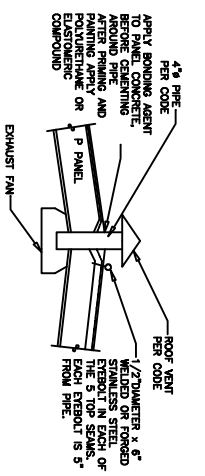


SQUIGGLE LINE DESIGNATES #4 REBAR. #4 REBAR IS INSTALLED ON TOP OF GALVANIZED STEEL MESH IN PRECUT GROOVE IN PET/PE/EPDM REBAR CONTINUES FROM SEAM OF HDL/HLM PANELS TO TIP END OF HDL/HLM PANELS. MIN. OVERLAP 24".

CEILING FAN ROD LOCATION, 1/2" REBAR IS INSERTED THROUGH OVERLAPPED LOCKED MESH WITH NUTS LOCKED TOGETHER WITH WASHER ABOVE MESH. SEE NOTE 1/S-6 FOR CONCRETING EPS AND REBAR INSERTED THROUGH EPS AND DRUM WALL INTO DOME. ROD SYMBOLIZED BY ●

TO REMOVE MOISTURE FROM DOME, INSTALL A 12" TO 14" LONG 4" PIPE PER CODE WITH A ROOF VENT PER CODE WHERE ALL P PANELS INTERSECT IN TOP CENTER OF THE DOME. PRIOR TO CEMENTING TOP CENTER SEAM, TO PROTECT TOP PIPE AND VENT FROM ROPE DAMAGE INSTALL 1/2" DIAMETER 6 WELDED OR FORGED STAINLESS STEEL EYEBOLT IN EACH OF THE 5 TOP SEAMS 5" FROM PIPE/VENT. CONCRETE SHOULD BE ANGLED TO ALLOW FOR WATER RUNOFF. (FOR PAINTING OR REPAIR ATTACHMENT TO EYEBOLT NEEDS TO BE PART OF AN ENGINEERED SYSTEM WITH A MAXIMUM ARRESTING FORCE OF 900 LBS.) ALL VENTS (ROOF, FOUNDATION, COMBUSTION-AIR, ETC.) SHALL BE PROTECTED WITH METAL WIRE SCREENS WITH 1/16" MIN. AND 1/8" MAX OPENINGS TO RESIST THE INTRUSION OF FLAMES AND EMBERS OR SHALL BE PROTECTED BY LOUVERS AND 1/8" NON-COMBUSTIBLE, CORROSION-RESISTANT MESH. TURBINE ATEC VENTS SHALL BE EQUIPPED TO ALLOW ROTATION IN ONLY ONE DIRECTION.

CONNECT EXHAUST FAN TO BOTTOM OF PIPE. ROOF VENT, EYEBOLT, EXHAUST FAN INSTALLATION ON TOP OF BOTH DOMES



DOTS INDICATE LOCATIONS FOR SUSPENSION RODS WITH Z PLATE. THE DIMENSION IS THE DISTANCE FROM THE END OF THE SEAM TO THE RODS. SEE DETAIL.

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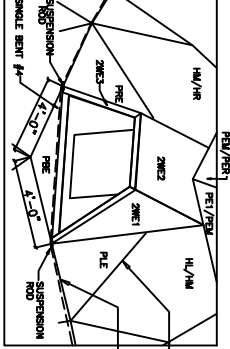
1ST FLOOR DOOR DORMER. SEE DETAIL 1D ON SHEET S-7A.

2ND FLOOR WINDOW DORMER. SEE DETAIL 2W ON SHEET S-7.

1ST FLOOR WINDOW DORMER. SEE DETAIL 1W ON SHEET S-7.

27' SECOND FLOOR DRESS WINDOW DORMER

27' DOME AND FLOOR DRESS WINDOW DORMER SUSPENSION ROD PLACEMENT. 1/2" CABLE, #4 REBAR AND PERIODICAL



FRONT ELEVATION VIEW

REAR ELEVATION VIEW

1ST FLOOR DOOR DORMER. SEE DETAIL 1D ON SHEET S-7A.

1ST FLOOR WINDOW DORMER. SEE DETAIL 1W ON SHEET S-7.

GARAGE ENTRYWAY. SEE DETAIL 4P ON SHEET S-8G1.

2ND FLOOR WINDOW DORMER. SEE DETAIL 2W ON SHEET S-7.

SEE SHEET A-4 FOR RISER PANEL PLACEMENT AND RADIUS.

ALL FINISH CONCRETE MUST BE ANGLED/SLOPED TO PREVENT STANDING WATER, ESPECIALLY TOP OF ENTRYWAY PANELS AND WHERE DOME PANELS MEET BASEMENT WALL, BEAM, BUTTRESS WALL AND FOUNDATION.

AMERICAN INGENUITY, INC.
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 PH. 321-639-8777 USA

DOMES PLANS FOR:
AIDOME RESIDENCE 27' LINKED TO 22'
 SHEET TITLE:
DOME PANEL NOMENCLATURE

DRAWN BY:
 CHECKED BY:
 DATE:
 DRAWING NO:
 REVISION:

SHEET NO.
A-6
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SCALE: 1/4" = 1'-0"