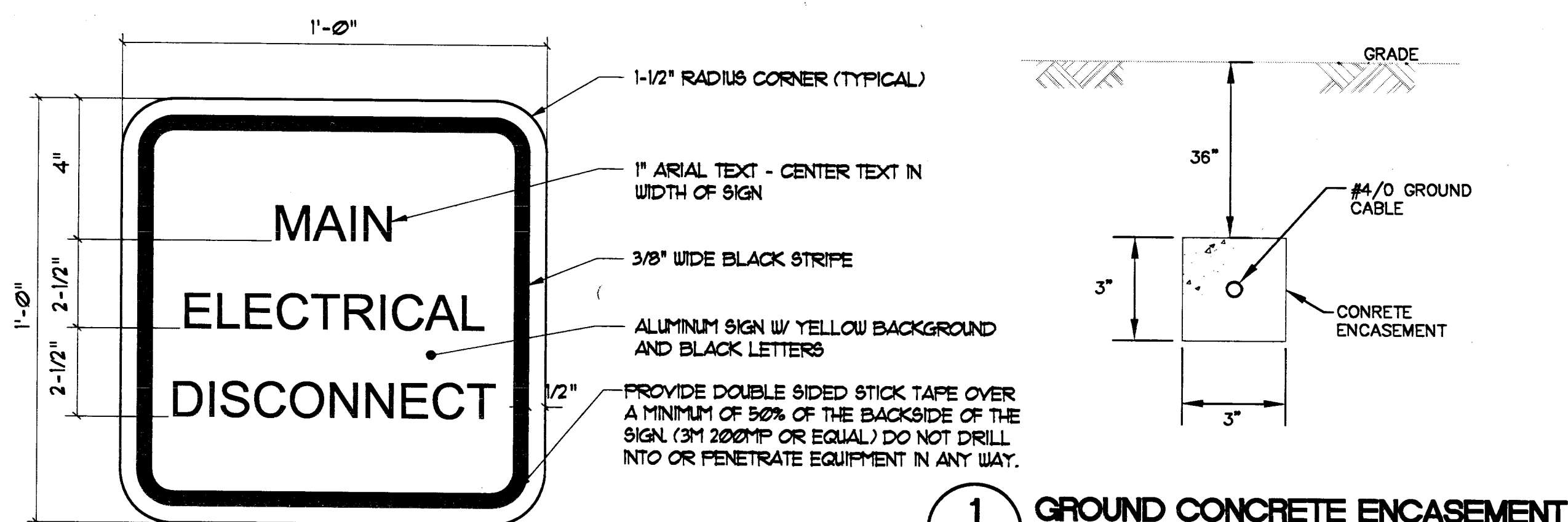
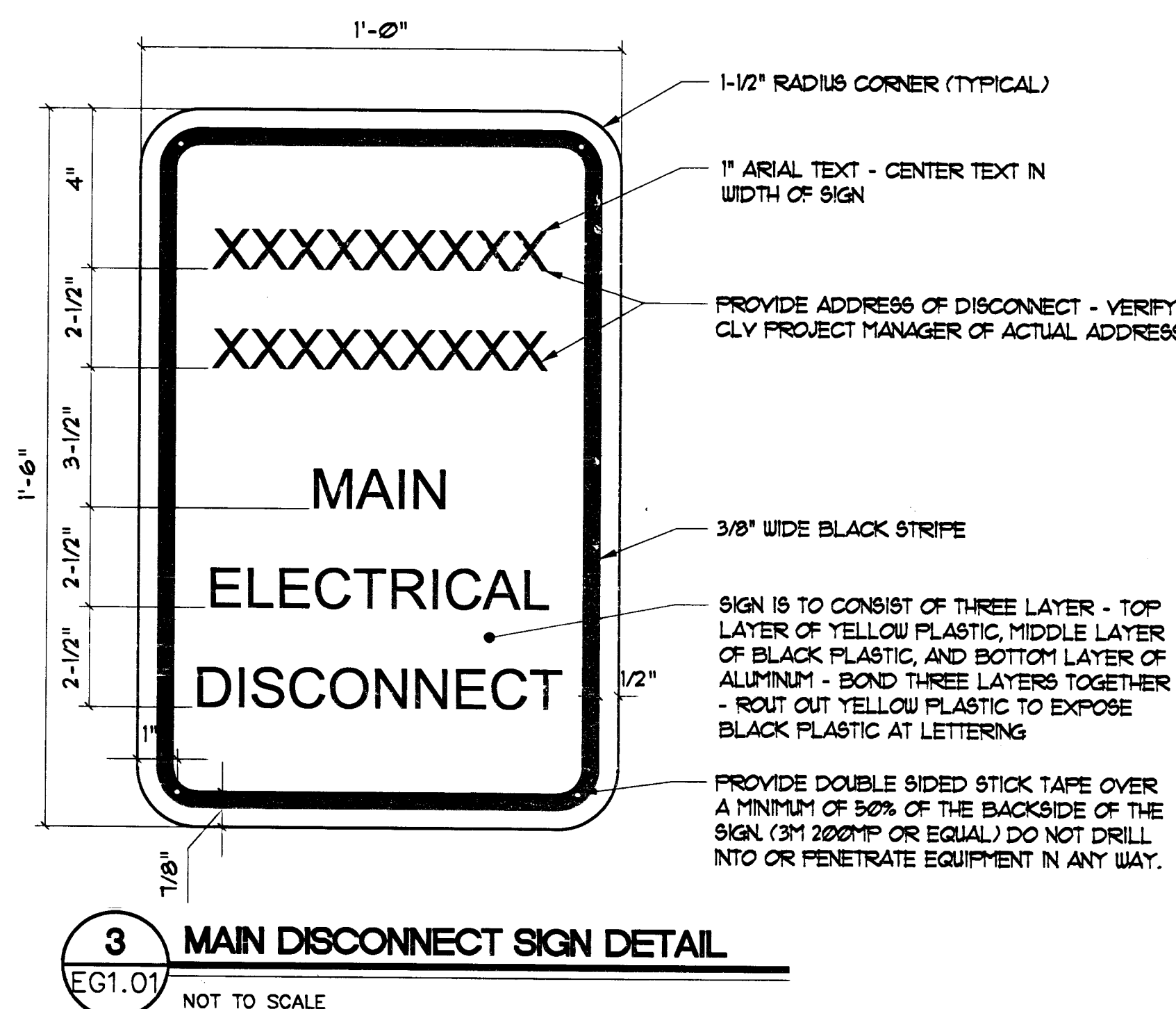




