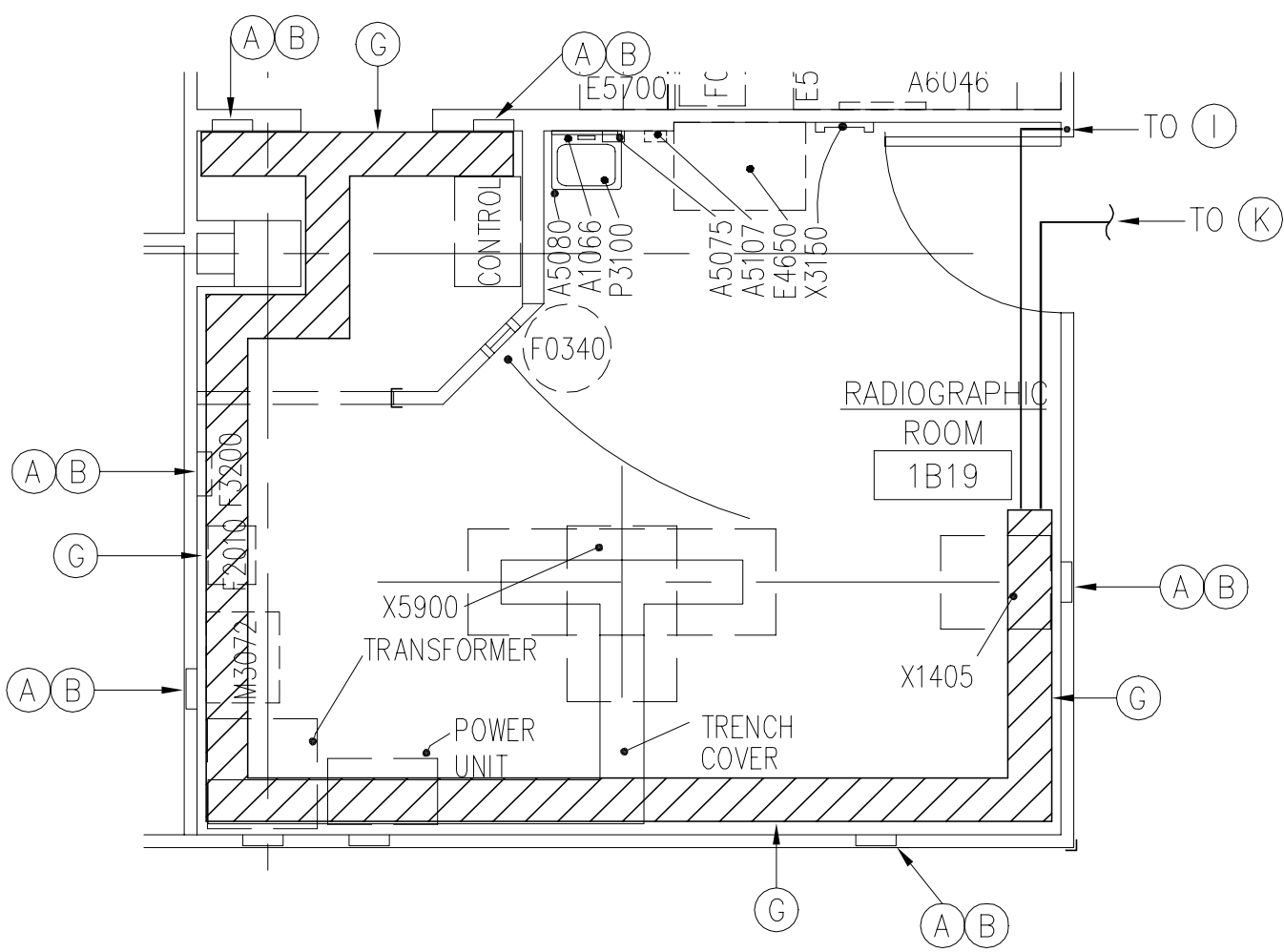
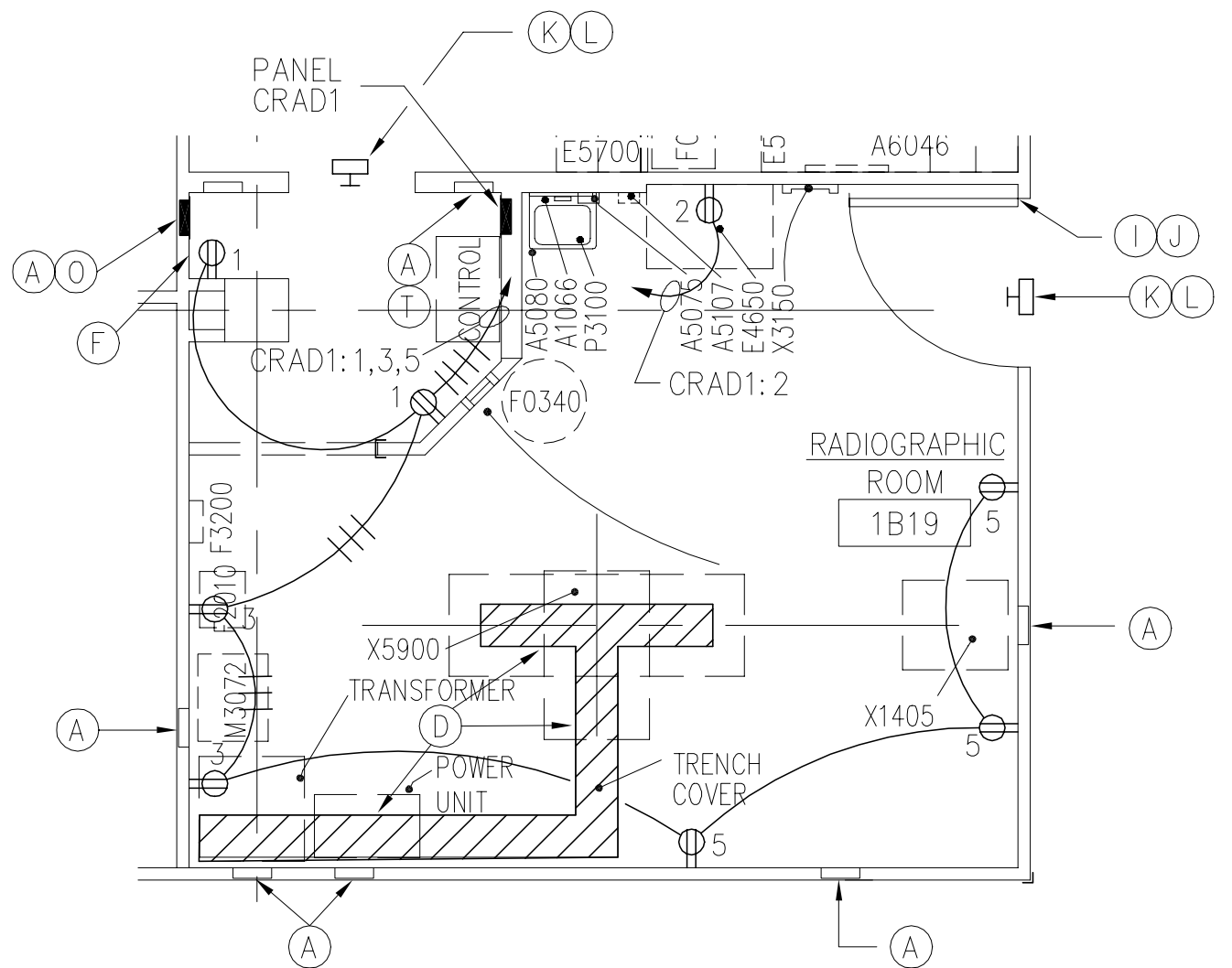
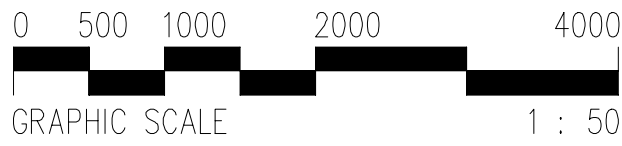


