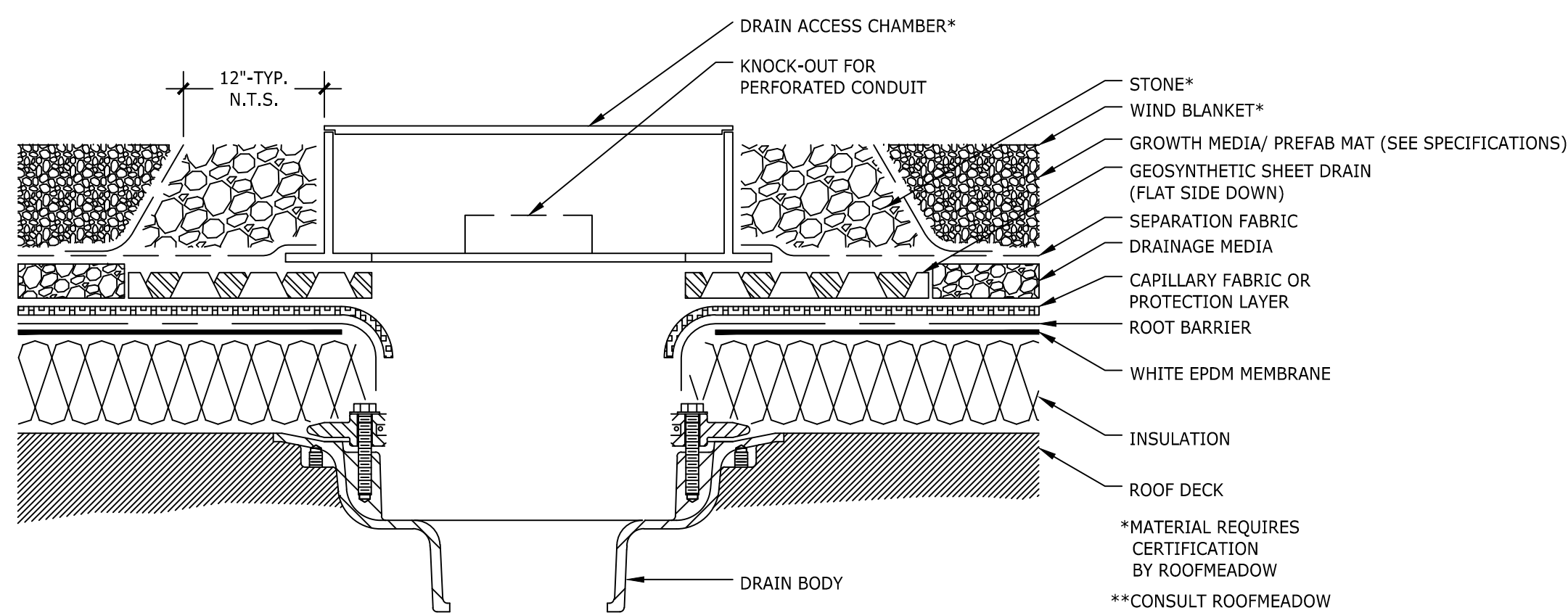
