


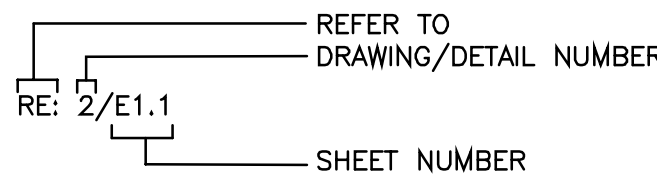


NOTE: ALL SYMBOLS AND ABBREVIATIONS SHOWN ARE NOT
NECESSARILY USED ON THE DRAWINGS

DRAWING/DETAIL REFERENCE

-  SWITCHBOARD OR DISTRIBUTION PANEL
 PANELBOARD - FLUSH OR SURFACE MOUNT AS INDICATED ON PLAN SCHEDULE
 PLYWOOD TERMINAL BOARD, FOR TELEPHONE SYSTEM UNLESS NOTED, 4' X 8' X 3/4" UNLESS OTHERWISE NOTED



ABBREVIATIONS

A	AMPS	L	LENGTH
AC	ABOVE COUNTERTOP	LB	POUNDS
AFF	ABOVE FINISHED FLOOR	LRA	LOCKED ROTOR AMPS
AFG	ABOVE FINISHED GRADE	LTG	LIGHTING
AI	AMPERE INTERRUPTING CURRENT	MAX	MAXIMUM
ATS	AUTOMATIC TRANSFER SWITCH	MCB	MINIMUM CIRCUIT AMPACITY
AWG	AMERICAN WIRE GAUGE	MCB	MAIN CIRCUIT BREAKER
BKR	BREAKER	MH	METAL HALIDE
BLDG	BUILDING	MIN	MINIMUM
C	CONDUIT	MLO	MAIN LUGS ONLY
CKT	CIRCUIT	N/A	NOT APPLICABLE
CLG	CEILING	NEMA	NATIONAL ELECTRICAL CODE
D	DEPTH	NEMA	NATIONAL ELECTRICAL
DEG	DEGREES	NFPA	MANUFACTURER'S ASSOCIATION
DIS	DISCONNECT	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
DPDT	DOUBLE-POLE, DOUBLE-THROW	NO.	NUMBER
DPST	DOUBLE-POLE, SINGLE-THROW	N/O,N/C	NORMALLY OPEN, NORMALLY CLOSED
EA	EACH	OC	ON CENTER
EPO	EMERGENCY POWER OFF	OSHA	OCCUPATIONAL SAFETY AND HEALTH
EW	ELECTRIC WATER COOLER		ADMINISTRATION
FA	FIRE ALARM	PDU	POWER DISTRIBUTION UNIT
FAC	FIRE ALARM CONTROL PANEL	PF	POWER FACTOR
FLA	FULL LOAD AMPS	PH	PHASE
FT	FOOT, FEET	PROVIDE	FURNISH AND INSTALL
FMNR	FULL-VOLTAGE, NON-REVERSING	PVC	POLYVINYL CHLORIDE
G	GROUND	REF	REFERENCE, REFER
GA	GAUGE	R/LA	RUNNING LOAD AMPS
GF	GROUND FAULT CIRCUIT	SPDT	SINGLE POLE DOUBLE THROW
	INTERRUPTER	SPST	SINGLE POLE SINGLE THROW
GFR	GROUND FAULT RELAY	THRU	THROUGH
GND	GROUND	TP	TYPICAL
GRS	GALVANIZED RIGID STEEL	UNDERFLR	UNDER FLOOR
H	HEIGHT	U/F	UNDERGROUND
HD	HIGH INTENSITY DISCHARGE	U/S	UNDERSLAB
HOA	HAND-OFF-AUTOMATIC	UL	UNDERWRITERS LABORATORIES, INC.
HP	HORSEPOWER	U.O.N.	UNLESS OTHERWISE NOTED
HPS	HIGH PRESSURE SODIUM	UPS	UNINTERRUPTIBLE POWER SUPPLY
HVAC	HEATING, VENTILATING AND AIR CONDITIONING	V	VOLT
		VA	VOLT-AMPERE
HZ	HERTZ	VAC	VOLTS ALTERNATING CURRENT
IER	INTEGRATED EQUIPMENT RATING		WATT, WIDTH
IG	ISOLATED GROUND	W/	WITH
IN	INCH, INCHES	W/O	WITHOUT
J-BOX	JUNCTION BOX	WP	WEATHERPROOF DEVICE. RECEPTACLES SHALL BE WEATHER-RESISTANT TYPE (F)
kcmil	1000 CIRCULAR MILS		RECEPTACLES IN WEATHERPROOF WHILE IN-USE BOX.
kV	KILOVOLT-AMPS		
kVAR	KILOVOLT-AMPS REACTIVE		
kW	KILOWATT		
kWH	KILOWATT-HOUR	XFMR	TRANSFORMER

