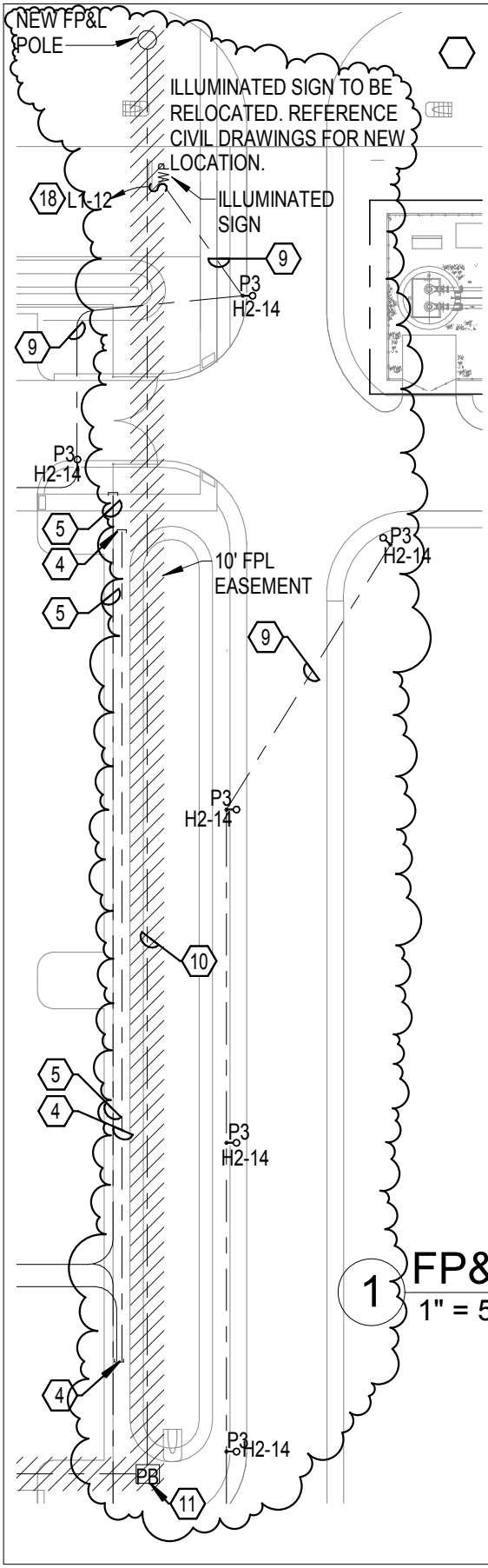

CODED NOTES

1. GENERATOR DOCKING STATION. BASIS OF DESIGN IS TRYSTAR GDS-065P-LM. REFER TO ELECTRICAL ONE-LINE DIAGRAM ON SHEET E-901 FOR MORE INFORMATION. PROVIDE CONCRETE POSTS AND UNISTRUT HARDWARE AS REQUIRED TO MOUNT DOCKING STATION FOR A COMPLETE INSTALLATION.
2. (3) 3" CONDUITS AND CONDUCTORS FROM TRANSFORMER SECONDARY. CONDUITS CONCRETE ENCASED. REFER TO ELECTRICAL ONE-LINE DIAGRAM ON SHEET E-901 FOR MORE INFORMATION.
3. (2) 3" AND (1) 1" CONDUIT TO GENERATOR DOCKING STATION. (1) 1" CONDUIT FOR FUTURE PERMANENT GENERATOR CONTROLS. REFER TO ELECTRICAL ONE-LINE DIAGRAM ON SHEET E-901 FOR MORE INFORMATION.
4. CONDUITS FOR CONNECTION TO FUTURE LIGHTING.
5. (1) 1" ELECTRICAL CONDUIT AND CONDUCTORS FOR FUTURE GATE OPERATOR. FIELD COORDINATE EXACT ROUTING OF CONDUIT. COORDINATE EXACT LOCATION OF STUB-UP IN FIELD PRIOR TO INSTALLATION. CAP AND MARK CONDUIT FOR FUTURE CONNECTION.
6. (2) 1" CONDUITS. FIELD COORDINATE EXACT ROUTING OF CONDUITS.
7. 28" **L** X 28" W X 24" D MINIMUM PRECAST CONCRETE PULL BOX.
8. (2) 1" CONDUITS WITH PULL STRING FOR SITE LIGHTING CONDUCTORS.
9. (1) 1" CONDUIT WITH PULL STRING FOR SITE LIGHTING CONDUCTORS.
10. (1) 5" CONDUIT FOR UTILITY PRIMARY CONDUCTORS TO NEW WOODEN POWER POLE BY FP&L.
11. 30" **L** X 30" W X 24" D MINIMUM PRECAST CONCRETE PULL BOX.
12. COORDINATE EXACT CONDUIT SPACING IN FIELD WITH STRUCTURAL STEP FOOTING PRIOR TO CONSTRUCTION.
13. COORDINATE CROSSING OF STRUCTURAL STEP FOOTING WITH STRUCTURAL DRAWINGS AND IN FIELD PRIOR TO CONSTRUCTION. REFER TO ELECTRICAL ONE-LINE DIAGRAM ON SHEET E-901 FOR MORE INFORMATION.
14. COORDINATE EXACT LOCATIONS OF LIGHT POLES WITH FOUNDATION PACKAGE. REFER TO THE FOUNDATION PACKAGE FOR INFORMATION ON THE LIGHT POLE BASE INSTALLATION.
15. LIGHTNING PROTECTION DOWN CONDUCTOR. REFER TO SHEET E-103 FOR CONTINUATION OF LIGHTNING PROTECTION DOWN CONDUCTOR.
16. 3/4" DIA X 10'-0" VERTICALLY DRIVEN CU CLAD GROUND ROD SUCH THAT AT LEAST 8' OF ROD LENGTH IS IN CONTACT WITH SOIL IN COMPLIANCE WITH NEC ARTICLE 250.53(G).
17. 3/4" X 20'-0" SECTIONAL COPPER CLAD GROUND ROD WITH TEST WELL.
18. PROVIDE (2) #10AWG, #10AWG GROUND.

