

DESIGN TEAM

ISSUE FOR BID

JUNE 10, 2022

KG+D Project No.
2021-1086

NYSED Control No.
48-05-03-04-0-010-007

ARCHITECT

KG+D Architects

KG+D Architects PC
285 Main Street, Mount Kisco, NY 10549
phone: 914.666.5900 fax: 914.666.0051

ROOFING CONSULTANT

WATSKY ASSOCIATES

20 Madison Avenue, Valhalla, NY 10595
phone: 914.948.3450

ENVIRONMENTAL ENGINEER

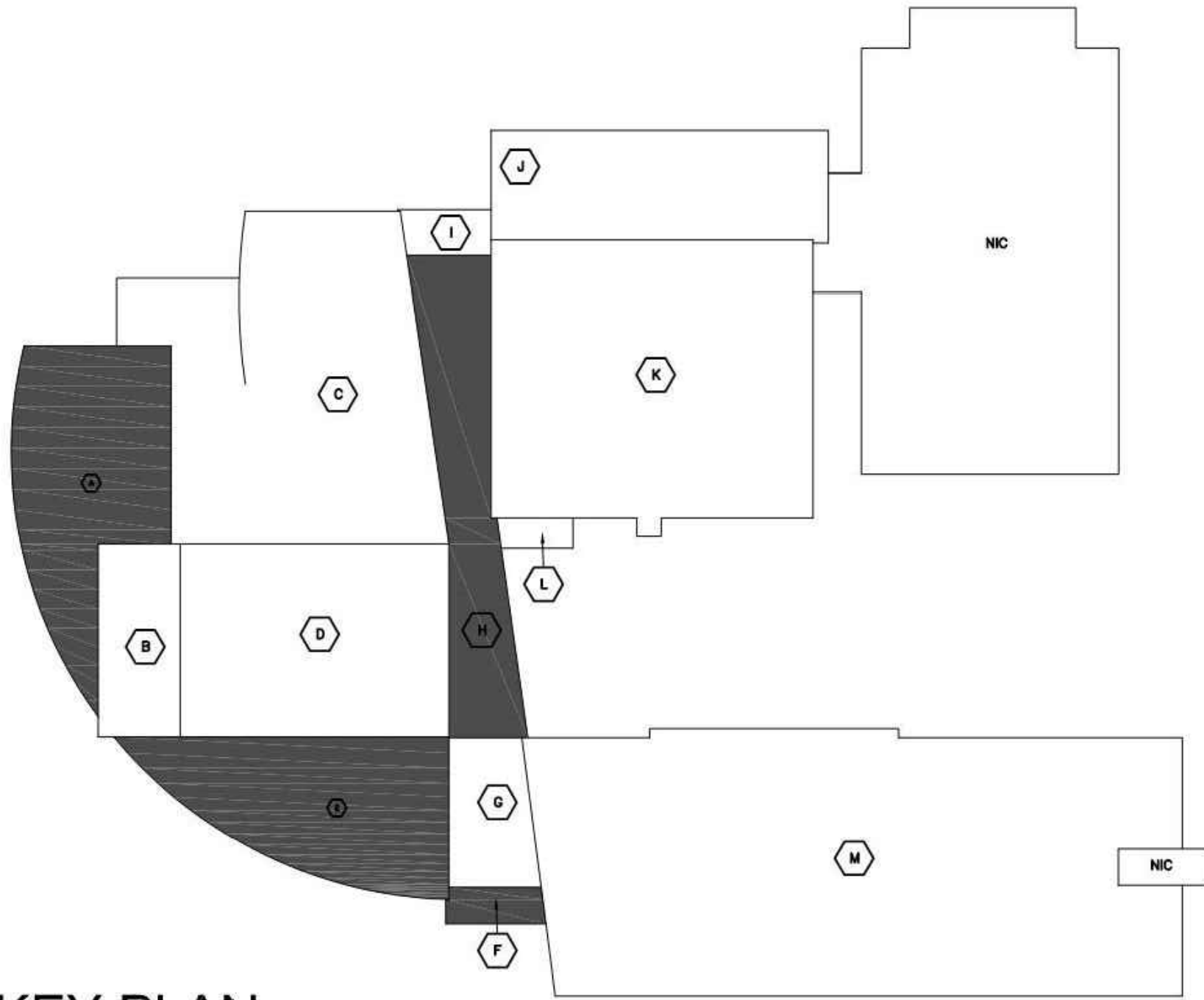
WSP USA SOLUTIONS, INC.

500 Summit Lake Dr, Suite 450, Valhalla, NY 10595
phone: 914.747.1120

PUTNAM VALLEY HIGH SCHOOL PARTIAL ROOF REPLACEMENT + REPAIR

Putnam Valley Central School District

171 Oscawana Lake Road
Putnam Valley, New York 10579



KEY PLAN
NOT TO SCALE



LEGEND:

- ROOF REPLACEMENT
- REPAIR EXISTING ROOF

LIST OF DRAWINGS:

GENERAL	
T-1	TITLE SHEET
A-1	PUTNAM VALLEY HIGH SCHOOL ROOF PLAN
A-2	ROOF DETAILS 1 - 12
A-3	ROOF DETAILS 13 - 24
A-4	ROOF DETAILS 25 - 30

