



ADDENDUM NO. 2

RE: Indiana University Bloomington
BL439 McNutt Central
Renovation of Existing Apartment

OWNER: The Trustees of Indiana University
Bloomington, Indiana

PROJECT No.: 20241429

ARCH. PROJECT
No.: 25-03

DATE: June 9, 2025

ISSUED BY: Springpoint Architects, p.c.
522 West 2nd Street
Bloomington, IN 47403

TO: Bidders

This Addendum modifies the Bidding Documents dated **May 22, 2025**, and will become part of the Contract Documents. Acknowledge receipt of this Addendum on Bid Form. Failure to do so may subject the Bidder to disqualification.

GENERAL CLARIFICATIONS:

None

CHANGES TO BIDDING REQUIREMENTS:

None

CHANGES TO SPECIFICATIONS:

1. Specification 260573 – POWER SYSTEMS STUDY shall be removed from the project specifications.

CHANGES TO DRAWINGS:

1. Sheet E803 – ELECTRICAL SCHEDULES & DETAILS, see attached.
 - a. Updated building power systems study to be completed by the owner. Contractor to coordinate exact requirements for all new electrical panels in this project with IU and completed power systems study prior to ordering of materials.

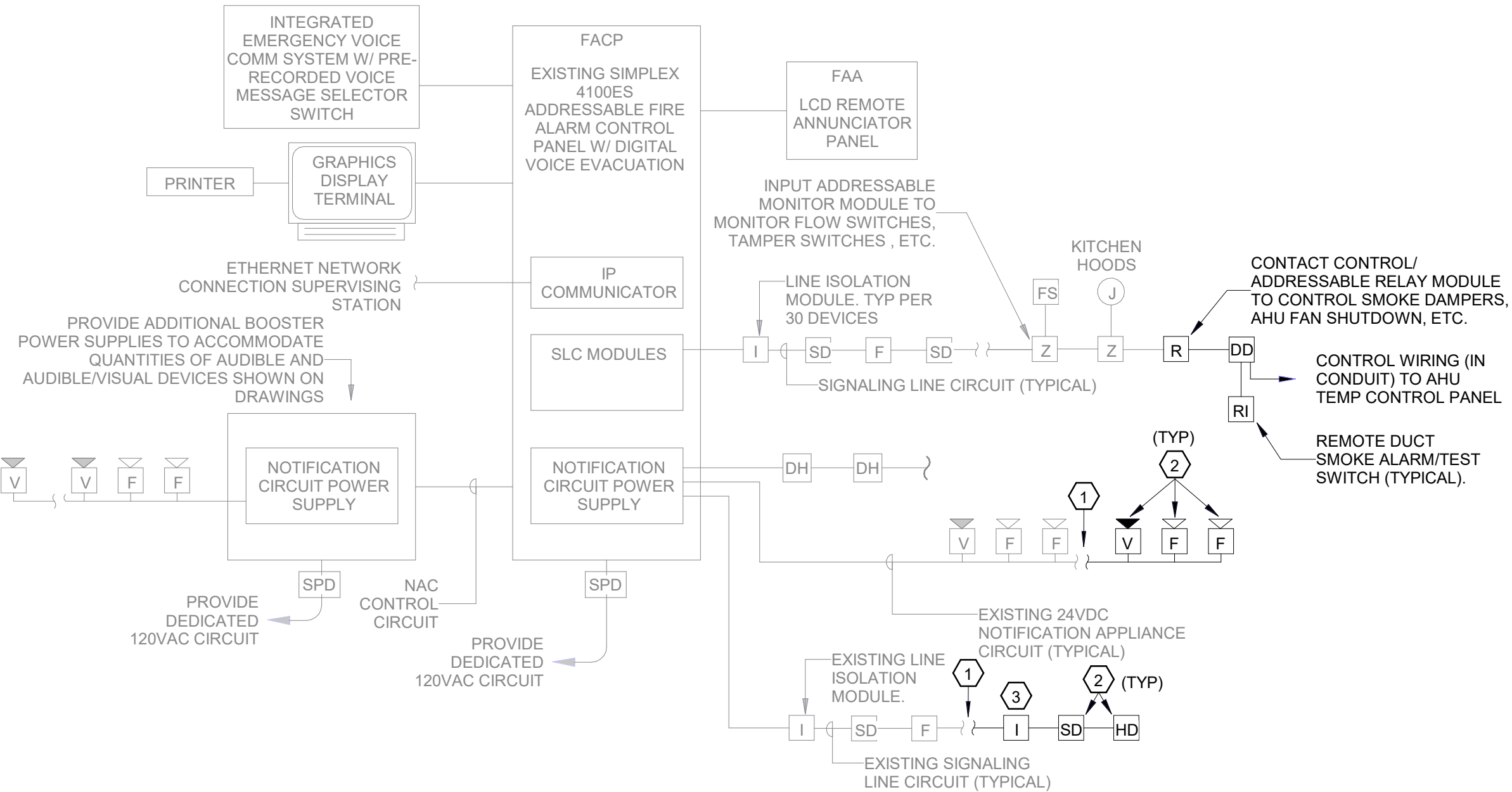
LIST OF ATTACHMENTS:

