GENERAL

DESCRIPTION	MOUNTING HEIGHT
JUNCTION BOX	
UNIT HEATER BLOWER MOTOR	
LIGHTED SIGN	
PULL BOX	
GENERATOR	
SINGLE POLE SWITCH AND RECEPTACLE COMBINATION	4'-6"
SINGLE POLE SWITCH	4'-6"
DOUBLE POLE SWITCH	
THREE WAY SWITCH	4'-6"
FOUR WAY SWITCH	4'-6"
SILICON CONTROLLED RECTIFIER DIMMER AND SWITCH	4'-6"
EXPLOSION PROOF SWITCH	4'-6"
KEY OPERATED SWITCH	4'-6"
MOMENTARY CONTACT SWITCH	
REMOTE CONTROL SWITCH	
SWITCH AND PILOT LIGHT	
LOCK TYPE SWITCH	
WEATHERPROOF SWITCH	
THERMAL TYPE MOTOR SNAP SWITCH WITH PILOT LIGHT	
LIGHTING PANELBOARD	
DISTRIBUTION AND POWER PANELBOARD	
MOTOR	
CONTROLLER MAGNETIC	
CONTROLLER AND DISCONNECT SWITCH	
SAFETY TYPE DISCONNECT SWITCH	
GAUGE LIGHT WITH SINGLE POLE SWITCH BELOW	
MANUAL STATION MOTOR STARTED	
OUTLET FOR OUTDOOR LIGHTING STANDARD	
BRANCH CIRCUIT EXPOSED	
BRANCH CIRCUIT CONCEALED BELOW OR IN FLOOR	
BRANCH CIRCUIT CONCEALED ABOVE CEILING OR IN WALL	
FEEDER - SIZE AS DESIGNATED	
HOME RUN TO PANEL, NUMBER OF CIRCUITS INDICATED BY NUMBER OF ARROWS; NOTE: ANY CIRCUIT WITHOUT FURTHER DESIGNATION INDICATES A TWO WIRE CIRCUIT; GREATER NUMBER OF WIRES INDICATED AS FOLLOWS: (3-WIRES), (4-WIRES), ETC. (GROUND WIRES NOT INDICATED)	
CONDUIT TERMINATED WITH COUPLING FLUSH WITH FINISHED FLOOR FOR EXTENSION TO EQUIPMENT AS DIRECTED	
CONDUIT TERMINATED 6" ABOVE FLOOR IN STANDARD BOX FOR EXTENSION TO EQUIPMENT AS DIRECTED	
MINERAL INSULATED WIRE	
FLEXIBLE CONDUIT. 1/2" SIZE WITH 3 NUMBER 12 WIRES	
SURFACE MOUNTED RACEWAY	
DROP CORD SINGLE CONVENIENCE OUTLET-SINGLE PHASE, 208V., GROUNDING TYPE, 20 AMP, UNLESS OTHERWISE SHOWN; CONDUCTORS NUMBER 12 A W G, UNLESS OTHERWISE SHOWN	J.B. ABOVE CEILING
2A1 LIGHTING CONTACTOR (2-FLOOR) (A-AREA)(1-SEQUENCE)-TYPICAL	
ELECTRO MAGNETIC ... HOLDER (faded)	
CONDUIT-BED GROUNDING SYSTEM	
TRANSFORMER	
HANDHOLE	
SINGLE MANHOLE	
DOUBLE MANHOLE	
DIRECT BURIAL CABLE	
SIGNAL DUCT	
POWER DUCT	
STREET LIGHTING CABLE (MULTIPLE SYSTEM)	
AERIAL LINE	
EXISTING AERIAL LINE	
WEATHERPROOF TAMPERPROOF TRANSFORMER ENCLOSURE	
UNDER FLOOR DUCT AND JUNCTION BOX, TRIPLE SYSTEM NOTE: DOUBLE SYSTEM 2 LINES, SINGLE SYSTEM 1 LINE	
480 V. SWITCHGEAR 2 IS COMPARTMENT NUMBER.	
M.C.C. 4 IS COMPARTMENT NUMBER.	
DISTRIBUTION PANELBOARD 7 IS COMPARTMENT NUMBER.	
480 VOLT FEEDER. TERMINATES 5TH FLOOR. FEEDER NO. 3	
FEEDER 480 V. PANELBOARD TO 480 V. TRANS. & TO 120/208 V. PANELBOARD.	
MOTORFEEDER. TERMINATES 5TH FLOOR FEEDER NO. 3	

L2A PANELBOARD 2ND FLOOR 480V.
EBC EMERGENCY PANELBOARD BASEMENT 480 V.
C7R CRITICAL PANELBOARD 7TH FLOOR 120/208V.
L1BB LIGHTING PANELBOARD 1ST FLOOR 120/208 V.

