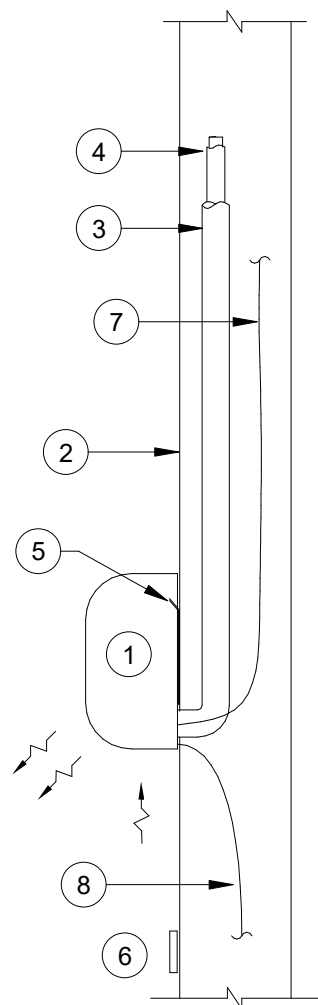
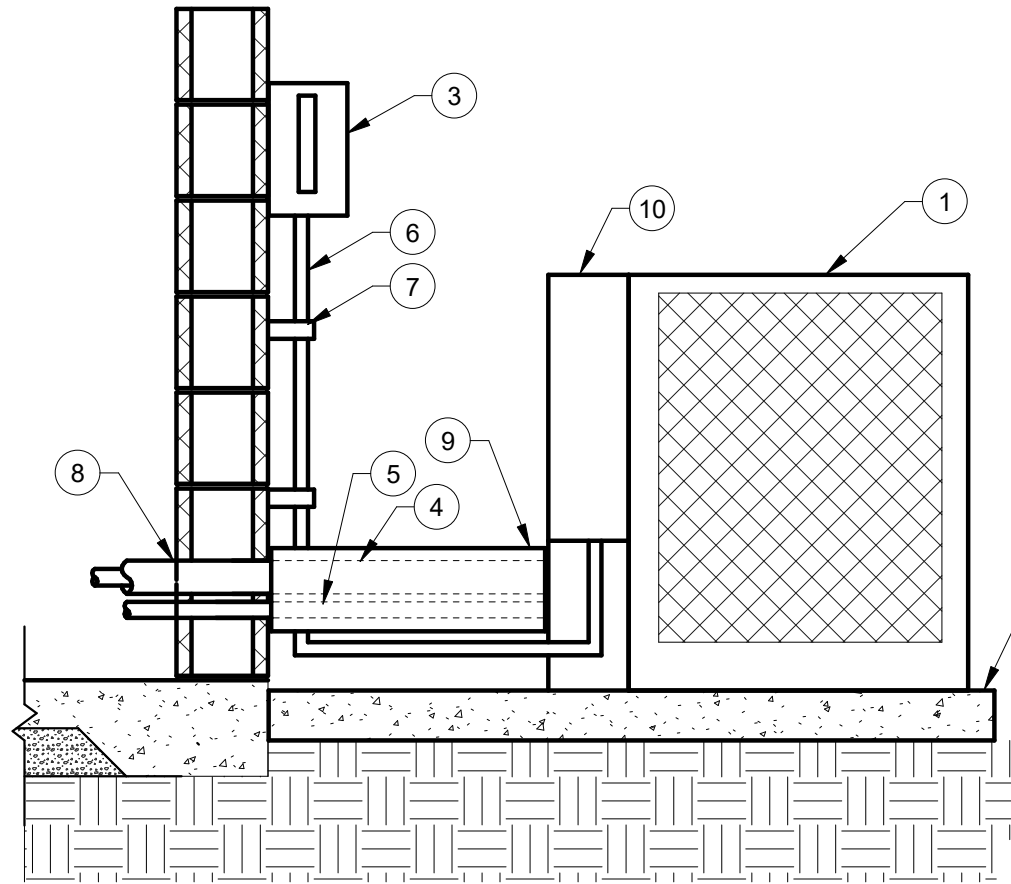




