UC SANTA CRUZ

STANDARD PLASTER INSTALLATION AND DETAILS
STANDARD

December 5, 2014
NOTES:

1. Any conditions that do not allow the installation to be performed as outlined in this guide require notification of the Architect.
2. Where elements on details and instruction are noted to be “soldered”, elements are to be “soldered water-tight”, not just “spot” of “tack” soldered.
The rough opening is prepared by applying the primer on all sheathing surfaces to receive SAF.
ALL SAF installed to roll flat with **J-Roller**.

Sheathing to receive SAF with gaps greater than 1/8” to be treated with sealant to provide backing.
Sealant being applied in sheathing gap greater than 1/8"

SAF corner pieces installed at bottom corners 4" up jambs.
GSM angle with 3/4" vertical leg butted up to tapered shim at sill, secured with “S.S. Pan-Head screws” or “hot-dip galvanized ring-shanks nails” into sill framing.

SAF butterfly patches installed at sill GSM angle to jamb intersections.

Cut SAF at dotted line to lay flat on wall face. Release paper to remain.
12” wide SAF installed min. 4” over sheathing face, onto the GSM angle to interior edge of sill R.O.

Note: SAF w/ release paper still attached at horizontal surface OR install strip of WRB below all wall openings prior to SAF installation.

SAF butterflies installed at outside framing corners of sill.
12” wide SAF installed along jamb over sheathing face 4” and extending 4” beyond rough opening @ top & bottom.
SAF butterfly patches installed at jamb to head framing outside comers.

NOTE: Photo is from Phase 1 Mockup. Ignore SAF type and green Air and Water Barrier.
9" wide SAF installed over window head and extended to outside edge of jamb SAF.

Apply continuous bead of Silicone or Moistop sealant at window head and jamb sides.

Sill to be wet set into sealant, between interior face of window frame and GSM angle.

Note: Do not apply sealant along sill nailing flange.
Window installed into rough opening into continuous bead of sealant along head and jambs. Fasten with “S.S. Pan-Head Screws”.

Note: Do not nail/screw thru window flange at along head.

1/16 inch plastic shims installed along sill flange, do not extend past window frame width.
9” wide SAF installed over window flange jambs, extended 6” beyond sill & head rough openings

9” wide SAF installed over window head, extended to outside edge of jamb SAF.
GSM head flashing installed over window head. Fasten using “hot-dip galvanized ring-shank nails”. **Do not penetrate window head fin with fasteners.**

12” wide SAF installed over GSM head flashing.
Install GSM angles along jambs, set in a full-bed of sealant. Also apply sealant between joint of GSM angle and window frame. (Interior Side)
Notes:

1. Details and photos show an out-swinging door. Sequencing is identical for in-swinging doors.
2. Any conditions that do not allow the installation to be performed as outlined in this guide require immediate notification of the Architect.
3. Where elements on details and instructions are noted to be “soldered”. Elements are to be “soldered water-tight”, not just “spot” or “tack” soldered.
The rough opening is prepared by applying the primer on all sheathing surfaces to receive SAF.
Sealant applied along door sill and wall flanges for sill pan installation.

Fully soldered GSM sill pan set in full bed of sealant under sill and wall flanges. Slide pan into opening to smear sealant and eliminate air pockets.

Apply hot-dip galvanized ring-shank nail fasteners through vertical surfaces only.
Confirm podium waterproofing installed onto door sill pan and up jambs prior to door frame installation.

NOTE: Protection board over hot rubber not shown in this photo.

ALL SAF installed to roll flat with J-Roller.
12" wide SAF installed into full depth of rough opening extending out over sheathing 4" min.

Exterior Door Jamb
(Detail 7/A9.10)
Remove flange from bottom corners of door frame jambs prior to setting into rough opening.

Door frame set into rough opening and secured to structure with “stainless steel pan-head screws” or “hot-dip galvanized ring-shank nails.”
24 GA GSM L-Metal installed, with minimum 1/4” contact between L-Metal and Door Frame, set in sealant.

