

FIRE ALARM NOTES:

1. ALL WIRING SHALL BE IN CONDUIT MINIMUM 21mm. SYSTEM SHALL BE WIRED FOR CLASS B OPERATIONS.

2. IN JUNCTION BOXES, TERMINAL CABINETS, CONTROL CABINETS, OUTLET BOXES, DEVICES, ETC. WIRING SHALL TERMINATE ON IDENTIFIED TERMINAL STRIPS. WIRE NUTS AND SIMILAR DEVICES WILL NOT BE ACCEPTABLE IN ANY PART OF THE SYSTEM.

3. EACH JUNCTION BOX AND TERMINAL CABINET WILL BE PAINTED RED WITH "FIRE" STENCILED IN WHITE LETTERS ON THE COVER.

4. JUNCTION BOXES AND TERMINAL CABINETS SHALL BE SIZED 40 PERCENT GREATER THAN IS REQUIRED BY THE NATIONAL ELECTRICAL CODE, ARTICLE 370. MINIMUM OR AS SHOWN.

5. EACH COMMUNICATION CLOSET SHALL BE SERVED BY SEPARATE ADDRESSABLE LOOPS SUCH THAT IF ONE CABLE IS SEVERED, THE ENTIRE BUILDING IS NOT WITHOUT MONITORING OR ALARMS.

6. SIGNAL CIRCUITS FOR FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT EXTENDERS SHALL HAVE CONDUCTORS ORIGINATE IN FACP AND BE THE ONLY DEVICE ON SIGNAL CIRCUIT.

