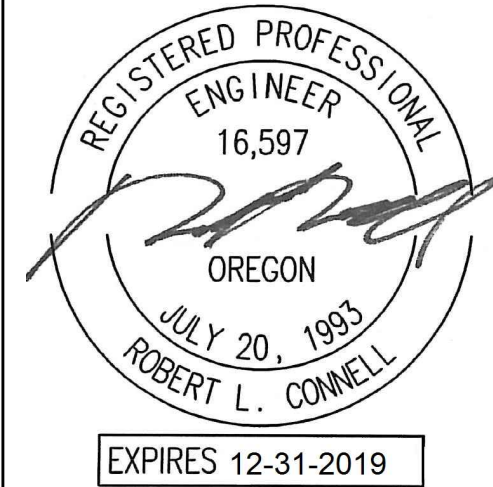


HALSEY 106

JOB NO. 17-067.00



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PERMIT SET

09.17.2018

issue:

date:

50% DD	04.30.2018
100% DD	06.18.2018
50% CD	08.03.2018
PERMIT SET	09.17.2018



revision:

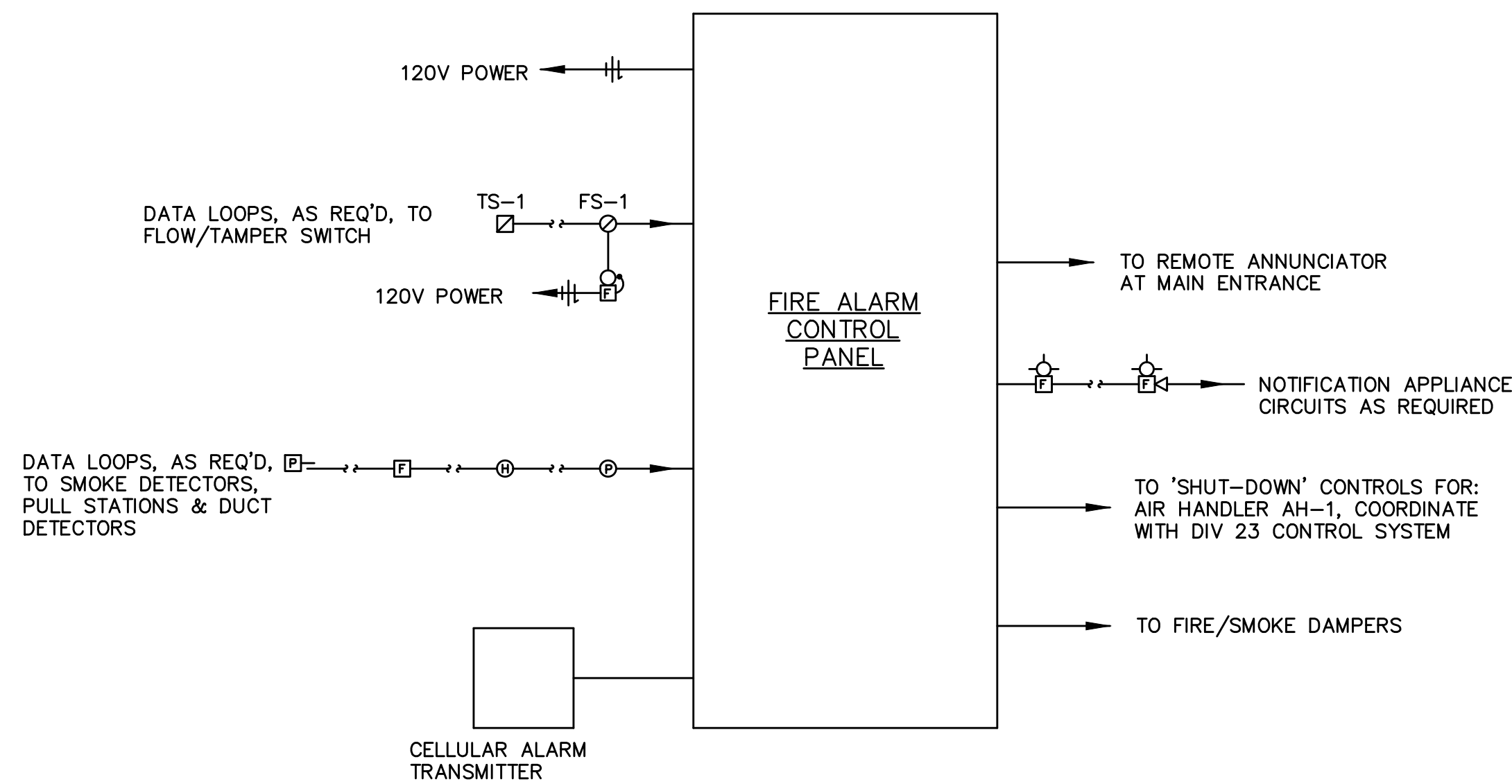
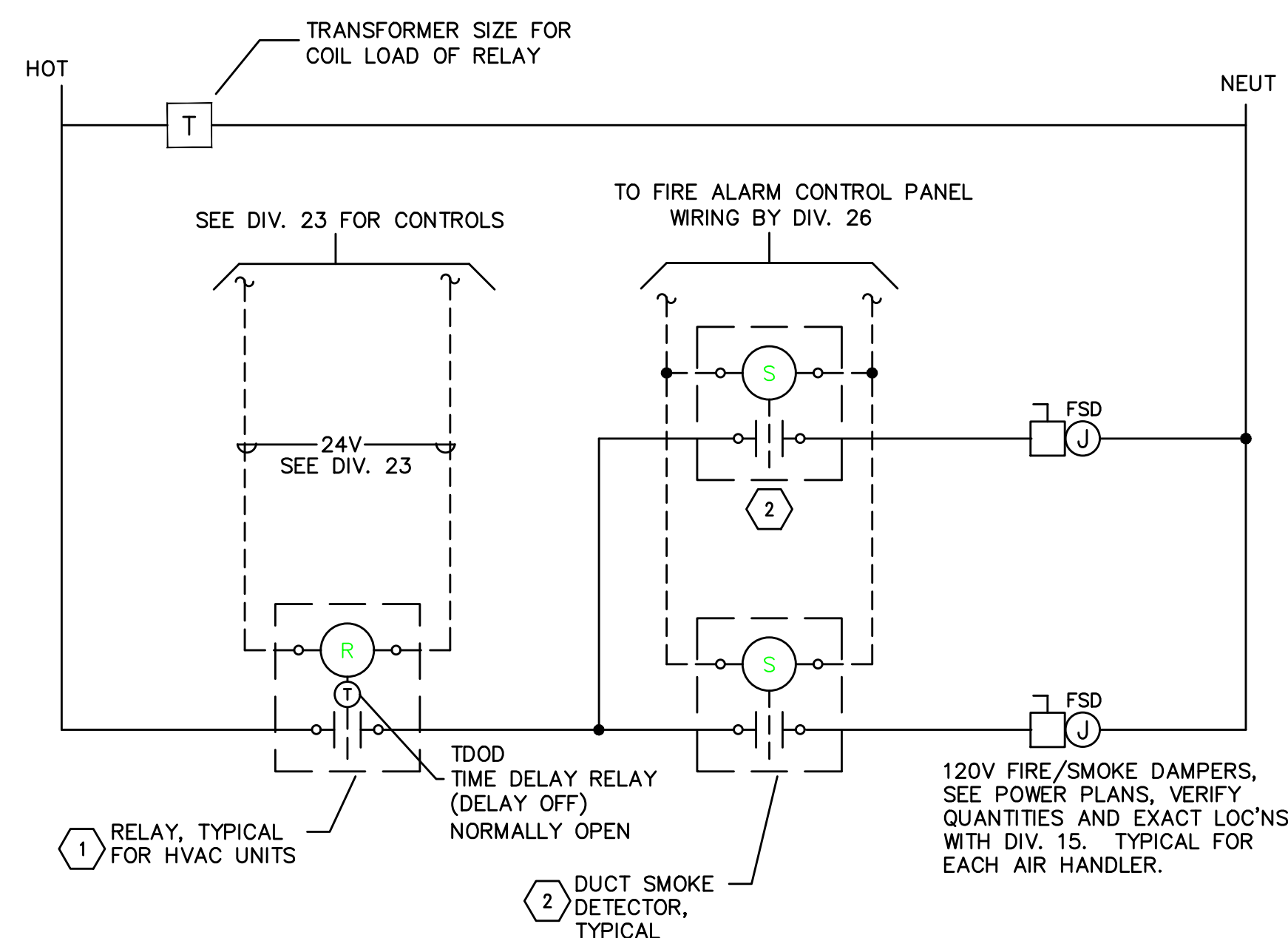
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FIRE ALARM
ONE-LINE
DIAGRAMS