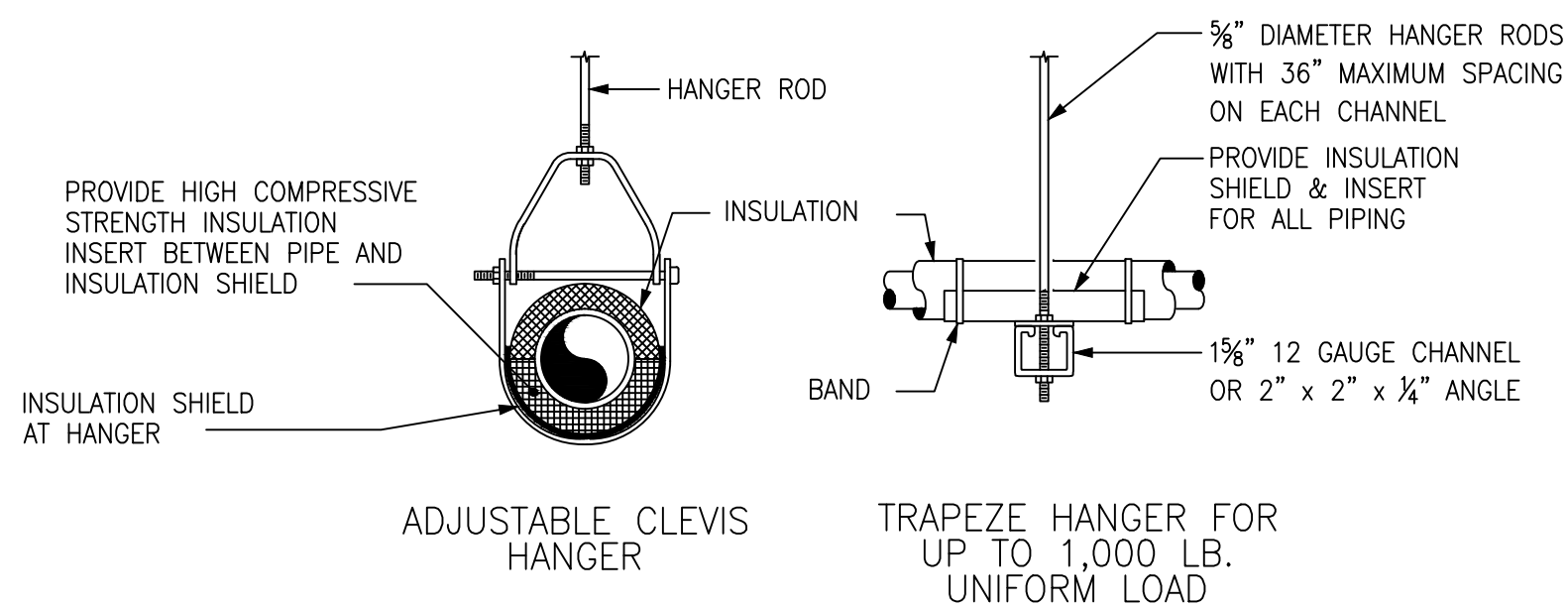


