

- 1 FAN COIL INDOOR UNIT DENOTED IS PART OF A SPLIT SYSTEM AND IS TO BE POWERED BY THE OUTDOOR UNIT. ELECTRICAL CONTRACTOR IS TO SUPPLY AND INSTALL THE WIRING AND CONDUITS BETWEEN THE OUTDOOR UNIT AND THE INDOOR UNIT AS PART OF THIS SCOPE OF WORK. REFER TO THE EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL REQUIREMENT.
- 2 THE DOOR SHALL OPEN IN THE DIRECTION OF EGRESS AND SHALL BE PROVIDED WITH THE PANIC HARDWARE.

DRAWINGS ARE INTENDED TO SHOW GENERAL ARRANGEMENT, DESIGN, AND EXTENT OF WORK AND ARE DIAGRAMMATIC. DRAWINGS ARE NOT INTENDED TO SHOW EXACT LOCATION OF ALL EQUIPMENT AND MATERIALS. AS SHOWN, ELECTRICAL WORK IS SHOWN ON PLANS USING STANDARD INDUSTRY SYMBOLS. BEFORE ORDERING MATERIALS OR DOING WORK, VERIFY MEASUREMENTS PERTAINING THERETO AND ASSUME RESPONSIBILITY FOR ANY DISCREPANCIES. QUESTIONS REGARDING THE DRAWINGS SHOULD BE SUBMITTED TO THE FIELD SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER FOR CONSIDERATION BEFORE PROCEEDING WITH WORK.

WORK PERFORMED INCLUDES LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO INSTALL ALL REQUIRED ELECTRICAL WORK AS INDICATED ON THESE DRAWINGS AND AS SPECIFIED REFER TO ELECTRICAL CONSTRUCTION SCHEDULE FOR CONDUIT, WIRING, COPD, DISCONNECT REQUIREMENTS.

OTHER TYPES AND SIZES AND POWER REQUIREMENTS FOR EQUIPMENT PROVIDED BY OTHERS.

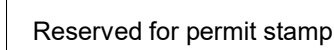
ELECTRICAL CONDUITS IN FINISHED SPACES SHALL BE CONCEALED CONDUITS WITH CONDUIT TRAYS AND UNITS SHALL BE CONCEALED. LOCATIONS OF ELECTRICAL JUNCTION BOXES IN FINISHED SPACES SHALL BE APPROVED BY ARCHITECT PRIOR TO ROUGH-IN.

REFER TO MECHANICAL AND PLUMBING PLANS FOR EXACT LOCATION OF HVAC/PLUMBING EQUIPMENT.

PROVIDE CONDUIT, WIRE AND JOCKS FOR CIRCUITING SHOWN. QUANTITY AND SIZES OF JOCKS TO BE DETERMINED BY CONTRACTOR.

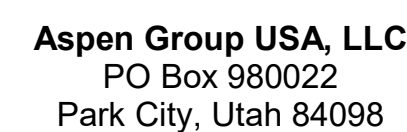
CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY ELECTRICAL CIRCUITS AFFECTED BY CONSTRUCTION. SUCH CIRCUITS WILL BE REPAIRED IMMEDIATELY. THERE SHALL BE NO INTERRUPTION OF SERVICE TO ANY OCCUPANCY OR ZONE AREA.

ISSUE TEMPORARY POWER RECEIPTS IN RESIDENTIAL UNITS.



Olson Kundig

project:
SOMMET BLANC
9300 Marsac Ave (B2 East Parcel)
Crest, Cal. 94024



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1001 Fourth Ave., Suite 3100
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project manager _____
drawn by _____
checked by Checker
job no. _____
date 11/18/2022

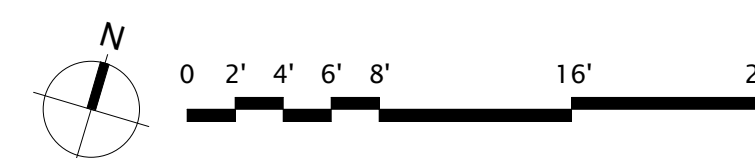
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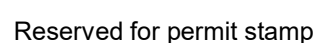
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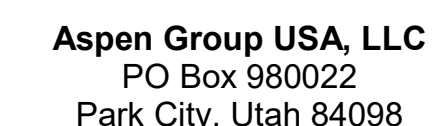
ELECTRICAL ENLARGED
PLANS

E4.01AB





SOMMET BLANC
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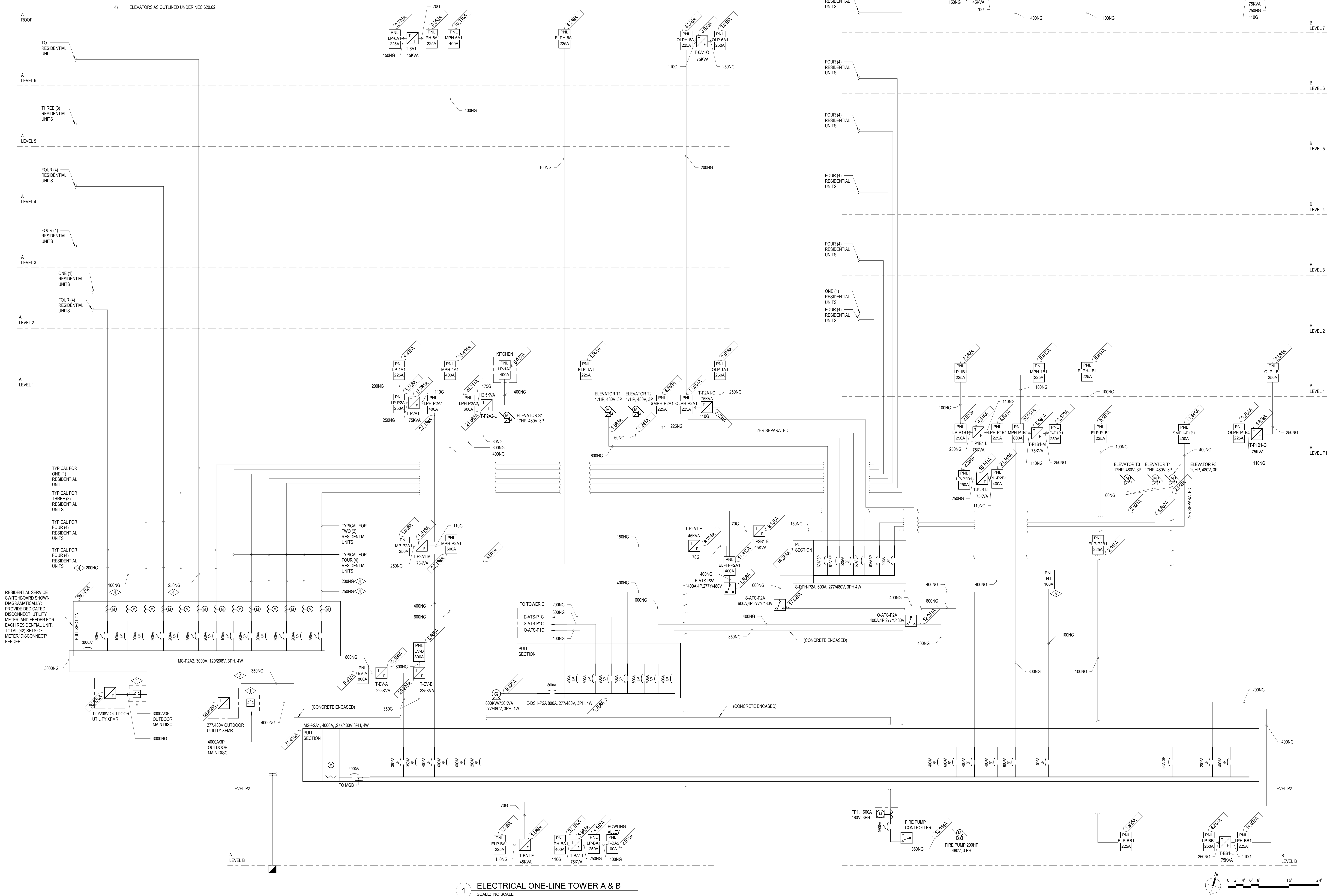


E5.01AB

EQUIPMENT AND FEEDERS TO BE PROVIDED AS NEW UNLESS OTHERWISE NOTED;
COORDINATE AND VERIFY WITH ELECTRICAL UTILITY FOR REQUIRED INFORMATION
REGARDING ALL SYSTEMS TRANSFORMER SIZE, TRANSFORMER VAULT LOCATION AND
METER LOCATION.
REFER TO TRANSFORMATION SCHEDULE FOR PRIMARY AND SECONDARY FEEDER DESCRIPTIONS
AND SCHEDULE FOR TRANSFORMER SCHEDULES.
CONDUCT A SELECTIVE COORDINATION STUDY FOR THE POWER DISTRIBUTION SYSTEMS
LISTED BELOW. THE STUDY SHALL INCLUDE ALL COPS (CB OR PUSSES) STARTING AT BOTH
ENDS OF EACH BACKFEEDER AND ALL COPS (CB OR PUSSES) WITHIN EACH BACKFEEDER
COMPONENT WITHIN THESE SYSTEMS. THE CONTRACTOR SHALL PROVIDE COPIES OF THE
RESULTS AND RATINGS AS REQUIRED TO ACCOMPLISH SELECTIVE COORDINATION IN ALL
SYSTEMS. THE CONTRACTOR SHALL PROVIDE A SUMMARY OF THE RESULTS OF EACH
INSTANTANEOUS PICKUP. IF A GENERATOR BREAKER IS INSTALLED, IT SHALL BE INCLUDED IN
THE STUDY. THE GENERATOR BREAKER SHALL BE REPLACED IN COOPERATION WITH THE
UTILITY. THE CONTRACTOR SHALL PROVIDE A SUMMARY OF THE RESULTS OF EACH
SELECTIVE COORDINATION TO BE ACHIEVED WITH DOWNSTREAM CBs. COORDINATE
THE RESULTS OF ALL STUDIES WITH THE UTILITY AND THE UTILITY REQUIREMENTS APPLY. SYSTEMS
THAT WILL REQUIRE SELECTIVE COORDINATION ARE AS FOLLOWS:

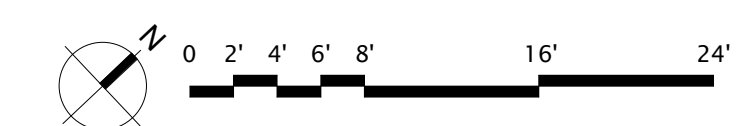
- 1) EMERGENCY SYSTEMS AS OUTLINED UNDER NEC 700.28.
- 2) LEGALLY REQUIRED STANDBY SYSTEMS AS OUTLINED UNDER NEC 701.27
- 4) ELEVATORS AS OUTLINED UNDER NEC 620.62.

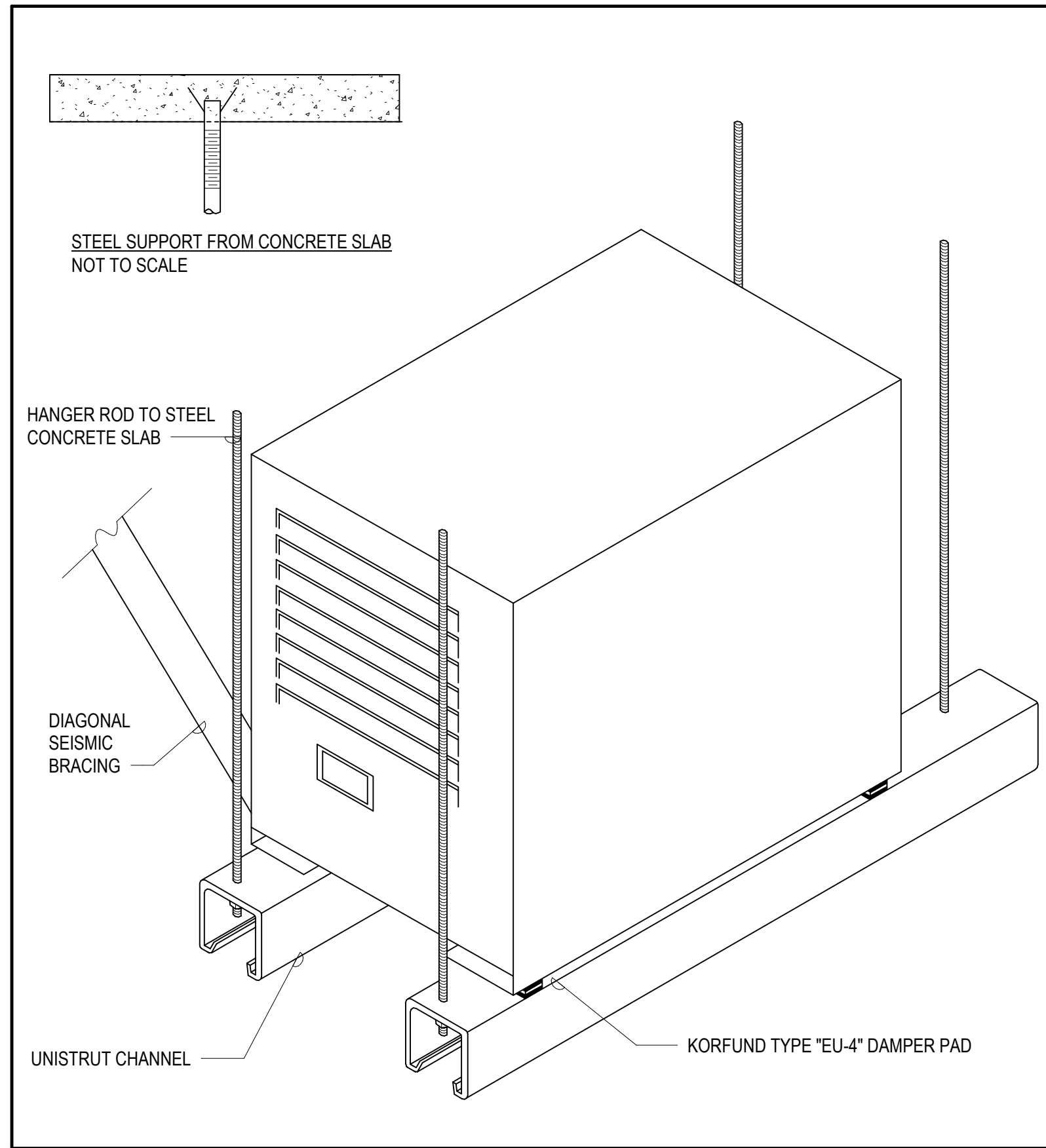
1. MAIN DISCONNECT IS TO BE SUPPLIED AND INSTALLED WITHIN 50 FEET OF UTILITY TRANSFORMER PER ROCKY MOUNTAIN POWER'S REQUIREMENT.
2. FIRE PUMP IS TO BE SUPPLIED FROM A UTILITY SERVICE CONNECTION AHEAD OF THE SERVICE DISCONNECTING MEANS PER NEC ARTICLE 695.3A(1).
3. CONDUCTOR SIZE INCREASED FOR VOLTAGE DROP.
4. PROVIDE MC CABLE FOR UNIT FEEDERS. ROUTE IN LADDER TRAY AT GARAGE CEILING.
5. PANEL #11 IS TO BE SUPPLIED AND INSTALLED BY POOL ELECTRICAL SUBCONTRACTOR. COORDINATE WITH POOL ELECTRICAL SUBCONTRACTOR FOR TERMINATION OF PANEL FEEDERS.



