

ELECTRICAL SYMBOLS

BRANCH CIRCUIT HOMERUN TO PANEL "A", CIRCUIT #3 AND #5.
PROVIDE THE PROPER QUANTITY OF 12 AWG CONDUCTORS FOR
THE CIRCUIT(S) INDICATED. A SEPARATE GROUNDING
CONDUCTOR IS REQUIRED FOR ALL BRANCH CIRCUITS.

SINGLE POLE SWITCH - MOUNTING AT 48" A.F.F.

LOW VOLTAGE BUILDING OVERRIDE SWITCH - SEE PLANS FOR ADDITIONAL DETAILS

PHOTOCELL - MOUNTING AS NOTED ON PLAN

M OCCUPANCY SENSOR SWITCH WITH OVERRIDE SWITCH - WALL MOUNTED AT 48" A.F.F. OR AS NOTED

T LIGHT FIXTURE TYPE 'A'

 O^B - LIGHT FIXTURE TYPE 'B'

OC LIGHT FIXTURE, WALL MOUNTED TYPE 'C'

LIGHT FIXTURE ON EMERGENCY BRANCH CIRCUIT

EXIT SIGN - WALL MOUNTED ABOVE DOOR OR AT 7'-6" A.F.F. UNLESS OTHERWISE NOTED

DUPLEX RECEPTACLE - MOUNTING AT 18" A.F.F.

TWO DUPLEX RECEPTACLES MOUNTED IN A 2-GANG BOX AT 18" A.F.F. UNLESS OTHERWISE NOTED

 Φ^{36} DUPLEX RECEPTACLE - INDICATES MOUNTING AT 36" A.F.F.

DUPLEX RECEPTACLE - GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE

 $oldsymbol{\Phi}^{\mathsf{TV}}$ DUPLEX RECEPTACLE - MOUNTED AT 84" A.F.F. FOR TELEVISION

MP GFCI TYPE DUPLEX RECEPTACLE IN WEATHERPROOF ENCLOSURE

USB RECEPTACLE WITH (4) FOUR USB OUTLETS ONLY - TO BE

HUBBELL #USB4 OR EQUAL BY LEVITON

JUNCTION BOX - MOUNTING HEIGHT AND SIZE AS REQUIRED

PANELBOARD - 0 TO 150 VOLTS TO GROUND

PANELBOARD - 151 TO 600 VOLTS TO GROUND

DISTRIBUTION PANEL - 151 TO 600 VOLTS TO GROUND

TRANSFORMER

1 60/3 UNFUSED DISCONNECT SWITCH - "60/3" INDICATES 60 AMPERE SWITCH RATING AND POLES

60/3 FUSED DISCONNECT SMITCH - "60/3" INDICATES 60 AMPERE 50 SMITCH RATING AND POLES / "50" INDICATES 50 AMPERE FUSE

▼ DATA OUTLET - MOUNTING AT 18" A.F.F. PROVIDE (I) CAT6

CABLE IN 3/4" CONDUIT BACK TO SERVER ROOM.

60 FIRE ALARM DUCT SMOKE DETECTOR

TS PRINKLER SYSTEM TAMPER SWITCH/FLOW SWITCH

WEATHERPROOF HOUSING - MOUNTED AT 80" A.F.F.

FIRE ALARM SMOKE DETECTOR, CEILING MOUNTED

FACP FIRE ALARM CONTROL PANEL

APP MUSHROOM HEAD PUSHBUTTON OPERATOR - MOUNTING AT 48"

CR ACCESS CONTROL SYSTEM CARD READER - SEE TYPICAL

SECURE DOOR DETAIL FOR SECURE DOOR REQUIREMENTS

CLOSED CIRCUIT TELEVISION CAMERA FURNISHED BY LAKELAND CC - MOUNTING AT 80" A.F.F. PROVIDE 3/4" CONDUIT WITH CAT6 CABLE FROM SERVER ROOM TO LOCATIONS INDICATED.

CLOSED CIRCUIT TELEVISION CAMERA FURNISHED BY LAKELAND CC - CEILING MOUNTED. PROVIDE 3/4" CONDUIT WITH CAT6 CABLE FROM SERVER ROOM TO LOCATIONS INDICATED.

WIRELESS ACCESS POINT PROVIDED BY LAKETRAN - PROVIDE (2) TWO CAT6 CABLES WITH 15' SERVICE LOOPS FROM SERVER ROOM TO LOCATION INDICATED.

PLAN NOTE TAG, REFER TO PLANS FOR DESCRIPTION

AH-3 INDICATES POWER CONNECTION TO AIR HANDLER #3-REFER TO EQUIPMENT CONNECTION SCHEDULES FOR REQUIREMENTS

A.F.F. ABOVE FINISHED FLOOR

WP WEATHERPROOF

U.O.N. UNLESS OTHERWISE NOTED

ONE-LINE DIAGRAM REPRESENTATION OF A MOLDED CASE)60/3 CIRCUIT BREAKER - "60/3" INDICATES 60 AMPERE CIRCUIT BREAKER RATING AND POLES

ONE-LINE DIAGRAM REPRESENTATION OF A TRANSFORMER, SIZE AS NOTED

M ONE-LINE DIAGRAM REPRESENTATION OF A METER



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DISCIPLINE

ELECTRICAL

SHEET NAME

E-1

SHEET OF

TIMOTHY

POOL

E-59700

CISTERE

S/ONAL

8/5/1