1 BUILDING 16 - NEW ROOF DRAIN PIPING PLAN
SCALE: 1/8" = 1'



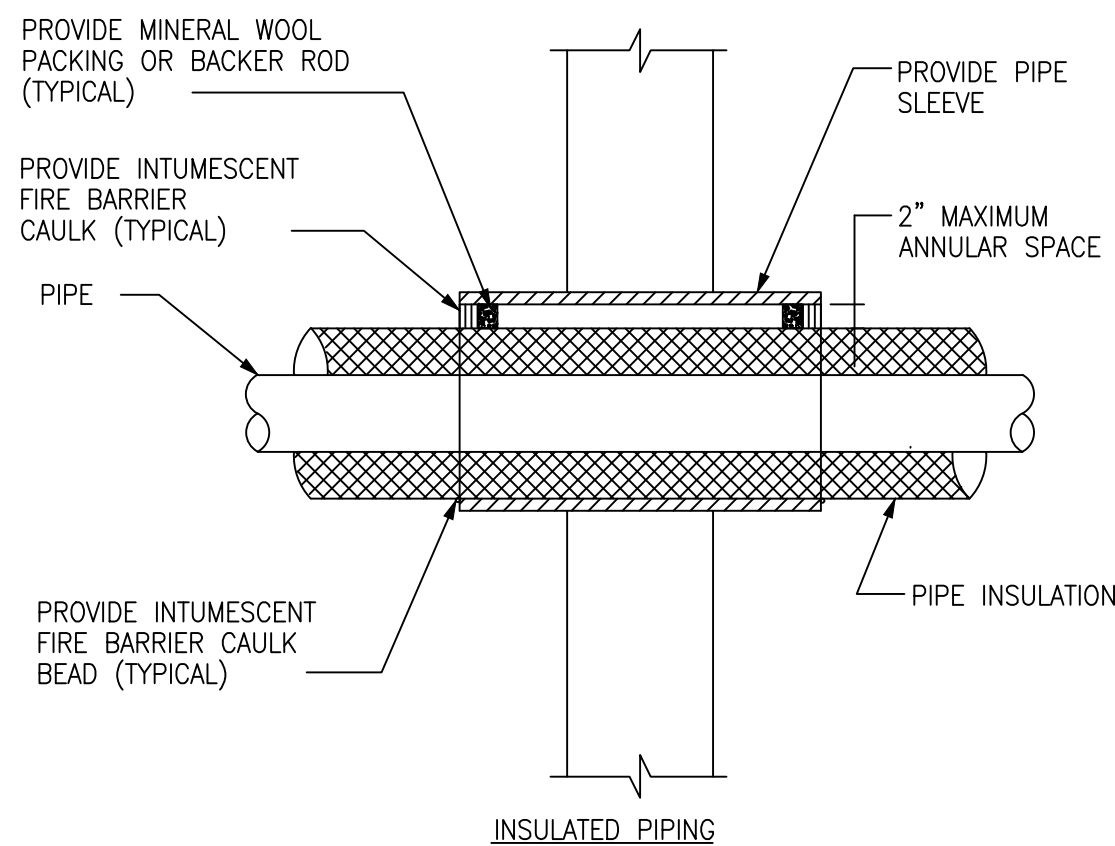
2 TYPICAL NEW GREEN ROOF DRAIN DETAIL
SCALE: NONE



4 TYPICAL PIPE HANGER DETAILS
SCALE: NONE

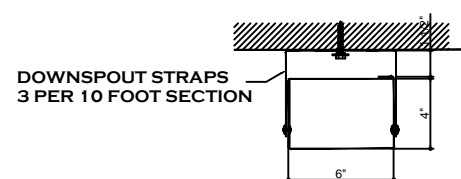
EQUIPMENT OR SYSTEM SERVED	TYPE ④		JACKETING CLASS ⑥		PIPE SIZE IN / THICKNESS IN
	CONCEALED	EXPOSED	CONCEALED	EXPOSED	
SAN	FG	---	1	---	3/4
	---	FG	---	1	3/4

④ FG - FIBROUS GLASS ⑥ 1 - ALL SERVICE



NOTE:
1. REFER TO MANUFACTURERS LITERATURE TO DETERMINE DEPTH OF MINERAL WOOL AND INTUMESCENT FIRE BARRIER CAULK DEPENDING ON PIPE MATERIAL AND PENETRATION RATING.
2. INTUMESCENT FIRE BARRIER CAULK: ASTM E814 (UL1479) AND UL2079

5 TYPICAL WALL PENETRATION FIRESTOPPING DETAIL
SCALE: NONE



DOWNSPOUT STRAPS
3 PER 10 FOOT

FACTORY FABRICATED
26 GAUGE GALVANIZED STEEL
DOWNSPOUT SECTION
10'-0" SECTIONS

FACTORY OFFSET FOR
CONCEALED JOINTS
SOLDER NEW DOWNSPOUT
TO EXISTING RAIN LEADER

EXISTING RAIN LEADER
EXISTING GRADE

10' +/- TO MEET SAN PIPING CONNECTION

16'