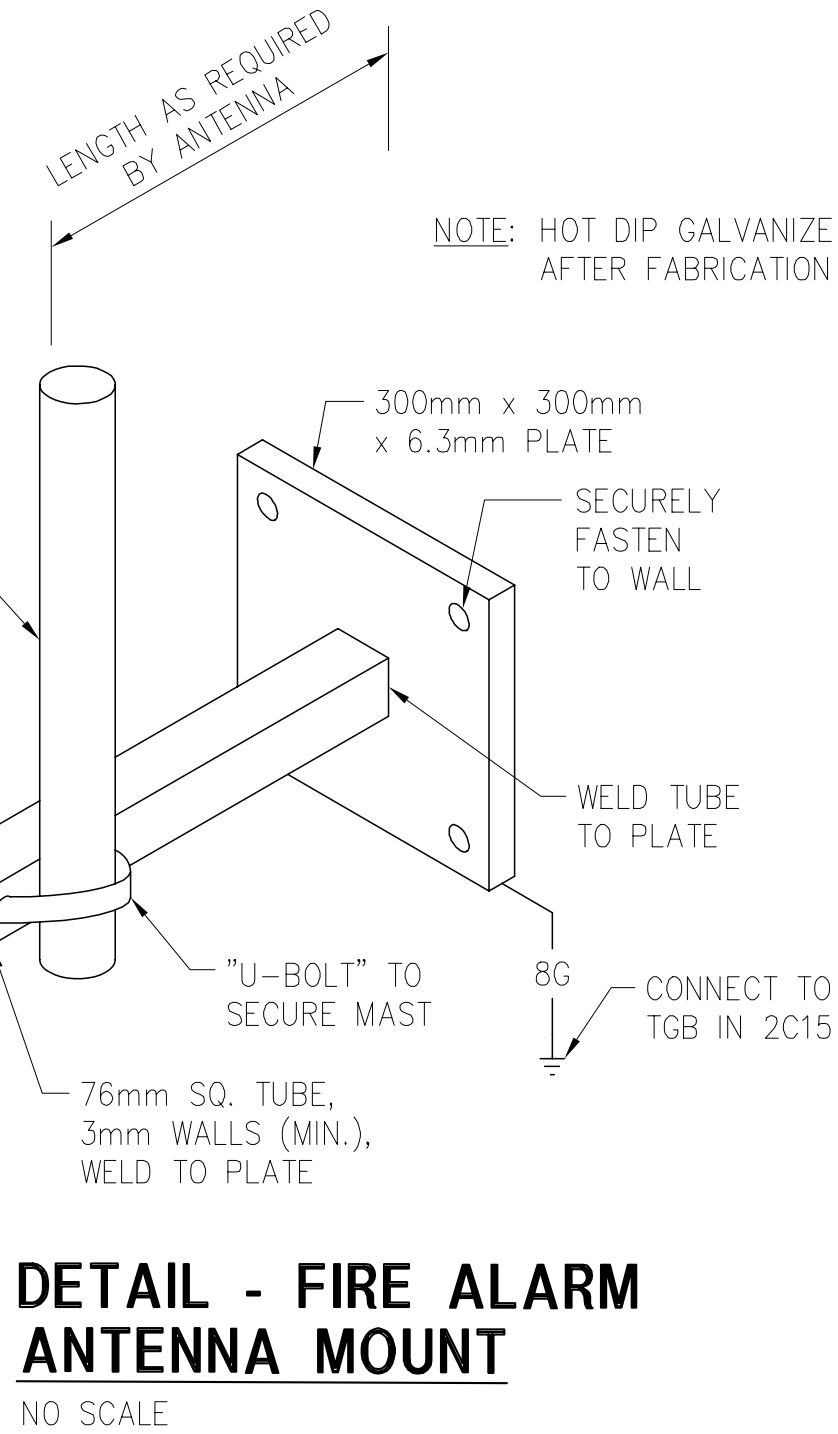
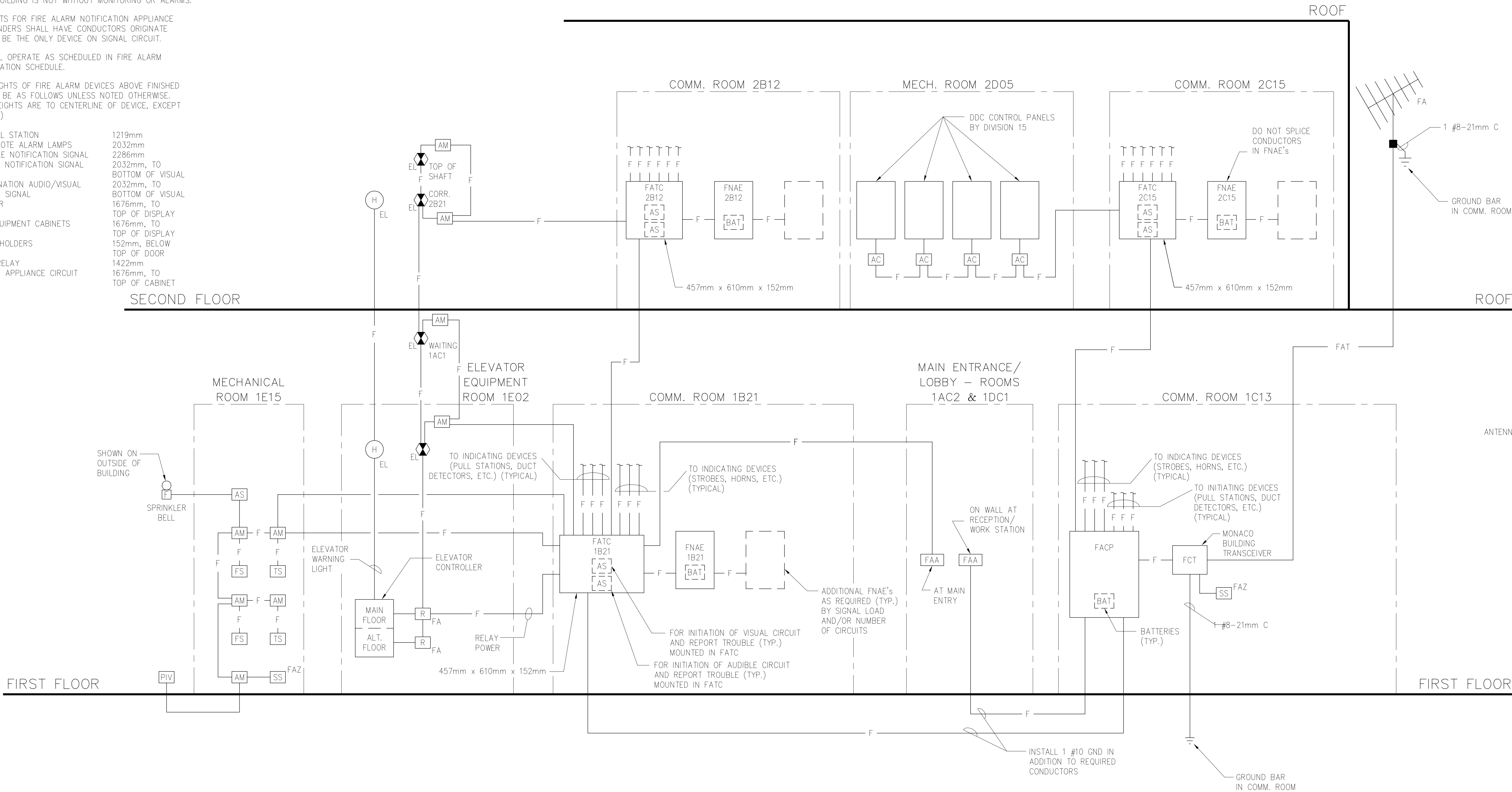
7. DEVICES SHALL OPERATE AS SCHEDULED IN FIRE ALARM SYSTEM OPERATION SCHEDULE.

