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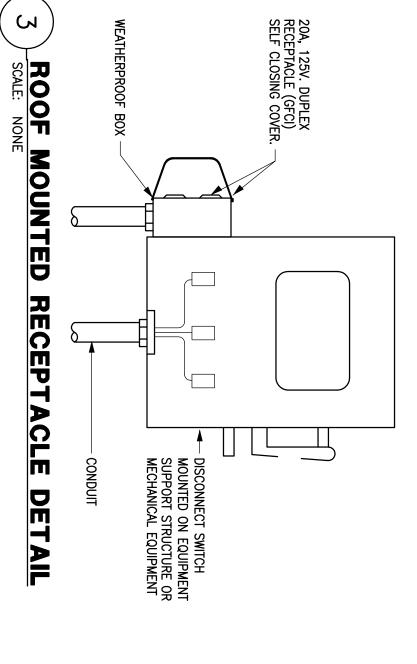
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## CONDUIT PENETRATION THRU ROOF SCALE: NONE DETAIL

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	SCALE: NONE
ROOF MOUNTED RECEPTACLE DETAIL	ROOF MOUNTE
CONDUIT	8
	EATHERPROOF BOX —

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	NOTES:  1. TYPICAL TREATMENT FOR PLUMBING		CAULK WITH VAPOR SEAL MASTIC. COVER WITH DUCT SEALER. — PIPE OR CONDUIT.		PACK 1" ANNULAR SPACE TIGHTLY WITH 1-Ib.DENSITY FIBERGLASS.  SCILLDOLL TO PVC PIPE SLEEVE.	6"	1" FIBERGLASS
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DOOR FRAME — ▼	EXIT LIGHT  6" LIGHT  6" LIGHT	EQ.	CONDUIT SEALANT THRU EXTERIOR WALLS - DETAIL  SCALE: NOT TO SCALE	NOTES:  1. TYPICAL TREATMENT FOR PLUMBING PIPES AND H.V.A.C. PIPING. 2. SIZE SLEEVE TO ACCEPT CONDUIT.		CAULK WITH VAPOR SEAL MASTIC. COVER WITH DUCT SEALER. — PIPE OR CONDUIT.		PACK 1" ANNULAR SPACE TIGHTLY WITH 1-Ib.DENSITY FIBERGLASS.  SCILLDOLL SOCILLOCATION PVC PIPE SLEEVE.	CAULK WITH SILICONE SI	1 FIBERGLASS
	X2	×ı	TA	Т2	71	ס	OA	Z	×	
	1	ı	50	ı	I	ı	20	ı	I	
	1	1	ı	ı	ı	1	2	1	-	
	CON-TECH #REXELSFGLEDEM-A268	CON-TECH #EXOHGLEDEM-A268	CON-TECH #CTL216-P	CON-TECH #LT-8-P	CON-TECH #LT-6-P	KICHLER #6162	TRIARCH "MARINAR" #79106-14	PRUDENTIAL #P80iT5HO-R188"-SPLS	NOT USED	

