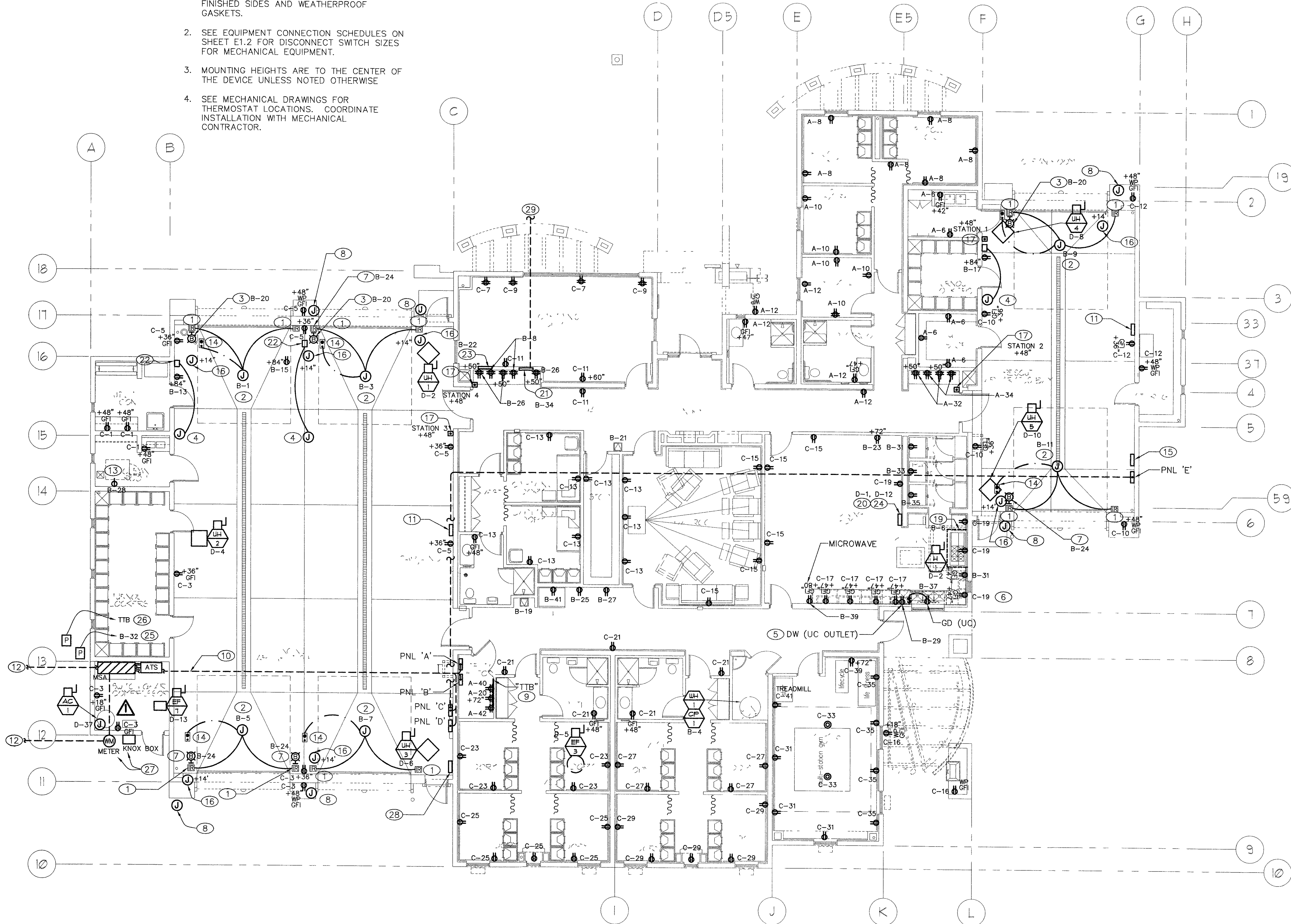


GENERAL PLAN NOTES

- ALL EXPOSED JUNCTION BOXES UP TO 5'-0" AFF IN THE APPARATUS BAYS SHALL BE HANDY-BOXES EQUAL TO THOMAS & BETTS OUTDOOR BOXES FOR EXTERIOR USE, WITH FINISHED SIDES AND WEATHERPROOF GASKETS.
- SEE EQUIPMENT CONNECTION SCHEDULES ON SHEET E1.2 FOR DISCONNECT SWITCH SIZES FOR MECHANICAL EQUIPMENT.
- MOUNTING HEIGHTS ARE TO THE CENTER OF THE DEVICE UNLESS NOTED OTHERWISE
- SEE MECHANICAL DRAWINGS FOR THERMOSTAT LOCATIONS. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR.
- ALL WIRE AND CONDUIT FROM ELECTRICAL DEVICES SHOWN ON THIS SHEET SHALL BE (2) #12, (1) #12 GND IN 1/2" EMT, UNLESS NOTED OTHERWISE.



ELECTRICAL POWER PLAN

Scale: 1/8" = 1'-0"