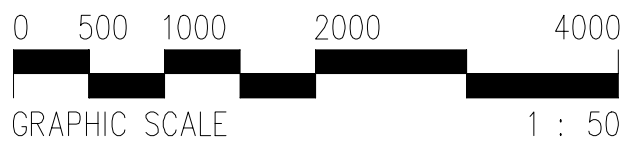
REVISIONS				
SYM	DESCRIPTION	PREPARED BY	DATE	APPROVED



ABOVE CEILING PLAN
RADIOGRAPHIC ROOM 1B19
SCALE: 1:50



FLOOR PLAN
RADIOGRAPHIC ROOM 1B19
SCALE: 1:50

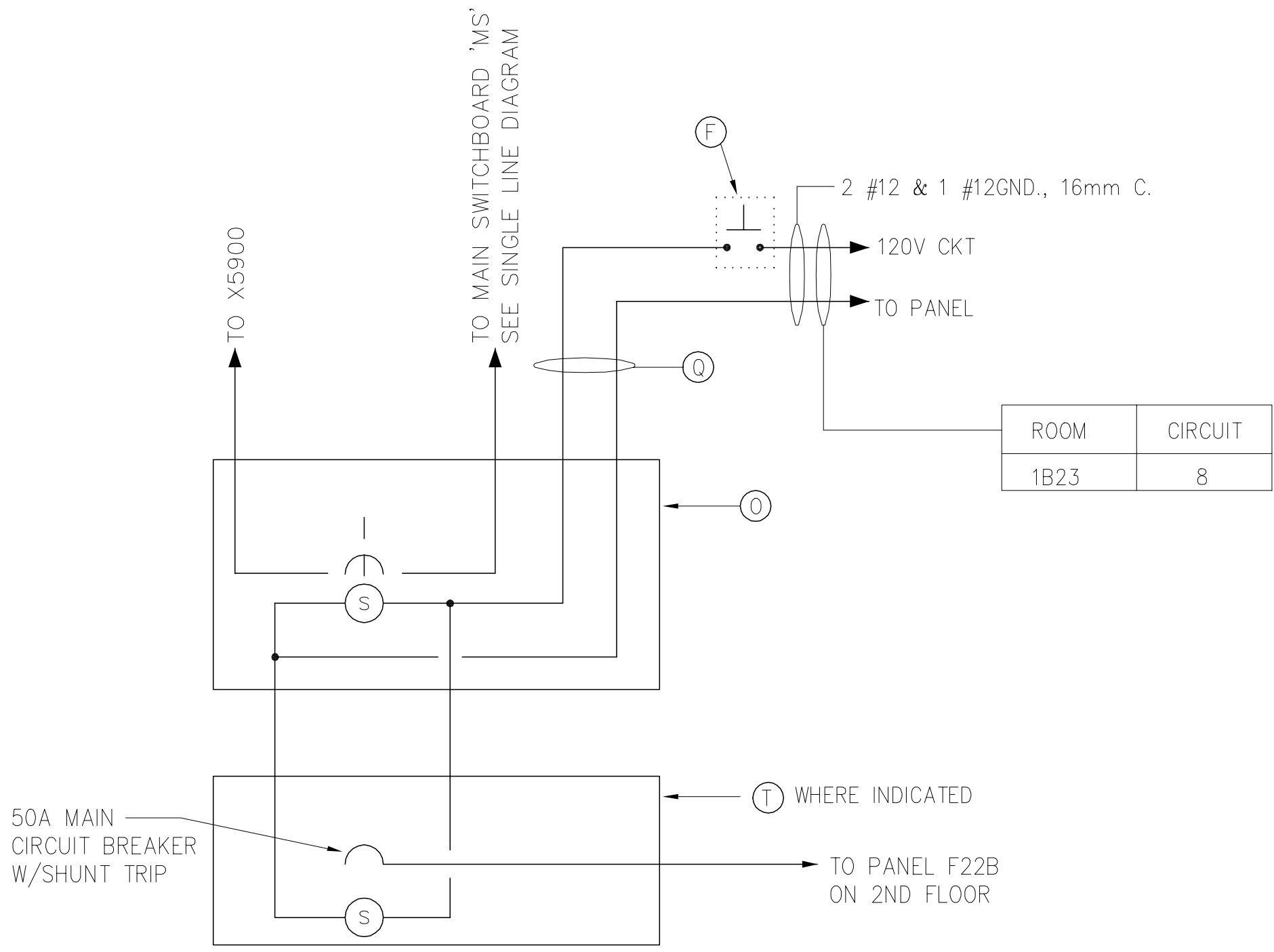


RADIOGRAPHIC ROOM SCHEDULE

- (A) 261mm X 89mm (NOMINAL) RECESSED WALL DUCT WITH REMOVABLE 305mm WIDE FLUSH COVERS. NOTES 3, 4 & 7.
- (B) SAME AS (A) EXCEPT WITH CABLE OUTLETS ABOVE CEILING. NOTES 3, 4 & 7.
- (C) SAME AS (A) EXCEPT WITH 90 DEGREE EDGEWISE ELBOW FOR CONNECTION INTO FLOOR DUCT. NOTES 3 & 4.
- (D) 305mm X 89mm (NOMINAL) RECESSED FLOOR DUCT WITH REMOVABLE 356mm COVERS SUITABLE FOR TILE TRIM. THE COVERS SHALL BE GASKETED TO MAINTAIN WATER TIGHTNESS. PROVIDE ALL NECESSARY COMPONENTS (i.e. ELBOWS, TEES, END PLATES, ETC.) TO MAKE A COMPLETE INSTALLATION AS SHOWN ON DRAWINGS.
- (F) EMERGENCY SHUT-DOWN BUTTON WITH RED MUSHROOM HEAD. MOUNT 1219mm AFF. NOTE 5.
