AS REQUIRED BY MODULE MANUFACTURER

IRONRIDGE RAIL
IRONRIDGE UNIVERSAL FASTENING OBJECT
PV MODULE FRAME
IRONRIDGE DECK FLASHING (OPTIONAL)

SIDE VIEW, ATH (FLAT TILE), LANDSCAPE MODULE

PLAN VIEW, ATH (FLAT TILE), LANDSCAPE MODULE

FRONT VIEW, ATH (FLAT TILE), LANDSCAPE MODULE

Detail, End Clamp (Camo) Plan

Detail, Mid Clamp Plan

Detail, Mid Clamp Front

Detail, End Clamp (Camo) Front

Ironridge Universal Fastening Object
PV Module Frame
Ironridge Camo End Clamp
Ironridge Rail

Scale: 1"=1'-0"
PLAN VIEW, ATH (S TILE), PORTRAIT MODULE
Scale: 1"=1'-0"

SIDE VIEW, ATH (S TILE), PORTRAIT MODULE
Scale: 1"=1'-0"

FRONT VIEW, ATH (S TILE), PORTRAIT MODULE
Scale: 1"=1'-0"

DETAIL, MID CLAMP PLAN
Scale: 6"=1'-0"

DETAIL, MID CLAMP FRONT
Scale: 6"=1'-0"

DETAIL, END Clamp (UFO) PLAN
Scale: 6"=1'-0"

DETAIL, END Clamp (UFO) FRONT
Scale: 6"=1'-0"
AS REQUIRED BY MODULE MANUFACTURER

PLAN VIEW, ATH (S TILE), PORTRAIT MODULE

SIDE VIEW, ATH (S TILE), PORTRAIT MODULE

DETAIL, MID CLAMP PLAN

DETAIL, MID CLAMP FRONT

DETAIL, END CLAMP (CAMO) PLAN

DETAIL, END CLAMP (CAMO) FRONT

PV MODULE FRAME
IRONRIDGE UNIVERSAL FASTENING OBJECT
IRONRIDGE CAMO END CLAMP

IRONRIDGE UNIVERSAL FASTENING OBJECT

IRONRIDGE CAMO END CLAMP

IRONRIDGE RAIL

IRONRIDGE DECK FLASHING (OPTIONAL)

IRONRIDGE RAIL

IRONRIDGE DECK FLASHING (OPTIONAL)

IRONRIDGE ATH

IRONRIDGE ATH

IRONRIDGE RAIL

IRONRIDGE UNIVERSAL FASTENING OBJECT

IRONRIDGE UNIVERSAL FASTENING OBJECT

IRONRIDGE RAIL

IRONRIDGE RAIL

IRONRIDGE DECK FLASHING (OPTIONAL)

IRONRIDGE jihadists (OPTIONAL)

IRONRIDGE DECK FLASHING (OPTIONAL)

IRONRIDGE ATH

IRONRIDGE ATH

IRONRIDGE RAIL

IRONRIDGE RAIL

IRONRIDGE DECK FLASHING (OPTIONAL)

IRONRIDGE DECK FLASHING (OPTIONAL)
AS REQUIRED BY
MODULE MANUFACTURER

IRONRIDGE DECK FLASHING (OPTIONAL)
IRONRIDGE ATH
IRONRIDGE RAIL
IRONRIDGE UNIVERSAL
FASTENING OBJECT

PLAN VIEW, ATH (W TILE), PORTRAIT MODULE

IRONRIDGE STOPPER SLEEVE
IRONRIDGE UNIVERSAL
FASTENING OBJECT

W TILE
PV MODULE FRAME
IRONRIDGE RAIL
IRONRIDGE ATH
IRONRIDGE STOPPER SLEEVE

FRONT VIEW, ATH (W TILE), PORTRAIT MODULE

0.4xL MAX.
L

PER 15% WIND SPEED LIMIT

SHEET NAME
JOB NO.
ISSUE DATE
SHEET NO.
SHEET SIZE

1495 ZEPHYR AVE, HAYWARD, CA 94544
800.227.9523    IRONRIDGE.COM

NOT FOR
CONSTRUCTION

REVISION HISTORY
APPROVAL STATUS
REV
DESCRIPTION
DATE

3.1 SR
SLOPED ROOF
PV SYSTEM
DETAILS: ALL
TILE HOOK
(ATH) - W TILE
PORTRAIT
(UFO)
DEC 2018
IR 3.0

SCALE: 1"=1'-0"