GENERAL NOTES APPLY TO ALL DEVICES:

1. ALL DEVICES USED TO SUPPORT SPECIFIC EQUIPMENT PROVIDED BY OTHERS ARE TO BE COORDINATED WITH PROVIDER OF EQUIPMENT FOR NEMA PLUG CONFIGURATION AND WIRING.

TOGGLE AND DIMMER SWITCHES:
- 48" AFF TO CENTER OF SWITCH

RECEPTACLES:

RECEPTACLES:

- FINISHED AREAS-18" AFF TO CENTER OF RECEPTACLE
- UNFINISHED AREAS-48" AFF TO CENTER OF RECEPTACLE
- WATER COOLERS-DIRECTLY BEHIND COOLER - COORDINATE ELEVATION. COOLER TO BE INSTALLED PRIOR TO ROUGH-IN
- ABOVE COUNTER-6" ABOVE COUNTER/BACKSPLASH TO CENTER OF RECEPTACLE

DATA OUTLETS:

- FINISHED AREAS-18" AFF TO CENTER OF OUTLET
- UNFINISHED AREAS-48" AFF TO CENTER OF OUTLET
- ABOVE COUNTER-6" ABOVE COUNTER/BACKSPLASH TO CENTER OF OUTLET








TELEPHONE OUTLETS:

- FINISHED AREAS-18" AFF TO CENTER OF OUTLET
- UNFINISHED AREAS-48" AFF TO CENTER OF OUTLET
- WALL MOUNTED TELEPHONES-48" AFF TO CENTER OF OUTLET
- ABOVE COUNTER-6" ABOVE COUNTER/BACKSPLASH TO CENTER OF OUTLET

WALL MOUNTED EMERGENCY LIGHTING FIXTURES:

- 84" AFF TO CENTER OF FIXTURE
- CENTERED 3" ABOVE TOP OF DOOR FRAME TO BOTTOM OF FIXTURE WHERE MOUNTED ABOVE DOOR

① DRAWING NOTE REFERENCE (I.E. NOTES BY SYMBOL)

- | | |
|---|--|
|  | DRAWING NOTE REFERENCE (I.E. NOTES BY SYMBOL) |
|  | CONNECTION INTO EXISTING |
|  | JUNCTION BOX, A RECESSED SINGLE GANG BOX, BLANK COVERPLATE, WITH 3/4" C. STUBBED UP TO 4" ABOVE CEILING. |
|  | TELEPHONE OR DATA OUTLET (SINGLE PORT) A RECESSED SINGLE GANG JUNCTION BOX, BLANK COVERPLATE, WITH 1" C. STUBBED UP TO 4" ABOVE CEILING. |
|  | DATA OUTLET (MULTI PORT) ADJACENT NUMBER INDICATES QUANTITIES. A SINGLE OR DOUBLE GANG JUNCTION BOX AS APPROPRIATE FOR NUMBER OF PORTS, BLANK COVERPLATE, MULTIPLE 1" C.'S STUBBED UP TO 4" ABOVE CEILING. |
|  | EXISTING SINGLE DATA OUTLET TO REMAIN. NUMBER ADJACENT INDICATES NUMBER OF PORTS WHERE KNOWN. EC INDICATES BLANK COVERPLATE. |
|  | CARD READER, A SINGLE GANG JUNCTION BOX, BLANK COVERPLATE, WITH 3/4" C. STUBBED UP TO 4" ABOVE CEILING. |