Note: UV metal at base of wall at deck to be installed after L-Metal.

L-metal interlocking leg trimmed at base of door jambs to accommodate base flashing waterproofing build-up.
6" wide SAF installed over L-Metal and under plaster stop.
GSM head flashing installed, head flashing to overhang over door frame.

9" wide SAF installed over window head flashing.
Notes:

1. Any conditions that do not allow the installation to be performed as outlined in this guide require immediate notification of the Architect.
2. Where elements on details and instructions are noted to be “soldered”. Elements are to be “soldered water-tight”, not just “spot” or “tack” soldered.
Prior to installation of podium WP confirm preceding installations complete (i.e. sheet metal saddles, door sill pans, continuous wall flashing, etc).

Note: All sheet metal flashings to receive WP membrane to be set in manufacturer approved sealant.

Clean the substrate(s) to receive podium waterproofing before proceeding with application of podium WP system.

NOTE: Photo is from Phase 1 Mockup. Ignore GSM wall base flashing and green Air and Water Barrier.
PRIMER is to be applied using a hand held sprayer onto **ALL** surfaces receiving the podium WP membrane.

**Typical Podium WP @ Wall**
(Detail 9/A8.22)
1st Coat of podium waterproofing applied (approx. 90 mils).

NOTE: Neoprene @ deck edge applied beforehand. Deck edge waterproofing installation described on pages 4-7

Uncured neoprene set into 1st coat of WP membrane at wall base.
Following the application of 1st coat of the WP membrane install the uncured neoprene onto the door sill pan.

NOTE: Neoprene may be replaced w/ Reemay reinforcing fabric on faces of door rough opening to avoid build-up
Apply 1\textsuperscript{st} coat of WP onto deck edge

Set 9" wide uncured neoprene onto horizontal surface of edge allowing min 3" of neoprene onto vertical surface.
Apply a bonding adhesive (sealant) onto the vertical surface of the deck edge to receive the uncured neoprene.

Note: Amount and pattern of bonding adhesive sealant application shown in photo not acceptable.

Alternative uncured neoprene outside corner options in lieu of “pig ear” to be explored.

Note: Application as shown in photo not acceptable.

Diagram below shows acceptable corner lapping method. Dotted lines are deck edge.
Apply WP membrane onto uncured neoprene over deck edge.

Set 22 GA S.S. edge metal into WP membrane, fastened @ 4” o.c., 2-rows staggered.

Note: Clean and Apply Primer onto S.S. edge metal on surfaces to come in contact with WP membrane (top and bottom surfaces of horizontal leg).
Pipe penetration WP @ Deck
(Detail 11/AC8.22)

2-piece S.S. pipe collar, with hemmed top edge secured to deck w/ fasteners and sealant
1st coat of WP membrane applied onto flange of S.S. pipe collar.
2-pieces of uncured neoprene reinforcement with WP membrane between laps applied around S.S. pipe collar, extending beyond nailing flange onto horizontal deck.

NOTE: Neoprene may be replaced w/ Reemay reinforcing fabric to avoid build-up

2nd coat of WP membrane applied onto uncured neoprene around pipe collar.
Flashing @ Deck Column
(Detail 6/AP8.22)

Column kerf cut location to be determined by topping slab height. Existing may be acceptable. Extend cut around entire perimeter of column.
Deck edge uncured neoprene turned up base of column underneath kerf cut.

Note: Neoprene (including vertical leg) to be set in WP membrane.

2nd coat of WP membrane applied onto uncured neoprene.
Fully soldered deck edge metal flashing wrapping around deck column. Fasten along top edge of flashing.
Full WP membrane system applied over deck edge metal flashing.

Field application of Podium WP

Following completion of WP detailing (i.e. base flashings, deck edges, saddles, etc.)