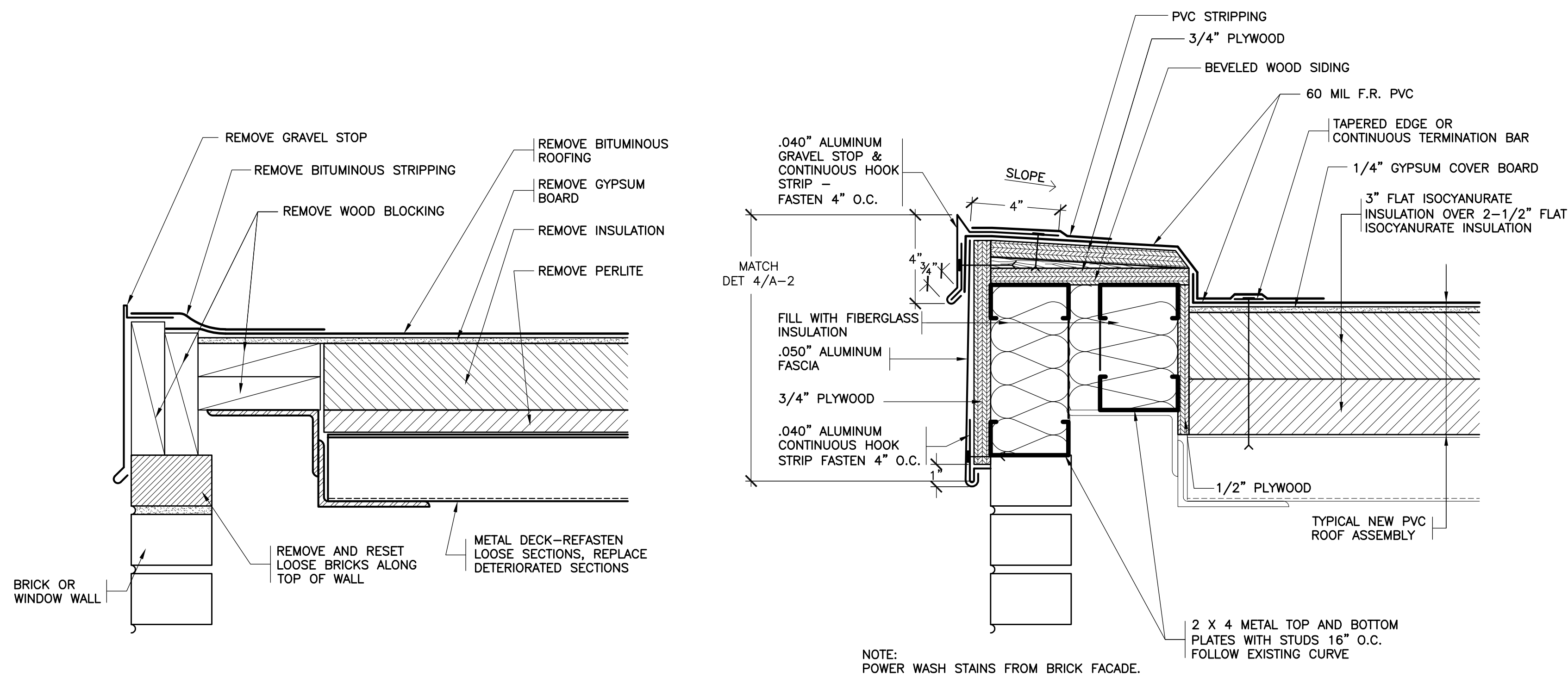
PARTIAL ROOF REPLACEMENT & REPAIR

Putnam Valley
Central School District
171 OSCAWANA LAKE ROAD, PUTNAM VALLEY, NY 10579

KG D listen
imagine
build
KG+D Architects, pc
285 main street, mount kisco, new york 10549
914.666.5900 www.kgdarchitects.com

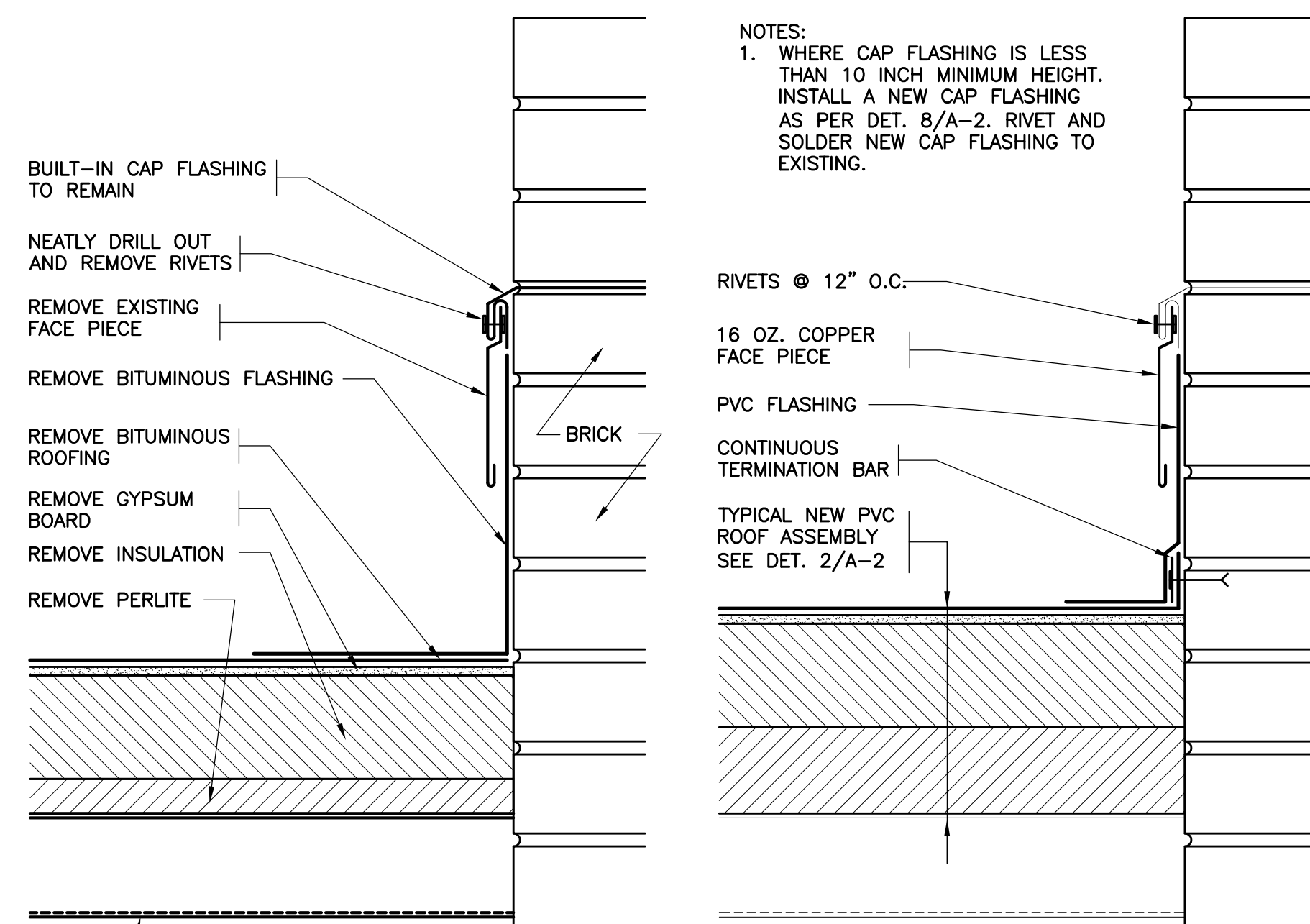
S.E.D. Control No.
48-05-03-04-0-010-007

CONSTRUCTION DOCUMENTS



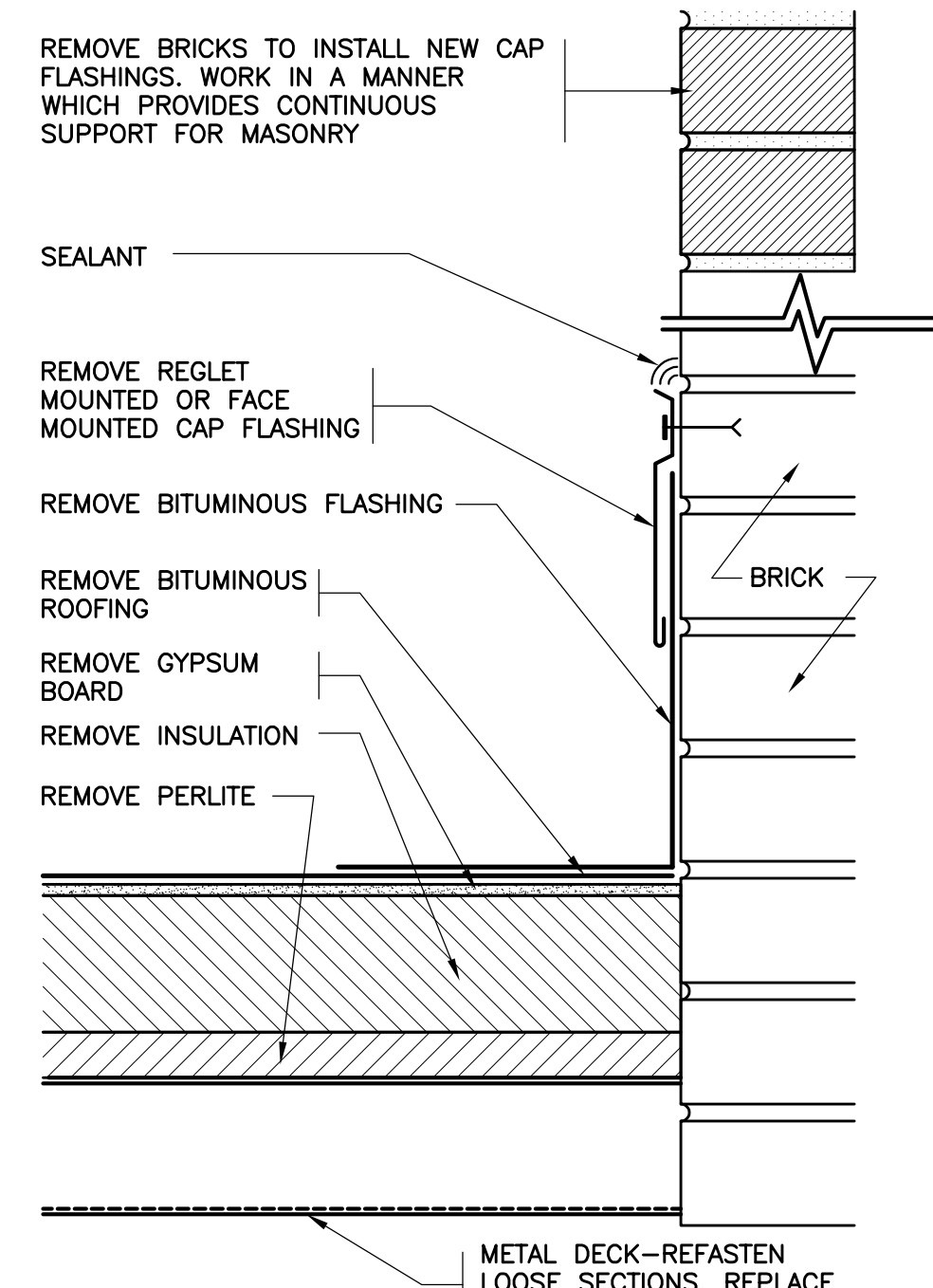
1 EXISTING EAVE
SCALE: 0" 1" 2" 4" 8"