1. Sheet E803 – ELECTRICAL SCHEDULES & DETAILS

GENERAL FIRE ALARM NOTES:

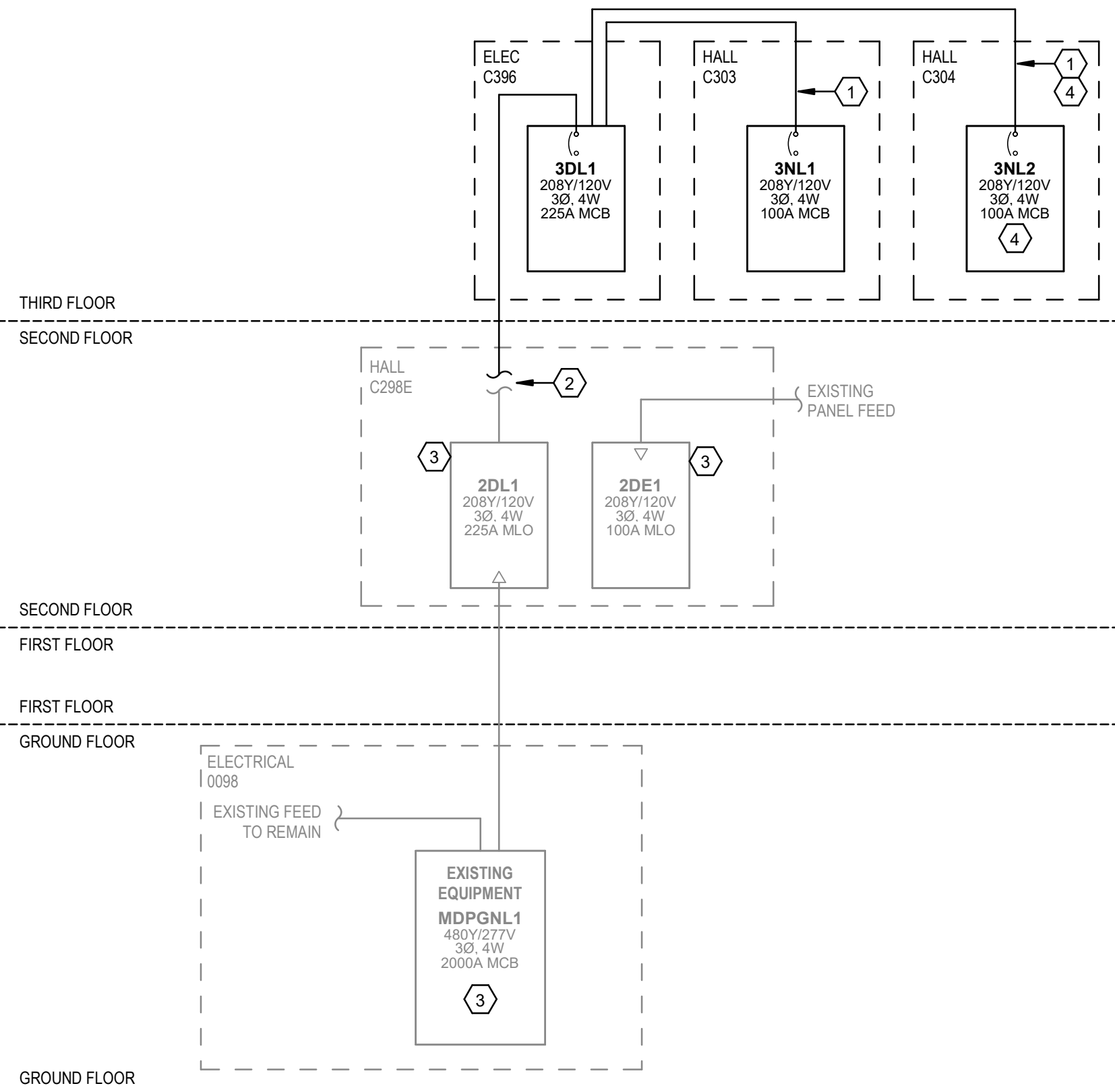
RISER DIAGRAM IS SHOWN TO ILLUSTRATE DESIGN INTENT AND DEVICE INTERCONNECTION ONLY. NOT ALL DEVICES INDICATED IN THIS DETAIL ARE SHOWN ON FLOOR PLANS. HALFTONE INDICATES ASSUMED EXISTING SYSTEM INFRASTRUCTURE, EQUIPMENT, AND DEVICES. SEE PLANS FOR LOCATIONS AND QUANTITIES OF ALL NEW FIRE ALARM DEVICES. FURNISH AND INSTALL ALL EQUIPMENT AND DEVICES TO MEET THE INTENT OF THE SPECIFICATIONS. ALL NEW FIRE ALARM DEVICES TO BE COMPATIBLE WITH ALL EXISTING FIRE ALARM SYSTEMS IN BUILDING. FIELD VERIFY EXACT SYSTEM SPECIFICATIONS PRIOR TO ORDERING OF MATERIALS.

