

SLCH - ED and Surgery

Samaritan Health Services: Lebanon Community Hospital

525 N. Santiam Highway, Lebanon, OR 97355



ISSUE DATE: 06.05.2015

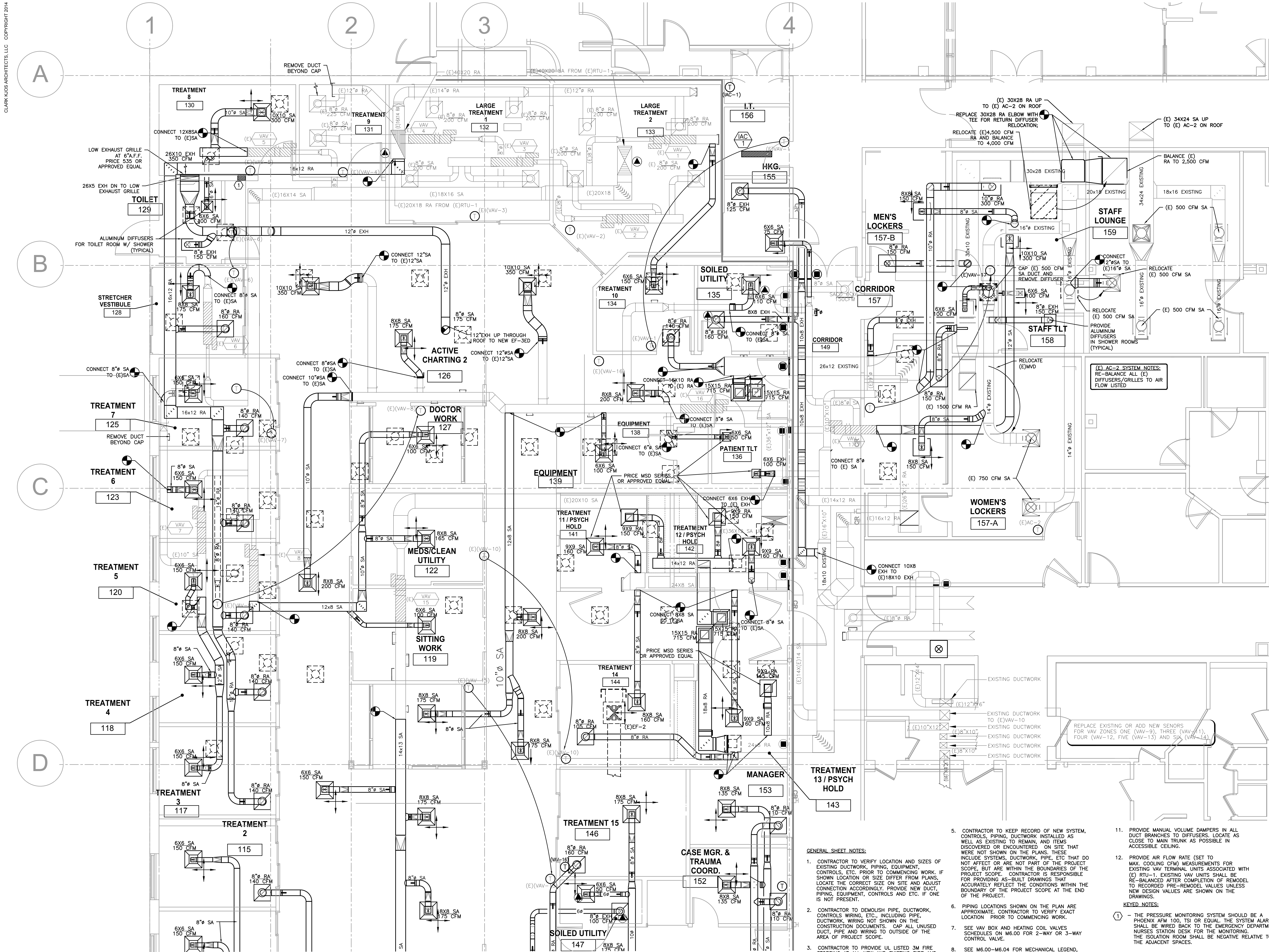
REVISIONS:

- | NO. | DATE | DESCRIPTION |
|-----|------------|---------------|
| 1 | 06.05.2015 | ISSUE |
| 2 | 10-5-15 | SAME DAY REV. |
| 3 | 4-14-17 | CCD # 05 |
| 4 | 2-12-18 | CCD # 10 |

Permit Set

PARTIAL
FLOOR PLAN -
HVAC

M2.11



1 PARTIAL FLOOR PLAN - HVAC
M2.11 SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES:

- CONTRACTOR TO VERIFY LOCATION AND SIZES OF EXISTING DUCTWORK, PIPING, EQUIPMENT, CONTROLS, ETC. PRIOR TO COMMENCING WORK. IF SHOWN LOCATION OR SIZE DIFFER FROM PLANS, LOCATE THE CORRECT SIZE ON SITE AND ADJUST CONNECTION ACCORDINGLY. PROVIDE NEW DUCT, PIPING, EQUIPMENT, CONTROLS AND ETC. IF ONE IS NOT PRESENT.
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- SEE VAV BOX AND HEATING COIL VALVES SCHEDULES ON M6.00 FOR 2-WAY OR 3-WAY CONTROL VALVE.
- SEE M6.00-M6.04 FOR MECHANICAL LEGEND, SCHEDULES AND DETAILS.
- PROVIDE ACCESS PANEL IF NECESSARY IN HARD LID CEILING OR WALL FOR ACCESS TO VAV UNITS OR HVAC EQUIPMENT THAT REQUIRES MAINTENANCE.
- PROVIDE VANES FOR ALL RECTANGULAR ELBOWS.

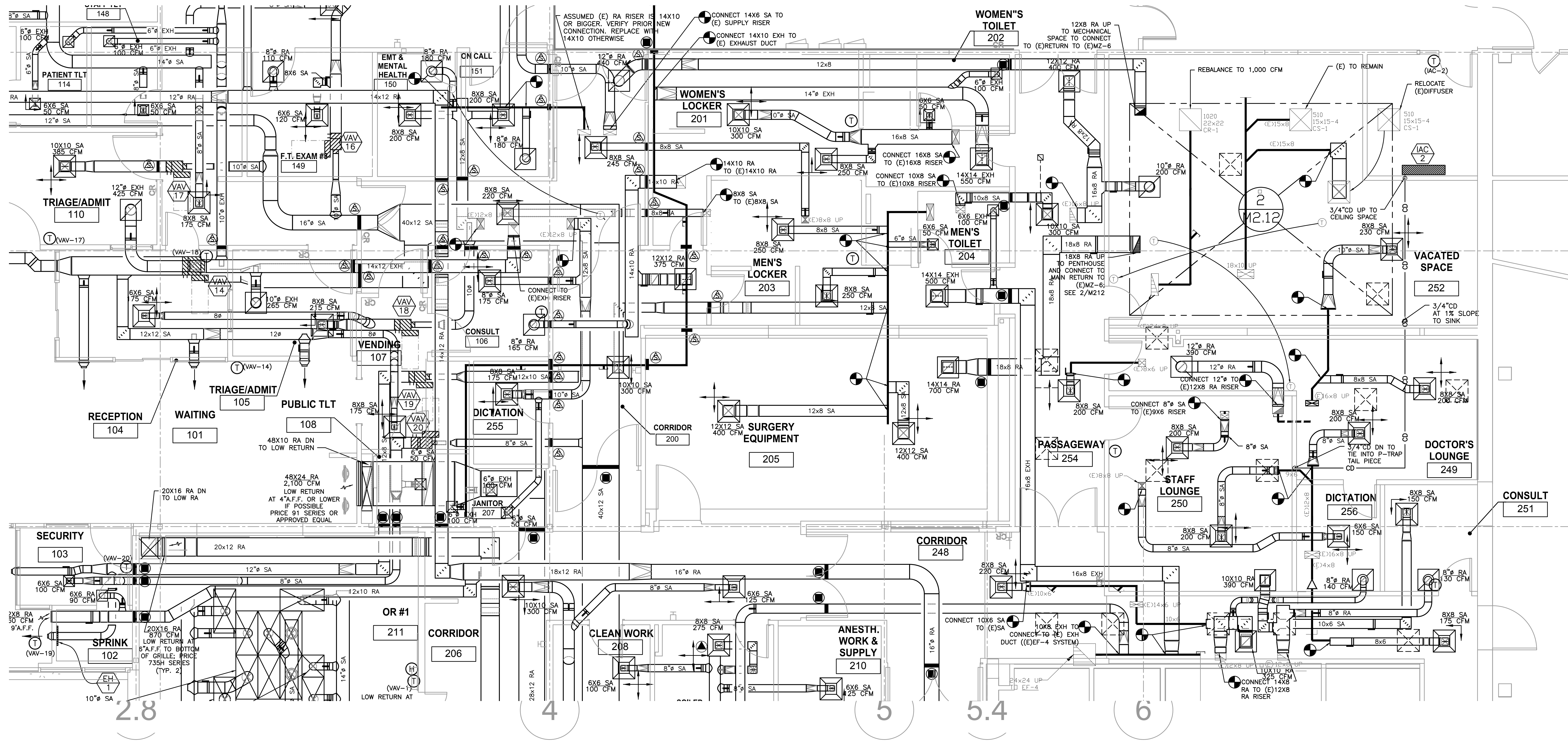
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- PROVIDE AIR FLOW RATE (SET TO MAX. COOLING CFM) MEASUREMENTS FOR EXISTING VAV TERMINAL UNITS ASSOCIATED WITH (E) RTU-1. EXISTING VAV UNITS SHALL BE RE-BALANCED AFTER COMPLETION OF REMODEL TO RECORDED PRE-REMODEL VALUES UNLESS NEW DESIGN VALUES ARE SHOWN ON THE DRAWINGS.