ı	1	50	ı	ı	1	20	ı	ı	ı	ı	1	17	50	1	W	ı	9	3	50	50	115	115	WATTS PER FIXT.	ı
ı	ı	1	ı	ı	ı	2	ı	ı	ı	4	ı	ı	1	ı	1	ı	ı	ı	ı	1	ı	ı	FIXT.	
CON-TECH #REXELSFGLEDEM-A268	CON-TECH #EXOHGLEDEM-A268	CON-TECH #CTL216-P	CON-TECH #LT-8-P	CON-TECH #LT-6-P	KICHLER #6162	TRIARCH "MARINAR" #79106-14	PRUDENTIAL #P80iT5H0-R188"-SPLSSC120X1	NOT USED	NOT USED	LITHONIA #Z128T5MVOLTGEB10PS-A268	NOT USED	LITHONIA #Z117MVOLTGEB10RS-A268	CON-TECH HOUSING: #LVR316-120 TRIM: #CTR312-P	NOT USED	CON-TECH "ROCK COTTAGE GLASS" PENDANT: # SHADE: #RCC569-TORTOISE SHELL	NOT USED	CON-TECH #EL2HA5W-A268	CON-TECH "ORCHARD FIELD GLASS" PENDANT: #RLMAC1596 SHADE: #0FG103-MANGO SUNSET	CON-TECH HOUSING: #LVR316-120 TRIM: #CTR324-P	CON-TECH HOUSING: #LVR316-120 TRIM: #CTR303N-P	LITHONIA #2SRTG432FWA12125V120GEB10PS1/3- EL14-A268	LITHONIA #2SRTG432FWA12125V120GEB10PS1/3-A268	MANUFACTURER AND CATALOG NUMBER	LIGHTING
CEILING	SURFACE	SURFACE/ CEILING	SURFACE/ CEILING	SURFACE/ CEILING	SURFACE/ WALL	POLE	RECESSED	ı	1	SURFACE/ SHELF	ı	SURFACE/ COVE	RECESSED	ı	PENDANT	ı	WALL	PENDANT	RECESSED	RECESSED	RECESSED (GRID)	RECESSED (GRID)	MOUNTING	G FIXTURE
ı	ı	1	ı	ı	2	2	4	ı	ı	_	ı	_	1	Í	_	I	2	_	-1	1	4	4	NO.	URE
LED	LED	50W MR16	ı	ı	100W-T4 HALOGEN	10W LED	F54H0XP/ 835/EC0	1	1	F028T5/ 835/EC0 35K	ı	F017XP/ 835/EC0 35K	50W MR16	1	3W LED	1	9W KRYPTON	3W LED	50W MR16 NARROW 10° BEAM	50W MR16 NARROW 10° BEAM	F032XP/ 835/EC0 35K	F032XP/ 835/EC0 35K	LAMPS TYPE	SCHEDULE
120/277	120/277	120	120	120	120	120	120	ı	ı	120	ı	120	120	1	120	ı	120	120	120	120	120	120	- VOLTS	ULE
CEILING MOUNT RECESSED EDGE-LIT EXIT SIGN WITH BATTERY BACK-UP AND GREEN LETTERS.	THERMOPLASTIC LED EXIST SIGN WITH BATTERY BACK-UP AND GREEN LETTERS. 7	ROUND BACK WHILE CYLINDER TRACK HEAD MOUNTED TO TRACK.	8' SINGLE CIRCUIT TRACK WITH WHITE FINISH. TRACK TO BE SURFACE MOUNTED TO GRID CEILING. MAXIMUM WATTAGE ALLOWED FOR 12' SECTION OF TRACK IS 900 WATTS.	6' SINGLE CIRCUIT TRACK WITH WHITE FINISH. TRACK TO BE SURFACE MOUNTED TO GRID CEILING. MAXIMUM WATTAGE ALLOWED FOR 6' SECTION OF TRACK IS 450 WATTS.	DECORATIVE WALL BRACKET MOUNTED OVER VANITY SINKS.	POST MOUNT LED LUMINAIRE SUITABLE FOR WET LOCATION. OIL RUBBED BRONZE FINISH. POST: TRIARCH #7501-1	188" LONG COVE LIGHTING SYSTEM, RECESSED FIXTURE MAKES ITS OWN COVE WITH TELESCOPING LAMP FOR EVEN LIGHT DISTRIBUTION.		•	4', 1-LAMP LOW-PROFILE TS STRIP FLUORESCENT.	•	2', 1-LAMP STRIP FLUORESCENT WITH BLUE LAMP SLEEVE.	LOW-VOLTAGE RECESSED DOWNLIGHT WITH FLAT ETCHED GLASS LENS.		GRAVITY FIT LINE-VOLTAGE MONOPOINT PENDANT WITH BLOWN GLASS SHADE.		WHITE THERMOPLASTIC EMERGENCY LIGHTING UNIT WITH 90 MIN. OF BATTERY BACK-UP. MOUNT UNIT 6" BELOW CLG. UNLESS OTHERWISE NOTED.	GRAVITY FIT LINE-VOLTAGE MONOPOINT PENDANT LIGHT WITH NARROW BEAM SPREAD LAMP.	LOW-VOLTAGE RECESSED FULLY ADJUSTABLE WALL WASHER LIGHT WITH NARROW BEAM SPREAD LAMP.	LOW-VOLTAGE RECESSED PINHOLE LIGHT WITH NARROW BEAM SPREAD LAMP. (ROUND)	SAME AS TYPE "A1" EXCEPT WITH A 1400 LUMEN EMERGENCY BACK-UP BATTERY W/90 MINUTES OF EMERGENCY BACK-UP.	2'x4', 4-LAMP FLUORESCENT CLEAN-ROOM LAY-IN WITH .125" THICK ACRYLIC LENS.	REMARKS	
ON E PR	FSE COI	_	<del>//\ }</del>		77 BB CS																			