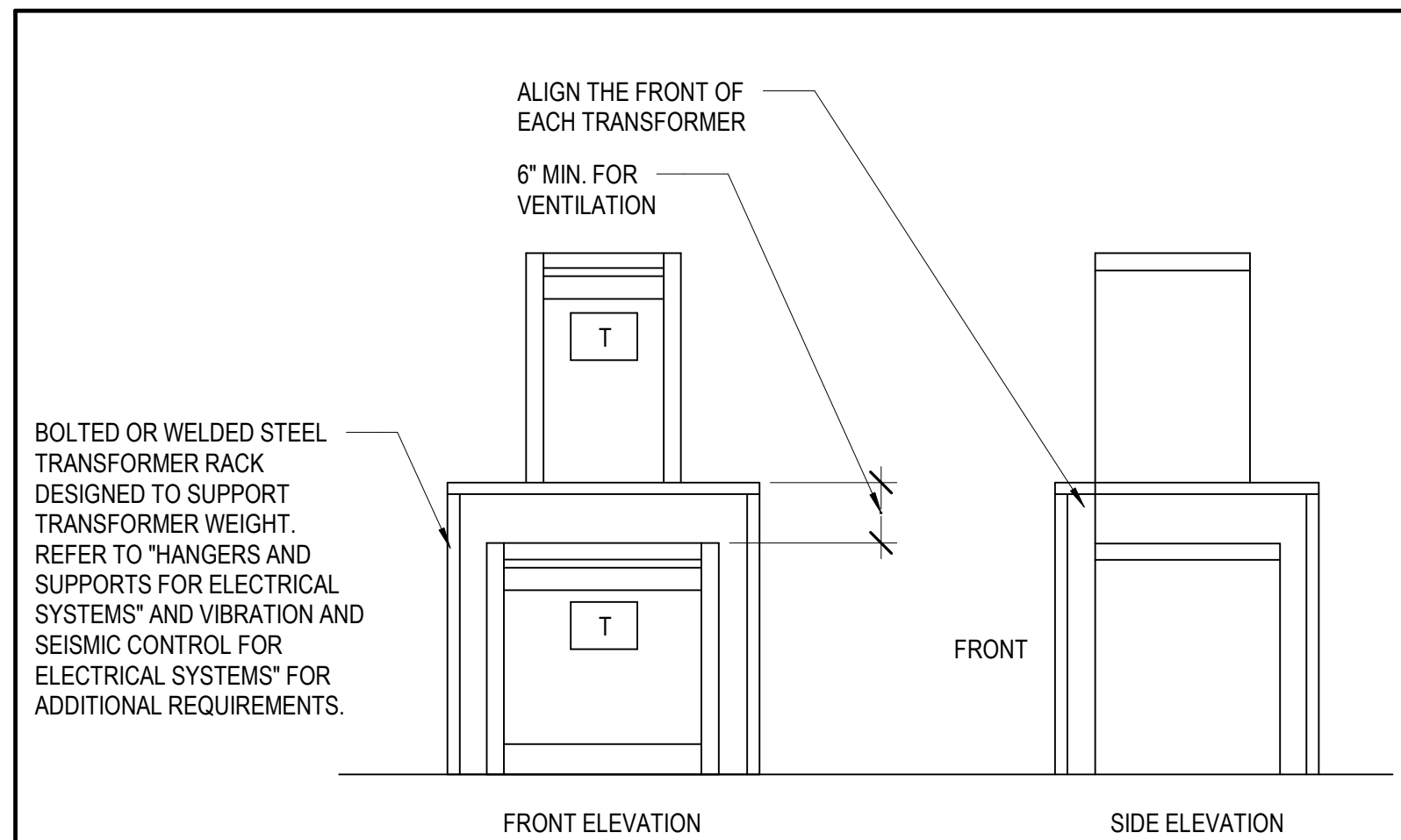


E5.01C

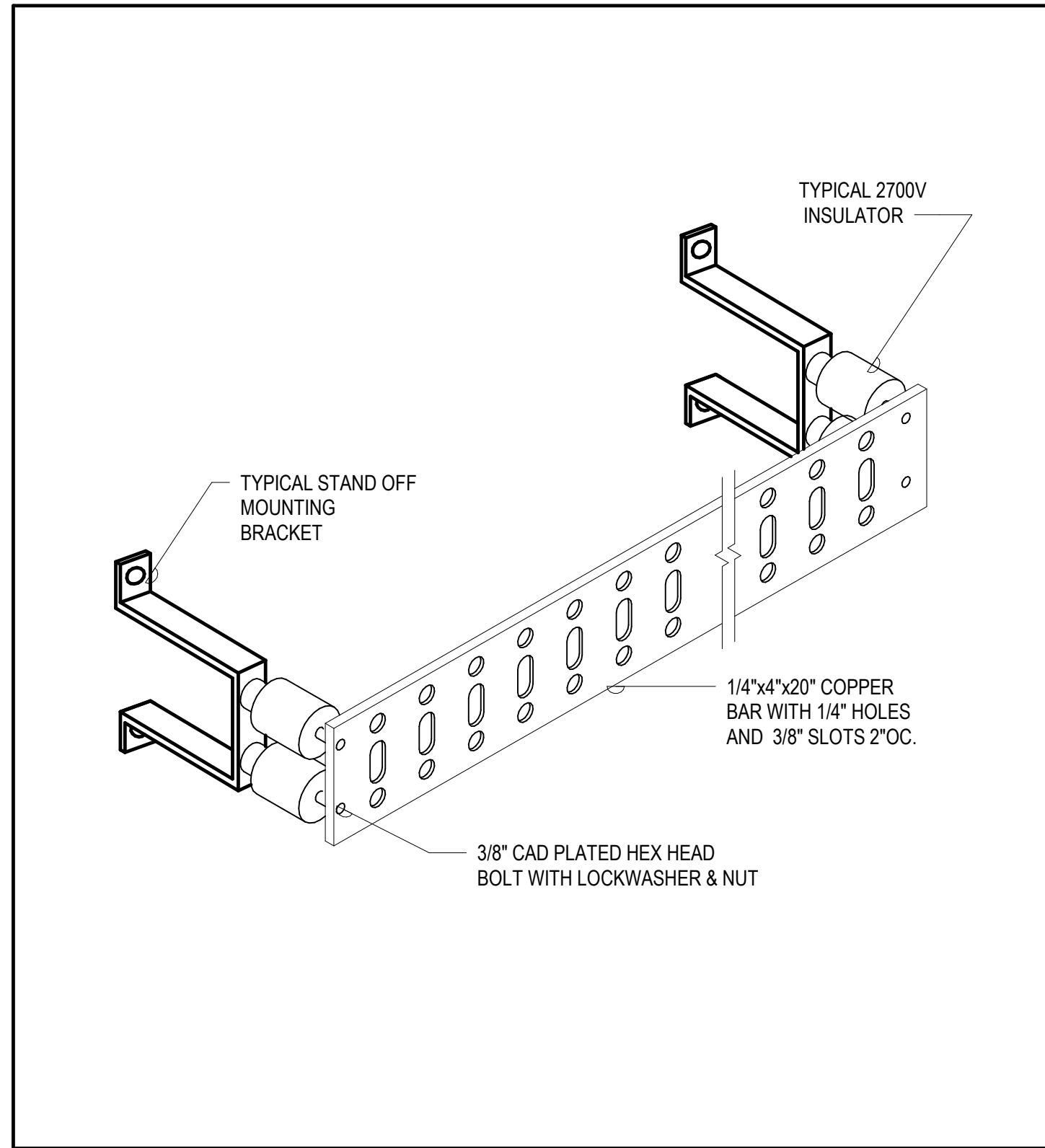




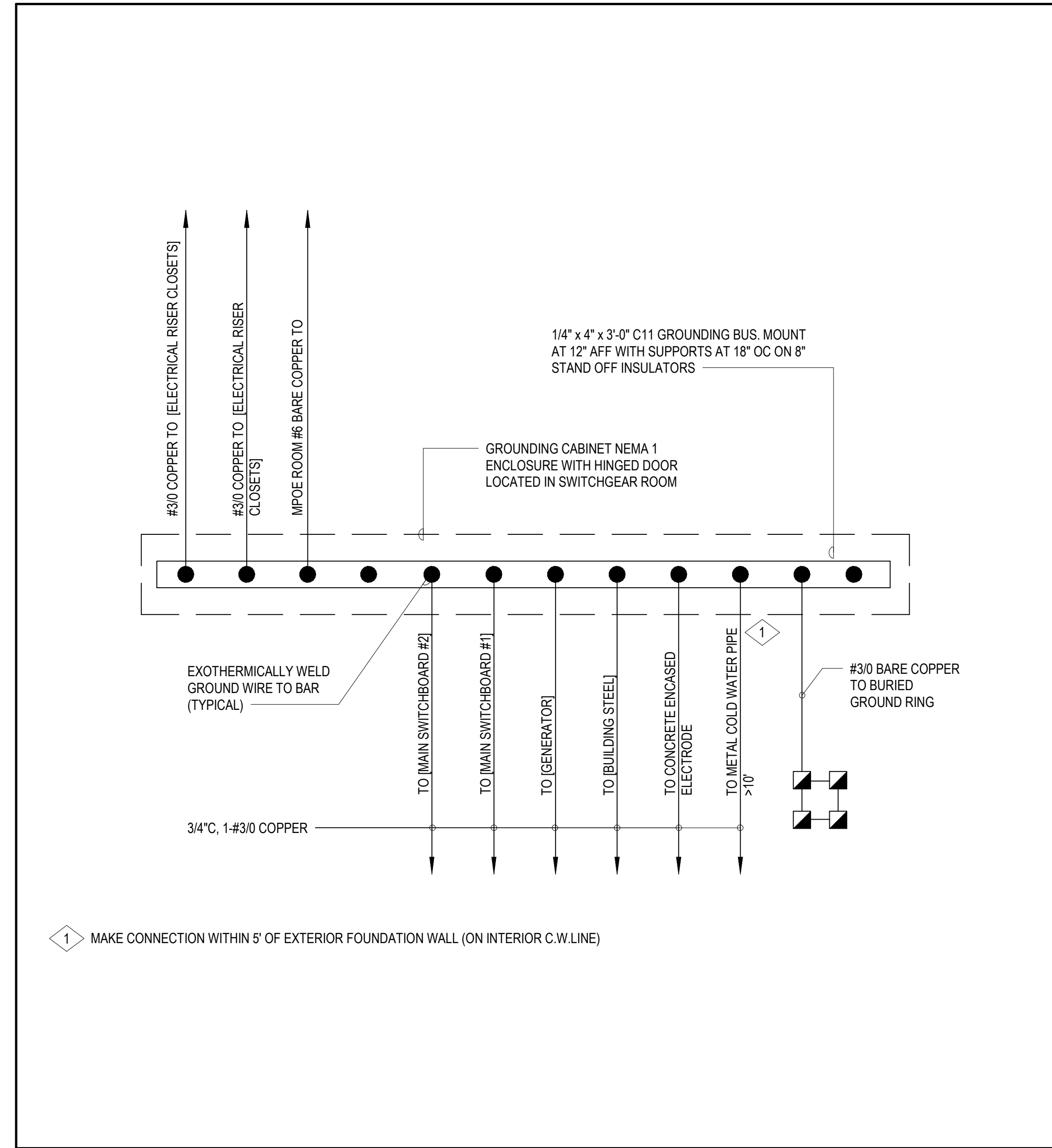
4 CEILING HUNG TRANSFORMER
SCALE: NOT TO SCALE



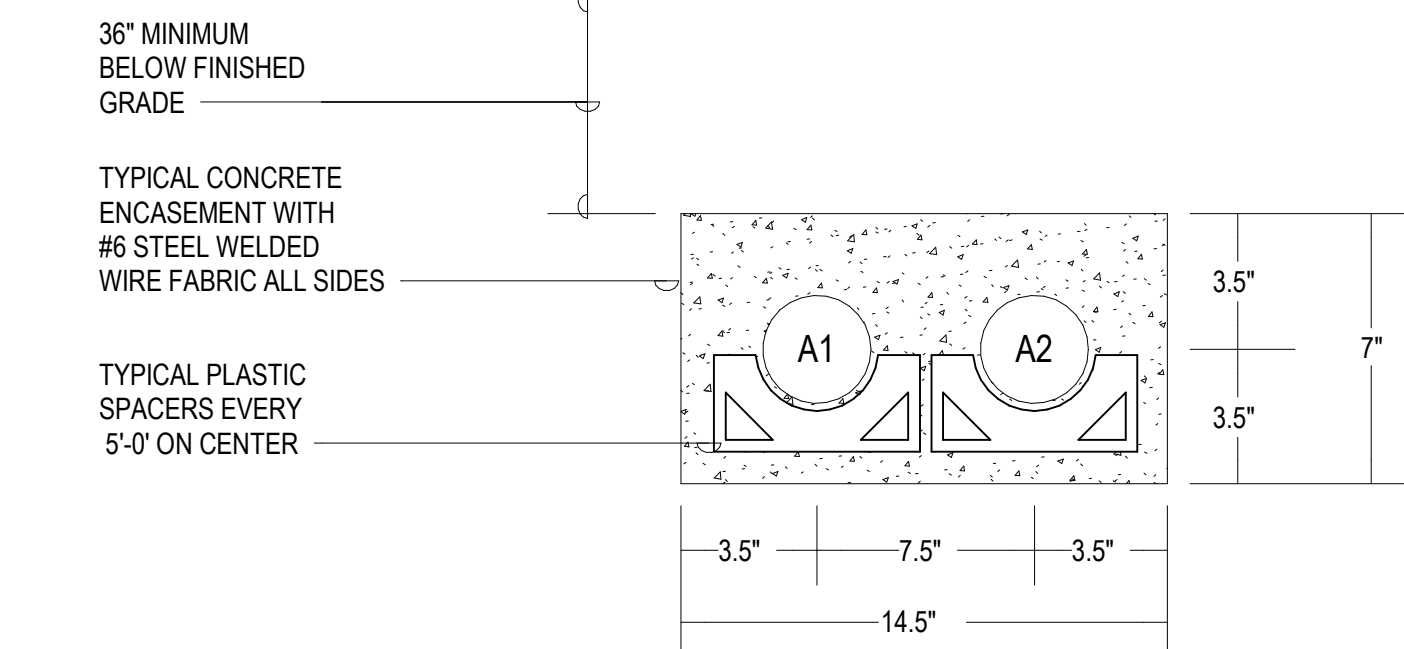
3 DETAIL OF STACKED TRANSFORMER
SCALE: NOT TO SCALE



2 GROUND BAR MOUNTING
SCALE: NOT TO SCALE



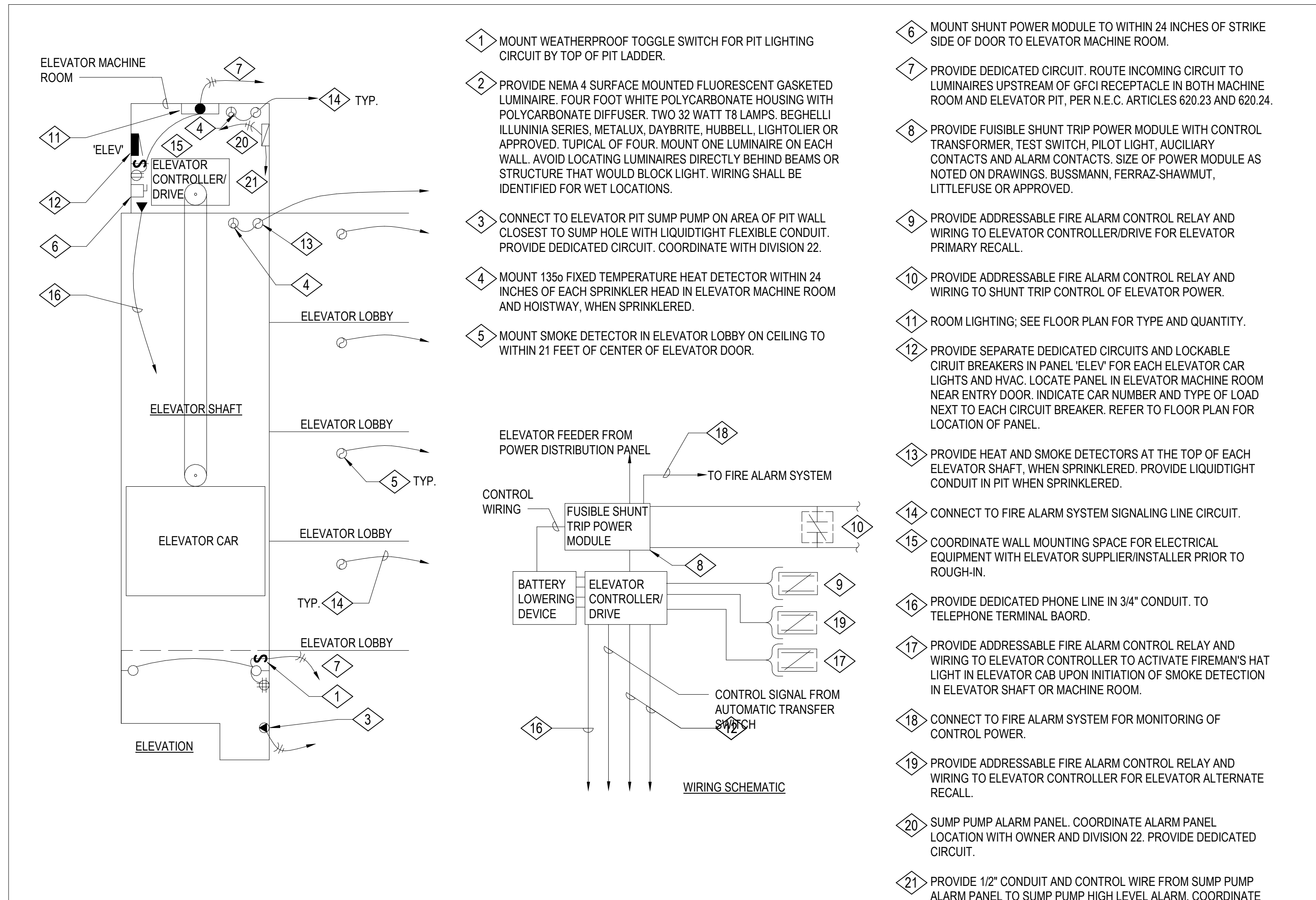
1 MAIN GROUND BUS BAR
SCALE: NOT TO SCALE



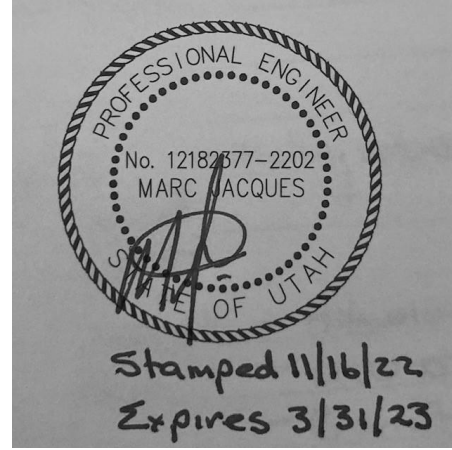
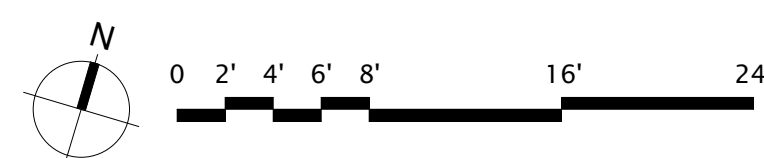
- KEY
- A1 2" PVC CONTAINING 3-#20 & 1-#10 GND FOR FIRE PUMP NORMAL SERVICE
 - A2 2" EMPTY PVC FOR UTILITY COMPANY METERING.

- NOTES
- ALL EXCAVATION AND BACKFILL UNDER DIVISION 2.
 - ALL CONCRETE WORK UNDER DIVISION 3.
 - EXACT ROUTING TO BE FIELD DETERMINED BASED ON ACTUAL CONDITIONS
 - PROVIDE NYLON PULL CORD IN ALL EMPTY CONDUITS.
 - CHANGEOVER TO GALVANIZED STEEL CONDUIT 5'-0" FROM BUILDING PENETRATIONS OR RISERS.
 - ALL GALVANIZED STEEL CONDUITS TO BE PAINTED WITH RUST RETARDANT PAINT.

5 CONDUIT ENCASED IN CONCRETE 2
SCALE: NOT TO SCALE



6 TRACTION TYPE ELEVATOR DETAIL
SCALE: 1/2" = 1'-0"



Reserved for permit stamp

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checked by _____
job no. _____
date 11/18/2022

revisions:

no. date by

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11/18/2022

ELECTRICAL DETAILS
E6.01AB

480V, 3-PHASE COPPER WIRE									
MAXIMUM LENGTH OF CONDUCTOR IN FT TO BE USED PER VA AND WIRE SIZE									
KVA	CONDUCTOR SIZE						#1	#2	#3
	#12	#10	#8	#6	#4	#2			
2.7	5118	8148	12676	20078	31998	50798	63998		
4.4	2558	4078	6338	10038	16008	25408	31998		
6.1	1708	2718	4228	6658	10668	16938	21238		
8.8	1288	2048	3178	5028	8008	12768	16208		
13.5	1028	1638	2538	4018	6408	10108	12808		
16.2	868	1388	2118	3348	5338	8478	10788		
18.9	768	1198	1818	2878	4578	7268	9148		
21.6	688	1078	1638	2518	4008	6358	8008		
24.3	628	998	1418	2238	3558	5648	7118		
27.0	578	918	1278	2018	3208	5008	6408		
29.7	538	858	1198	1828	2918	4628	5858		
32.4	508	808	1108	1678	2678	4238	5338		
35.1	478	768	1048	1548	2448	3938	4938		
37.8	448	728	988	1438	2298	3638	4538		
40.5	418	688	928	1348	2138	3398	4278		
43.2	388	648	868	1258	2008	3198	3978		
45.9	358	608	808	1168	1888	2998	3768		
48.6	328	568	748	1078	1768	2828	3558		
51.3	298	528	688	988	1628	2638	3338		
54.0	268	488	628	908	1498	2448	3058		
56.7	238	448	568	828	1328	2248	3058		
59.4	208	408	508	748	1198	2018	2918		
62.1	178	368	448	668	1078	1818	2768		
64.8	148	328	388	588	958	1628	2618		
67.5	118	288	328	508	838	1438	2468		
70.2	88	248	268	428	718	1248	2318		
72.9	58	208	208	348	598	1058	2168		
75.6	28	168	168	268	478	868	2018		
78.3		128	128	188	358	748	1878		
81.0		88	88	148	238	628	1728		
83.7				108	168	508	1578		
86.4					108	428	1428		
89.1						348	1278		
91.8						268	1128		
94.5						188	1008		
97.2						108	858		
99.9							708		
102.6							558		
105.3							408		
108.0							258		
130.0									

BASED ON 2% VOLTAGE DROP ALLOWED FOR FEEDERS PER
TITLE 24-01019

VOLTAGE DROP = (CIRCUIT AMPS X TWICE THE LENGTH OF CONDUCTOR X WIRE RESISTANCE)

208V, 1-PHASE COPPER WIRE							
MAXIMUM LENGTH OF CONDUCTOR IN FT TO BE USED PER VOLT AND WIRE SIZE							
KVA	CONDUCTOR SIZE						
	#12	#10	#8	#6	#4	#2	#1
0.7	4808	7668	11928	18888	31018	47798	61020
1.4	2408	3838	5968	9448	15508	23898	30170
2.1	1608	2558	3978	6298	10308	15538	19770
2.8	1208	1928	2988	4728	7538	11958	15058
3.5	968	1538	2388	3768	6028	9268	11848
4.2	808	1268	1958	3158	5028	7668	9818
4.9	698	1098	1708	2708	4308	6638	8608
5.6	—	968	1498	2308	3768	5758	7538
6.3	—	868	1328	2108	3348	5118	6698
7.0	—	—	1198	1898	3018	4788	6208
7.7	—	—	1088	1728	2748	4348	5678
8.4	—	998	1578	2518	3818	5828	7578
9.1	—	—	1428	2238	3398	5238	6838
9.8	—	—	1258	2158	3418	5308	6938
10.5	—	—	1028	2018	3198	4948	6438
11.2	—	—	1188	1968	2998	4578	5978
11.9	—	—	—	1778	2818	4358	5548
12.6	—	—	—	1678	2658	4338	5548
13.3	—	—	—	1568	2528	4178	5378
14.0	—	—	—	1518	2398	4018	5208
14.7	—	—	—	—	2288	3878	5078
15.4	—	—	—	—	2178	3748	4948
16.1	—	—	—	—	2068	3628	4828
16.8	—	—	—	—	1958	3518	4718
17.5	—	—	—	—	1848	3408	4608
18.2	—	—	—	—	1738	3298	4498
18.9	—	—	—	—	1628	3188	4388
19.6	—	—	—	—	1518	3078	4278
20.3	—	—	—	—	1408	2968	4168
21.0	—	—	—	—	1298	2858	4058
21.7	—	—	—	—	1188	2748	3948
22.4	—	—	—	—	1078	2638	3838
23.1	—	—	—	—	968	2528	3728
23.8	—	—	—	—	858	2418	3618
24.5	—	—	—	—	748	2308	3508
25.2	—	—	—	—	638	2198	3398
25.9	—	—	—	—	528	2088	3288
26.6	—	—	—	—	418	1978	3178
27.3	—	—	—	—	308	1868	3068
28.0	—	—	—	—	198	1758	2958

BASED ON 3% VOLTAGE DROP ALLOWED FOR BRANCH CIRCUITS PER NEC TABLE 90.5 (2)

VOLTAGE DROP = (CIRCUIT AMP) X (TWICE THE LENGTH OF CONDUCTOR) X (WIRE RESISTANCE)

120V, 1-PHASE COPPER WIRE								
MAXIMUM LENGTH OF CONDUCTOR IN FT TO BE USED PER VOLT-AMPERE AND WIRE SIZE								
KVA	CONDUCTOR SIZE							
	#12	#10	#8	#6	#4	#2	#1	
0.4	280R	446R	694R	1,100R	1,753R	2,784R	3,066R	
0.8	140R	223R	347R	550R	877R	1,392R	1,753R	
1.2	93R	146R	231R	367R	584R	926R	1,168R	
1.6	70R	112R	174R	275R	438R	669R	877R	
2.0	56R	89R	139R	220R	351R	557R	710R	
2.4	47R	74R	116R	183R	292R	464R	595R	
2.8								
3.2			66R	97R	157R	250R	348R	501R
3.6			56R	87R	137R	219R	348R	438R
4.0			50R	76R	120R	195R	309R	390R
4.4				69R	110R	175R	278R	351R
4.8								
5.2				58R	92R	146R	232R	292R
5.6					86R	135R	214R	274R
6.0					76R	125R	199R	250R
6.4								
6.8					73R	117R	186R	234R
7.2					69R	110R	174R	219R
7.6								
8.0					103R	168R	268R	
8.4					87R	152R	195R	
8.8					82R	147R	186R	
9.2								
9.6					88R	139R	175R	
10.0								
10.4					83R	133R	167R	
10.8								
11.2						127R	159R	
11.6						121R	152R	
12.0						116R	146R	
12.4								
12.8						107R	135R	
13.2						103R	130R	
13.6						100R	127R	
14.0								
14.4								
14.8								
15.2								
15.6								
16.0								
16.4								
16.8								
17.2								
17.6								
18.0								

BASED ON 3% VOLTAGE DROP ALLOWED FOR CIRCUITS PER TITLE 22-01

VOLTAGE DROP = (CIRCUIT AMPS) X (TWICE THE LENGTH OF CONDUCTOR) X (WIRE RESISTANCE)

WIRING SCHEDULE - ALUMINUM CONDUCTORS (0-600V)

