

- A. ALL PLANS ARE CONSIDERED DIAGRAMMATICAL. THEREFORE ALL EQUIPMENT SIZES AND DEVICE LOCATIONS ARE APPROXIMATE AND SUBJECT TO FIELD CONDITIONS AND PRODUCT APPROVAL.
- B. ELECTRICAL SERVICE ENTRANCE EQUIPMENT DESIGN IS BASED ON SIEMENS PRODUCTS. ACTUAL PRODUCTS USED MAY DIFFER IN SIZE AND CONFIGURATION AND SHALL BE NOTED IN FINAL PROJECT DOCUMENTS.
- C. COORDINATE WITH LOCAL UTILITY PROVIDER FOR EXACT SERVICE CONDUIT AND CONDUCTORS REQUIREMENTS.
- D. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH PGE ELECTRICAL SERVICE REQUIREMENTS.
- E. U.G. PRIMARY FEEDER SHALL HAVE A MINIMUM 48 INCH BURY.
- F. U.G. SECONDARY FEEDER SHALL HAVE A MINIMUM 36 INCH BURY.

G. REFER TO SHEET E1.11 FOR TYPICAL FEEDER SCHEDULE.

- H. SECONDARY CONDUIT SWEEPS SHALL BE MINIMUM 60 INCH RADIUS WITH A MINIMUM OR 7'-0" STRAIGHT CONDUIT RUN BETWEEN
- I. LOCATION AND INSTALLATION OF THE PRIMARY AND SECONDARY CONDUITS, TRANSFORMER, ETC. SHALL BE PROVIDED PER PGE ELECTRICAL SERVICE REQUIREMENTS.
- J. REFER TO SHEET E3.01 FOR ELECTRICAL ROOM EQUIPMENT LAYOUT.

PGE REQUIREMENTS

- CUSTOMER TO PROVIDE ALL TRENCHING AND BACKFILLING.
 TRENCH TO BE 36 INCHES DEEP AND 30 INCHES WIDE, MEASURED FROM FINAL GRADE.
- 2. ALL PGE CONDUCTORS TO BE INSTALLED IN GREY SCHEDULE 40, ELECTRICAL GRADE, PVC CONDUIT WITH NYLON PULL STRINGS (MIN 500 LBS. TEST). PGE TO DETERMINE THE SIZE AND NUMBER OF CONDUITS REQUIRED. ALL ELBOWS TO BE 36 INCH (MIN) RADIUS. ALL BENDS MAY BE FACTORY MADE. IF MORE THAN 270 DEGREES OF BENDS OR IF RUN IS LONGER THAN 150 FEET, BENDS MUST BE RIGID STEEL.
- CONSULT WITH PGE REPRESENTATIVE 2 WEEKS BEFORE STARTING MAIN POWER TRENCHING FOR A PRECONSTRUCTION CONFERENCE. INCLUDED IN THIS CONFERENCE WILL BE EXCAVATOR, PGE, TELCO, CATV, AND GAS.
 - CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES BEFORE TRENCHING. COORDINATE WITH CIVIL.



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Project Owner:

NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA PLACES

1208 N. JESSUP & 5627 N. MINNESOTA (R226159, R226160)



DESIGN DEVELOPMENT SET

PRELIMINARY

4.27.2021

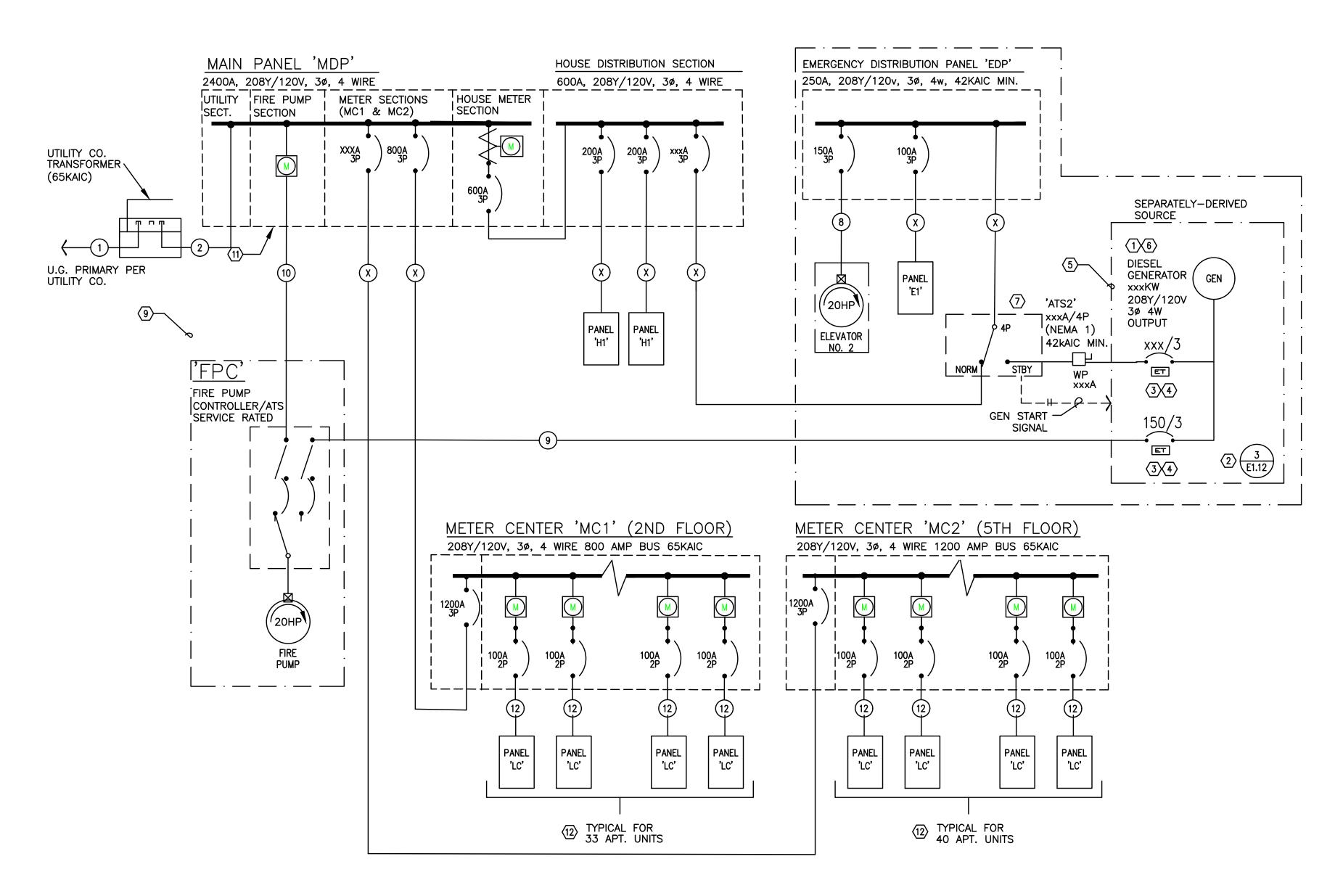
ORIGINAL SHEET SIZE: 22" x 34" HALF SIZE: 11" x 17"

Job #:

ELECTRICAL SITE PLAN

Drawing Number

E1.01



1 ELECTRIC ONE-LINE DIAGRAM
E1.11 208Y/120V, 3P, 4W

Estimated Loads 5/4/2021			sota Apart bution Car	ments iter "MDP"			
					501 UD	MOTORO	LARGEST
LOAD:	LIGHTS	RECEPT	HEAT	MISC	EQUIP	MOTORS	MOTOR
House Loads				222,000			
(14800sf @ 15w/sf)							
Elevator 1 (11.1hp/42A)						15,120	
Fire Pump (20hp)						22,350	22,3
Residential Meters				488,000			
SUBTOTAL	0	0	0	710,000	0	37,470	22,3
X-FACTOR	1.25	1 + .5	1	1	1	1	0.25
CODE LOAD:	0	0	0	710,000	0	37,470	5,

CONN LOAD:	770	KVA
VOLTS:	208	3ph
TOTAL CALC:	753	KVA
CALC AMPS:	2090	AMPS

RESERVED PANEL SCH

	FE	EDER :	SCHEDULE (C	0	PPER	
NO.	AMPS	CONDUIT	CONDUCTOR			
1	1200	*(5) 4"	BY UTILITY CO.	&	(1)	GND
2	1200A	*(3) 4"	ea w/ (4) #600Kcmil	&	(1) #3/0	GND
3	225A	2 1/2"	(4) #4/0	&	(1) #4	GND
4	100A	1 1/2"	(3) #1	&	(1) #8	GND
(5)	60A	1"	(3) #4	&	(1) #10	GND

* PARALLEL FEEDER

ONE-LINE GENERAL NOTES:

A. COORDINATE ALL WORK ASSOCIATED WITH ELECTRIC SERVICE WITH LOCAL UTILITY. PROVIDE ALL CONDUIT & CONDUCTORS, GROUNDING, TRANSFORMER VAULT/PAD, ETC., IN ACCORDANCE WITH SERVING UTILITY REQUIREMENTS.

B. COORDINATE METERING REQUIREMENTS WITH UTILITY.

C. FOR LOAD CENTER FEEDER LENGTHS GREATER THAN 145'-0" FROM METER CENTER, INCREASE WIRE SIZE ONE SIZE UP FOR VOLTAGE DROP.



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1208 N. JESSUP & 5627 N. MINNESOTA (R226159, R226160)



DESIGN DEVELOPMENT SET

PRELIMINARY	4.27.2021

ORIGINAL SHEET SIZE: 22" x 34" HALF SIZE: 11" x 17"

> ELECTRICAL ONE-LINE DIAGRAM

Drawing Number

											MINNES	SOTA APART	MENTS								
											RESIDENTIA	L LOAD SUM	MARY - MC1								
		QTY	PER FL	OOR						AREA	LTG/RECEPT	SM APPL	LAUNDRY	COOKING	MICROWAVE	DISHWASHER	ELECT DRYER		DISPOSAL	MOTORS	LARGEST OF
UNIT TYPE:	1.14	10	Liuo	1.1.4	1	1.10	1.17	1.40	TOTAL	(SF)	(2) (4 (05)	(4500) (4 × 0)	(4500) (4)	(OONINEOTED)	(OONNEOTED)	(OONNEOTED)	(OONNEOTED)	HEATER	(OONNE OTE D)	(OONNECTED)	AC/HEATING
	LM 1	Lvl 2	LW 3	LW 4	LWS	LVI 6	LM /	Lvl 8			(3VA / SF)	(1500VA X 2)	(1500VA)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED
1 Bedroom	1	2	2	2					7	300	900	3000	1500	8000	1700	0	5400	0	900	0	
2 Bedroom	2	4	4	4					14	578	1734	3000	1500	8000	1700	0	5400	0	900	0	
2 Dearboin		"	"	~					'-	0,0	1,04	3000	1500		1700		3400		300		
3 Bedroom	1	4	4	4					13	700	2100	3000	1500	8000	1700	0	5400	0	900	0	
TOTALS:	4	10	10	10	0	0	0	0	34	19292	57876	102000	51000	272000	57800	0	183600	0	30600	0	

VOLTS:
TOTAL CONNECTED:
DEMAND FACTOR:
TOTAL CALCULATED:
CALCULATED AMPS: 208 3ph
755 KVA
0.3 Based on Total Number of Residential Units = 34-36 (See N.E.C. Article: 220.84)
226 KVA
629 AMPS NOTE:

											SOTA APARTI AL LOAD SUN									
UNIT TYPE:		QTY PER FI	OOR					TOTAL	AREA (SF)	LTG/RECEPT	SM APPL	LAUNDRY	COOKING	MICROWAVE	DISHWASHER	ELECT DRYER	WATER HEATER	DISPOSAL	MOTORS	LARGEST OF: AC/HEATING
	Lvl 1	Lvi 2 Lvi 3	Lvl 4	Lvl 5	Lvl 6	Lvl 7	Lvl 8			(3VA / SF)	(1500VA X 2)	(1500VA)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)
1 Bedroom				2	2	2	2	8	300	900	3000	1500	8000	1700	0	5400	0	900	0	0
2 Bedroom				4	4	4	4	16	578	1734	3000	1500	8000	1700	0	5400	o	900	О	0
3 Bedroom				4	4	4	4	16	700	2100	3000	1500	8000	1700	О	5400	О	900	0	0
TOTALS:	0	0 0	0	10	10	10	10	40	22848	68544	120000	60000	320000	68000	0	216000	0	36000	0	0
	DEM. TOTA	TS: AL CONNECT AND FACTO AL CALCULA CULATED AM	R: TED:					208 889 0.28 249 691	Based o	on Total Numbe	er of Residentia	al Units = 39-42	2 (See N.E.C. /	Article: 220.84	1)					
	NOTE	≣:																		

