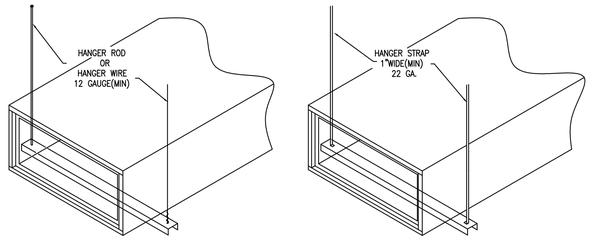


HANGERS AND SUPPORTS DETAIL
STANDARD 3" WIDE HANGERS

HANGER EXTENSION IS DEFINED AS THE SUM OF THE DISTANCES BETWEEN THE HANGING WIRES AND THE DUCT WALLS (BOTH SIDES)

TABLE 4-1 MAXIMUN HANGER SPACING BY DUCT SIZE, ID.

DUCT SIZE, INCHES	MAXIMUN HANGER SPACING
48" WIDE OR GREATER	4 FT
LESS THAN 48" WIDE AND LESS THAN 48" DEEP	6 FT
WIDTH BETWEEN 28"& 48" AND GREATER THAN 16" DEEP	6 FT
LESS THAN 28" WIDE AND 16" DEPTH OR LESS	8 FT

TABLE 4-2 CHANNEL SELECTION

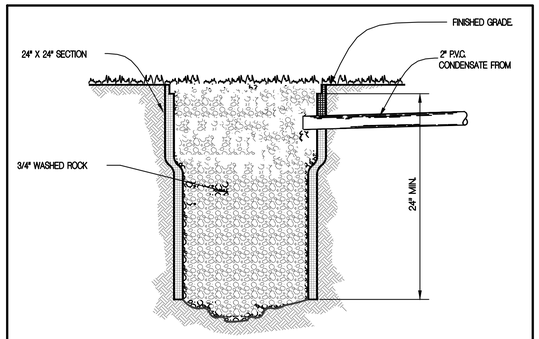
IF TOTAL EXTENSION IS NOT GREAT THAN:	MAXIMUN CHANNEL GAUGE	MINIMUM CHANNEL PROFILE
6"	24	3" X 1.5"
18"	22	3" X 2"
30"	18	3" X 2"

USE OF 2" WIDE HANGERS

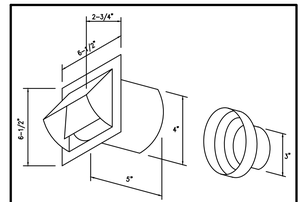
22 GAUGE, 2" X 1.5" HANGERS MAY BE SUBSTITUTED FOR 3" HANGERS FOR DUCTS WITH WIDTHS NOT OVER 48" AND DEPTHS NOT OVER 24" PROVIDED THAN ONE JOINT OCCURS BETWEEN HANGERS AND THE MAXIMUM HANGER SPACING IS 4 FT. EXCEPTION: WHEN DUCT PERIMETER IS 80" OR LESS AND DOES NOT REQUIRE REINFORCEMENT TWO PERMITTED BETWEEN HANGERS.

IN	1.5	2	3	6	16	18	24	28	30	48	80
MM	38	51	76	152	.41 M	.46 M	.61 M	.71 M	.76 M	1.22 M	2.03 M

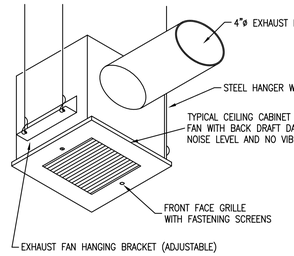
FT	4	6	8	18 GA	22 GA	24 GA
M	38	51	76	152	.7534	.6010



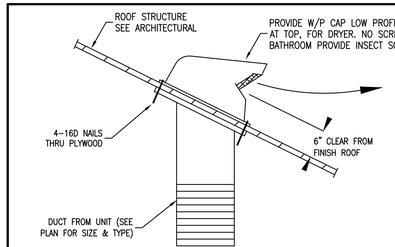
DRY WELL DETAIL
N.T.S.



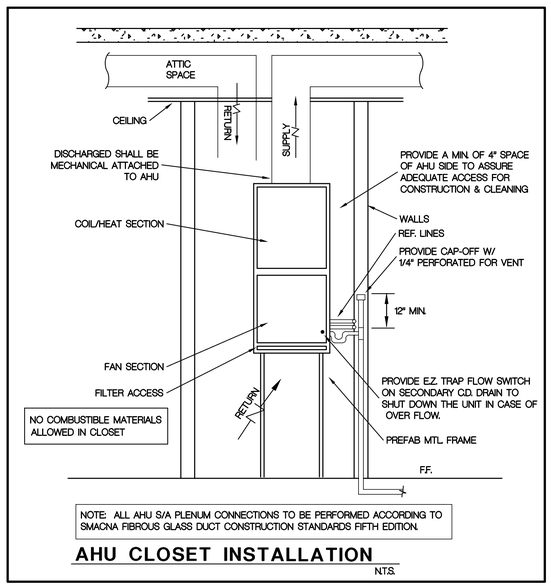
WALL CAP FOR BATHROOM EXHAUST
NTS.