2 REVISED EAVE
SCALE: 0" 1" 2" 4" 8"

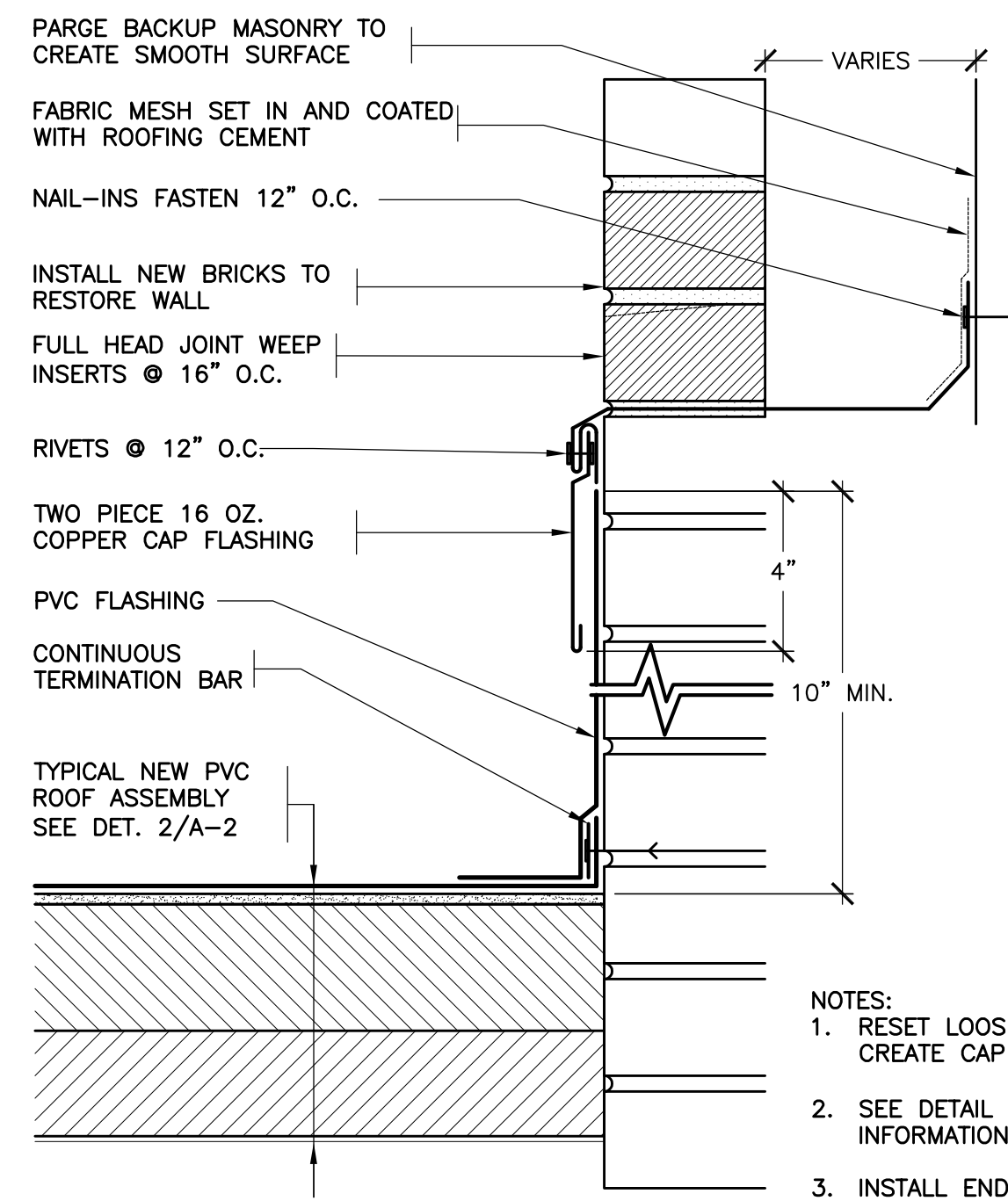


5 EXISTING BASE
SCALE: 0" 1" 2" 4" 8"

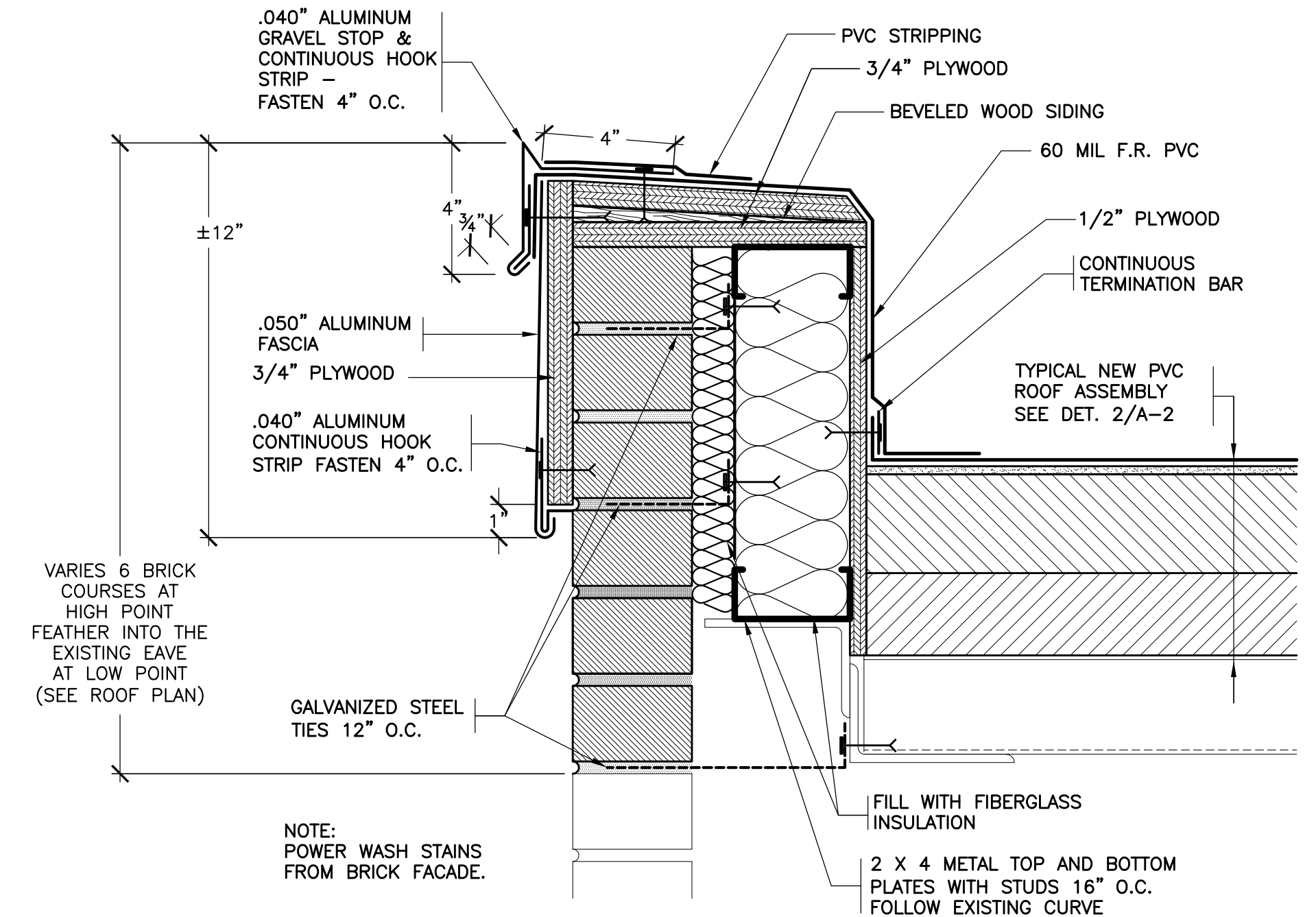
6 REVISED BASE
SCALE: 0" 1" 2" 4" 8"