SLOPED ROOF
PV SYSTEM
DETAILS: ALL
TILE HOOK
(ATH) - W TILE
PORTRAIT
(UFO)
AS REQUIRED BY
MODULE MANUFACTURER

IRONRIDGE DECK FLASHING (OPTIONAL)

IRONRIDGE RAIL
IRONRIDGE ATH

W TILE

PV MODULE FRAME
IRONRIDGE UNIVERSAL
FASTENING OBJECT

IRONRIDGE RAIL
IRONRIDGE CAMO
END CLAMP

PV MODULE FRAME
IRONRIDGE RAIL
IRONRIDGE CAMO
END CLAMP

IRONRIDGE UNIVERSAL
FASTENING OBJECT

PLAN VIEW, ATH (W TILE), PORTRAIT MODULE

SIDE VIEW, ATH (W TILE), PORTRAIT MODULE

DETAIL, END CLAMP (CAMO) PLAN

DETAIL, END CLAMP (CAMO) FRONT

DETAIL, MID CLAMP PLAN

DETAIL, MID CLAMP FRONT

FRONT VIEW, ATH (W TILE), PORTRAIT MODULE
As required by module manufacturer

IronRidge Tile Replacement Flashing (S Tile)

IronRidge Rail

IronRidge KO Tile

PV Module Frame

IronRidge Universal Fastening Object

IronRidge Stopper Sleeve

IronRidge KO Tile

Detail, End Clamp (UFO) Plan

Detail, Mid Clamp Plan

Detail, Mid Clamp Front

Detail, End Clamp (UFO) Front

Scale: 1"=1'-0"
As required by module manufacturer.

Ironridge Rail
Ironridge Tile Replacement Flashing (W TILE)
Ironridge KO Tile
Ironridge Universal Fastening Object

PV module frame
Ironridge Universal Fastening Object
Ironridge Camo End Clamp
Ironridge Rail

Scale: 1"=1'-0"

Scale: 6"=1'-0"

Scale: 0.4"=1'-0"

Plan View, Ko tile (W TILE), Portrait Module

Side View, Ko tile (W TILE), Portrait Module

Front View, Ko tile (W TILE), Portrait Module
PLAN VIEW, FLASHFOOT2 MOUNT, LANDSCAPE MODULE

SCALE: 1"=1'-0"

IRONRIDGE STOPPER SLEEVE
IRONRIDGE UNIVERSAL FASTENING OBJECT

FM MODULE
IRONRIDGE RAIL
G 7.2

0.6xL MAX.

FRONT VIEW, FLASHFOOT2 MOUNT, LANDSCAPE MODULE

SCALE: 1"=1'-0"

IRONRIDGE STOPPER SLEEVE
IRONRIDGE RAIL
IRONRIDGE UNIVERSAL FASTENING OBJECT

PV MODULE
IRONRIDGE FLASHFOOT2

SIDE VIEW, FLASHFOOT2 MOUNT, LANDSCAPE MODULE

SCALE: 1"=1'-0"

PV MODULE FRAME
IRONRIDGE UNIVERSAL FASTENING OBJECT
IRONRIDGE RAIL

PLAN VIEW, FLASHFOOT2 MOUNT, LANDSCAPE MODULE

SCALE: 1"=1'-0"

IRONRIDGE STOPPER SLEEVE
IRONRIDGE UNIVERSAL FASTENING OBJECT

PV MODULE
IRONRIDGE RAIL

SCALE: 6"=1'-0"

DETAIL, MID CLAMP PLAN

SCALE: 6"=1'-0"

DETAIL, MID CLAMP FRONT

SCALE: 6"=1'-0"

DETAIL, END CLAMP (UFO) PLAN

SCALE: 6"=1'-0"

DETAIL, END CLAMP (UFO) FRONT

SCALE: 6"=1'-0"