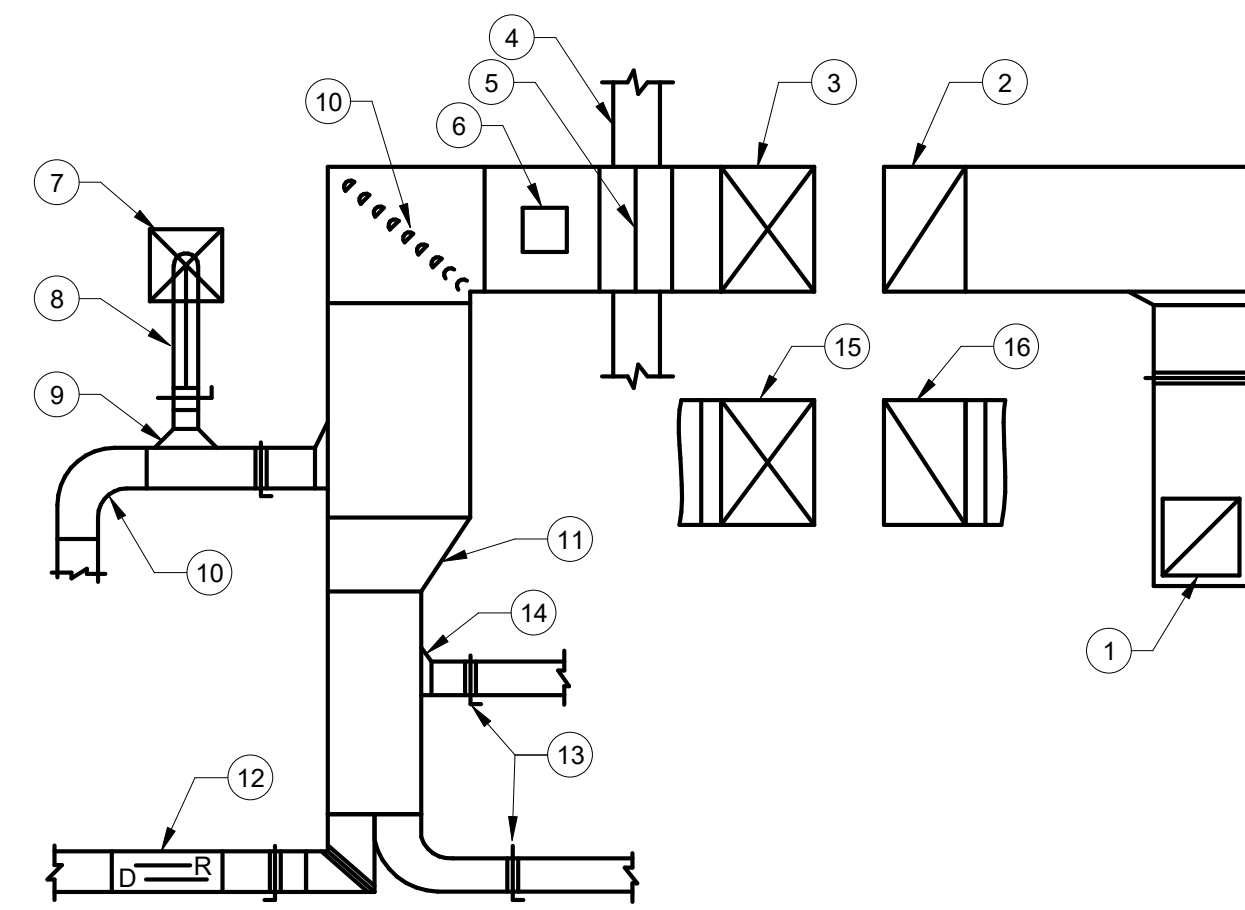
NUMBERED NOTES:

- 1 WALL MOUNED INDOOR UNIT - LOCATE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 2 WALL STRUCTURE
- 3 INSULATED REFRIGERANT SUCTION PIPING. ROUTE IN PLUMB AND SQUARE FASHION. CONFIGURE SO TO MINIMIZE LENGTH OF PIPING.
- 4 INSULATED REFRIGERANT LIQUID PIPING. ROUTE IN PLUMB AND SQUARE FASHION. CONFIGURE SO TO MINIMIZE LENGTH OF PIPING.
- 5 WALL BRACKET.
- 6 REMOTE THERMOSTAT - MOUNT 48" AFF. AVOID DRIECT SUNLIGHT OR AIRFLOW FROM INDOOR UNIT.
- 7 ELECTRICAL CIRCUIT FROM OUTDOOR UNIT - COORDINATE WITH ELECTRICAL.
- 8 CONDENSATE PIPING - ROUTE INTERIOR TO THERMAL ENVELOPE FOR FREEZE PROTECTION AS PRACTICAL. TERMINATE AT 6" AFG UNLESS OTHERWISE NOTED.



NUMBERED NOTES

- 1 GROUND MOUNTED CONDENSING UNIT
- 2 CONCRETE EQUIPMENT PAD. MIN. 4" ABOVE FINISH GRADE.
- 3 MOUNT DISCONNECT SWITCH ON EXTERIOR WALL OF BUILDING
- 4 INSULATED REFRIGERANT SUCTION PIPING. ROUTE IN PLUMB AND SQUARE FASHION. CONFIGURE SO TO MINIMIZE LENGTH EXTERIOR TO BUILDING.
- 5 INSULATED REFRIGERANT LIQUID PIPING. ROUTE IN PLUMB AND SQUARE FASHION. CONFIGURE SO TO MINIMIZE LENGTH EXTERIOR TO BUILDING.
- 6 UNIT ELECTRICAL FEEDER PER NEC. ROUTE IN PLUMB AND SQUARE FASHION. CONFIGURED SO TO MINIMIZE LENGTH EXTERIOR TO BUILDING. FEEDER BY MECH. CONTRACTOR.
- 7 STRAPPING PER NEC.
- 8 SEAL PENETRATION THROUGH BUILDING EXTERIOR.
- 9 COVER REFRIGERANT PIPING WITH 18GA GALVANIZED COVER.
- 10 UNIT ELECTRICAL CONNECTION BOX.



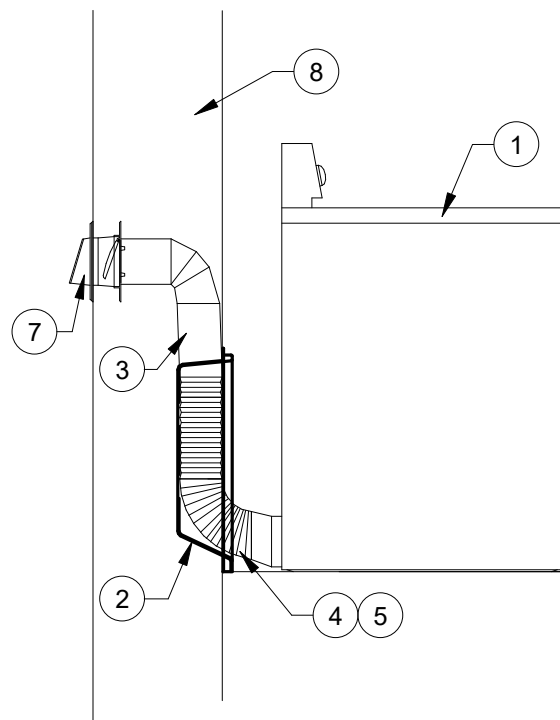
NUMBER NOTES:

- 1 RETURN OR EXHAUST REGISTER
- 2 RETURN OR EXHAUST DUCT UP TO ABOVE
- 3 SUPPLY DUCT UP TO ABOVE
- 4 RATED WALL - SEE PLANS FOR TYPE
- 5 FIRE DAMPER - SEE PLANS FOR TYPE
- 6 FIRE DAMPER ACCESS DOOR IN ACCESSIBLE LOCATION
- 7 SUPPLY AIR DIFFUSER
- 8 INSULATED FLEX DUCT
- 9 BELL MOUTH FITTING OR SPIN-IN, WITH MANUAL VOLUME DAMPER
- 10 FULL RADIUS ELL OR SQUARE ELL WITH TURNING VANES
- 11 TRANSITION
- 12 RISE OR DROP
- 13 OPPOSED BLADE MANUAL BALANCING DAMPER - TYPICAL EACH BRANCE TAKE-OFF OR RUN OUT
- 14 45 DEGREE TEE FITTING - "SHOE" TYPE
- 15 SUPPLY DUCT DOWN TO BELOW
- 16 RETURN DUCT OR EXHAUST DUCT DOWN TO BELOW