		DWELI	LING UNI	TLOAD	CALCUL	ATION			
		Project:	Minneso	ota Apart	ments				
		Unit Type	1Bedroom						
		Area:	300	square fe	et(averag	e)			
Minimum	Viza Faada	* /NIC 220	40\.						
winimum a		r (NEC 220.		_			000	1/4	
			at 3 VA / SI		ah)		900 3,000		
			(2 ckts at 1	SOUVA ead	JII)			VA	
	Range	oad (1 ckt a	1000VA)				8,000		
		king Applica	nce Load (N	Aicrowayo (Dvon I		1,700		
	Dishwashe		ince Load (N	nicrowave (Jven)			VA	
	Electric Dr							VA	
		yer Loau 'ater Heater	Load					VA	
	Disposal lo		Loau				900		
	Other moto								
	Other moto	orioads					U	VA	
	T 1 1 10						44.500	1/4	
	Total "Gen	eral Loads"					14,500	VA	
	Circt 10 Id	// of!!acno	ral laada" a	1000/			10.000	1/4	
			ral loads" a				10,000 1.800		
	Remainder	or genera	l loads" at 4	1 0%			1,800	VA	
	Not "goner	rol lood"					11,800	1/1	
	Net "gener	al load					11,000	VA	
Largest of.	2 500	V/A of alac	ctric space	heating (le	ce than 4) o	t 65%	2,275	٧/٨	
-or-	3,500		ctric space				,	VA	
-or-			conditioning					VA	
-01-		VA OF AIT	Conditioning	/Cooming/me	at pullips a	10076	0	VA	
	TOTAL LO	AD					14,075	VA	
	I S I AL LO						17,070	VA	
For 120/20	8-volt. 3-wii	re. single-pl	hase service	e or feeder					
		VA / 208					68	Amps	
	,	250							

Loadcenter Name mounti	no.) 1 3) 5) 7) 9	Τ	bu DA M L2	locatio us & ma LO no. 2 4	ain (SCCR: a/p 20/1(A)	service APPLIANCE CIRCUIT
voltage phase 208/120 1 service a/p LIGHTS-KITCHEN/LIVING 20/1(A LTS & RECEPT - BATH 20/1 LTS & RECEPT - LIVING 20/1(A LTS & RECEPT - LIVING (OPT) 20/1(A LTS & RECEPT - BEDROOM 20/1(A SPARE 20/1	no.) 1 3) 5) 7	100 L1 *	bu DA M L2	no.	(SCCR: a/p 20/1(A)	service APPLIANCE CIRCUIT
208/120 1 service a/p LIGHTS-KITCHEN/LIVING 20/1(A LTS & RECEPT - BATH 20/1 LTS & RECEPT - LIVING 20/1(A LTS & RECEPT - LIVING (OPT) 20/1(A LTS & RECEPT - BEDROOM 20/1(A SPARE 20/1) 1 3) 5) 7) 9	L1 *	DA M	no.	(SCCR: a/p 20/1(A)	service APPLIANCE CIRCUIT
service a/p LIGHTS-KITCHEN/LIVING 20/1(A LTS & RECEPT - BATH 20/1 LTS & RECEPT - LIVING 20/1(A LTS & RECEPT - LIVING (OPT) 20/1(A LTS & RECEPT - BEDROOM 20/1(A SPARE 20/1) 1 3) 5) 7) 9	L1 *	L2 *	no. 2 4	a/p 20/1(A)	service APPLIANCE CIRCUIT
LIGHTS-KITCHEN/LIVING 20/1(A LTS & RECEPT - BATH 20/1 LTS & RECEPT - LIVING 20/1(A LTS & RECEPT - LIVING (OPT) 20/1(A LTS & RECEPT - BEDROOM 20/1(A SPARE 20/1) 1 3) 5) 7) 9	*	*	2	20/1(A)	APPLIANCE CIRCUIT
LTS & RECEPT - BATH 20/1 LTS & RECEPT - LIVING 20/1(A LTS & RECEPT - LIVING (OPT) 20/1(A LTS & RECEPT - BEDROOM 20/1(A SPARE 20/1	3) 5) 7) 9	*		4	· · /	
LTS & RECEPT - LIVING 20/1(A LTS & RECEPT - LIVING (OPT) 20/1(A LTS & RECEPT - BEDROOM 20/1(A SPARE 20/1) 5) 7) 9	*				APPLIANCE CIRCUIT
LTS & RECEPT - LIVING (OPT) 20/1(A LTS & RECEPT - BEDROOM 20/1(A SPARE 20/1	7 9				20/1	REFRIGERATOR
LTS & RECEPT - BEDROOM 20/1(A SPARE 20/1) 9		*	8		MICRO/HOOD
SPARE 20/1	<u> </u>	*		10		RANGE (2-BURNER)
SPARE 20/1	11		*	12	*	*
	13	*		14	20/1	DISPOSAL (OPTIONAL)
SMART PANEL (OPTIONAL) 20/1	15		*	16	20/1	SPARE
SPARE 20/1	17	*		18	20/1	SPARE
SPARE 20/1	19		*	20	20/1	SPARE
BLANK	21	*		22		BLANK
BLANK	23		*	24		BLANK
BLANK	25	*		26		BLANK
BLANK	27		*	28		BLANK
BLANK	29	*		30		BLANK
NOTES: 1. (A) DENOTES: ARC-FAULT INTERRUPT 2. LOADS FOR THIS PANEL ARE INDICAT						

		DWELL	ING UN	IT LOAD C	ALCULA	NOITA			
		Project:	Minnes	ota Apartm	ents				
		Unit Type	2Bedroom	1					
		Area:	578	square feet	(average)				
Minimum 9	Size Feede	r (NEC 220.	40).						
William C		thting load a		F			1,734	VA	
				1500VA each)			3,000		
		oad (1 ckt a		1000 (71 00011)				VA	
	Range	oud (1 ont d	10001717				8,000		
		king Appliar	nce Load (N	Microwave Ove	n)		1,700		
	Dishwashe				,			VA	
	Electric D	ver Load					0	VA	
		ater Heater	Load					VA	
	Disposal I						900	VA	
	Other mot	or loads					0	VA	
	Total "Gen	eral Loads"					15,334	VA	
	First 10 k\	/A of "gener	ral loads" a	t 100%			10,000	VA	
		r of "general					2,134	VA	
	Net "gene	ral load"					12,134	VA	
Largest of.	5.000	VA of elec	tric space	heating (less t	han 4) at	65%	3,250	VA	
-or-	· ·			heating (4 or r				VA	
-or-				g/cooling/heat			0	VA	
	TOTAL LC	AD					15,384	VA	
For 120/20		re, single-pl		e or feeder,					
	15,384	VA / 208 v	olts =				74	Amps	
Therefore	thin duallin		h a namaitt	ed to be serve	d lave a	100	amp service	_	

	MFIA CI	RCUIT	DIRE	ECTO	DRY		04-May-2 ⁻
Loadcenter Name	mountin	g			locatio	n	•
LC-2BR (TYPICAL)		RECES	SSE)			
voltage	phase			bı	us & ma	ain	
208/120	1		100	A M	LO	(SCCR:	22K)
service	a/p	no.	L1	L2	no.	a/p	service
_IGHTS-KITCHEN/LIVING	20/1(A)	1	*		2	20/1(A)	APPLIANCE CIRCUIT
_TS & RECEPT - BATH	20/1	3		*	4	20/1(A)	APPLIANCE CIRCUIT
_TS & RECEPT - LIVING	20/1(A)	5	*		6	20/1	REFRIGERATOR
_TS & RECEPT - LIVING (OPT)	20/1(A)	7		*	8	20/1	MICRO/HOOD
_TS & RECEPT - BEDROOM	20/1(A)	9	*		10	30/2	RANGE (2-BURNER)
_TS & RECEPT - BEDROOM	20/1(A)	11		*	12	*	*
SPARE	20/1	13	*		14	20/1	DISPOSAL (OPTIONAL)
SMART PANEL (OPTIONAL)	20/1	15		*	16	20/1	SPARE
SPARE	20/1	17	*		18	20/1	SPARE
SPARE	20/1	19		*	20	20/1	SPARE
BLANK		21	*		22		BLANK
BLANK		23		*	24		BLANK
BLANK		25	*		26		BLANK
BLANK		27		*	28		BLANK
BLANK		29	*		30		BLANK
NOTES: 1. (A) DENOTES: ARC-FAULT INT 2. LOADS FOR THIS PANEL ARE 3. BREAKER & WIRE SHALL BE	INDICATE	D ON T	HE	"DW	ELLING	S UNIT LO	

	Unit Type		Project: Minnesota Apartments						
	Sint Type	3 Bedroon	n						
	Area:	700	square feet(average)						
ze Feede	r (NEC 220.	40).							
			=		2,100	VA			
Range	·				8,000	VA			
		nce Load (N	/licrowave Oven)		1,700	VA			
Dishwash	er Load				0	VA			
		Load				VA			
Other mot	or loads				0	VA			
otal "Gen	eral Loads"				22,600	VA			
First 10 k\	/A of "gener	al loads" a	t 100%		10,000	VA			
					5,040	VA			
let "gene	ral load"				15,040	VA			
	VA of elec	tric space	heating (less than 4) at	65%	0	VA			
6,500					2,600	VA			
	VA of air o	onditioning	/cooling/heat pumps at	100%	0	VA			
OTAL LO)AD				17 640	VA			
J LO					11,040				
			e or feeder,						
17,640	VA / 208 v	olts =			85	Amps			
	small Appleaundry Local English Washe Electric Dishwashe Electric Wolsposal In Other motivate Total "General Electric Wolsposal In Other motivate Total "General Electric Wolsposal In Other Motivate Total "General Electric Total Electric	small Appliance load aundry Load (1 ckt a aundry Load (1 ckt	small Appliance load (2 ckts at 1 aundry Load (1 ckt at 1500VA) Range Other Cooking Appliance Load (Nother Cooking Appliance	Range Other Cooking Appliance Load (Microwave Oven) Oishwasher Load Electric Dryer Load Electric Water Heater Load Oisposal load Other motor loads First 10 kVA of "general loads" at 100% Remainder of "general loads" at 40% Let "general load" VA of electric space heating (less than 4) at 6,500 VA of air conditioning/cooling/heat pumps at VA of A-wire, single-phase service or feeder,	Small Appliance load (2 ckts at 1500VA each) aundry Load (1 ckt at 1500VA) Range Other Cooking Appliance Load (Microwave Oven) Oishwasher Load Electric Dryer Load Electric Water Heater Load Oisposal load Other motor loads First 10 kVA of "general loads" at 100% Remainder of "general loads" at 40% OVA of electric space heating (less than 4) at 65% 6,500 VA of electric space heating (4 or more) at 40% VA of air conditioning/cooling/heat pumps at 100% OTAL LOAD OTAL LOAD OTAL LOAD	Simall Appliance load (2 ckts at 1500VA each) auundry Load (1 ckt at 1500VA) Sange Sther Cooking Appliance Load (Microwave Oven) Sishwasher Load Siectric Dryer Load Siectric Water Heater Load			

	MFIA C	IRCUIT	DIRE	СТ	DRY		04-May-21
Loadcenter Name mounting			location				
LC-3BR (TYPICAL)	RECESSED)			
voltage	phase			bı	us & ma	ain	
208/120	1		100	A M	LO	(SCCR:	22K)
service	a/p	no.	L1	L2	no.	a/p	service
LIGHTS-KITCHEN/LIVING	20/1(A)	1	*		2	20/1(A)	APPLIANCE CIRCUIT
LTS & RECEPT - BATH	20/1	3		*	4	20/1(A)	APPLIANCE CIRCUIT
LTS & RECEPT - LIVING	20/1(A)	5	*		6	20/1	REFRIGERATOR
LTS & RECEPT - LIVING (OPT)	20/1(A)	7		*	8	20/1	MICRO/HOOD
LTS & RECEPT - BEDROOM	20/1(A)	9	*		10	30/2	RANGE (2-BURNER)
LTS & RECEPT - BEDROOM	20/1(A)	11		*	12	*	*
LTS & RECEPT - BEDROOM	20/1(A)	13	*		14	20/1	DISPOSAL (OPTIONAL)
SMART PANEL (OPTIONAL)	20/1	15		*	16	20/1	SPARE
SPARE	20/1	17	*		18	20/1	SPARE
SPARE	20/1	19		*	20	20/1	SPARE
BLANK		21	*		22		BLANK
BLANK		23		*	24		BLANK
BLANK		25	*		26		BLANK
BLANK		27		*	28		BLANK
BLANK		29	*		30		BLANK
NOTES: 1. (A) DENOTES: ARC-FAULT INTERRUPTER CIRCUIT BREAKER. INSTALL PER NEC 210.12							
2. LOADS FOR THIS PANEL ARE INDICATED ON THE "DWELLING UNIT LOAD CALCULATION".							
3. BREAKER & WIRE SHALL BE SIZED FOR EQUIPMENT INSTALLED.							
4. (G) DENOTES GFCI RATED BREAKER.							