8. MOUNTING HEIGHTS OF FIRE ALARM DEVICES ABOVE FINISHED FLOOR SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE. (MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE, EXCEPT WHERE NOTED)
9. ONLY ELEVATOR LOBBY AND MACHINE ROOM DETECTORS ACTIVATE RECALL. WIRE FOR MAIN AND ALTERNATE FLOORS.

10. ALL VISUAL NOTIFICATION APPLIANCES SHALL BE SYNCHRONIZED TYPE.

11. ALL TERMINAL CABINETS SHALL BE STEEL, NEMA 1, STEEL-HINGED DOOR, WITH FIRE PROOF PAINTED WOOD BACKBOARD AND BARRIER TYPE TERMINAL STRIPS.

MANUAL PULL STATION	1219mm
WALL - REMOTE ALARM LAMPS	2032mm
WALL AUDIBLE NOTIFICATION SIGNAL	2286mm
WALL VISUAL NOTIFICATION SIGNAL	2032mm, TO BOTTOM OF VISUAL
WALL COMBINATION AUDIO/VISUAL NOTIFICATION SIGNAL ANNUNCIATOR	2032mm, TO BOTTOM OF VISUAL
CONTROL EQUIPMENT CABINETS	1676mm, TO TOP OF DISPLAY
WALL DOOR HOLDERS	1676mm, TO TOP OF DISPLAY
SHUTDOWN RELAY	152mm, BELOW TOP OF DOOR
NOTIFICATION APPLIANCE CIRCUIT EXTENDER	1422mm
	1676mm, TO TOP OF CABINET



FIRE ALARM SYSTEM OPERATION SCHEDULE						
DEVICES	SOUND SIGNALS	SHUTDOWN AHU'S & DAMPERS	DOOR HOLDER/SHUTTER RELEASE	SOUND SUPERVISORY TROUBLE	ELEVATOR RECALL	DOOR RELEASE
MANUAL PULL STATION	X	X	X			X
SMOKE DETECTORS	X	X	X		X NOTE 9	X
DUCT SMOKE DETECTORS		X	X			
WATER FLOW	X	X	X			X
TAMPER SWITCH				X		

NOTE: ANY ACTION SHOWN ABOVE SHALL OCCUR THROUGHOUT BUILDING UNLESS OTHERWISE NOTED.

FIRE ALARM SYSTEM
SINGLE LINE DIAGRAM

NO SCALE

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

MEDICAL/DENTAL CLINIC

FIRE ALARM SYSTEM -
SINGLE LINE DIAGRAM

SIZE	CODE IDENT. NO.	DRAWING NO.
F	XXXXX	8144813
SCALE:	AS SHOWN	SPEC. 11996048

SHEET 308 OF 316

EC5-1