1 FP&L PRIMARY ROUTING SKETCH PHASE 2

1" = 50'-0"

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ADD-08		8-22-18

SKE003
SHEET

FIRST STEP SHELTER

3889 WEST INTERNATIONAL SPEEDWAY BLVD.
DAYTONA BEACH, FLORIDA

HALL & OGLE
ARCHITECTS, INC.
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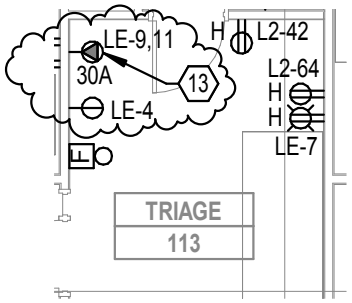
PH (386) 255-6163
FAX (386)257-5650

COMMISSION NO. 1431
PROJECT ARCH: JEH
DRAWN: CVM
DATE:

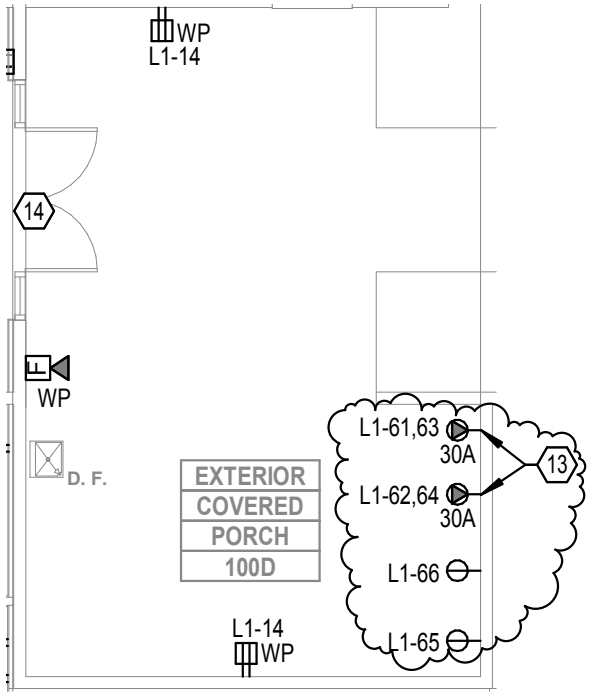
CODED NOTES

13. (2) #10AWG, #10 GROUND IN 3/4" CONDUIT.