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Project Owner:

NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA **PLACES**

1208 N. JESSUP & 5627 N. MINNESOTA (R226159, R226160)



DESIGN DEVELOPMENT SET

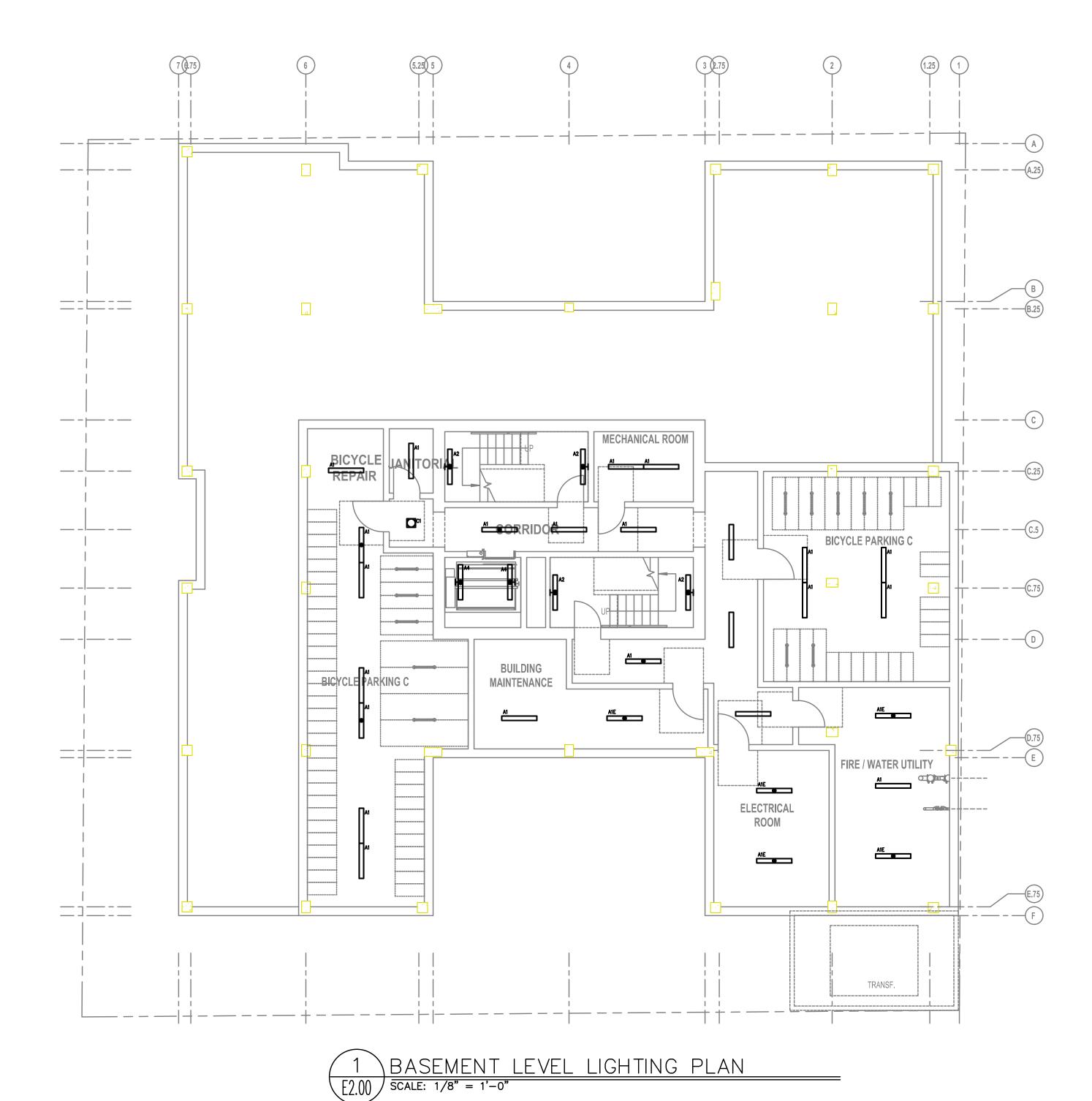
PRELIMINARY	4.27.2021
_	
-	

PRELIMINARY

2020 ORIGINAL SHEET SIZE: 22" x 34" HALF SIZE: 11" x 17"

> RESIDENTIAL LOAD SUMMARY

Drawing Number



GENERAL LIGHTING NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL & INTERIOR DESIGN DRAWINGS FOR EXACT LOCATIONS, MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- C. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE RESIDENTIAL UNITS.
- D. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.
- . REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.
- F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE PROPER COVERAGE AND CONTROL.
- G. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.
- H. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.
- ALL EGRESS FIXTURES SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER. REFER TO SWITCHING DETAILS ON SHEET E1.22.
- J. REFER TO SHEET E1.23 FOR LIGHTING CONTROL DIAGRAMS AND DESIGN INTENT. VERIFY LIGHTING CONTROLLABILITY WITH ARCHITECT AND/OR OWNER'S REPRESENTATIVE TO DETERMINE EXACT NEEDS FOR ALL PUBLIC/COMMON AREAS SUCH AS LOBBIES, OFFICES, LOUNGE AREAS, ETC., PRIOR TO THE START OF ANY WORK.
- K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

○ KEYED NOTES:

- 1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
- 2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
- 3. LIGHT FIXTURES IN THIS SPACE CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.
- 4. PROVIDE PHOTOCELL FOR DAY-LIGHT REDUCTION OF LIGHT LEVELS.
- 5. CONTRACTOR TO COORDINATE WITH LANDSCAPE LIGHTING INSTALLER AND PROVIDE ROUGH—IN AND POWER CONNECTION(S) AS REQUIRED.
- 6. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 7. REFER TO THE E3 SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER DEVICE LAYOUT.



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Consulting Engineers 2007 S.E. Ash St. Portland, OR 97214 PHN: (503) 234-0548 FAX: (503) 234-0677 INC. WWW.MFIA-ENG.COM CONTACT: DENISE TAYLOR Project Owner:

NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA

PLACES

1208 N. JESSUP &

5627 N. MINNESOTA (R226159, R226160)



SET

PRELIMINARY	4.27.20

Job #: 202

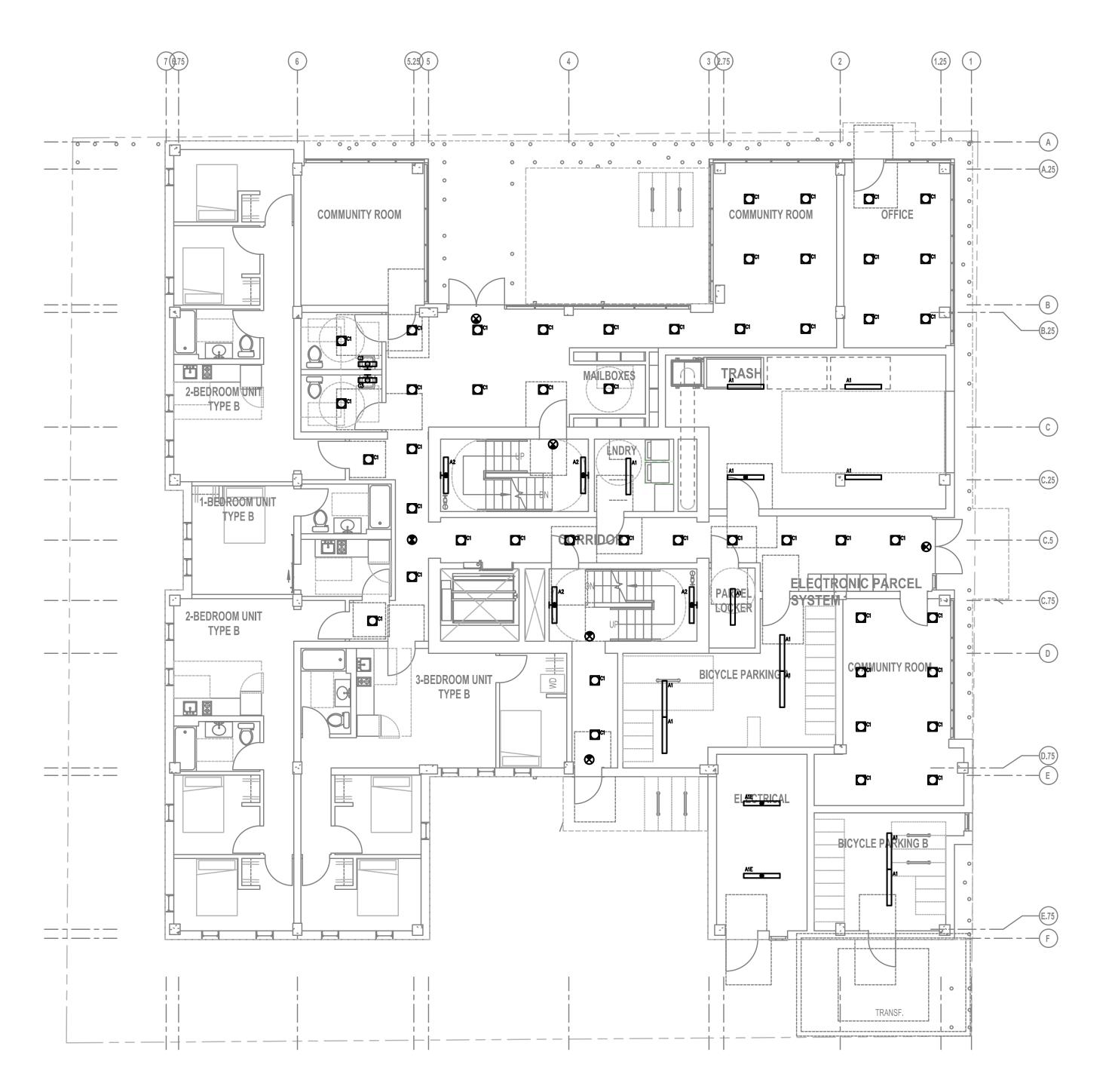
ORIGINAL SHEET SIZE: 22" x 34"

HALF SIZE: 11" x 17"

BASEMENT LEVEL LIGHTING PLAN

Drawing Number

E2.00



1 FIRST FLOOR LIGHTING PLAN
E2.01 SCALE: 1/8" = 1'-0"

GENERAL LIGHTING NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL & INTERIOR DESIGN DRAWINGS FOR EXACT LOCATIONS, MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- C. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE RESIDENTIAL UNITS.
- D. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.
- E. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.
- F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE PROPER COVERAGE AND CONTROL.
- G. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.
- H. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.
- ALL EGRESS FIXTURES SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER. REFER TO SWITCHING DETAILS ON SHEET E1.22.
- J. REFER TO SHEET E1.23 FOR LIGHTING CONTROL DIAGRAMS AND DESIGN INTENT. VERIFY LIGHTING CONTROLLABILITY WITH ARCHITECT AND/OR OWNER'S REPRESENTATIVE TO DETERMINE EXACT NEEDS FOR ALL PUBLIC/COMMON AREAS SUCH AS LOBBIES, OFFICES, LOUNGE AREAS, ETC., PRIOR TO THE START OF ANY WORK.
- K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

O KEYED NOTES:

- 1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
- 2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
- 3. LIGHT FIXTURES IN THIS SPACE CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.
- . PROVIDE PHOTOCELL FOR DAY-LIGHT REDUCTION OF LIGHT LEVELS.
- CONTRACTOR TO COORDINATE WITH LANDSCAPE LIGHTING INSTALLER AND PROVIDE ROUGH—IN AND POWER CONNECTION(S) AS REQUIRED.
- 6. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 7. REFER TO THE E3 SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER DEVICE LAYOUT.