CLIENT NAME: IRONRIDGE
PROJECT NAME: SLOPED ROOF MOUNT SYSTEM
PROJECT ADDRESS: 1495 ZEPHYR AVE, HAYWARD, CA 94544

NOT FOR CONSTRUCTION

REVISION HISTORY

APPROVAL STATUS

REV
DESCRIPTION
DATE

3.1 SR
SLOPED ROOF
PV SYSTEM
DETAILS:
FLASHFOOT2
DEC 2018
IR 7.2

IRONRIDGE RAIL
IRONRIDGE STOPPER SLEEVE
IRONRIDGE UNIVERSAL FASTENING OBJECT

PV MODULE FRAME
IRONRIDGE UNIVERSAL FASTENING OBJECT
IRONRIDGE RAIL

IRONRIDGE RAIL
IRONRIDGE STOPPER SLEEVE
IRONRIDGE UNIVERSAL FASTENING OBJECT

PV MODULE FRAME
IRONRIDGE UNIVERSAL FASTENING OBJECT
IRONRIDGE RAIL

IRONRIDGE RAIL
IRONRIDGE STOPPER SLEEVE
IRONRIDGE UNIVERSAL FASTENING OBJECT

PV MODULE FRAME
IRONRIDGE UNIVERSAL FASTENING OBJECT
IRONRIDGE RAIL
PLAN VIEW, FLASHFOOT2 MOUNT, LANDSCAPE MODULE

SIDE VIEW, FLASHFOOT2 MOUNT, LANDSCAPE MODULE

FRONT VIEW, FLASHFOOT2 MOUNT, LANDSCAPE MODULE

DETIAL, MID CLAMP PLAN

DETIAL, MID CLAMP FRONT

AS REQUIRED BY MODULE MANUFACTURER

PV MODULE FRAME
IRONRIDGE UNIVERSAL FASTENING OBJECT
IRONRIDGE RAIL
IRONRIDGE FLASHFOOT2

PV MODULE FRAME
IRONRIDGE RAIL
IRONRIDGE CAMO END CLAMP

PV MODULE FRAME
IRONRIDGE RAIL
IRONRIDGE CAMO END CLAMP

PV MODULE FRAME
IRONRIDGE RAIL
IRONRIDGE CAMO END CLAMP

0.4xL MAX.

SCALE: 1"=1'-0"

SCALE: 6"=1'-0"

SCALE: 6"=1'-0"

SCALE: 6"=1'-0"
PV MODULE, BY OTHERS
IRONRIDGE RAIL
ALUMINUM STANDOFF
(E) ROOF MEMBRANE
PIPE-STYLE FLASHING, BY OTHERS

SELF-DRILLING SCREW
IRONRIDGE RAIL
ALUMINUM STANDOFF
(E) ROOF MEMBRANE
PIPE-STYLE FLASHING, BY OTHERS

TOP-FACING SLOT
UNDERMOUNTING SLOT
INTERNAL SPlice
SIDE-FACING SLOT

IRONRIDGE ALUMINUM POST STANDOFF
PLAN VIEW

IRONRIDGE ALUMINUM POST STANDOFF
SIDE VIEW

GROUNDING STRAP, INSTALLED AS NEEDED
SELF-DRILLING SCREW
IRONRIDGE RAIL
IRONRIDGE INTERNAL SPlice

1'-0" = 1'-0"

IRONRIDGE RAIL
IRONRIDGE INTERNAL SPlice

1'-0" = 1'-0"

IRONRIDGE RAIL
IRONRIDGE INTERNAL SPlice

1'-0" = 1'-0"

IRONRIDGE ALUMINUM POST STANDOFF
SIDE VIEW

INSTALL WITH VENT PIPE STYLE FLASHING
5/16" LAG BOLT
BY OTHERS

SHEET NAME
JOB NO.
ISSUE DATE
SHEET NO.
SHEET SIZE
24X36
Plan View, S-5-U Assembly Mount, Portrait Module