480V / 120/208V.	A C E G I K M O Q S U W Y / B D F H J L N P R T V X Z	AA / BB	AAA / BBB	ETC / ETC

FLOOR ON WHICH PANELBOARD IS LOCATED
L-NORMAL E-EMERGENCY C-CRITICAL

RBA TERMINAL CABINET
T2E
SEQUENCE
FLOOR
(R-RADIO) (T-TELEPHONE) (NC-NURSES CALL) (T-TELEVISION) (CCTV-CLOSED CIRCUIT TV) (F-FIRE) (IC-INTERCOM)

LIGHTING FIXTURES

DESCRIPTION	MOUNTING HEIGHT
EXPLOSION PROOF FIXTURE	
FLUORESCENT FIXTURE	
OUTLET FOR VAPOR PROOF FIXTURE	
EXIT LIGHT	
EXIT LIGHT WITH DIRECTIONAL ARROWS	
EMERGENCY LIGHT (INCANDESCENT)	
NIGHT LIGHT	16"
STREET LIGHT (STANDARD)	
STREET LIGHT (BRACKET TYPE)	
EXTERIOR FLOODLIGHT	
INCANDESCENT OUTLET	
EMERGENCY LIGHT - (FLUORESCENT)	
PATIENT SERVICE CONSOLE - FLUORESCENT LIGHT NURSE CALL RADIO AND TELECART OUTLET	
DUAL TRACK SURGICAL LIGHT.	
BATTERY EMERGENCY FIXTURE	

RECEPTACLES

DESCRIPTION	MOUNTING HEIGHT
480 VOLT, 30 AMP, THREE PHASE, 4 POLE, 5 WIRE	16"
FLOOR MOUNTED RECEPTACLE-LOCKING TYPE	
ELECTRICAL STRIP MOLD: 20 AMP, 120 V. DUPLEX OUTLETS [redacted], SPACED AS SHOWN ON PLANS.	
VENTILATOR OR FAN COIL UNIT OUTLET	
THREE GANG COMPARTMENT BOX IN FLOOR FOR TELEPHONE, SIGNAL, AND RECEPTACLE	
DUPLEX OUTLET - ONE SIDE SWITCHED	4'-6"
SINGLE RECEPTACLE - 20 AMPS, 120 V	16"
EXPLOSION PROOF RECEPTACLE	
WEATHER PROOF (TL TWIST LOCK) (PE - PEDESTAL MOUNTED)	
DUPLEX RECEPTACLE 20 AMPS, 120 V. SINGLE PHASE, 2 POLE-3 WIRE NEMA 5-20R	16"
CEILING HUNG ELECTRIC REEL. (L-LIGHT, R-...)	
120 VOLT, 50 AMP, SINGLE PHASE, 2 POLE-3 WIRE, NEMA 5-50 R	
208 VOLT, 20 AMP, SINGLE PHASE, 2 POLE-3 WIRE, NEMA 6-20 R	
120 VOLT, 30 AMP, SINGLE PHASE, 2 POLE-3 WIRE, NEMA 5-30R	24"
208 VOLT, 30 AMP, SINGLE PHASE, 2 POLE-3 WIRE, NEMA 6-30 R	
208 VOLT, 60 AMP, SINGLE PHASE, 2 POLE-3 WIRE, NEMA 14-60 R	24"
208 VOLT, 30 AMP, THREE PHASE, 3 POLE-4 WIRE, NEMA 15-30 R	
208 VOLT, 50 AMP, THREE PHASE, 3 POLE-4 WIRE, NEMA 15-50 R	
208 VOLT, 60 AMP, THREE PHASE, 3 POLE-4 WIRE, NEMA 15-60 R	
208 VOLT, 40 AMP, SINGLE PHASE, 2 POLE-3 WIRE, NEMA 6-40 R	
INDEPENDENT GROUNDING RECEPTACLE	
RECEPTACLE W/ INDICATING LAMP IN SAME WALL PLATE & W/ "AUXILIARY POWER" LETTERING	
208 VOLT 20 AMP, THREE PHASE, 3 POLE-4 WIRE, NEMA 15-20R	
WALL POCKET CONTAINING 3-20 A 120 V SINGLE RCPTCLS. + 6"	