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NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA PLACES

1208 N. JESSUP & 5627 N. MINNESOTA (R226159, R226160)



DESIGN DEVELOPMENT SET

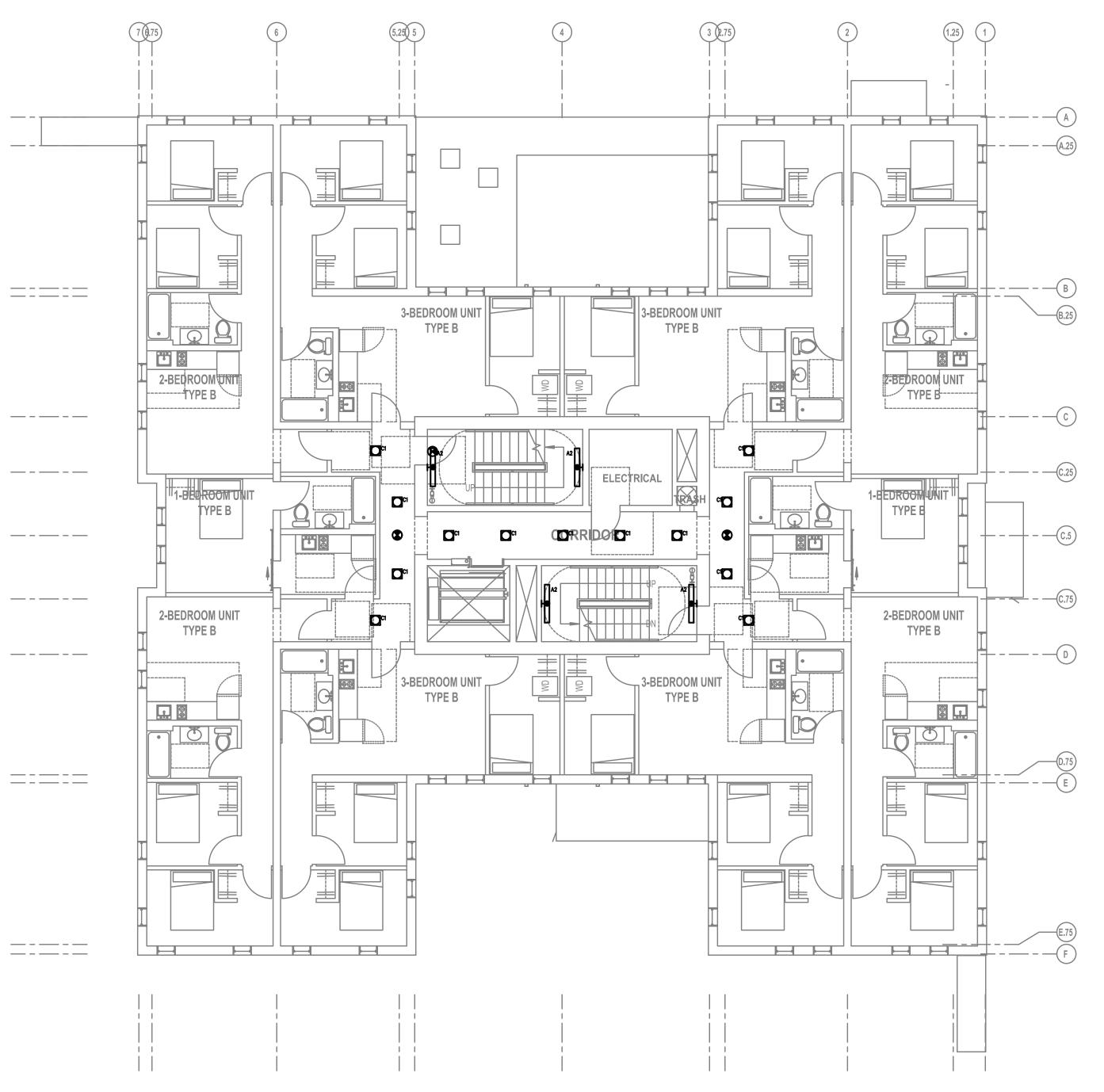
FIRST FLOOR LIGHTING PLAN

ORIGINAL SHEET SIZE: 22" x 34" HALF SIZE: 11" x 17"

2020

Drawing Number

E2.01



1 SECOND FLOOR LIGHTING PLAN

[2.02] SCALE: 1/8" = 1'-0"

GENERAL LIGHTING NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL & INTERIOR DESIGN DRAWINGS FOR EXACT LOCATIONS, MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- C. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE RESIDENTIAL UNITS.
- D. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.
- E. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.
- F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE PROPER COVERAGE AND CONTROL.
- G. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.
- H. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.
- I. ALL EGRESS FIXTURES SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER. REFER TO SWITCHING DETAILS ON SHEET E1.22.
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- K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

KEYED NOTES:

- 1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL
- 2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
- 3. LIGHT FIXTURES IN THIS SPACE CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.
- 4. PROVIDE PHOTOCELL FOR DAY-LIGHT REDUCTION OF LIGHT LEVELS.
- 5. CONTRACTOR TO COORDINATE WITH LANDSCAPE LIGHTING INSTALLER AND PROVIDE ROUGH—IN AND POWER CONNECTION(S) AS REQUIRED.
- 6. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 7. REFER TO THE E3 SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER DEVICE LAYOUT.



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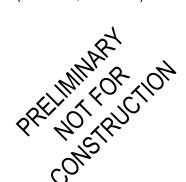
Consulting Engineers 2007 S.E. Ash St. Portland, OR 97214 PHN: (503) 234-0548 FAX: (503) 234-0677 INC. WWW.MFIA-ENG.COM CONTACT: DENISE TAYLOR Project Owner:

NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA PLACES

1208 N. JESSUP & 5627 N. MINNESOTA (R226159, R226160)



DESIGN DEVELOPMENT SET

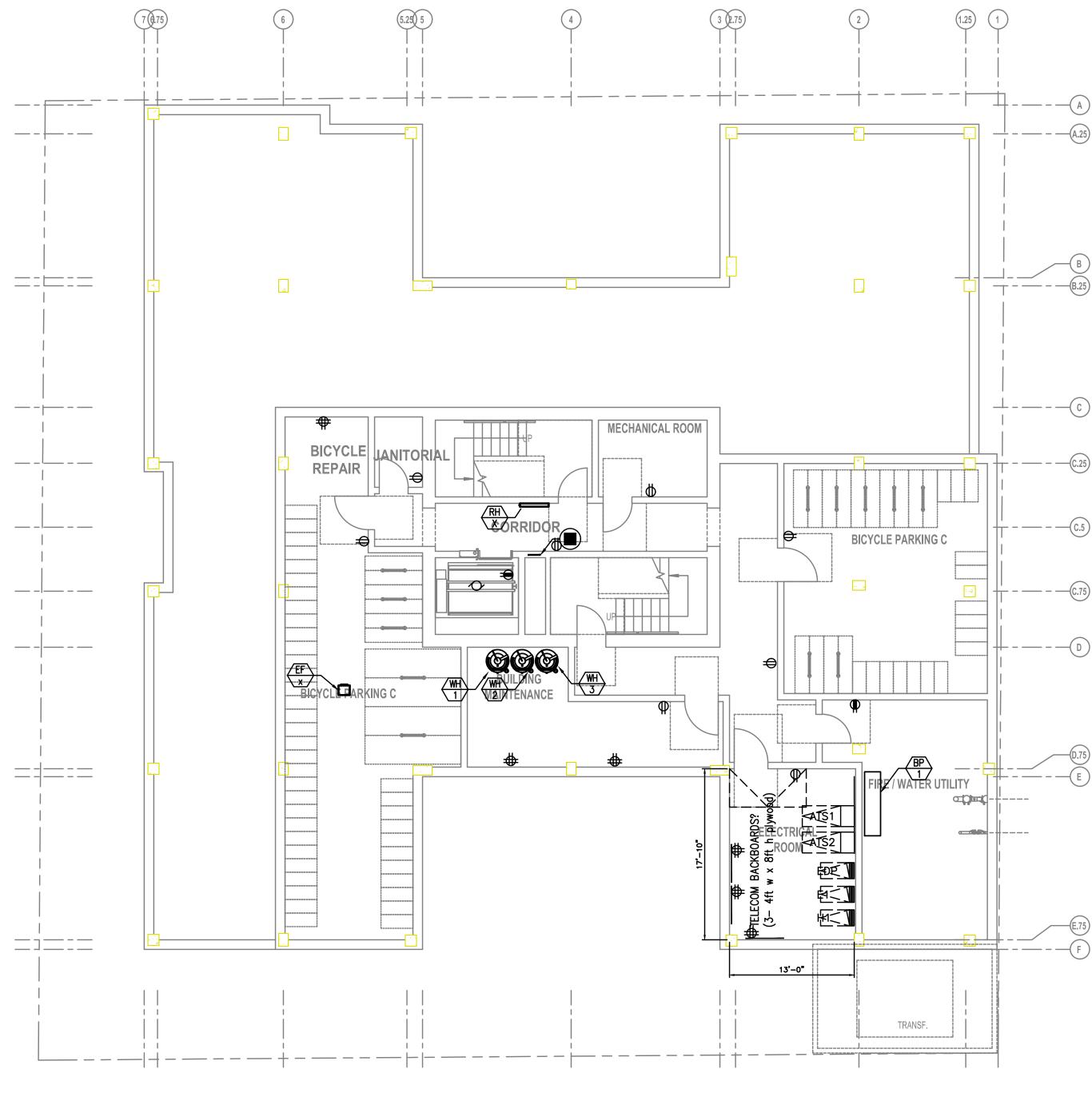
PRELIMINARY	4.27.202
Job #:	2020

SECOND FLOOR LIGHTING PLAN

ORIGINAL SHEET SIZE: 22" x 34" HALF SIZE: 11" x 17"

Drawing Number

E2.02



1 BASEMENT LEVEL POWER PLAN E3.00 SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES.
- C. ELECTRICAL CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR, AS REQUIRED. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- D. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS AS REQUIRED. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.
- E. COORDINATE WITH DIVISION 23 FOR EXACT LOCATION AND POWER REQUIREMENTS OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH IN. REFER TO SHEET E1.13 FOR MECHANICAL EQUIPMENT SCHEDULE.
- F. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- G. ELECTRICAL CONTRACTOR SHALL REFER TO THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR THE LOW VOLTAGE SYSTEMS/FIRE ALARM INSTALLER.
- H. SERVICE ENTRANCE AND METERING EQUIPMENT SHOWN TO APPROXIMATE SCALE, BASED ON SIEMENS PRODUCTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT INSTALLED EQUIPMENT FITS THE SPACE PROVIDED AND THAT ALL REQUIRED WORKING CLEARANCES ARE PROVIDED.
- J. PROVIDE A KEY BOX AT THE TRANSFORMER ROOM DOOR PER THE UTILITY PROVIDER'S REQUIREMENTS, FOR 24/7 ACCESS.
- L. REFER TO 'E4' SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER PLANS.

O KEYED POWER NOTES:

- 1. PROVIDE KEY BOX FOR PGE AT METER ROOM FOR 24/7 ACCESS.
- 2. GENERATOR EMERGENCY DISCONNECT.
- 3. LAUNDRY ROOM GFCI RECEPTACLES FOR WASHING MACHINES TO BE MOUNTED AT 42" A.F.F., OR UNLESS OTHERWISE DIRECTED BY THE ARCHITECT. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
- 4. 40A, DEDICATED 14-40R DRYER RECEPTACLE (TYPICAL). VERIFY EXACT POWER RATING REQUIRED FOR THE COMMERCIAL DRYERS PRIOR TO ORDERING. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
- 5. EXHAUST FAN IN THIS AREA TO BE TIED INTO THE LIGHTING CIRCUIT.
- CONSULT ELEVATOR PROVIDER FOR EXACT POWER REQUIREMENTS AND PROVIDE ALL ELECTRICAL WORK AS DIRECTED. VERIFY EXACT LOCATION FOR ELEVATOR EQUIPMENT WITH ARCHITECT AND COORDINATE WITH ELEVATOR INSTALLER.
- 7. PROVIDE ROUGH IN AND WIRING FOR ACCESS CONTROL. REFER TO 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
- 8. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS. PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'XX' SCHEDULE ON E1.12 FOR CIRCUITS.
- 9. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 10. REFER TO E2 SERIES SHEETS FOR EXHAUST FAN SWITCH LOCATION (WHERE INSTALLED).
- 11. EACH UNIT LOAD CENTER TO BE FED VIA SUB-METERING SYSTEM. REFER TO ONE-LINE DIAGRAM ON SHEET E1.11 FOR CONDUCTOR SIZE AND CABLING.



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NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA PLACES

1208 N. JESSUP & 5627 N. MINNESOTA (R226159, R226160)



DESIGN DEVELOPMENT SET

·			

4.27.2021

PRELIMINARY

BASEMENT LEVEL

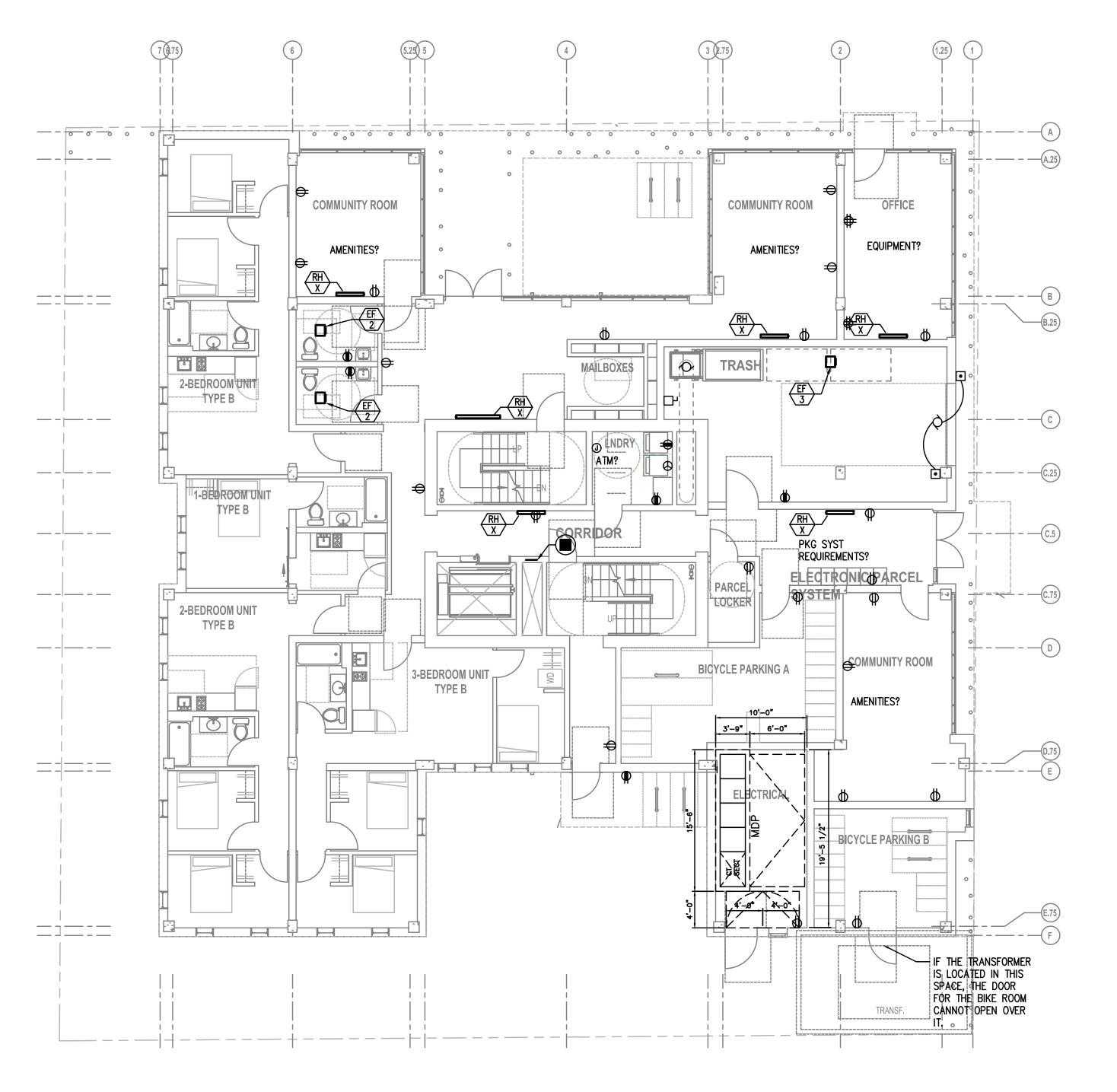
HALF SIZE: 11" x 17"

