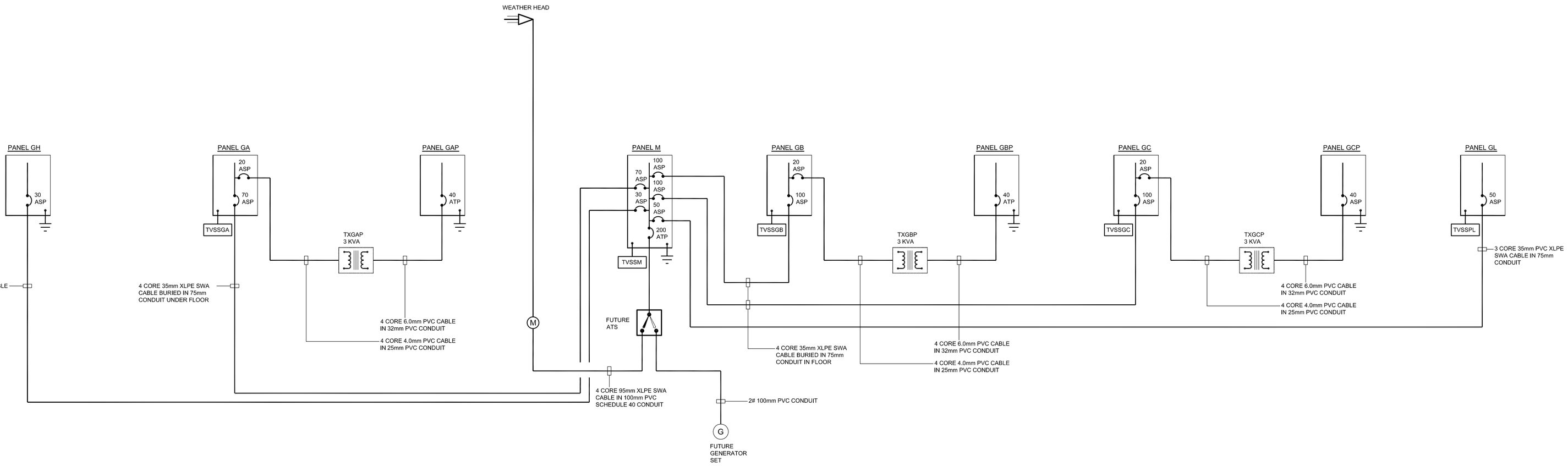


## ELECTRICAL LEGEND

- 115V SINGLE RECEPTACLE (Wp DENOTES WEATHERPROOF) (GFCI DENOTES GROUND FAULT CIRCUIT INTERRUPTER) (GP DENOTES GENERAL PURPOSE OUTLETS)
- 115V DUPLEX RECEPTACLE (Wp DENOTES WEATHERPROOF) (GFCI DENOTES GROUND FAULT CIRCUIT INTERRUPTER) (GP DENOTES GENERAL PURPOSE OUTLETS) (RF DENOTES OUTLET THROUGH RF FILTER) (T DENOTES HOSPITAL-GRADE TRANSFERPROOF RECEPTACLES)
- 220V SINGLE RECEPTACLE (Wp DENOTES WEATHERPROOF) (GFCI DENOTES GROUND FAULT CIRCUIT INTERRUPTER) (GP DENOTES GENERAL PURPOSE OUTLETS)
- 220V DUPLEX RECEPTACLE (Wp DENOTES WEATHERPROOF) (GFCI DENOTES GROUND FAULT CIRCUIT INTERRUPTER) (GP DENOTES GENERAL PURPOSE OUTLETS)
- 115V DUPLEX RECEPTACLE IN FLOOR BOX
- COMPUTER DRAW BOX
- TELEPHONE BOX
- ELECTRICAL DRAW BOX
- EQUATOR.
- ELECTRICAL PANEL BOARD (Recessed)
- ELECTRICAL PANEL BOARD (Surface mounted)
- SINGLE POLE SWITCH (4'-0" AFFL) (3.DENOTES TWO WAY OPERATION)
- SINGLE POLE SWITCH (4'-0" AFFL)
- SWITCH WITH NEON INDICATOR (4'-0" AFFL)
- FAN SWITCH (4'-0" AFFL)
- AIR CONDITION SWITCH (4'-0" AFFL)
- DIMMER SWITCH (4'-0" AFFL)

DENOTES LIGHTS ON THE SAME CIRCUIT BUT CONTROLLED BY DIFFERENT SWITCHES.