1 GROUND CONCRETE ENCASEMENT
EG1.01
NOT TO SCALE

2 MAIN DISCONNECT SIGN DETAIL
EG1.01
NOT TO SCALE

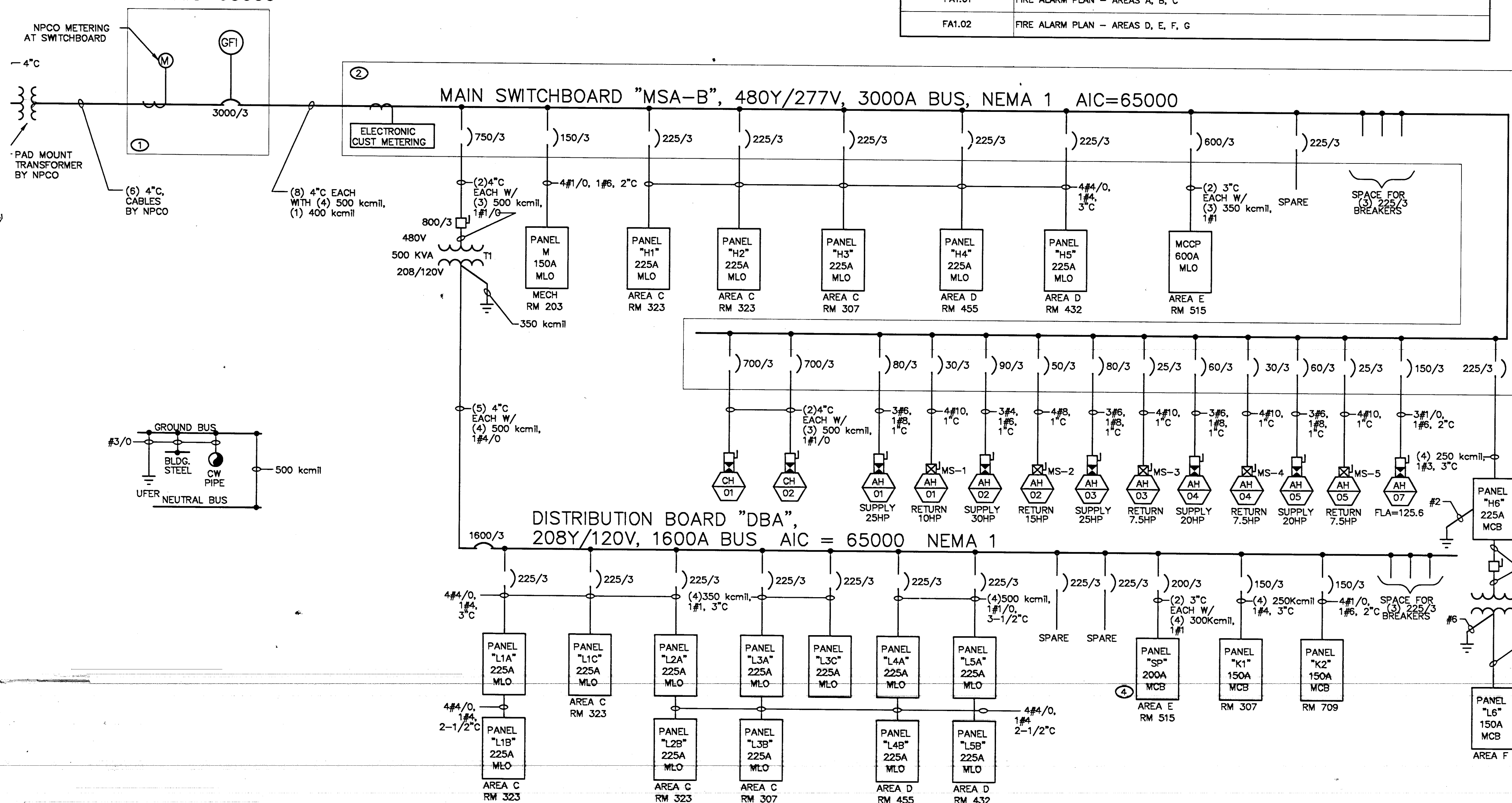


SHEET NUMBER	DRAWING TITLE
EG1.01	ELECTRICAL LEGEND, ONELINE DIAGRAM, AND SHEET INDEX
ES1.01	ELECTRICAL SITE PLAN
ES1.02	ELECTRICAL SITE PLAN - ENLARGED POOL AREA
E1.01	ELECTRICAL LIGHTING PLAN - AREA A
E1.02	ELECTRICAL LIGHTING PLAN - AREA B
E1.03	ELECTRICAL LIGHTING PLAN - AREA C
E1.04	ELECTRICAL LIGHTING PLAN - AREA D
E1.05	ELECTRICAL LIGHTING PLAN - AREA E
E1.06	ELECTRICAL LIGHTING PLAN - AREA F
E1.07	ELECTRICAL LIGHTING PLAN - AREA G
E2.00	OVERALL ROOF PLAN
E2.01	ELECTRICAL POWER PLAN - AREA A
E2.02	ELECTRICAL POWER PLAN - AREA B
E2.03	ELECTRICAL POWER PLAN - AREA C
E2.04	ELECTRICAL POWER PLAN - AREA D
E2.05	ELECTRICAL POWER PLAN - AREA E
E2.06	ELECTRICAL POWER PLAN - AREA F