KEYED NOTES:

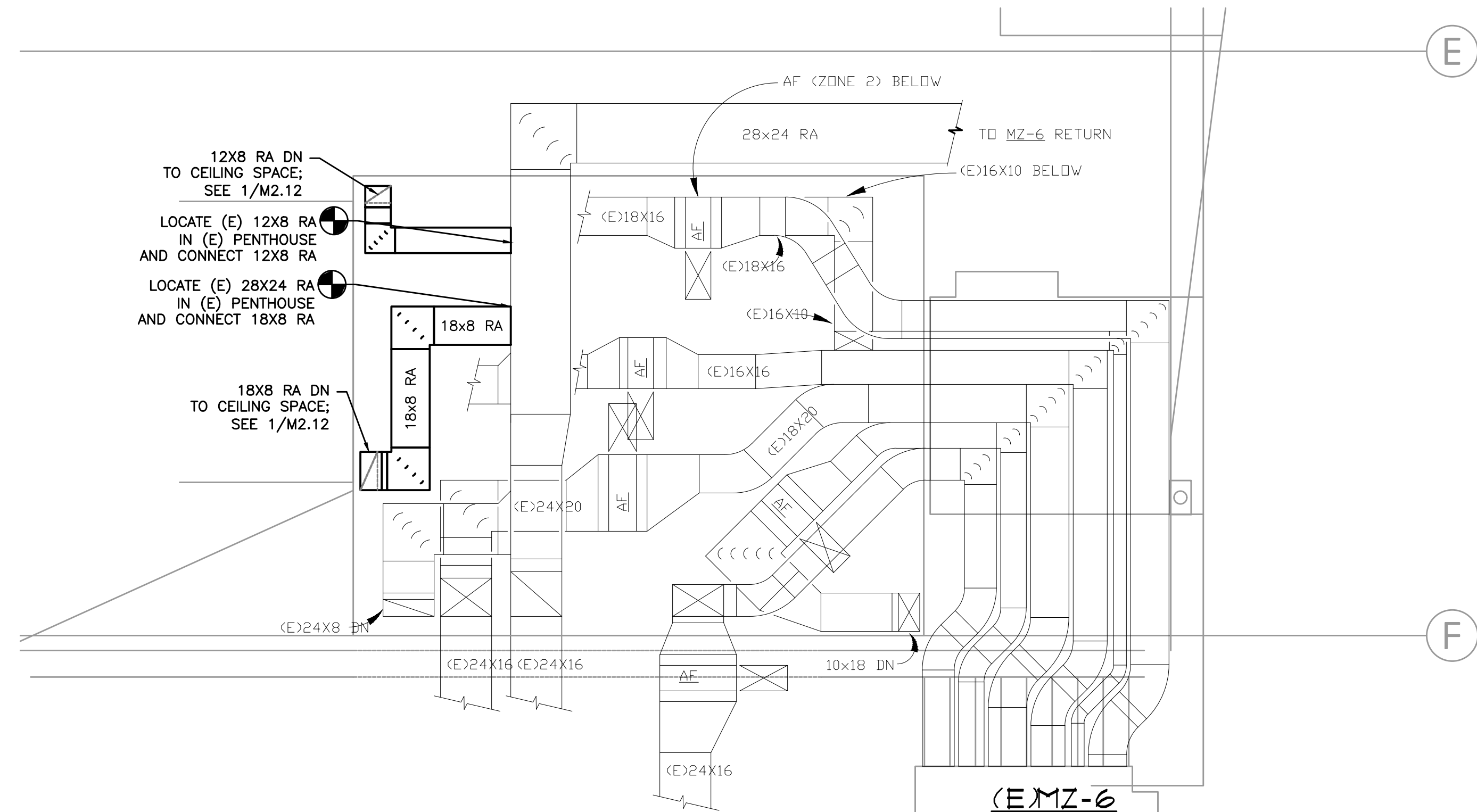
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(E) AC-2 SYSTEM NOTES:
RE-BALANCE ALL (E)
DIFFUSERS/GRILLES TO AIR
FLOW LISTED

