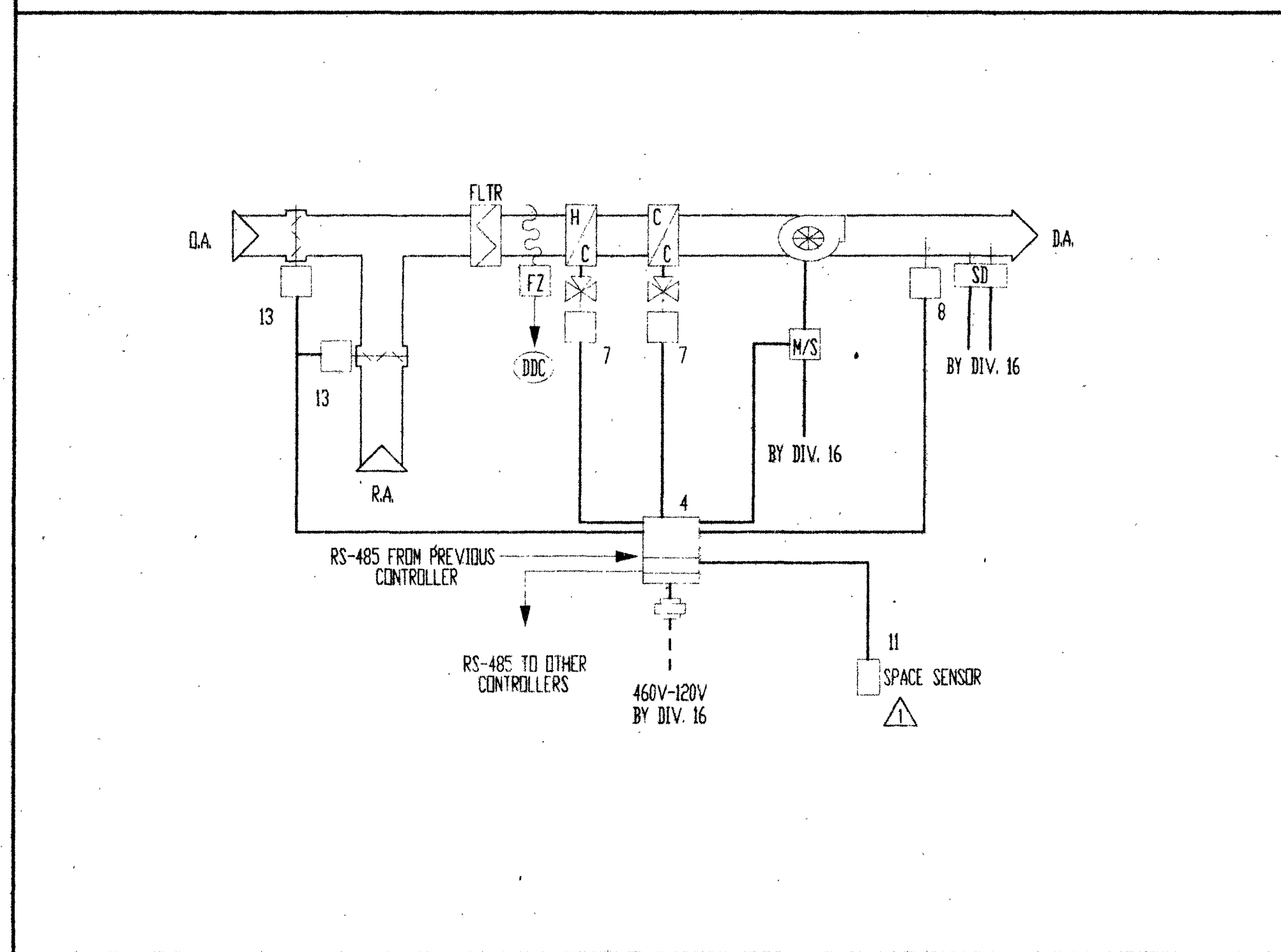
