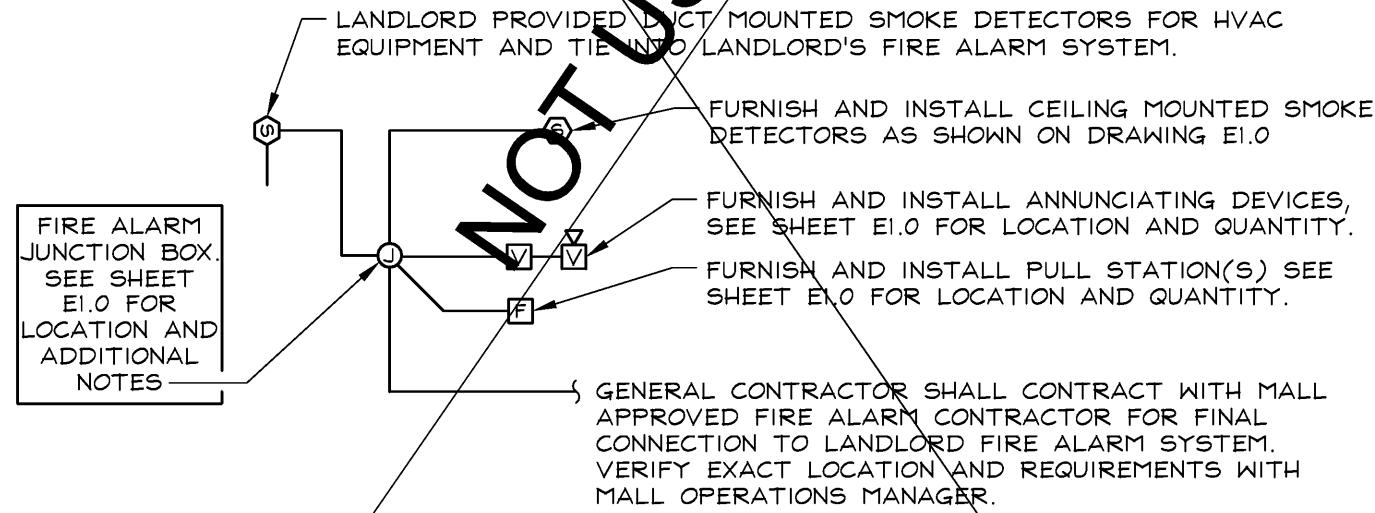


SYMBOL	DESCRIPTION	MOUNTING HEIGHT TO CENTERLINE UNLESS NOTED OTHERWISE
F	FIRE ALARM MANUAL PULL STATION	48"
V	FIRE ALARM AUDIO/VISUAL SIGNAL DEVICE	80"
V	FIRE ALARM VISUAL SIGNAL DEVICE	80"
V	FIRE ALARM AUDIO SIGNAL DEVICE	80"
S	FIRE ALARM SPEAKER/VISUAL SIGNAL DEVICE	80"
S	FIRE ALARM SPEAKER SIGNAL DEVICE	80"
M	MAGNETIC DOOR HOLDER VIA FIRE ALARM SYSTEM	48"
FACH	FIRE ALARM CONTROL PANEL	AS REQUIRED
FAAD	FIRE ALARM REMOTE ANNUNCIATOR PANEL	AS REQUIRED
FABP	FIRE ALARM BOOSTER PANEL	AS REQUIRED
J	FIRE ALARM JUNCTION BOX	AS REQUIRED
D	FIRE ALARM DUCT MOUNTED SMOKE DETECTOR	---
A	REMOTE ALARM/TEST SWITCH FOR DUCT DETECTOR	AS REQUIRED
D	CEILING MOUNTED SMOKE DETECTOR	---
W	FIRE ALARM WATER FLOW SWITCH	AS REQUIRED
T	FIRE ALARM TAMPER SWITCH	AS REQUIRED
R	FIRE ALARM RELAY	AS REQUIRED
D	DIGITAL COMMUNICATOR	AS REQUIRED
(E)	EXISTING	---
(R)	RELOCATED	---
(C)	CEILING MOUNTED	---