1. PLAN VIEW, S-5-U ASSEMBLY MOUNT, PORTRAIT MODULE
   Scale: 1"=1'-0"

2. SIDE VIEW, S-5-U ASSEMBLY MOUNT, PORTRAIT MODULE
   Scale: 1"=1'-0"

3. FRONT VIEW, S-5-U ASSEMBLY MOUNT, PORTRAIT MODULE
   Scale: 1"=1'-0"

4. DETAIL, MID CLAMP PLAN
   Scale: 6"=1'-0"

5. DETAIL, MID CLAMP FRONT
   Scale: 6"=1'-0"

6. DETAIL, END CLAMP (UFO) PLAN
   Scale: 6"=1'-0"

7. DETAIL, END CLAMP (UFO) FRONT
   Scale: 6"=1'-0"
IRONRIDGE SLOPED ROOF MOUNT SYSTEM

PV MODULE FRAME
IRONRIDGE UNIVERSAL FASTENING OBJECT
IRONRIDGE L-FOOT
IRONRIDGE RAIL

PV MODULE FRAME
IRONRIDGE UNIVERSAL FASTENING OBJECT
IRONRIDGE L-FOOT
IRONRIDGE RAIL

PV MODULE FRAME
IRONRIDGE RAIL
IRONRIDGE CAMO END CLAMP

PLAN VIEW, S-5-U ASSEMBLY MOUNT, PORTRAIT MODULE
Scale: 1"=1'-0"

SIDE VIEW, S-5-U ASSEMBLY MOUNT, PORTRAIT MODULE
Scale: 1"=1'-0"

DETAIL, MID CLAMP PLAN
Scale: 6"=1'-0"

DETAIL, MID CLAMP FRONT
Scale: 6"=1'-0"

DETAIL, END CLAMP (CAMO) PLAN
Scale: 6"=1'-0"

DETAIL, END CLAMP (CAMO) FRONT
Scale: 6"=1'-0"

FRONT VIEW, S-5-U ASSEMBLY MOUNT, PORTRAIT MODULE
Scale: 1"=1'-0"

SNOW LOAD, PSF
EXPOSURE CAT
MODULE TYPE
RISK CAT
WIND SPEED, MPH
SYSTEM KW DC
MODULE W DC
MODULE QTY
CLIENT NAME
PROJECT NAME
PROJECT ADDRESS
SYSTEM KW DC

IR 9.1
2020

1495 ZEPHYR AVE, HAYWARD, CA 94544
800.227.9523    IRONRIDGE.COM
PLAN VIEW, S-5-U ASSEMBLY MOUNT, LANDSCAPE MODULE
Scale: 1"=1'-0"

SIDE VIEW, S-5-U ASSEMBLY MOUNT, LANDSCAPE MODULE
Scale: 1"=1'-0"

DETAIL, MID CLAMP PLAN
Scale: 6"=1'-0"

DETAIL, MID CLAMP FRONT
Scale: 6"=1'-0"

DETAIL, END CLAMP (UFO) PLAN
Scale: 6"=1'-0"

DETAIL, END CLAMP (UFO) FRONT
Scale: 6"=1'-0"

IRONRIDGE RAIL
PV MODULE FRAME
IRONRIDGE UNIVERSAL FASTENING OBJECT
IRONRIDGE L-FOOT

IRONRIDGE STOPPER SLEEVE
IRONRIDGE UNIVERSAL FASTENING OBJECT
PV MODULE FRAME
IRONRIDGE RAIL

IMRIONRIDGE RAIL
PV MODULE FRAME
IRONRIDGE UNIVERSAL FASTENING OBJECT
IRONRIDGE STOPPER SLEEVE

0.4xL MAX.
IRONRIDGE RAIL
IRONRIDGE STOPPER SLEEVE
IRONRIDGE UNIVERSAL FASTENING OBJECT
IRONRIDGE FLASHFOOT

PLAN VIEW, FLASHFOOT MOUNT, LANDSCAPE MODULE
Scale: 1"=1'-0"

SIDE VIEW, FLASHFOOT MOUNT, LANDSCAPE MODULE
Scale: 1"=1'-0"

DETAIL, MID CLAMP PLAN
Scale: 6"=1'-0"

DETAIL, MID CLAMP FRONT
Scale: 6"=1'-0"

DETAIL, END CLAMP (UFO) PLAN
Scale: 6"=1'-0"

DETAIL, END CLAMP (UFO) FRONT
Scale: 6"=1'-0"