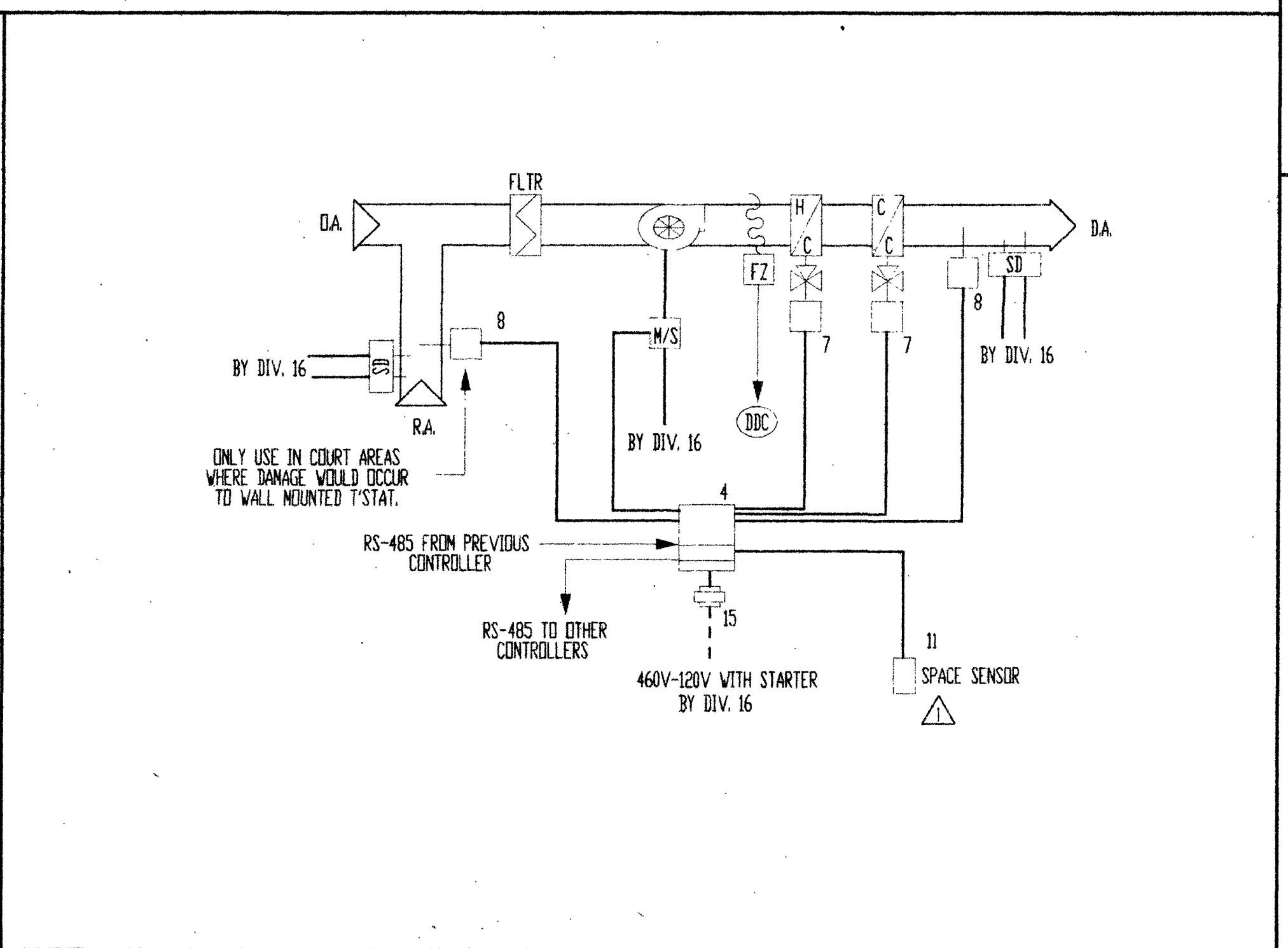