3 TYPICAL DOWNSPOUT DETAIL
SCALE: NONE

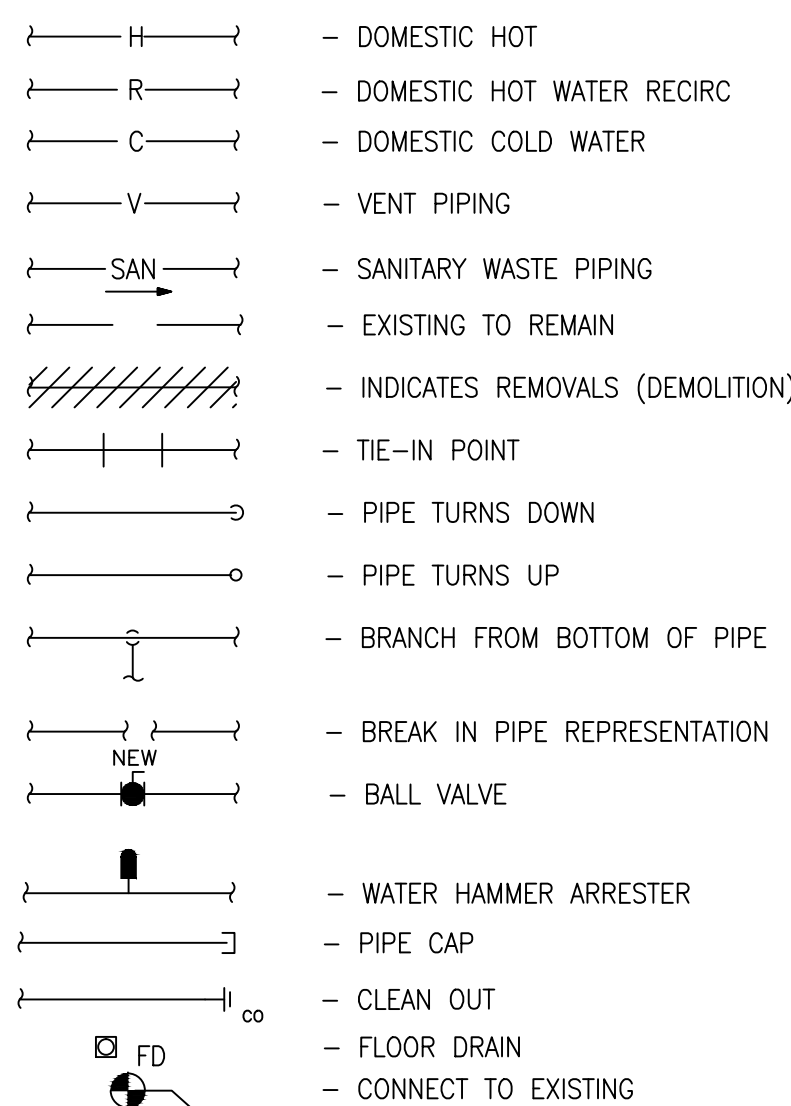
GENERAL NOTES:

- ALL NEW ROOF DRAIN PIPING SHALL BE RUN UNDER EXISTING ROOF DECK THROUGH EXISTING METAL ROOF JOISTS, SO THAT ALL COMPONENTS ARE ABOVE EXISTING HVAC, ELECTRICAL AND MECHANICAL SYSTEMS. CONTRACTOR SHALL COORDINATE ALL NEW PIPING ROUTES WITH COR PRIOR TO INSTALLATION. IN ADDITION THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS.
- ALL WORK ON BUILDING INTERIOR IS TO BE PERFORMED ON NIGHTS AND WEEKENDS AFTER 4:30 PM. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK PRIOR TO START WITH COR. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO GOVERNMENT PROPERTY THE RESULTS FROM WORK INSIDE BUILDING 16.
- PROVIDE NEW SANITARY ROOF DRAIN PIPING AS SHOWS ON 1/PP-101. ALL PIPING SHALL BE NEW AND SHALL BE FULLY INSULATED AND SUPPORTED IN ACCORDANCE WITH ALL DIVISION 22 SPECIFICATIONS AND DETAILS 4/PP-101 AND 5/PP-101.
- PROVIDE NEW ROOF DRAINS IN LOCATIONS SHOW ON 1/PP-101. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER INSTRUCTIONS. CONTRACTOR SHALL PROVIDE NEW ROOF PENETRATIONS FOR NEW ROOF DRAIN PIPING. CONTRACTOR SHALL COORDINATE INSTALLATION OF ROOF DRAINS WITH NEW ROOFING PLAN DETAILS AND ALL APPLICABLE SPECIFICATIONS.

