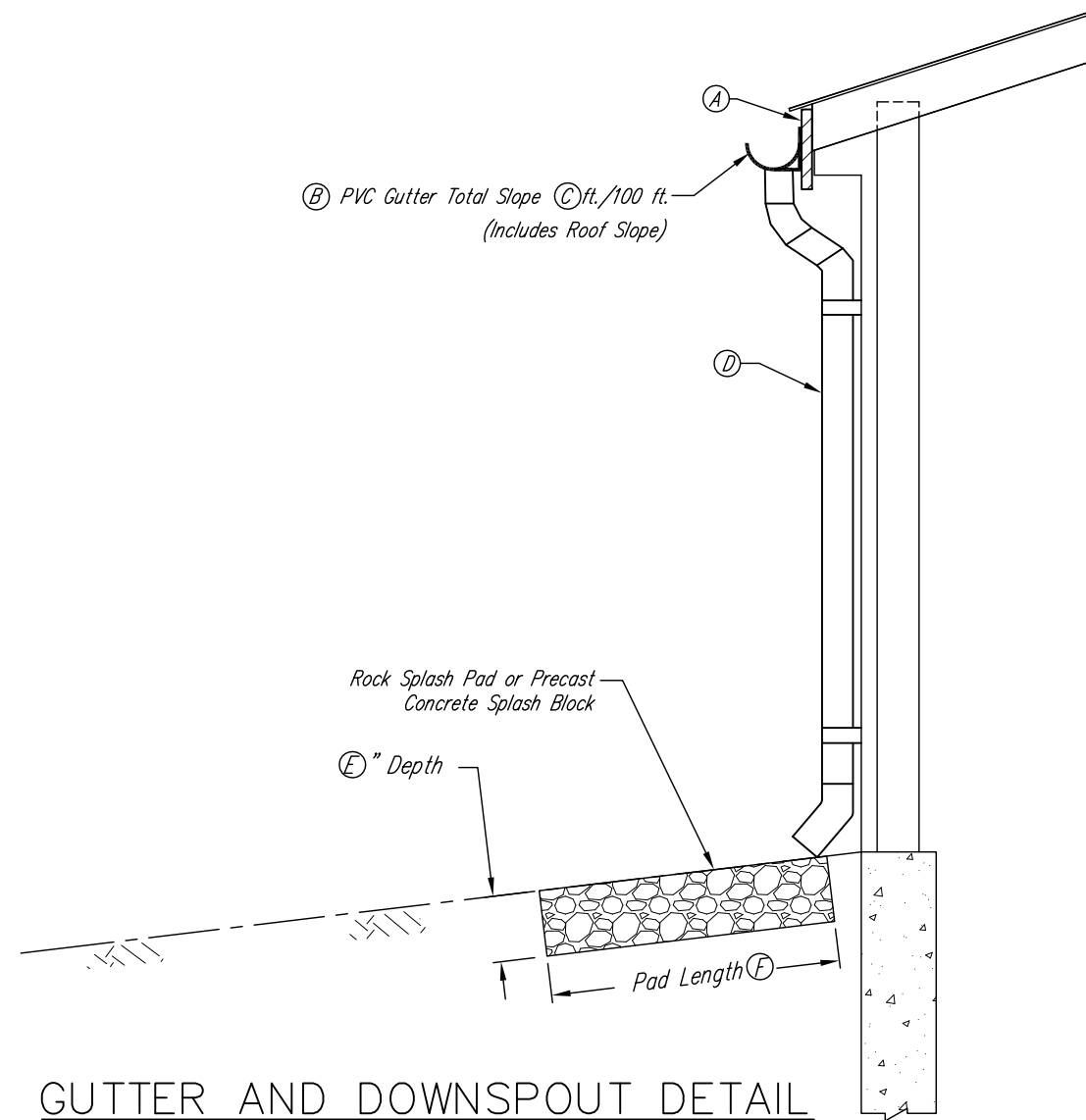


CLEARANCE DETAIL



GUTTER AND DOWNSPOUT DETAIL

Roof Gutter and Downspout Schedule										
Roof Number	Fascia Board (A) X" x X"	Gutter Size (B) X"	Gutter Length X'-X"	Total Slope ft./100 ft. (C)	Downspout Number	Downspout Size (D) X" x X"	Depth of Splash Pad (E) X"	Splash Pad Length (F) X'-X"	Splash Pad Width (G) X'-X"	Clearance (H) X"
#1										
#2										
#3										
#4										
#5										