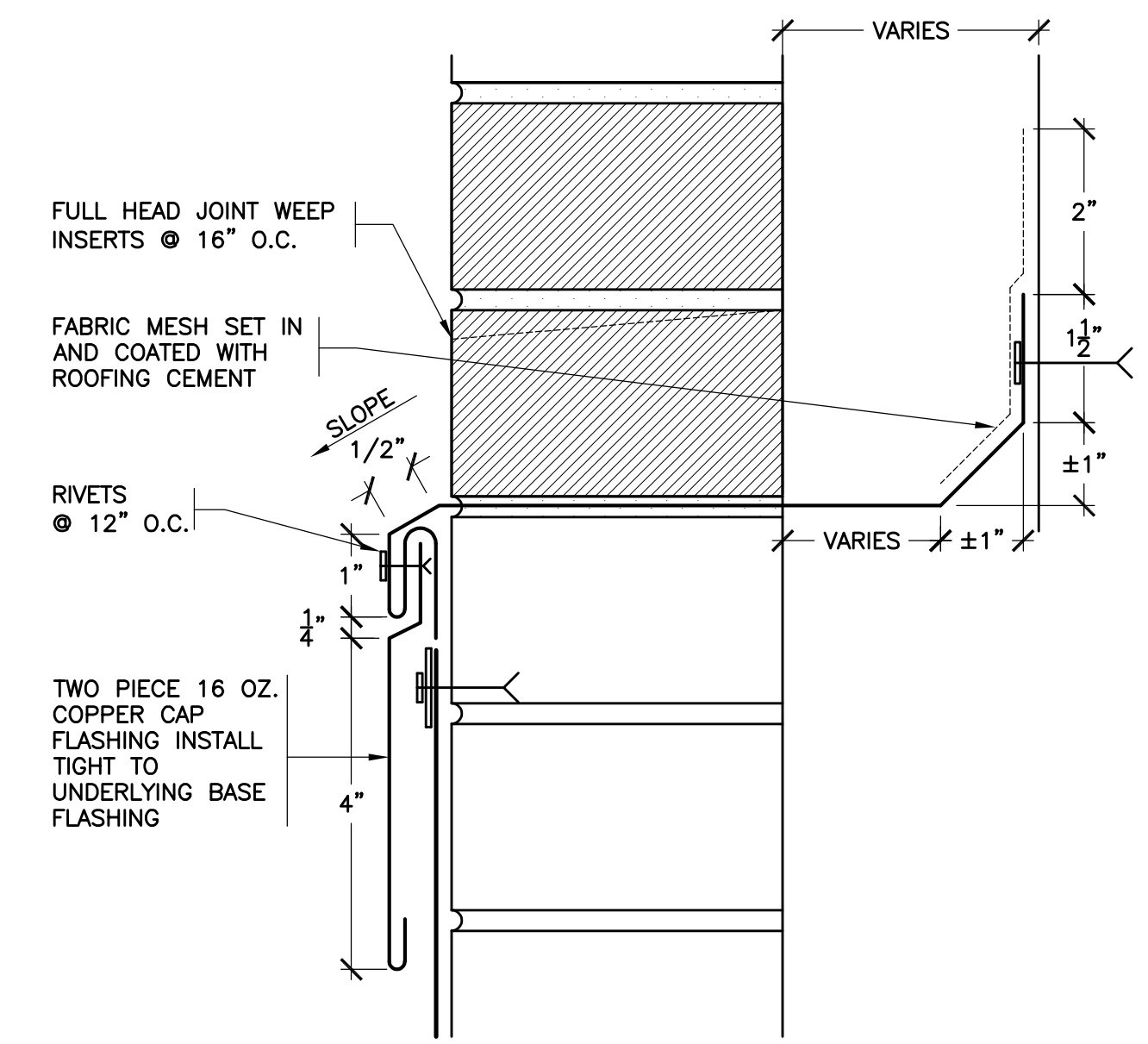
7 EXISTING BASE (NEW CAP
FLASHING NEW LOCATION)
SCALE: 0" 1" 2" 4" 8"



