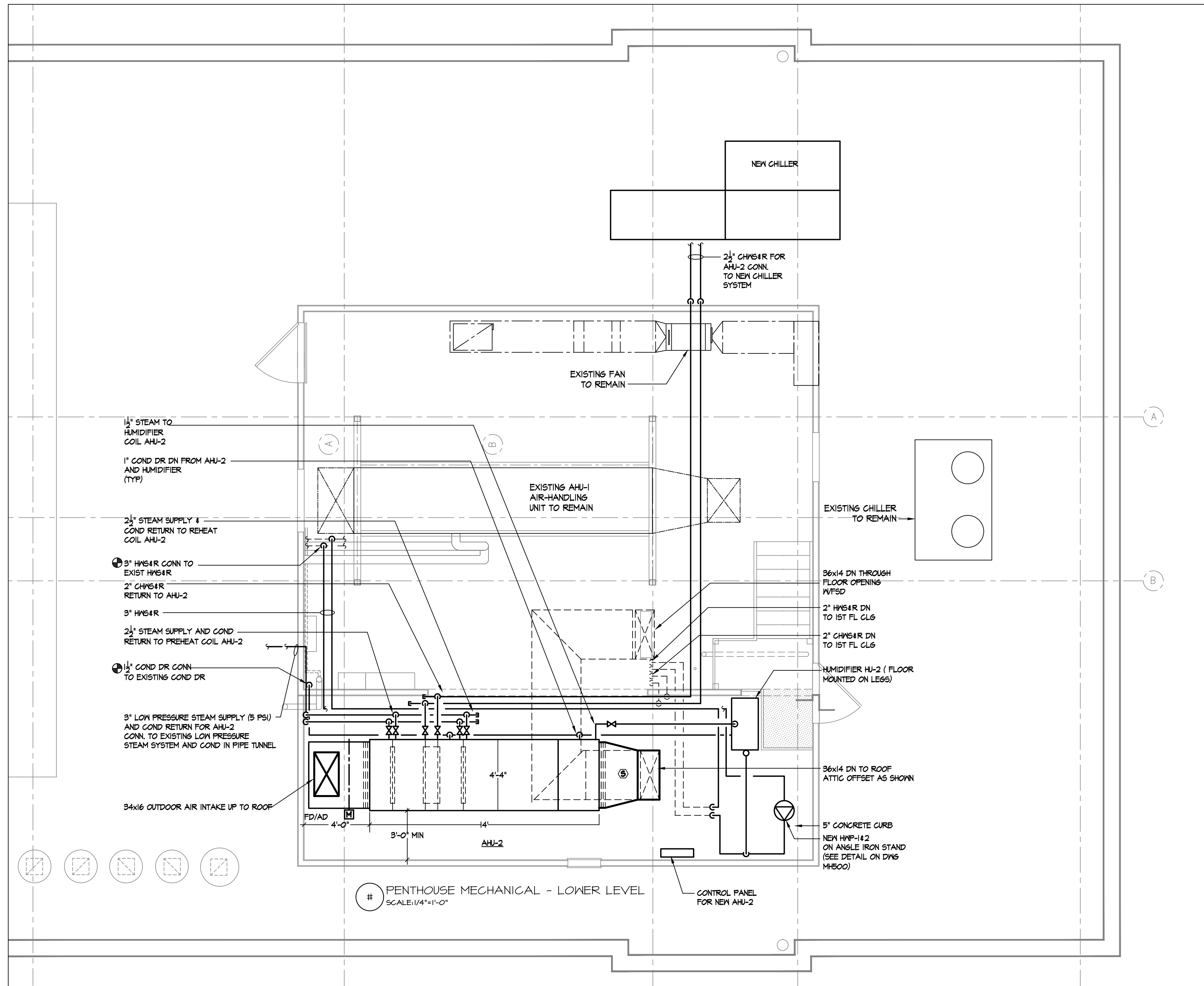
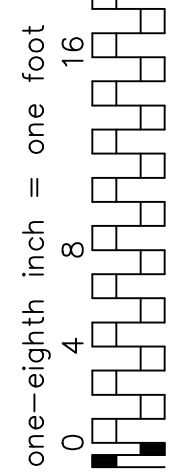
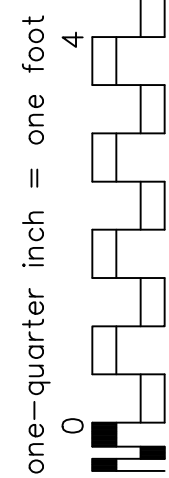
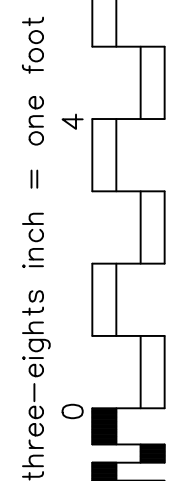
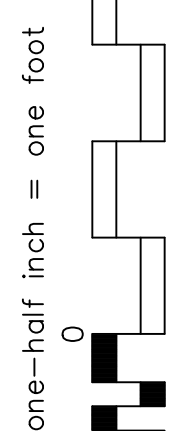
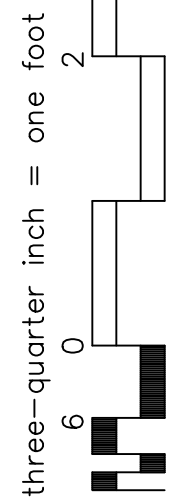
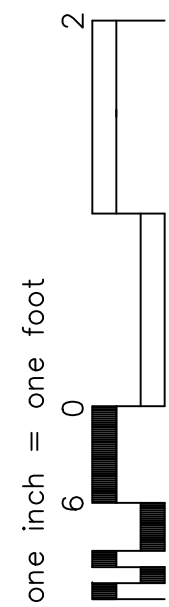