2 TRIAGE DECON POWER SKETCH

1/8" = 1'-0"



1 ENTRY DECON POWER SKETCH

1/8" = 1'-0"

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COMMISSION NO. 1431
PROJECT ARCH: JEH
DRAWN: CVM
DATE:

Branch Panel: L1

Mains Type: MCB
Mains Rating: 150 A
Nuetral Rating: 100.00%
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 24,000
Served From: TL1
Mounting: Surface
Location: RM 119A

Notes:

CKT	Circuit Description	Note	Trip	Pole	A		B		C		Pole	Trip	Note	Circuit Description	CKT
1	ODU-1/IDU-1		15	2	0.90	1.60					2	25		ODU-2/IDU-2	2
3							0.90	1.60							4
5	ODU-3		30	2					1.45	1.05	1	20		Roof Mount EF-3/EF-4	6
7					1.45	0.86					1	20		EF Rm 116B,100E,117AFGO,100E,118A	8
9	Receptacle - Roof		20	1			0.80	0.02			1	20		WH-3, WH-4 Control Power	10
11	WH-1, WH-2 Control Power		20	1					0.10	1.00	1	20		Illuminated Sign	12
13	EF Rm 114CD,112,109,110,113A		20	1	0.05	0.80					1	20		Receptacle - Exterior/100DF	14
15	CP-1		20	1			0.40	0.20			1	20		Receptacle - EWC Exterior 119C	16
17	Ceiling Fans		20	1					0.30	1.13	2	30		Receptacle - Dryer	18
19	Receptacle - Exterior/119C/120B		20	1	1.00	1.13									20
21	Receptacle - Exteriror 100E		20	1			0.80	1.13			2	30		Receptacle - Dryer	22
23	Receptacle - Dryer		30	2					1.13	1.13					24
25					1.13	1.13					2	30		Receptacle - Dryer	26
27	Receptacle - Dryer		30	2			1.13	1.13							28
29									1.13	1.00	1	20		Receptacle - Clothes Washer	30
31	Receptacle - Clothes Washer		20	1	1.00	1.00					1	20		Receptacle - Clothes Washer	32
33	Receptacle - Clothes Washer		20	1			1.00	0.05			1	20		CP-1 Rm 117J	34
35	Receptacle - Clothes Washer		20	1					1.00	0.80	1	20		Receptacle - GFCI Rm 117	36
37	Receptacle - GFCI Rm 116CD,117J		20	1	1.20	1.00					1	20		Receptacle - Ice Machine Rm 117	38
39	Receptacle - Ice Machine Rm 117		20	1			1.00	1.00			1	20		Floor Quad Receptacle - Rm 117	40
41	Receptacle - Rm 117		20	1					1.20	1.40	1	20		Receptacle Rm 117GHK,119A	42
43	Floor Quad Receptacle - Rm 117		20	1	1.00	1.00					1	20		Receptacle Rm 116,116A	44
45	Receptacle Rm 116,116B		20	1			1.00	1.00			1	20		Receptacle Rm 116	46
47	Receptacle Rm 116		20	1					0.80	0.60	1	20		Receptacle Rm 118	48
49	Receptacle Rm 118		20	1	0.60	0.20					1	20		Receptacle EWC Rm 100C	50
51	Receptacle Rm 118AB,119C		20	1			0.80	0.40			1	20		Floor Quad Receptacle Rm 100A	52
53	Receptacle Rm 100ABC		20	1					0.60	0.60	1	20		TVs Rm 117	54
55	TVs Rm 117		20	1	0.60	0.80					1	20		Receptacle Rm 118	56
57	Receptacle Rm 100EG, 117BO		20	1			0.80	0.05			1	20		Trap Primer Panel Power	58
59	Receptacle Rm 118A, 119C		20	1					0.40	0.75	1	20		Fire/Smoke Damper Power	60
61	Receptacle - Decon Dryer Rm 100		30	2	1.13	1.13					2	30		Receptacle - Decon Dryer Rm 100	62
63							1.13	1.13							64
65	Receptacle - Decon Warmer Rm 100		20	1					1.80	1.80	1	20		Receptacle - Decon Warmer Rm 100	66
67	Spare		20	1	0.00	0.00					1	20		Spare	68
69	Spare		20	1			0.00	0.00			1	20		Spare	70
71	Spare		20	1					0.00	0.00	1	20		Spare	72
73	Spare		20	1	0.00	0.00					1	20		Spare	74
75	Spare		20	1			0.00	0.00			1	20		Spare	76
77	Spare		20	1					0.00	0.00	1	20		Spare	78
79	Spare		20	1	0.00	0.00									80
81	Spare		20	1			0.00	0.00			3	30		SPD	82
83	Spare		20	1					0.00	0.00					84
			Total Load:		20.7 kVA		17.4 kVA		21.2 kVA						
			Total Amps:		177 A		145 A		180 A						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Equipment	2.8 kVA	100.00%	2.8 kVA		
HVAC	7.9 kVA	100.00%	7.9 kVA	**Total Conn. Load:**	59.3 kVA
Lighting	1.0 kVA	100.00%	1.0 kVA	**Total Est. Demand:**	40.91 kVA
Other	0.8 kVA	100.00%	0.8 kVA	**Total Conn. Current:**	165 A
Receptacle	46.8 kVA	60.70%	28.4 kVA	**Total Est. Demand Current:**	114 A