Project North

NEW ARCHITECTURAL BACKGROUND

KEYED PLAN NOTES

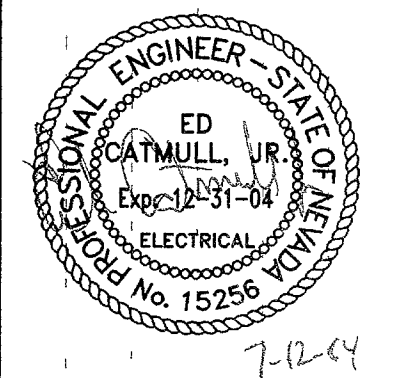
- PROVIDE INFRARED BEAM DETECTOR AT DOOR OPENING. INTERLOCK WITH MOTOR SO THAT WHEN BEAM IS INTERRUPTED AT 3'-0", THE DOOR MOTOR WILL REVERSE. CONTRACTOR SHALL PROVIDE A BEAM DETECTOR COMPATIBLE WITH THE DOOR CONTROLLER AND HARDWARE.
- CONNECT TO OVERHEAD DOOR MOTOR AND CONTROLLER. PROVIDE ALL NECESSARY DEVICES (INCLUDING STARTER, WIRING, ETC.) AS REQUIRED TO FURNISH A COMPLETE OPERATING SYSTEM. SEE OVERHEAD DOOR SPECIFICATION.
- PROVIDE "LINTERN" TWO-HEADED SIGNAL LIGHT, BY LINTERN CORP. OF MENTOR, OH, 1-800-321-3638. DEVICE SHALL BE A SAFETY SIGNAL WITH RED AND GREEN LENSES AND HALF-ROUND LENS GUARDS.
- PROVIDE J-BOX FOR BATTERY CHARGER. COORDINATE CEILING BOX LOCATION WITH OWNER. SEE DETAIL ON SHEET E6.2.
- PROVIDE DEDICATED RECEPTACLE FOR DISHWASHER.
- PROVIDE DEDICATED RECEPTACLE FOR GARBAGE DISPOSER.
- CONNECT ROTATING RED BEACON TO BAY DOOR OPENER SO THAT BEACON OPERATES WHILE DOOR IS OPENING AND STOPS WHEN DOOR IS FULLY OPEN. MOUNT AT 84" AFF. BEACON SHALL BE TOMAR ELECTRONICS "MICROSTROBE IV", MODEL NO. 4905-120.
- PROVIDE J-BOX AT 12'-0" AFF FOR REMOTE CONTROL.
- TELEPHONE TERMINAL BOARD SHALL BE FIRE-RETARDANT PLYWOOD, 3/4" THICK, SIZED TO COVER THE ENTIRE WALL. PROVIDE NO. 6 AWG COPPER GROUND. VERIFY REQUIREMENTS WITH SPRINT.
- UNDERGROUND FEEDERS SHALL BE INSTALLED PARALLEL TO BUILDING LINES AS SHOWN. SEE SINGLE LINE DIAGRAM FOR CONDUIT AND WIRE SIZES. SEE SHEET C-ES.1 ALSO.
- LOCATION OF PLYMOVENT PANEL. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE INSTALLATION AND CONNECTIONS WITH VENDOR. ALL CONDUIT PENETRATIONS MUST BE IN THE BOTTOM OF THE PLYMOVENT PANEL.
- SEE CIVIL PLANS FOR CONTINUATION, AND REFER TO SINGLE LINE DIAGRAM ON SHEET E1.2 FOR WIRE AND CONDUIT SIZES.
- PROVIDE NEMA 6-20 RECEPTACLE FOR EXTRACTOR, OR AS REQUIRED. VERIFY RECEPTACLE PRIOR TO INSTALLATION.