I certify the gutter and downspout type, size, gauge, roof gutter slope and mounting method are as shown on the plans and specifications.

NRCS is accepting the construction of this gutter and downspout system on the basis that they have been installed by a licensed builder. Any deficiencies in the construction is the responsibility of the licensed builder whose signature appears on the construction drawings.

Contractor Signature

License Number

Date

Exp. Date

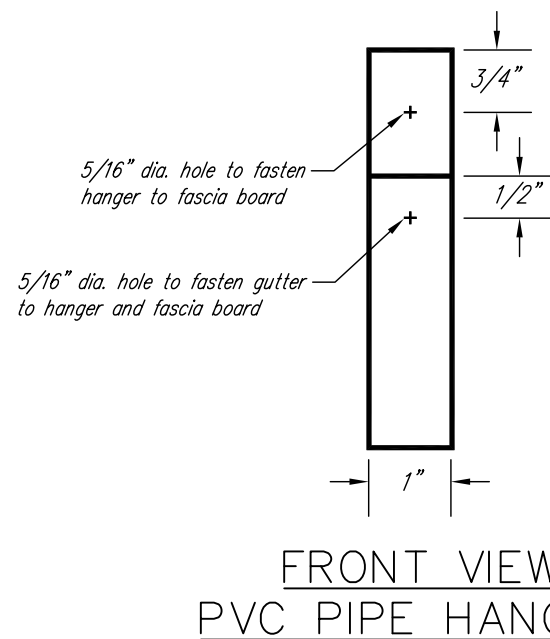
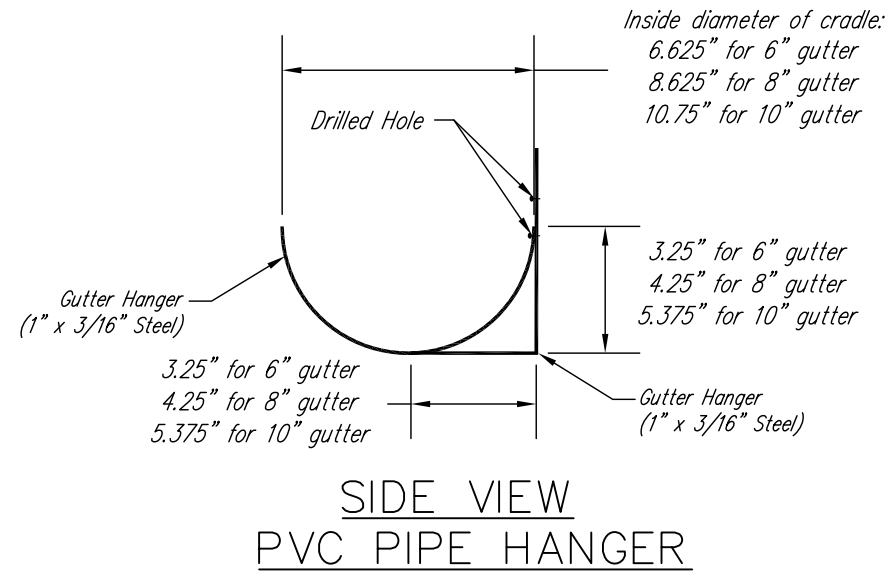
NRCS Representative

