

**THE SAENGER
THEATRE RENEWAL
PROJECT**

142 North Rampart Street
New Orleans, LA

Client
Saenger Theatre Redevelopment Company
200 West Loop South, Suite
1040 Houston TX 77027

Architect
**MARTINEZ+JOHNSON
ARCHITECTURE**

1412 Eye St., NW
Washington, DC 20005
202.333.4480

Structural Engineer
Shawn J. Franke, P.E.
549heimer Road San
Antonio TX 78232
210.979.7900

Theatre Consultant
Schuler Shook
123 Third Street North #210
Minneapolis, MN 55401
612.333.5659

Acoustical Engineer
Akustiks
93 North Main Street South
Norwalk, CT 06584
202.299.1904

MEP Engineer
JBA Consulting Engineers, Inc.
3525 N. Causeway Blvd. Suite
500 Metairie, LA 70002
504.830.0139

Civil Engineer
Linfield, Hunter, & Junius, Inc.
3608 18th Street Suite 200
Metairie, LA 70002
504.833.5390

Architectural Historian
EHT Traceries, Inc.
1121 Fifth Street NW
Washington, DC 20001
202.393.1199

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DATE:	No.:	ISSUE:
02.19.10	1	PERMIT SET
04.02.10	2	GMP CONTRACT SET

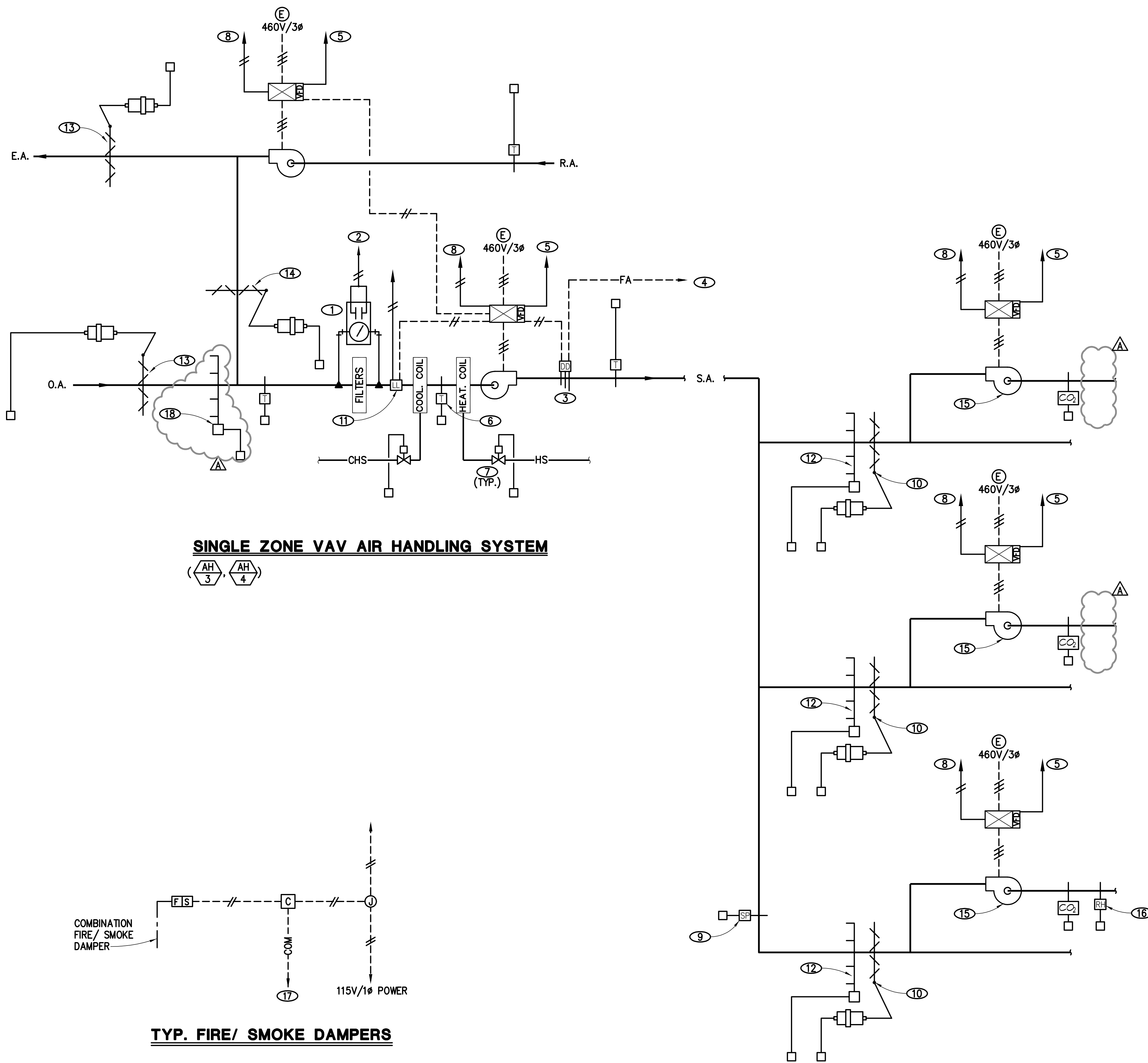
DATE:	No.:	REVISION:
11.11.10		CONTRACT SET

SHEET TITLE:
WIRING DIAGRAMS

M-0.09

NOTES

- ① DWYER MAGNEHELIC FILTER GAUGE. FURN. W/ 0-2" W.C. RANGE, RED FLAG INDICATOR, VENT VALVES, PITOT TUBES, TUBING, DIFF. PRESSURE SWITCH FOR INTERFACE W/ EMCS (DIRTY FILTER ALARM).
- ② EMCS INTERFACE FOR DIRTY FILTER ALARM.
- ③ PHOTOELECTRIC TYPE DUCT SMOKE DETECTOR TO DENERGIZE FAN & ANNUNCIATE AT FIRE ALARM UPON SENSING SMOKE.
- ④ TO FIRE ALARM SYSTEM.
- ⑤ SPEED CONTROL SIGNAL VIA EMCS.
- ⑥ COOLING COIL DISCHARGE AIR TEMPERATURE
- ⑦ 2-WAY CONTROL VALVE. SELECT FOR MAX. 5 PSIG WPD AT SCHEDULE FLOW & 50 PSIG SHUT-OFF.
- ⑧ START/STOP VIA EMCS.
- ⑨ STATIC PRESSURE TRANSMITTER.
- ⑩ ZONE DAMPER
- ⑪ LOW LIMIT TEMPERATURE CONTROL TO DEENERGIZE FAN & ANNUNCIATE AT FRONT END EMCS UPON SENSING IMPENDING FREEZE CONDITION (FIELD ADJUSTABLE).
- ⑫ DUCT MOUNTED AIR FLOW MEASURING STATION.
- ⑬ DAMPER SHALL FAIL CLOSED.
- ⑭ DAMPER SHALL FAIL OPEN.
- ⑮ SPACE RETURN FAN.
- ⑯ DUCT MOUNTED RELATIVE HUMIDITY SENSOR.
- ⑰ FIRE ALARM COMMUNICATIONS TRUNK TO AND FROM OTHER RELAYS AND MONITOR RELAYS.
- ⑱ UNIT MOUNTED AIR FLOW MEASURING STATION.



SINGLE ZONE VAV AIR HANDLING SYSTEM

(AH 3, AH 4)

TYP. FIRE/ SMOKE DAMPERS

AUTO. TEMPERATURE CONTROL/ EMCS WIRING DIAGRAMS

NO SCALE

1
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RE-NUMBERED SHEET

09.0394