

SHOWN FOR REFERENCE ONLY - PROVIDED BY SHERWIN WILLIAMS COMPANY - REFER TO EXHIBIT C.

**KEYED NOTES** 

SERVICE ENTRANCE SECTION. REFER TO SHEET E4.0 FOR ADDITIONAL INFORMATION.

2 PANEL "HP".

2 PANEL "

3 PANEL "101".

(4) PANEL "102". (5) PANEL "103".

6 4'x4'x3/4" PLYWOOD TELEPHONE MOUNTING BOARD "TMB" WITH (1) #6 BOND TO BUILDING S.E.S. GROUNDING ELECTRODE SYSTEM PER NEC ARTICLE 800. EXTEND (1) 1 1/2" EMPTY CONDUITS FROM MAIN TMB. VERIFY LOCATION AND REQUIREMENTS PRIOR TO ROUGH—IN.

PROVIDE WEATHERPROOF JUNCTION BOX FOR CONNECTION TO IRRIGATION CONTROLLER. VERIFY LOCATION WITH LANDSCAPE PLANS PRIOR TO ROUGH—IN. CONDUCTORS UPSIZED FOR VOLTAGE DROP.

PROVIDE (1) 2 1/2" UNDERGROUND EMPTY CONDUIT WITH PULLSTRING FOR FUTURE 200A TENANT CONNECTION STUBBED OUT OF SES AND INTO ELECTRICAL ROOM. COORDINATE EXACT TRENCHING, ROUTING AND POINT OF TERMINATION WITH OWNER.

9 W.P. JUNCTION BOX MOUNTED ON BACKSIDE OF PARAPET FOR TENANT SIGNAGE. COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECT PRIOR TO ROUGH—IN. CIRCUIT CONTROLLED VIA LIGHTING RELAY CONTROL PANEL. PROVIDE TOGGLE SWITCH IN WEATHERPROOF ENCLOSURE AS DISCONNECTING MEANS PER NEC

120V 10 GFCI RECEPTACLE FOR RECIRC PUMP (FRACTIONAL HORSEPOWER).

PROVIDE SINGLE RECEPT. FOR EDF POWER WITH GFCI CIRCUIT BREAKER TO COMPLY WITH NEC READILY ACCESSIBLE REQUIREMENT. PROVIDE MOTOR—RATED SWITCH AS DISCONNECTING MEANS WHEN HARD—WIRED EDF POWER CONNECTION

WP GFCI DUPLEX RECEPTACLE PER NEC 210.63 AT ROOF FOR MAINTENANCE TO HVAC EQUIPMENT WITH WHILE—IN—USE COVER AND OUTLET BOX HOOD SHALL BE LISTED AND IDENTIFIED AS "EXTRA—DUTY" PER NEC 406.9(B)(1).

4'x8'x3/4" PLYWOOD TELEPHONE MOUNTING BOARD "TMB" WITH (1) #6 BOND TO BUILDING S.E.S. GROUNDING ELECTRODE SYSTEM PER NEC ARTICLE 800. EXTEND (1) 1 1/2" EMPTY CONDUITS FROM MAIN TMB. VERIFY LOCATION AND REQUIREMENTS PRIOR TO ROUGH—IN. REFER TO DATA SWITCHBOARD DETAIL THIS SHEET

14 INSTALL BLUE COLORED 20A RATED SURGE PROTECTOR RECEPTACLE WITH LIGHT AND ALARM, HUBBEL #HBL53625A OR EQUAL

W.P. J.BOX FOR DOOR BUZZER BUTTON WITH 3/4" EMPTY CONDUIT STUBBED INTO BUILDING ACCESSIBLE CEILING SPACE. COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT PRIOR TO ROUGH—IN.

CONTRACTOR SHALL PROVIDE OPTEX CHIME SYSTEM, CHIME RECEIEVER UNIT, AND REQUIRED ELECTRICAL RECEPTACLE ON WALL.

PROVIDED DUAL POWER/TELE-DATA COMPARTMENT PLUGMOLD WITH (2) VOICE/DATA, (2) SURGE PROTECTED RECEPTACLES, (1) GENERAL USE RECEPTACLE, & (2) USB CHARGERS MOUNTED ABOVE COUNTER.

18 FLUSH IN CEILING 120V 20A RECEPTACLE. COORDINATE EXACT LOCATION WITH

PROVIDE (2) 1 1/4" EMPTY CONDUITS TO TERMINATE AT THE SATELLITE BOARD. COORDINATE EXACT LOCATION WITH TENANT PRIOR TO ROUGH—IN.

FLUSH-IN-FLOOR J-BOXES FOR POWER AND TELE/DATA CONNECTION OF 3-WIRE BASE FED MODULAR FURNITURE. VERIFY EXACT LOCATION AND REQUIREMENTS WITH TENANT PRIOR TO ROUGH-IN. PROVIDE 1 1/4" EMPTY CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE FOR TELE/DATA.

21) PANEL "103A".

CEILING MOUNTED EXHAUST FAN - 120V 1Ø FRACTIONAL HORSEPOWER.
 CONTRACTOR TO PROVIDE SHOW WINDOW 120V 20A RECEPTACLE(S) FOR EVERY 12 LINEAR FEET OF SHOW WINDOW MEASURED HORIZONTALLY PER NEC 210.62. COORDINATE EXACT MOUNTING WITH TENANT PRIOR TO ROUGH-IN.

HOMERUN CIRCUIT TO BE CONTROLLED VIA WALL SWITCH WITHIN MANAGER'S OFFICE. COORDINATE EXACT LOCATION OF WALL SWITCH WITH TENANT PRIOR TO ROUGH—IN.