GENERAL PLUMBING NOTES

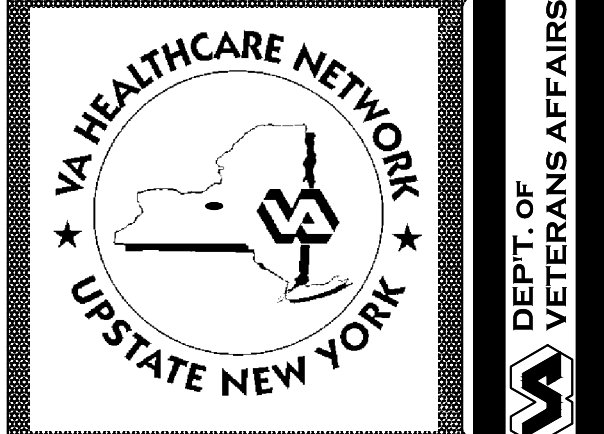
- A - INFORMATION, SUCH AS SIZE, LOCATION OR INVERTS OF EXISTING CONCEALED SERVICES, IS APPROXIMATE AND BASED ON REPUTED INFORMATION FROM EXISTING DRAWINGS. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THIS INFORMATION IN THE FIELD.
- B - PROVIDE 1/4 INCH PER FOOT SLOPE FOR ALL SANITARY LINES 3 INCH AND SMALLER AND 1/8 INCH PER FOOT SLOPE FOR ALL SANITARY LINES 4" AND LARGER WITHIN THE BUILDING. UNLESS OTHERWISE NOTED.
- C - COORDINATE LOCATION AND ROUTING OF PLUMBING LINES WITH OTHER TRADES.
- D - PROVIDE FIRE PROOFING FOR ALL FLOOR PENETRATIONS AND ALL PENETRATIONS THROUGH RATED WALLS.
- E - PROVIDE WATER SAVER TYPE PLUMBING FIXTURES.
- F - PROVIDE EASILY ACCESSIBLE CLEANOUTS AT THE BOTTOM OF ALL WASTE AND SOIL STACKS.
- G - PROVIDE EASILY ACCESSIBLE CLEANOUTS AT ALL CHANGES IN DIRECTION GREATER THAN 45 DEGREES AS WELL AS WHERE SHOWN ON PLANS.
- H - PROVIDE EASILY ACCESSIBLE SHUTOFFS ON ALL BRANCH LINES, PROVIDE STOPS AT ALL FIXTURES.
- I - PROVIDE CONNECTIONS TO SERVICES PROVIDED BY OTHER CONTRACTORS, UNLESS OTHERWISE NOTED.
- J - PROVIDE ALL PERMITS AND TESTING REQUIRED.
- K - DETAILS, NOTES, SCHEDULES, AND SYMBOLS APPLY TO ALL PLUMBING SHEETS.

PLUMBING SYMBOLS



PLUMBING ABBREVIATIONS

ADA	- AMERICANS WITH DISABILITIES ACT
C	- DOMESTIC COLD WATER
CLG	- CEILING
DF	- DRINKING FOUNTAIN
DIA	- DIAMETER
DN	- DOWN
EWC	- ELECTRIC WATER COOLER
EX	- EXISTING
FD	- FLOOR DRAIN
H	- DOMESTIC HOT WATER
LAV	- LAVATORY
R	- DOMESTIC HOT WATER RECIRC
SA	- SHOCK ABSORBER
TYP	- TYPICAL
V	- VENT
WC	- WATER CLOSET

Revisions	Date	(Company Logo/Information Block)	Drawing Title NEW ROOF DRAIN PIPING PLAN	Project Title REPLACE SYRACUSE ROOFS 2013	Date 3/30/2013		
			Approved: Facility Manager	Building Number 16	Checked CF		Drawn AZH
				Location SYRACUSE VAMC, NY			