- TO ALL OTHER DEVICES ON NEW/EXISTING LOOP/CIRCUIT AS REQUIRED. REFER TO FLOOR PLAN FOR PROPOSED DEVICE LOCATIONS.
- NEW FIRE ALARM DEVICES. SEE FLOOR PLANS FOR PROPOSED LOCATIONS.
- PROVIDE NEW "ISOLATOR MODULE" AS REQUIRED FOR NEW DEVICES. MOUNT IN A SURFACE NEMA-1 ENCLOSURE ABOVE THE SUSPENDED CEILING. PROVIDE AS REQUIRED BY SYSTEM MANUFACTURER TO ISOLATE LOOPS ON EACH FLOOR AND WITHIN EACH SMOKE COMPARTMENT.



1 FIRE ALARM RISER DIAGRAM - VOICE EVAC

NO SCALE



2 ELECTRICAL ONE-LINE DISTRIBUTION DIAGRAM

NO SCALE

UPDATED BUILDING POWER SYSTEMS STUDY TO BE COMPLETED BY IU. CONTRACTOR TO COORDINATE EXACT REQUIREMENTS FOR ALL NEW ELECTRICAL PANELS IN THIS PROJECT WITH IU AND COMPLETED POWER SYSTEMS STUDY PRIOR TO ORDERING OF MATERIALS.