RECESSED PINHOLE LIGHT WITH	-	FIGURE - WOCKIED
M SPREAD LAMP. (ROUND)	0	DOWNLIGHT FIXTURE ON EMERGENCY CIRCUIT
	\$	LIGHT FIXTURE - WALL MOUNTED ON EMERGENCY CIRCUIT
BENEGOED EIIIIY AN IIICTARI F WAII	×	EXIT LIGHT-CEILING MTD WITH DIRECTIONAL ARROWS AS REQUIRED
T WITH NARROW BEAM SPREAD LAMP.	¥	EXIT LIGHT-WALL MTD WITH DIRECTIONAL ARROWS AS REQUIRED
		EMERGENCY LIGHTING UNIT EQUIPMENT
ויוב יטו דאטב זיטיוטטטויוב טביוטייוב	SWITCHES	
INE-VOLIAGE MONOPOINT PENDANT ARROW BEAM SPREAD LAMP.	\$	SINGLE POLE SWITCH
	\$2	2-POLE SWITCH
	\$3	3-WAY SWITCH
OPLASTIC EMERGENCY LIGHTING  MIN. OF BATTERY BACK-UP.	RECEPTAC	RECEPTACLES AND OUTLETS
6" BELOW CLG. UNLESS	Φ	DUPLEX RECEPTACLE
OED.	<b>#</b>	DOUBLE DUPLEX IN 2-GANG BOX WITH SINGLE COVER PLATE
	•	2-GANG
	0	ISOLATED GROUND DUPLEX RECEPTACLE
	9	JUNCTION BOX
INE-VOLTAGE MONOPOINT PENDANT	Ф	DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
	#	DOUBLE DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE WITH SINGLE COVER PLATE
		FLUSH FLOOR JUNCTION BOX
	<b>A</b>	TELEPHONE OUTLET, 1-GANG BOX WITH TELEPHONE (CAT3) WIRING TO TERMINAL BOARD AND RJ11 OUTLET.
RECESSED DOWNLIGHT WITH FLAT	<b>A</b>	TELEPHONE/DATA OUTLET, 1-GANG BOX WITH TELEPHONE (CAT3) AND WIRING WITH RJ11 OUTLET FOR TELEPHONE AND RJ45 OUTLET FOR D
	MOTOR CC	CONTROLLERS AND EQUIPMENT
	Q	MOTOR, MAKE FINAL MOTOR CONNECTION
: IXIT FLUCKESCENI WITH BLUE	모	DISCONNECT SWITCH AS REQUIRED
	₩	MANUAL MOTOR SWITCH AS REQUIRED
	ELECTRICAL	L EQUIPMENT
		277/480 VOLT DISTRIBUTION OR PANELBOARD
	V	120/208 VOLT PANELBOARD
3		TELEPHONE CABINET
OW-PROFILE IS SIRP FLOORESCENI.		PLYWOOD TELEPHONE BACKBOARD
		DRY TYPE TRANSFORMER
	CIRCUITING	
		CONDUIT
		CONDUIT IN/OR BELOW FLOOR, SLAB, OR GRADE
	 	3/4°C. UNLESS OTHERWISE NOTED; LONG HATCH, NEUTRAL; SHORT HATCH, PHASE; "Z" HATCH, INSULATED GROUND. NO HATCHES INDICATES 2 CONDUCTORS. ARROW INDICATES HOMERUN.
	<u></u>	PARTIAL ELECTRICAL HOME RUN
ES ITS OWN COVE WITH TELESCOPING	SUBSCRIPTS	TS AND ABBREVIATIONS
YEN LIGHT DISTRIBUTION.	•	NEXT TO ANY SYMBOL INDICATES FINAL ROUGH-IN FIELD COORDINATION