E2.07	ELECTRICAL POWER PLAN - AREA G
E2.08	FOOD SERVICE EQUIPMENT - EQUIPMENT FLOOR PLANS & SCHEDULE
E3.01	ELECTRICAL COMMUNICATION PLAN - AREA A
E3.02	ELECTRICAL COMMUNICATION PLAN - AREA B
E3.03	ELECTRICAL COMMUNICATION PLAN - AREA C
E3.04	ELECTRICAL COMMUNICATION PLAN - AREA D
E3.05	ELECTRICAL COMMUNICATION PLAN - AREA E
E3.06	ELECTRICAL COMMUNICATION PLAN - AREA F
E3.07	ELECTRICAL COMMUNICATION PLAN - AREA G
E3.08	ELECTRICAL SECURITY PLAN - AREAS A, B, C
E3.09	ELECTRICAL SECURITY PLAN - AREAS D, E, F, G
E4.01	ELECTRICAL DETAILS - 1 OF 4
E4.02	ELECTRICAL DETAILS - 2 OF 4
E4.03	ELECTRICAL DETAILS - 3 OF 4
E4.04	ELECTRICAL DETAILS - 4 OF 4
E5.01	ELECTRICAL PANEL SCHEDULES - 1 OF 2
E5.02	ELECTRICAL PANEL SCHEDULES - 2 OF 2
FA1.01	FIRE ALARM PLAN - AREAS A, B, C
FA1.02	FIRE ALARM PLAN - AREAS D, E, F, G