PANELBOARD AND WIRING SCHEDULE (NEW)

NAME: 3DL1				MAINS TYPE: 225A MCB				SCCR (KA): MATCH EXISTING				FEED THRU LUGS:									
VOLTAGE: 208Y/120V,3Ø,4W				SPD: Yes				AVAIL FAULT (KA):				MULTI-SECTION: No									
AMPERES: 225 A				MOUNTING: SURFACE				SUPPLY FROM: 2DL1													
CIRCUIT DESCRIPTION	NOTES	WIRE	GND	C	OC	P	CKT	A	B	C	CKT	P	OC	C	GND	WIRE	NOTES	CIRCUIT DESCRIPTION			
3NL1	(3) #3	#8	1-1/4	100	3	1	7.0	7.2	10.3	10.1	4	3	100	1-1/4	#8	(3) #3		3NL2			
AHU-1 MECH C397	(3) #12	(1) #12	3/4"	20	3	9	7	1.3	0.5	1.3	0.5	1.3	1.0	12	1	20	3/4"	#12	#12	LTNG - THIRD FLOOR	
REC - HALLWAY C399		#12	#12	3/4"	20	1	13	0.5	0.5					10	1	20	3/4"	#12	#12	EF-1 JAN C398	
EXISTING LOAD - RM C301A		#12	#12	3/4"	20	1	15			0.4	0.2			16	1	20	3/4"	#12	#12	REC - RM C396	
EXISTING LOAD - RM C302		#12	#12	3/4"	20	1	17					0.4	0.7	18	1	20	3/4"	#12	#12	EXISTING LOAD - RM C301	
EXISTING LOAD - RM C301		#12	#12	3/4"	20	1	19	0.2	0.2					20	1	20	3/4"	#12	#12	EXISTING LOAD - RM C301	
EXISTING LOAD - RM C301		#12	#12	3/4"	20	1	21			0.5	0.0			22	1	20	--	--	--	SPARE	
EXISTING LOAD - RANGE RM C301	1	(2) #8	#10	1"	50	2	25	0.1	0.0			0.1	0.0	24	1	20	--	--	--	SPARE	
SPARE	--	--	--	--	--	--	27			0.0	0.0			26	1	20	--	--	--	SPARE	
SPARE	--	--	--	--	--	--	29					0.0	0.0	30	1	20	--	--	--	SPARE	
SPARE	--	--	--	--	--	--	31	0.0	0.0					32	1	20	--	--	--	SPARE	
SPARE	--	--	--	--	--	--	33				0.0	0.0		34	1	20	--	--	--	SPARE	
SPARE	--	--	--	--	--	--	35						0.0	0.0	36	1	20	--	--	--	SPARE
SPARE	--	--	--	--	--	--	37	0.0	0.0					38	1	20	--	--	--	SPARE	
SPARE	--	--	--	--	--	--	39			0.0	0.0			40	1	20	--	--	--	SPARE	
SPARE	--	--	--	--	--	--	41					0.0	0.0	42	1	20	--	--	--	SPARE	
TOTAL LOAD (KVA):								17.4 KVA		23.3 KVA		16.7 KVA									
TOTAL CURRENT (A):								146 A		195 A		139 A									
LOAD CLASSIFICATION			CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS												
EQUIP			500 VA		100.00%		500 VA		TOTAL CONNECTED LOAD: 57 KVA												
HVAC			5300 VA		100.00%		5300 VA		TOTAL ESTIMATED DEMAND: 35 KVA												
LTNG			1199 VA		125.00%		1499 VA		TOTAL CONNECTED CURRENT: 159 A												
REC			3560 VA		100.00%		3560 VA		TOTAL ESTIMATED DEMAND CURRENT: 98 A												
Dwelling Unit - Electric Clothes Dryer			9200 VA		40.00%		3680 VA														
Dwelling Unit - First 10kVa			9460 VA		100.00%		9460 VA														
Dwelling Unit - Fixed Appliance			20980 VA		40.00%		8392 VA														
Dwelling Unit - Small Appliance			7200 VA		40.00%		2880 VA														

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.
1. CONFIRM AND MATCH EXISTING WIRE AND BREAKER SIZE SERVING EXISTING EQUIPMENT.