REPLACE EXISTING OR ADD NEW SENSORS
FOR VAV ZONES ONE (VAV-9), THREE (VAV-11),
FOUR (VAV-12), FIVE (VAV-13) AND SIX (VAV-14).



1 PARTIAL FLOOR PLAN - HVAC
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2 MECHANICAL (E) PENTHOUSE PLAN - HVAC
SCALE: 1/4" = 1'-0"

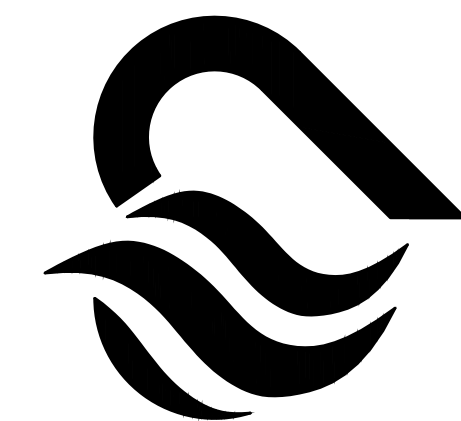
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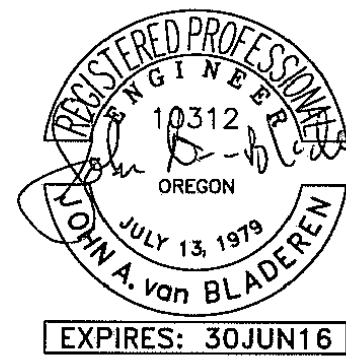
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- ASI #7 2-25-16
- CCD #1 6-2-16