FIRE ALARM RISER NOTES:

- SEE SHEET E1.0 FOR ACTUAL NUMBER OF DEVICES, AND ADDITIONAL NOTES.
- ALL MATERIALS SHALL BE NEW AND BEAR UL LABELS.
- SUPPLY SHOP DRAWINGS FOR FIRE ALARM SYSTEM TO LOCAL AUTHORITY FOR APPROVAL PRIOR TO INSTALLATION.
- FURNISH AND INSTALL ALL LABOR AND MATERIALS REQUIRED FOR A COMPLETE INSTALLATION AS INDICATED.
- ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF NEC, NFPA, STATE AND LOCAL CODES.

FIRE ALARM SEQUENCE OF OPERATION:

- UPON ALARM SIGNAL FROM ANY INITIATING DEVICE THE FIRE ALARM J-BOX AT TENANT'S SPACE SHALL:
 - INITIATE AN ALARM SIGNAL AT TENANT'S J-BOX AND LANDLORD'S MAIN FIRE ALARM SYSTEM.
 - SHUT DOWN TENANT'S HVAC SYSTEM (IF APPLICABLE).
 - INITIATE MALL'S AND TENANT'S HORN/STROBES.
 - ACTIVATE THE TENANT ZONE SMOKE CONTROL EXHAUST SYSTEM AND THE MALL OUTSIDE AIR SUPPLY. (IF APPLICABLE).
 - NOTIFY LOCAL FIRE DEPARTMENT OF FIRE EMERGENCY LOCATION.

FIRE ALARM RISER DIAGRAM AND NOTES

RISER DIAGRAM GENERAL NOTES:

- HVAC CIRCUIT BREAKERS TO BE "HACR" TYPE WHERE REQUIRED BY EQUIPMENT NAMEPLATE PER N.E.C.
- BALANCE ALL PANELS AND ELECTRICAL EQUIPMENT, UNDER LOAD CONDITIONS, TO $\pm 7\%$ BETWEEN PHASES: A/B, B/C, C/A REGARDLESS OF CIRCUITING INDICATED. PROVIDE BALANCE SHEET TO CONSTRUCTION MANAGER AT PUNCHLIST.
- PROPER CLEARANCE MUST BE MAINTAINED ABOUT ELECTRICAL EQUIPMENT PER N.E.C. FIELD VERIFY EXACT MOUNTING SPACE AVAILABLE IN ELECTRICAL ROOM/AREA PRIOR TO INSTALLATION OF ELECTRICAL EQUIPMENT.
- MAKE ALL FINAL ELECTRICAL CONNECTIONS FOR A COMPLETE ELECTRICAL DISTRIBUTION SYSTEM.
- ALL CONNECTIONS TO LANDLORD'S SERVICE EQUIPMENT SHALL BE AS DIRECTED BY LANDLORD'S SITE REPRESENTATIVE. TENANT GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TERMINATION EXPENSES.
- SYSTEM SHALL BE GROUNDED TO THE MAIN BUILDING'S GROUNDING SYSTEM.
- DISCONNECT SWITCHES AND PANELS SHALL BE INSTALLED ON PLYWOOD BACKERBOARDS.
- TENANT CONTRACTOR MUST VERIFY ELECTRICAL SERVICE, SUB-FEED WIRING AND PANELS PRIOR TO START OF TENANT'S ELECTRICAL WORK.

MECHANICAL FEEDER/CONNECTION SCHEDULE

MECHANICAL FEEDER/CONNECTION SCHEDULE

ITEM	VOLTAGE	HP	KW	M.C.A.	FEEDERS		TYPE OF CONN	BRANCH BREAKER	REMARKS
					WIRE	COND			

NOTE:
1. LANDLORD PROVIDED DISCONNECT WITH UNIT.
2. DISCONNECT IS TO BE FURNISHED AND INSTALLED BY GENERAL CONTRACTOR (COORDINATE WITH SUB-CONTRACTORS, FOR INSTALLATION).