ORIGINAL SHEET SIZE: 22" x 34"

Drawing Number

E3.00

POWER PLAN



1 FIRST FLOOR POWER PLAN
E3.01 SCALE: 1/8" = 1'-0"

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES.
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- D. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS AS REQUIRED. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.
- E. COORDINATE WITH DIVISION 23 FOR EXACT LOCATION AND POWER REQUIREMENTS OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH IN. REFER TO SHEET E1.13 FOR MECHANICAL EQUIPMENT SCHEDULE.
- F. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- G. ELECTRICAL CONTRACTOR SHALL REFER TO THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR THE LOW VOLTAGE SYSTEMS/FIRE ALARM INSTALLER.
- H. SERVICE ENTRANCE AND METERING EQUIPMENT SHOWN TO APPROXIMATE SCALE, BASED ON SIEMENS PRODUCTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT INSTALLED EQUIPMENT FITS THE SPACE PROVIDED AND THAT ALL REQUIRED WORKING CLEARANCES ARE PROVIDED.
- J. PROVIDE A KEY BOX AT THE TRANSFORMER ROOM DOOR PER THE UTILITY PROVIDER'S REQUIREMENTS, FOR 24/7 ACCESS.
- L. REFER TO 'E4' SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER PLANS.

O KEYED POWER NOTES:

- 1. PROVIDE KEY BOX FOR PGE AT METER ROOM FOR 24/7 ACCESS.
- 2. GENERATOR EMERGENCY DISCONNECT.
- 3. LAUNDRY ROOM GFCI RECEPTACLES FOR WASHING MACHINES TO BE MOUNTED AT 42" A.F.F., OR UNLESS OTHERWISE DIRECTED BY THE ARCHITECT. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
- 4. 40A, DEDICATED 14-40R DRYER RECEPTACLE (TYPICAL). VERIFY EXACT POWER RATING REQUIRED FOR THE COMMERCIAL DRYERS PRIOR TO ORDERING. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
- 5. EXHAUST FAN IN THIS AREA TO BE TIED INTO THE LIGHTING CIRCUIT.
- CONSULT ELEVATOR PROVIDER FOR EXACT POWER REQUIREMENTS AND PROVIDE ALL ELECTRICAL WORK AS DIRECTED. VERIFY EXACT LOCATION FOR ELEVATOR EQUIPMENT WITH ARCHITECT AND COORDINATE WITH ELEVATOR INSTALLER.
- 7. PROVIDE ROUGH IN AND WIRING FOR ACCESS CONTROL. REFER TO 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
- 8. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS. PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'XX' SCHEDULE ON E1.12 FOR CIRCUITS.
- 9. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 10. REFER TO E2 SERIES SHEETS FOR EXHAUST FAN SWITCH LOCATION (WHERE INSTALLED).
- 11. EACH UNIT LOAD CENTER TO BE FED VIA SUB-METERING SYSTEM. REFER TO ONE-LINE DIAGRAM ON SHEET E1.11 FOR CONDUCTOR SIZE AND CABLING.



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NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA PLACES

1208 N. JESSUP & 5627 N. MINNESOTA (R226159, R226160)



DESIGN DEVELOPMENT SET

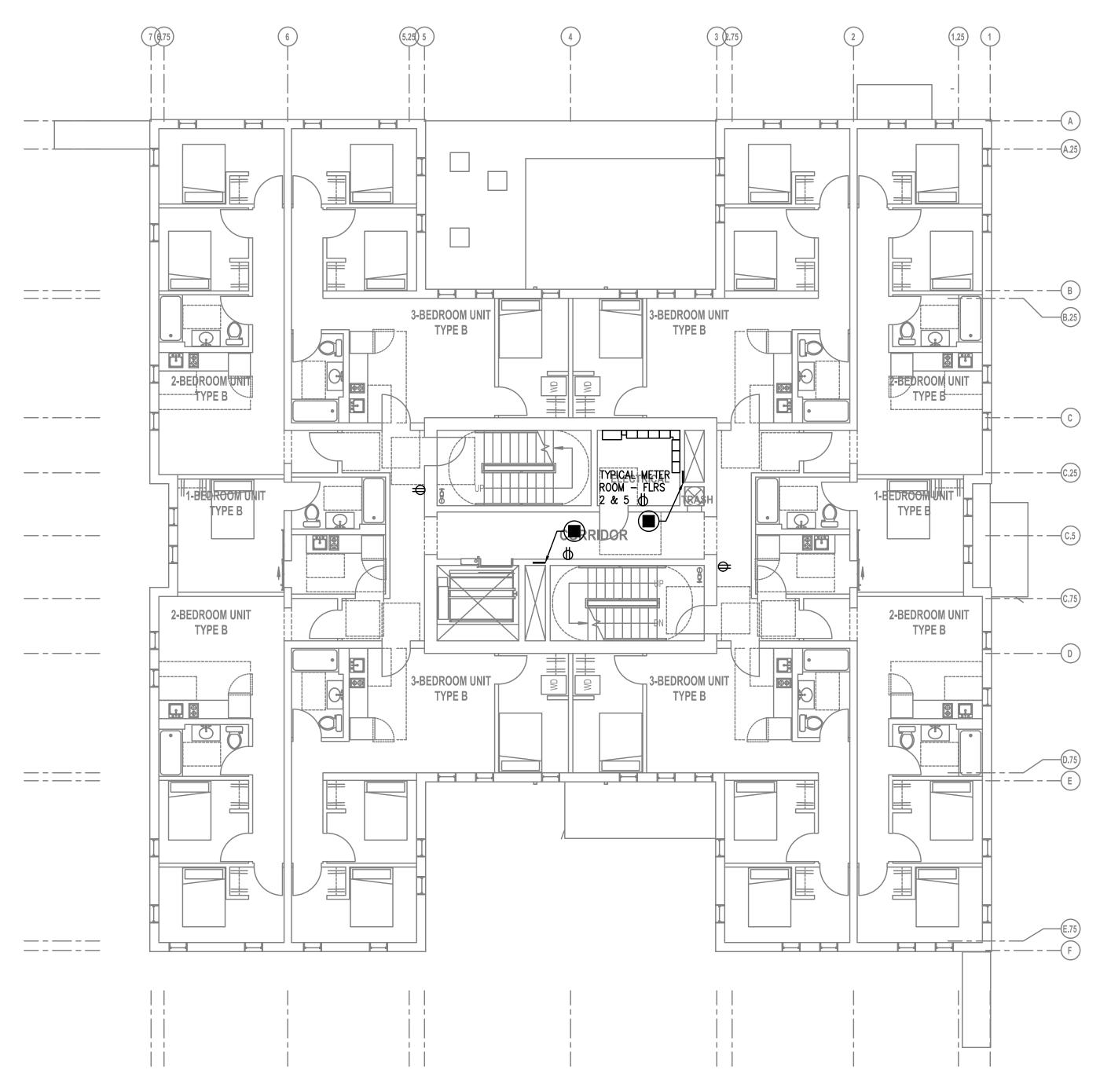
PRELIMINARY	4.27.2021
Job #:	2020

FIRST FLOOR POWER PLAN

ORIGINAL SHEET SIZE: 22" x 34"

HALF SIZE: 11" x 17"

Drawing Number



1 SECOND FLOOR POWER PLAN
F3.02 SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
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- D. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS AS REQUIRED. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.
- E. COORDINATE WITH DIVISION 23 FOR EXACT LOCATION AND POWER REQUIREMENTS OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH IN. REFER TO SHEET E1.13 FOR MECHANICAL EQUIPMENT SCHEDULE.
- F. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- G. ELECTRICAL CONTRACTOR SHALL REFER TO THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR THE LOW VOLTAGE SYSTEMS/FIRE ALARM INSTALLER.
- H. SERVICE ENTRANCE AND METERING EQUIPMENT SHOWN TO APPROXIMATE SCALE, BASED ON SIEMENS PRODUCTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT INSTALLED EQUIPMENT FITS THE SPACE PROVIDED AND THAT ALL REQUIRED WORKING CLEARANCES ARE PROVIDED.
- J. PROVIDE A KEY BOX AT THE TRANSFORMER ROOM DOOR PER THE UTILITY PROVIDER'S REQUIREMENTS, FOR 24/7 ACCESS.
- L. REFER TO 'E4' SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER PLANS.

O KEYED POWER NOTES:

- 1. PROVIDE KEY BOX FOR PGE AT METER ROOM FOR 24/7 ACCESS.
- 2. GENERATOR EMERGENCY DISCONNECT.
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- 10. REFER TO E2 SERIES SHEETS FOR EXHAUST FAN SWITCH LOCATION (WHERE INSTALLED).
- 11. EACH UNIT LOAD CENTER TO BE FED VIA SUB-METERING SYSTEM. REFER TO ONE-LINE DIAGRAM ON SHEET E1.11 FOR CONDUCTOR SIZE AND CABLING.



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Project Name:

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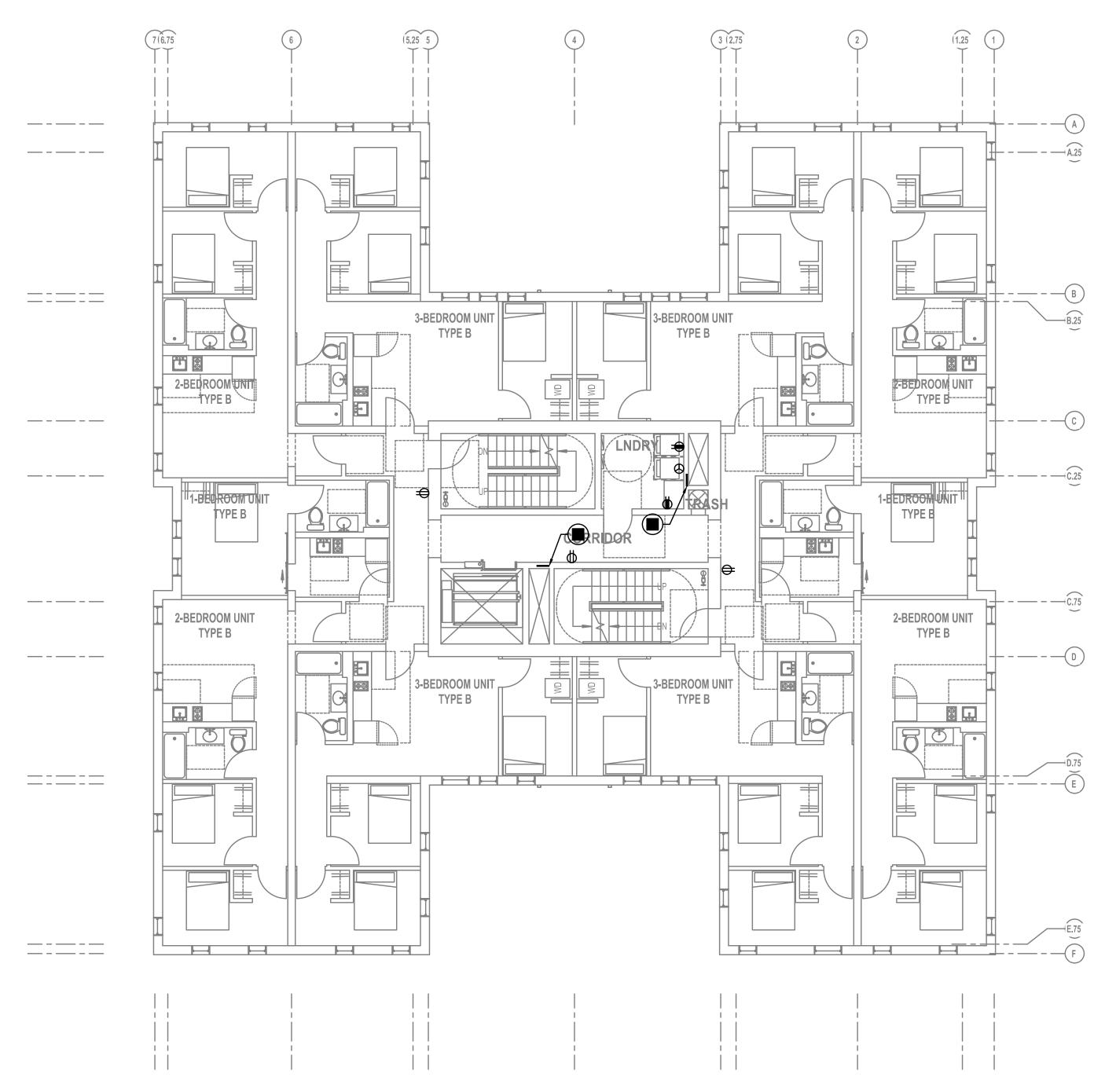
DESIGN DEVELOPMENT SET

