.
	9	SPARE					20/1	–	– / –			R	–					GFCI	10	
	11	COOK TOP					20/2	K		1250 / 647		L	20/1					LTG & RECPT – KITCHEN	12	
	13						20/2	K	1250 / 1000			N	20/2					AC	14	
1.	15	DISPOSAL					20/1	N		900 / 1000		N							16	
	17	GFCI					–	R	– / –			–	–					"	18	
	19	"					–	–		– / –		–	–					"	20	
	21	"					–	–	– / –			–	–					"	22	
	23	"					–	–		– / –		–	–					"	24	

INTERRUPT RATING: 10 KAIC 3717 | 6677 FROM:

LOADS (IN VA)	CONNECTED	DEMAND FACTOR	MINIMUM FEEDER
LIGHTING	1254	1.25	1568
RECEPTS TO 10 KVA	3740	1.0	3740
RECEPTS REMAINING	0	0.5	0
SPACE HEATING	0	0.0	0
AIR CONDITIONING	0	1.0	0

LOADS	CONNECTED	DEMAND FACTOR	MINIMUM FEEDER
NON-SEASONAL MOTORS	0	1.0	0
LARGEST MOTOR	0	0.25	0
WATER HEATING	0	1.0	0
KITCHEN EQUIP.	2500	1.0	2500

REMAINING CONTINUOUS LOADS	0	1.25	0	
REMAINING NON-CONTINUOUS LOADS	2900	1.0	2900	
DEMAND LOADS	0	1.0	0	
TOTAL CONNECTED LOAD	10.4	KVA	50	AMPS
MIN. FEEDER/PANEL CAP.	10.7	KVA	51.5	AMPS
OVERALL DEMAND FACTOR	1.03			

1. PROVIDE GFCI CIRCUIT BREAKER.

UPDATED: 3/7/2022 5:07 pm
ISSUED FOR: APPROVAL

PANEL 211

LOCATION: 211
VOLTAGE: 120/208V
TRIM: SURFACE

MAIN: 100A MLO
SYSTEM: 1ø, 3W
BUS RATING 100A

CONN. LOAD: 13.6 KVA
FEED: TOP
GROUND BUS: YES COPPER

	CKT	LOAD SERVED	COND	PHASE	NEUT	GND	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	GND	LOAD SERVED	CKT	
1.	1	DISHWASHER					20/1	R	500 / 1260			R	20/1					RECPT – LIVING	2	
	3	GFCI					–	R		– / 900		R	20/1					REFRIGERATOR	4	1.
	5	LTG & RECPT – BATHROOM					20/1	L	607 / –			R	–					GFCI	6	
	7	LTG & RECPT – BEDROOM					20/1	L		1637 / 900		R	20/1					MICROWAVE	8	1.
	9	SPARE					20/1	–	– / –			R	–					GFCI	10	
	11	COOK TOP					20/2	K		1250 / 107		L	20/1					LTG – KITCHEN	12	
	13						20/2	K	1250 / 1000			N	20/2					AC	14	
	15	LTG & RECPT – BATHROOM					20/1	L		607 / 1000		N							16	
1.	17	DISPOSAL					20/1	N	900 / 1277			L	20/1					LTG & RECPT – BEDROOM	18	
	19	GFCI					–	R		– / 360		L	20/1					RECPT – KITCHEN	20	
	21	"					–	–	– / –			–	–					"	22	
	23	"					–	–		– / –		–	–					"	24	

INTERRUPT RATING: 10 KAIC 6794 | 6761 FROM:

LOADS (IN VA)	CONNECTED	DEMAND FACTOR	MINIMUM FEEDER
LIGHTING	4595	1.25	5744
RECEPTS TO 10 KVA	3560	1.0	3560
RECEPTS REMAINING	0	0.5	0
SPACE HEATING	0	0.0	0
AIR CONDITIONING	0	1.0	0

LOADS	CONNECTED	DEMAND FACTOR	MINIMUM FEEDER
NON-SEASONAL MOTORS	0	1.0	0
LARGEST MOTOR	0	0.25	0
WATER HEATING	0	1.0	0
KITCHEN EQUIP.	2500	1.0	2500

REMAINING CONTINUOUS LOADS	0	1.25	0	
REMAINING NON-CONTINUOUS LOADS	2900	1.0	2900	
DEMAND LOADS	0	1.0	0	
TOTAL CONNECTED LOAD	13.6	KVA	65.2	AMPS
MIN. FEEDER/PANEL CAP.	14.7	KVA	70.7	AMPS
OVERALL DEMAND FACTOR	1.08			

1. PROVIDE GFCI CIRCUIT BREAKER.

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Project

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Issuance

No.	Description	Date
1	CONSTRUCTION	03/07
	DOCUMENTS	2022

Drawn By: KS
Checked By: JB
Project No. 1335

Drawing Title
ELECTRICAL PANEL SCHEDULES

Drawing Scale:

Stamp
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IN
ELECTRICAL ENGINEERING
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E5.02
Drawing Number