Notes:

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SKE005
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FIRST STEP SHELTER

3889 WEST INTERNATIONAL SPEEDWAY BLVD.
DAYTONA BEACH, FLORIDA

HALL & OGLE
ARCHITECTS, INC.
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FAX (386)257-5650

COMMISSION NO. 1431
PROJECT ARCH: JEH
DRAWN: CVM
DATE:

Branch Panel: LE

Mains Type: MCB
Mains Rating: 100 A
Nuetral Rating: 100.00%
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 24,000
Served From: TLE
Mounting: Surface
Location: RM 119A

Notes:

CKT	Circuit Description	Note	Trip	Pole	A		B		C		Pole	Trip	Note	Circuit Description	CKT
1	Receptacle Rm 114E		20	1	0.40	0.40						20		Receptacle Rm 114B	2
3	Receptacle Rm 114A		20	1			0.20	0.20			1	20		Receptacle Decon Warmer Rm 113A	4
5	FACP		20	1					0.05	0.20	1	20		Receptacle Refrigerator Rm 108	6
7	Receptacle Rm 113		20	1	0.20	0.40					1	20		Receptacle Rm 114B, 114E	8
9	Receptacle - Decon Dryer Rm 113A		30	2			1.13	0.00			--	--	--	Space	10
11									1.13	0.00	--	--	--	Space	12
13	Space	--	--	--	0.00	0.00					--	--	--	Space	14
15	Space	--	--	--			0.00	0.00			--	--	--	Space	16
17	Space	--	--	--					0.00	0.00	--	--	--	Space	18
19	Spare		20	1	0.00	0.00					--	--	--	Space	20
21	Spare		20	1			0.00	0.00			--	--	--	Space	22
23	Spare		20	1					0.00	0.00	--	--	--	Space	24
25	Spare		20	1	0.00	0.00									26
27	Spare		20	1			0.00	0.00			3	30		SPD	28
29	Spare		20	1					0.00	0.00					30
			Total Load:		1.4 kVA		1.5 kVA		1.4 kVA						
			Total Amps:		12 A		13 A		11 A						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Other	0.1 kVA	100.00%	0.1 kVA		
Receptacle	4.3 kVA	100.00%	4.3 kVA	**Total Conn. Load:**	4.3 kVA
				Total Est. Demand:	4.30 kVA
				Total Conn. Current:	12 A
				Total Est. Demand Current:	12 A

Notes:

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SKE006
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FIRST STEP SHELTER

3889 WEST INTERNATIONAL SPEEDWAY BLVD.
DAYTONA BEACH, FLORIDA

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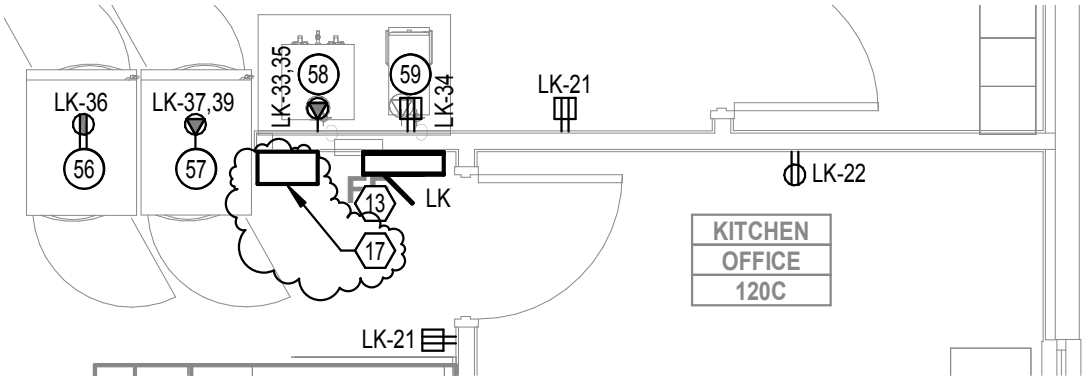
PH (386) 255-6163
FAX (386)257-5650

COMMISSION NO. 1431
PROJECT ARCH: JEH
DRAWN: CVM
DATE:

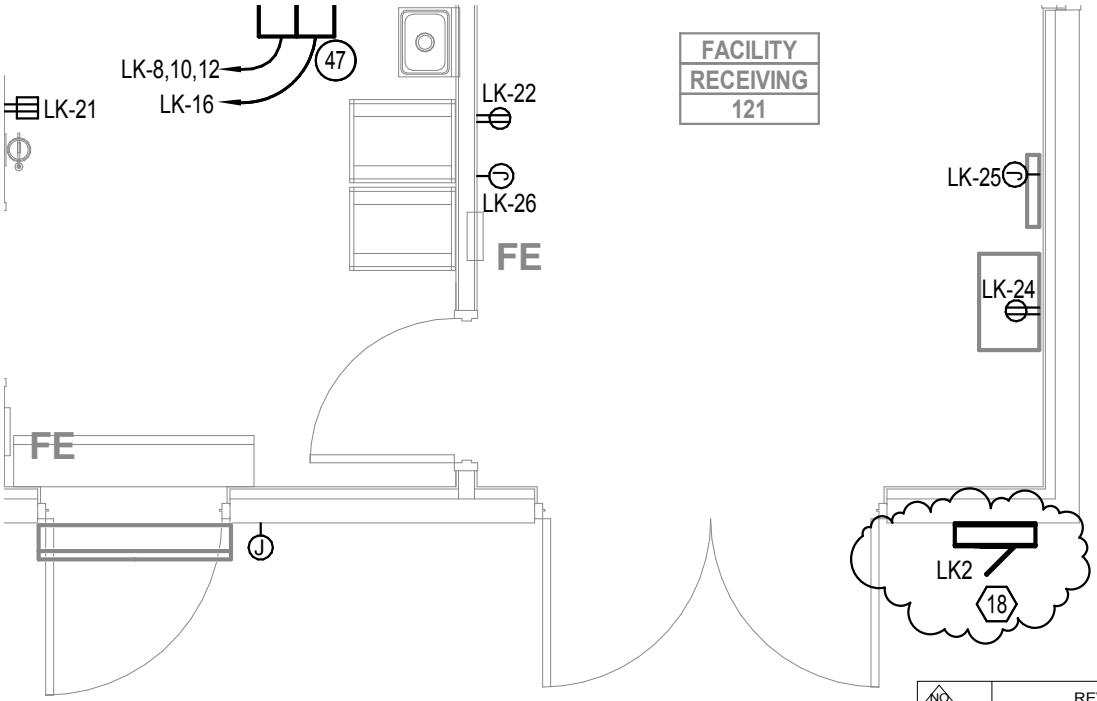
CODED NOTES

13. PROVIDE STAINLESS STEEL PANEL TRIM FOR PANEL LOCATED IN KITCHEN.
17. 400A, HEAVY DUTY, NEMA 4X STAINLESS STEEL ENCLOSED CIRCUIT BREAKER MOUNTED AT 48" AFF, VERIFY EXACT MOUNTING HEIGHT AND LOCATION IN FIELD PRIOR TO CONSTRUCTION. REFER TO ELECTRICAL ONE-LINE DIAGRAM ON SHEET E-901 FOR MORE INFORMATION.
18. NEMA 3R, 100A MCB PANEL FOR FUTURE FREEZER AND DRY STORAGE EXPANSION. VERIFY EXACT LOCATION IN FIELD. REFER TO ELECTRICAL ONE-LINE DIAGRAM ON SHEET E-901 FOR MORE INFORMATION.



2 NEW PANEL LK2 BREAKER SKETCH

1/4" = 1'-0"



1 NEW PANEL LK2 SKETCH

1/4" = 1'-0"

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FAX (386)257-5650

COMMISSION NO. 1431
PROJECT ARCH: JEH
DRAWN: CVM
DATE:

Branch Panel: LK2

Mains Type: MCB
Mains Rating: 100 A
Nuetral Rating: 100.00%
Enclosure: Type 3R

Volts: 120/208 Wye
Phases: 3
Wires: 4

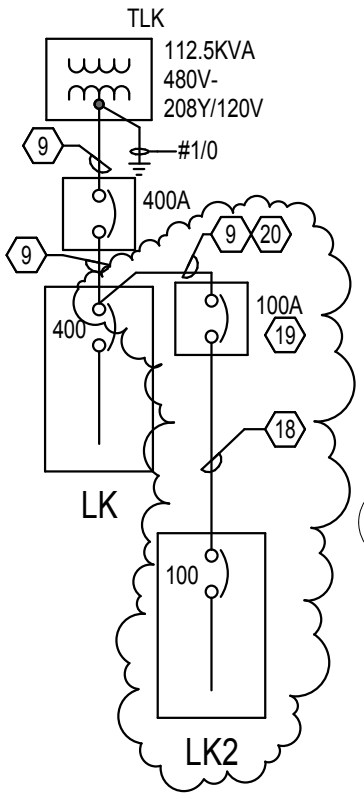
A.I.C. Rating: 24,000
Served From: TLK
Mounting: Surface
Location:

Notes:

CKT	Circuit Description	Note	Trip	Pole	A		B		C		Pole	Trip	Note	Circuit Description	CKT
1	Future Walk-in Cooler/Freezer		20	1	0.00	0.00									2
3	Future Cooler Evap Coil		20	1			0.00	0.00			3	20		Future Cooler Remote Condenser	4
5	Future Freezer Evap Coil		20	2					0.00	0.00					6
7					0.00	0.00									8
9	Spare		20	1			0.00	0.00			3	20		Future Freezer Remote Condenser	10
11	Spare		20	1					0.00	0.00					12
13	Spare		20	1	0.00	0.00					1	20		Spare	14
15	Spare		20	1			0.00	0.00			1	20		Spare	16
17	Spare		20	1					0.00	0.00	1	20		Spare	18
19	Spare		20	1	0.00	0.00					1	20		Spare	20
21	Spare		20	1			0.00	0.00			1	20		Spare	22
23	Spare		20	1					0.00	0.00	1	20		Spare	24
25	Spare		20	1	0.00	0.00									26
27	Spare		20	1			0.00	0.00			3	30		SPD	28
29	Spare		20	1					0.00	0.00					30
				Total Load:	0.0 kVA		0.0 kVA		0.0 kVA						
				Total Amps:	0 A		0 A		0 A						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.00 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:



CODED NOTES

9. PROVIDE (4) #600KCMIL, #1/0 GROUND IN 3-1/2" CONDUIT.
18. PROVIDE (4) #1AWG, #6 GROUND IN 1-1/2" CONDUIT.
19. 100A, 3-PHASE, NEMA 4X - STAINLESS STEEL ENCLOSED CIRCUIT BREAKER.
20. EXTEND FULLY RATED FEEDER TO 100A ENCLOSED CIRCUIT BREAKER.

1 PANEL LK2 ONE-LINE DIAGRAM SKETCH

N.T.S

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COMMISSION NO. 1431
PROJECT ARCH: JEH
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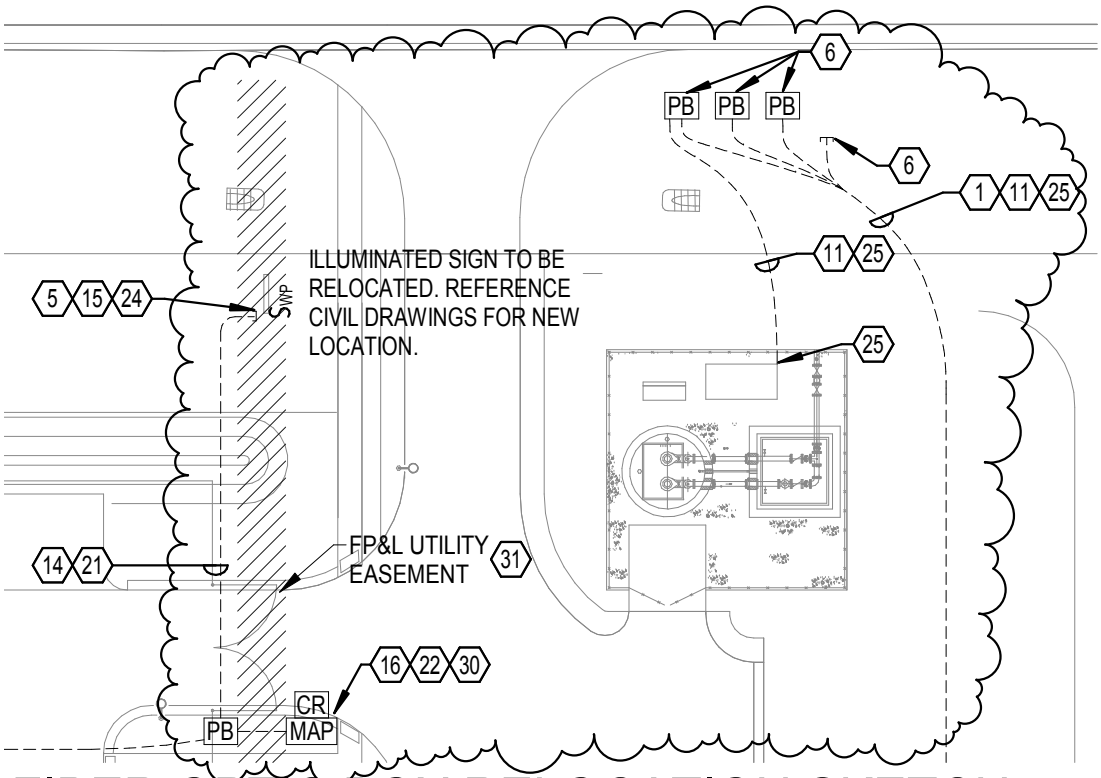
DATE:

CODED NOTES

1. (4) 4" CONDUITS, EACH CONDUIT WITH (2) 4" 3-CELL MAXCELL INNERDUCT, OR APPROVED EQUAL FROM TELECOM ROOM. CONDUIT ROUTED OUT TO PROPERTY LINE FOR CONNECTION TO SERVICE PROVIDER. REFER TO SHEET T-401 FOR MORE INFORMATION.
5. (1) 1" SCHD 40 PVC CONDUIT WITH PULL STRING TO LIGHTED SIGN.
6. (3) 4" CONDUITS, (1) CONDUIT EACH, INTO 36" L X 36" W X 36" D PRECAST CONCRETE MAINTENANCE HOLE WITH STONE DRAINAGE. FOR CONNECTION TO UTILITY.
11. (1) 1" SCHD 40 PVC CONDUIT WITH PULL STRING FROM TELECOMM ROOM TO EXISTING LIFT STATION CONTROL PANEL. COORDINATE EXACT ROUTING OF CONDUIT IN FIELD.
14. (1) 1" SCHD 40 PVC CONDUIT WITH PULL STRING TO LIGHT POLE.
15. PROVIDE 1-PORT POE EXTENDER WITH INTEGRAL SURGE SUPPRESSION. MOUNT EXTENDER TO LIGHT POLE PER MANUFACTURERS RECOMMENDATIONS. PROVIDE ALL REQUIRED MOUNTING HARDWARE. BASIS OF DESIGN IS COMMSCOPE PFU-P-B-O-030-01 WITH SUN SHIELD.
16. COMBINATION 2-WAY AUDIO, VIDEO, AND I-CLASS PROXIMITY CARD READER STATION AT GATE, MOUNTED TO PEDESTAL. PROVIDE ALL MOUNTING HARDWARE REQUIRED FOR A COMPLETE INSTALLATION. EQUIPMENT PROVIDED BY OWNER.
21. (1) HYBRID INDOOR/OUTDOOR POWERED FIBER CABLES FROM HYBRID POE POWER SUPPLY/FIBER PATCH PANEL IN ROOM 119B. REFER TO SHEET T-401 FOR MORE INFORMATION.
22. PROVIDE (1) CAT6A CABLE IN 1/2" CONDUIT FROM POE EXTENDER TO GATE ACCESS CONTROL STATION. REFER TO ACCESS CONTROL DIAGRAM ON SHEET T-901 FOR MORE INFORMATION.
24. PROVIDE (1) CAT6A CABLE FROM POE EXTENDER TO ILLUMINATED SIGN FOR FUTURE CONNECTION.
25. PROVIDE 6-STRAND, OM3 TIGHT BUFFERED, OSP FIBER OPTIC CABLE FROM ROOM 119B TO LIFT STATION CONTROL FOR TELEMETRY. PROVIDE MEDIA CONVERTER FOR CONNECTION TO EXISTING CONTROLLER. PROVIDE CAT6A CABLE FOR DATA CONNECTION TO EXISTING LIFT STATION CONTROLLER. COORDINATE EXACT MOUNTING LOCATIONS AND REQUIRED HARDWARE IN FIELD. PROVIDE ALL MOUNTING HARDWARE, MEDIA CONVERTER, CONDUIT, CABLES AND ENCLOSURES REQUIRED FOR A COMPLETE INSTALLATION.
31. MAINTAIN A MINIMUM OF 12" SEPARATION WHEN CROSSING THOUGH FP&L UTILITY EASEMENT. COORDINATE EXACT DEPTHS OF DUCTBANKS IN FIELD PRIOR TO CONSTRUCTION.