PRELIMINARY	4.27.2021
Job #:	2020

SECOND FLOOR POWER PLAN

ORIGINAL SHEET SIZE: 22" x 34" HALF SIZE: 11" x 17"

Drawing Number



1 THIRD FLOOR POWER PLAN

E3.03 SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
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- E. COORDINATE WITH DIVISION 23 FOR EXACT LOCATION AND POWER REQUIREMENTS OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH IN. REFER TO SHEET E1.13 FOR MECHANICAL EQUIPMENT SCHEDULE.
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- H. SERVICE ENTRANCE AND METERING EQUIPMENT SHOWN TO APPROXIMATE SCALE, BASED ON SIEMENS PRODUCTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT INSTALLED EQUIPMENT FITS THE SPACE PROVIDED AND THAT ALL REQUIRED WORKING CLEARANCES ARE PROVIDED.
- J. PROVIDE A KEY BOX AT THE TRANSFORMER ROOM DOOR PER THE UTILITY PROVIDER'S REQUIREMENTS, FOR 24/7 ACCESS.
- L. REFER TO 'E4' SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER PLANS.

O KEYED POWER NOTES:

- 1. PROVIDE KEY BOX FOR PGE AT METER ROOM FOR 24/7 ACCESS.
- 2. GENERATOR EMERGENCY DISCONNECT.
- 3. LAUNDRY ROOM GFCI RECEPTACLES FOR WASHING MACHINES TO BE MOUNTED AT 42" A.F.F., OR UNLESS OTHERWISE DIRECTED BY THE ARCHITECT. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
- 4. 40A, DEDICATED 14-40R DRYER RECEPTACLE (TYPICAL). VERIFY EXACT POWER RATING REQUIRED FOR THE COMMERCIAL DRYERS PRIOR TO ORDERING. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
- 5. EXHAUST FAN IN THIS AREA TO BE TIED INTO THE LIGHTING CIRCUIT.
- CONSULT ELEVATOR PROVIDER FOR EXACT POWER REQUIREMENTS AND PROVIDE ALL ELECTRICAL WORK AS DIRECTED. VERIFY EXACT LOCATION FOR ELEVATOR EQUIPMENT WITH ARCHITECT AND COORDINATE WITH ELEVATOR INSTALLER.
- 7. PROVIDE ROUGH IN AND WIRING FOR ACCESS CONTROL. REFER TO 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
- 8. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS. PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'XX' SCHEDULE ON E1.12 FOR CIRCUITS.
- 9. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 10. REFER TO E2 SERIES SHEETS FOR EXHAUST FAN SWITCH LOCATION (WHERE INSTALLED).
- 11. EACH UNIT LOAD CENTER TO BE FED VIA SUB-METERING SYSTEM. REFER TO ONE-LINE DIAGRAM ON SHEET E1.11 FOR CONDUCTOR SIZE AND CABLING.

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Project Name:

MINNESOTA PLACES

NATIVE LAND DEVELOPMENT

1208 N. JESSUP & 5627 N. MINNESOTA (R226159, R226160)



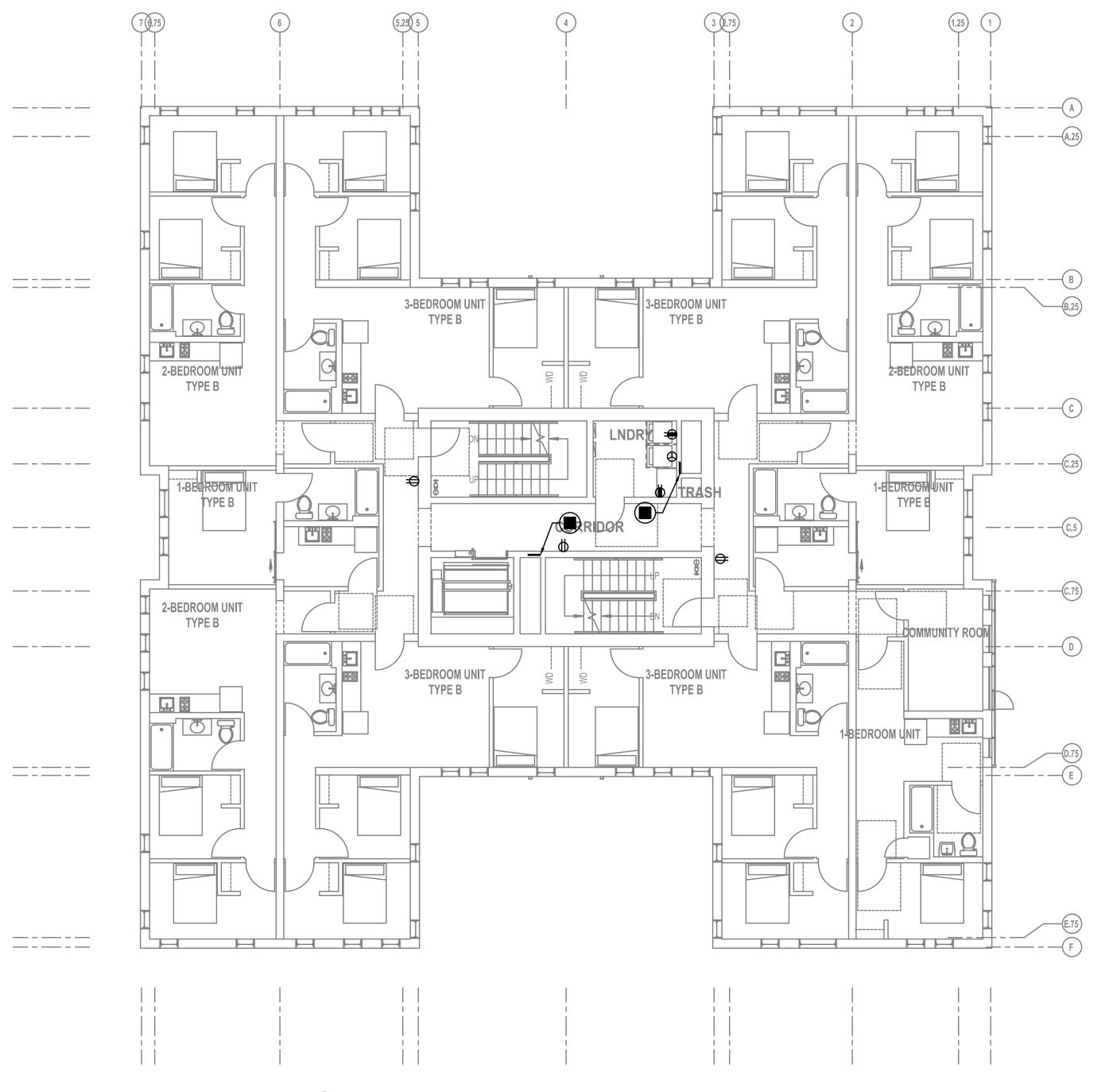
DESIGN DEVELOPMENT SET

PRELIMINARY	4.27.2021
	·
Job #:	2020

THIRD FLOOR POWER PLAN

ORIGINAL SHEET SIZE: 22" x 34" HALF SIZE: 11" x 17"

Drawing Number



1 FOURTH FLOOR POWER PLAN
E3.04 SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES.
- C. ELECTRICAL CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR, AS REQUIRED. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- D. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS AS REQUIRED. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.
- E. COORDINATE WITH DIVISION 23 FOR EXACT LOCATION AND POWER REQUIREMENTS OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH IN. REFER TO SHEET E1.13 FOR MECHANICAL EQUIPMENT SCHEDULE.
- F. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- G. ELECTRICAL CONTRACTOR SHALL REFER TO THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR THE LOW VOLTAGE SYSTEMS/FIRE ALARM INSTALLER.
- H. SERVICE ENTRANCE AND METERING EQUIPMENT SHOWN TO APPROXIMATE SCALE, BASED ON SIEMENS PRODUCTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT INSTALLED EQUIPMENT FITS THE SPACE PROVIDED AND THAT ALL REQUIRED WORKING CLEARANCES ARE PROVIDED.
- J. PROVIDE A KEY BOX AT THE TRANSFORMER ROOM DOOR PER THE UTILITY PROVIDER'S REQUIREMENTS, FOR 24/7 ACCESS.
- L. REFER TO 'E4' SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER PLANS.

O KEYED POWER NOTES:

- 1. PROVIDE KEY BOX FOR PGE AT METER ROOM FOR 24/7 ACCESS.
- 2. GENERATOR EMERGENCY DISCONNECT.
- 3. LAUNDRY ROOM GFCI RECEPTACLES FOR WASHING MACHINES TO BE MOUNTED AT 42" A.F.F., OR UNLESS OTHERWISE DIRECTED BY THE ARCHITECT. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
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- 7. PROVIDE ROUGH IN AND WIRING FOR ACCESS CONTROL. REFER TO 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
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- 9. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 10. REFER TO E2 SERIES SHEETS FOR EXHAUST FAN SWITCH LOCATION (WHERE INSTALLED).
- 11. EACH UNIT LOAD CENTER TO BE FED VIA SUB-METERING SYSTEM. REFER TO ONE-LINE DIAGRAM ON SHEET E1.11 FOR CONDUCTOR SIZE AND CABLING.



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NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA PLACES

1208 N. JESSUP & 5627 N. MINNESOTA (R226159, R226160)



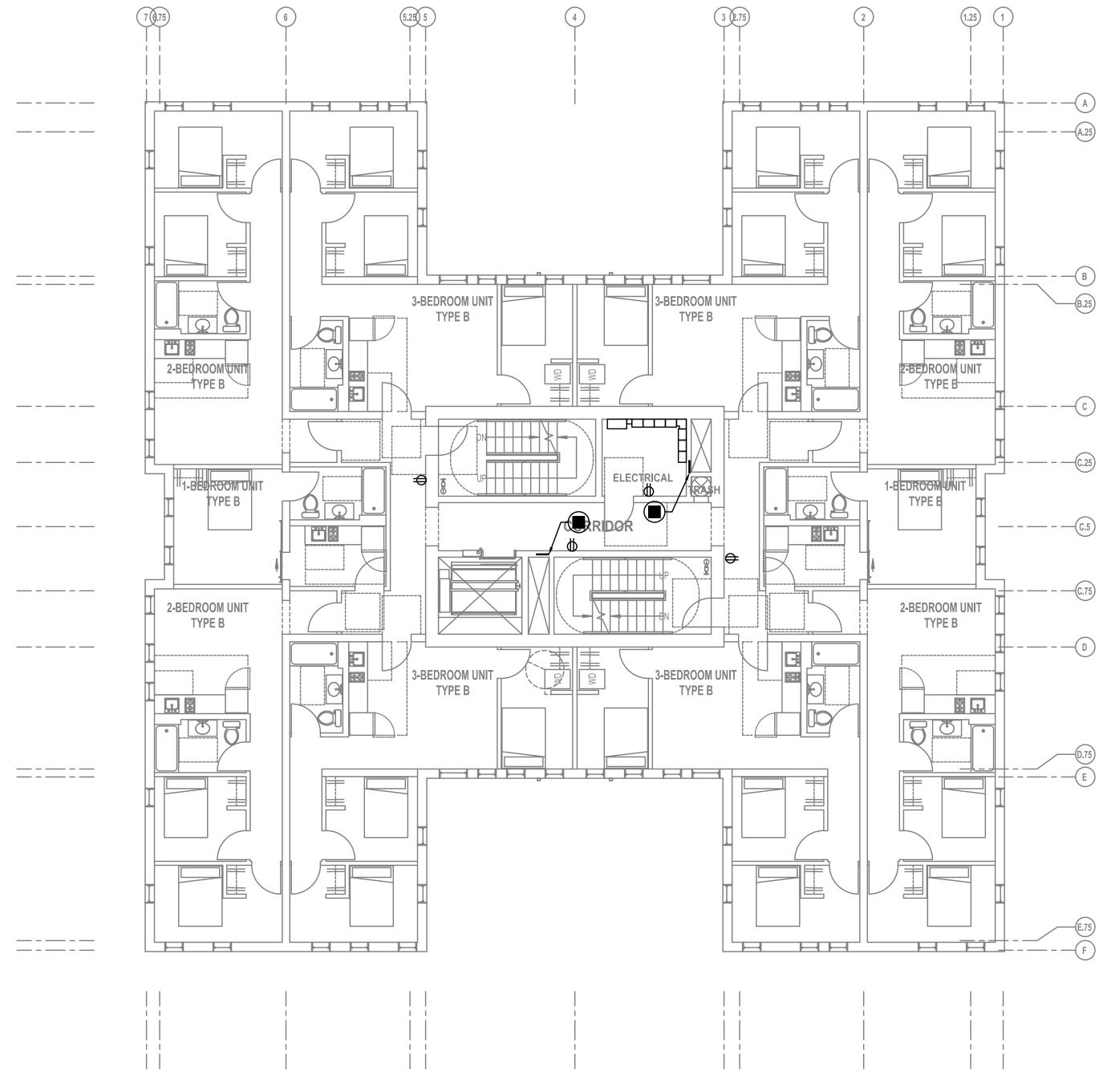
DESIGN DEVELOPMENT SET

PRELIMINARY	4.27.2021
Job #:	2020

FOURTH FLOOR POWER PLAN

ORIGINAL SHEET SIZE: 22" x 34" HALF SIZE: 11" x 17"