CIRCUIT RATING	CONDUIT SIZE (INCHES)							CONDUCTOR SIZE	
	NONE	G	N	NG	NGI	NNG	NGGI	PHASE/ NEUTRAL	GN ¹ / GS
100	1.25	1.25	1.25	1.5	2	2	2	1"	6
125	1.5	2	2	2	2	2	2.5	2.0	4
150	1.5	2	2	2	2.5	2.5	2.5	3.0	4
175	2	2	2	2.5	2.5	2.5	2.5	4.0	4
200	2	2.5	2.5	2.5	2.5	2.5	3	250	4
225	2	2.5	2.5	2.5	3	3	3	300	2
250	2.5	2.5	2.5	3	3	3	3	350	2
300	2.5	3	3	3.5	3.5	3.5	4	500	2
350	2@2	2@2	2@2	2@2.5	2@2.5	2@2.5	2@2.5	410	1
400	2@2	2@2.5	2@2.5	2@2.5	2@2.5	2@2.5	2@3	250	1
450	2@2	2@2.5	2@2.5	2@2.5	2@2.5	2@2.5	2@3	300	1/10
500	2@2.5	2@3	2@2.5	2@3	2@3	2@3	2@3	350	1/10
600	2@2.5	2@3	2@3	2@3.5	2@3.5	2@3.5	2@4	500	2/10
700	3@2.5	3@2.5	3@3	3@3	3@3	3@3	3@3	350	3/10
800	3@2.5	3@2.5	3@2.5	3@3	3@3	3@3	3@3.5	400	3/10
1000	4@2.5	4@2.5	4@2.5	4@3	4@3	4@3	4@3	350	4/10
1200	5@2.5	5@3	5@3	5@3.5	5@3.5	5@3.5	5@4	500	250
1600	6@2.5	6@2.5	6@2.5	6@3	6@3	6@3	6@3.5	400	40*
2000	7@2.5	7@3	7@3	7@3.5	7@3.5	7@3.5	7@4	500	250*
2500	9@2.5	9@3	9@3	9@3.5	9@3.5	9@3.5	9@4	500	350*
3000	10@2.5	10@3	10@3	10@3.5	10@3.5	10@3.5	10@4	500	400*

SUBSCRIPT KEY

SUBSCRIPT	CONDUCTORS PER CONDUIT
NONE	3 PHASE CONDUCTORS, CONDUIT GROUND
G	3 PHASE CONDUCTORS, 1 GROUNDING CONDUCTOR
N	3 PHASE CONDUCTORS, 1 NEUTRAL CONDUCTOR, CONDUIT GROUND
NG	3 PHASE CONDUCTORS, 1 NEUTRAL CONDUCTOR, 1 GROUNDING CONDUCTOR
NGI	3 PHASE CONDUCTORS, 1 NEUTRAL CONDUCTOR, 1 GROUNDING CONDUCTOR, 1 ISOLATED GROUNDING CONDUCTOR
NNG	3 PHASE CONDUCTORS, 2 NEUTRAL CONDUCTORS, 1 GROUNDING CONDUCTOR
NGGI	3 PHASE CONDUCTORS, 2 NEUTRAL CONDUCTORS, 1 GROUNDING CONDUCTOR, 1 ISOLATED GROUNDING CONDUCTOR

EXAMPLES

NOTES

- ALUMINUM CONDUCTORS ARE PERMITTED FOR FEEDERS ONLY.
- SCHEDULE IS BASED ON 3 CURRENT CARRYING CONDUCTORS IN RACEWAY, CABLE OR EARTH AT AMBIENT AIR TEMPERATURE OF 30°C (86°F).
- CONDUIT SIZES ARE BASED ON COMPACT STRANDED XHHW-2 ALUMINUM CONDUCTORS IN RIGID STEEL, OR EMT CONDUIT, MODIFY AS REQUIRED FOR OTHER APPLICATIONS.
- ALUMINUM CONDUCTORS ARE NOT PERMITTED FOR CIRCUIT RATING LESS THAN 100A.
- ALUMINUM CONDUCTORS ARE NOT PERMITTED FOR BRANCH CIRCUITS OR EQUIPMENT CONNECTIONS.
- MODIFY IF USE OF 600 MCM OR LARGER CONDUCTORS IS DESIRED. CONFIRM LUG SIZES ARE AVAILABLE.
- GROUNDING AND ISOLATED GROUNDING CONDUCTOR FOR CIRCUIT RATING 1600A AND HIGHER SHALL BE COPPER CONDUCTORS.
- ** PARALLEL CONDUCTORS ARE NOT PERMITTED UNDER 10, WHERE DOUBLE NEUTRAL CONDUCTORS ARE INDICATED, USE 250MCM NEUTRAL FOR 100A CIRCUIT RATING.

WIRING SCHEDULE - COPPER CONDUCTORS (0-600V)										
CIRCUIT RATING	CONDUIT SIZE (INCHES)							CONDUCTOR SIZE		
	NONE	G	N	NG	NGI	NNG	NNGI	PHASE/ NEUTRAL	IND' G/	
15	0.5	0.5	0.5	0.5	0.5	0.5	0.5	12	12	
20	0.5	0.5	0.5	0.5	0.5	0.5	0.5	12	12	
30	0.5	0.5	0.5	0.5	0.75	0.75	0.75	10	10	
40	0.75	0.75	0.75	1	1	1	1	8	10	
50	1	1	1	1.25	1.25	1.25	1.25	6	10	
60	1	1.25	1.25	1.25	1.5	1.5	1.5	4	10	
70	1	1.25	1.25	1.25	1.5	1.5	1.5	4	8	
80	1.25	1.25	1.25	1.5	2	2	2	2	8	
90	1.25	1.25	1.25	1.5	2	2	2	2	88	

CIRCUITS 100A AND LARGER SHALL BE ALUMINUM.

SUBSCRIPT KEY

SUBSCRIPT	CONDUCTORS PER CONDUIT
NONE	3 PHASE CONDUCTORS, CONDUIT GROUND
G	3 PHASE CONDUCTORS, 1 GROUNDING CONDUCTOR
N	3 PHASE CONDUCTORS, 1 NEUTRAL CONDUCTOR, CONDUIT GROUND
NG	3 PHASE CONDUCTORS, 1 NEUTRAL CONDUCTOR, 1 GROUNDING CONDUCTOR
NGI	3 PHASE CONDUCTORS, 1 NEUTRAL CONDUCTOR, 1 GROUNDING CONDUCTOR, 1 ISOLATED GROUNDING CONDUCTOR
NGNG	3 PHASE CONDUCTORS, 2 NEUTRAL CONDUCTORS*, 1 GROUNDING CONDUCTOR
NGNGI	3 PHASE CONDUCTORS, 2 NEUTRAL CONDUCTORS*, 1 GROUNDING CONDUCTOR, 1 ISOLATED GROUNDING CONDUCTOR
* SINGLE NEUTRAL CONDUCTOR SIZES FOR CIRCUIT RATING 125 AND LESS	

PARALLEL CONDUCTORS ARE NOT PERMITTED UNDER 10" WHERE DOUBLE NEUTRAL CONDUCTORS ARE INDICATED. PROVIDE AN OVERSIZED NEUTRAL CONDUCTOR IN ACCORDANCE WITH THE FOLLOWING TABLE:

CIRCUIT RATING	15	20	30	40	50	60
SINGLE NEUTRAL CONDUCTOR SIZE	10	8	4	2	1	1/0
CIRCUIT RATING	70	80	90	100	125	
SINGLE NEUTRAL CONDUCTOR SIZE	2/0	3/0	4/0	250	250	

EXAMPLES

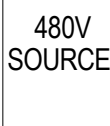
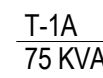
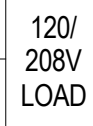
NOTES

- SCHEDULE I IS BASED ON 3 CURRENT CARRYING CONDUCTORS IN RACEWAY, CABLE OR EARTH, AT AMBIENT AIR TEMPERATURE OF 30°C (86°F).
- MODIFY IF USE OF 600MM CONDUCTORS ARE DESIRED CONFIRM LUG SIZES ARE AVAILABLE.

KVA	FEEDER AMPACITY		SUPPLY SIDE & SYSTEM BONDING JUMPERS PER NEW TABLE 250.102(C)(1)	
			COPPER	ALUMINUM
	PRIMARY 480V 3 PHASE-4 WIRE	SECONDARY 207/209V 3 PHASE-4 WIRE		
3	15	15	#8	#6
6	15	20	#8	#6
9	15	30	#8	#6
15	25	50	#8	#6
30	50	100	#8	#6
45	70	150	#6	#4
75	110	250		#10
112 1/2	175	400		#40
150	225	500		#30
225	350	800		#40
300	450	1000		
500	800	1600		500 KCML
750	1200	2500		800 KCML
1000	1600	3500		750 KCML
1500	2500	5500		1250 KCML

FEEDER KEY		
TRANSFORMER IDENTIFICATION PREFIX	FEEDER CONFIGURATION	
	PRIMARY	SECONDARY
T	3 PHASE CONDUCTORS 1 GROUNDING CONDUCTOR (CIRCUIT SUBSCRIPT: G)	3 PHASE CONDUCTORS 1 NEUTRAL CONDUCTOR 1 SUPPLY SIDE BONDING JUMPER (CIRCUIT SUBSCRIPT: NG)
TK	3 PHASE CONDUCTORS 1 GROUNDING CONDUCTOR (CIRCUIT SUBSCRIPT: G)	3 PHASE CONDUCTORS 2 NEUTRAL CONDUCTORS 1 SUPPLY SIDE BONDING JUMPER (CIRCUIT SUBSCRIPT: NNG)
ET	3 PHASE CONDUCTORS 1 GROUNDING CONDUCTOR (CIRCUIT SUBSCRIPT: G)	3 PHASE CONDUCTORS 2 NEUTRAL CONDUCTORS 1 SUPPLY SIDE BONDING JUMPER 1 ISOLATED GROUNDING CONDUCTOR (CIRCUIT SUBSCRIPT: NNGI)

EXAMPLES			
 T-1A 75 KVA	 TK-1A 112-8 KVA	 ET-1A 30 KVA	 ETK-1A 45 KVA

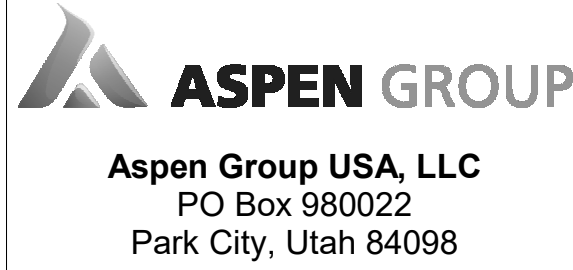
PRIMARY FEEDER		SECONDARY FEEDER	
			

CIRCUITS 100A AND
LARGER SHALL BE
ALUMINUM

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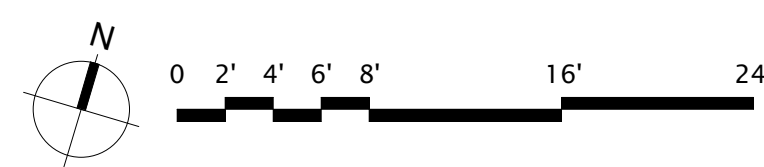
principal architect _____
project manager _____
drawn by _____
checked by Checker
job no. _____
date 11/18/2022

[illegible]

ISSUE FOR
CONSTRUCTION
11/18/2022

ELECTRICAL WIRING SCHEDULES

E6.02AB



LUMINAIRE SCHEDULE											
TYPE	REV	FIXTURE DESCRIPTION	CATALOG NUMBER	VOLTS	WATTS	CONTROL TYPE	SOURCE	DELIVERED LUMENS	CCT	FIXTURE REMARKS	
LP	-	DECORATIVE PORTABLE LUMINAIRES	TBD	120V	200W	DM OR SWITCH ON BOARD	TBD	1000 LM	2700K	FIXTURE IS TO BE COMPLETED WITH PLUG AND CORD.	
LD01	-	DECORATIVE LINEAR PENDANT FOR DINING TABLE OR KITCHEN ISLAND	TBD	120V	100W	LED DM	TBD	1000 LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED. SUPPLY AND INSTALL SQUARE CANOPY COVER.	
LD02	-	DECORATIVE VANITY SCONCE FLANKING MIRROR FOR ALL BATHROOMS	TBD	120V	30W	LED DM	TBD	1000 LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED. SUPPLY AND INSTALL SQUARE CANOPY COVER.	
LD03	-	DECORATIVE VANITY SCONCE CENTERED ABOVE MIRROR FOR POWDER ROOMS	TBD	120V	30W	LED DM	TBD	1000 LM	2700K OR 3000K	FIXTURE IS TO BE CEILING OR WALL MOUNTED. SUPPLY AND INSTALL SQUARE CANOPY COVER.	
LD10	-	DECORATIVE CUSTOM CHANDELER FOR BUILDING A & B ENTRY LOBBY	TBD	120V	600W	LED DM	TBD	6000 LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED. SUPPLY AND INSTALL SQUARE CANOPY COVER.	
LD11	-	DECORATIVE SCONCE FOR PUBLIC STAIRCASES	TBD	277V	6W	0-10V	TBD	700 LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED.	
LD12	-	VANITY SCONCES FOR PUBLIC BATHROOMS	TBD	120V	20W	LED DM	TBD	1000 LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED.	
LD13	-	DECORATIVE SCONCES FOR BUILDING AB RECEPTION	TBD	120V	100W	LED DM	TBD	1000LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED.	
LD14	-	WALL MOUNTED ART LIGHTING FOR TOWER AB LOBBY	TBD	120V	100W	LED DM	TBD	1000LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED.	
LD15	-	DECORATIVE PENDANTS FOR SKI LOUNGE BAR	TBD	120V	100W	LED DM	TBD	1000LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED.	
LD16	-	DECORATIVE PENDANT OVER POOL TABLES FOR SKI LOUNGE POOL ROOM	TBD	120V	300W	LED DM	TBD	3000 LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED.	
LD17	-	DECORATIVE SCONCES FOR CENTER COLUMNS IN LOUNGE	TBD	120V	100W	LED DM	TBD	1000 LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED.	
LD18	-	DECORATIVE PENDANTS FOR BOWLING LOUNGE	TBD	120V	21W	LED DM	TBD	1500 LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED.	
LD19	-	DECORATIVE PENDANTS FOR BOWLING LOUNGE	TBD	120V	100W	LED DM	TBD	1000 LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED.	
LD20	-	DECORATIVE SCONCES FOR GAME LOUNGE	TBD	120V	100W	LED DM	TBD	1000 LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED.	
LD21	-	DECORATIVE PENDANT OVER POOL TABLE FOR LOUNGE	TBD	120V	300W	LED DM	TBD	3000 LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED.	
LD22	-	DECORATIVE SCONCES FOR LOUNGE	TBD	120V	21W	LED DM	TBD	1500 LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED.	
LD1-G	-	RECESSED ADJUSTABLE DOWNLIGHT SQUARE FLANGED FOR GYPSUM CEILING	TECH LIGHTING - ENTRA CL CW IC RATED 8" X 5.1" X 3.5" HOUSING, WIDE FLOOD OPTICS AND WHITE FINISH	277V	15W	LED DM	INTEGRAL LED	1300 LM	2700K		
LD1-W	-	RECESSED ADJUSTABLE DOWNLIGHT SQUARE FLANGED FOR WOOD CEILING	TECH LIGHTING - ENTRA CL CW IC RATED 8" X 5.1" X 3.5" HOUSING, WIDE FLOOD OPTICS AND BLACK FINISH	277V	15W	LED DM	INTEGRAL LED	1300 LM	2700K		
LD2-G	-	RECESSED ADJUSTABLE DOWNLIGHT SQUARE FLANGED FOR GYPSUM CEILING (WET LOCATION)	TECH LIGHTING - ENTRA CL CW IC RATED 8" X 5.1" X 3.5" HOUSING, WIDE FLOOD OPTICS AND WHITE FINISH, SUITABLE FOR WET LOCATION	277V	15W	LED DM	INTEGRAL LED	1300 LM	2700K		
LD2-W	-	RECESSED ADJUSTABLE DOWNLIGHT SQUARE FLANGED FOR WOOD CEILING (WET LOCATION)	TECH LIGHTING - ENTRA CL CW IC RATED 8" X 5.1" X 3.5" HOUSING, WIDE FLOOD OPTICS AND BLACK FINISH, SUITABLE FOR WET LOCATION	277V	15W	LED DM	INTEGRAL LED	1300 LM	2700K		
LD3-G	-	RECESSED ADJUSTABLE MULTIPLE DOWNLIGHT 1X2 RECTANGULAR FLANGED FOR GYPSUM CEILING	TECH LIGHTING - ELEMENT MULTIPLE CW IC RATED 14.9" X 8.7" X 3.5" HOUSING, WIDE FLOOD OPTICS AND BLACK FINISH	277V	35W	LED DM	INTEGRAL LED	2600 LM	2700K		
LD3-W	-	RECESSED ADJUSTABLE MULTIPLE DOWNLIGHT 1X2 RECTANGULAR FLANGED FOR WOOD CEILING	TECH LIGHTING - ELEMENT MULTIPLE CW IC RATED 14.9" X 8.7" X 3.5" HOUSING, WIDE FLOOD OPTICS AND BLACK FINISH	277V	35W	LED DM	INTEGRAL LED	2600 LM	2700K		
LD4	-	CONCEALED LINEAR UNDERCABINET STRIP LIGHT	ENVIRONMENTAL LIGHTS - CONTINUOUS LED STRIP LIGHT	277V	3W/LF	LED DM	INTEGRAL LED	300 LM/FT	2700K	HOUSING TYPE TO BE COORDINATED WITH CABINETRY SHOP DRAWINGS PRIOR TO PROCUREMENT. EXACT LENGTH OF THE FIXTURE RUN IS TO BE AS PER DRAWINGS.	
LD5	-	RECESSED LINEAR LED COVE FOR AMENITY SPACE	FOCAL POINT - SEEM 2 COW 2.5" REGRESS FLANGE-LESS HOUSING AND DIFFUSE LENS	277V	3W/LF	0-10V	INTEGRAL LED	250 LM/FT	2700K	EXACT LENGTH OF THE FIXTURE RUN IS TO BE AS PER DRAWINGS.	
LD6	-	SURFACE MOUNTED LENSED LINEAR UTILITY STRIP FOR KIDS ROOM	BARTCO LIGHTING - BSS210 ROUND LENS AND WHITE FINISH	277V	110W	0-10V	INTEGRAL LED	10,000 LM	2700K		
LD7	-	8 INCH DIAMETER SURFACE MOUNTED LED PANEL FOR KIDS ROOM	DMF - DROSS8R C/W DIFFUSE LENS AND WHITE FINISH	277V	15W	LED DM	INTEGRAL LED	1500 LM	2700K	SUPPLY AND INSTALL DEEP J-BOX TO HOUSE LIGHTING DRIVER	
LD8	-	5 INCH DIAMETER SURFACE MOUNTED LED PANEL FOR KIDS ROOM	DMF - DROSS4R C/W DIFFUSE LENS AND WHITE FINISH	277V	12W	LED DM	INTEGRAL LED	1500 LM	2700K	SUPPLY AND INSTALL DEEP J-BOX TO HOUSE LIGHTING DRIVER	
LD9	-	4 INCH X 18 INCH SURFACE MOUNTED LED PANEL FOR CLOSETS	DMF - DROSS4L C/W DIFFUSE LENS AND WHITE FINISH	277V	17W	LED DM	INTEGRAL LED	1500 LM	2700K	SUPPLY AND INSTALL DEEP J-BOX TO HOUSE LIGHTING DRIVER	
LD10	-	5 INCH X 5 INCH SURFACE MOUNTED SLIM LIGHT FOR CLOSETS	DMF - DROSS4S C/W DIFFUSE LENS AND WHITE FINISH	277V	12W	LED DM	INTEGRAL LED	1500 LM	2700K	SUPPLY AND INSTALL DEEP J-BOX TO HOUSE LIGHTING DRIVER	
LD11	-	LENSED LINEAR UTILITY STRIP FOR BACK OF HOUSE AREA	BARTCO LIGHTING - BSS210 ROUND LENS WITH WHITE FINISH	277V	110W	0-10V	INTEGRAL LED	10,000 LM	3000K		
LD12	-	8FT LENSED LINEAR UTILITY STRIP FOR BASEMENT LEVEL GARAGE	BARTCO LIGHTING - BSW210 ROUND LENS WITH WHITE FINISH	277V	110W	0-10V	INTEGRAL LED	10,000 LM	3000K		
LD13	-	4FT LENSED LINEAR UTILITY STRIP FOR BASEMENT LEVEL GARAGE	BARTCO LIGHTING - BSW210 ROUND LENS WITH WHITE FINISH	277V	110W	0-10V	INTEGRAL LED	10,000 LM	3000K		
LD14	-	WALL MOUNTED SCONCE AT ELEVATOR DOORS	HW LIGHTING - ZDS-WH C/W WIDE FLOOD SORAA PAR20 LED REPLACEMENT LAMP	277V	11W	LED DM	INTEGRAL LED	500 LM	2700K	FIXTURE IS TO BE CEILING OR WALL MOUNTED. SUPPLY AND INSTALL SQUARE CANOPY COVER.	
LD15	-	CONCEALED LINEAR UPLIGHT STRIP	ENVIRONMENTAL LIGHTS - CONTINUOUS LED STRIP LIGHT	277V	3W/LF	LED DM	INTEGRAL LED	300 LM/FT	2700K	HOUSING TYPE TO BE COORDINATED WITH CABINETRY SHOP DRAWINGS PRIOR TO PROCUREMENT. EXACT LENGTH OF THE FIXTURE RUN IS TO BE AS PER DRAWINGS.	
LD16	-	SURFACE MOUNTED CYLINDER DOWNLIGHT FOR OPEN CEILING AREAS	TECH LIGHTING - EXTRA 3 FIXED CYLINDER C/W MFL OPTICS AND SILVER FINISH	277V	27W	LED DM	INTEGRAL LED	2600 LM	2700K	SURFACE MOUNTED CONDUIT TO BE PAINTED TO MATCH SURFACE FINISH	
LD17	-	1FT X 4FT RECESSED LED PANEL FOR BACK OF HOUSE AREAS WITH 1-BAR CEILING	ACQUITY - CPANL WITH DIFFUSE OPTICS AND WHITE FINISH	277V	41W	0-10V	INTEGRAL LED	4400 LM	3500K		
LD18	-	CONCEALED LINEAR INCABINET STRIP	ENVIRONMENTAL LIGHTS - CONTINUOUS LED STRIP LIGHT	277V	3W/FT	LED DM	INTEGRAL LED	300 LM/FT	2700K		
LD19	-	RECESSED LINEAR LED COVE FOR RES. UNITS	FOCAL POINT - SEEM 2 COW 2.5" REGRESS FLANGE-LESS HOUSING AND DIFFUSE LENS	277V	3W/FT	LED DM	INTEGRAL LED	250 LM/FT	2700K		
LD20-G	-	ADJUSTABLE MULTIPLE DOWNLIGHT 1X2 RECTANGULAR FLANGED FOR GYPSUM CEILING	TECH LIGHTING - ELEMENT MULTIPLE WITH WIDE FLOOD OPTICS	277V	35W	LED DM	INTEGRAL LED	2600 LM	2700K		
LD20-W	-	ADJUSTABLE MULTIPLE DOWNLIGHT 1X2 RECTANGULAR FLANGED FOR WOOD CEILING	TECH LIGHTING - ELEMENT MULTIPLE WITH WIDE FLOOD OPTICS	277V	35W	LED DM	INTEGRAL LED	2600 LM	2700K		
LD21	-	CYLINDER PENDANT DOWNLIGHT FOR BOWLING	TECH LIGHTING - ENTRA CYLINDER SUSPENDED	277V	15W	LED DM	INTEGRAL LED	1300 LM	2700K		
LD22	-	RECESSED LINEAR LED STATIC BLUE UPLIGHT FOR BOWLING	ENVIRONMENTAL LIGHTS - FLEX LED NEON BLUE REGRESS FLANGE-LESS HOUSING AND DIFFUSE LENS	277V	3 W/FT	0-10V	INTEGRAL LED	250 LM/FT	2700K		
LD23	-	CONCEALED LINEAR UNDERCABINET STRIP FOR LIQUOR DISPLAY SHELVES AND BOOK SHELF LIGHTING	ENVIRONMENTAL LIGHTS - CONTINUOUS LED STRIP LIGHT	277V	3 W/FT	LED DM	INTEGRAL LED	300 LM/FT	2700K		
LD24	-	CONCEALED LINEAR INCABINET STRIP TO BE CONCEALED WITHIN CAVITY UNDERNEATH SANDBLASTED GLASS SHELF BAR AT LOUNGE	ENVIRONMENTAL LIGHTS - CONTINUOUS LED STRIP LIGHT	277V	4 W/FT	LED DM	INTEGRAL LED	301 LM/FT	2700K		
X01	-	WALL MOUNTED SCONCE FOR EXTERIOR GARAGE AND EXTERIOR DOORS	BEGA US - 33242 WITH DIRECT FULL CUT OFF OPTICS	277V	23W	0-10V	INTEGRAL LED	1600 LM	2700K		
X02	-	STEEL BEAM MOUNTED CYLINDER DOWNLIGHT FOR BUILDING FACADES	BK LIGHTING - HUME SERIES WITH WFL DIRECT FULL CUT OFF OPTICS AND BLU P FINISH	277V	34W	0-10V	INTEGRAL LED	3400 LM	2700K		
X03	-	RECESSED STEPLIGHT FOR LANDSCAPE STAIRS	BK LIGHTING - MINI MICRO WITH DIRECT FULL CUT OFF OPTICS AND BLU P FINISH	277V	3W	MLV	INTEGRAL LED	200 LM	2700K		
X04	-	BOLLARD FOR POOL AREA AND PATHLIGHTING	BEGA US - 89058 WITH DIRECT ASYMMETRIC FULL CUT OFF OPTICS AND BLACK FINISH	277V	15W	0-10V	INTEGRAL LED	1300 LM	2700K		
X05	-	POLE SINGLE SIDED LUMINAIRE FOR ROADS AND EXTERIOR PARKING AND POOL AREA	SELUX - JACA SINGLE WITH DIRECT ASYMMETRIC FULL CUT OFF OPTICS AND BLACK FINISH	277V	36W	LED DM	INTEGRAL LED	3500 LM	2700K	TOP OF LUMINAIRE IS TO BE FLUSH WITH TOP OF STEEL SHADING ROOFS BY POOL	
X06	-	POLE DOUBLE SIDED LUMINAIRE FOR AREAS BETWEEN POOL AND LAWN	SELUX - JACA DOUBLE WITH DIRECT ASYMMETRIC FULL CUT OFF OPTICS AND BLACK FINISH	277V	72W	LED DM	INTEGRAL LED	7000 LM	2700K	TOP OF LUMINAIRE IS TO BE FLUSH WITH TOP OF STEEL SHADING ROOFS BY POOL	
X07	-	WALL MOUNTED SCONCE FOR GATES TO POOL AREA	BEGA US - 33814 WITH DIRECT ASYMMETRIC FULL CUT OFF	277V	11W	0-10V	INTEGRAL LED	700 LM	2700K		
X08	-	RECESSED CONCRETE STEPLIGHT FOR LANDSCAPE STAIRS	SISTEMALUX - GHOST LINEAR 8 INCH WITH DIRECT ASYMMETRIC FULL CUT OFF	277V	4W	0-10V	INTEGRAL LED	200 LM	3000K		
X09	-	STEEL MOUNTED CYLINDER DOWNLIGHT FOR STEEL CANOPIES AT POOL AND ON BUILDINGS	BK LIGHTING - ARTISAN SERIES WITH WFL DIRECT FULL CUT OFF AND BLU P FINISH	277V	10W	MLV	INTEGRAL LED	1000 LM	2700K	SUPPLY AND INSTALL REMOTE TRANSFORMER. LOCATION OF REMOTE TRANSFORMER IS TO BE COORDINATED AND CONFIRMED PRIOR TO CONSTRUCTION. PROVIDE ALL NECESSARY ACCESSORIES TO MOUNT EXIT SIGNS. REFER TO THE LIGHTING PLAN FOR THE QUANTITY OF FACES AND ABOVE. PROVIDE ALL NECESSARY ACCESSORIES TO MOUNT EXIT SIGNS. REFER TO THE LIGHTING PLAN FOR THE QUANTITY OF FACES AND ABOVE.	
EXIT SIGN		EXIT SIGN FOR GENERAL INTERIOR	LITHONIA: EDGR SERIES, AC, SELF DIAGNOSTICS, GREEN	MVOLT	5W	-	LED	-			
EXIT SIGN		EXIT SIGN FOR WET LOCATION	LITHONIA: EXG SERIES, AC, SELF DIAGNOSTICS, BLACK THERMOPLASTIC HOUSING WITH GREEN LETTERS	MVOLT	5W	-	LED	-			