7 WALL MOUNTED DUCTLESS MINI SPLIT SYSTEM
M2.0 NOT TO SCALE

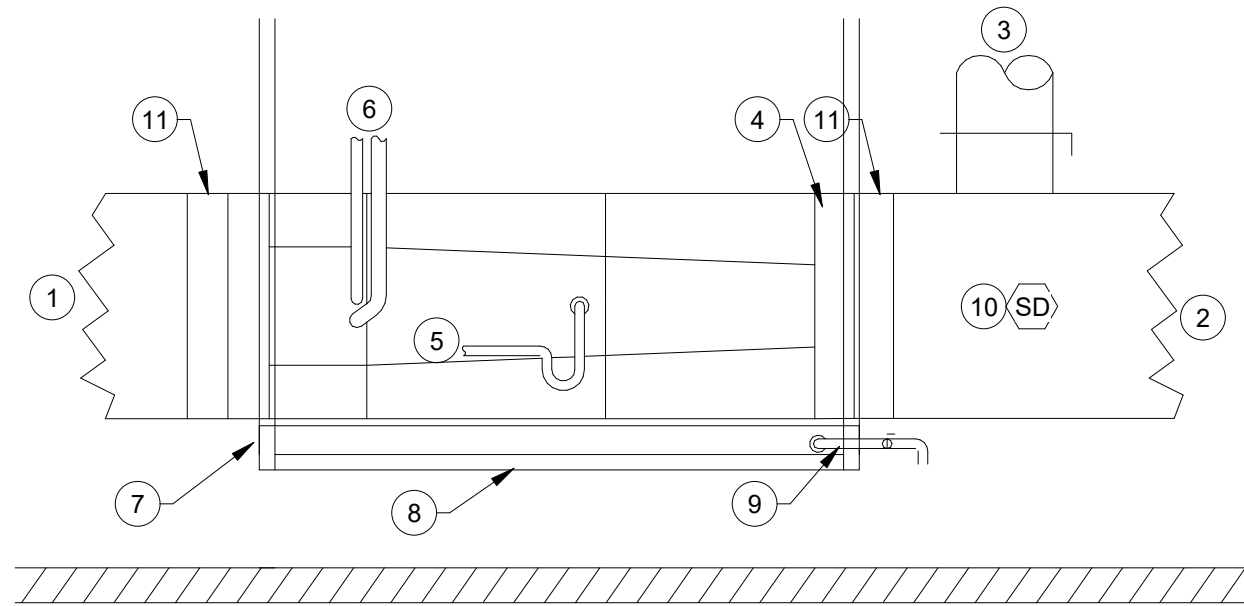
4 GROUND MOUNTED CONDENSING UNIT DETAIL
M2.0 NOT TO SCALE

1 TYPICAL DUCT CONSTRUCTION DETAIL
M2.0 NOT TO SCALE



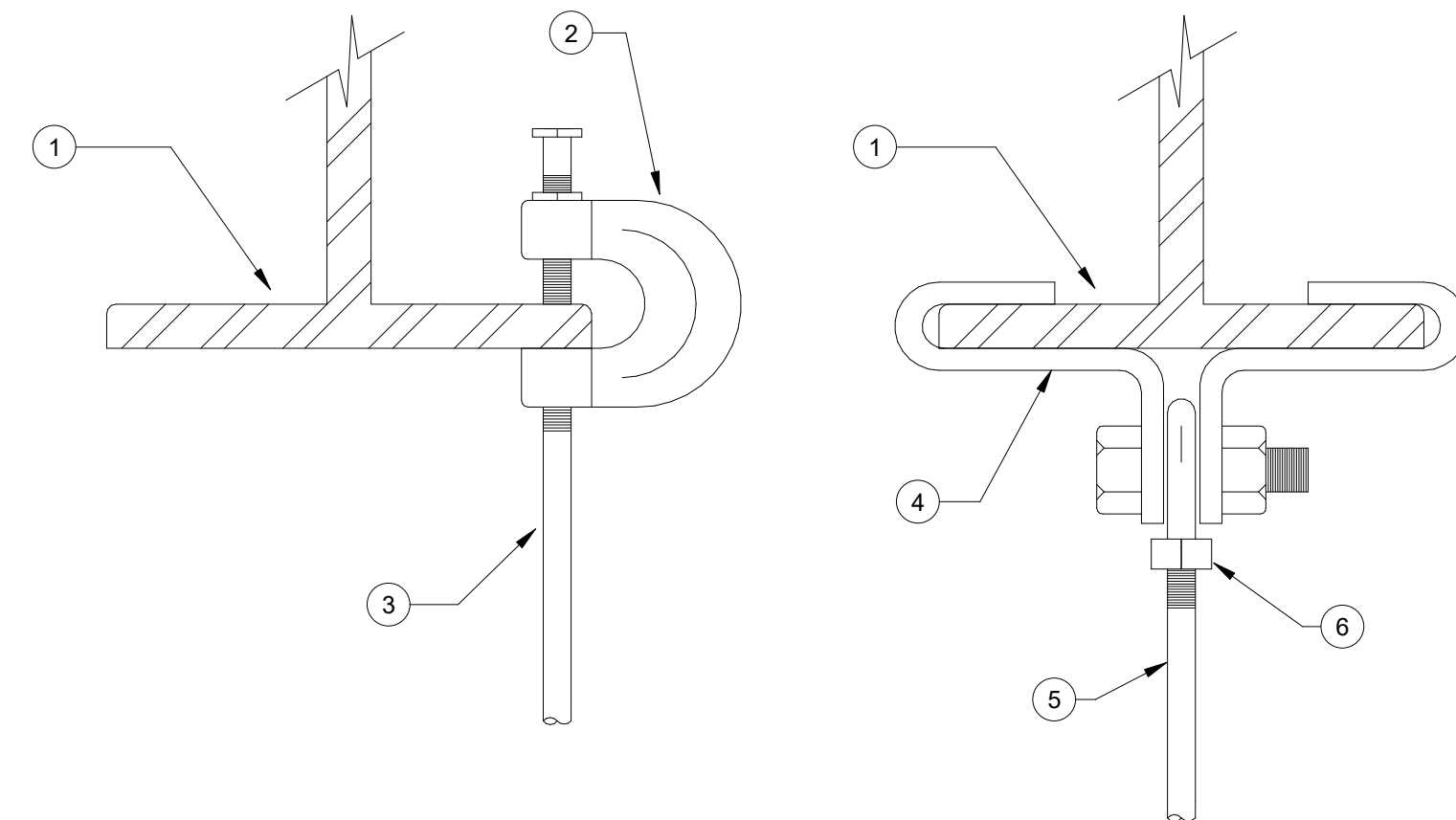
NUMBERED NOTES:

- 1 CLOTHES DRYER
- 2 DRYER CONNECTION BOX RECESSED IN WALL
- 3 METAL EXHAUST DUCT IN WALL CAVITY
- 4 FLEX CONNECTION
- 5 CONNECTION PER DYRER MANUFACTURER
- 6 FINISH FLOOR
- 7 BOX HOOD TERMINATION CAP W/ DAMPER
- 8 EXTERIOR WALL



NUMBERED NOTES

- 1 SUPPLY DUCT
- 2 RETURN DUCT
- 3 OUTDOOR AIR DUCT WITH BALANCING DAMPER
- 4 FILTER
- 5 CONDENSATE DRAIN PIPE. ROUTE TO NEAREST MECHANICAL ROOM FLOOR DRAIN OR 6" AFG.
- 6 REFRIGERANT PIPING. INSULATE BOTH LIQUID AND SUCTION LINES FOR HEAT PUMPS.
- 7 SUPPORT BEAMS.
- 8 DRAIN PAN WITH UNIT SHUT-OFF FLOAT SWITCH.
- 9 DRAIN WITH SHUT OFF VALVE.
- 10 DUCT MOUNTED SMOKE DETECTOR FOR AUTOMATIC SHUT-DOWN.
- 11 FLEXIBLE DUCT SECTION FOR VIBRATION ISOLATION.