Drawing Number



1 FIFTH FLOOR POWER PLAN

E3.05 SCALE: 1/8" = 1'-0"

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
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- D. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS AS REQUIRED. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.
- E. COORDINATE WITH DIVISION 23 FOR EXACT LOCATION AND POWER REQUIREMENTS OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH IN. REFER TO SHEET E1.13 FOR MECHANICAL EQUIPMENT SCHEDULE.
- F. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- G. ELECTRICAL CONTRACTOR SHALL REFER TO THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR THE LOW VOLTAGE SYSTEMS/FIRE ALARM INSTALLER.
- H. SERVICE ENTRANCE AND METERING EQUIPMENT SHOWN TO APPROXIMATE SCALE, BASED ON SIEMENS PRODUCTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT INSTALLED EQUIPMENT FITS THE SPACE PROVIDED AND THAT ALL REQUIRED WORKING CLEARANCES ARE PROVIDED.
- J. PROVIDE A KEY BOX AT THE TRANSFORMER ROOM DOOR PER THE UTILITY PROVIDER'S REQUIREMENTS, FOR 24/7 ACCESS.
- L. REFER TO 'E4' SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER PLANS.

O KEYED POWER NOTES:

- 1. PROVIDE KEY BOX FOR PGE AT METER ROOM FOR 24/7 ACCESS.
- 2. GENERATOR EMERGENCY DISCONNECT.
- 3. LAUNDRY ROOM GFCI RECEPTACLES FOR WASHING MACHINES TO BE MOUNTED AT 42" A.F.F., OR UNLESS OTHERWISE DIRECTED BY THE ARCHITECT. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
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- 10. REFER TO E2 SERIES SHEETS FOR EXHAUST FAN SWITCH LOCATION (WHERE INSTALLED).
- 11. EACH UNIT LOAD CENTER TO BE FED VIA SUB-METERING SYSTEM. REFER TO ONE-LINE DIAGRAM ON SHEET E1.11 FOR CONDUCTOR SIZE AND CABLING.



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NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA PLACES

1208 N. JESSUP & 5627 N. MINNESOTA (R226159, R226160)



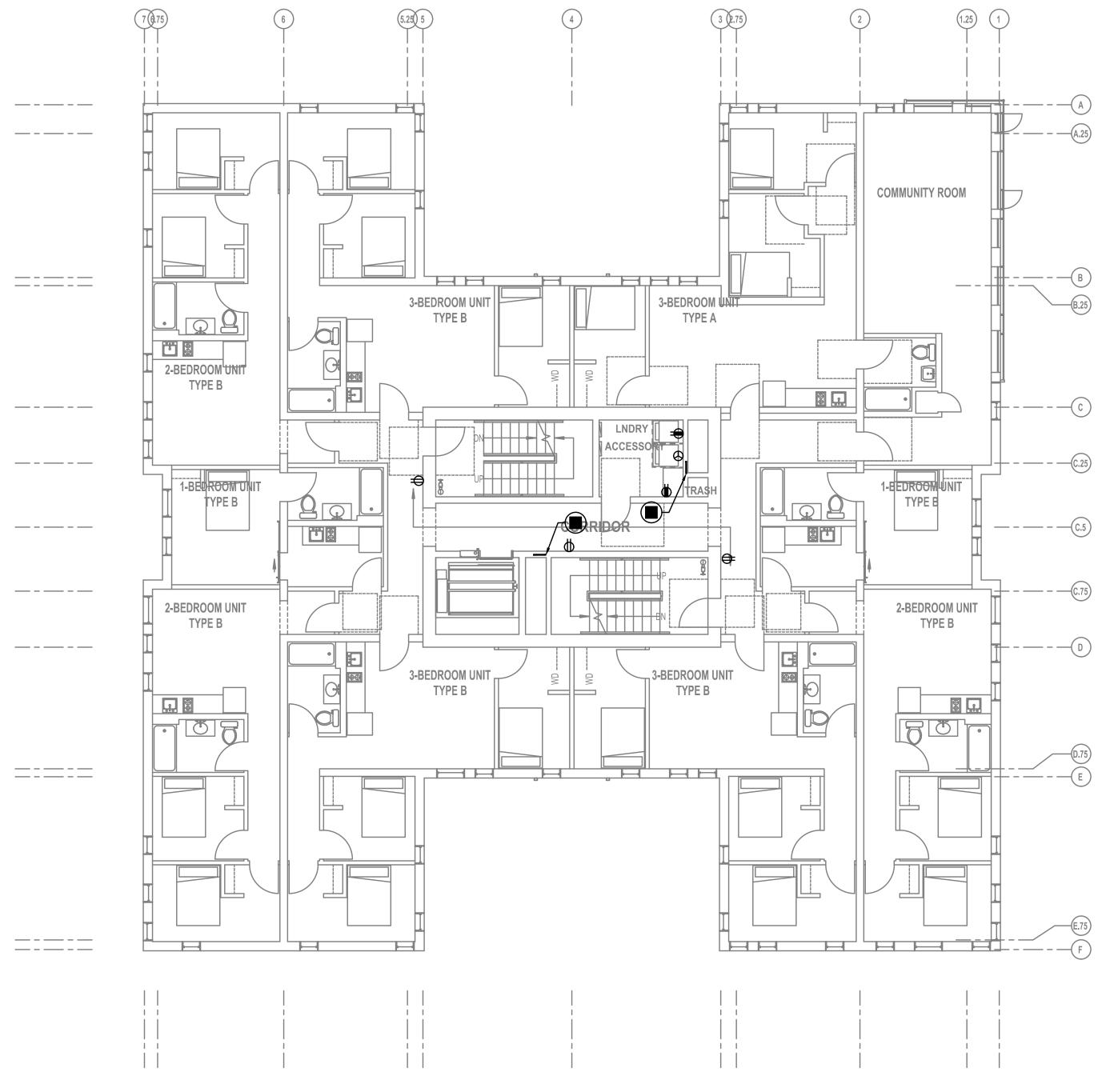
DESIGN DEVELOPMENT SET

PRELIMINARY	4.27.2021
Job #:	2020

FIFTH FLOOR POWER PLAN

ORIGINAL SHEET SIZE: 22" x 34" HALF SIZE: 11" x 17"

Drawing Number



1 SIXTH FLOOR POWER PLAN
E3.06 SCALE: 1/8" = 1'-0"

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES.
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- E. COORDINATE WITH DIVISION 23 FOR EXACT LOCATION AND POWER REQUIREMENTS OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH IN. REFER TO SHEET E1.13 FOR MECHANICAL EQUIPMENT SCHEDULE.
- F. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- G. ELECTRICAL CONTRACTOR SHALL REFER TO THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR THE LOW VOLTAGE SYSTEMS/FIRE ALARM INSTALLER.
- H. SERVICE ENTRANCE AND METERING EQUIPMENT SHOWN TO APPROXIMATE SCALE, BASED ON SIEMENS PRODUCTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT INSTALLED EQUIPMENT FITS THE SPACE PROVIDED AND THAT ALL REQUIRED WORKING CLEARANCES ARE PROVIDED.
- J. PROVIDE A KEY BOX AT THE TRANSFORMER ROOM DOOR PER THE UTILITY PROVIDER'S REQUIREMENTS, FOR 24/7 ACCESS.
- L. REFER TO 'E4' SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER PLANS.

O KEYED POWER NOTES:

- 1. PROVIDE KEY BOX FOR PGE AT METER ROOM FOR 24/7 ACCESS.
- 2. GENERATOR EMERGENCY DISCONNECT.
- 3. LAUNDRY ROOM GFCI RECEPTACLES FOR WASHING MACHINES TO BE MOUNTED AT 42" A.F.F., OR UNLESS OTHERWISE DIRECTED BY THE ARCHITECT. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
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- 10. REFER TO E2 SERIES SHEETS FOR EXHAUST FAN SWITCH LOCATION (WHERE INSTALLED).
- 11. EACH UNIT LOAD CENTER TO BE FED VIA SUB-METERING SYSTEM. REFER TO ONE-LINE DIAGRAM ON SHEET E1.11 FOR CONDUCTOR SIZE AND CABLING.



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NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA PLACES

1208 N. JESSUP & 5627 N. MINNESOTA (R226159, R226160)



DESIGN DEVELOPMENT SET

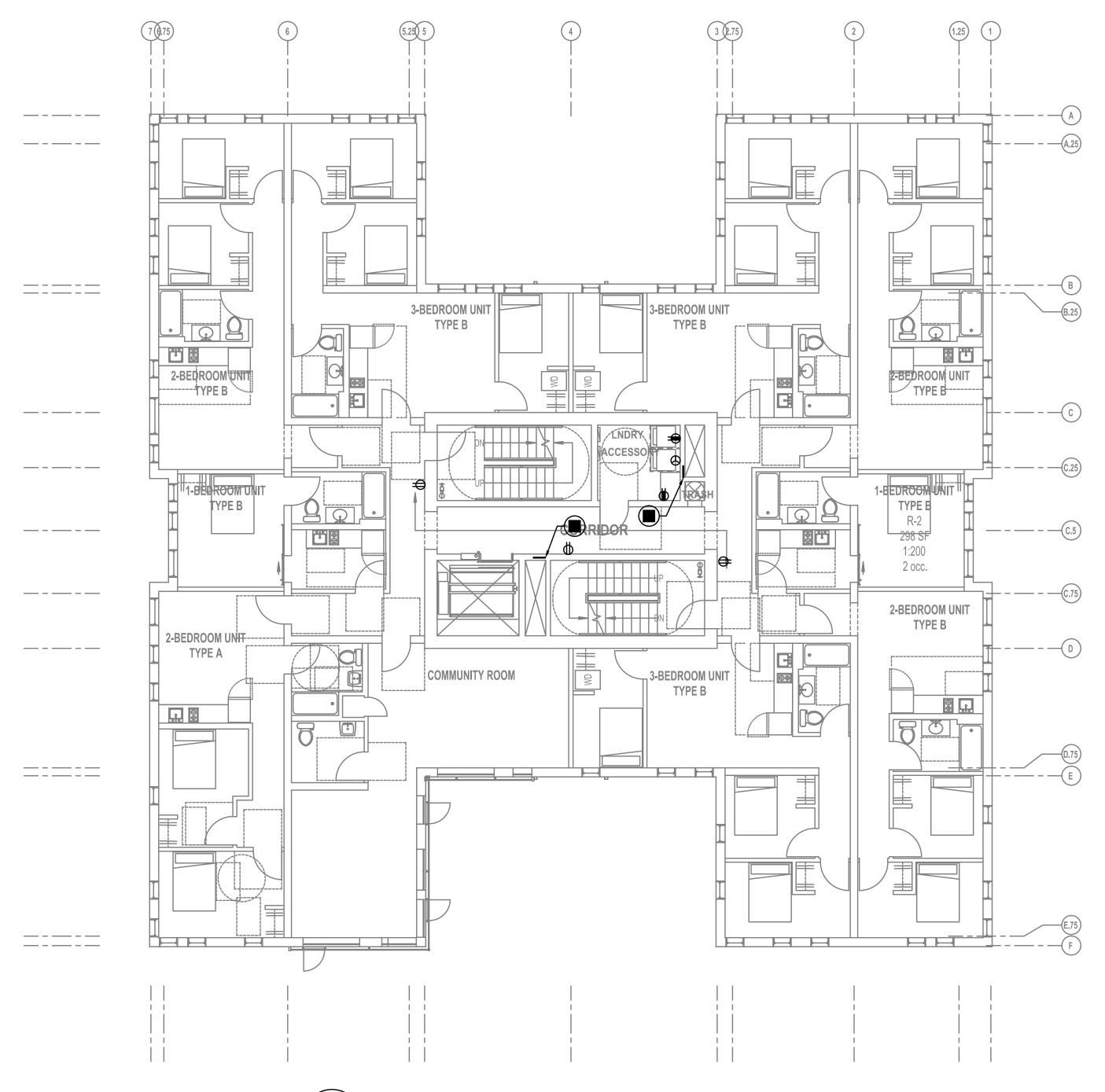
PRELIMINARY	4.27.2021
Job #:	2020

ORIGINAL SHEET SIZE: 22" x 34"

SIXTH FLOOR POWER PLAN

HALF SIZE: 11" x 17"

Drawing Number



1 SEVENTH FLOOR POWER PLAN

E3.07 SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
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- J. PROVIDE A KEY BOX AT THE TRANSFORMER ROOM DOOR PER THE UTILITY PROVIDER'S REQUIREMENTS, FOR 24/7 ACCESS.
- L. REFER TO 'E4' SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER PLANS.