PARTIAL FLOOR PLAN - HVAC

M2.12

CLARK KJOS ARCHITECTS, LLC

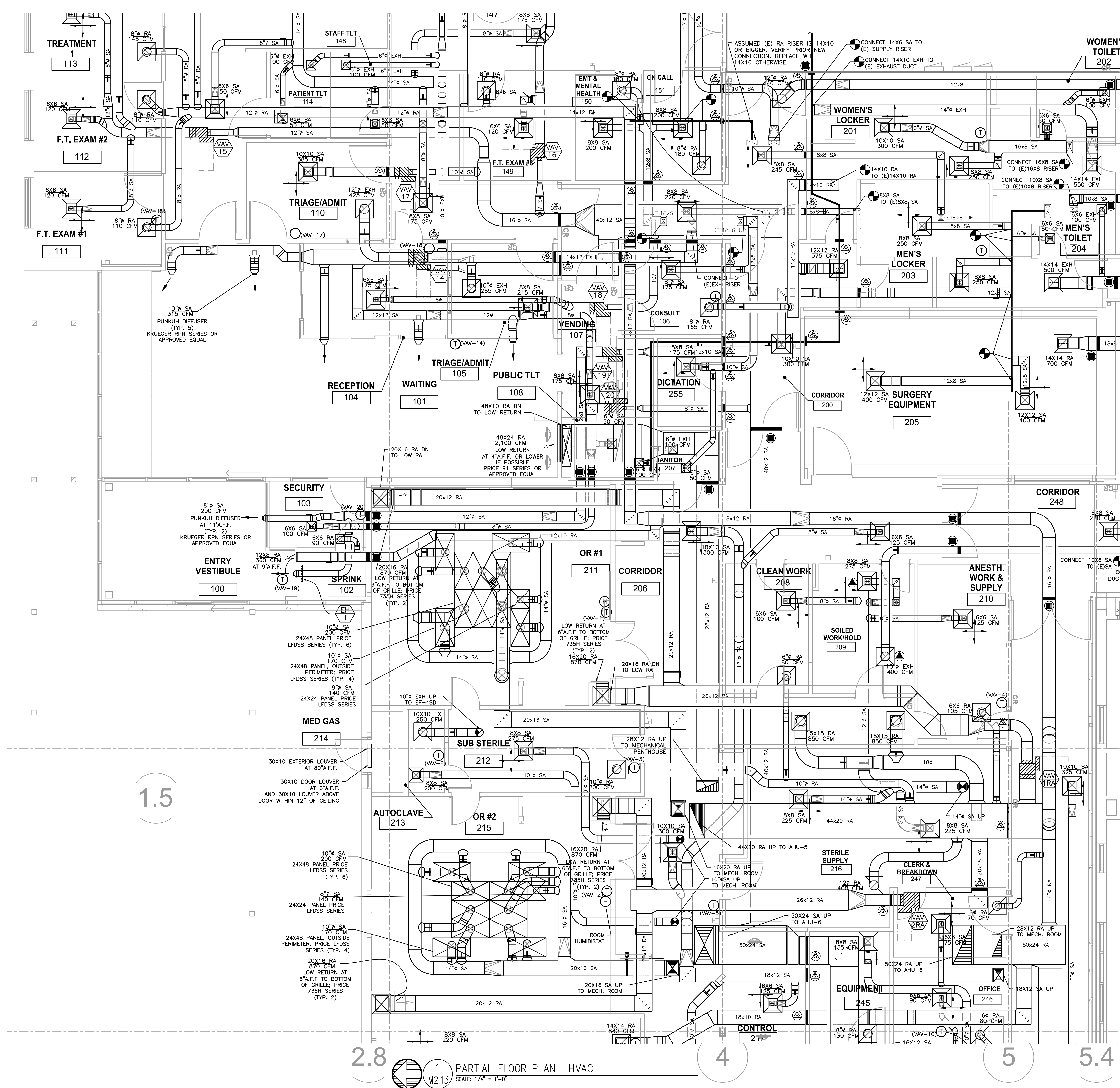


333 NW 5th Ave.
Portland, OR 97209
Phone: 503/224-4848
Fax: 503/224-7116

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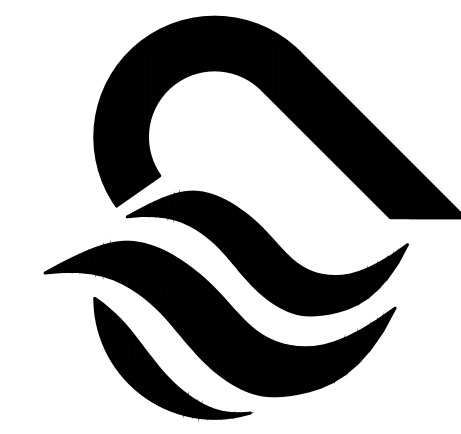
