

SECOND FLOOR HVAC PLAN

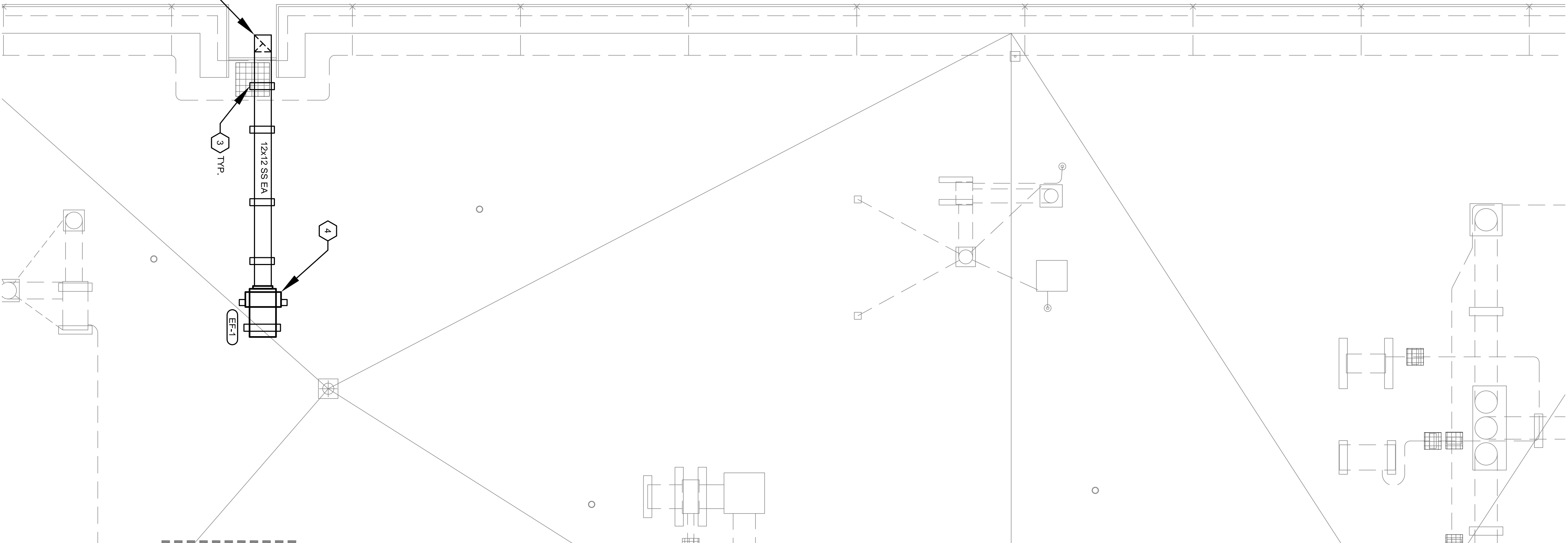


SCALE: 1/4" = 10'

CONSULTANTS:



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THIRD FLOOR HVAC PLAN



SCALE: 1/4" = 10'

ARCHITECTS/ENGINEERS:

Drawing Title

PARTIAL SECOND AND  
THIRD FLOOR HVAC PLANS

Approved Project Director

Project Title

NECROPSY TABLE  
EXHAUST

Location

Date  
08/28/2014

Checked  
LDH

Drawn  
AMM

Dwg. of --

Project Number

Building Number  
1

Drawing Number

M2

MARK	EF-1
STYLE	CENTRIFUGAL
TYPE	UTILITY
PERFORMANCE	
AIR FLOW (CFM)	1320
STATIC PRESSURE (IN W.G.)	1.00
FRPM	1502
NOISE LEVEL (SONES)	10.9
MOTOR	
TYPE OF DRIVE	BELT
MOTOR SIZE (HP)	1/2
VOLTS-PHASE-HERTZ	120-1-60
ACCESSORIES	
VARIABLE SPEED MOTOR CONTROLLER	NO
FACTORY DISCONNECT	NO
GRAVITY BACKDRAFT DAMPER	YES
MOTORIZED BACKDRAFT DAMPER	NO
ALUMINUM BROSGREEN	NO
MANUFACTURER'S ROOF CURB	NO
SPARK PROOF CONSTRUCTION	YES
SINGLE POINT POWER CONNECTION	YES
NOTES	1

CODED NOTES:

- 12x12 SS EA UP AND DOWN, ROOF OUTLETWORK TO BUILDING WITH LUMBER TRUSS FRAMING. PROVIDE ROOF CURB AT ROOF PENETRATION. FLASH CURB TO ROOF.
- 12x12 EA DUCT DOWN.
- PROVIDE DUCT/EQUIPMENT RAILS EVERY 5'-0" O.C. AND AT EACH CHANGE IN DIRECTION. FLASH TO ROOF.
- NEW NECROPSY TABLE EF, MOUNT ON ROOF EQUIPMENT RAILS. FLASH TO ROOF. REFER TO DETAIL AND SCHEDULE.