FORKLIFT CHARGER — 208V 10 24FLA. COORDINATE EXACT NEMA CONFIGURATION, LOCATION AND MOUNTING HEIGHT WITH TENANT PRIOR TO ROUGH—IN. PROVIDE (2) #10's Cu., (1) #10 Cu. E.G. — 3/4" C.

## HVAC ELECT. REQUIREMENTS

ELECTRICAL CONTRACTOR SHALL PROVIDE CORRECT SIZE/TYPE/VOLTAGE/QUANTITY OF DUAL-ELEMENT, TIME-DELAY FUSE(S) SIZED PER HVAC EQUIPMENT MANUFACTURER UNLESS OTHERWISE SPECIFIED BY UNIT NAMEPLATE/MANUFACTURER DATA.

◆ ALL CONDUCTORS SHALL BE IN ACCORDANCE WITH THE ELECTRICAL SYSTEM SPEC'S (3.2). ALL TAP CONDUCTORS SHALL MEET THE REQUIREMENTS OF NEC ARTICLE 240.21(B)(2). MAXIMUM TAP CONDUCTOR LENGTH SHALL BE 25'−0" PER NEC ARTICLE 240 "FEEDER TAPS" AND "TRANSFORMER SECONDARY CONDUCTORS" AND SHALL NOT BE SMALLER THAN 1/3 THE AMPACITY OF FEEDER CONDUCTORS.

PROVIDE MAGNETIC MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION, (2)
AUXILIARY CONTACT SWITCHES, INTERNAL LINE VOLTAGE TO 24 VOLT TRANSFORMER
(250VA. MIN) WITH PROPER PRIMARY/SECONDARY PROTECTION, AMBIENT COMPENSATED,
RED RUNNING LIGHT, HAND-OFF-AUTO, ACROSS THE LINE STARTERS TO 25HP. WILL
BE PROVIDED WITH EACH MOTOR ON THE DRAWINGS (ONE HORSEPOWER TO 25 H.P.).

EQUIPMENT INDICATED HERE SHALL BE LISTED TO THE APPROPRIATE U.L. LISTING FOR THE USE AND BEAR A NAMEPLATE WITH THIS INFORMATION. WHEN REQUIRED, ANY NON-COMPLIANT EQUIPMENT MUST BE MADE COMPLIANT AT THE OWNERS EXPENSE AND IS NOT A PART OF THIS WORK EFFORT.

	UNIT	VOLTS/ø	FULL LOAD AMPS		DISCONNECTING MEANS	CONDUCTORS/ CONDUIT 🔷
	AC	<b>──</b>	COOLING	MCA/MOCP	HEAVY DUTY 60AMP 250V 3P/3F NEMA 3R DISCONNECT SWITCH	(3)#6's Cu., (1)#10 Cu. E.G. – 1"C.
	\5T/		28	33/45		
	F	208/1ø	kW		HEAVY DUTY 30AMP 250V 2P/NF NEMA 1 DISCONNECT SWITCH	(2)#12's Cu., (1)#12 Cu. E.G. – 3/4"C.
			3.0			
	/WH	208/1ø	kW		HEAVY DUTY 30AMP 250V 2P/NF NEMA 1 DISCONNECT SWITCH	(2)#10's Cu., (1)#10 Cu. E.G. — 3/4"C.
	$\backslash 1$		4.5			

DESIGN CODES IECC: 2021 NEC: 2020

ELECTRICAL CONTRACTOR SHALL NOTIFY DESIGNER/ENGINEER PRIOR TO ANY DEVIATION FROM THIS SET OF ELECTRICAL DESIGN PLANS. ANY CHANGES TO THE DESIGN, IF APPROVED BY ENGINEER, WILL REQUIRE REVISIONS TO PLANS AND POSSIBLE ADDITIONAL SERVICE



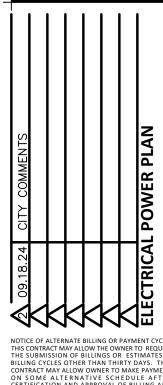
than originally intended without written permission of the engineer.

IF DRAWING IS NOT PLOTTED AT osmode THEY ARE NOT FULL SIZE



H I T E C T S I N C
THOMAS ROAD, PHOENIX, AKIZONA 85016
RKAA.com





NOTICE OF ALTERNATE BILLING OR PAYMENT CYCLE:
THIS CONTRACT MAY ALLOW THE OWNER TO REQUIRE
THE SUBMISSION OF BILLINGS OR ESTIMATES IN
BILLING CYCLES OTHER THAN THIRTY DAYS. THIS
CONTRACT MAY ALLOW OWNER TO MAKE PAYMENT
ON SOME ALTERNATIVE SCHEDULE AFTER
CERTIFICATION AND APPROVAL OF BILLING AND
ESTIMATES. A WRITTEN DESCRIPTION OF SUCH OTHER
BILLING CYCLE APPLICABLE TO THE PROJECT IS
AVAILABLE FROM OWNER OR DESIGNATED AGENT.
NAME
ADDRESS
ADDRESS
CONTACT: Name
PHONE:

ERCIAL PAD
O SHOPPING CENTER
AND OCOTILLO RD.
ER, AZ

NEW COMMERCI PAD 5B AT PASEO LINDO SHOPP NEC OF ARIZONA AVE AND OCC CHANDLER, AZ

PYRIGHT 2023, ALL RIGHTS RESERVED. THIS AWING IS AN INSTRUMENT OF SERVICE. IT IS THE PERETY OF RKAA ARCHITECTS, INC. AND MAY NOT BE RODUCED, OR REPRODUCTION HEREOF USED, THOUT WRITTEN PERMISSION OF THE RPORATION.

design by: MA drawn by: MA checked by: AG

**E1.0** project #: 23057