Date

Not to Scale

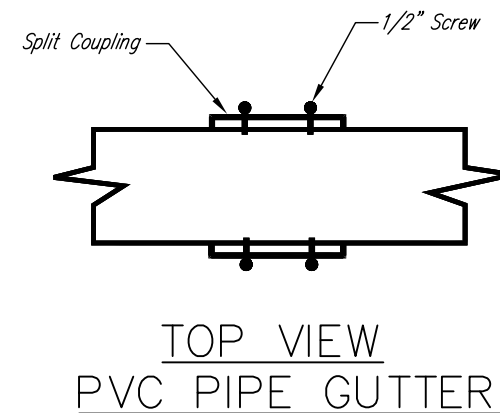
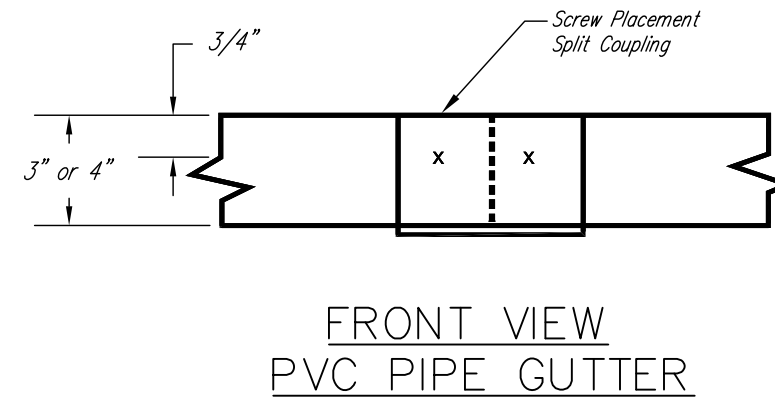
MICHIGAN ENGINEERING STANDARD DRAWING	
FILE NAME MI-016-B 3-18	
STANDARD DWG. NO. MI-016-B	
DATE 3-18	SHEET 1 OF 2

Date	Designed	_____
	Drawn	_____
	Checked	_____
	Approved	_____
PVC Roof Gutter and Downspout Detail Surface Outlet		
Co., Michigan Township, T. _____ -R. _____, Sec. _____		
United States Department of Agriculture USDA Natural Resources Conservation Service	File Name	_____
	Drawing Name	_____
	Sheet	of



HANGER NOTES:

- Gutter hangers must be as shown or equivalent as approved by NRCS.
- Gutter hangers must be made of 1" x 3/16" steel.
- Hanger spacing will be no greater than 32".
- Hangers will be backed with fascia boards with a minimum nominal thickness of 2".
- Hangers will be fastened to the fascia board by a minimum 1/4" diameter bolts (galvanized) or lag screws 1/4" x 1 1/2".
- Fascia boards must be securely fastened to rafters and will be replaced or repaired as necessary.
- Hangers will have a minimum of one coat of paint.



PVC GUTTER NOTES:

- Gutter must be split 6", 8", or 10" schedule 40 PVC pipe.
- Use split schedule 40 coupling to connect gutter lengths. Each coupling must be glued and screwed. Screws will be self tapping with an approximate length of 1/2 inch. Use 4 screws per coupling.
- Gutter ends must be split schedule 40 caps or similar. Ends will be fastened with glue and screwed with 2 self tapping screws as described above.
- Use schedule 40 tees for downspout outlets. Each outlet will be glued and have a minimum of 4 screws to fasten outlet to the roof gutter.
- Attach the gutter to the hangers using 1/4" diameter bolts. One bolt will be used at each hanger.

Not to Scale

MICHIGAN ENGINEERING STANDARD DRAWING	
FILE NAME	MI-016-B 3-18
STANDARD DWG. NO.	MI-016-B
DATE	3-18
SHEET	2 OF 2

United States Department of Agriculture USDA Natural Resources Conservation Service	Date _____ Designed _____ Drawn _____ Checked _____ Approved _____
	PVC Roof Gutter and Downspout Detail Surface Outlet
	Co., Michigan Township, T. _____ -R. _____, Sec. _____
	File Name _____ Drawing Name _____ Sheet _____ of _____