P-1 HOME RUN TO PANEL(NOTATION DENOTES PANEL AND CIRCUIT NUMBERS)

- ELECTRICAL CONDUIT/DUCT RUN.
- TELEPHONE CONDUIT/DUCT RUN.
- CABLE TRUNKING FOR DATA & POWER ACCESS
- TELEVISION.
- TELEPHONE POINT IN 4x4 DRAW BOX WITH 2x4 REDUCING RING
- COMPUTER POINT IN 4x4 DRAW BOX WITH 2x4 REDUCING RING. B DENOTES BOX WITH BLANK PLATE. # DENOTES QUANTITY OF NETWORK POINTS, NO # DENOTES 1# NETWORK POINT
- TELEPHONE & COMPUTER POINT IN 4x4 DRAW BOX WITH 2x4 REDUCING RING. B DENOTES BOX WITH BLANK PLATE. # DENOTES QUANTITY OF COMPUTER/TELEPHONE POINTS, NO # DENOTES 1# COMPUTER & 1# TELEPHONE POINT.
- COMPUTER POINT IN FLOOR BOX
- CMH COMPUTER MANHOLE
- EMH ELECTRICAL MANHOLE
- SMOKE DETECTOR
- HEAT DETECTOR
- SECURITY MOTION DETECTOR
- FIRE ALARM HORN/STROBES
- BREAK GLASS STATION/PULL STATION
- 115V RECEPTACLE SUSPENDED FROM CEILING (HUBBELL KELLUM TWISTLOCK)
- ELECTRICAL CONTACTOR
- BELL SYSTEM DRAW BOX
- ELECTRICAL BELL
- HAND DRYER
- EMERGENCY LIGHTS
- COMBINATION EMERGENCY AND EXIT LIGHT
- EXIT LIGHT
- LOCKABLE EMERGENCY STOP BUTTON.
- AUDIO DRAW BOX
- EM FITTED WITH BODINE B50 EMERGENCY BALLAST
- CAMERA
- TRANSFORMER
- INTERCOM
- SWITCHED 115V SINGLE RECEPTACLE IN CEILING
- SWITCHED 115V DUPLEX RECEPTACLE IN CEILING
- SWITCHED 230V SINGLE RECEPTACLE IN CEILING
- SWITCHED 230V DUPLEX RECEPTACLE IN CEILING
- SPEAKER DRAW BOX
- WIRELESS LIGHTING MOTION DETECTOR
- VOICE CONTROL DRAW BOX
- THERMOSTAT
- SECURITY KEYPAD
- MAGNETIC DOOR LOCK
- JUNCTION BOX
- 4x4 WALL RECESSED DRAW BOX FOR NURSE CALL SINGLE PATIENT PULL STATION @ 52" AFFL
- NURSE CALL DUTY STATION @ 44" AFFL
- 12x12 WALL RECESSED DRAW BOX FOR NURSE CALL MASTER ANNUNCIATOR STATION @ 64" AFFL
- 4x4 WALL RECESSED DRAW BOX FOR NURSE CALL EMERGENCY STATION WITH PULL CORD @ 30" AFFL
- NURSE CALL CORRIDOR CEILING MOUNTED DOME LIGHT

| No. | REVISION | DATE |
|---|---|---|

This Drawing Is To Be Read With All Relevant Architectural, Structural And MEP Drawings. Report All Discrepancies, Omissions Or Errors To The Engineer.

IF IN DOUBT-ASK


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architect

MOULTON MAYERS

job name

**MENTAL HEALTH CENTRE**

drawing title

**ELECTRICAL RISER DIAGRAM**

FOR TENDER
2013-05-08

| | | |
|---|---|---|
| drawn Javid B. | des/chk R. Foster | |
| scale NTS | date JUN. '12 | status TENDER |
| job no. 120702 | dwg. no. E-8 | rev. |