- PROVIDE MANUAL OPEN/STOP/CLOSE PUSHBUTTON FOR OVERHEAD DOOR, MOUNTED AT 48" AFF. COORDINATE REQUIREMENTS WITH VENDOR.
- LOCATION OF VEEDER-ROOT TANK MONITOR PANEL (FURNISHED BY OWNER).
- PROVIDE J-BOX FOR OVERHEAD DOOR PRESSURE SENSOR. COORDINATE INSTALLATION WITH VENDOR.
- TRAFFIC CONTROL PUSHBUTTON TO BE FURNISHED BY OWNER, INSTALLED BY CONTRACTOR. SEE SHEET C-10 FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL COORDINATE LOCATIONS OF UNDERCOUNTER RECEPTACLES WITH THE CABINET PARTITIONS.
- LOCATION OF EXHAUST HOOD. VERIFY WITH ARCHITECT. SEE DIAGRAM ON SHEET E1.3.
- LOCATION OF ANSUL SYSTEM PULL SWITCH. CONNECT AS REQUIRED TO ANSUL SYSTEM.
- LOCATION OF FLUSH MOUNTED TRAFFIC SIGNAL CONTROLLER CABINET. SEE SHEET C-10. PROVIDE (3) #10 IN 2" C TO CIRCUIT B-34.
- LOCATION OF BATTERY CHARGER AND RECEPTACLE. SEE DETAIL ON SHEET E6.2.
- PROVIDE (2) DUPLEX RECEPTACLES IN 24" X 24" X 6" ALARM J-BOX FOR POWER TO SPEAKER TIMERS.
- LOCATION OF ANSUL SYSTEM CONTROL PANEL. SEE DETAIL ON SHEET 1.3.
- PROVIDE PULLBOX FOR IRRIGATION CONTROLLER POWER. PROVIDE (3) #10, 3/4" C TO CIRCUIT B-32. COORDINATE EXACT LOCATION WITH OWNER.
- PROVIDE PULLBOX FOR IRRIGATION PHONE CONNECTION. PROVIDE 1" C.O TO TT.B. COORDINATE EXACT LOCATION WITH OWNER.
- LOCATE REMOTE METER AND KNOX BOX ON THIS WALL. COORDINATE WITH NEVADA POWER.
- LOCATION OF GENERATOR REMOTE ANNUNCIATOR PANEL.
- (2) 2" CONDUIT TO NO. 5 PULLBOX FOR SIGNALS. SEE SHEET C-10 FOR CONTINUATION.



REVISIONS
DATE BY COMMENTS
1/12/04 BLDG. DEPT. COMMENTS
2/12/04 FINAL COORDINATION
3/12/04 OWNER CHANGES
4/12/04 OWNER CHANGES

COMFORT ENGINEERING
MECHANICAL - ELECTRICAL - PLUMBING
2550 SOUTH BURNING WOOD DRIVE, SUITE 100
LAS VEGAS, NV 89111
TEL: (702) 597-5887 FAX: 597-1076

CITY OF LAS VEGAS, NEVADA
FIRE STATION #8
ELECTRICAL POWER PLAN



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE: (702) 229-5535
FAX: (702) 382-3232
TDD: (702) 386-9108

DRAWN: DGN
FILE:
DATE: 4/3/04
SCALE: 1/8" = 1'-0"
SHEET NO: 041534104
ELEVATION NO: 630-101

E3.1

83335