SINGLE LINE

DESCRIPTION

- INSTRUMENT
- BATTERY
- OIL CIRCUIT BREAKER
- DRAWOUT OIL CIRCUIT BREAKER
- AIR CIRCUIT BREAKER
- DRAWOUT AIR CIRCUIT BREAKER
- OVERCURRENT RELAY
- DIRECTIONAL OVERCURRENT RELAY
- DIRECTIONAL RESIDUAL OVERCURRENT RELAY
- GENERAL LIGHTNING ARRESTER
- GROUND CONNECTION
- POTHEAD
- TWO BUTTON PUSH BUTTON STATION
- TWO BUTTON PUSH BUTTON STATION WITH PILOT LIGHT
- ONE BUTTON PUSH BUTTON STATION LOCK OUT
- CURRENT TRANSFORMER,
- POTENTIAL TRANSFORMER, DRAWOUT, FUSED
- ~~JUNCTION BOX ON CONDUIT STUBBED UP 3" FROM FLOOR~~
- TRANSFORMER
- KEY INTERLOCK

TELEPHONE

DESCRIPTION	MOUNTING HEIGHT
TELEPHONE OUTLET PAY STATION	4'-6"
TELEPHONE OUTLET (J JACK TYPE, W WALL TYPE)	
TELEPHONE SWITCH BOARD	
TELEPHONE OUTLET FOR MINIMUM SIX BUTTON TELEPHONE	16"
TELEPHONE CABINET	
TELEPHONE [redacted] RACEWAY	
THREE GANG COMPARTMENT IN FLOOR FOR TELEPHONE SIGNAL, AND RECEPTACLE	

RADIO

DESCRIPTION	MOUNTING HEIGHT
RADIO CHANNEL SELECTOR SWITCH	4'-6"
RADIO CONDUIT RUN	
IMPEDANCE MATCHING AND TEST PANEL	
SPEAKER OUTLET	
SPEAKER PROGRAM SELECTOR SWITCH AND VOLUME CONTROL	4'-6"
HEADPHONE OUTLET FOR RADIO MUSIC (-MICROPHONE)	16"
RADIO INTERCOM HANDSET	16"

TELEVISION

DESCRIPTION	MOUNTING HEIGHT
411/16" OUTLET BOX WITH BLANK COVER FOR TELEVISION INSTALLATION	16"
	16"
OUTLET FOR CAMERA CLOSED CIRCUIT SYSTEM (CCTV)	
OUTLET FOR MONITOR CLOSED CIRCUIT SYSTEM (CCTV)	
TELEVISION AND CLOSED CIRCUIT CONDUIT RUN	

FIRE ALARM

DESCRIPTION	MOUNTING HEIGHT
CITY FIRE ALARM STATION (RH-REMOTE MANUAL TRIP; RA-REMOTE AUTOMATIC TRIP)	
FIRE ALARM STATION (L-EQPT. W/LOCK OPRTD ATTENDENTS KEY)	5'-6"
FIRE ALARM CONDUIT RUN	
WATERFLOW SWITCH AND FIRE ALARM CODE TRANSMITTER	
FIRE ALARM BELL (CH-CHIME, G-GONG, D-DOMELIGHT, T-TAPPER) G10-10" G6-6"	7'-6"
FIRE DETECTOR (RATE OF RISE W/ FIXED TEMP 135°) & CODE TRANSMITTER	

CLOCK

DESCRIPTION	MOUNTING HEIGHT
MASTER CLOCK	
SECONDARY CLOCK OUTLET WITH SINGLE RECEPTACLE	7'-6"
TIME CLOCK	
CLOCK CONDUIT AND WIRE	
CLOCK OUTLET WITH HANGER	7'-6"

NURSE'S CALL

DESCRIPTION	MOUNTING HEIGHT
NURSE'S CALL MASTER STATION	
NURSE'S CALL STATION; E EMERGENCY, U UTILITY, R SURGICAL RECOVERY, H HEMODIALYSIS, I.C. INTENSIVE CARE	
NURSE'S CALL CONDUIT RUN	
NURSE'S CALL DOME LIGHT	
NURSE'S CALL DOME LIGHT - NO. OF LAMPS INDICATED	
NURSES CALL AUDIO VISUAL WALL STATION (STAFF)	
NURSES CALL PILOT LIGHT	
NURSES CALL DIRECTIONAL DOME LIGHT	
NURSES CALL AUDIO VISUAL STATION STAFF	
NURSES CALL MICROPHONE - SPEAKER	

