

SWITCHING MECHANICAL QUICKMAKE AND BREAK.
OVERLOAD HEATERS, MANUAL RESET, TRIP INDICATING HANDLE.

.2 INDICATING LIGHT: TYPE AND COLOR TO MATCH EXISTING STARTERS.

IDENTIFY ELECTRICAL EQUIPMENT WITH NAMEPLATES AND LABELS AS FOLLOWS:
NAMEPLATES: LAMACOID 3MM THICK PLASTIC ENGRAVING SHEET, BLACK FACE WITH WHITE CORE (BLACK WITH WHITE LETTERS) FOR NORMAL POWER AND LAMACOID 3MM THICK PLASTIC ENGRAVING SHEET, RED

FACE WITH WHITE CORE (RED WITH WHITE LETTERS) FOR EMERGENCY POWER. LETTERING ACCURATELY ALIGNED AND ENGRAVED INTO CORE MECHANICALLY ATTACHED WITH SELF TAPPING SCREWS. LETTERS TO

.3 WORDING ON NAMEPLATES AND LABELS TO BE APPROVED BY CONSULTANT PRIOR TO MANUFACTURE. .4 ALLOW FOR MINIMUM OF TWENTY-FIVE (25) LETTERS PER NAMEPLATE AND LABEL.

.2 ACCESSORIES:

13 EQUIPMENT IDENTIFICATION

BE MINIMUM 5MM HIGH.

TOGGLE SWITCH LABELED

.6 WHERE STANDARD SIZE RAISED DEVICE RINGS CAN'T PROVIDE THE REQUIRED CLEARANCE, ADJUSTABLE

.1 PROVIDE WIRING DEVICES FOR ALL OUTLETS AS REQUIRED AND INDICATED. COLOUR AND MOUNTING TO

1 SINGLE POLE, 2-POLE, 3-WAY AND 4-WAY WALL MOUNTED, TOGGLE OPERATED, GENERAL PURPOSE

120VOLT

347VOLT

DEPTH RINGS SHALL PROVIDED

SWITCHES 15A AND 20A.

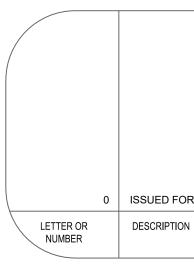
SPECIFICATION GRADE

.1 MANUFACTURER

.2 STANDARD OF ACCEPTANCE FOR DEVICES SHALL BE AS FOLLOWS:

5 WIRING DEVICES

MATCH EXISTING.



.5 NAMEPLATES FOR TERMINAL CABINETS, STARTERS AND CONTACTORS: INDICATE EQUIPMENT BEING CONTROLLED AND VOLTAGE. TRANSFORMERS: INDICATE CAPACITY, PRIMARY AND SECONDARY VOLTAGES. ROOM NAMES AND NUMBERS USED SHALL BE ACTUAL ROOM NAMES AND NUMBERS THAT WILL BE USED ON THE PROJECT. COORDINATE AND CONFIRM WITH TRADES INVOLVED.
COORDINATE NAMES OF EQUIPMENT AND SYSTEMS WITH MECHANICAL SECTION TO ENSURE THAT

IDENTICAL NAMES ARE USED. 9 NAMEPLATES FOR CONTROL DEVICES: INDICATE EQUIPMENT CONTROLLED. .10 ADJACENT TO EACH BREAKER IN COP TYPE PANELBOARDS, PROVIDE AND MOUNT LAMACOID NAMEPLATES IDENTIFYING THE RESPECTIVE LOAD AND LOCATION. 1 TO MATCH EXISTING WHERE APPLICABLE. 12 ALL RECEPTACLES SHALL HAVE A LAMACOID ON WHICH THE PANEL AND CIRCUIT NUMBER FROM WHICH IT THE APPROPRIATE OUTLET. PRESSURE INDENTED ADHESIVE STRIP NAMEPLATES ARE NOT ACCEPTABLE

AND SHALL NOT BE USED. .13 ALL RECEPTACLES FED FROM A UPS SHALL HAVE A "UPS" LAMACOID NEAR TOP OF COVER PLATE 14 CONTRACTOR

ONLY EXPERIENCED DATA INSTALLATION CONTRACTORS SHALL BE CONSIDERED FOR THE WORK. CONTRACTORS MUST BE ABLE TO PROVIDE EVIDENCE OF HAVING PERFORMED WORK OF A SIMILAR TYPE AS SPECIFIED. .2 CONTRACTOR SHALL OWN AND MAINTAIN TOOLS AND TEST EQUIPMENT NECESSARY FOR THE SUCCESSFUL INSTALLATION AND TESTING OF THE CAT [5, 5E AND CAT 6] COMMUNICATIONS CABLING SYSTEM. .3 ALL PERSONNEL EMPLOYED IN THE INSTALLATION OF THESE SYSTEMS SHALL BE ADEQUATELY TRAINED IN THE USE OF SUCH EQUIPMENT AND TESTERS.