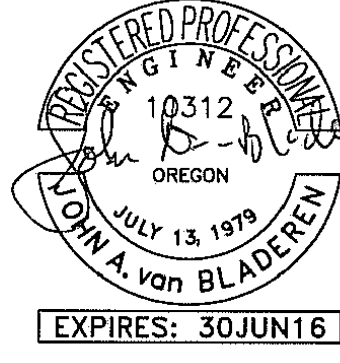
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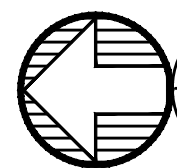
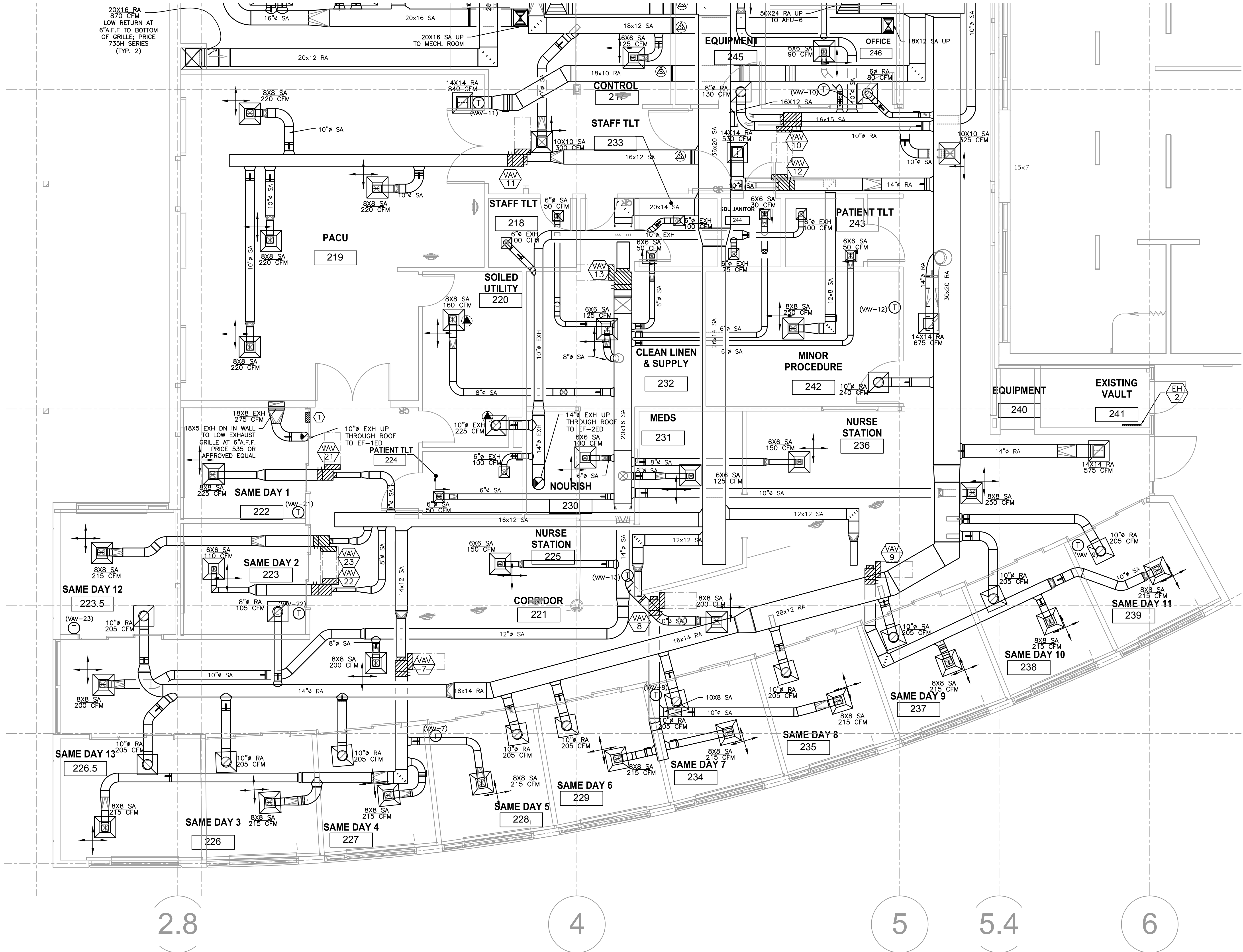
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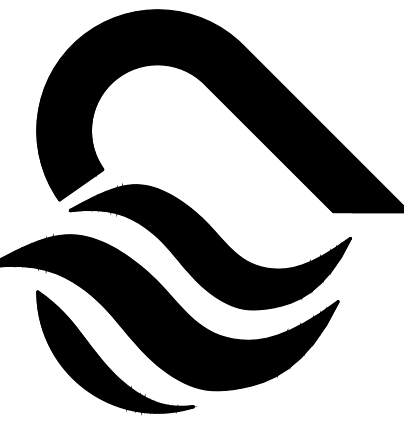