MISCELLANEOUS COMMUNICATIONS SYSTEMS

DESCRIPTION	MOUNTING HEIGHT
CONTROL STATION DOCTORS PAGING SYSTEM	
PUBLIC ADDRESS SYSTEM RACEWAY	
REMOTE DICTATING MICROPHONE OUTLET	
INTERCOM CONDUIT RUN	
INTERCOM STATION SEE CHART AND SPECS FOR TYPE OF INSTRUMENT REQUIRED ALSO FUNCTIONAL OPERATION OF THE INSTRUMENT (I - INTERDEPARTMENTAL, W - WALL, D - DESK, H - HANDSET, S - STAFF, M - MASTER)	
THREE POLE TWIST LOCK RECEPTACLE FOR MICROPHONE SAME IN FLOOR	4'-6"
AUTOCART SYSTEM OUTLET	
INTERCOM SPEAKER-WALL (-CEILING)	
REMOTE DICTATING RECORDER OUTLET	
ONE BUTTON PUSH BUTTON STATION	

ABBREVIATIONS

	DESCRIPTION
A.F.F.	ABOVE FINISHED FLOOR
CKT	CIRCUIT
CKT. BKR.	CIRCUIT BREAKER
CLG	CEILING
D.B.	DIRECT BURIAL CABLE
DISC. SW.	DISCONNECT SWITCH
E.C.	EMPTY CONDUIT
E.J.	EXPANSION JOINT
EMERG.	EMERGENCY
EXP.	EXPLOSION PROOF
FIXT.	FIXTURE
FLR.	FLOOR
FLUOR.	FLUORESCENT
F.S.S.	FUSED SAFETY SWITCH
GND.	GROUND
INCAND.	INCANDESCENT
J.B.	JUNCTION BOX
LTG.	LIGHTING
M.C.C.	MOTOR CONTROL CENTER
MTG. HT.	MOUNTING HEIGHT
P.B.	PULL BOX
P.C.	PULL CHAIN
PNL.	PANEL
PWR.	POWER
RECEPT.	RECEPTACLE
STA.	STATION
TEL.	TELEPHONE
U.F.S.S.	UNFUSED SAFETY SWITCH
V.P.	VAPOR PROOF
W.P.	WEATHERPROOF
W.T.	WATER TIGHT
TRANSF.	TRANSFORMER
E.D.F.	ELECTRIC DRINKING FOUNTAIN
B.C.	OUTLET BLANK COVER
G.D.A.	GROUND DETECTION ALARM
G.D.I.	REMOTE GROUND DETECTION INDICATOR
1/6	DETAIL NUMBER 1; DETAIL SHOWN ON DWG. NO. 6 I.E. DRAWING NO. 1 E6
L.D.P.	LIGHTING DISTRIBUTION PANELBOARD

MISCELLANEOUS ALARM SYSTEMS

DESCRIPTION	MOUNTING HEIGHT
AIR SYSTEM ALARM	
OXYGEN SYSTEM ALARM	
PILOT LIGHT FOR ALARM: "W" = WHITE, "R" = RED, "G" = GREEN	
PROGRAM BELL (6" UNLESS OTHERWISE NOTED)	7'-6"
SIGNAL TRANSFORMER	
SIGNAL SYSTEM RACEWAY	
SIGNAL CABINET	
THERMOSTAT	5'-0"
BUZZER	
HORN	
BELL OR GONG (CH-CHIME)	7'-6"
OUTLET FOR PHYSIOLOGICAL MONITORING	
THREE GANG COMPARTMENT BOX IN FLOOR FOR TELEPHONE, SIGNAL, AND RECEPTACLE (3 GANG FLOOR BOX)	
AUDIO-VISUAL ALARM FOR PIPED GAS SYSTEM	

GENERAL NOTES:

1. N.I.C. EQUIPMENT - FOR FUTURE ELECTRICAL SERVICE TO EQUIPMENT MARKED N.I.C., PROVIDE CAPPED, EMPTY CONDUIT RUN IN THE INTERSTITIAL SPACE ABOVE OR BELOW TO THE APPROXIMATE LOCATION OF THE EQUIPMENT.

THREE INCHES EQUALS ONE FOOT — ONE AND ONE HALF INCHES EQUALS ONE FOOT — ONE INCH EQUALS ONE FOOT — THREE QUARTER INCH EQUALS ONE FOOT — ONE HALF INCH EQUALS ONE FOOT — THREE EIGHTH INCH EQUALS ONE FOOT — ONE QUARTER INCH EQUALS ONE FOOT — ONE EIGHTH INCH EQUALS ONE FOOT

SYMBOLS
BUILDING NO. 1
760 BED M. S. & N AND PSYCHIATRIC HOSPITAL
VETERANS ADMINISTRATION
SAN ANTONIO TEXAS
REVISIONS
GOLEMON & ROLFE ARCHITECTS
SAN ANTONIO ASSOCIATE ARCHITECTS
DRAWING NUMBER
1-E1