LIGHTING CONTROL INTENT MATRIX AND SEQUENCE OF OPERATIONS													
SPACE TYPE	LED DIMMING	OCCUPANCY SENSOR		PHOTOCELL			NORMAL BUSINESS HOURS		AFTER HOURS		OVERRIDE		EMERGENCY LTG STRATEGY
	MANUAL CONTROL DIMMING SETPOINT	SENSOR FUNCTION	SENSOR DELAY SETPOINT	AS REQUIRED BY UTAH CODE	PHOTOCELL SETPOINT	REMARKS	LIGHTING	LIGHTING	LIGHTING	DURATION	LIGHTING		
COMMON SPACES - INTERIOR (NON-RESIDENTIAL)													
MAIN ENTRANCE / LOBBY / RECEPTION	CONTINUOUS DIMMING FROM 100%-10%	AUTO ON AUTO PARTIAL OFF	15 MINUTES	REQUIRED IN DAYLIGHT ZONES	10FC AT FLOOR	DAYLIGHT DIMMING RESPONSE	ALL LIGHTING CONTROLLED AS PER MASTER SCENE SETTINGS AND TIME CLOCK. OCCUPANCY SENSOR ACTIVATES TO 100% ON, DIM VIA MANUAL CONTROLS AND PHOTOCELL. CONTROLS. DIM VIA PHOTOSENSOR.	ALL LIGHTING CONTROLLED AS PER MASTER SCENE SETTINGS AND TIME CLOCK. OCCUPANCY SENSOR ACTIVATES TO 100% ON, DIM VIA MANUAL CONTROLS AND PHOTOCELL. CONTROLS. THEN CONTROLLED AS NORMAL.	ON/OFF VIA MANUAL CONTROL	2 HOURS MAX	E1		
ELEVATOR LOBBIES	CONTINUOUS DIMMING FROM 100%-10%	AUTO ON AUTO OFF	15 MINUTES	REQUIRED IN DAYLIGHT ZONES	10FC AT FLOOR	DAYLIGHT DIMMING RESPONSE	ALL LIGHTS ON/OFF PER MASTER SCENE SETTINGS AND TIME CLOCK. OCCUPANCY SENSOR ACTIVATES TO 100% ON, DIM VIA MANUAL CONTROLS AND PHOTOCELL. PER ELEVATOR CODE ASME A17, ELEVATOR LOBBY LIGHTING SHALL MAINTAIN 10 FC ON ELEVATOR THRESHOLD AT ALL TIMES.	PER ELEVATOR CODE ASME A17, ELEVATOR LOBBY LIGHTING SHALL MAINTAIN 10 FC ON ELEVATOR THRESHOLD AT ALL TIMES.	ON/OFF VIA MANUAL CONTROL	2 HOURS MAX	E1		
CIRCULATION	CONTINUOUS DIMMING FROM 100%-10%	AUTO ON AUTO PARTIAL OFF	5 MINUTES	NA	NA	NA	ALL LIGHTS ON/OFF PER MASTER SCENE SETTINGS AND TIME CLOCK. OCCUPANCY SENSOR ACTIVATES TO 100% ON AND PARTIAL OFF (50%) DIM VIA MANUAL CONTROLS AND PHOTOCELL.	ALL LIGHTING IS OFF, UNLESS OVERIDDEN VIA MANUAL CONTROLS OR OCC SENSOR, THEN CONTROLLED AS NORMAL.	ON/OFF VIA MANUAL CONTROL	2 HOURS MAX	E1		
GAME ROOM	CONTINUOUS DIMMING FROM 100%-10%	MANUAL ON AUTO OFF	15 MINUTES	REQUIRED IN DAYLIGHT ZONES	10FC AT FLOOR	DAYLIGHT DIMMING RESPONSE	LIGHTS ON PER MASTER KEYPAD AND LOCAL SCENE KEYPAD. AUTO OFF PER VACANCY SENSOR. ON/OFF VIA MANUAL CONTROLS. DIM VIA PHOTOSENSOR.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	E1		
GYM/FITNESS	CONTINUOUS DIMMING FROM 100%-10%	MANUAL ON AUTO OFF	15 MINUTES	REQUIRED IN DAYLIGHT ZONES	10FC AT FLOOR	DAYLIGHT DIMMING RESPONSE	LIGHTS ON PER MASTER KEYPAD AND LOCAL SCENE KEYPAD. AUTO OFF PER VACANCY SENSOR. ON/OFF VIA MANUAL CONTROLS. DIM VIA PHOTOSENSOR.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	E1		
MULTI-STALL RESTROOMS	CONTINUOUS DIMMING FROM 100%-10%, RAMP ON AND OFF IN 3 SECONDS.	AUTO ON AUTO OFF	20 MINUTES	NA	NA	NA	ON/OFF PER OCCUPANCY SENSOR.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	E1		
SINGLE STALL RESTROOMS	CONTINUOUS DIMMING FROM 100%-10%, RAMP ON AND OFF IN 3 SECONDS.	MANUAL ON AUTO OFF	20 MINUTES	NA	NA	NA	ON/OFF PER OCCUPANCY SENSOR.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	E1		
SPA LOUNGE	CONTINUOUS DIMMING FROM 100%-10%	MANUAL ON AUTO OFF	20 MINUTES	REQUIRED IN DAYLIGHT ZONES	10FC AT FLOOR	DAYLIGHT DIMMING RESPONSE	LIGHTS ON PER MASTER KEYPAD. AUTO OFF PER VACANCY SENSOR. ON/OFF VIA MANUAL CONTROLS. DIM VIA PHOTOSENSOR.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	E1		
TREATMENT ROOMS	CONTINUOUS DIMMING FROM 100%-10%, RAMP ON AND OFF IN 3 SECONDS.	MANUAL ON AUTO OFF	20 MINUTES	NA	NA	NA	ON/OFF PER OCCUPANCY SENSOR.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	E1		
LOCKER ROOMS	CONTINUOUS DIMMING FROM 100%-10%, RAMP ON AND OFF IN 3 SECONDS.	AUTO ON AUTO OFF	15 MINUTES	REQUIRED IN DAYLIGHT ZONES	10FC AT FLOOR	DAYLIGHT DIMMING RESPONSE	ON AND OFF PER OCCUPANCY SENSOR. ON/OFF VIA MANUAL CONTROLS. DIM VIA PHOTOSENSOR.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	E1		
KIDS ROOM	CONTINUOUS DIMMING FROM 100%-10%	MANUAL ON AUTO OFF	15 MINUTES	REQUIRED IN DAYLIGHT ZONES	10FC AT FLOOR	DAYLIGHT DIMMING RESPONSE	LIGHTS ON PER MASTER KEYPAD AND LOCAL SCENE KEYPAD. AUTO OFF PER VACANCY SENSOR. ON/OFF VIA MANUAL CONTROLS. DIM VIA PHOTOSENSOR.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	E1		
KITCHENETTE	CONTINUOUS DIMMING FROM 100%-10%	MANUAL ON AUTO OFF	20 MINUTES	NA	NA	-	LIGHTS ON PER MASTER KEYPAD. AUTO OFF PER VACANCY SENSOR. ON/OFF VIA MANUAL CONTROLS. DIM VIA PHOTOSENSOR.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	E1		
GARAGE	NA	AUTO ON AUTO PARTIAL OFF	5 MINUTES	NA	NA	-	40% ON PER TIMECLOCK, 100% ON AND PARTIAL OFF 40% PER OCCUPANCY SENSOR.	OFF, UNLESS OVERIDDEN VIA MANUAL CONTROLS, THEN CONTROLLED AS NORMAL.	ON/OFF VIA MANUAL CONTROL	2 HOURS MAX	E1		
RESIDENT STORAGE	NA	MANUAL ON AUTO OFF	5 MINUTES	NA	NA	-	ON/OFF PER MANUAL CONTROLS AND OFF PER OCCUPANCY SENSOR.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	-		
BACK-OF-HOUSE ELEVATOR LOBBY	CONTINUOUS DIMMING FROM 100%-10%	AUTO ON AUTO OFF	15 MINUTES	NA	NA	-	ALL LIGHTS ON/OFF PER MASTER SCENE SETTINGS AND TIME CLOCK. OCCUPANCY SENSOR ACTIVATES TO 100% ON, DIM VIA MANUAL CONTROLS. PER ELEVATOR CODE ASME A17, ELEVATOR LOBBY LIGHTING SHALL MAINTAIN 10 FC ON ELEVATOR THRESHOLD AT ALL TIMES.	ALL LIGHTS ON/OFF PER OCCUPANCY SENSOR, DIM VIA MANUAL CONTROLS. PER ELEVATOR CODE ASME A17, ELEVATOR LOBBY LIGHTING SHALL MAINTAIN 10 FC ON ELEVATOR THRESHOLD AT ALL TIMES.	ON/OFF VIA MANUAL CONTROL	2 HOURS MAX	E1		
BACK-OF-HOUSE STORAGE	NA	MANUAL ON AUTO OFF	5 MINUTES	NA	NA	-	ON/OFF PER MANUAL CONTROLS AND OFF PER OCCUPANCY SENSOR.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	-		
ELECTRICAL RMS	NA	NOT REQUIRED	NA	NA	NA	-	ON/OFF PER MANUAL CONTROLS.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	E3		
MECHANICAL RMS	NA	AUTO ON AUTO OFF	5 MINUTES	NA	NA	-	ON/OFF PER MANUAL CONTROLS AND OCCUPANCY SENSOR.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	E1		
MDX / DX / TELE / SERVER RMS	NA	AUTO ON AUTO OFF	5 MINUTES	NA	NA	-	ON/OFF PER MANUAL CONTROLS AND OCCUPANCY SENSOR.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	NA	E1		
RESIDENTIAL UNIT													
DWELLING UNITS - ENTRY	CONTINUOUS DIMMING FROM 100%-10%	NA	-	NO	NA	-	ON/OFF VIA MANUAL CONTROLS.	NA	NA	NA	-		
DWELLING UNITS - KITCHEN/LIVING/DINING	CONTINUOUS DIMMING FROM 100%-10%	NA	-	NO	NA	-	ON/OFF VIA MANUAL CONTROLS.	NA	NA	NA	-		
DWELLING UNITS - MAIN BEDROOM	CONTINUOUS DIMMING FROM 100%-10%	NA	-	NO	NA	-	ON/OFF VIA MANUAL CONTROLS.	NA	NA	NA	-		
DWELLING UNITS - BEDROOM	CONTINUOUS DIMMING FROM 100%-10%	NA	-	NO	NA	-	ON/OFF VIA MANUAL CONTROLS.	NA	NA	NA	-		
DWELLING UNITS - BATHROOM	CONTINUOUS DIMMING FROM 100%-10%	MANUAL ON AUTO OFF	10 MINUTES	NO	NA	-	ON/OFF VIA MANUAL CONTROLS. OFF PER OCCUPANCY SENSOR.	NA	NA	NA	-		
DWELLING UNITS - LAUNDRY/UTILITY	CONTINUOUS DIMMING FROM 100%-10%	MANUAL ON AUTO OFF	10 MINUTES	NO	NA	-	ON/OFF VIA MANUAL CONTROLS. OFF PER OCCUPANCY SENSOR.	NA	NA	NA	-		
DWELLING UNITS - CORRIDOR	CONTINUOUS DIMMING FROM 100%-10%	NA	-	NO	NA	-	ON/OFF VIA MANUAL CONTROLS.	NA	NA	NA	-		
EXTERIOR AREAS													
OUTDOOR - AWNING	NA	NA	NA	YES OR TIMECLOCK	5 FC	DAYLIGHT ON/OFF RESPONSE	ON/OFF PER ASTRONOMICAL TIMECLOCK SUCH THAT LIGHTING IS OFF WHILE DAYLIGHT IS AVAILABLE.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	2 HOURS MAX	E1		
OUTDOOR - FAÇADE	NA	NA	NA	YES OR TIMECLOCK	5 FC	DAYLIGHT ON/OFF RESPONSE	ON/OFF PER ASTRONOMICAL TIMECLOCK SUCH THAT LIGHTING IS OFF WHILE DAYLIGHT IS AVAILABLE.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	2 HOURS MAX	NA		
OUTDOOR - MAIN ENTRY	NA	NA	NA	YES OR TIMECLOCK	5 FC	DAYLIGHT ON/OFF RESPONSE	ON/OFF PER ASTRONOMICAL TIMECLOCK SUCH THAT LIGHTING IS OFF WHILE DAYLIGHT IS AVAILABLE.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	2 HOURS MAX	E1		
OUTDOOR - POOL	NA	NA	NA	YES OR TIMECLOCK	5 FC AT GROUND	DAYLIGHT ON/OFF RESPONSE	ON/OFF PER ASTRONOMICAL TIMECLOCK SUCH THAT LIGHTING IS OFF WHILE DAYLIGHT IS AVAILABLE.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	2 HOURS MAX	E1		
OUTDOOR - HARDSCAPE	NA	NA	NA	YES OR TIMECLOCK	5 FC AT GROUND	DAYLIGHT ON/OFF RESPONSE	ON/OFF PER ASTRONOMICAL TIMECLOCK SUCH THAT LIGHTING IS OFF WHILE DAYLIGHT IS AVAILABLE.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	3 HOURS MAX	E2		
OUTDOOR - LANDSCAPE	NA	NA	NA	YES OR TIMECLOCK	2 FC AT GROUND	DAYLIGHT ON/OFF RESPONSE	ON/OFF PER ASTRONOMICAL TIMECLOCK SUCH THAT LIGHTING IS OFF WHILE DAYLIGHT IS AVAILABLE.	SAME AS NORMAL BUSINESS HOURS.	ON/OFF VIA MANUAL CONTROL	2 HOURS MAX	E1		
GENERAL NOTES:	1. THE INTENT OF THIS SCHEDULE IS TO CLARIFY THE PROGRAMMING AND FUNCTION OF CONTROLS THAT MAY BE LOCATED IN EACH SPACE TYPE. 2. THIS SCHEDULE IS NOT INTENDED TO DEFINE WHICH CONTROLS ARE TO BE INSTALLED IN EACH SPACE TYPE. 3. FOR ACTUAL CONTROL DEVICES TO BE INSTALLED IN EACH SPACE, REFER TO PLANS. 4. ALL SETPOINTS AND TIME SCHEDULES TO BE VERIFIED WITH OWNER PRIOR TO PROGRAMMING. 5. NA = NOT APPLICABLE WITH CONTROL DESIGN. 6. FOOTCANDLES ARE BASED ON THE IESNA LIGHTING STANDARDS AND ARE TO BE USED AS A BASELINE DEFAULT FOR PROGRAMMING. LEVELS SUBJECT TO CHANGE PER ENERGY CODE COMPLIANCE AND OWNER REQUEST. 7. NOT USED 8. PHOTOCELL CONTROLLED LIGHT FIXTURES SHALL BE REDUCED TO 65% OF LIGHTING OUTPUT (MINIMUM) WHEN THE LIGHTING ILLUMINANCE RECEIVED FROM THE DAYLIGHT IS GREATER THAN 150% OF THE ILLUMINANCE OF THE GENERAL LIGHTING. LIGHT LEVEL BASELINES TO BE VERIFIED PRIOR TO PHOTOCELL SETPOINT PROGRAMMING. 9. SECONDARY ZONE TO BE DIMMED SEPARATELY FROM THE PRIMARY ZONE USING ABOVE CRITERIA. 9. PARKING GARAGES WHEN ILLUMINANCE MEASURED AT OUTER EDGE OF SECONDARY DAYLIGHT ZONE IS GREATER THAN 150% OF DESIGN LIGHTING IN SIDELOT ZONES SHALL TURN OFF VIA PHOTOCELL. 10. DWELLING UNITS THAT INCLUDE LOW EFFICACY SOURCES WILL REQUIRE OCCUPANCY SENSORS ON DIMMING. 11. IN SPACE TYPES WHERE DIMMING SETPOINT IS INDICATED AS "NA" IN THIS SEQUENCE OF OPERATIONS, BUT DIMMING IS SHOWN ON PLANS, PROVIDE CONTINUOUS DIMMING FROM 10%-10%. 12. PARTIAL OFF OCCUPANCY SENSORS SHALL RETURN LIGHTS TO THE TIMECLOCK SCHEDULED SETPOINT AFTER OCCUPANCY IS NOT DETECTED FOR THE TIME PERIOD INDICATED ABOVE. 13. LIGHT BASELINE REQUIRED TO BRING EXCESS LIGHTING UP TO FULL BRIGHTNESS UPON LOSS OF NORMAL POWER. 14. LIGHT BASELINE REQUIRED TO BRING EXCESS LIGHTING UP TO FULL BRIGHTNESS UPON LOSS OF NORMAL POWER OR UPON SIGNAL FROM THE FIRE ALARM SYSTEM.												
EMERGENCY LIGHTING STRATEGY NOTES:													