O KEYED POWER NOTES:

- 1. PROVIDE KEY BOX FOR PGE AT METER ROOM FOR 24/7 ACCESS.
- 2. GENERATOR EMERGENCY DISCONNECT.
- 3. LAUNDRY ROOM GFCI RECEPTACLES FOR WASHING MACHINES TO BE MOUNTED AT 42" A.F.F., OR UNLESS OTHERWISE DIRECTED BY THE ARCHITECT. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
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NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA PLACES

1208 N. JESSUP & 5627 N. MINNESOTA (R226159, R226160)



DESIGN DEVELOPMENT SET

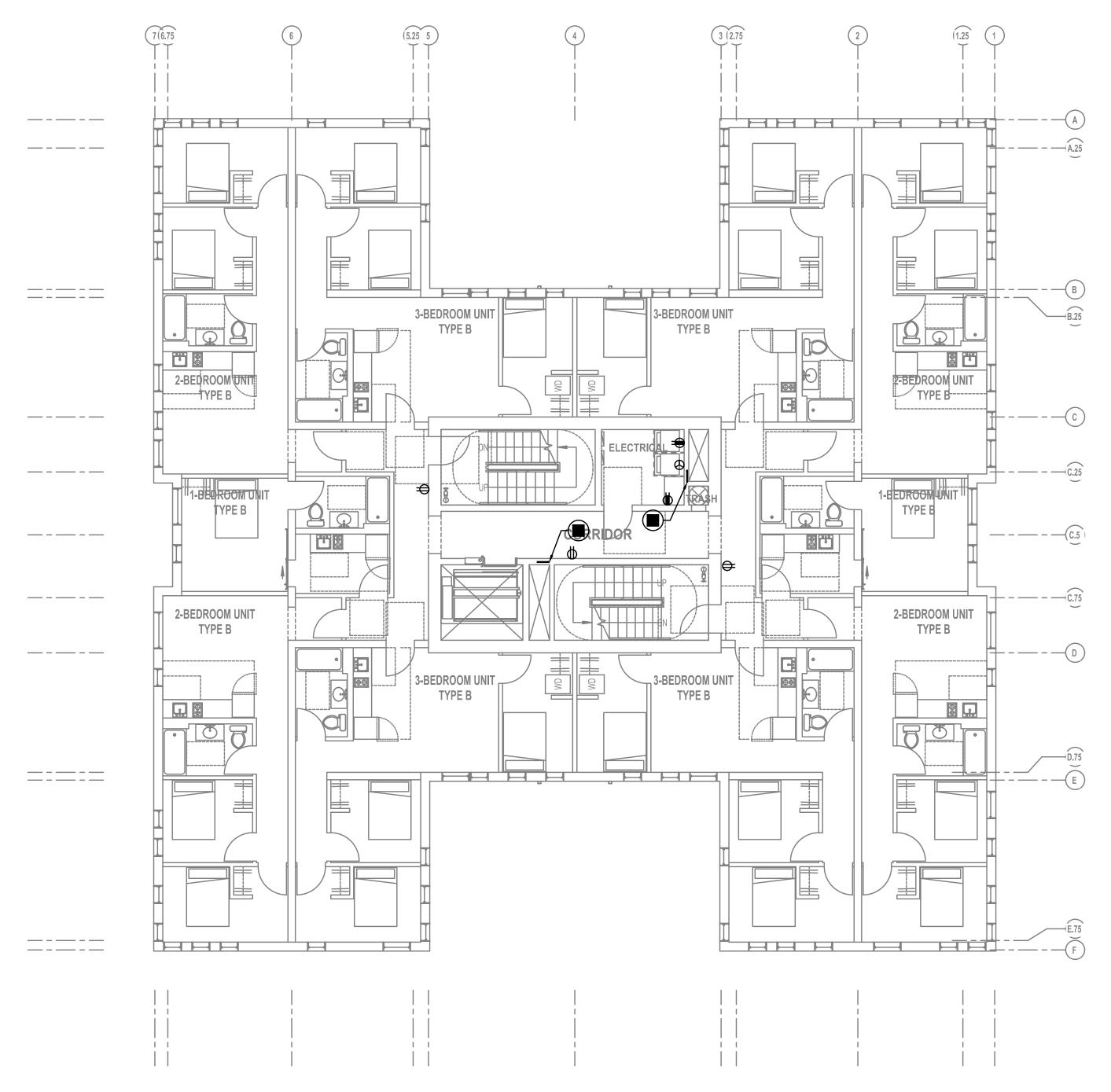
PRELIMINARY	4.27.202
Job #:	2020
ORIGINAL SHEET SIZE	=· 22" x 34"

SEVENTH FLOOR POWER PLAN

Drawing Number

E3.07

HALF SIZE: 11" x 17"



1 EIGHTH FLOOR POWER PLAN
E3.08 SCALE: 1/8" = 1'-0"

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
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MINNESOTA PLACES

1208 N. JESSUP & 5627 N. MINNESOTA (R226159, R226160)



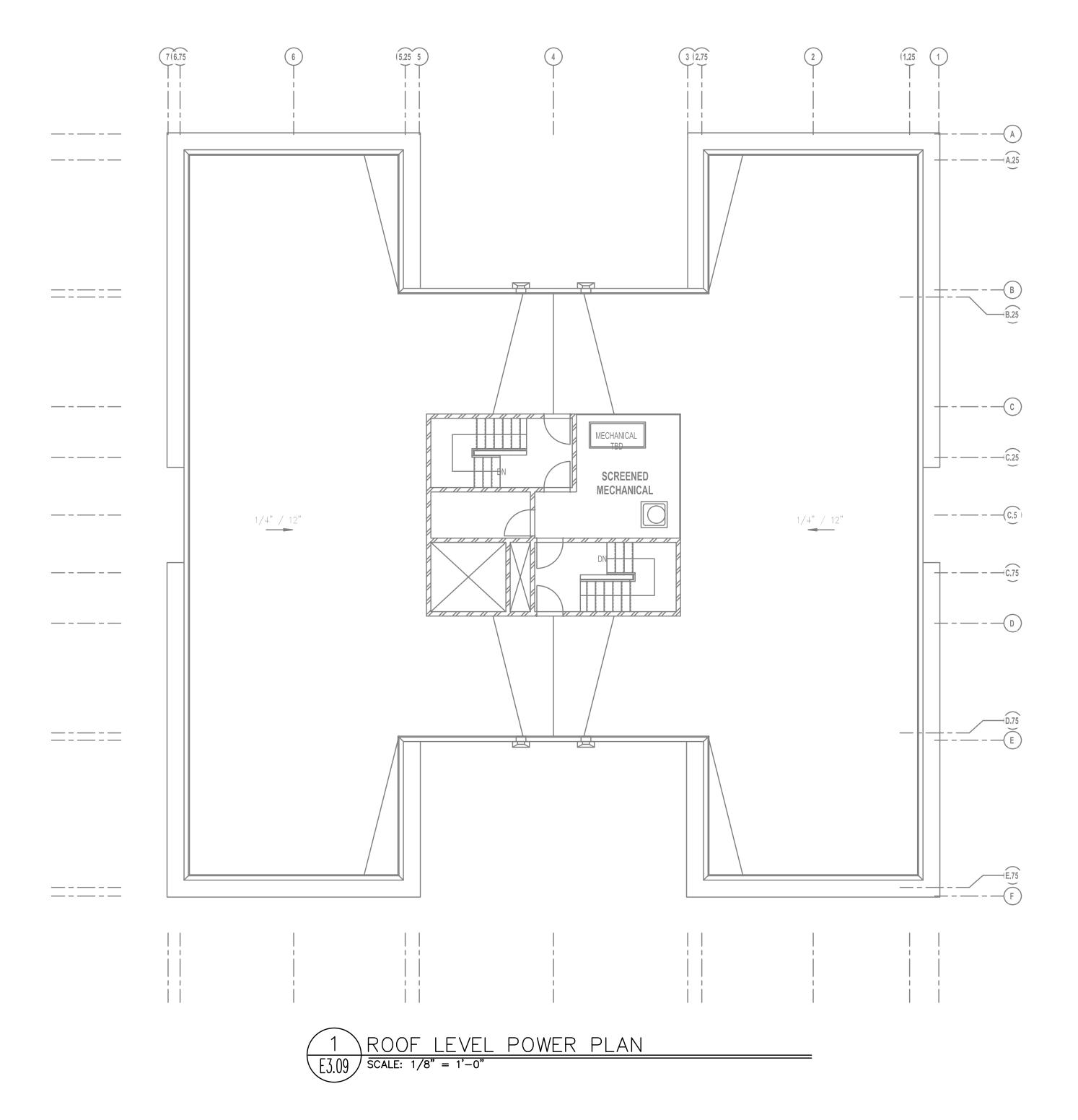
DESIGN DEVELOPMENT SET

PRELIMINARY	4.27.2021
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Job #:	2020
ORIGINAL SHEET SIZE:	22" x 34"

EIGHTH FLOOR POWER PLAN

HALF SIZE: 11" x 17"

Drawing Number



- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND NATIONAL
- C. ELECTRICAL CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR, AS REQUIRED. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- D. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS AS REQUIRED. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.
- COORDINATE WITH DIVISION 23 FOR EXACT LOCATION AND POWER REQUIREMENTS OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH IN. REFER TO SHEET E1.13 FOR MECHANICAL EQUIPMENT SCHEDULE.
- F. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- G. ELECTRICAL CONTRACTOR SHALL REFER TO THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR THE LOW VOLTAGE SYSTEMS/FIRE ALARM INSTALLER.
- H. SERVICE ENTRANCE AND METERING EQUIPMENT SHOWN TO APPROXIMATE SCALE, BASED ON SIEMENS PRODUCTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT INSTALLED EQUIPMENT FITS THE SPACE PROVIDED AND THAT ALL REQUIRED WORKING CLEARANCES ARE PROVIDED.
- PROVIDE A KEY BOX AT THE TRANSFORMER ROOM DOOR PER THE UTILITY PROVIDER'S REQUIREMENTS, FOR 24/7 ACCESS.
- L. REFER TO 'E4' SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER PLANS.

O KEYED POWER NOTES:

- 1. PROVIDE KEY BOX FOR PGE AT METER ROOM FOR 24/7 ACCESS.
- GENERATOR EMERGENCY DISCONNECT.
- 3. LAUNDRY ROOM GFCI RECEPTACLES FOR WASHING MACHINES TO BE MOUNTED AT 42" A.F.F., OR UNLESS OTHERWISE DIRECTED BY THE ARCHITECT. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
- 4. 40A, DEDICATED 14-40R DRYER RECEPTACLE (TYPICAL). VERIFY EXACT POWER RATING REQUIRED FOR THE COMMERCIAL DRYERS PRIOR TO ORDERING. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
- 5. EXHAUST FAN IN THIS AREA TO BE TIED INTO THE LIGHTING CIRCUIT.
- CONSULT ELEVATOR PROVIDER FOR EXACT POWER REQUIREMENTS AND PROVIDE ALL ELECTRICAL WORK AS DIRECTED. VERIFY EXACT LOCATION FOR ELEVATOR EQUIPMENT WITH ARCHITECT AND COORDINATE WITH ELEVATOR INSTALLER.
- 7. PROVIDE ROUGH IN AND WIRING FOR ACCESS CONTROL. REFER TO 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
- 8. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS. PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'XX' SCHEDULE ON E1.12 FOR CIRCUITS.
- 9. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 10. REFER TO E2 SERIES SHEETS FOR EXHAUST FAN SWITCH LOCATION (WHERE INSTALLED).
- 11. EACH UNIT LOAD CENTER TO BE FED VIA SUB-METERING SYSTEM. REFER TO ONE-LINE DIAGRAM ON SHEET E1.11 FOR CONDUCTOR SIZE AND CABLING.



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PRELIMINARY NOT FOR CONSTRUCTION

NATIVE LAND DEVELOPMENT

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ROOF LEVEL POWER PLAN

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