1 FIBER OPTIC BOX RELOCATION SKETCH

1" = 40'-0"

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SKT003 SHEET

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COMMISSION NO. 1431
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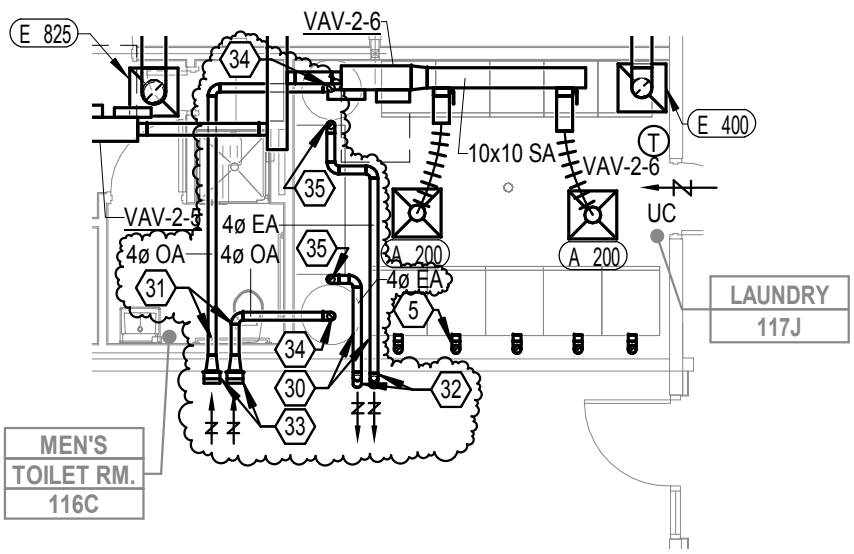
DRAWN: CVM
DATE:

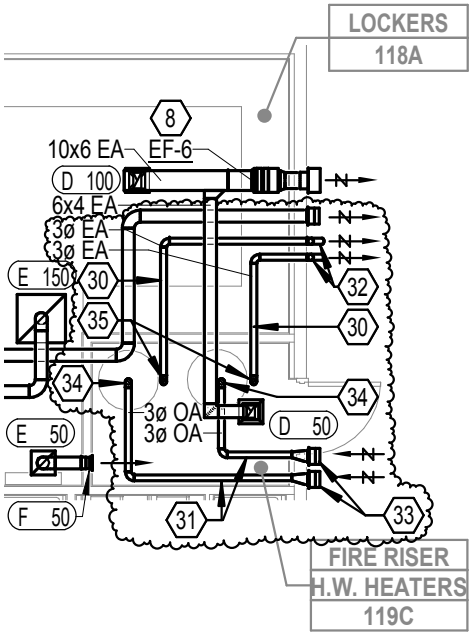


1 MECHANICAL PARTIAL PLAN - LAUNDRY

1/8" = 1'-0"

GENERAL NOTES:

6. PROVIDE SCHEDULE 40 PVC PIPE OR APPROVED ALTERNATE MATERIAL AS INDICATED IN THE BOILER MANUFACTURERS INSTALLATION INSTRUCTIONS FOR BOILER DIRECT VENT AND DIRECT INTAKE.
7. COORDINATE DIRECT VENT AND DIRECT INTAKE SIZE WITH FINAL SHOP DRAWINGS AND MANUFACTURERS INSTALLATION INSTRUCTIONS.
8. MAINTAIN MINIMUM CLEARANCE BETWEEN DIRECT VENT, DIRECT INTAKE, OPERABLE DOORS/WINDOWS, OUTDOOR AIR INTAKE, AND PAVED WALKWAYS AS INDICATED IN MANUFACTURERS INSTALLATION INSTRUCTIONS.



2 MECHANICAL PARTIAL PLAN - FIRE RISER/H.W. HEATERS

1/8" = 1'-0"

XX CODED NOTES:

5. ROUTE 4" DRYER EA TO GOOSENECK ON ROOF. TYPICAL. SEE DETAIL ON SHEET M-601.
8. ROUTE 8" EA FROM EF TO WALL CAP. WALL CAP BASIS OF DESIGN - BROAN MODEL 643.
30. BOILER DIRECT VENT.
31. BOILER DIRECT INTAKE.
32. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS FOR VENT TERMINATION REQUIREMENTS.
33. WALL CAP FOR BOILER INTAKE. BASIS OF DESIGN - BROAN 641FA.
34. CONNECT TO BOILER INTAKE.
35. CONNECT TO BOILER VENT.

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NO.	REVISION/ SUBMISSIONS	DATE
ADD-08		8-22-18

SKM-003
SHEET

FIRST STEP SHELTER

3889 WEST INTERNATIONAL SPEEDWAY BLVD.
DAYTONA BEACH, FLORIDA

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