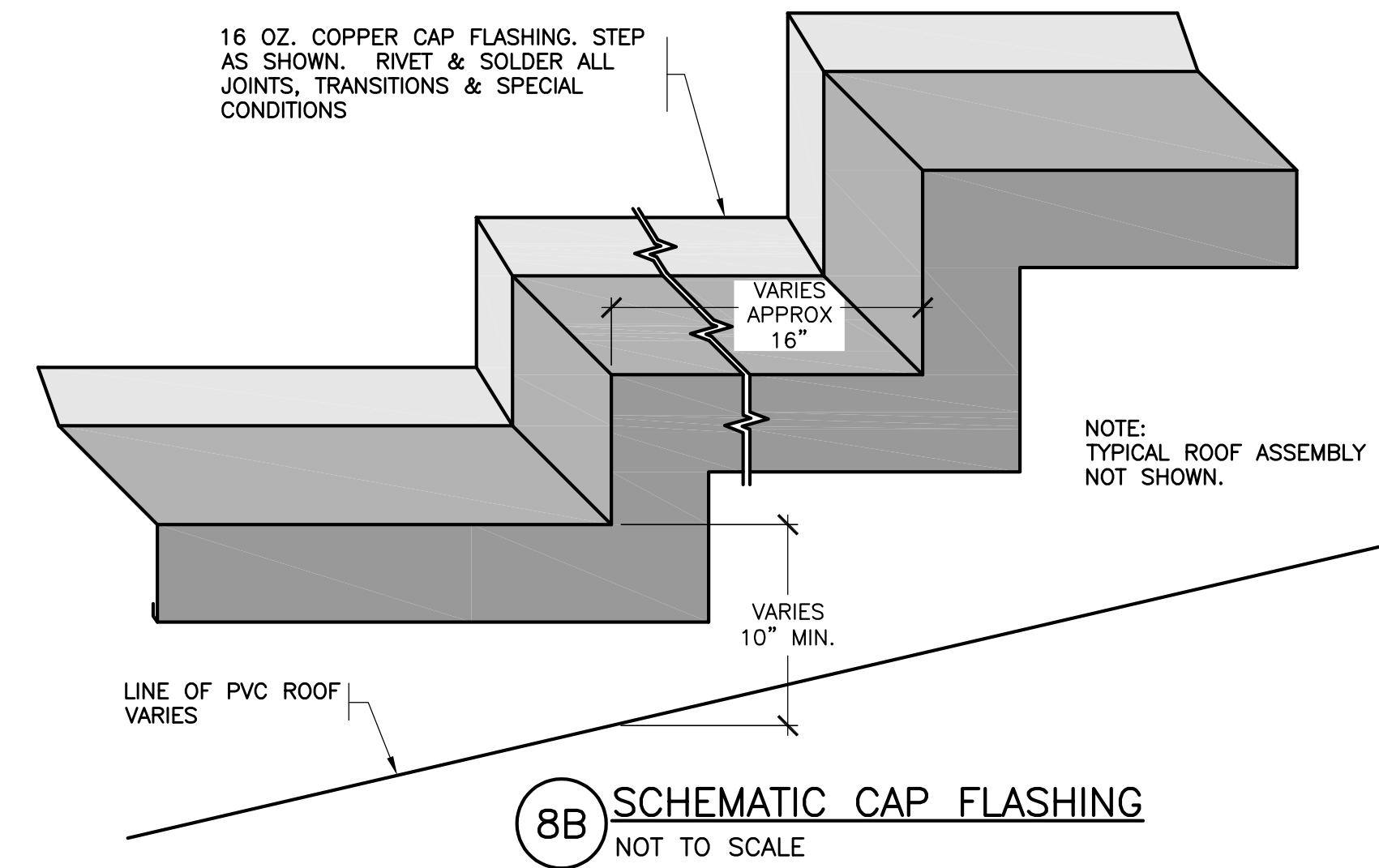
8 REVISED BASE (NEW CAP
FLASHING NEW LOCATION)
SCALE: 0" 1" 2" 4" 8"



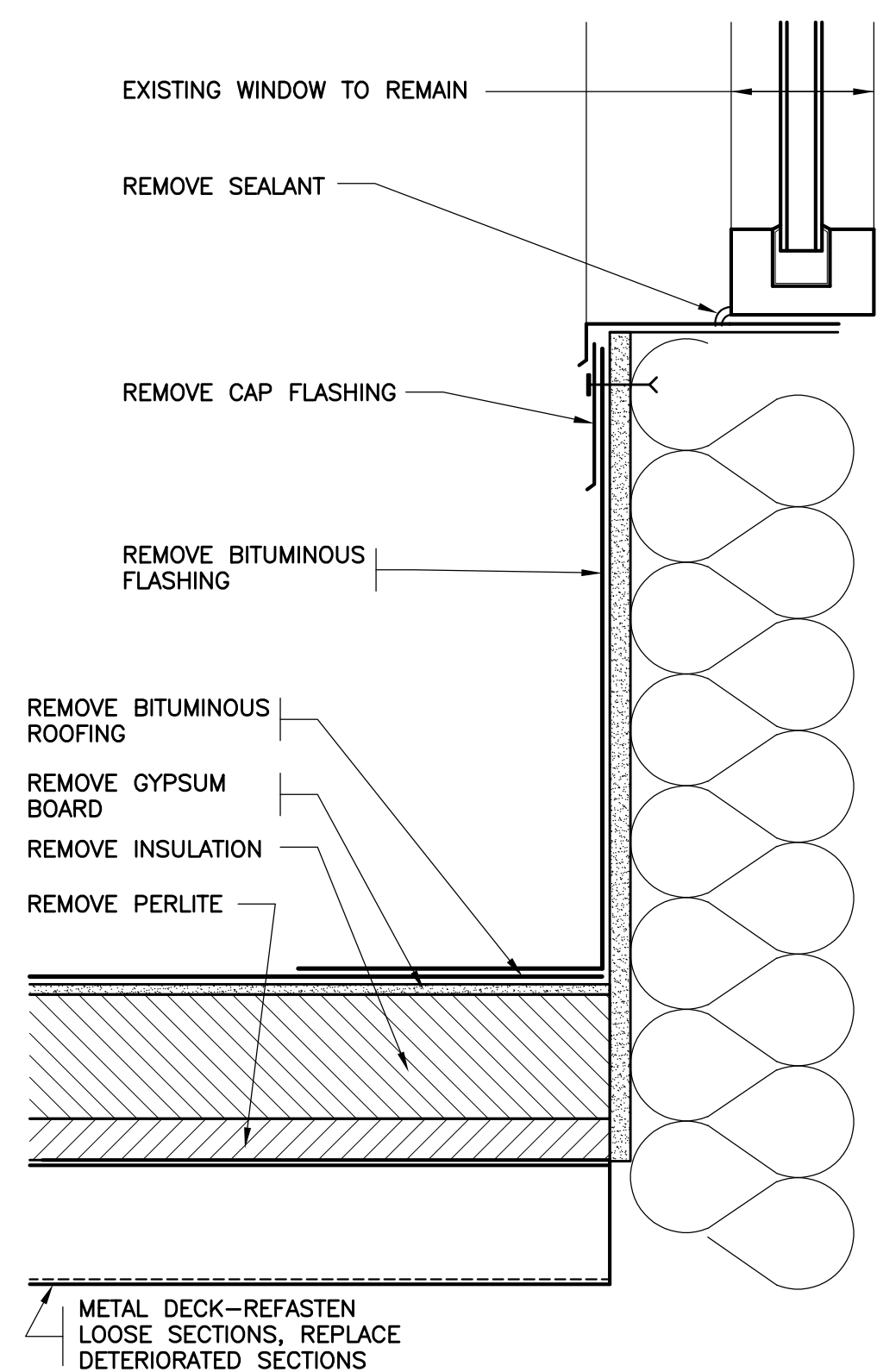
4 REVISED EAVE
SCALE: 0" 1" 2" 4" 8"