SWITCHBOAR... MS-P2A1			277/480V OUTDOOR Fed From: UTILITY XFMR		Wires: 4 Enclosure: 1 Bus Type: COPPER Mounting: FLOOR		Neutral: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO	
Location: MAIN ELEC SWITCHBOARD 403SF Main Bus: 3000 A MCB: 3000A Voltage: 480/277 Wye AIC Rating: 65,000 A								
CKT	Circuit Description	# of Poles	Frame	Rating	Load	Remarks		
1	LPH-BA1	3	400 A	400 A	243464 VA			
2	LPH-P2A1	3	400 A	400 A	46737 VA			
3	MHP-P2A1	3	400 A	400 A	256676 VA			
4	MHP-P1B1	3	400 A	400 A	467259 VA			
5	LPH-BB1	3	400 A	400 A	14354 VA			
6	T-EV-A	3	400 A	400 A	217200 VA			
7								
8	LPH-P2A2	3	400 A	400 A	21101 VA			
9	ELEVATOR S1	3	400 A	20 A	500 VA			
10	Q-ATS-P2A	3	400 A	20 A	51700 VA			
11	S-ATS-P2A	3	400 A	400 A	268676 VA			
12	E-ATS-P2A	3	400 A	400 A	91088 VA			
13	LPH-P2B1	3	400 A	400 A	113880 VA			
14	ELEVATOR P3	3	400 A	400 A	500 VA			
15								
16								
17								
18								
Total Conn. Load: Total Amps:								
MS-P2A1 LOAD SUMMARY								
Load Classification	Connected Load	*Demand Factor	Estimated Demand		Panel Totals			
Other	691 VA		691 VA					
RCPTS	112860 VA		61490 VA		Total Conn. Load: 1781246 VA			
LTS	53201 VA		66501 VA		Total Est. Demand: 1770289 VA			
MTRS	1324251 VA		1353973 VA		Total Conn.: 2143 A			
HEAT	29564 VA		29564 VA		Total Est. Demand: 2129 A			
MISC	238830 VA		238630 VA					
Power	5306 VA		5306 VA					
Lighting	3 VA		4 VA					
RCPT	14980 VA		12490 VA					
Notes: *See Demand Factor Table								

SWITCHBOARD... MS-P2A2				Fed From: 120/208V OUTDOOR UTILITY XFMR				Neutral: YES			
Location: MAIN ELEC SWITCHBOARD 403SF				Wires: 4				Ground Bus: YES			
Main Bus: 4000 A				Enclosure: NEMA 1				Isolated Ground Bus: NO			
MCB: 4000A				Bus Type: COPPER				200% Neutral: NO			
Voltage: 120/208 Wye				Mounting: FLOOR MOUNTED							
AIC Rating: 42000											
CKT	Circuit Description			# of Poles	Frame	Rating	Load	Remarks			
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
							Total Conn. Load:				
							Total Amps:				
MS-P2A2 LOAD SUMMARY											
Load Classification		Connected Load	*Demand Factor	Estimated Demand		Panel Totals					
			37%	1197585 VA							
						Total Conn. Load: 0 VA					
						Total Est. Demand: 1197585 VA					
						Total Conn.: 0 A					
						Total Est. Demand: 35267 A					
Notes:											
*See Demand Factor Table											

BRANCH PANEL: LPH-BA1						Fed From: MS-P2A1			Neutral Bus: YES					
Location: TOWER A LEVEL B BOILER RM...						Wires: 4W+G			Ground Bus: YES					
Main Bus: 400 A						Enclosure: NEMA 1			Isolated Ground Bus: NO					
MCB: 400A						Bus Type: COPPER			200% Neutral: NO					
Voltage: 480/277 Wye						Mounting: WALL MOUNTED			Feed Through Lugs: NO					
AIC Rating: 35 kA														
CKT	Circuit Description	Load Classification	on	Trip	Poles	A	B	C	Poles	Trip	Load Classification	on	Circuit Description	CKT
1	AHU - A-B1-1	MTRS	20 A	3	2720	5820	2720	5820	3	25 A	MTRS	SHWP A-B-2	2	
3	--	--	--	--	--	--	--	--	--	--	--	--	4	
5	--	--	--	--	--	--	2720	5820	--	--	--	--	6	
7	BP-A-B-3	MTRS	15 A	3	1330	5820	1330	5820	3	25 A	MTRS	SHWP A-B-1	8	
9	--	--	--	--	--	--	--	--	--	--	--	--	10	
11	--	--	--	--	--	--	1330	5820	--	--	--	--	12	
13	BP-A-B-2	MTRS	15 A	3	1330	3880	1330	3880	3	20 A	MTRS	PHWP A-B-2	14	
15	--	--	--	--	--	--	1330	3880	--	--	--	--	16	
17	--	--	--	--	--	--	1330	3880	--	--	--	--	18	
19	BP-A-B-1	MTRS	15 A	3	1330	3880	1330	3880	3	20 A	MTRS	PHWP A-B-1	20	
21	--	--	--	--	--	--	1330	3880	--	--	--	--	22	
23	--	--	--	--	--	--	1330	3880	--	--	--	--	24	
25	SCHWP A-B-2	MTRS	30 A	3	7483	3880	7483	3880	3	20 A	MTRS	PCHWP A-B-2	26	
27	--	--	--	--	--	--	7483	3880	--	--	--	--	28	
29	--	--	--	--	--	--	7483	3880	--	--	--	--	30	
31	SCHWP A-B-1	MTRS	30 A	3	7483	3880	7483	3880	3	20 A	MTRS	PCHWP A-B-1	32	
33	--	--	--	--	--	--	7483	3880	--	--	--	--	34	
35	--	--	--	--	--	--	7483	3880	--	--	--	--	36	
37	EF-A-B-1	MTRS	20 A	1	610 VA	1220	--	--	1	20 A	MTRS	FPT A-B1-4 & FPT A-B1-5	38	
39	LTS LEVEL B1	LTS	20 A	1	1793	1000	--	--	1	20 A	MTRS	FPT A-B1-1	40	
41	LTS LEVEL B1	LTS	20 A	1	2410	1360	--	--	1	20 A	MTRS	FPT A-B1-3	42	
43	EF-A-B-2	MTRS	20 A	1	803 VA	803 VA	--	--	1	20 A	MTRS	EF-A-B-2	44	
45	--	--	--	--	--	--	--	--	--	--	--	--	46	
47	--	--	--	--	--	--	--	--	--	--	--	--	48	
49	--	--	--	--	--	--	--	--	--	--	--	--	50	
51	--	--	--	--	--	--	--	--	--	--	--	--	52	
53	TRANSFORMER T-BA1-L...	Power...	110 A	3	2470	7650	1930	7650	3	40 A	MTRS	AHU-A-B1-2	54	
55	--	--	--	--	--	--	1930	7650	--	--	--	--	56	
57	--	--	--	--	--	--	--	--	--	--	--	--	58	
59	--	--	--	--	--	--	--	--	--	--	--	--	60	
Total Load:						84624 VA	78582 VA	2000 VA						
Total Amps:						306 A	284 A	291 A						
LPH-BA1 LOAD SUMMARY														
Load Classification		Connected Load	*Demand Factor	Estimated Demand	Panel Totals									
RCPTS		2300 VA		2300 VA	Total Conn. Load: 243464 VA									
LTS		4203 VA		5253 VA	Total Est. Demand: 248222 VA									
MTRS		215502 VA		221539 VA	Total Conn.: 293 A									
MISC		6320 VA		6320 VA	Total Est. Demand: 299 A									
Power		360 VA		360 VA										
RCPT		14060 VA		12030 VA										
Notes: *See Demand Factor Table														

DEMAND FACTOR TABLE											
LOAD TYPES		FACTORS									NEC REFERENCE
LTS	1.25	0-10kVA	>10kVA								220.42
RCPTS	1.00										220.44
MTRS	MAX	ALL OTHERS									
	1.25	1.00									220.50
ELEV	1.00	2	3	4	5	6	7	8	9	10 or more	
	1.00	0.85	0.9	0.85	0.82	0.79	0.77	0.75	0.73	0.72	
KTCH	1	2	3	4	5	6 or more					220.14
	1.00	1.00	0.90	0.80	0.70	0.65					220.56
HEAT	1.00										220.51
MISC	1.00										210.19
EXISTING	1.25										
RVN	1.25										
LOAD INDICATED IS DEMAND LOAD FROM EQL. FEEDERS TO EQUIPMENT SIZED FOR CONNECTED LOAD											

SWITCHBOARD... E-DSH-P2A

Location: MECH P255
Main Bus: 800 A
MCB: 800A
Voltage: 480/277 Vye
AIC Rating: 10 kA

Fed From: GENERATOR
Wires: 4
Enclosure: NEMA 1
Bus Type: COPPER
Mounting: SURFACE

Neutral: YES
Ground Bus: YES
Isolated Ground Bus: NO
200% Neutral NO

CKT	Circuit Description	# of Poles	Frame	Rating	Load	Remarks
1	E-ATS-P1C	3	200 A	200 A	0 VA	
2	S-ATS-P1C	3	300 A	300 A	0 VA	
3	Q-ATS-P1C	3	200 A	200 A	0 VA	
4	E-ATS-P2A	3	400 A	400 A	91049 VA	
5	S-ATS-P2A	3	600 A	600 A	263676 VA	
6	Q-ATS-P2A	3	400 A	400 A	51700 VA	
7	SPD	2	60 A	60 A	0 VA	
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

Total Conn. Load:
Total Amps:

E-DSH-P2A LOAD SUMMARY

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	300 VA		300 VA	
RCPTS	54680 VA		32430 VA	Total Conn. Load: 40546 VA
LTS	28207 VA		35259 VA	Total Est. Demand: 401589 VA
MTRS	304646 VA		315146 VA	Total Conn.: 480 A
MISC	17910 VA		17910 VA	Total Est. Demand: 485 A
Lighting	3 VA		4 VA	
RCPT	540 VA		540 VA	

BRANCH PANEL: LP-BA1

Location: TOWER A LEVEL B BOILER RM...
Main Bus: 250 A
MCB: 250A
Voltage: 120/208 Vye
AIC Rating: 10 kA

Fed From: T-B&1-L
Wires: 4W+G
Enclosure: NEMA 1
Bus Type: COPPER
Mounting: WALL MOUNTED

Neutral Bus: YES
Ground Bus: YES
Isolated Ground Bus: NO
200% Neutral: NO
Feed Through Loads: NO

CKT	Circuit Description	Load Classification	Tripp	Poles	A	B	C	Poles	Tripp	Load Classification	Circuit Description	CKT
1	TOILET RCPTS	RCPT	20 A	1	720 VA 1728...	720 VA 540 VA		1	30 A	MTRS	GRS A-B-1	2
2	TOILET RCPTS	RCPT	20 A	1			360 VA 300 VA	1	20 A	RCPTS	BOWLING LOUNGE A002 BAR	4
3	RCPTS EMPLOYEE BREAK 008	RCPT	20 A	1	120 VA 180 VA			1	20 A	RCPT	BOWLING LOUNGE A002	6
9	BOWLING RCPT	RCPT	20 A	1		1260... 180 VA		1	20 A	RCPT	MAIN SHOP RCPT	10
11							720 VA	1	20 A	RCPT	RCPTS	12
12	MTRS BOILER ROOM 012	MTRS	20 A	2	5050... 900 VA			1	20 A	RCPT	HOUSEKEEPING RCPT	14
15			--	--		5050... 540 VA		1	20 A	RCPT	GAME LOUNGE RCPT	16
17	MTRS BOILER ROOM 012	MTRS	20 A	2	-- -- 5050... 1000...		5050... 432 VA	1	15 A	RCPT	ARCADÉ RCPTS	20
21	B-A-P-2.1	MTRS	15 A	1		840 VA 1000...		1	15 A	RCPT	ARCADÉ RCPTS	22
23	B-A-P-2.2 & A-P-2.3	MTRS	15 A	1			1680... 1500...	1	15 A	RCPT	ARCADÉ RCPTS	24
25	LP-BA2	MISC	--	--	3 2407... 1500...			1	15 A	RCPT	ARCADÉ RCPTS	26
27			--	--		2297... 1000...		1	15 A	RCPT	ARCADÉ RCPTS	28
29			--	--			1967... 432 VA	1	20 A	MTRS	U-H-A	30
31	Power	Power	20 A	2	180 VA 500 VA			1	20 A	RCPTS	RCPTS	32
33			--	--		180 VA 180 VA		1	20 A	RCPTS	RCPTS	34
35	BEF A-2	MTRS	20 A	2			1656... 180 VA	1	20 A	RCPTS	RCPTS	36
37	RCPTS	RCPTS	20 A	2	180 VA 1656...			1	20 A	MTRS	BEF A-1	38
39			--	--		0 VA 360 VA		1	20 A	RCPTS...	RCPT STAIR 02A A031/P270U...	40
41	AV RACK	Receptacle	20 A	2		180 VA 180 VA		2	20 A	RCPTS	RCPTS	42
43	AV RACK	Receptacle	20 A	2		180 VA 1375...		2	20 A	MTRS	SEP-4	44
45			--	--			180 VA 1375...	2	20 A	MTRS	SEP-3	50
49	ELEV S1 SEISMIC SENSOR...	MISC	20 A	1	600 VA 1375...			2	20 A	MTRS	SEP-2	52
51	ELEV S1 CYR. ROOM GFI...	RCPTS	20 A	1		500 VA 1375...		2	20 A	MTRS	SEP-2	54
53	ELEV S1 CAR LIGHT	MISC	15 A	1			500 VA 1375...	--	--	--	--	56
55	ELEV S1 INTERCOM	MISC	15 A	1	0 VA 1375...			--	--	--	--	58
57	ELEV PIT GFI RCPT	RCPTS...	20 A	1		360 VA 1375...		2	20 A	MTRS	SEP-1	60
59	ELEV SUMP PUMP ESP-1	MTRS	20 A	1	24701 VA 19302 VA		500 VA 1375...	--	--	--	--	60
		Total Load:			207 A	161 A	168 A					

LP-BA1 LOAD SUMMARY

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
RCPTS	2300 VA		2300 VA	
MTRS	46244 VA		42769 VA	Total Conn. Load: 64004 VA
MISC	6320 VA		6320 VA	Total Est. Demand: 66400 VA
Power	360 VA		360 VA	Total Conn.: 178 A
RCPT	14060 VA		12030 VA	Total Est. Demand: 178 A

Notes:

*See Demand Factor Table

BRANCH PANEL: LP-BB1					Fed From: T-BB1-L				Neutral Bus: YES					
Location: TOWER B LEVEL B ELEC RM B006					Wires: 4W + G				Ground Bus: YES					
Main Bus: 250 A					Enclosure: NEMA 1				Isolated Ground Bus: NO					
MCB: 250A					Bus Type: COPPER				200% Neutral: NO					
Voltage: 120/208 Wye					Mounting: WALL MOUNTED				Feed Through Lugs: NO					
AIC Rating: 10 KA														
CKT	Circuit Description	Load Classification on	Trip	Poles	A	B	C	Poles	Trip	Load Classification	Circuit Description	CKT		
1	TOWER B MISC RCPTS	RCPTS	20 A	1	1080	180 VA			1	20 A	RCPTS	PANTRY RCPT	2	
3	FIRE PUMP RM B011 RCPT	RCPTS	20 A	1		360 VA							4	
5			--	--									6	
7			--	--									8	
9	Receptacle	Receptacle	20 A	2		180 VA							10	
11			--	--			180 VA						12	
13	PH AMENITY B004 RCPT	RCPTS	20 A	1	360 VA								14	
15			--	--			900 VA						16	
17	TOWER B STAIR 03A RCPTS	RCPTS	20 A	1			900 VA/900 VA	1	20 A	MISC	GOLF SIM PROJ		18	
19	TOWER B STAIR 04A RCPTS	RCPTS	20 A	1	540 VA/180 VA			1	20 A	MISC	GOLF SIM CPU		19	
21	PH STORAGE ELEC PANEL	RCPTS	20 A	1		180 VA/360 VA		1	20 A	RCPTS	GOLF SIM CPU		20	
23			--	--				1	20 A	RCPTS	GOLF SIM CPU		22	
25	Receptacle	Receptacle	20 A	2	180 VA								24	
27	--	--	--	--		180 VA							26	
29			--	--									28	
31			--	--									30	
33			--	--									32	
35			--	--									34	
37	SEP-5	MTRS	20 A	2	1375	180 VA		1375					36	
39	--	--	--	--					1	20 A	RCPTS	RCPTS	38	
41	SEP-6	MTRS	20 A	2	1375	432 VA		1375	432 VA	1	20 A	HEAT	HEAT	40
									1	20 A	HEAT	UJA	42	
			Total Load:		4075 VA	3967 VA	5162 VA							
			Total Amps:		34 A	33 A	43 A							
LP-BB1 LOAD SUMMARY														
Load Classification		Connected Load	Demand Factor		Estimated Demand		Panel Totals							
RCPTS		4320 VA			4320 VA									
MTRS		5500 VA			6188 VA		Total Conn. Load: 11204 VA							
HEAT		864 VA			864 VA		Total Est. Demand: 13692 VA							
MISC		1800 VA			1800 VA		Total Conn.: 37 A							
							Total Est. Demand: 39 A							
Notes:														
*See Demand Factor Table														

BRANCH PANEL: LPH-BB1						Fed From: MS-P2A1				Wires: 4W + G				Neutral Bus: YES			
Location: TOWER B LEVEL B ELEC RM B006						Enclosure: NEMA 1				Ground Bus: YES							
Main Bus: 225 A						Bus Type: COPPER				Isolated Ground Bus: NO							
Voltage: 480/277 Wye						Mounting: WALL MOUNTED				200% Neutral: NO							
AIC Rating: 22 kA										Feed Through Lugs: NO							
CKT	Circuit Description	Load Classification on	Trip	Poles	A	B	C	Poles	Trip	Load Classification on	Circuit Description	CKT					
1	T-BB1-L	Receptacle	110 A	3	4075	1150				LTS	LTS TOWER B - LVL B	2					
3	--	--	--	--		3967						4					
5	--	--	--	--								6					
7	--	--	--	--								8					
9												10					
11												12					
13												14					
15												16					
17												18					
19												20					
21												22					
23												24					
25												26					
27												28					
29												30					
31												32					
33												34					
35												36					
37												38					
39												40					
41												42					
Total Load:					5225 VA	3967 VA	5162 VA										
Total Amps:					20 A	14 A	19 A										
LPH-BB1 LOAD SUMMARY																	
Load Classification		Connected Load	Demand Factor		Estimated Demand		Panel Totals										
RCPTS		4320 VA			4320 VA												
LTS		1150 VA			1438 VA		Total Conn. Load: 14354 VA										
MTRS		5500 VA			6188 VA		Total Est. Demand: 15329 VA										
HEAT		864 VA			864 VA		Total Conn.: 17 A										
MISC		1800 VA			1800 VA		Total Est. Demand: 18 A										
Notes:																	
*See Demand Factor Table																	

BRANCH PANEL: ELP-BB1						Fed From: ELP-P2B1				Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO Feed Through Lugs: NO			
Location: TOWER B LEVEL B ELEC B006						Wires: 4W + G							
Main Bus: 225 A						Enclosure: NEMA 1							
MCB: 225A						Bus Type: COPPER							
Voltage: 120/208 Wye						Mounting: WALL MOUNTED							
AIC Rating: 10 KA													