ELECTRICAL LEGEND:	
	PANELBOARD SURFACE MOUNTED
	PANELBOARD FLUSH MOUNTED
	SWITCHBOARD
	TERMINAL CABINET
	TRANSFORMER
	PULLBOX
	MOTOR STARTER
	COMBINATION MOTOR STARTER
	COMBINATION MOTOR STARTER VENDOR FURNISHED
	DISCONNECT SWITCH "F" INDICATES FUSIBLE
	DISCONNECT SWITCH VENDOR FURNISHED
	CONTACTOR
	CONTACTOR VENDOR FURNISHED
	TELEPHONE TERMINAL BOARD 4 X 8 X 3/4" FIRE TREATED FLYWOOD
	FLUORESCENT FIXTURE - LETTER DENOTES TYPE (LOWER CASE LETTER DENOTES SWITCHING), NUMBER DENOTES CIRCUIT
	WALL MOUNTED FIXTURE (FLUORESCENT SHOWN) - LETTER DENOTES TYPE
	HID OR INCANDESCENT FIXTURE - LETTER DENOTES TYPE
	FLUORESCENT STRIP FIXTURE - LETTER DENOTES TYPE
	TRACK LIGHTING - LETTER DENOTES TYPE
	EMERGENCY LIGHTING UNIT - LETTER DENOTES TYPE
	EXIT FIXTURE - SHADED AREA DENOTES LIGHTED FACE, ARROWS DENOTE DIRECTION - LETTER DENOTES TYPE
	EMERGENCY OR NIGHT LIGHT CONNECTED FIXTURE (FLUORESCENT SHOWN) - LETTER DENOTES TYPE
	POLE MOUNTED HID AREA LIGHT - LETTER DENOTES TYPE
	SINGLE RECEPTACLE 18" AFF UNLESS NOTED OTHERWISE
	DUPLEX RECEPTACLE 18" AFF UNLESS NOTED OTHERWISE
	FLOOR MOUNTED DUPLEX RECEPTACLE
	QUADRIPOLE RECEPTACLE 18" AFF UNO
	COUNTER HEIGHT RECEPTACLE (VERIFY HEIGHT)
	GFI DUPLEX RECEPTACLE 18" AFF UNLESS NOTED OTHERWISE
	SWITCHED DUPLEX RECEPTACLE 18" AFF UNLESS NOTED OTHERWISE
	ELECTRIC SHEET NOTE DESIGNATION
	MECHANICAL EQUIPMENT CROSS REFERENCE
	SPECIAL PURPOSE RECEPTACLE - NUMBER REFERS TO RECEPTACLE SCHEDULE
	MULTIOUTLET ASSEMBLY - ARROW HEADS INDICATE EXTENT, NUMBERS INDICATE SPACING IN INCHES
	SINGLE POLE SWITCH 48" AFF UNO
	THREE WAY SWITCH 48" AFF UNO
	FOUR WAY SWITCH 48" AFF UNO
	KEY OPERATED SWITCH
	DIMMER OPERATED SWITCH
	SINGLE POLE SWITCH WITH MOTION SENSOR, 48" AFF UNO
	CONTROL STATION
	TELEPHONE OUTLET 18" AFF UNO
	PAY TELEPHONE OUTLET 48" AFF UNO
	FLOOR MOUNTED TELEPHONE OUTLET
	COMPUTER OUTLET OR SPECIAL PURPOSE COMMUNICATIONS OR COMBINATION OUTLET (DATA & TELEPHONE)
	PHOTOELECTRIC CELL
	REPEATER
	CARD READER (NIC)
	MOTION SENSOR
	DAYLIGHT SENSOR
	POWER PACK
	MULTI TECHNOLOGY SENSOR - WALL MOUNTED AT 12"-0" AFF. PROVIDE WITH WIRE GAGE IN GYM AREA.
	MULTI TECHNOLOGY SENSOR - CEILING MOUNTED. MOUNT TO BOTTOM OF TRUSS.
	CEILING MOUNTED DAY LIGHT SENSOR
	DAY LIGHT SENSOR - MOUNT ABOVE MULTI TECHNOLOGY SENSOR.
	HOODED DAY LIGHT SENSOR
	SWITCH ELECTRONIC WALL TIMER
	DIGITAL LOAD CENTER
	DIGITAL BALLAST CONTROL
	TIME CLOCK
	BRANCH CIRCUIT CONSISTING OF 3/12 IN MINIMUM SIZE CONDUIT INCLUDING GROUND WIRE
	HOME RUN TO PANELBOARD OR DEVICE - NUMBER OF ARROW HEADS INDICATES NUMBER OF CIRCUITS
	BRANCH CIRCUIT - SHORT SLASHES INDICATE NUMBER OF PHASE OR SWITCH LEGS, LONG SLASHES INDICATE NUMBER OF NEUTRALS, LONG SLASH W/ A DOT INDICATES A SEPARATE ISOLATED GROUND WIRE.
	CONDUIT IN SLAB OR UNDERGROUND
	CONDUIT SEALING FITTING (USED FOR CLARITY ONLY)
	INTERRUPTER SWITCH
	FUSE
	CIRCUIT BREAKER
	DRAWOUT CIRCUIT BREAKER
	METERING
	TRANSFORMER
	MOTOR OUTLET
	SPEAKER
	MOTION DETECTOR
	CCTV SURVEILLANCE CAMERA OUTLET
	TELEVISION ANTENNA OUTLET
	PULL STATION
	FLOW SWITCH
	TAMPER SWITCH
	HORN / STROBE
	SPEAKER / STROBE
	STROBE
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR
	DOOR HOLDER
	SMOKE DETECTOR LETTER (X) INDICATES TYPE. D DUCT MOUNT I IONIZATION P PHOTOELECTRIC S BEAM TYPE
	HEAT DETECTOR LETTER (X) INDICATES TYPE. R RATE OF RISE F FIXED TEMPERATURE
	FIREMAN PHONE
	SMOKE / FIRE DAMPER
	CONTROL DEVICE. LETTERS INDICATE TYPE: FLS = FLOAT SWITCH, FS = FLOW SWITCH FTS = FOOT SWITCH, LS = LIMIT SWITCH PE = PNEUMATIC SWITCH, PS = PRESSURE SWITCH TS = TEMPERATURE SWITCH
	THERMOSTAT
	JUNCTION BOX (USED FOR CLARITY ONLY)
	RELAY OR CONTROL DEVICE. NUMBER REPRESENTS STANDARD DEVICE FUNCTION
	GROUND FAULT INTERRUPTER
	CLOCK WITH INTERCOM
	J-BX AT 48" FOR SECURITY KEYPAD (KEYPAD FOR FUTURE)
	J-BX AT 48" FOR SECURITY KEYPAD WITH COVER (KEYPAD FOR FUTURE)