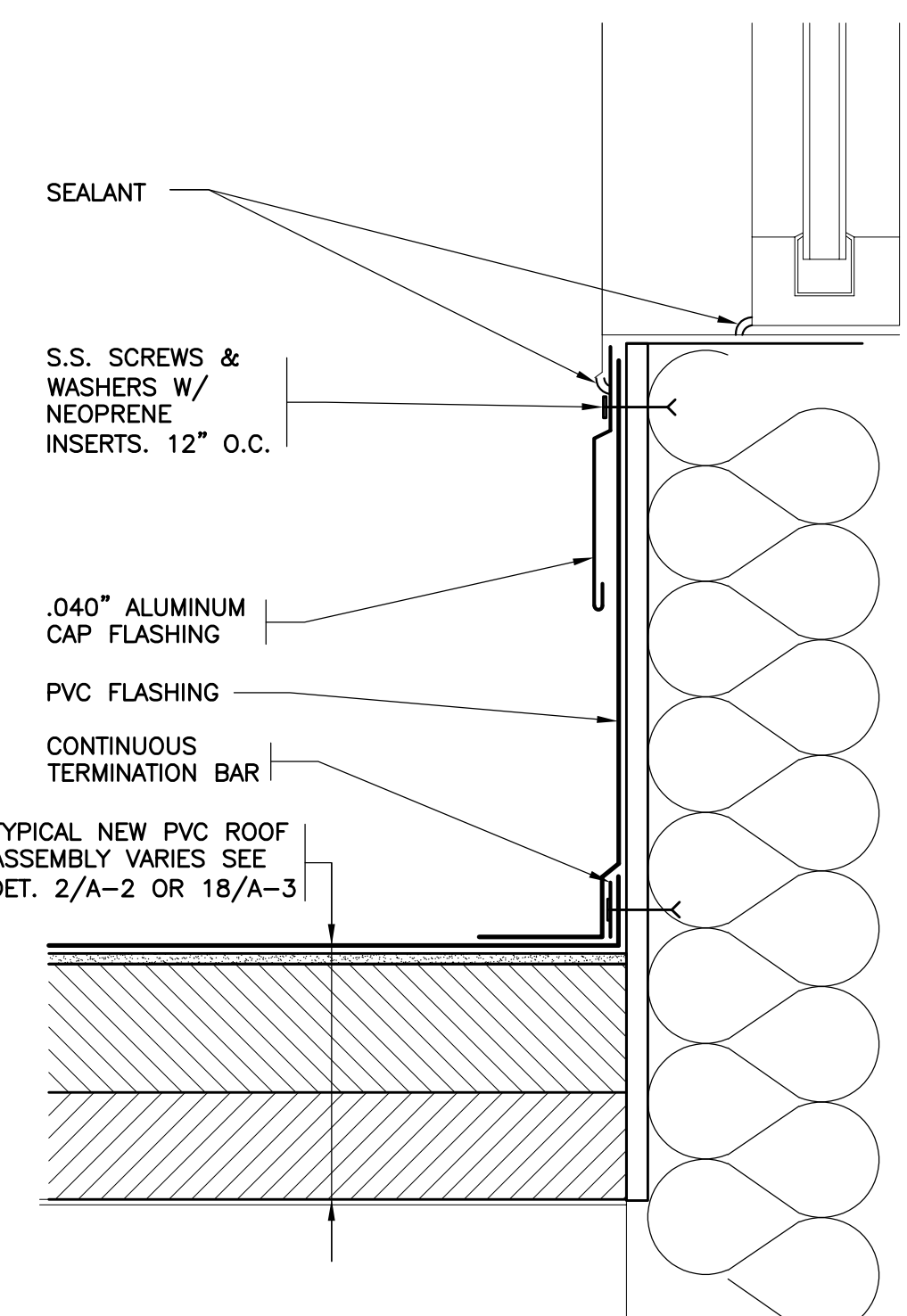
8A REVISED CAP FLASHING
SCALE: 0" 1" 2" 4"