CKT	Circuit Description	Load Classification on	Trip	Poles	A	B	C	Poles	Trip	Load Classification on	Circuit Description	CKT
1	ELEV T3 SPT	MTRS	20 A	1	500 VA/3000			3	20 A	MTRS	JOCKEY PUMP JP-1	2
3	ELEV T3 PIT RCPTS	RCPTS	20 A	1		180 VA	0 VA		--	--		4
5	ELEV T3 SEISMIC SENSOR	MISC	20 A	1			600 VA	0 VA	--	--		6
7	ELEV T3 CAR LIGHT	MISC	15 A	1	500 VA/863 VA			3	20 A	MTRS	FIRE PUMP VALVE	8
9	ELEV T3 CAR LIGHT	MISC	15 A	1		500 VA	0 VA		--	--		10
11	ELEV T3 CTRL RM GFI RCPT	RCPTS	20 A	1		500 VA	0 VA		--	--		12
13	ELEV T4 PIT RCPTS	RCPTS	20 A	1	180 VA							14
15	ELEV T4 SPT	MTRS	20 A	1								16
17	ELEV T4 CAR LIGHT	MISC	15 A	1		500 VA						18
19	ELEV T4 CAR LIGHT	MISC	15 A	1	500 VA							20
21	ELEV T4 SEISMIC SENSOR	MISC	20 A	1		600 VA						22
23	ELEV T4 CTRL ROOM GFI	RCPTS	20 A	1			500 VA					24
25												26
27												28
29												30
31						0 VA						32
33								2	30 A	MISC	SPD	34
35								0 VA	--	--		36
37												38
39												40
41								1	20 A	MTRS	FIRE SMOKE DAMPERS	42
Total Load:					6443 VA	1780 VA	2560 VA					
Total Amps:					55 A	15 A	22 A					

ELP-BB1 LOAD SUMMARY					
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
RCPTS	1360 VA		1360 VA		
MTRS	6225 VA		7186 VA	Total Conn. Load:	10783 VA
MISC	3200 VA		3200 VA	Total Est. Demand:	11758 VA
				Total Conn.: 30 A	
				Total Est. Demand:	33 A

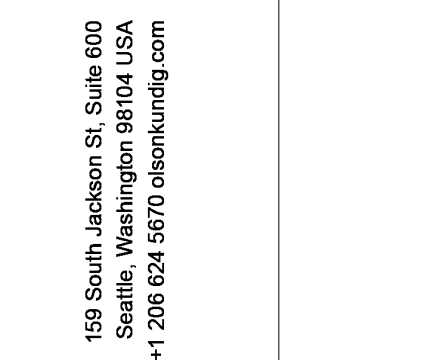
Notes:

See Demand Factor Table

BRANCH PANEL: OLPH-P2A1													
Location: ELEC EMERGENCY...					Fed From: Q-ATS-P2A					Neutral Bus: YES			
Main Bus: 225 A					Wires: 4					Ground Bus: YES			
MCB: 225A					Enclosure: NEMA 1					Isolated Ground Bus: NO			
Voltage: 480/277 Wye					Bus Type: COPPER					200% Neutral: NO			
AIC Rating: 14 kA					Mounting: WALL MOUNTED					Feed Through Lugs: NO			
CKT	Circuit Description	Load Classification	Trip	Poles	A	B	C	Poles	Trip	Load Classification	Circuit Description	CKT	
1	OLPH-P1B1	MISC...	200 A	3	9900... 3400...	1040... 3900...			3	200 A	MISC...	OLPH-6A1	2
3	--	--	--	--	--	--	--	--	--	--	--	--	4
5	--	--	--	--	--	--	--	9300... 3100...	--	--	--	--	6
7	--	--	--	--	--	--	--	--	--	--	--	--	8
9	--	--	--	--	--	--	--	--	--	--	--	--	10
11	--	--	--	--	--	--	--	--	--	--	--	--	12
13	--	--	--	--	--	--	--	--	--	--	--	--	14
15	--	--	--	--	--	--	--	--	--	--	--	--	16
17	--	--	--	--	--	--	--	--	--	--	--	--	18
19	--	--	--	--	--	--	--	--	--	--	--	--	20
21	--	--	--	--	--	--	--	--	--	--	--	--	22
23	--	--	--	--	--	--	--	--	--	--	--	--	24
25	--	--	--	--	--	--	--	--	--	--	--	--	26
27	--	--	--	--	--	--	--	--	--	--	--	--	28
29	--	--	--	--	--	--	--	--	--	--	--	--	30
31	--	--	--	--	--	--	--	--	--	--	--	--	32
33	--	--	--	--	--	--	--	--	--	--	--	--	34
35	--	--	--	--	--	--	--	--	--	--	--	--	36
37	T-P2A1-O	MISC...	110 A	3	3900...								38
39	--	--	--	--	--	4200... 0 VA	3600... 0 VA	2	30 A	MISC	SPD		40
41	--	--	--	--	--	--	--	--	--	--	--	--	42
Total Load:					17200 VA	18500 VA	16000 VA						
Total Amps:					63 A	67 A	58 A						
OLPH-P2A1 LOAD SUMMARY													
Load Classification		Connected Load	*Demand Factor		Estimated Demand		Panel Totals						
RCPTS		50700 VA			30350 VA		Total Conn. Load: 51700 VA						
MISC		1000 VA			1000 VA		Total Est. Demand: 31350 VA						
							Total Conn.: 62 A						
							Total Est. Demand: 38 A						
Notes:													
*See Demand Factor Table													

BRANCH PANEL: ELP-P2B1													
Location: TOWER B LEVEL P2 ELEC EMR...					Fed From: T-P2B1-E				Neutral Bus: YES				
Main Bus: 225 A					Wires: 4W + G				Ground Bus: YES				
MCB: 225A					Enclosure: NEMA 1				Isolated Ground Bus: NO				
Voltage: 120/208 Wye					Bus Type: COPPER				200% Neutral: NO				
AIC Rating: 10 kA					Mounting: WALL MOUNTED				Feed Through Lugs: NO				
CKT	Circuit Description	Load Classification	Trip	Poles	A	B	C	Poles	Trip	Load Classification	Circuit Description	CKT	
1	FA CLOSET P261 RCPTS	RCPTS	20 A	1	180 VA 380 VA				1	20 A	MISC	FIRE SMOKE DAMPER	2
3	FA CLOSET P261 RCPTS	MISC	20 A	1		230 VA 180 VA			1	20 A	MISC	FIRE SMOKE DAMPER	4
5	FA CLOSET P261 RCPTS	RCPTS	20 A	1			180 VA 740 VA		1	20 A	MISC	FIRE SMOKE DAMPERS	6
7	FA CLOSET P261 RCPTS	RCPTS	20 A	1	180 VA 230 VA				1	20 A	MISC	FIRE SMOKE DAMPERS	8
9	MISC	MISC	20 A	1		250 VA 540 VA			1	20 A	MISC	FIRE SMOKE DAMPERS	10
11	MISC	MISC	20 A	1			250 VA 360 VA		1	20 A	MISC	FIRE SMOKE DAMPERS	12
13	MISC	MISC	20 A	1	250 VA 100 VA				1	20 A	MTR	FIRE SMOKE DAMPERS	14
15	MISC	MISC	20 A	1		250 VA 2400...			2	30 A	MTR	EF-B-P2-4 MECH GEN P268	16
17							2400...						18
19	FOU-B-P2-1	MTR	15 A	2	460 VA								20
21	--	--	--	--		0 VA							22
23													24
25						0 VA							26
27									2	30 A	MISC	SPD	28
29							0 VA						30
31					3430...				3	100 A	MISC...	ELP-P1B1	32
33						4495...			--	--	--	--	34
35	CU-B-P2-2	MTR	40 A	2			2643... 4145...		--	--	--	--	36
37					2643... 6443...				3	100 A	MISC...	ELP-BB1	38
39	CU-B-P2-1	MTR	15 A	2		1040... 1780...			--	--	--	--	40
41	--	--	--	--		1040... 2560...			--	--	--	--	42
43													44
45													46
47													48
49	CU-A-P2-2	MTR	20 A	2	1040...								50
51	--	--	--	--		1040...							52
53	CU-A-P2-1	MTR	30 A	2			2400...						54
55	--	--	--	--		2400...							56
57	CU-A-P2-3	MTR	20 A	2			1040...						58
59	--	--	--	--			1040...						60
Total Load:					17738 VA	13245 VA	17758 VA						
Total Amps:					154 A	110 A	154 A						
ELP-P2B1 LOAD SUMMARY													
Load Classification		Connected Load	*Demand Factor		Estimated Demand		Panel Totals						
RCPTS		2080 VA			2080 VA		Total Conn. Load: 48738 VA						
MTR		36019 VA			37339 VA		Total Est. Demand: 50059 VA						
MISC		10640 VA			10640 VA		Total Conn.: 135 A						
								Total Est. Demand: 139 A					
Notes:													
*See Demand Factor Table													

BRANCH PANEL: LP-P2A1						Fed From: T-P2A1-L		Wires: 4W + G		Neutral Bus: YES		
Location: TWR A LVL P2 ELEC A SWBD...						Enclosure: NEMA 1		Ground Bus: YES		Isolated Ground Bus: NO		
Main Bus: 250 A						Bus Type: COPPER		200% Neutral: NO		Feed Through Lugs: NO		
MCB: 250A						Mounting: WALL MOUNTED						
Voltage: 120/208 Wye												
AIC Rating: 10 kA												
CKT	Circuit Description	Load Classification	Trip	Poles	A	B	C	Poles	Trip	Load Classification	Circuit Description	CKT
1	MECH REST. AHU P213 RCPT	RCPTS	20 A	1	180 VA 180 VA			1	20 A	RCPTS	TOWER A TELE. RM. GH RCPT	2
3	TOWER A PARKING MISC.	RCPTS	20 A	1		1260... 180 VA		1	20 A	RCPTS	ELEC. RM. P264 GH RCPT	4
5	TOWER A PARKING MISC.	RCPTS	20 A	1			720 VA					6
7	TOWER A PARKING MISC.	RCPTS	20 A	1	180 VA 3000...			3	20 A	MTRS	GARAGE DOORS	8
9			--	--		0 VA		--	--	--	--	10
11			--	--			0 VA	--	--	--	--	12
13	HEAT TRACE	MTRS	20 A	1	1800... 0 VA			1	20 A	--	SPARE	14
15	HEAT TRACE	MTRS	20 A	1		1200... 0 VA		1	20 A	--	SPARE	16
17	HEAT TRACE	MTRS	20 A	1		1200... 0 VA		1	20 A	--	SPARE	18
19			--	--	0 VA			1	20 A	--	SPARE	20
21			--	--		0 VA		1	20 A	--	SPARE	22
23			--	--	0 VA			1	20 A	--	SPARE	24
25			--	--				1	20 A	--	SPARE	26
27			--	--		0 VA		1	20 A	--	SPARE	28
29			--	--				1	20 A	--	SPARE	30
31			--	--	0 VA			1	20 A	--	SPARE	32
33			--	--		0 VA		1	20 A	--	SPARE	34
35			--	--				1	20 A	--	SPARE	36
37	PANEL LP-1A1	Power...	200 A	3	6046... 0 VA			1	20 A	--	SPARE	38
39	--	--	--	--		7708... 0 VA		1	20 A	--	SPARE	40
41	--	--	--	--			9212... 0 VA	1	20 A	--	SPARE	42
			Total Load:		11386 VA	10348 VA	11132 VA					
			Total Amps:		96 A	86 A	94 A					
LP-P2A1 LOAD SUMMARY												
Load Classification		Connected Load	Demand Factor		Estimated Demand		Panel Totals					
RCPTS		22920 VA			16460 VA							
MTRS		6732 VA			9452 VA		Total Conn. Load: 32866 VA					
HEAT		1164 VA			1164 VA		Total Est. Demand: 27156 VA					
Power		50 VA			50 VA		Total Conn. Demand: 91 A					
							Total Est. Demand: 75 A					
Notes:												
*See Demand Factor Table												


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revisions:

no.	date	by
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11/11/2016

CONSTRUCTION
11/18/2022

ELECTRICAL
SCHEDULES

E6.07AB

BRANCH PANEL: LP-1A2

Location: TOWER A LEVEL 1 KITCHEN

Main Bus: 400A

MCB: 400A

Voltage: 120/208 Vlye

AIC Rating: 10 kA

Fed From: T-P2A2-L

Wires: 4W + G

Enclosure: NEMA 1

Bus Type: COPPER

Mounting: WALL MOUNTED

Neutral Bus: YES

Ground Bus: YES

200% Neutral: NO

Feeding Through Lug: NO

CKT	Circuit Description	Load Classification	Trip	Poles	A	B	C	Poles	Trip	Load Classification	Circuit Description	CKT	
1	POWER TOILET A108 RCPTS	RCPTS	20 A	1	720 VA							2	
3	RCPTS CORRIDOR TO	RCPTS	20 A	1		540 VA						4	
5	RCPTS PRIVATE DINNING	RCPTS	20 A	1			360 VA					6	
7	RCPTS PRIVATE DINNING	RCPTS	20 A	1	360 VA							8	
9												10	
11												12	
13												14	
15												16	
17												18	
19												20	
21												22	
23												24	
25												26	
27												28	
29												30	
31												32	
33												34	
35												36	
37												38	
39												40	
41												42	
43												44	
45												46	
47												48	
49												50	
51												52	
53												54	
55												56	
57												58	
59												60	
61												62	
63												64	
65												66	
67												68	
69												70	
71												72	
73												74	
75												76	
77												78	
79												80	
81												82	
83												84	
Total Load:					1080 VA	540 VA	360 VA						
Total Amps:					9 A	5 A	3 A						

LP-1A2 LOAD SUMMARY

Load Classification	Connected Load	*Demand Factor	Estimated Demand	Panel Totals
RCPTS	1980 VA		1980 VA	Total Conn. Load: 1980 VA
				Total Est. Demand: 1980 VA
				Total Conn.: 5 A
				Total Est. Demand: 5 A

Notes:

*See Demand Factor Table

BRANCH PANEL: OLP-11A1				Fed From: T-P2A1-O				Wires: 4W1 + 0				Neutral Bus: YES			
Location: ELEC A110				Enclosure: NEMA 1				Ground Bus: YES				Isolated Ground Bus: YES			
Main Bus: 250 A				Bus Type: COPPER				Mounting: WALL MOUNTED				200% Neutral: NO			
MCB: 250A												Feed Through Lugs: NO			
Voltage: 120/208 Vwye															
AIC Rating: 10 KA															

[illegible]

BRANCH PANEL: LP-P1B1-L

Location: TOWER B LVL P1 TELECOM B111

Main Bus: 250 A

MCB: 250A

Voltage: 120/208 Vye

AIC Rating: 10 kA

Fed From: T-P1B1-L

Wires: 49F + G

Enclosure: NEMA 1

Bus Type: COPPER

Mounting: WALL MOUNTED

Neutral Bus: YES

on

Ground Bus: YES

Isolated Ground Bus: NO

200% Neutral: NO

Feed Through Lugs: NO

CKT	Circuit Description	Load Classification	Tripp	Poles	A	B	C	Poles	Tripp	Load Classification	Circuit Description	CKT
1	ELEV P3 CAR LIGHT	MISC	15 A	1	500 VA/180 VA			1	20 A	RCPTS	TOWER A TELECOM RM GFI	2
3	ELEV P3 INTERCOM	MISC	15 A	1		500 VA 600 VA		1	20 A	MISC	ELEV P3 SEISMIC SENSOR	4
5								3	20 A	MTRIS	GARAGE DOOR	6
7	ELEV P3 CTRL ROOM GFI	RCPTS	20 A	1	500 VA/1000			---	---	---		8
9							1000	---	---	---		10
11								---	---	---		12
13	HEAT	HEAT	20 A	1	1200							14
15	HEAT	HEAT	20 A	1		1200						16
17	HEAT	HEAT	20 A	1			1200					18
19												20
21												22
23												24
25												26
27												28
29												30
31												32
33	RCPTS PARKING P1	RCPTS	20 A	1		180 VA						34
35	RCPTS PARKING P1	RCPTS	20 A	1			360 VA					36
37	RCPTS MECH P105	RCPTS	20 A	1	360 VA/472			3	100 A	RCPTS...	LP-1B1	38
39	RCPTS PARKING P1	RCPTS	20 A	1		900 VA/4658		---	---	---		40
41	RCPTS PARKING P1	RCPTS	20 A	1			720 VA/5498	---	---	---		42
					Total Load:	8512 VA	9038 VA	720 VA	8766 VA			
					Total Amps:	71 A	76 A	73 A				

LP-P1B1 LOAD SUMMARY

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
RCPTS	16340 VA		13170 VA	
MTRIS	3552 VA		4262 VA	Total Conn. Load: 25316 VA
HEAT	4464 VA		4464 VA	Total Est. Demand: 23896 VA
MISC	1600 VA		1600 VA	Total Conn.: 73 A
RCPT	360 VA		360 VA	Total Est. Demand: 66 A

Notes:

-See Demand Factor Table

BRANCH PANEL: ELP-P1B1										Fed From: ELP-P2B1				Neutral Bus: YES			
Location: TOWER B LVL P1 ELEC P107										Wires: 4W + G				Ground Bus: YES			
Main Bus: 225 A										Enclosure: NEMA 1				Isolated Ground Bus: NO			
MCB: 225A										Bus Type: COPPER				200% Neutral: NO			
Voltage: 120/208 Wye										Mounting: WALL MOUNTED				Feed Through Lugs: NO			
AIC Rating: 10 kA																	
OKT	Circuit Description	Load Classification on	Trip	Poles	A	B	C	Poles	Trip	Load Classification on	Circuit Description	OKT					
1	FIRE SMOKE DAMPERS	MISC	20 A	1	180 VA 360 VA				1	20 A	MISC	FSD B-1.4	2				
3	FIRE SMOKE DAMPERS	MISC	20 A	1		540 VA 540 VA				1	20 A	FSD B-1.1/2/3	4				
5	FIRE SMOKE DAMPERS	MISC	20 A	1			180 VA 200 VA			1	20 A	ELEVATOR SMOKE CURTAINS	6				
7	FIRE SMOKE DAMPERS	MISC	20 A	1	360 VA 200 VA					1	20 A	ELEVATOR SMOKE CURTAINS	8				
9	ELEVATOR SMOKE CURTAINS	MISC	20 A	1		200 VA 200 VA				1	20 A	ELEVATOR SMOKE CURTAINS	10				
11	MISC	MISC	20 A	1			250 VA 500 VA			1	20 A	MISC	12				
13	MISC	MISC	20 A	1	250 VA 1040..		1040..		2	20 A	MTRS	CU-B-R-1	14				
15									--	--			16				
17													18				
19													20				
21													22				
23													24				
25													26				
27													28				
29													30				
31													32				
33													34				
35	CU-B-P1-2	MTRS	20 A	2			1040..						36				
37			--	--	1040..								38				
39	CU-B-P1-1	MTRS	30 A	2		1975..	0 VA		2	30 A	MISC	SPD	40				
41	--	--	--	--	--	--	--	--	--	--	--	--	42				
Total Load:					3430 VA	4495 VA	4145 VA										
Total Amps:					29 A	38 A	35 A										
ELP-P1B1 LOAD SUMMARY																	
Load Classification		Connected Load		*Demand Factor		Estimated Demand		Panel Totals									
MTRS		8110 VA				9698 VA		Total Conn. Load: 12070 VA									
MISC		3960 VA				3960 VA		Total Est. Demand: 13058 VA									
								Total Conn.: 34 A									
								Total Est. Demand: 36 A									
Notes:																	
*See Demand Factor Table																	

BRANCH PANEL: SMPH-P1B1													
Location: TOWER B LEVEL P1 ELEC P106				Fed From: S-DPH-P2A				Wires: 4W + G				Neutral Bus: YES	
Main Bus: 400 A				Enclosure: NEMA 1				Ground Bus: YES				Isolated Ground Bus: NO	
MCB: 400				Bus Type: COPPER				200% Neutral: NO				Feed Through Lugs: NO	
Voltage: 480/277 Wye				Mounting: WALL MOUNTED									
AIC Rating: 14 kA													
CKT	Circuit Description	Load Classification on	Trip	Poles	A	B	C	Poles	Trip	Load Classification on	Circuit Description	CKT	
1	SPF B-P1-1	MTRS	20 A	3	497 VA 497 VA	497 VA 497 VA			3	15 A	MTRS	SPF B-P1-3	2
3	--	--	--	--	--	--			--	--	--	--	4
5	--	--	--	--	--	--			--	--	--	--	6
7	SPF B-P1-2	MTRS	20 A	3	497 VA 1330..	497 VA 1330..	497 VA 497 VA		3	20 A	MTRS	GEF B-P1-2	8
9	--	--	--	--	--	--	497 VA 1330..		--	--	--	--	10
11	--	--	--	--	--	--	497 VA 1330..		--	--	--	--	12
13	SMPH-7B1	MISC	100 A	3	0 VA 2107..				3	20 A	MTRS	GEF B-P1-1	14
15	--	--	--	--	--	0 VA 2107..		0 VA 2107..	--	--	--	--	16
17	--	--	--	--	--	--		--	--	--	--	--	18
19	GEF B-P1-5	MTRS	20 A	3	1330.. 1330..				3	20 A	MTRS	GEF B-P1-4	20
21	--	--	--	--	--	1330.. 1330..			--	--	--	--	22
23	--	--	--	--	--	1330.. 1330..	1330.. 1330..		--	--	--	--	24
25	RNP-B-P2-1 MECH GEN P266	MTRS	15 A	3	1333.. 497 VA	1333.. 497 VA			3	15 A	MTRS	SPF B-P1-4	26
27	--	--	--	--	--	--			--	--	--	--	28
29	--	--	--	--	--	--	1333.. 497 VA		--	--	--	--	30
31	RR-B-P1-1	MTRS	30 A	3	5820.. 1330..	5820.. 1330..			3	20 A	MTRS	GEF B-P1-3	32
33	--	--	--	--	--	--			--	--	--	--	34
35	--	--	--	--	--	--	5820.. 1330..		--	--	--	--	36
37	GTF-B-P2-05	MTRS	20 A	3	2917.. 2333..	2917.. 2333..			3	20 A	MTRS	GTF-B-P1-03.06.07.08	38
39	--	--	--	--	--	--			--	--	--	--	40
41	--	--	--	--	--	--	2917.. 2333..		2	60 A	MISC	SPD	42
43	--	--	--	--	--	--	2333..		3	20 A	MTRS	GTF-B-P1-01.02.04.05	44
45	--	--	--	--	--	--	--		--	--	--	--	46
47	--	--	--	--	--	--	--		--	--	--	--	48
49	--	--	--	--	--	--	--		--	--	--	--	50
51	--	--	--	--	--	--	--		--	--	--	--	52
53	--	--	--	--	--	--	--		--	--	--	--	54
55	--	--	--	--	--	0 VA		0 VA	--	--	--	--	56
57	--	--	--	--	--	24153 VA	24153 VA	24153 VA	--	--	--	--	58
59	--	--	--	--	--	87 A	87 A	87 A	--	--	--	--	60
SMPH-P1B1 LOAD SUMMARY													
Load Classification		Connected Load		*Demand Factor		Estimated Demand		Panel Totals					
MTRS		7248 VA				7683 VA		Total Conn. Load: 7248 VA					
MISC		0 VA				0 VA		Total Est. Demand: 7683 VA					
								Total Conn.: 87 A					
								Total Est. Demand: 92 A					
Notes:													
*See Demand Factor Table													