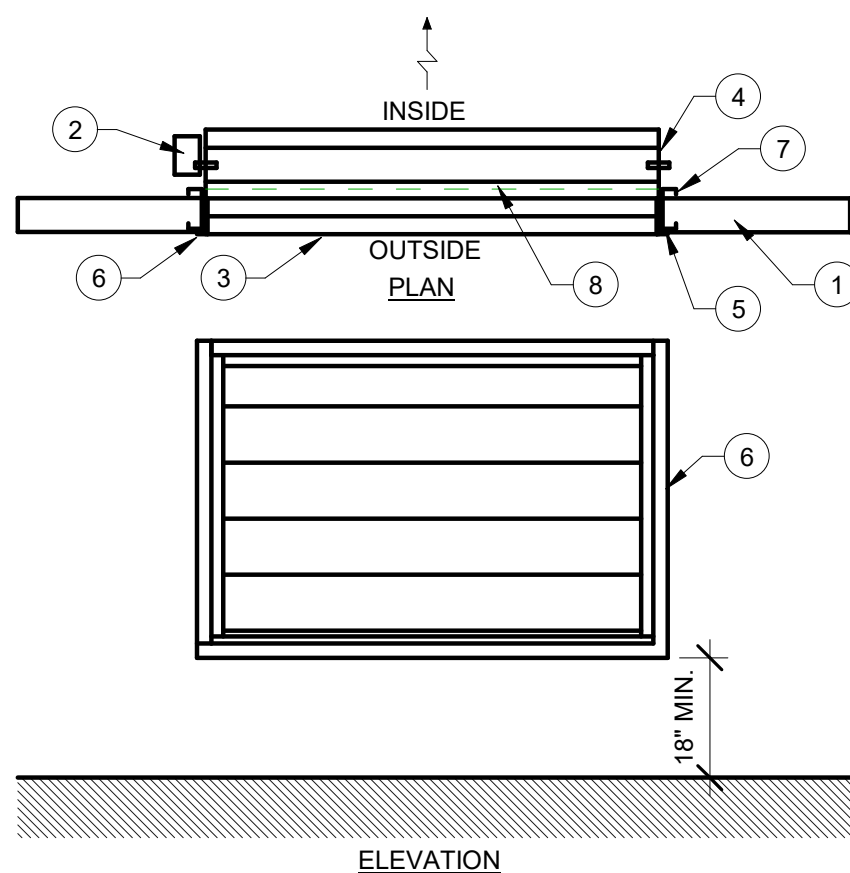
NUMBERED NOTES

- 1 STRUCTURAL STEEL
- 2 C-CLAMP
- 3 3/8" DIAMETER HANGER ROD
- 4 BEAM-CLAMP
- 5 1/2" THRU 3/4" DIA. HANGER ROD
- 6 EYE-NUT