CEILING MOUNTED CABINET EXHAUST FAN DETAIL

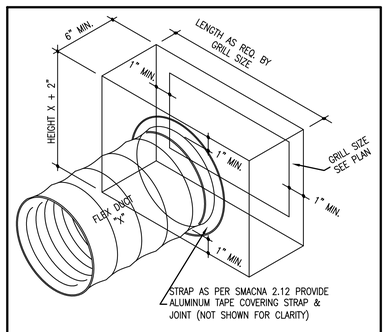


TYPICAL ROOF CAP DETAIL
@ DRYER AND/OR TOILET EXH.

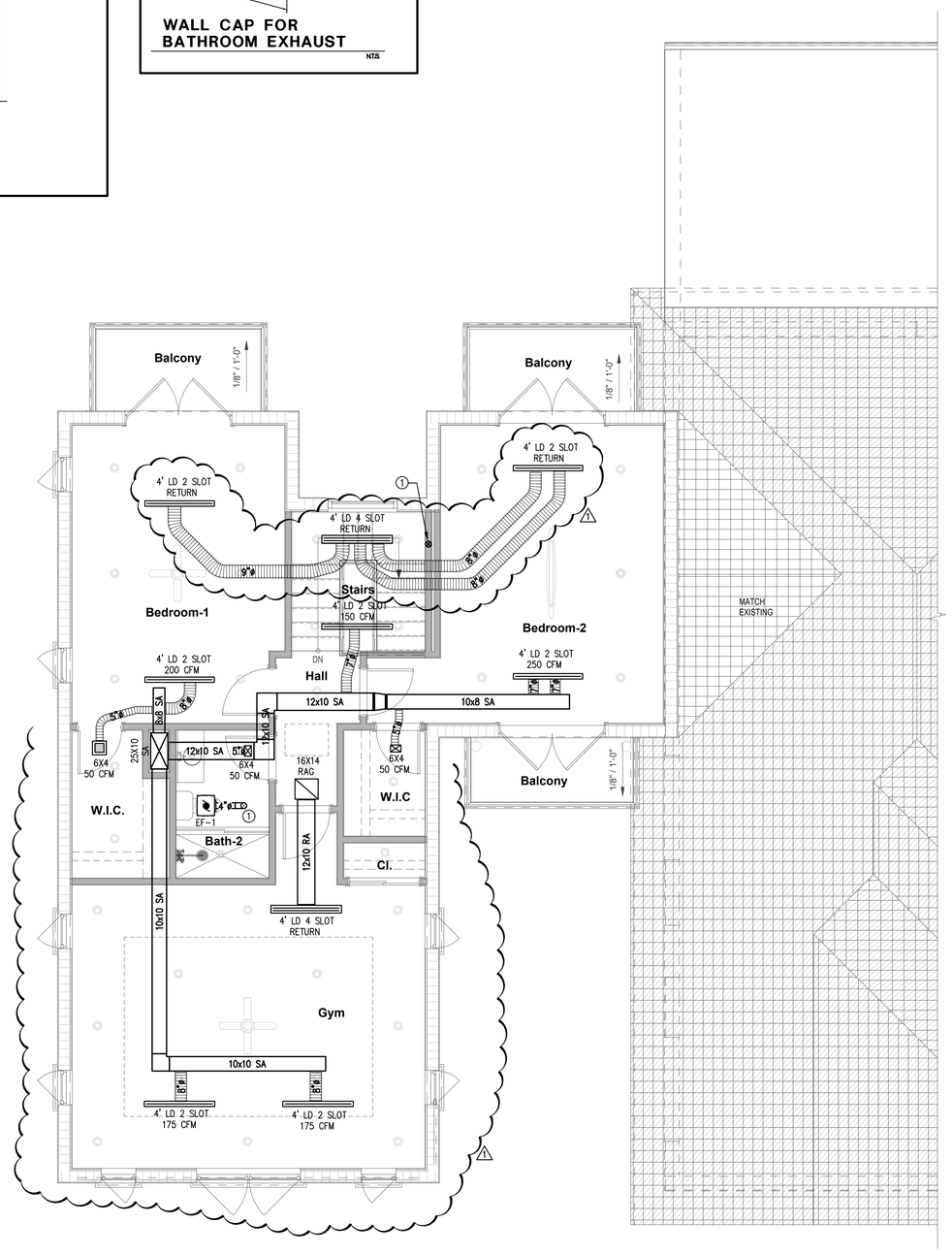


NOTE: ALL AHU S/A PLENUM CONNECTIONS TO BE PERFORMED ACCORDING TO SMACNA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS FIFTH EDITION.

AHU CLOSET INSTALLATION
NTS.



DISCHARGE BOX DETAIL
(SMACNA 2.16) N.T.S.



Proposed House 2nd Level - Mechanical
1/4" = 1'-0"

NOVUS Archetype
architecture / interior / planning

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04-10-2024

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Eva Vaccaro

2-Story Addition

12940 SW 63 Ave Pinecrest Fl 33156

No.	Description	Date
1	BLDG DEPARTMENT COMM	04-10-24

Project number	22-012
Date	04-16-2023
Drawn by	NA
Checked by	RM

SHEET TITLE

Proposed House 2nd Level Floor Plan

SHEET No.

M210