BRANCH PANEL: OLPH-P1B1													
Location: ELECTRICAL P107					Fed From: OLPH-P2A1				Wires: 4W + G				
Main Bus: 225 A					Enclosure: NEMA 1				Neutral Bus: YES				
MCB: 225A					Bus Type: COPPER				Isolated Ground Bus: NO				
Voltage: 480/277 Wye					Mounting: WALL MOUNTED				200% Neutral: NO				
AIC Rating: 14 kA									Feed Through Lugs: NO				
OKT	Circuit Description	Load Classification	Trip	Poles	A	B	C	Poles	Trip	Load Classification	Circuit Description	OKT	
1	OLPH-7B1	MISC..	20 A	3	6000..							2	
3	--	--	--	--	--	6200..						4	
5	--	--	--	--	--		5700..					6	
7	--	--	--	--	--							8	
9	--	--	--	--	--							10	
11	--	--	--	--	--							12	
13	--	--	--	--	--							14	
15	--	--	--	--	--							16	
17	--	--	--	--	--							18	
19	--	--	--	--	--							20	
21	--	--	--	--	--							22	
23	--	--	--	--	--							24	
25	--	--	--	--	--							26	
27	--	--	--	--	--							28	
29	--	--	--	--	--							30	
31	--	--	--	--	--							32	
33	--	--	--	--	--		0 VA					34	
35	--	--	--	--	--		0 VA					36	
37	--	--	--	--	3900..			2	30 A	MISC..	SPD	38	
39	--	--	--	--		4200..		3	110 A	MISC..	T-1PB1-G	40	
41	--	--	--	--			3600..	--	--	--	--	42	
43	--	--	--	--				--	--	--	--	44	
Total Load:					9900 VA	10400 VA	9300 VA						
Total Amps:					36 A	38 A	34 A						
OLPH-P1B1 LOAD SUMMARY													
Load Classification		Connected Load	*Demand Factor	Estimated Demand		Panel Totals							
RCPTs		28600 VA		19300 VA		Total Conn. Load: 29600 VA							
MISC		1000 VA		1000 VA		Total Est. Demand: 20300 VA							
						Total Conn.: 36 A							
						Total Est. Demand: 24 A							
Notes:													
*See Demand Factor Table													

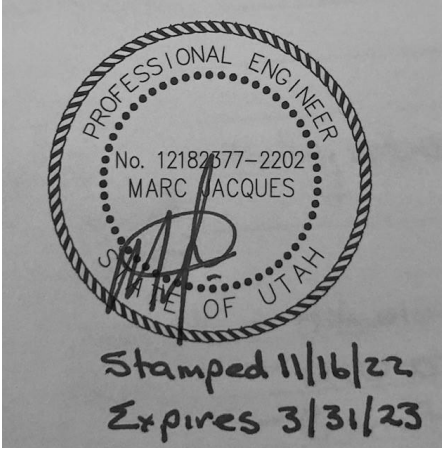
BRANCH PANEL: MPH-6A1												
Location: TOWER A LEVEL 6 ELEC A602					Fed From: MPH-1A1			Neutral Bus: YES				
Main Bus: 400 A					Wires: 4W + G			Ground Bus: YES				
MCB: 400A					Enclosure: NEMA 1			Isolated Ground Bus: NO				
Voltage: 480/277 Wye					Bus Type: COPPER			200% Neutral: NO				
AIC Rating: 14 kA					Mounting: WALL MOUNTED			Feed Through Lugs: NO				
CKT	Circuit Description	Load Classification	Trip	Poles	A	B	C	Poles	Trip	Load Classification	Circuit Description	CKT
1	ASHP A-R-2	MTRS	200 A	3	3963... 303 VA			3	15 A	MTRS	AX A-R-1	2
3	--	--	--	--	--	3963... 303 VA		--	--	--	--	4
5	--	--	--	--	--	3963... 303 VA		--	--	--	--	6
7	ASHP A-R-1	MTRS	150 A	3	2716... 83 VA			3	15 A	MTRS	DX A-R-1	8
9	--	--	--	--	--	2716... 83 VA		--	--	--	--	10
11	--	--	--	--	--	2716... 83 VA		--	--	--	--	12
13	TX A-R-1	MTRS	15 A	3	83 VA 443 VA			3	15 A	MTRS	TX A-R-2	14
15	--	--	--	--	--	83 VA 443 VA		--	--	--	--	16
17	--	--	--	--	--	83 VA 443 VA		--	--	--	--	18
19	--	--	--	--	303 VA			3	15 A	MTRS	KX A-R-2	20
21	--	--	--	--	303 VA			--	--	--	--	22
23	--	--	--	--	303 VA			3	15 A	MTRS	DX A-R-2	24
25	--	--	--	--	83 VA			--	--	--	--	26
27	--	--	--	--	83 VA			--	--	--	--	28
29	--	--	--	--				83 VA	--	--	--	30
31	--	--	--	--				83 VA	--	--	--	32
33	--	--	--	--					--	--	--	34
35	--	--	--	--					--	--	--	36
37	--	--	--	--					--	--	--	38
39	--	--	--	--					--	--	--	40
41	--	--	--	--					--	--	--	42
Total Load:					68089 VA	68089 VA	68089 VA					
Total Amps:					246 A	246 A	246 A					
MPH-6A1 LOAD SUMMARY												
Load Classification	Connected Load				*Demand Factor		Estimated Demand		Panel Totals			
MTRS	204267 VA						233990 VA					
									Total Conn. Load: 204267 VA			
									Total Est. Demand: 233990 VA			
									Total Conn.: 246 A			
									Total Est. Demand: 281 A			
Notes:												
*See Demand Factor Table												

BRANCH PANEL: OLPH-7B1													
Location: ELEC B706					Fed From: OLPH-P1B1					Neutral Bus: YES			
Main Bus: 225 A					Enclosure: NEMA 1					Ground Bus: YES			
MCB: 225A					Bus Type: COPPER					Isolated Ground Bus: NO			
Voltage: 480/277 Wye					Mounting: WALL MOUNTED					200% Neutral: NO			
AIC Rating: 10 kA										Feed Through Lugs: NO			
CKT	Circuit Description	Load Classification	Trip	Poles	A	B	C	Poles	Trip	Load Classification	Circuit Description	CKT	
1												2	
3												4	
5												6	
7												8	
9												10	
11												12	
13												14	
15												16	
17												18	
19												20	
21												22	
23												24	
25												26	
27												28	
29												30	
31												32	
33												34	
35												36	
37	T-7B1-Q	MISC...	110 A	3	6000...	5950...	250 VA					38	
39	--	--	--	--	--	5950...	250 VA	5450...	250 VA	2	30 A	39	
41	--	--	--	--	--	5950...	250 VA	5450...	250 VA	--	--	40	
Total Load:					6000 VA	6200 VA	5700 VA						41
Total Amps:					22 A	23 A	21 A						42
OLPH-7B1 LOAD SUMMARY													
Load Classification		Connected Load		*Demand Factor		Estimated Demand		Panel Totals					
RCPTS		16900 VA				13450 VA							
MISC		1000 VA				1000 VA		Total Conn. Load: 17900 VA					
								Total Est. Demand: 14450 VA					
								Total Conn.: 22 A					
								Total Est. Demand: 17 A					
Notes:													
*See Demand Factor Table													

BRANCH PANEL: OLP-7B1																		
Location: ELEC B706					Fed From: T-7B1-Q					Wires: 4W + G								
Main Bus: 250 A					Enclosure: NEMA 1					Ground Bus: YES								
MCB: 250A					Bus Type: COPPER					Isolated Ground Bus: NO								
Voltage: 120/208 Wye					Mounting: WALL MOUNTED					200% Neutral: NO								
AIC Rating: 10 kA										Feed Through Lugs: NO								
CKT	Circuit Description	Load Classification	Trip	Poles	A			B			C			Poles	Trip	Load Classification	Circuit Description	CKT
					10 A	1	800 VA 800 VA	800 VA 800 VA		800 VA 800 VA	800 VA 800 VA	1	20 A					
3	LEVEL 4 UNIT-WINE FRIDGE	RCPTS	20 A	1				800 VA 800 VA					1	20 A	RCPTS	LEVEL 6 UNIT-WINE FRIDGE	4	
5	LEVEL 4 UNIT-WINE FRIDGE	RCPTS	20 A	1					800 VA 800 VA				1	20 A	RCPTS	LEVEL 6 UNIT-WINE FRIDGE	6	
7	LEVEL 4 UNIT-WINE FRIDGE	RCPTS	20 A	1			800 VA 800 VA						1	20 A	RCPTS	LEVEL 6 UNIT-WINE FRIDGE	8	
9	LEVEL 4 UNIT-MISC RCPT	RCPTS	20 A	1				500 VA 500 VA					1	20 A	RCPTS	LEVEL 6 UNIT-MISC RCPT	10	
11	LEVEL 4 UNIT-MISC RCPT	RCPTS	20 A	1					500 VA 500 VA				1	20 A	RCPTS	LEVEL 6 UNIT-MISC RCPT	12	
13	LEVEL 4 UNIT-MISC RCPT	RCPTS	20 A	1			500 VA 500 VA						1	20 A	RCPTS	LEVEL 6 UNIT-MISC RCPT	14	
15	LEVEL 4 UNIT-MISC RCPT	RCPTS	20 A	1				500 VA 500 VA					1	20 A	RCPTS	LEVEL 6 UNIT-MISC RCPT	16	
17	LEVEL 4 UNIT-MISC RCPT	RCPTS	20 A	1					800 VA				1	20 A	RCPTS	LEVEL 7 UNIT-WINE FRIDGE	18	
19							500 VA					1	20 A	RCPTS	LEVEL 7 UNIT-MISC RCPT	20		
21																	22	
23																	24	
25																	26	
27	LEVEL 5 UNIT-WINE FRIDGE	RCPTS	20 A	1				800 VA									28	
29	LEVEL 5 UNIT-WINE FRIDGE	RCPTS	20 A	1					800 VA								30	
31	LEVEL 5 UNIT-WINE FRIDGE	RCPTS	20 A	1			800 VA										32	
33	LEVEL 5 UNIT-WINE FRIDGE	RCPTS	20 A	1				800 VA									34	
35	LEVEL 5 UNIT-MISC RCPT	RCPTS	20 A	1					500 VA								36	
37	LEVEL 5 UNIT-MISC RCPT	RCPTS	20 A	1			500 VA										38	
39	LEVEL 5 UNIT-MISC RCPT	RCPTS	20 A	1				500 VA 250 VA				2	30 A	MISC		SPD	40	
41	LEVEL 5 UNIT-MISC RCPT	RCPTS	20 A	1					500 VA 250 VA			--	--	--	--	--	42	
Total Load:						6000 VA	5950 VA		5450 VA									
Total Amps:						51 A		50 A		45 A								
OLP-7B1 LOAD SUMMARY																		
Load Classification		Connected Load		*Demand Factor		Estimated Demand		Panel Totals										
RCPTS		16900 VA				13450 VA		Total Conn. Load: 17400 VA										
MISC		500 VA				500 VA		Total Est. Demand: 13950 VA										
								Total Conn.: 48 A										
								Total Est. Demand: 39 A										
Notes:																		
*See Demand Factor Table																		

RESIDENTIAL SWITCHBOARD 'MS-P2A2' SUMMARY									
PROJECT:		Sommet Blanc		AIC RATING:					
JOB NUMBER		B2115392.000							
Unit	Quantity	General Lighting VA	Fixed Appliance VA	Electric Range VA	Electric Dryer VA	HVAC VA	Total VA	Total Amp at 208V, 3P	
A	9	125,550	291,105	72,000	45,000	177,750	711,405		
B	8	109,320	239,560	64,000	40,000	158,000	610,880		
C	4	62,784	116,960	32,000	20,000	82,400	286,144		
D	3	40,914	102,135	24,000	15,000	59,250	241,299		
E	4	62,808	128,160	32,000	20,000	86,400	329,388		
F	3	46,818	91,935	24,000	15,000	64,650	242,403		
G	1	14,952	32,045	8,000	5,000	20,700	80,697		
H	1	19,326	46,945	8,000	10,000	22,450	106,321		
I	1	23,478	58,545	8,000	10,000	23,350	123,373		
J	1	21,006	57,345	8,000	10,000	21,700	118,051		
K	1	20,481	49,845	8,000	5,000	23,350	102,676		
L	2	20,748	25,680	16,000	20,000	8,500	90,358		
P	2	13,880	22,690	16,000	10,000	6,500	69,050		
Total:	40	876,045	1,258,600	320,000	225,000	755,000	3,134,645		
NEC 220.84 -> Optional Calculations						28%	877,701	2,438	
Applicable when all of the following conditions are met:									
YES	1	No dwelling unit is supplied by more than one feeder							
YES	2	Each dwelling unit is equipped with Electric Cooking							
YES	3	Each dwelling unit is equipped with either Electric Space Heating or Air-conditioning or both.							
						AMP@480V			

RESIDENTIAL SWITCHBOARD 'MS-P1C2' SUMMARY									
PROJECT:		Sommet Blanc							
JOB NUMBER		B2115392.000							
Unit	Quantity	General Lighting VA	Fixed Appliance VA	Electric Range VA	Electric Dryer VA	HVAC VA	Total VA	Total Amp at 208V, 3P	
L	1	17,913	43,645	8,000	5,000	20,400	94,958	264	
M	6	112,734	222,670	48,000	30,000	127,800	541,434	1,504	
N	5	93,675	176,725	40,000	25,000	106,500	441,900	1,228	
O	1	22,660	44,145	8,000	10,000	21,300	106,335	285	
R	4	23,100	42,680	32,000	20,000	6,800	129,480	346	
Total:	17	279,312	529,965	136,000	90,000	282,800	1,309,077		
NEC 220.84 -> Optional Calculations						39%	510,540	1,418	
Applicable when all of the following conditions are met:									
YES	1	No dwelling unit is supplied by more than one feeder							
YES	2	Each dwelling unit is equipped with Electric Cooking							
YES	3	Each dwelling unit is equipped with either Electric Space Heating or Air-conditioning or both.							



Reserved for permit stamp

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Pool Consultant
Stoward H2O
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Provo, UT 84604

Landscape Architect
EPG Design
6048 South High Tech Drive, Suite

BRANCH PANEL: MP-IC1

Location: TOWER C LVL 1 MEP C106

Fed From: T-1C1-M
Wire: 4H + G

Neutral Bus: YES

Main Bus: 225 A

Enclosure: NEMA 1

Ground Bus: YES

MCB: 225A

Bus Type: COPPER

Unlabeled Ground Bus: NO

Voltage: 120/208 Vye

Mounting: WALL MOUNTED

200% Neutral: NO

AIC Rating: 10 KA

Feed Through Lug: NO

OKT	Circuit Description	Load Classification	Trip Poles	A	B	C	Poles	Trip	Load Classification	Circuit Description	OKT
1	C-1-3	HEAT	20 A	1	1560	1650					2
2	C-1-2	HEAT	20 A	1			1560	424 VA	2	20 A HEAT BEF C-1	4
3	B-C-1-1	HEAT	20 A	1					1	30 A MTRS FCU-C-1-1	6
7	BEF C-2	HEAT	20 A	1	1650	864 VA					8
9									1	30 A MTRS GPS C-1-1	10
11											12
13											14
17											16
17											18
19											20
21											22
23											24
27											28
29											30
31											32
33											34
35											36
39											38
41											40
											42
Total Load:				5730 VA	1984 VA	1984 VA					
Total Amps:				48 A	17 A	17 A					
MP-IC1 LOAD SUMMARY											
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals			
MTRS		1712 VA				1564 VA		Total Conn. Load: 8704 VA			
HEAT		7992 VA				7992 VA		Total Est. Demand: 9916 VA			
								Total Conn.: 27 A			
								Total Est. Demand: 28 A			

BRANCH PANEL: OLP-1C1

Location: MEP 109

Main Bus: 250 A

MCB: 200A

Voltage: 120/208 Wye

A/C Rating: 15 A

Fed From: T-PIC1-G

Wires: 4W + G

Enclosure: NEMA 1

Bus Type: COPPER

Mounting: SURFACE MOUNTED

Neutral Bus: YES

Ground Bus: YES

Isolated Ground Bus: NO

200% Neutral: NO

Feed Through Lugs: NO

CKT	Circuit Description	Load Classification on	Tripp	Poles	A	B	C	Poles	Tripp	Load Classification on	Circuit Description	CKT
1	OLP-1C1	MISC.	20 A	3	4200							2
2	--	--	--	--	--	4200						3
3	--	--	--	--	--		3000					4
7	LEVEL 1 UNIT - MISC RCPT	RCPTS	20 A	1	500 VA							8
8	LEVEL 1 UNIT - MISC RCPT	RCPTS	20 A	1		500 VA						9
11	LEVEL 1 UNIT - MISC RCPT	RCPTS	20 A	1			500 VA					12
13	LEVEL 1 UNIT - MISC RCPT	RCPTS	20 A	1	500 VA							14
15												16
16												17
17												18
19												20
22	LEVEL 2 UNIT - WINE FRIDGE	RCPTS	20 A	1		800 VA						23
23	LEVEL 2 UNIT - WINE FRIDGE	RCPTS	20 A	1			800 VA					24
25	LEVEL 2 UNIT - MISC RCPT	RCPTS	20 A	1	500 VA							26
26	LEVEL 2 UNIT - MISC RCPT	RCPTS	20 A	1		500 VA						27
29												30
31												32
33												34
35	LEVEL 3 UNIT - WINE FRIDGE	RCPTS	20 A	1			800 VA					36
37	LEVEL 3 UNIT - WINE FRIDGE	RCPTS	20 A	1	800 VA							38
39	LEVEL 3 UNIT - MISC RCPT	RCPTS	20 A	1		500 VA	0 VA	2	30 A	MISC	SPD	40
41	LEVEL 3 UNIT - MISC RCPT	RCPTS	20 A	1		500 VA	0 VA	--	--	--	--	42
Total Load:					6500 VA		6500 VA	6500 VA				
Total Amps:					64 A		64 A	64 A				

OLP-1C1 LOAD SUMMARY

Load Classification

Connected Load

*Demand Factor

Estimated Demand

Panel Totals

MISC

19500 VA

0 VA

14750 VA

0 VA

Total Conn. Load: 19500 VA

Total Est. Demand: 14750 VA

Total Conn. 34 A

Total Est. Demand: 41 A

Notes:

See Demand Factor Table

BRANCH PANEL: MPH-B1

Location: TOWER LVL-1 ELEC

Main Bus: 400 A

MCB: 400A

Voltage: 480/277 Wye

AIC Rating: 22 KA

Fed From: MPH-1C1

Wires: 400 + G

Enclosure: NEMA 1

Bus Type: COPPER

Mounting: WALL MOUNTED

Neutral Bus: YES

Ground Bus: YES

Isolated Ground Bus: NO

200% Neutral: NO

Feed Through Logic: NO

CKT	Circuit Description	Load Classification on	Tripp	Poles	A	B	C	Poles	Tripp	Load Classification on	Circuit Description	CKT		
1	KK C-R-2	MTRS	15	A	3	582 VA	582 VA			MTRS	OX C-R-1	2		
3	--	--	--	--	--	582 VA	582 VA			--	--	4		
7	--	--	--	--	--	--	582 VA	582 VA		--	--	6		
7	TK C-R-2	MTRS	15	A	3	582 VA	582 VA			3	15 A	MTRS	TK C-R-1	8
13	--	--	--	--	--	--	582 VA	582 VA		--	--	--	10	
11	--	--	--	--	--	--	582 VA	582 VA		--	--	--	12	
11	DX C-R-2	MTRS	15	A	3	582 VA	582 VA			3	15 A	MTRS	KX C-R-1	14
15	--	--	--	--	--	--	582 VA	582 VA		--	--	--	16	
17	--	--	--	--	--	--	582 VA	582 VA		--	--	--	18	
19	ASHP C-R-1	MTRS	200	A	3	5099							20	
23	--	--	--	--	--	5099							22	
23	--	--	--	--	--	--	5099	5099					24	
25	--	--	--	--	--	--	--	--					26	
29	--	--	--	--	--	--	--	--					30	
31	--	--	--	--	--	--	--	--					32	
33	--	--	--	--	--	--	--	--					34	
35	--	--	--	--	--	--	--	--					36	
37	--	--	--	--	--	--	--	--					38	
39	--	--	--	--	--	--	--	--					40	
41	--	--	--	--	--	--	--	--					42	

Total Load:

54482 VA

54482 VA

54482 VA

Total Amps:

197 A

197 A

197 A

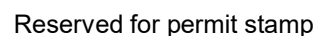
MPH-B1 LOAD SUMMARY

Load Classification	Connected Load	*Demand Factor	Estimated Demand	Panel Totals
MTRS	163446 VA		201689 VA	
				Total Conn. Load: 163446 VA
				Total Est. Demand: 201689 VA
				Total Conn.: 197 A
				Total Est. Demand: 243 A

Notes:

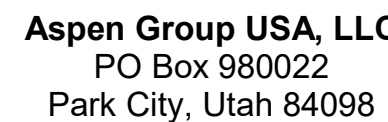
*Demand Factor Table

ELECTRICAL CONNECTION SCHEDULE - UNITS																													
EQUIPMENT TAG NUMBER	DESCRIPTION	LOCATION	INPUT FROM MECHANICAL AND PLUMBING SCHEDULES DESIGN										BRANCH CIRCUIT		LOAD CALCULATION		SERVED FROM	EQUIPMENT CONNECTION BY		PART B - INPUT FROM MECHANICAL AND PLUMBING SCHEDULES FROM SUBMITTALS									
			QUANTITY	VOLTAGE	PHASE	HP	KW	FLA	MCA	MOCF	CONDUIT (SEE NOTE)	WIRE SIZE (AWG)	AMPS	KVA	E	M		BOS / SUBSTITUTE	VOLTAGE	PHASE	HP	KW	FLA	MCA	MOCF	EQUIPMENT CONNECTION TYPE			
FDU-A-1	FAN COIL	UNIT A BEDROOM 1	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-A-2	FAN COIL	UNIT A BEDROOM 2	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-A-3	FAN COIL	UNIT A BEDROOM 3	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-A-4	FAN COIL	UNIT A LIVING ROOM	1	208	1			4.1		1/2"	2 #12 & 1#12G	4.1	0.85	UNIT PANEL	X														
FDU-B-1	FAN COIL	UNIT B BEDROOM 1	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-B-2	FAN COIL	UNIT B BEDROOM 2	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-B-3	FAN COIL	UNIT B BEDROOM 3	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-B-4	FAN COIL	UNIT B LIVING ROOM	1	208	1			4.1		1/2"	2 #12 & 1#12G	4.1	0.85	UNIT PANEL	X														
FDU-C-1	FAN COIL	UNIT C BEDROOM	1	208	1			4.1		1/2"	2 #12 & 1#12G	4.1	0.85	UNIT PANEL	X														
FDU-C-2	FAN COIL	UNIT C BEDROOM	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-C-3	FAN COIL	UNIT C BEDROOM	1	208	1			4.1		1/2"	2 #12 & 1#12G	4.1	0.85	UNIT PANEL	X														
FDU-C-4	FAN COIL	UNIT C DEN	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-C-5	FAN COIL	UNIT C LIVING ROOM	1	208	1			4.1		1/2"	2 #12 & 1#12G	4.1	0.85	UNIT PANEL	X														
FDU-D-1	FAN COIL	UNIT D BEDROOM 1	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-D-2	FAN COIL	UNIT D BEDROOM 2	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-D-3	FAN COIL	UNIT D BEDROOM 3	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-D-4	FAN COIL	UNIT D LIVING ROOM	1	208	1			4.1		1/2"	2 #12 & 1#12G	4.1	0.85	UNIT PANEL	X														
FDU-E-1	FAN COIL	UNIT E BEDROOM 1	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-E-2	FAN COIL	UNIT E BEDROOM 2	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-E-3	FAN COIL	UNIT E BEDROOM 3	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-E-4	FAN COIL	UNIT E BEDROOM 4	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-E-5	FAN COIL	UNIT E LIVING ROOM	1	208	1			5.8		1/2"	2 #12 & 1#12G	5.8	1.21	UNIT PANEL	X														
FDU-F-1	FAN COIL	UNIT F BEDROOM 1	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-F-2	FAN COIL	UNIT F BEDROOM 2	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-F-3	FAN COIL	UNIT F BEDROOM 3	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-F-4	FAN COIL	UNIT F BEDROOM 4	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-F-5	FAN COIL	UNIT F LIVING ROOM	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-G-1	FAN COIL	UNIT G BEDROOM 1	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-G-2	FAN COIL	UNIT G BEDROOM 2	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-G-3	FAN COIL	UNIT G BEDROOM 3	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-G-4	FAN COIL	UNIT G BEDROOM 4	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-G-5	FAN COIL	UNIT G LIVING ROOM	1	208	1			4.1		1/2"	2 #12 & 1#12G	4.1	0.85	UNIT PANEL	X														
FDU-H-1	FAN COIL	UNIT H BEDROOM 1	1	208	1			4.1		1/2"	2 #12 & 1#12G	4.1	0.85	UNIT PANEL	X														
FDU-H-2	FAN COIL	UNIT H BEDROOM 2	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-H-3	FAN COIL	UNIT H BEDROOM 3	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-H-4	FAN COIL	UNIT H BEDROOM 4	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-H-5	FAN COIL	UNIT H LIVING ROOM	1	208	1			4.1		1/2"	2 #12 & 1#12G	4.1	0.85	UNIT PANEL	X														
FDU-H-6	FAN COIL	UNIT H LIVING ROOM	1	208	1			4.1		1/2"	2 #12 & 1#12G	4.1	0.85	UNIT PANEL	X														
FDU-H-7	FAN COIL	UNIT H DEN	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-I-1	FAN COIL	UNIT I BEDROOM 1	1	208	1			8.7		1/2"	2 #12 & 1#12G	8.7	1.81	UNIT PANEL	X														
FDU-I-2	FAN COIL	UNIT I BEDROOM 2	1	208	1			6.3		1/2"	2 #12 & 1#12G	6.3	1.31	UNIT PANEL	X														
FDU-I-3	FAN COIL	UNIT I BEDROOM 3	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-I-4	FAN COIL	UNIT I BEDROOM 4	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-I-5	FAN COIL	UNIT I BEDROOM 5	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-I-6	FAN COIL	UNIT I LIVING ROOM	1	208	1			6.3		1/2"	2 #12 & 1#12G	6.3	1.31	UNIT PANEL	X														
FDU-K-1	FAN COIL	UNIT K BEDROOM 1	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-K-2	FAN COIL	UNIT K BEDROOM 2	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-K-3	FAN COIL	UNIT K BEDROOM 3	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-K-4	FAN COIL	UNIT K BEDROOM 4	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-K-5	FAN COIL	UNIT K BEDROOM 5	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-K-6	FAN COIL	UNIT K LIVING ROOM	1	208	1			8.5		1/2"	2 #12 & 1#12G	8.5	1.77	UNIT PANEL	X														
FDU-L-1	FAN COIL	UNIT L BEDROOM 1	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-L-2	FAN COIL	UNIT L BEDROOM 2	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-L-3	FAN COIL	UNIT L BEDROOM 3	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-L-4	FAN COIL	UNIT L BEDROOM 4	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														
FDU-L-5	FAN COIL	UNIT L LIVING ROOM	1	208	1			4.1		1/2"	2 #12 & 1#12G	4.1	0.85	UNIT PANEL	X														
FDU-M-1	FAN COIL	UNIT M BEDROOM 1	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-M-2	FAN COIL	UNIT M BEDROOM 2	1	208	1			2.6		1/2"	2 #12 & 1#12G	2.6	0.54	UNIT PANEL	X														
FDU-M-3	FAN COIL	UNIT M BEDROOM 3	1	208	1			1.3		1/2"	2 #12 & 1#12G	1.3	0.27	UNIT PANEL	X														



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project: **SOMMET BLANC**
9300 Marsac Ave (B2 East Parcel)



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revisions:

no.	date	
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no.	date	
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EQUIPMENT TAG NUMBERDESCRIPTIONLOCATION

QUANTITYVOLTAGEPHASEHPKWFLAMCAMOCPCONDUIT (SEE NOTE)WIRE SIZE (AWG)AMPSKVASERVED FROMEIEQUIPMENT CONNECTION BY

PART-B - INPUT FROM MECHANICAL AND PLUMBING SCHEDULES-FROM SUBMITTALS

VOLTAGEPHASEHPKWFLAMCAMOCPEQUIPMENT CONNECTION TYPE

ASHP-A-R.1AIR SOURCE HEAT PUMPTOWER A ROOF14803982"3/41 & 186098.081.48MPH-6A1X

ASHP-A-R.2AIR SOURCE HEAT PUMPTOWER A ROOF148031432"3/50.8 & 1860143.0118.89MPH-6A2X

ASHP-B-R.1AIR SOURCE HEAT PUMPTOWER B ROOF14803982"3/41 & 186098.081.48MPH-7B1X

ASHP-B-R.2AIR SOURCE HEAT PUMPTOWER B ROOF148031432-1/23/85.0 & 1860143.0118.89MPH-7B2X

ASHP-C-R.1AIR SOURCE HEAT PUMPTOWER C ROOF148031642-1/23/85.0 & 1860164.0132.97MPH-8C1X

AHJ-A-B.1-1AIR HANDLING UNITTOWER A BOILER D121480317.0303/43/81.0 & 1910.017.014.13LPH-B41X

AHJ-A-B.2AIR HANDLING UNITTOWER A BOILER D121480327.640.001"3/88 & 1910.027.622.95LPH-B41X

AHJ-A-1-1AIR HANDLING UNITTOWER A LEVEL P21480317.030.003/43/81.0 & 1910.017.014.13MPH-P2A1X

AHJ-A-1-XAIR HANDLING UNITTOWER A P2131480318.030.003/43/81.0 & 1910.018.014.96MPH-P2A1X

AHJ-B-B.1AIR HANDLING UNITTOWER B LEVEL B148035.015.001/23/41.0 & 1910.05.04.16MPH-P1B1X

AHJ-B-P.1AIR HANDLING UNITTOWER B LEVEL P11480321.850.003/43/81.0 & 1910.021.818.12MPH-P1B1X

AHJ-C-1-1AIR HANDLING UNITTOWER C LEVEL 1148037.020.001/23/41.0 & 1910.07.05.82MPH-1C1X

AHJ-L-1-1AIR HANDLING UNITTOWER AB LOBBY1480310.020.001/23/81.0 & 1910.010.08.31MPH-1A1X

GEF-A-P2.1FANTOWER-A P2 / GARAGE EX148031.121/23/81.0 & 1910.03.02.49SMH-P2A1X

GEF-A-P2.2FANTOWER-A P2 / GARAGE EX148031.121/23/81.0 & 1910.03.02.49SMH-P2A1X

GEF-A-P2.3FANTOWER-A P2 / GARAGE EX148031.121/23/81.0 & 1910.03.02.49SMH-P2A1X

GTF-A-P2.01GARAGE TRANSFER FANTOWER A P2148031.001/23/81.0 & 1910.02.11.75SMH-P2A1X

GTF-A-P2.02GARAGE TRANSFER FANTOWER A P2148031.001/23/81.0 & 1910.02.11.75SMH-P2A1X

GTF-A-P2.03GARAGE TRANSFER FANTOWER A P2148031.001/23/81.0 & 1910.02.11.75SMH-P2A1X

GTF-A-P2.04GARAGE TRANSFER FANTOWER A P2148031.001/23/81.0 & 1910.02.11.75SMH-P2A1X

GTF-A-P2.05GARAGE TRANSFER FANTOWER A P2148031.001/23/81.0 & 1910.02.11.75SMH-P2A1X

GTF-A-P2.06GARAGE TRANSFER FANTOWER A P2148031.001/23/81.0 & 1910.02.11.75SMH-P2A1X

GTF-A-P2.07GARAGE TRANSFER FANTOWER A P2148031.001/23/81.0 & 1910.02.11.75SMH-P2A1X

GTF-A-P2.08GARAGE TRANSFER FANTOWER A P2148031.001/23/81.0 & 1910.02.11.75SMH-P2A1X

GTF-A-P2.09GARAGE TRANSFER FANTOWER A P2148031.001/23/81.0 & 1910.02.11.75SMH-P2A1X

GTF-B-P2.01GARAGE TRANSFER FANTOWER B P2148031.001/23/81.0 & 1910.02.11.75SMH-P1B1X

GTF-B-P2.02GARAGE TRANSFER FANTOWER B P2148031.001/23/81.0 & 1910.02.11.75SMH-P1B1X

GTF-B-P2.03GARAGE TRANSFER FANTOWER B P2148031.001/23/81.0 & 1910.02.11.75SMH-P1B1X

GTF-B-P2.04GARAGE TRANSFER FANTOWER B P2148031.001/23/81.0 & 1910.02.11.75SMH-P1B1X

GTF-B-P2.05GARAGE TRANSFER FANTOWER B P2148031.001/23/81.0 & 1910.02.11.75SMH-P1B1X

GEF-B-P1.1FANTOWER-B P1 / GARAGE EX1480351/23/81.0 & 1910.07.66.32SMH-P1B1X

GEF-B-P1.2FANTOWER-B P1 / GARAGE EX1480331/23/81.0 & 1910.04.83.99SMH-P1B1X

GEF-B-P1.3FANTOWER-B P1 / GARAGE EX1480331/23/81.0 & 1910.04.83.99SMH-P1B1X

GEF-B-P1.4FANTOWER-B P1 / GARAGE EX1480331/23/81.0 & 1910.04.83.99SMH-P1B1X

GEF-B-P1.5FANTOWER-B P1 / GARAGE EX1480331/23/81.0 & 1910.04.83.99SMH-P1B1X

GTF-B-P1.01GARAGE TRANSFER FANTOWER B P1148031.001/23/81.0 & 1910.02.11.75SMH-P1B1X

GTF-B-P1.02GARAGE TRANSFER FANTOWER B P1148031.001/23/81.0 & 1910.02.11.75SMH-P1B1X

GTF-B-P1.03GARAGE TRANSFER FANTOWER B P1148031.001/23/81.0 & 1910.02.11.75SMH-P1B1X

GTF-B-P1.04GARAGE TRANSFER FANTOWER B P1148031.001/23/81.0 & 1910.02.11.75SMH-P1B1X

GTF-B-P1.05GARAGE TRANSFER FANTOWER B P1148031.001/23/81.0 & 1910.02.11.75SMH-P1B1X

GTF-B-P1.06GARAGE TRANSFER FANTOWER B P1148031.001/23/81.0 & 1910.02.11.75SMH-P1B1X

GTF-B-P1.07GARAGE TRANSFER FANTOWER B P1148031.001/23/81.0 & 1910.02.11.75SMH-P1B1X

GTF-B-P1.08GARAGE TRANSFER FANTOWER B P1148031.001/23/81.0 & 1910.02.11.75SMH-P1B1X

GEF-C-P1.1FANTOWER-B P1 / GARAGE EX1480321/23/81.0 & 1910.03.42.83LPH-P1C1X

EF-A-B.1FANTOWER A B / ELEC AD1812771161/22/81.0 & 1910.01.90.53LPH-B41X

EF-A-B.2FANTOWER A B / ELEV CONTROL ROOM AD1512771141/22/81.0 & 1910.02.40.66LPH-B41X

EF-A-B.3FANTOWER A ELEVATOR ROOM12771141/22/81.0 & 1910.02.40.66LPH-B41X

EF-A-P.1FANGARAGE148031.121/23/81.0 & 1910.03.02.49MPH-P2A1X

EF-A-P.2FANTOWER A TELECOM RM12771141/22/81.0 & 1910.02.40.66MPH-P2A1X

EF-A-1.1FANTOWER A LEVEL 1 HODS EX12771141/22/81.0 & 1910.02.40.66MPH-1A1X

EF-B-B.1FANTOWER-B STORAGE ELEC PANEL RM B00612771161/22/81.0 & 1910.01.90.53MPH-P1B1X

EF-B-B.2FANTOWER-B ELEVATOR RM B00712771141/22/81.0 & 1910.02.40.66MPH-P1B1X

EF-B-B.3FANTOWER-B ELEVATOR RM B00812771141/22/81.0 & 1910.02.40.66MPH-P1B1X

EF-B-P.1FANGARAGE12081161/22/81.0 & 1910.00.90.18LPH-P2B1X

EF-B-P.2FANGARAGE12081161/22/81.0 & 1910.03.20.67LPH-P2B1X

EF-B-P.3FANGARAGE12081161/22/81.0 & 1910.00.90.18LPH-P2B1X

EF-B-P.4FANGARAGE12081161/22/81.0 & 1910.00.90.18LPH-P2B1X

EF-B-P.1-1FANTOWER B P1148031.141/23/81.0 & 1910.01.61.33MPH-P1B1X

EF-B-P.1-2FANTOWER B P1148031.121/23/81.0 & 1910.02.40.66MPH-P1B1X

EF-B-P.1-3FANTOWER B P1148031.141/23/81.0 & 1910.02.40.66MPH-P1B1X

EF-C-P1.1FANGARAGE127711341/22/81.0 & 1910.04.81.33LPH-P1C1X

EF-C-P1.2FANGARAGE12771141/22/81.0 & 1910.02.40.66LPH-P1C1X

EF-C-P1.3FANGARAGE127711341/22/81.0 & 1910.04.81.33LPH-P1C1X

EF-C-P1.4FANGARAGE127711341/22/81.0 & 1910.04.81.33LPH-P1C1X

EF-C-1.1FANTOWER C TELECOM ROOM12771141/22/81.0 & 1910.02.40.66MPH-1C1X

EF-C-B.1FANTOWER-C ELEC RM12771161/22/81.0 & 1910.01.90.53LPH-B41X

GTF-C-P1.01GARAGE TRANSFER FANTOWER C P1148031.001/23/81.0 & 1910.02.11.75S-DPH-P1C X

GTF-C-P1.02GARAGE TRANSFER FANTOWER C P1148031.001/23/81.0 & 1910.02.11.75S-DPH-P1C X

GTF-C-P1.03GARAGE TRANSFER FANTOWER C P1148031.001/23/81.0 & 1910.02.11.75S-DPH-P1C X

GTF-C-P1.04GARAGE TRANSFER FANTOWER C P1148031.001/23/81.0 & 1910.02.11.75S-DPH-P1C X

EF-C-0.1FANTOWER C UNIT O12081161/23/81.0 & 1910.00.90.18LPH-B41X

EF-C-0.2FANTOWER C UNIT O12081161/23/81.0 & 1910.00.90.18LPH-B41X

EF-C-0.3FANTOWER C UNIT O12081161/23/81.0 & 1910.00.90.18LPH-B41X

TX-A-R.1FANROOF14803101/23/81.0 & 1910.01.10.91MPH-6A1X

TX-A-R.2FANROOF14803131/23/81.0 & 1910.01.61.33MPH-6A1X

DX-A-R.1FANROOF14803101/23/81.0 & 1910.01.10.91MPH-6A1X

DX-A-R.2FANROOF14803101/23/81.0 & 1910.01.10.91MPH-6A1X

KX-A-R.1FANROOF148030.6251/23/81.0 & 1910.01.10.91MPH-6A1X

KX-A-R.2FANROOF148030.6251/23/81.0 & 1910.01.10.91MPH-6A1X

BEF-A.1FANTOWER-AB112011341/22/81.0 & 1910.03.81.66LPH-B41X

BEF-A.2FANTOWER-AB112011341/22/81.0 & 1910.03.81.66LPH-B41X

BEF-B.1FANTOWER-B P1112011341/22/81.0 & 1910.03.81.66MPH-P1B1X

BEF-B.2FANTOWER-B P1112011341/22/81.0 & 1910.03.81.66MPH-P1B1X

BEF-B.3FANTOWER-B P1112011341/22/81.0 & 1910.03.81.66MPH-P1B1X

BEF-B.4FANTOWER-B P1112011341/22/81.0 & 1910.03.81.66MPH-P1B1X

BEF-B.5FANTOWER-B P1112011341/22/81.0 & 1910.03.81.66MPH-P1B1X

BEF-B.6FANTOWER-B P1112011341/22/81.0 & 1910.03.81.66MPH-P1B1X

BEF-B.7FANTOWER-B P1112011341/22/81.0 & 1910.03.81.66MPH-P1B1X

BEF-B.8FANTOWER-B P1112011341/22/81.0 & 1910.03.81.66MPH-P1B1X

BEF-C.1FANTOWER-C.112011341/22/81.0 & 1910.03.81.66MPH-1C1X

BEF-C.2FANTOWER-C.112011341/22/81.0 & 1910.03.81.66MPH-1C1X

SPF-B-P1.1GARAGE1480351/23/81.0 & 1910.07.66.32SMH-P1B1X

SPF-B-P1.2GARAGE1480351/23/81.0 & 1910.07.66.32SMH-P1B1X

SPF-B-P1.3GARAGE148037.1121/23/81.0 & 1910.010.915SMH-P1B1X

SPF-B-P1.4GARAGE1480351/23/81.0 & 1910.07.66.32SMH-P1B1X

SPF-C-R.1FANROOF1480351/23/81.0 & 1910.07.66.32SMH-P1C1X

SPF-C-R.2FANROOF1480351/23/81.0 & 1910.07.66.32SMH-P1C1X

TX-B-R.1FANROOF1480311/23/81.0 & 1910.02.11.75MPH-7B1X

TX-B-R.2FANROOF1480311/23/81.0 & 1910.02.11.75MPH-7B1X

DX-B-R.1FANROOF14803101/23/81.0 & 1910.01.10.91MPH-7B1X

DX-B-R.2FANROOF14803101/23/81.0 & 1910.01.10.91MPH-7B1X

KX-B-R.1FANROOF1480323.831/23/81.0 & 1910.03.2.83MPH-7B1X

KX-B-R.2FANROOF148031.51/23/81.0 & 1910.03.02.49MPH-7B1X

TX-C-R.1FANROOF1480311/23/81.0 & 1910.02.11.75MPH-8C1X

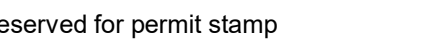
TX-C-R.2FANROOF1480311/23/81.0 & 1910.02.11.75MPH-8C1X

DX-C-R.1FANROOF1480311/23/81.0 & 1910.02.11.75MPH-8C1X

DX-C-R.2FANROOF1480311/23/81.0 & 1910.02.11.75MPH-8C1X

KX-C-R.1FANROOF1480311/23/81.0 & 1910.02.11.75MPH-8C1X

KX-C-R.2FANROOF1480311/23/81.0 & 1910.02.11.75MPH-8C1X



Olson Kundig

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principal architect _____

checked by Checker
job no. _____

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11/10/2022

ELECTRICAL CONNECTION SCHEDULE

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