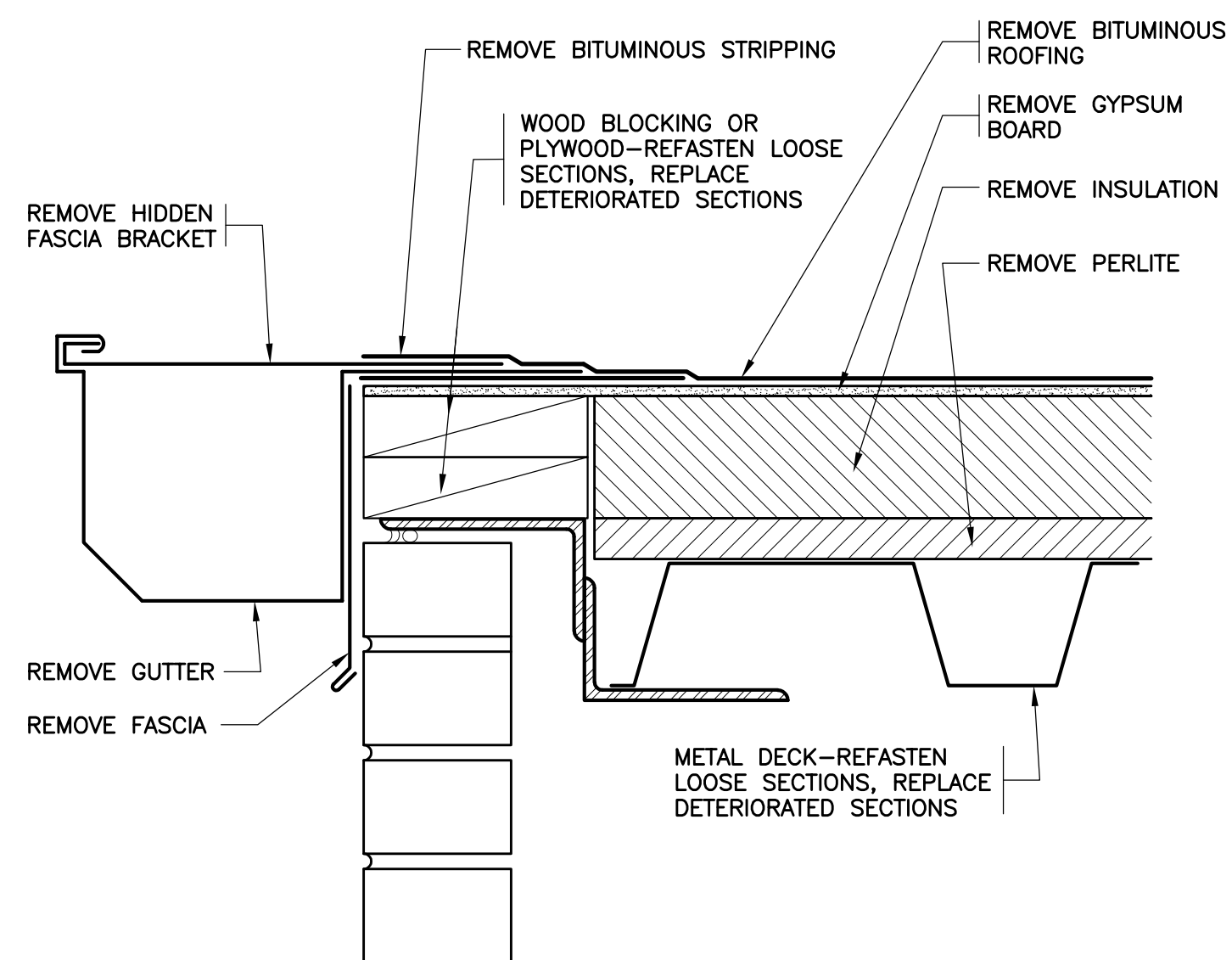
8B SCHEMATIC CAP FLASHING
NOT TO SCALE



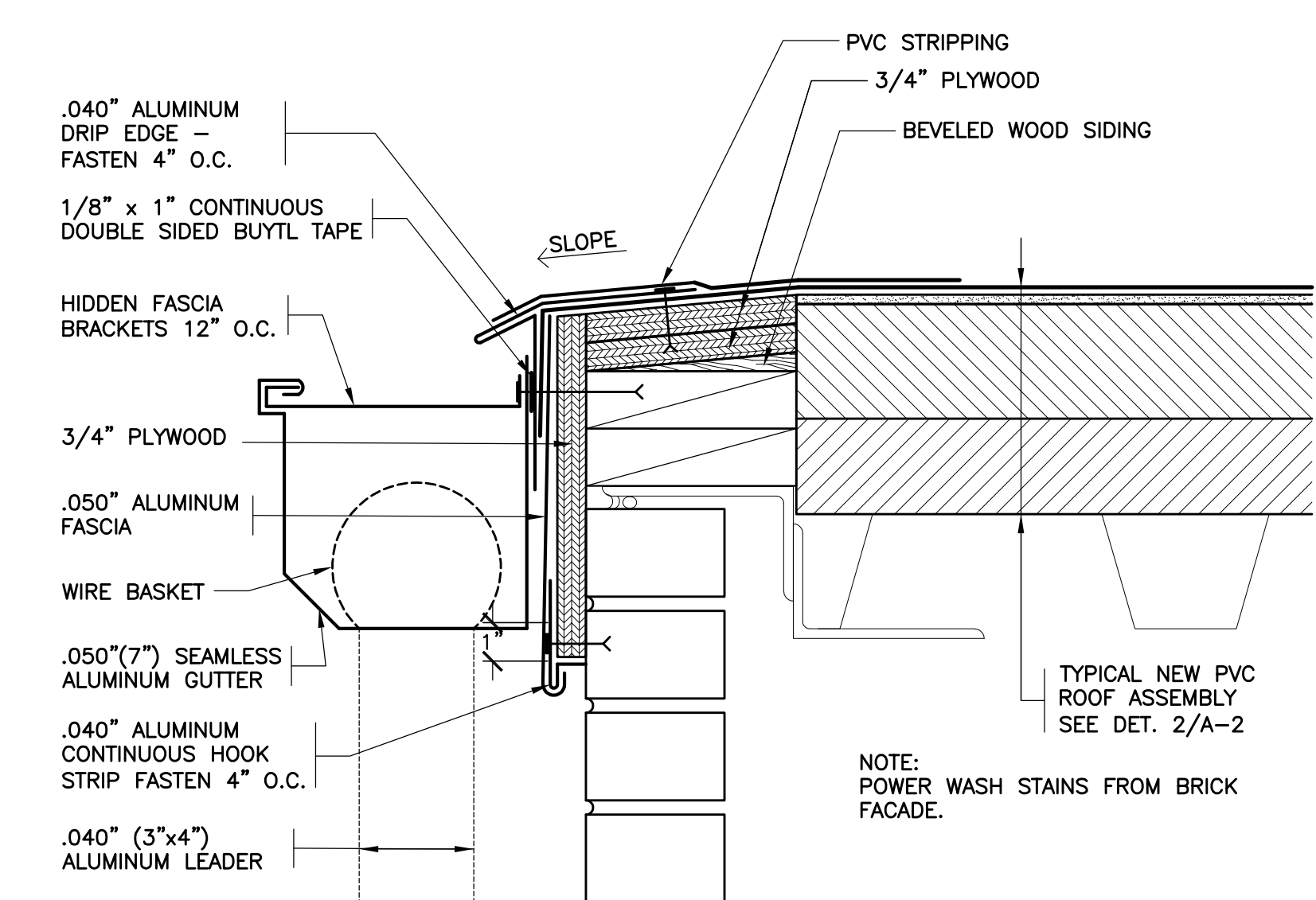
9 EXISTING BASE @ WINDOW
SCALE: 0" 1" 2" 4" 8"



10 REVISED BASE @ WINDOW
SCALE: 0" 1" 2" 4" 8"



11 EXISTING GUTTER EAVE
SCALE: 0" 1" 2" 4" 8"



12 REVISED GUTTER EAVE
SCALE: 0" 1" 2" 4" 8"

Professional Seal

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAUFER, GARMENT, & DAVIDSON ARCHITECTS, P.C. (KGAD) AND WERE CREATED BY KAUFER, GARMENT, & DAVIDSON ARCHITECTS, P.C. (KGAD) AND WERE CREATED FOR THE SPECIFIC PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KGAD. WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THE OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION. LEGAL NOTICE: ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HEREIN, IS A VIOLATION OF TITLE VIII, SECT. 89.5-B OF NEW YORK STATE LAW. © Copyright KG+D Architects, P.C. All rights reserved.

2 06/10/2022 ISSUE FOR BID
1 05/25/2022 CONSTRUCTION DOCUMENTS

No. Date Issue
Sheet Title

ROOF DETAILS

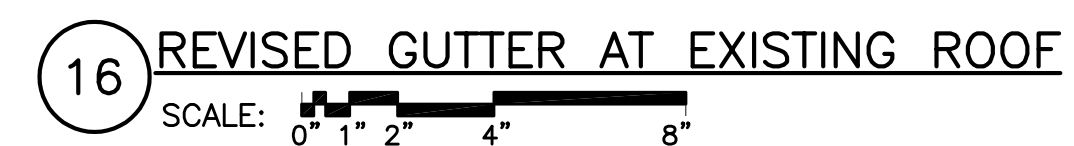
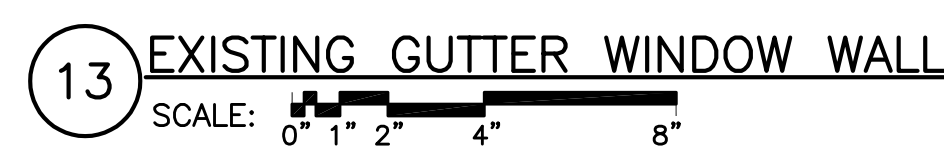
Job No.
2021-1086

Date
05/25/2022

Scale
AS NOTED

Drawn/Checked
WA/KG+D

Sheet No.
A-2



NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAEYER, GARMENT & DAVIDSON ARCHITECTS, P.C. (KGD), AND ARE HEREBY TRANSFERRED TO THE CLIENT BY THE SIGNATURE OF KGD AND THE CLIENT, WITH THE SPECIFIED PROJECT, NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF KGD. ANY UNWRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. ANY LEGAL NOTICE, ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSE ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS VOID AND OF NO EFFECT. 202.9 OF NEW YORK STATE LAW.

© Copyright KGD Architects, Inc.

ROOF DETAILS

Drawn/Checked WA/KG±D

PARTIAL ROOF REPLACEMENT & REPAIR



CONSTRUCTION DOCUMENTS

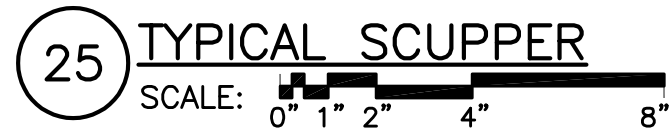


Diagram illustrating the components and assembly of a roof drain system, showing a cross-section of the roof structure and the drain assembly.