8 CLOTHES DRYER DETAIL
M2.0 NOT TO SCALE

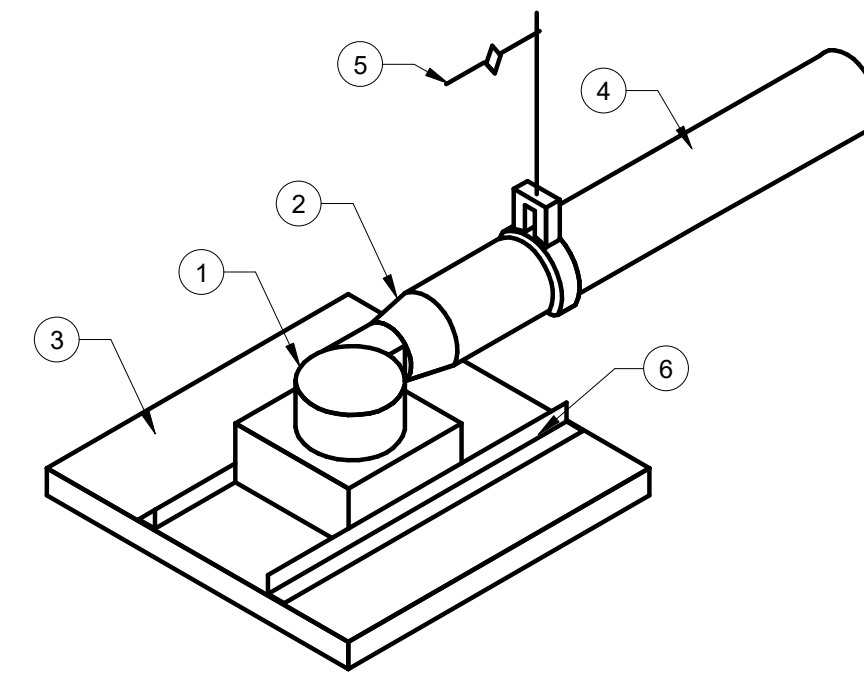
5 ABOVE CEILING HORIZONTAL AIR HANDLER DETAIL
M2.0 NOT TO SCALE

2 PIPE HANGER STRUCTURE ATTACHMENT DETAIL
M2.0 NOT TO SCALE



NUMBER NOTES

- 1 WALL STRUCTURE
- 2 MOTORIZED DAMPER INTERLOCK TO OPERATE WITH EXHAUST FAN
- 3 WALL LOUVER - COORDINATE FINISH AND INSTALLATION WITH ARCHITECTURAL
- 4 SHEET METAL WALL SLEAVE
- 5 CAULK ALL AROUND. SEAL WATER TIGHT
- 6 1-1/2" FLANGE MIN.
- 7 WALL FRAMING
- 8 BIRD SCREEN



NUMBERED NOTES:

- 1 CEILING EXHAUST FAN
- 2 PROVIDE SQUARE TO ROUND TRANSITION AS REQUIRED
- 3 CEILING PAD OR HARD CEILING
- 4 ROUTE DUCT TO WALL CAP OR ROOF CAP AS REQUIRED
- 5 SUPPORT DUCT TO PREVENT SAG OR SWAY
- 6 SUPPORT FAN FROM CEILING

6 SIDE WALL LOUVER DETAIL
M2.0 NOT TO SCALE

3 CEILING EXHAUST FAN DETAIL
M2.0 NOT TO SCALE

FLA

FLORIDA ARCHITECTS

LICENSE #AR12728

103 W. 5TH STREET,
PANAMA CITY, FL 32401
(850) 257-5400

CLIENT:

CARDELLA

CONSULTING ENGINEERS, LLC

101 Amar Pl, Panama City
Beach, FL 32413
Phone: (954) 271-3307

PROJECT:

ICW MARINA FOR

PANAMA CITY, FL

CONSULTANTS:

Dewberry

203 Aberdeen Pkwy, Panama
City, FL 32405 (850) 522-0644

GOLDEN GIANT

13300 S Vision Dr,
Kenton, OH 43326
Phone: (419) 674-4038

MAFFETT
OFFICE
ENGINEERING, LLC

1 S Jefferson Ave #101,
Cookeville, TN 38501
Phone:(931) 526-5143

O'CONNELL
& ASSOCIATES
CONSULTING ENGINEERS

1394 County Hwy 283 S Building 3,
Santa Rosa Beach, FL 32459
Phone:(850) 403-4555

TANLON ENGINEERING, INC.

4300 Legendary Dr, Suite C246,
Destin, FL 32541
Phone: (850) 460-7040

SCALE:
As indicated
DRAWN BY:
Author
DATE:
04/01/2026
CHECKED BY:
Checker

NO	REVISION	DATE

SHEET TITLE:

MECHANICAL DETAILS

PROJECT NO.

24035

SHEET NO.

M2.0

Copyright: 2024 BY FLORIDA ARCHITECTS, INC. : ARCHITECT EXPRESSLY RESERVES HIS EXCLUSIVE COMMON LAW COPYRIGHT AND PROPERTY RIGHTS TO THESE DRAWINGS WHICH

NOT FOR CONSTRUCTION

CDP CHECKSET