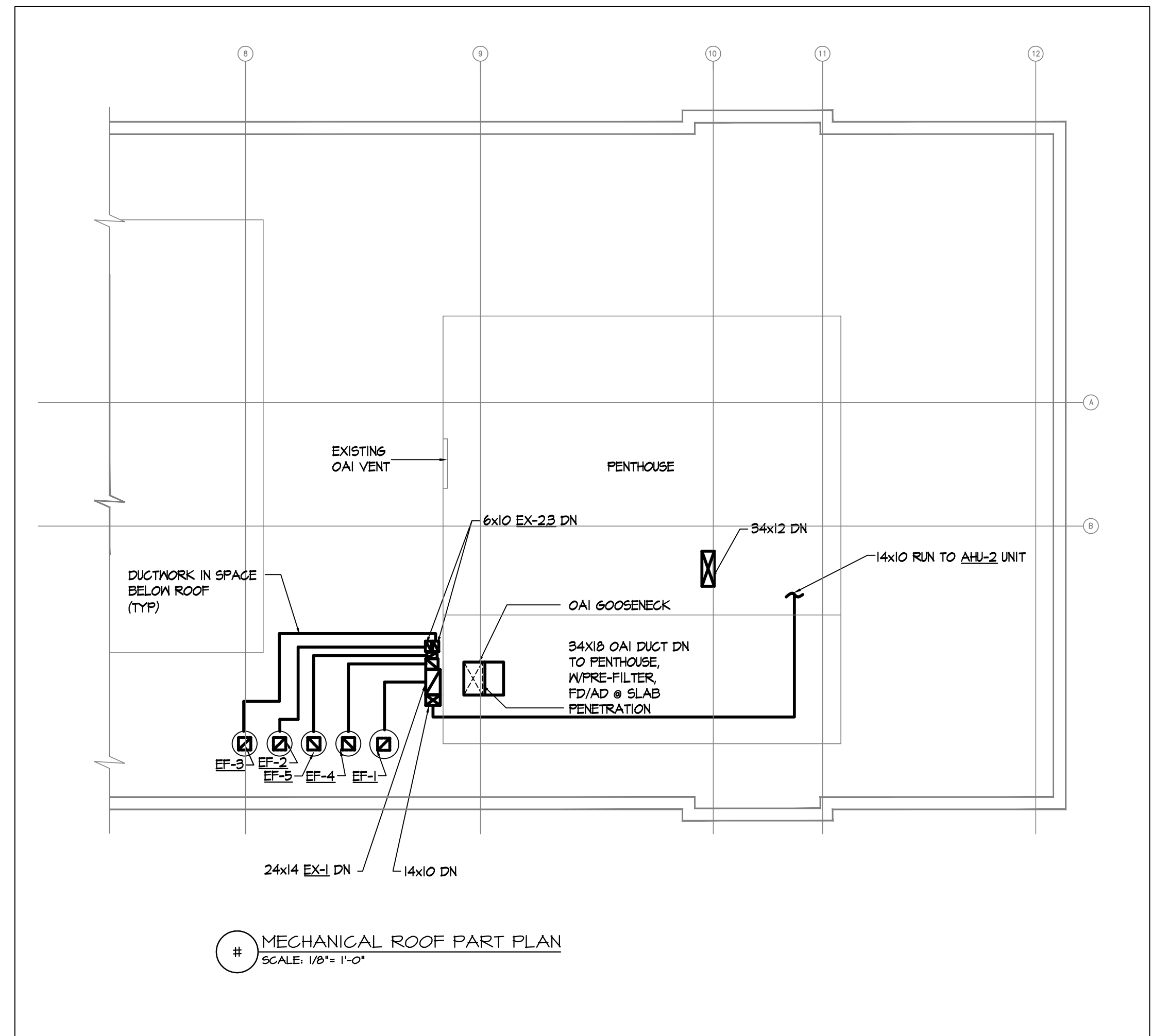
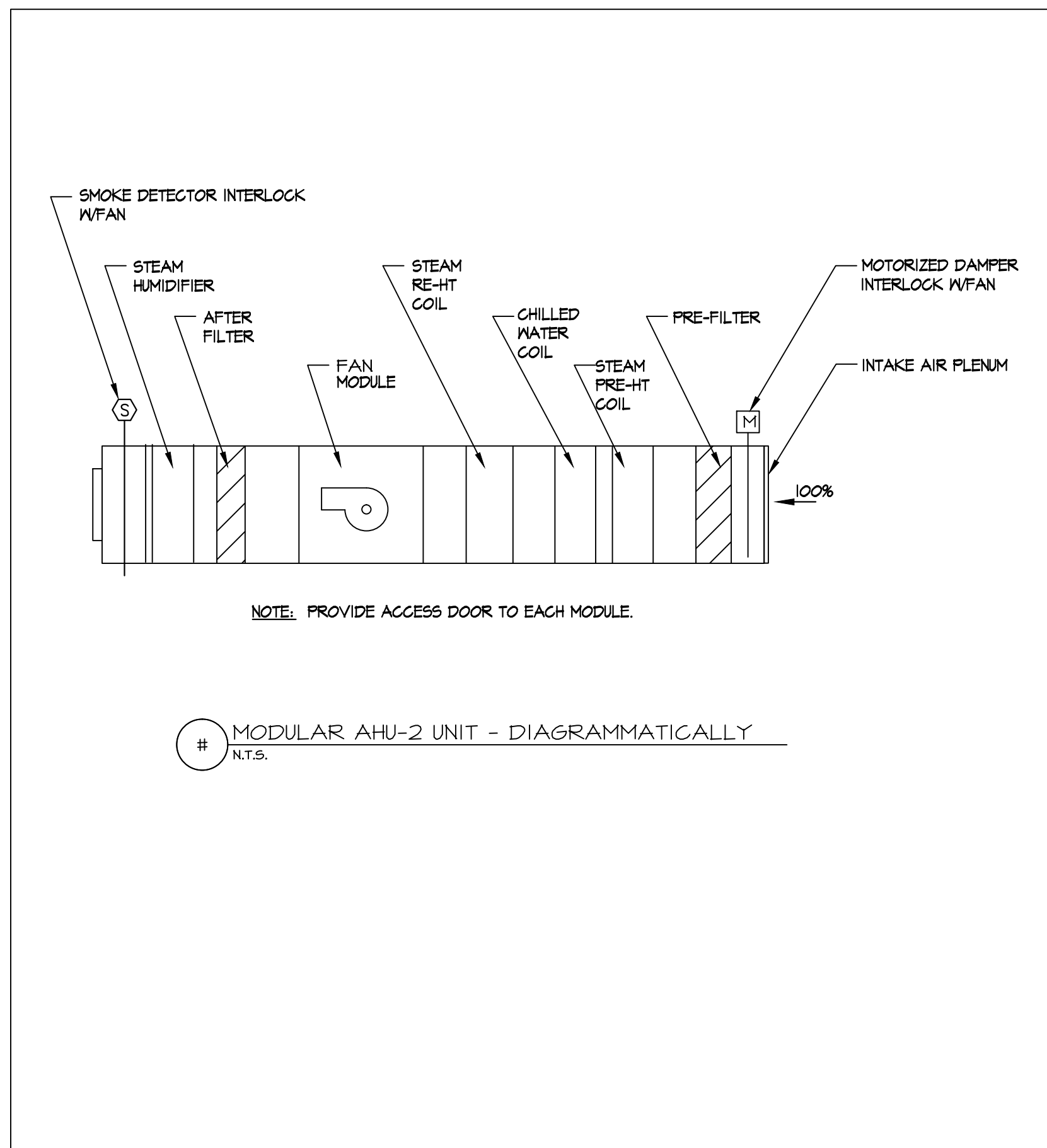
IF THIS SHEET IS NOT 30" x 42"
FULL SIZE, USE GRAPHIC SCALES