TERS, DOOR, ACLE FOR DRAINLINE HEATER TO EASILY	GENERAL NOTES:  1. INTERCONNECT CONDUIT AND WIRING FOR ELECTRICAL COMPONENTS INCLUDING LIGHTS, SWITCHES, THERMOMETERS, DOOR, WINDOW, PRESSURE RELIEF PORT HEATERS AND RECEPTACLE FOR D
	TIME CLOCK FOR FREEZER SYSTEM - DIVISION 16 TO MAKE FINAL FREEZER BLOWER COIL CONNECTION THRU TIME CLOCK (LOCATE TIME CLOCK ON EXTERIOR FACE OF WALK-IN NEAR DOOR WITHOUT EXPOSED CONDUIT)  —
	PREWIRE ALL ELECTRICAL COMPONENTS EXCEPT BLOWER COIL TO THIS JUNCTION BOX FOR ONE FINAL CONNECTION BY DIVISION 16
	BUILDING SPRINKLER CONNECTION (NOT BY FSEC)
FOR LIGHT SWITCH & DIGITAL THERMOMETER  HEATED PRESSURE RELIEF PORT ON FREEZERS	THIS CONDITION IS ACCEPTABLE)
FOR DOOR & WINDOW HEATERS	JUNCTION BOX WITH OUTLET FOR DRAINLINE HEATER ON FREEZER (EXPOSED CONDUIT FOR
SECURE COIL WITH NYLON FASTENERS  CONDUIT DOWN THRU WALK-IN TOP  INTO LIGHT FIXTURE BY FSEC	CONDUIT DOWN THRU WALK-IN TOP TO JUNCTION  FOR THIS CONDITION)
WEATHERPROOF	<u>General Note:</u> All exterior building electrical equipment to be weatherproof Nema-3r minimum unless noted otherwise.

SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
LIGHTING (	(LETTER DENOTES TYPE - SEE LIGHT FIXTURE SCHEDULE)
	FLUORESCENT FIXTURE
	FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT
0	DOWNLIGHT FIXTURE
Ъ	LIGHT FIXTURE - WALL MOUNTED
0	DOWNLIGHT FIXTURE ON EMERGENCY CIRCUIT
\$	LIGHT FIXTURE - WALL MOUNTED ON EMERGENCY CIRCUIT
Ø	EXIT LIGHT-CEILING MTD WITH DIRECTIONAL ARROWS AS REQUIRED
¥	EXIT LIGHT-WALL MTD WITH DIRECTIONAL ARROWS AS REQUIRED
44	
SAILCHES	
\$	SINGLE POLE SWITCH
\$2	2-POLE SWITCH
<b>\$</b> 3	3-WAY SWITCH
RECEPTAC	RECEPTACLES AND OUTLETS
Ф	DUPLEX RECEPTACLE
#	DOUBLE DUPLEX IN 2-GANG BOX WITH SINGLE COVER PLATE
•	DOUBLE DUPLEX ISOLATED GROUND IN 2-GANG BOX WITH SINGLE COVER PLATE
0	ISOLATED GROUND DUPLEX RECEPTACLE
0	JUNCTION BOX
Ф	DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
#	DOUBLE DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE IN 2-GANG BOX WITH SINGLE COVER PLATE
	FLUSH FLOOR JUNCTION BOX
<b>A</b>	TELEPHONE OUTLET, 1-GANG BOX WITH TELEPHONE (CAT3) WIRING TO TELEPHONE TERMINAL BOARD AND RJ11 OUTLET.
<b>1</b>	TELEPHONE/DATA OUTLET, 1-GANG BOX WITH TELEPHONE (CAT3) AND DATA (CAT5E) WIRING WITH RJ11 OUTLET FOR TELEPHONE AND RJ45 OUTLET FOR DATA.
MOTOR CO	MOTOR CONTROLLERS AND EQUIPMENT
Ó	MOTOR, MAKE FINAL MOTOR CONNECTION
딘	DISCONNECT SWITCH AS REQUIRED
\$М	MANUAL MOTOR SWITCH AS REQUIRED
ELECTRICAL	IL EQUIPMENT
	277/480 VOLT DISTRIBUTION OR PANELBOARD
1	120/208 VOLT PANELBOARD
	TELEPHONE CABINET
	PLYWOOD TELEPHONE BACKBOARD
Ī	DRY TYPE TRANSFORMER
CIRCUITING	
	CONDUIT
1 1 1	CONDUIT IN/OR BELOW FLOOR, SLAB, OR GRADE
<del>                                      </del>	3/4°C. UNLESS OTHERWISE NOTED; LONG HATCH, NEUTRAL; SHORT HATCH, PHASE; "Z" HATCH, INSULATED GROUND. NO HATCHES INDICATES 2 CONDUCTORS. ARROW INDICATES HOMERUN.
+	PARTIAL ELECTRICAL HOME RUN
SUBSCRIP	SUBSCRIPTS AND ABBREVATIONS
•	NEXT TO ANY SYMBOL INDICATES FINAL ROUGH-IN FIELD COORDINATION BY