1 **CENTRAL PLANT CONTROL DIAGRAM**
 M.B.1 NOT TO SCALE



2 **AIR HANDLER CONTROL DIAGRAM**
 M.B.1 NOT TO SCALE



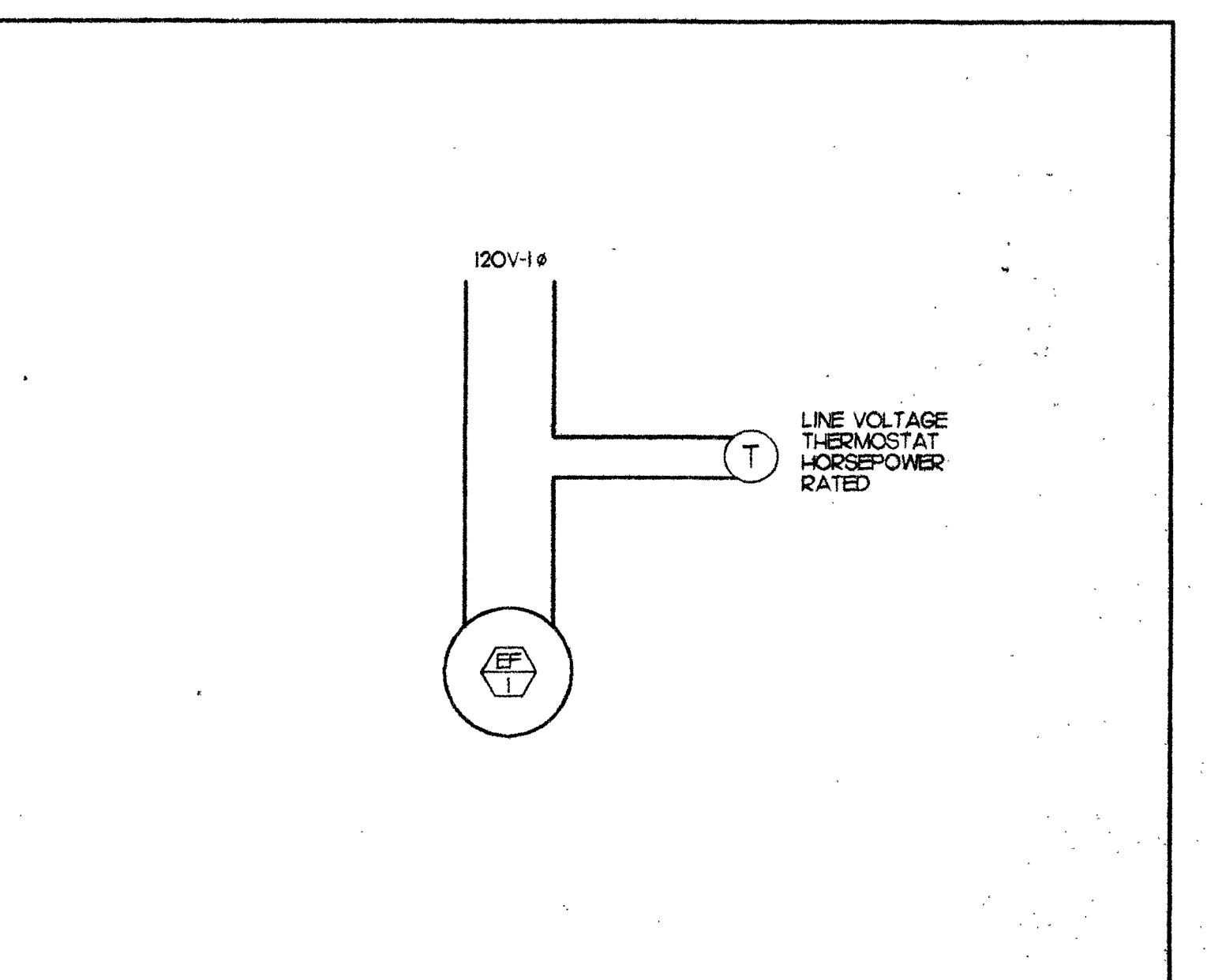
3 **FAN COIL CONTROL DIAGRAM**
 M.B.1 NOT TO SCALE

LEGEND

- ITS PROGRAMMABLE ROOM SENSOR
- T DUCT SENSOR
- T/W DUCT SENSOR WITH AVG. ELEMENT
- T/W Immersion Sensor with Bulb Well
- FZ/W LOW TEMPERATURE DUCT DEVICE
- Three Way Control Valve
- PS FLOW SWITCH
- VAV/DDC CONTROLLER AND ACTUATOR
- DAMPER ACTUATOR
- Current Sensor Relay
- SD DUCT SMOKE DETECTOR (DIV. 16)
- M/S MOTOR STARTER
- DIV. 16 CONDUIT/WIRING
- DIV. 15 CONDUIT/WIRING
- DDC = EMS POINTS

CONTROL MATERIAL LEGEND

TAG	DESCRIPTION
1	CENTRAL DIGITAL CONTROLLER (LOCATED IN RM. 141)
2	2400 BAUD MODEM
3	CENTRAL PLANT CONTROLLER
4	UNIT CONTROLLER
5	OUTDOOR AIR SENSOR
6	120/240VAC TRANSFORMER
7	3-WAY VALVE
8	DUCT SENSOR
9	CURRENT SENSOR
10	WATER TEMPERATURE SENSOR
11	SPACE TEMPERATURE SENSOR
13	ECONOMIZER DAMPER ACTUATORS
14	VARIABLE FREQUENCY DRIVE
15	277/240VAC TRANS
16	PORTABLE OPERATORS TERMINAL
17	PRINTER (LOCATED IN RM. 141)



4 **EXHAUST FAN CONTROL DIAGRAM**
 M.B.1 NOT TO SCALE

REVISION	DESCRIPTION	DATE	REV. BY

WAYNE SCHREIBER AIA
 THOMAS M. SILVA AIA

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 LAS VEGAS, NV 89102
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 FAX 383-0057



MECHANICAL TEMPERATURE CONTROL DIAGRAMS
 Job Title
 CITY OF LAS VEGAS DEPARTMENT OF PARK AND LEISURE ACTIVITIES
 THE ARBORS COMMUNITY CENTER @ SUMMERLIN
 Verify all Dimensions and Conditions at the Site

Job	961001
Date	2-20-98
Drawn By	DGD
Check	KJK
Sheet	M5.1
Of	671-48
9 of 10	

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