THE CONTRACTOR SHALL EMPLOY A FIRE ALARM PLANNING SUPERINTENDENT, CERTIFIED BY THE STATE FIRE MARSHAL'S OFFICE, TO DESIGN AND INSTALL A FIRE ALARM SYSTEM.

THE FIRE ALARM PLANNING SUPERINTENDENT SHALL PREPARE PERMIT DOCUMENTS, USING EXACT DEVICES TO BE PROVIDED BY THE MANUFACTURER, AND SHALL BE RESPONSIBLE TO INSURE THAT THE DESIGN MEETS ALL OF THE REQUIREMENTS OF NFPA, ADA, NEC, ALL LOCAL CODES AND AMENDMENTS, AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.

MODIFICATION TO THE EXISTING FIRE ALARM TO ACCOMMODATE THE NEW FACILITY AND THE RENOVATED AREAS WITHIN THE EXISTING FACILITY. WHERE NEW EQUIPMENT MUST BE ADDED IT SHALL BE NON-PROPRIETARY PER CITY OF MANSFIELD REQUIREMENTS

CITY OF MANSFIELD FIRE DEPARTMENT ALLOWS KNOX 3502 KEY SWITCH FOR SHUNT TRIPPING THE MAIN ELECTRICAL SERVICE. CONSTRUCTION DRAWINGS INDICATES MAIN SERVICE RATED DISCONNECT SWITCH. IF THE CONTRACTOR DESIRES TO UTILIZE THE KNOX BOX 3502 KEY SWITCH INSTALL PER MANUFACTURERS RECOMMENDATIONS.

PRIMARY CODES:	2017 NEC/2023 NEC PER STATE OF TEXAS ADOPTION.
ELECTRICAL:	2021 INTERNATIONAL ENERGY CODE (WITH CITY AMENDMENTS).
ENERGY:	
FIRE:	2021 INTERNATIONAL FIRE CODE (WITH CITY AMENDMENTS).
BUILDING:	2021 INTERNATIONAL BUILDING CODE (WITH CITY AMENDMENTS).
ACCESSIBILITY:	AMERICAN'S WITH DISABILITIES ACT (ADA); TEXAS ACCESSIBILITY STANDARDS (TAS); TEXAS DEPARTMENT OF LICENSING AND REGULATION (TDLR)

ARCHITECTURE
SCOTT MARTSOLF - ARCHITECT

815 Daggett Avenue
Fort Worth, Texas 76104

Phone: (817) 820-0005

ST. JUDE
CATHOLIC
CHURCH

PARISH HALL REMODEL & CONNECTOR

500 E DALLAS ST.
MANSFIELD, TX 76063

3 03/28/2024 REVISION 3 - CITY COMMENTS

PERMIT SET

Drawing Title:

ELECTRICAL LEGEND

Project No.

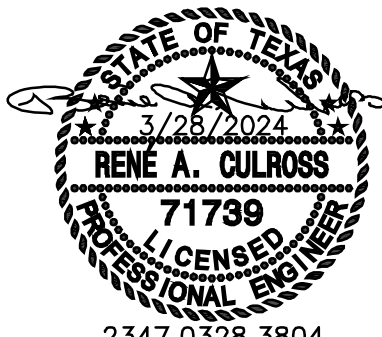
2307

Date:

Sheet No.

EO.1

MEP Consultant
Rene' A. Culross
Rene' A. Culross, P.E., PLLC
1820 Hunting Green Drive
Fort Worth, TX 76134
817-798-6642
raculross@gmail.com
F-12230



2347.0328.3804