15 SYSTEM TO INCLUDE: THE COMMUNICATIONS HORIZONTAL CABLING PATHWAY SHALL CONSIST OF AN OPEN CABLING HOOKS. EQUIPMENT RACKS -WALL MOUNT OR FLOOR MOUNT 3 PATCH PANELS .4 COMMUNICATION OUTLETS

PATCH CORDS .6 HORIZONTAL AND VERTICAL CABLE MANAGEMENT

16 SUBMITTALS .1 SUBMIT SHOP DRAWINGS FOR: .1 J-HOOKS GROUNDING TERMINATION CONNECTORS.

.3 GROUNDING BUS BARS

MOTOR SCHEDULE

MOTOR	NAME	LOCATION	H.P. (kW)	VOLTS	STARTER & ACC.			CIRCUIT	STARTER	FEEDER	FIRE ALARM	REMARKS
No.		LOCATION			MAN	MAG P	l Hoa	CINCOT	LOCATION	TELDEN	SHUTDOWN	REMARKS
RTU-1	ROOFTOP UNIT	ROOF	MCA: 16.7A MOCP: 20A	600/3ø	~			PANEL C	NEAR UNIT	3#12	YES	
RTU-2	ROOFTOP UNIT	ROOF	MCA: 12.5A MOCP: 15A	600/3ø	~			PANEL C	NEAR UNIT	3#12	YES	

FED FROM PANEL D					. – – –	onn	CALRC	
Designation	Load	Ckt	1	Phase	Ckt		Load	Designation
	(VA)	Trip	No.		No.	Trip	(VA)	
EXISTING CIRCUIT		20	1	A	22	20		EXISTING CIRCUIT
		2P				2P		
			2	в	23			
EXISTING CIRCUIT		15				20		EXISTING CIRCUIT
			3	С	24			
EXISTING CIRCUIT		15			25	20		EXISTING CIRCUIT
EXISTING CIRCUIT		15	4	A	6			
		10	5	в	26	20		EXISTING CIRCUIT
EXISTING CIRCUIT		15				2P		
			6	С	27			
EXISTING CIRCUIT		15				20		EXISTING CIRCUIT
		45	7	A	28	45		
EXISTING CIRCUIT		15	_			15		EXISTING CIRCUIT
EXISTING CIRCUIT		15	8	В	29	15		EXISTING CIRCUIT
		10	9	с	30	10		
EXISTING CIRCUIT		15				15		EXISTING CIRCUIT
			10	A	31			
EXISTING CIRCUIT		15				15		EXISTING CIRCUIT
		45	11	В	32	4 5		
EXISTING CIRCUIT		15	1.12		33	15		EXISTING CIRCUIT
EXISTING CIRCUIT		15	12	С	33	15		EXISTING CIRCUIT
		10	13	A	34	10		
EXISTING CIRCUIT		20				15		EXISTING CIRCUIT
			14	В	35			
EXISTING CIRCUIT		15				15		EXISTING CIRCUIT
		45	15	С	36	45		
EXISTING CIRCUIT		15	16	×	37	15		EXISTING CIRCUIT
EXISTING CIRCUIT		15	10	A	or	15		EXISTING CIRCUIT
		10	17	в	38	10		
EXISTING CIRCUIT		15				15		EXISTING CIRCUIT
			18	с	39			
EXISTING CIRCUIT		15				20		GFI ROOF RECEPTACLE
		45	19	A	40		500	1R ROOF
EXISTING CIRCUIT		15	20	- -	ا مر			SPACE
EXISTING CIRCUIT		15		В	41			SPACE
			21	с	42			
VOLT AGE:	120/2	08V,3			LOAI	DS -	PH.A	500
CAPACITY:	225A						PH.B	-
MOUNT ING:							PH.C	
REMARKS:	EXIST						T OT AL	500
ONLY CALCULATED LOAD FOR NEW AF CONTRACTOR TO UPDATE PANEL SCHI					V A1			NUMBERS ADE ADDITDADY
CONTRACTOR SHALL USE CIRCUITS M								-







PANEL SCHEDULE PNL B SOUTHDALE CC RTU REPLACEMENT PROJECT: 22-179-01 22-Aug-22 DATE:

Proiect Title SOUTHDALE CC RTU REPLACEMENT BID OPP. 648-2022

Drawing Title ELECTRICAL SPECIFICATION AND SCHEDULES

Drawn By AMP	
Checked By BG	
Approved By GW	
Scale AS NOTED	
Date AUG. 2022	
Project No. 22-179-01	

Drawing Number E2.1

Sheet Order

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Revision Number