- (G) TROUGH TYPE ALUMINUM CABLE TRAY, 102mm HIGH SIDES, 305mm WIDE WITH ALL FITTINGS REQUIRED FOR A COMPLETE INSTALLATION. SECURE TO UNISTRUT SUPPORT FRAME WITH CLIP ANGLES OR "Z" TYPE HOLD DOWN CLIPS WHERE TRAY IS RUN PARALLEL WITH UNISTRUT. PROVIDE TRAY HANGER CLAMPS AND 13mm RODS ON 1829mm CENTERS. NOTE 3.
- (I) DOOR SWITCH, PLUNGER TYPE. SWITCH SHALL BE IN OFF POSITION WHEN DOOR IS OPEN.
- (J) 16mm EMPTY CONDUIT FROM (I) TO (G) . PROVIDE BUSHING AT (G) .
- (K) CEILING MOUNTED "IN USE" LIGHT. FIXTURE MARK "Y1".
- (L) 16mm EMPTY CONDUIT FROM (K) TO (G) . PROVIDE BUSHING AT (G) .
- (O) 150A, 3P, 480 VOLT FLUSH MOUNTED CIRCUIT BREAKER WITH 120 VOLT SHUNT TRIP COIL. NOTE 6.
- (Q) 2#12, FROM (F) TO (O) . ROUTE IN 16mm CONDUIT FROM (F) TO (G) THEN ROUTE CIRCUIT IN (A) DOWN TO (O) .
- (S) 120 VOLT SHUNT TRIP COIL.
- (T) 208Y/120, 3 PHASE, 4 WIRE. PANEL WITH 50A MAIN CIRCUIT BREAKER WITH SHUNT TRIP. PANEL DESIGNATION SHALL BE CRAD1.