REWIRE ALL ELECTRICAL COMPONENTS  XCEPT BLOWER COIL TO THIS JUNCTION BOX FOR  ME FINAL CONNECTION BY DIVISION 16  ME CLOCK FOR FREEZER SYSTEM -  WISION 16 TO MAKE FINAL FREEZER  LOWER COIL CONNECTION THRU TIME  LOCK (LOCATE TIME CLOCK ON EXTERIOR FACE  LOCK (LOCATE TIME CLOCK ON EXTERIOR FACE  LOWER COIL CONNECTION THRU TIME  LOCK (LOCATE TIME CLOCK ON EXTERIOR FACE  LOWER COIL CONNECTION DIVIT AND WIRING FOR ELECTRICAL  COMPONENTS INCLUDING LIGHTS, SWITCHES, THERMOMETERS, DOOR,  WINDOW, PRESSURE RELIEF PORT HEATERS AND RECEPTACLE FOR DRAINLINE HEATER TO EASILY  ACCESSIBLE JUNCTION BOX ON TOP OF WALK-IN.  ALL INTERCONNECTING CONDUIT RUN ABOVE WALK-IN PANELS OR WITHIN THE WALL PANELS -  EXPOSED CONDUIT INSIDE WALK-IN WILL NOT BE ACCEPTABLE EXCEPT FOR THE CONDITIONS  SHOWN AND NOTED IN THE ABOVE ILLUSTRATION  SEAL PENETRATIONS THROUGH CEILING, WALLS AND INSIDE ELECTRICAL CONDUIT OUTSIDE  AND INSIDE WALK-IN WITH DOW CORNING #399A SILICONE GLAZING SEALANT.  PROVIDE 1/2" OD PVC CONDUIT AT ALL PENETRATIONS THRU INSULATED PANELS.	ONDUIT DOWN THRU WALK-IN TOP TO JUNCTION  SECURE COIL WITH NYLON FASTENERS OX ON COIL (EXPOSED CONDUIT ACCEPTABLE  CONDUIT DOWN THRU WALK-IN TOP OR THIS CONDUITON)  SECURE COIL WITH NYLON FASTENERS  CONDUIT DOWN THRU WALK-IN TOP INTO LIGHT FIXTURE BY FSEC  JUNCTION BOX & CONDUIT WITHIN WALL PAY FOR DOOR & WINDOW HEATERS  JUNCTION BOX & CONDUIT WITHIN WALL PAY FOR LIGHT SWITCH & DIGITAL THERMOMETER  HEATED PRESSURE RELIEF  PORT ON FREEZERS  UILDING SPRINKLER  ONNECTION (NOT BY  SEC)
	\\

## SPECIFICATIONS

**YMBOL** 

**LEGEND** 

GENERAL

\* VERIFY ALL DIMENSIONS AT THE JOB SITE AND FROM THE ARCHITECTURAL PLANS.

UNLESS OTHERWISE NOTED, CONTRACTOR AND SUBCONTRACTOR SHALL PAY FOR ALL PERMITS AND CHARGES REQUIRED AND SHALL COMPLY WITH ALL GOVERNING CODES AND ORDINANCES.