SEQUENCE OF CONTROL
1. OCCUPIED MODE
UPON A CALL FOR COOLING -
PACKAGED CHILLED WATER PUMPS WILL START, CHILLER STARTS, CHILLER MAINTAINS 45 DEGREE
CHILLED WATER SUPPLY TEMPERATURE.
AHU-2 CHILLED WATER CONTROL VALVE WILL OPEN IN RESPONSE TO RETURN AIR TEMPERATURE,
FULLY ADJUSTABLE.
INDIVIDUAL FAN COILS WILL CYCLE AS PER LOCAL THERMOSTAT.

UPON A CALL FOR HEATING -
STEAM PRE-HEAT CONTROL VALVE WILL OPEN TO PRE HEAT OUTDOOR AIR.
STEAM RE-HEAT COIL WILL OPEN TO IN RESPONSE TO RETURN AIR TEMPERATURE, FULLY
ADJUSTABLE.
HOT WATER PUMP SHALL START (LEAD LAG CONTROLLER SHALL ALTERNATE PUMPS) UPON A CALL
FOR HEAT FROM ANY FAN COIL.
INDIVIDUAL FAN COILS WILL CYCLE AS PER LOCAL THERMOSTAT.

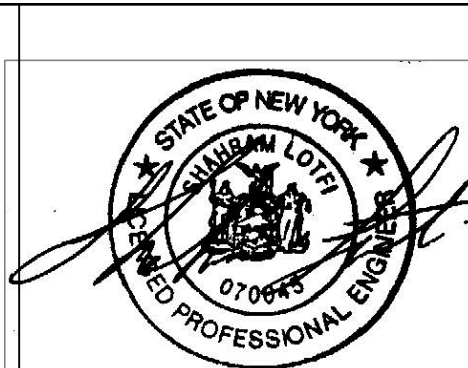
EXHAUST FANS - SEE FAN SCHEDULE FOR INTERLOCKS.



EMTG
Consulting Engineers

TEL: 212-268-6465 FAX: 212-268-6467

115 WEST 30TH STREET, SUITE 202, NEW YORK, NY 10001



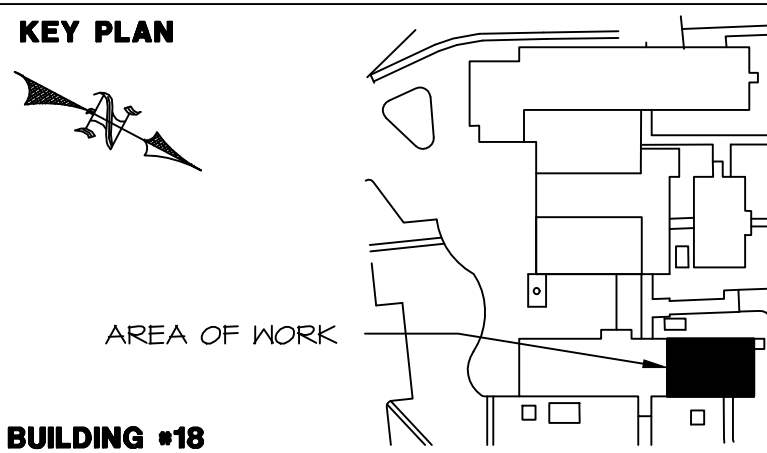
Revisions
VA FORM 08-6231, DEC 1989

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42 MEMORIAL PLAZA, SUITE 301, PLEASANTVILLE, N.Y. 10570

PHONE: (914) 747-0002 E-MAIL: kmandrade@kiorch.com FAX: (914) 747-9211

NOTE AND READ CAREFULLY:
The Contractor shall consult and study the requirements of each and every drawing and each specification section of this contract so that he/she may become acquainted with the project as a whole in order to determine how the work of his/hers subcontractor or vendor may affect the work required under this contract.

Written Specifications are part of this contract



Drawing Title
HVAC PENTHOUSE PLAN

Approved: Division Chief

Approved: Service Director

Project Title
**Renovation to Dental Clinic
Building 18
Healthcare System
Castle Point, New York**

Building Number
18

Checked
SL

Drawn
WS/DH

Location
Castle Point, New York

Date
4/23/2012

Project No.
620-A409-110

DRAWING NO.
MH102

Dwg. 450f 52