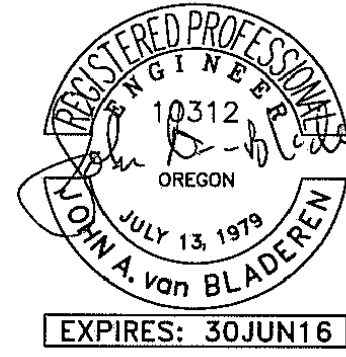
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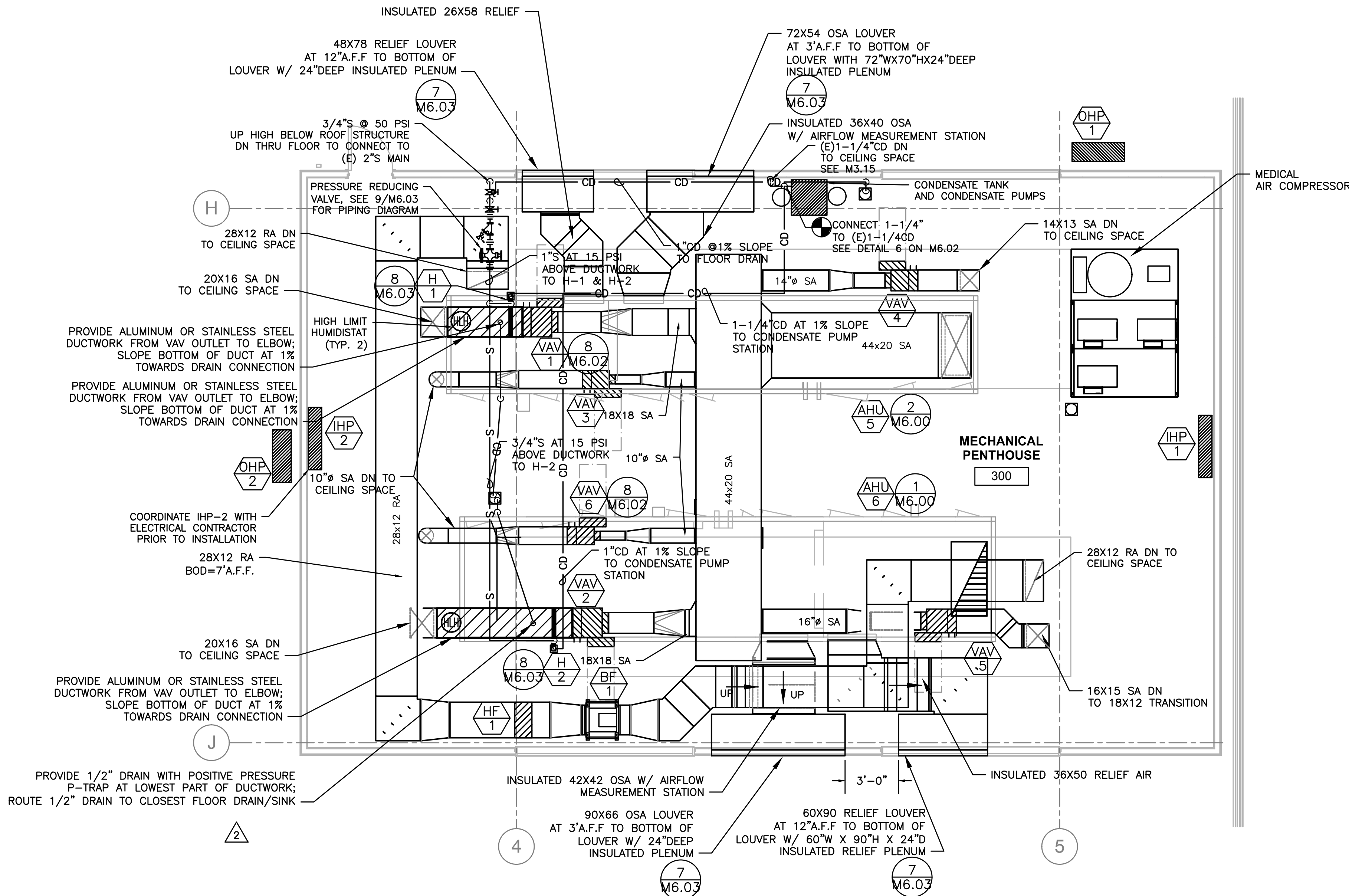
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1 PENTHOUSE HVAC FLOOR PLAN
M2.15 SCALE: 1/4" = 1'-0"