FANS (EF)

MARK	EF-1
STYLE	CENTRIFUGAL
TYPE	UTILITY
PERFORMANCE	
AIR FLOW (CFM)	1320
STATIC PRESSURE (IN W.G.)	1.00
FRPM	1502
NOISE LEVEL (SONES)	10.9
MOTOR	
TYPE OF DRIVE	BELT
MOTOR SIZE (HP)	1/2
VOLTS-PHASE-HERTZ	120-1-60
ACCESSORIES	
VARIABLE SPEED MOTOR CONTROLLER	NO
FACTORY DISCONNECT	NO
GRAVITY BACKDRAFT DAMPER	YES
MOTORIZED BACKDRAFT DAMPER	NO
ALUMINUM BROSGREEN	NO
MANUFACTURER'S ROOF CURB	NO
SPARK PROOF CONSTRUCTION	YES
SINGLE POINT POWER CONNECTION	YES
NOTES	1

1. DISCONNECT BY EC.

SEQUENCE OF OPERATION FOR EXHAUST FAN

FAN OPERATION:

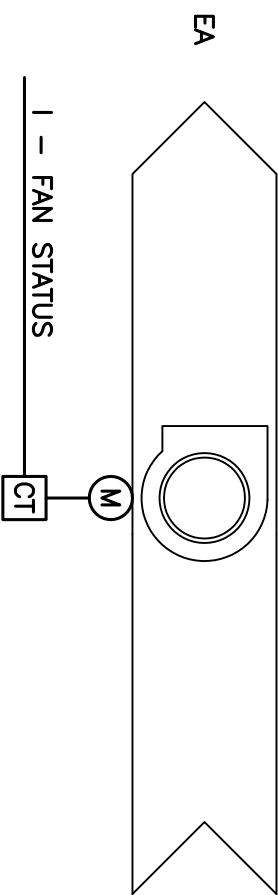
A. THE FAN SHALL OPERATE CONTINUOUSLY.

ALARMS:

A. FAN FAILURE

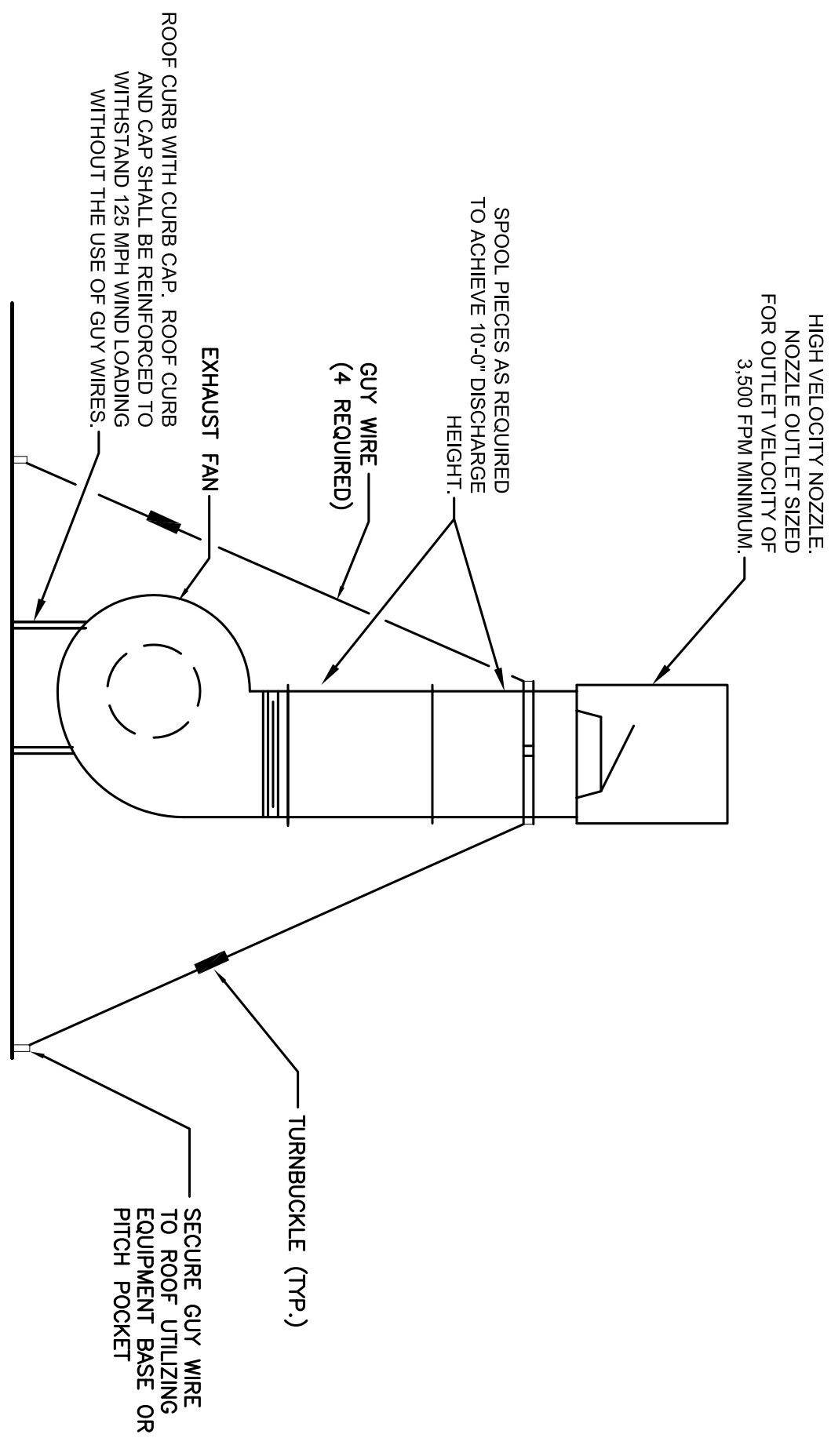
B. FAN IN HAND STATUS.

A. FAN STATUS



EXHAUST FAN STACK DETAIL

NIS



NOTE : Contractor is to maintain roof structure when installing roof curbs and flashing,must also maintain roof warranty