PANELBOARD AND WIRING SCHEDULE (NEW)

NAME: 3NL1		MAINS TYPE: 100A MCB				SCCR (KA): COORDINATE WITH LUGS AND UPDATED BUILDING POWER SYSTEMS STUDY				FEED THRU LUGS: MULTI-SECTION: No										
VOLTAGE: 208Y/120V,3Ø,4W		SPD: No				AVAIL. FAULT (KA):														
AMPERES: 100 A		MOUNTING: FLUSH				SUPPLY FROM: 3DL1														
CIRCUIT DESCRIPTION	NOTES	WIRE	GND	C	OC	P	CKT	A	B	C	CKT	P	OC	C	GND	WIRE	NOTES	CIRCUIT DESCRIPTION		
REC - KITCHEN C303	1	#12	#12	3/4"	20	1	1	1.2	0.4		2	1	20	3/4"	#12	#12		LTNG - APARTMENT C303		
REC - KITCHEN C303	1	#12	#12	3/4"	20	1	3		1.2	4.0		4	2	50	1"	#10	(2) #8	1	RANGE	
REC - KITCHEN C303	1	#12	#12	3/4"	20	1	5				1.2	4.0	6							
REC - LIVING RM C303	1	#12	#12	3/4"	20	1	7	0.5	2.3				8	2	30	3/4"	#10	(2) #10	2	DRYER
REC - LIVING RM C303	1	#12	#12	3/4"	20	1	9		0.7	2.3			10							
REC - HALL C303	1	#12	#12	3/4"	20	1	11				0.4	0.2	12	1	20	3/4"	#12	#12	1	RANGE LIGHTS
REC - BATH C303	1	#12	#12	3/4"	20	1	13	1.4	1.2				14	1	20	3/4"	#12	#12	1	FRIDGE
REC - BEDROOM C303B	1	#12	#12	3/4"	20	1	15		0.9	1.2			16	1	20	3/4"	#12	#12	2	WASHER
REC - BEDROOM C303A	1	#12	#12	3/4"	20	1	17				0.9	--	18	1	--	--	--	--	SPACE	
SPARE	--	--	--	--	20	1	19	0.0	--				20	1	--	--	--	--	SPACE	
SPARE	--	--	--	--	20	1	21		0.0	--			22	1	--	--	--	--	SPACE	
SPARE	--	--	--	--	20	1	23				0.0	--	24	1	--	--	--	--	SPACE	
SPARE	--	--	--	--	20	1	25	0.0	--				26	1	--	--	--	--	SPACE	
SPARE	--	--	--	--	20	1	27		0.0	--			28	1	--	--	--	--	SPACE	
SPARE	--	--	--	--	20	1	29				0.0	--	30	1	--	--	--	--	SPACE	
TOTAL LOAD (KVA):								7.0 kVA		10.3 kVA		6.6 kVA								
TOTAL CURRENT (A):								59 A		86 A		55 A								
LOAD CLASSIFICATION	CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS													
LTNG	367 VA		125.00%		459 VA		TOTAL CONNECTED LOAD: 24 kVA													
REC	180 VA		100.00%		180 VA		TOTAL ESTIMATED DEMAND: 13 kVA													
Dwelling Unit - Electric Clothes Dryer	4600 VA		40.00%		1840 VA		TOTAL CONNECTED CURRENT: 67 A													
Dwelling Unit - First 10kVa	4640 VA		100.00%		4640 VA		TOTAL ESTIMATED DEMAND CURRENT: 36 A													
Dwelling Unit - Fixed Appliance	10580 VA		40.00%		4232 VA															
Dwelling Unit - Small Appliance	3600 VA		40.00%		1440 VA															
NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.																				
1. PROVIDE COMBINATION A.F.C.I. TYPE CIRCUIT BREAKER																				
2. PROVIDE DUAL FUNCTION A.F.C.I./G.F.C.I. TYPE CIRCUIT BREAKER.																				

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.
1. PROVIDE COMBINATION A.F.C.I. TYPE CIRCUIT BREAKER.
2. PROVIDE DUAL FUNCTION A.F.C.I./G.F.C.I. TYPE CIRCUIT BREAKER.