ISSUE

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ISSUED FOR PERMIT AND PRICING

VISITING THE SITE: EACH BIDDER SHALL VISIT THE SITE OF THE PROPOSED WORK AND SHALL FULLY INFORM HIMSELF REGARDING THE FACILITIES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR WORK OR MATERIAL OMITTED FROM THE BIDDER'S CONTRACT PROPOSAL DUE TO HIS FAILURE TO SO INFORM HIMSELF BY SUCH INVESTIGATION.

ALL CHANNELING AND PATCHING OF ROOF, FLOOR, CEILING AND WALLS SHALL BE GENERAL CONTRACTOR.

CONTRACTOR TO PROVIDE RECORD DRAWINGS TO OWNER.

CONDUIT: FURNISH AND INSTALL A COMPLETE ELECTRICAL SYSTEM AS INDICATED ON PLANS. ELECTRICAL CONTRACTOR TO MAKE ALL FINAL CONNECTIONS TO ALL EQUIPMENT. MATERIAL SHALL BE AS FOLLOWS:

\* ALL ELECTRICAL CONDUCTORS SHALL BE INSTALLED IN CONDUIT COMPLYING WITH THE NATIONAL ELECTRICAL CODE. WHERE INSTALLED SUBJECT TO STRESS FROM COLLISION OR IMPACT, CONDUIT SHALL BE GALVANIZED RIGID STEEL. WHERE RIGID STEEL CONDUIT IS NOT REQUIRED, CONDUCTORS SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING WITH ELECTRO-GALVANIZING OUT SIDE AND ENAMEL INSIDE. TUBING SHALL BE BY "TRIANGLE" OR AN APPROVED SUBSTITUTION. LIQUID-TIGHT FLEXIBLE METAL CONDUIT SHALL BE USED ONLY FOR CONNECTIONS, OR WHERE MOVEMENT/VIBRATION IS A CONCERN. UNLESS NOTED OTHERWISE FLEXIBLE METAL CONDUIT MAY BE USED ONLY FOR CONNECTION TO LIGHTING FIXTURES, IN LENGTHS NOT TO EXCEED 6 (SIX) FEET. MINIMUM CONDUIT SIZE SHALL BE 1/2 INCH. CONDUIT/CONDUCTOR FILL SHALL CONFIRM TO NATIONAL ELECTRICAL CODE, LATEST EDITION.

CARLON PVC TYPE SCH. 40 HEAVY WALL CONDUIT WITH GROUND WIRE MAY BE USED BELOW FLOOR SLAB OR UNDERGROUND IN LIEU OF RIGID, THREADED, GALVANIZED CONDUIT. PVC SCH. 40 CONDUIT SHALL NOT BE RUN IN OR ABOVE FLOOR SLAB, OR IN TILT WALL PANELS. PVC CONDUIT SHALL TERMINATE BELOW FLOOR SLAB WITH RIGID, THREADED METAL CONDUIT ADAPTER. CONDUIT ABOVE SLAB SHALL BE METAL.

A GROUND CONDUCTOR SHALL BE SUPPLIED IN NONMETALLIC CONDUIT OR E.M.T. UTILIZING SET SCREW TYPE CONNECTORS. THE GROUND CONDUCTOR SHALL BE BARE, STRANDED, ANNEALED COPPER.

CONDUIT TO BE SUPPORTED FROM JOIST. PROVIDED HANGERS, SUPPORTS AND FASTENINGS AS REQUIRED BY NATIONAL ELECTRICAL CODE DO NOT SUPPORT FROM ROOF DECK.

CONDUIT FITTINGS:

\* ALL CONDUIT FITTINGS SHALL BE STEEL, SET SCREW OR COMPRESSION TYPE, INSULATED THROAT, UL LISTED. FITTINGS SHALL BE AS MANUFACTURED BY APPLETON ELECTRIC, OZ GEDNEY CO., ARROW CONDUIT AND FITTINGS CORP., OR EQUAL.