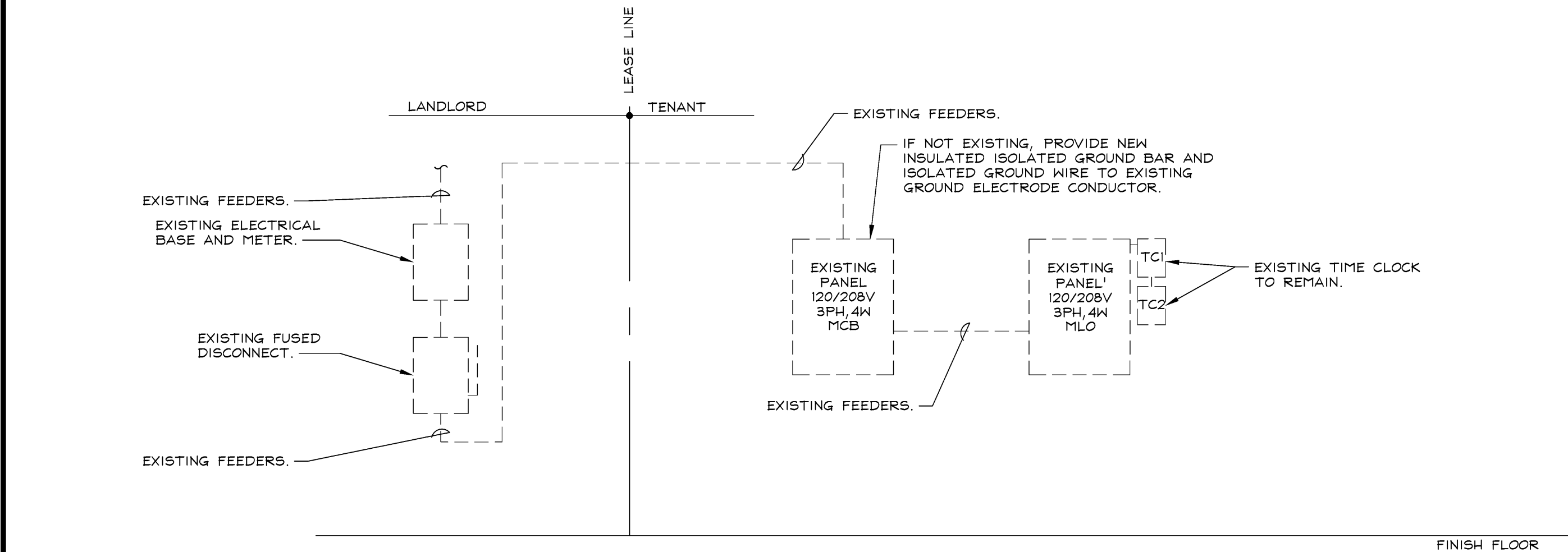
FIELD VERIFY ALL CONDITIONS

DESIGN DRAWINGS ARE SCHEMATIC. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.

THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR TENANT PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR TENANT AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT THE CONTRACTORS COST.

BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES, THE PLANS AND SPECIFICATIONS NOT WITHSTANDING. THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR TENANT OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

VERIFY ALL REQUIREMENTS WITH LANDLORD AND LOCAL POWER COMPANY PRIOR TO BID. INCLUDE IN BID THE COST OF ALL WORK REQUIRED FOR A FULLY OPERATIONAL ELECTRICAL SERVICE SYSTEM INCLUDING BUT NOT LIMITED TO AIC RATINGS, FEEDER SIZE, METER REQUIREMENTS, UPGRADE OF LANDLORD'S EQUIPMENT, CONDUIT, ETC.