ABBREVIATIONS:	
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AL	ALUMINUM
BKR	BREAKER
C	CONDUIT
CKT	CIRCUIT
C.O.	CONDUIT ONLY
CU	COPPER
DWG	DRAWING
ELEC	ELECTRICAL
EXT	EXISTING
EW	ELECTRIC WATER COOLER
GFI	GROUND FAULT INTERRUPT
GND	GROUND
J-BX	JUNCTION BOX
KVA	KILOVOLT AMPS
KW	KILOWATT
LTG	LIGHTING
NTS	NOT TO SCALE
NPCo	NEVADA POWER COMPANY
PNL	PANEL
PWR	POWER
TENV	TOTALLY ENCLOSED NON-VENTILATED
TYP	TYPICAL
TV	TELEVISION
UNO	UNLESS NOTED OTHERWISE
V	VOLTS
VA	VOLT AMPS
WP	WEATHER PROOF
XF	TRANSFORMER

MAIN SWITCHBOARD "MSA-A",
480Y/277V, 3000A BUS,
NEMA 3R AIC=65000



ELECTRICAL ONELINE DIAGRAM
NOT TO SCALE

- PROVIDE SIGNAGE AT EXTERIOR MAIN DISCONNECT. SEE DETAIL 2/EG1.01. SECURE TO EXTERIOR FRONT OF SWITCHBOARD DOOR.
- PROVIDE SIGNAGE AT EXTERIOR DOOR. SEE DETAIL 3/EG1.01. SECURE TO EXTERIOR DOOR AT THE ENTRANCE TO THE ELECTRICAL ROOMS.
- PAINT EXTERIOR SWITCHBOARD TO MATCH ADJACENT CMU WALL. SUBMIT PAINT SAMPLES TO ARCHITECT.
- SEE POOL DRAWING MR-5 FOR PANEL SCHEDULE.

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CITY OF LAS VEGAS
CENTENNIAL HILLS COMMUNITY CENTER
RECORD DRAWINGS
ELECTRICAL LEGEND, ONELINE DIAGRAM
AND SHEET INDEX

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

EG1.01