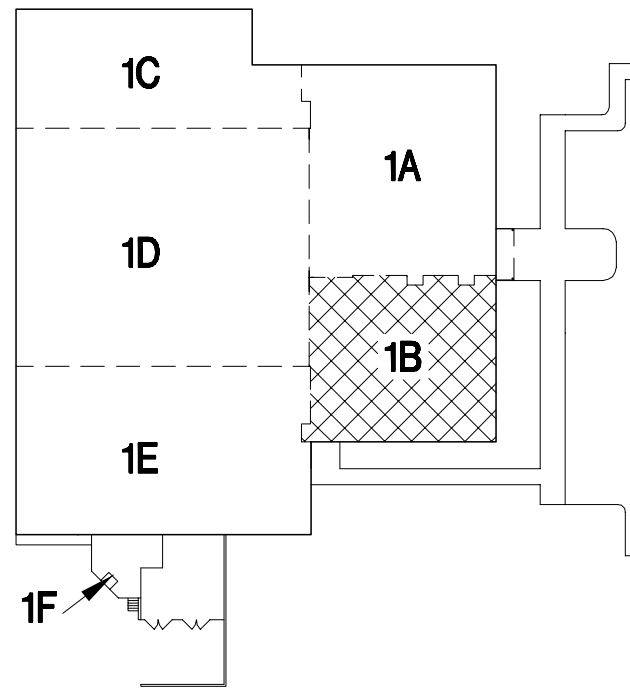
RADIOGRAPHIC ROOM NOTES

- (1) ALL RADIOGRAPHIC ROOM EQUIPMENT, X-RAY CABLES AND WIRES FOR CONTROL AND INSTRUMENTATION ARE GOVERNMENT FURNISHED. GOVERNMENT INSTALLED UNLESS NOTED OTHERWISE.
- (2) ALL INCOMING SERVICES, CIRCUIT BREAKERS, PANELBOARDS, PUSH-BUTTONS, DOOR SWITCHES, "IN USE" LIGHTS, WALL DUCT, FLOOR DUCT, CABLE TRAY AND RELATED CONDUIT AND FITTINGS ARE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
- (3) PROVIDE METAL BARRIERS FOR SEPARATION OF HIGH AND LOW VOLTAGE CABLES IN FLOOR DUCT, WALL DUCT, AND CABLE TRAY. BARRIERS SHALL BE SUITABLE FOR FIELD INSTALLATION AND WILL BE INSTALLED BY THE CONTRACTOR.
- (4) WALL AND FLOOR DUCT CHANNELS AND COVERS SHALL BE CONSTRUCTED OF 14 GAGE STEEL WITH PHOSPHATIZED AND BAKED ENAMEL FINISH. METAL BARRIERS SHALL BE 18 GAGE MINIMUM.
- (5) INSTALL PUSHBUTTON (F) IN FLUSH MOUNTED NEMA 1 ENCLOSURE WITH COVER PLATE. PROVIDE ENGRAVED NAMEPLATE TO READ "EMERGENCY SHUTDOWN". THE NAMEPLATE SHALL BE RED WITH 7mm HIGH WHITE LETTERS. ATTACH NAMEPLATE TO COVER WITH SCREWS.
- (6) THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTING OFFICER AND PROVIDE THE REQUIRED CIRCUIT BREAKER FOR THE X-RAY EQUIPMENT SUPPLIED BY THE GOVERNMENT. ANY BREAKER PROVIDED BY THE CONTRACTOR FOR THE PURPOSE OF PROVIDING OVERCURRENT PROTECTION FOR X-RAY EQUIPMENT SHALL HAVE A SHUNT TRIP UNIT.
- (7) COORDINATE RECESSED WALL DUCT WITH WALL MOUNTED LIGHT FIXTURE. LIGHT FIXTURE WILL PASS OVER RECESSED WALL DUCT, SO ENSURE WALL DUCT COVER IS REMOVABLE AT BOTTOM AND TOP OF FIXTURE ALLOWING FOR EASY ACCESS TO RECESSED WALL DUCT BEHIND FIXTURE. SEE SHEET EL-2.
- (8) ALL WALL DUCTS SHALL EXTEND TO ABOVE CEILING AND CONNECT TO ABOVE CEILING CABLE TRAY.



SHUNT TRIP WIRING DIAGRAM FOR X-RAY EQUIPMENT

NO SCALE



1ST FLOOR
BLOCK 1B
KEY PLAN



IF SHEET IS LESS THAN 28"x42", IT IS A REDUCED PRINT. SCALE REDUCED ACCORDINGLY.

EP3-1

MEDICAL/DENTAL CLINIC

RADIOLOGY LAYOUTS & DETAILS

SIZE	CODE IDENT. NO.	DRAWING NO.
F	XXXXX	8144790
SCALE:	AS SHOWN	SPEC. 11996048
		SHEET 285 OF 316