ELECTRICAL RISER AND NOTES

- TENANT GENERAL CONTRACTOR SHALL MAKE APPLICATION TO THE (MALL/LOCAL UTILITY) FOR AN ELECTRIC METER AND A METERED ELECTRIC SERVICE IN THE TENANT'S NAME. TENANT GENERAL CONTRACTOR SHALL CONFIRM ALL LOCAL UTILITY GUIDELINES AND REQUIREMENTS PRIOR TO BID. SHALL INCLUDE THE COSTS OF THESE REQUIREMENTS IN THE BID, AND SHALL COMPLY WITH THEM DURING CONSTRUCTION.
- APPLICATION FOR A TEMPORARY ELECTRIC METER AND CONVERSION TO A PERMANENT ELECTRIC METER SHALL BE SUBMITTED TO THE UTILITY UPON AWARD OF CONTRACT. INSTALLATION AND PROVISIONS FOR SAME SHALL COMMENCE WITHIN THE FIRST WEEK OF CONSTRUCTION.
- ALL EXISTING FEEDER SIZES, OVERCURRENT PROTECTION DEVICES, ETC. NOTED ON THE ONE LINE DIAGRAM AND ALL EXISTING PANEL RATINGS INDICATED ON THE PANEL SCHEDULES ARE THE MINIMUM SIZES REQUIRED. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BID. IF THE EXISTING INSTALLATION DOES NOT MEET THE MINIMUM CRITERIA NOTED ON THE ONE LINE DIAGRAM AND WITHIN THE PANEL SCHEDULES, THE ELECTRICAL CONTRACTOR SHALL MAKE ALL NECESSARY MODIFICATIONS TO BRING THE EXISTING INSTALLATION INTO COMPLIANCE WITH THE MINIMUM SIZES AND/OR RATINGS INDICATED THEREIN AND INCLUDE THE COST OF ANY REQUIRED MODIFICATIONS IN THE INITIAL BID. POST-BID ADDITIONAL COSTS RESULTING FROM AN EXISTING INSTALLATION THAT DOES NOT MEET THE MINIMUM CRITERIA INDICATED WILL NOT BE PERMITTED. IF THE EXISTING INSTALLATION MEETS OR EXCEEDS THE MINIMUM CRITERIA INDICATED, MODIFICATIONS OF THE EXISTING INSTALLATION ARE NOT REQUIRED.
- IF POSSIBLE, THE NEW ISOLATED GROUNDING CONDUCTOR SHALL BE PULLED THROUGH THE EXISTING CONDUIT WITHOUT REMOVING THE EXISTING CIRCUIT CONDUCTORS. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO DETERMINE THE FEASIBILITY OF PULLING THE NEW ISOLATED GROUNDING CONDUCTOR THROUGH THE EXISTING CONDUIT PRIOR TO BID. IF PULLING THE NEW ISOLATED GROUNDING CONDUCTOR THROUGH THE EXISTING CONDUIT IS NOT FEASIBLE, THE ELECTRICAL CONTRACTOR SHALL REMOVE THE EXISTING CIRCUIT CONDUCTORS AND PULL THEM BACK THROUGH WITH THE NEW ISOLATED GROUNDING CONDUCTOR. ANY EXISTING CIRCUIT CONDUCTORS DAMAGED IN THE REMOVAL PROCESS (BROKEN STRANDS, NICKED INSULATION, ETC.) SHALL BE REPLACED WITH AN EQUIVALENT CONDUCTOR.

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Soma

STORE NO:
5062

PROJECT LOCATION:
MIROMAR OUTLETS
10801 CORKSCREW ROAD
ESTERO, FL 33928
SPACE #: 407

DESIGN TYPE:

REVISIONS:

REQUIRED BY: DATE:

* INDICATES NO REVISION TO THIS SHEET

DRAWN BY: JME
CHECKED BY: GRS

ELITE CONSTRUCTION GROUP
LAKE JACKSON, TX
PHONE: 979-285-0712
NOTE: THESE PRINTS HAVE BEEN REDUCED
BY 50 PERCENT. SCALE WILL BE 50 PERCENT
OF WHAT IS NOTED ON PLANS 28403

DRAWING TITLE:
**ELECTRICAL
PANEL
SCHEDULES &
RISER DIAGRAM**

DATE ISSUED:
06/06/2017

PROJECT NO:
034138.000

DRAWING NO:

E4.0

J