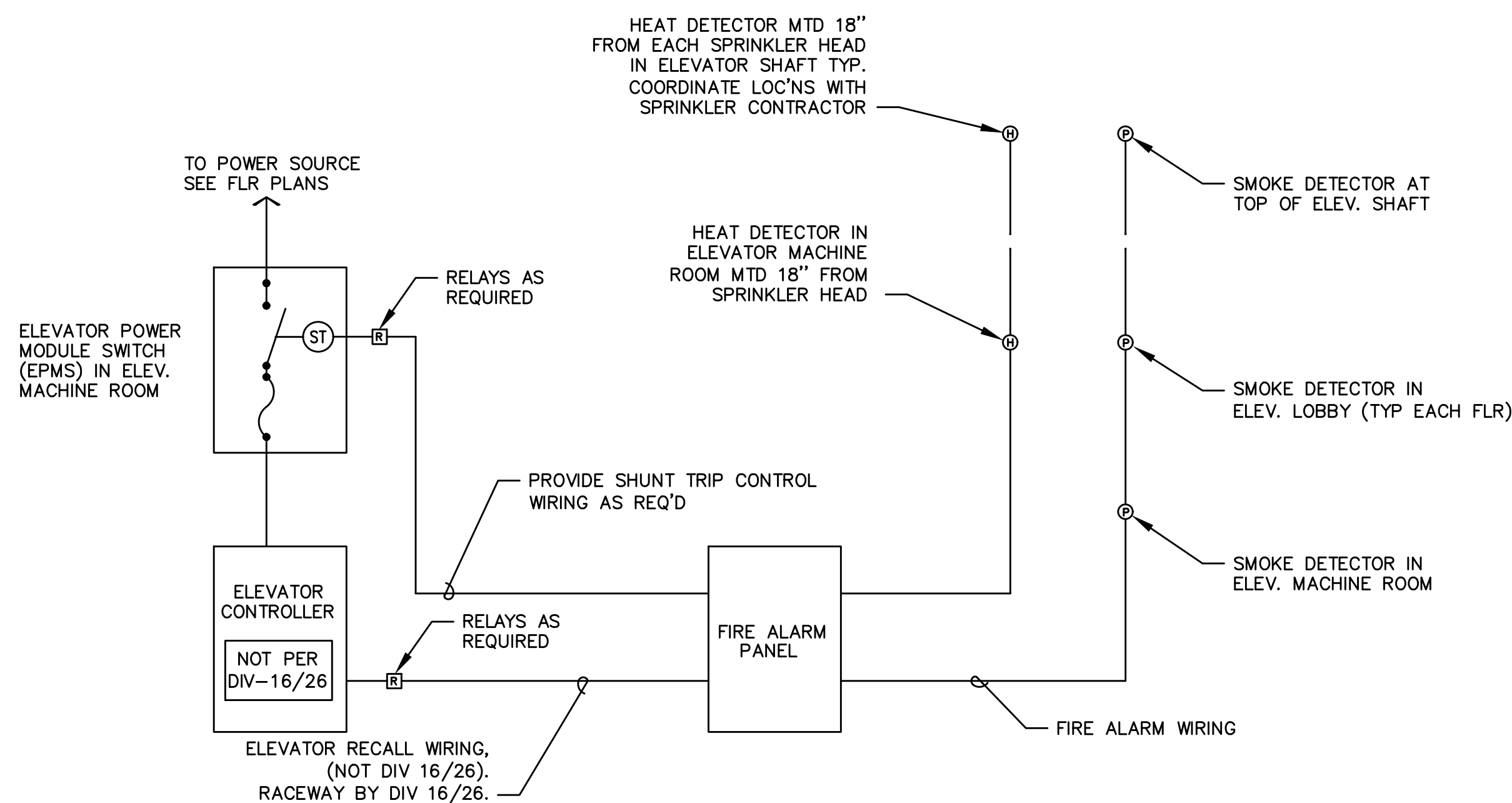
sheet:

T2.00

1 FIRE ALARM DETAIL
T2.00 N.T.S.

NOTES

- 1 RELAY TO BE 'NORMALLY OPEN'. TDOD (TIME DELAY ON DE-ENERGY) SET FOR 15 SECONDS. RELAY TO CLOSE UPON SIGNAL FROM HVAC CONTROL SYSTEM (ALLOWS DAMPER TO OPEN); DAMPERS TO CLOSE ON DE-ENERGIZE AFTER 15 SEC. TIME-OUT. PROVIDE WITH 20A CONTACTS AND COIL VOLTAGE AS REQ'D BY HVAC CONTROL SYSTEM. EACH RELAY TO CONTROL FIRE/SMOKE DAMPERS ASSOCIATED WITH ITS RESPECTIVE AIR HANDLER. MOUNT RELAYS IN NEMA 1 ENCLOSURE ADJACENT TO HVAC CONTROL PANEL.
- 2 DUCT SMOKE DETECTOR WITH AUXILIARY CONTACTS MOUNTED WITHIN 5 FT OF EACH FIRE/SMOKE DAMPER IN ACCORDANCE WITH U.B.C. 713.10. 20A RATED AUXILIARY CONTACTS TO BE 'NORMALLY ENERGIZED' TO KEEP DAMPER IN OPEN POSITION, DAMPERS TO CLOSE WHEN CONTACTS ARE DE-ENERGIZED.

3 FIRE/SMOKE DAMPER DETAIL
T2.00 NTS

NOTES

1. CONNECT HEAT DETECTORS IN MACHINE RM AND ELEVATOR SHAFT SUCH THAT AN ALARM CONDITION WILL ACTIVATE SHUNT TRIP DEVICE IN 'EMPS'.
2. CONNECT SMOKE DETECTORS IN MACHINE ROOM, ELEVATOR LOBBYS, AND ELEVATOR SHAFT SUCH THAT AN ALARM CONDITION WILL ACTIVATE ELEVATOR RECALL SYSTEM. COORDINATE WITH ELEVATOR SUPPLIER.

2 ELEVATOR RECALL & AUTO DISCONNECT DETAIL
T2.00 NTS

FIRE ALARM AND DETECTION SYSTEM SHOWN ON PLAN(S) ARE FOR DESIGN INTENT ONLY. THIS IS A DEFERRED SUBMITTAL SYSTEM REQUIRING THE CONTRACTOR TO COMPLETE THE PERMIT READY DESIGN AND CALCULATIONS AS REQUIRED PER THE AUTHORITY HAVING JURISDICTION. VERIFY BUILDING OCCUPANCY TYPE AND OCCUPANT LOAD WITH ARCHITECTURAL PLANS.