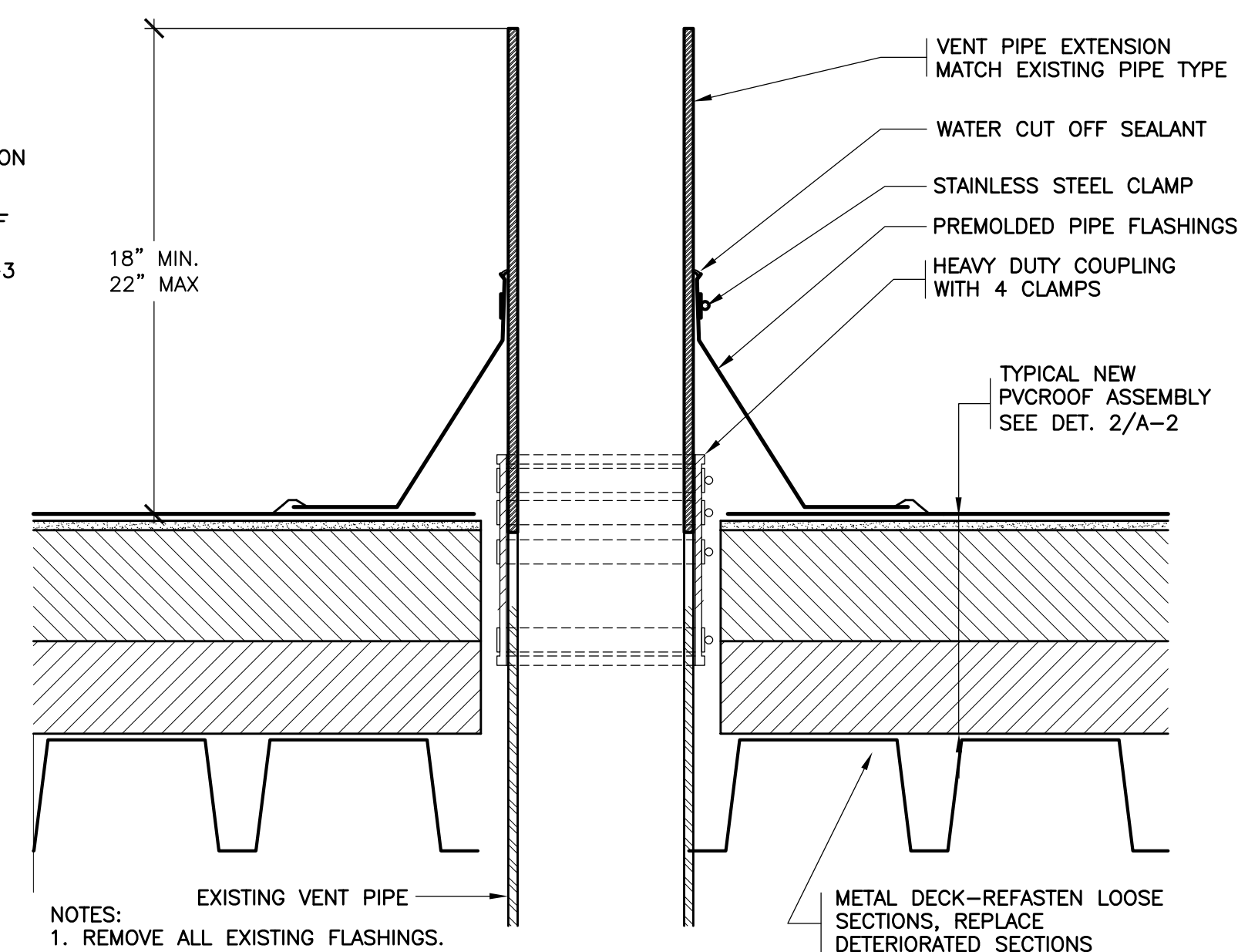
Key components and labels:

- ROOF DRAIN WITH CAST IRON DOME
- 5" HIGH PERFORATED STAINLESS STEEL STRAINER
- CONTINUOUS SEALANT
- 1-1/2" THICK ISOCYANURATE INSULATION
- TAPERED EDGE STRIPS
- TYPICAL NEW PVC ROOF ASSEMBLY VARIES SEE DET. 2/A-2 OR 18/A-3
- 3" THICK ISOCYANURATE INSULATION FILLER
- (2) 2x4 WOOD BLOCKING ALL AROUND
- EXISTING METAL DECK
- STAMPED GALVANIZED STEEL DRAIN SUMP RECEIVER DRAIN RECEIVER
- FIBER GLASS INSULATION
- PREFABRICATED WHITE PVC DRAIN BOWL FITTING COVERS
- REPLACE 2 FEET OF ADJOINING PIPE AND INSULATION AS NEEDED TO INSTALL NEW DRAIN

Scale: 2'-0"

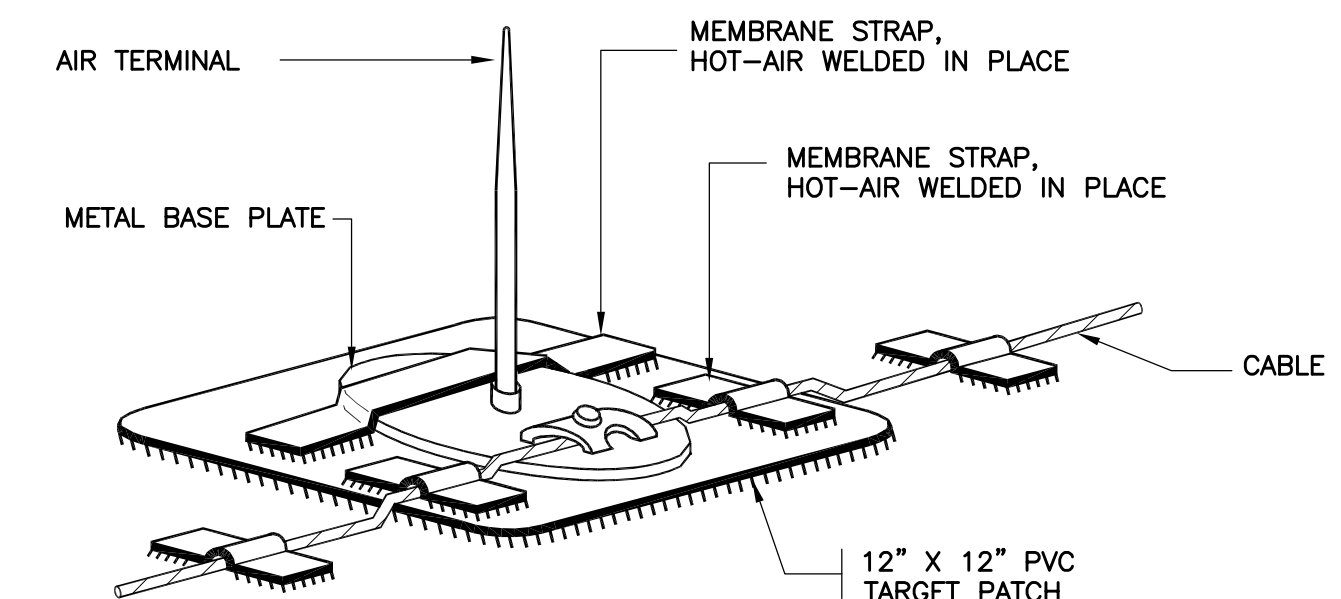
- NOTES:
1. REMOVE EXISTING ROOF DRAINS AND RELATED FLASHINGS.
 2. INSTALL TAPERED EDGE STRIPS & INSULATION FILLERS TO CREATE A MINIMUM 4 FT. x 4 FT. SQUARE SUMP AT EACH DRAIN.
 3. INSTALL INSULATION ON ALL HORIZONTAL DRAIN LINES, NEW VERTICAL DRAIN LINES AND THE UNDERSIDE OF THE NEW DRAIN BOWL.

26 REVISED ROOF DRAIN
SCALE:



- EXISTING VENT PIPE →
- NOTES:
1. REMOVE ALL EXISTING FLASHINGS.
 2. REMOVE KENNEDY COUPLINGS AND EXTEND VENT PIPES TO MEET MIN. HEIGHT REQUIREMENT.
 3. INSTALL PREMOLDED PIPE FLASHINGS WHENEVER POSSIBLE. WHEN PREMOLDED PIPE FLASHINGS CANNOT BE INSTALLED USE FIELD WRAPPED FLASHINGS.
- METAL DECK SECTIONS, DETERIORATED

27 REVISED VENT PIPE
SCALE: 1" = 1'-0"



28 REVISED AIR TERMINAL ON ROOF OR FLASHING
NOT TO SCALE



NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAEYER, GARMENT & DAVIDSON ARCHITECTS, P.C. (KGD), AND ARE HEREBY TRANSFERRED TO THE CLIENT BY THE SIGNATURE OF KGD AND THE CLIENT, WITH THE SPECIFIED PROJECT, NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF KGD. ANY UNWRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. ANY LEGAL NOTICE: ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSE ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, CHAPTER 28, § 2-2.3 OF THE NEW YORK STATE LAW.

© Copyright KGD Architects, Inc.

2	06/10/2022	ISSUE FOR BID
1	05/25/2022	CONSTRUCTION DOCUMENTS
No.	Date	Issue

Job No.	Sheet No.
---------	-----------

Date	05/25/2022
------	------------

Scale	AS NOTED
-------	----------

AS NOTED
Drawn/Checked
WA/KG+D

A-4