PANELBOARD AND WIRING SCHEDULE (NEW - ALTERNATE)

NAME: 3NL2		MAINS TYPE: 100A MCB				SCCR (KA): COORDINATE WITH ITO AND UPDATED BUILDING POWER SYSTEMS STUDY				FEED THRU LUGS: MULTI-SECTION: No									
VOLTAGE: 208Y/120V,3Ø,4W		SPD: No				AVAIL. FAULT (KA):													
AMPERES: 100 A		MOUNTING: FLUSH				SUPPLY FROM: 3DL1													
CIRCUIT DESCRIPTION	NOTES	WIRE	GND	C	OC	P	CKT	A	B	C	CKT	P	OC	C	GND	WIRE	NOTES	CIRCUIT DESCRIPTION	
REC - KITCHEN C304	1	#12	#12	3/4"	20	1	1	1.2	0.3		2	1	20	3/4"	#12	#12		LTNG - APARTMENT C304	
REC - KITCHEN C304	1	#12	#12	3/4"	20	1	3		1.2	4.0		4	2	50	1"	#10	(2) #8	1	RANGE
REC - KITCHEN C304	1	#12	#12	3/4"	20	1	5			1.2	4.0	6	1	20	--	--			
REC - LIVING RM C304	1	#12	#12	3/4"	20	1	7	0.7	2.3		8	2	30	3/4"	#10	(2) #10	2	DRYER	
REC - LIVING RM C304	1	#12	#12	3/4"	20	1	9		0.5	2.3	10	2	30	3/4"	#10	(2) #10	2	DRYER	
REC - HALL C304	1	#12	#12	3/4"	20	1	11			0.4	0.2	12	1	20	3/4"	#12	#12	1	RANGE LIGHTS
REC - BATH C304	1	#12	#12	3/4"	20	1	13	1.4	1.2		14	1	20	3/4"	#12	#12	1	FRIDGE	
REC - BEDROOM C304A	1	#12	#12	3/4"	20	1	15		0.9	1.2	16	1	20	3/4"	#12	#12	2	WASHER	
REC - BEDROOM C304B	1	#12	#12	3/4"	20	1	17			0.9	--	18	1	--	--	--		SPACE	
SPARE	--	--	--	20	1	19	0.0	--			20	1	--	--	--	--		SPACE	
SPARE	--	--	--	20	1	21		0.0	--		22	1	--	--	--	--		SPACE	
SPARE	--	--	--	20	1	23				0.0	--	24	1	--	--	--		SPACE	
SPARE	--	--	--	20	1	25	0.0	--			26	1	--	--	--	--		SPACE	
SPARE	--	--	--	20	1	27		0.0	--		28	1	--	--	--	--		SPACE	
SPARE	--	--	--	20	1	29				0.0	--	30	1	--	--	--		SPACE	
TOTAL LOAD (kVA):								7.2 kVA	10.1 kVA	6.6 kVA									
TOTAL CURRENT (A):								60 A	85 A	55 A									
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS											
LTNG		332 VA		125.00%		415 VA		TOTAL CONNECTED LOAD: 24 KVA											
REC		180 VA		100.00%		180 VA		TOTAL ESTIMATED DEMAND: 13 KVA											
Dwelling Unit - Electric Clothes Dryer		4600 VA		40.00%		1840 VA		TOTAL CONNECTED CURRENT: 36 A											
Dwelling Unit - First 10kVA		4820 VA		100.00%		4820 VA		TOTAL ESTIMATED DEMAND CURRENT: 36 A											
Dwelling Unit - Fixed Appliance		10400 VA		40.00%		4160 VA													
Dwelling Unit - Small Appliance		3600 VA		40.00%		1440 VA													
NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.																			
1. PROVIDE COMBINATION A.F.C.I. TYPE CIRCUIT BREAKER.																			
2. PROVIDE DUAL FUNCTION A.F.C.I./G.F.C.I. TYPE CIRCUIT BREAKER.																			