| DUCT HUMIDIFIER | |
|---|-------------------------|
| TYPE | DISPERSE STEAM MANIFOLD |
| ROOM SERVING | ORF1 & ORF2 |
| UNIT TAG | H1 H2 |
| ALTITUDE, FEET | 300 |
| SA CFM | 2,020 |
| OSA CFM | 600 |
| VELOCITY, FPM | 900 |
| DESIGN OUTDOOR TEMP./HUMIDITY | 0°F/78% |
| DESIGN EAT AND RELATIVE HUMIDITY | 75°F/35.4% |
| STEAM PSIG | 15.0 |
| DESIGN ROOM TEMPERATURE AND RELATIVE HUMIDITY | 75°F/50% |
| REQUIRED CAPACITY, LBS/HR | 23.4 |
| CAPACITY, LBS/HR | 27.0 |
| STEAM CONNECTION SIZE | 1/2" |
| DRAIN CONNECTION SIZE | 1" |
| DUCT HEIGHT X WIDTH, INCHES | 20X16 |
| MANIFOLD LENGTH, INCHES | 18 |
| DUCT HIGH LIMIT HUMIDISTAT | YES |
| CONTROL OPERATOR | ELECTRIC MODULATING |

BASIS OF DESIGN: ARMSTRONG HEM 90, 5/32 IN. ORIFICE

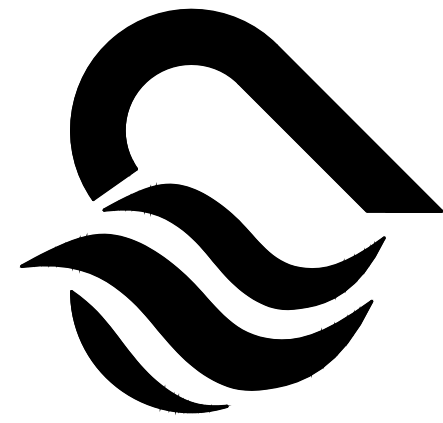
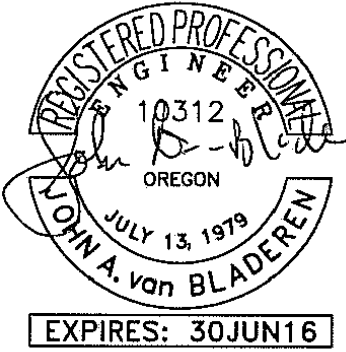
| CONTROLS FOR HUMIDIFIER H-1 & H-2 | | INPUT | | OUTPUT | | ALARM |
|-----------------------------------|--|---------|--------|---------|--------|-------|
| POINT DESCRIPTION | | DIGITAL | ANALOG | DIGITAL | ANALOG | |
| HUMIDIFIER CONTROL | | | | | | |
| HUMIDISTAT | | | X | | X | X |
| HIGH LIMIT HUMIDISTAT | | | X | | | X |
| TEMPERATURE SWITCH | | | X | | | |

HUMIDIFIER CONTROL NOTES:

- CONTROL CONTRACTOR TO PROVIDE TRANSFORMER FOR HUMIDIFIER CONTROLS.
- INTERFACE ASSOCIATED VAV AIRFLOW SWITCH WITH HUMIDIFIER TO TURN IT OFF WHEN THERE IS NO AIR FLOW.

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