HMRRELL

9575 Katy Frwy., #200 Houston, Texas 77024 tel: 713.722.7071 fax: 713.722.7072

ALL CONDUCTORS SHALL BE COPPER. EACH CONDUCTOR SHALL BE CONTINUOUS, WITHOUT WELD, SPLICE, OR JOINT THROUGHOUT ITS LENGTH, AND UNIFORM IN CROSS-SECTION. WIRE #6 AWG AND LARGER SHALL HAVE TYPE "THWN" INSULATION. WIRE #8 AWG AND SMALLER SHALL HAVE DUAL-RATED TYPE "THHN/THWN" INSULATION. MINIMUM WIRE SIZE, EXCEPT FOR CONTROL WIRING, SHALL BE #12 AWG. ALL WIRING INSIDE LIGHTING FIXTURES SHALL BE TEMPERATURE RATED PER THE N.E.C. - 90 DEGREES C MINIMUM. BRANCH CIRCUIT WIRING WITHIN 3 INCHES OF FLUORESCENT BALLASTS SHALL BE TEMPERATURE RATED FOR 90 DEGREES C.

DATA/TELEPHONE/CATV CABLING: ALL WIRING ABOVE CEILING SHALL BE PLENUM RATED OR INSTALLED IN CONDUIT. CONTRACTOR TO PROVIDE WIRING FROM EACH DEVICE TO PLYWOOD BACKBOARD LOCATED IN KITCHEN.

Holste & Associates, Inc.
Consulting Engineers - Texas Reg. F-5443
6671 Southwest Frwy., Suite 850
Houston, Texas 77074 (713) 995-1351
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CONSULTANTS

DATA CABLE SHALL BE CAT5 OR BETTER.
TELEHONE CABLE SHALL BE CAT3 OR BETTER.
CATV CABLE SHALL BE CO-AX.

WIRING DEVICES:

\* 1. ALL WIRING ALL WIRING DEVICES TO BE 'LEVITON' DECORA SERIES. THIS INCLUDES SWITCHES, DIMMERS, RECEPTACLES, AND TELEPHONE/DATA OUTLETS.
 ALL ISOLATED GROUND RECEPTACLES SHALL BE ORANGE 'IG 5-20R', ALL OTHERS TO BE GREY '5-20R'.
 ALL COVERPLATES TO BE 'LEVITON' DECORA SERIES WITH STAINLESS-STEEL FINISH. (VERIFY EVERY DEVICE AND COVERPLATE FINISH ON THIS PROJECT WITH OWNER.

LIGHTING PANELBOARDS:

PROJECT NAME

120/208V, 3-PHASE' 4-WIRE, 120/240V, 1-PHASE, 3-WIRE OR 277/480V, 3-PHASE, 4-WIRE: FURNISH AND INSTALL AS SHOWN ON PLANS, LIGHTING PANELBOARDS BY SQUARE 'D' TYPE 'NQOD', STYLE "Q", OR EQUAL WITH BOLT ON CIRCUIT BREAKERS OR AN APPROVED SUBSTITUTION. ADDITIONAL BREAKERS FOR EXISTING PANELBOARDS SHALL BE OF TYPE MATCHING THE EXISTING BREAKERS.

2. PROVIDE TYPED DIRECTORY CARDS UNDER PLASTIC ON ALL DOORS OF PANELS.

SAFETY SWITCHES SHALL BE FURNISHED AND INSTALLED AT ALL LOCATIONS INDICATED ON PLANS OR REQUIRED BY THE NATIONAL ELECTRICAL CODE. ALL SWITCHES SHALL BE HEAVY DUTY TYPE AND SHALL HAVE CLIPS FOR REJECTION TYPE FUSES AND SHALL BE BY SQUARE 'D', G.E., OR EQUAL, FOR THE VOLTAGE AND LOAD INVOLVED. PROVIDE A COMPLETE SET OF FUSES IN ALL FUSED SWITCHES. FUSES SHALL BE CLASS AK-1 (BUSSMAN "LOW PEAK") FOR CIRCUITS UP TO 600 AMPS AND CLASS L (BUSSMAN "HI-CAP" KRP-C) FOR CIRCUITS ABOVE 600 AMPS.

PROJECT ADDRESS Cafe Express Restaurant

1111 Eldridge Parkway #100 Houston, Texas 77077

PROJECT NUMBER

ELECTRICAL
DETAILS & SPEC'S

WALK-IN WIRING DIAGRAM
SCALE: NONE

TYPICAL EXIT SIGN LOCATION
SCALE: NOT TO SCALE