Apply 1st Coat of podium waterproofing (min. 90 mils) with reinforcing fabric set into membrane.
2<sup>nd</sup> Coat of podium waterproofing applied (min. 125 mils) onto reinforcing fabric

**Note:** Feather podium WP at door jambs and sheathing face area for door frame to prevent build-up

| ![Image](image1.png) | 2<sup>nd</sup> Coat of podium waterproofing applied (min. 125 mils) onto reinforcing fabric

**Note:** Feather podium WP at door jambs and sheathing face area for door frame to prevent build-up |

| ![Image](image2.png) | Apply protection course over 2<sup>nd</sup> Coat of podium WP., including onto the sill of door rough opening.

**Note:** For critical build-up areas only provide 1-layer of protection coarse (i.e. door jambs, lath accessories, etc)

**IMPORTANT:**
Perform Manufacturer’s required testing prior to installations of drain mat & concrete overburden
Install UV metal counter flashing with hemmed edge on bottom of leg and fasten with "stainless steel pan-head screws" or "hot-dip galvanized nails".
Lath & Plaster Installation Sequence Guide

Pyatok Architects and Allana Buick & Bers, Inc.
12/5/2014

Notes:

1. Any conditions that do not allow the installation to be performed as outlined in this guide require immediate notification of the Architect.
2. Where elements on details and instructions are noted to be “soldered”. Elements are to be “soldered water-tight”, not just “spot” or “tack” soldered.
Install GSM weep screed at base of wall onto substrate with “S. S. Pan-Head screws” or “hot-dip galvanized nails”.
ALL SAF installed to roll flat with J-Roller.

Install 9” wide SAF lapped over top leg of GSM weep screed.

Note: Lap SAF edges 3” min at seams.
Install WRB in shingled fashion integrating into opening and penetration flashings.

**Note:** Lap WRB seams horizontally 6” min. and vertically 4” min.

---

**Scaffolding Bolt WP**
(Detail 3/A8.01)
Install starter strip of WRB at sill of tie-bolt to allow for shingling of WRB field installation.  
(Step 1)

*Note:* Tie-back bolt to be proud of sheathing.

Apply SAF "sill" at bolt over WRB starter strip and sheathing.  
(Step 2)
Apply second piece of SAF “head” at bolt, (Step 3)

Apply sealant all around bolt (Step 4)
Install starter strip of WRB at sill and secure fully soldered GSM collar around electrical box with “S.S. Pan-Head screws” or “hot-dip galvanized nails” as required.
Install 9" wide SAF along jamb flanges of electrical box flashing.

Apply SAF along top flange of electrical box flashing.
Install SAF along sill of pipe penetration with release paper remaining on bottom half of SAF or provide starter strip of WRB prior to SAF installation.

NOTE: Cut and fit SAF tight around penetration and seal around penetration, per detail.
Install SAF along head of pipe penetration, overlapping sill SAF 3” min.

Install 2-piece pipe collar flashing, with 4” min. lap set in a full bed of sealant and secured to substrate with “S.S. Pan-Head screws” or “hot-dip galvanized nails” as required. Solder together 2-piece collar after installing around pipe.

Note: Provide 1/2” min. b/w pipe and collar for backer rod & sealant.
Step 1: Install 6" min. wide SAF along sides of pipe collar flange.

Step 2: Install 6" min. wide SAF along top flange.

Step 3: Fill joint with backer-rod and sealant

Wall Opening Flashing Sequence Diagram (For Openings other than Windows/Doors)
Install SAF along sill of wall cap opening with release paper remaining on bottom half of SAF or provide starter strip of WRB prior to SAF installation.
Install SAF along sill and wrapped into sill of wall cap R.O.

Note: Lap seams of SAF 3” min.
Install SAF along head and wrapped into jambs of wall cap R.O.

**Note:** Lap SAF seams 3” min.

Install fully-soldered wall cap with insect screen into R.O. with “S.S. pan-head screws” or “hot-dip galvanized nails”.

**Note:** Secure wall cap within 1.5” of R.O. into solid blocking.
Step 1: Install SAF along sides of collar flange.

Step 2: Install 6" min. wide SAF along top flange.

Wall Louver 4-Sided Z-Flashimg
Primer applied onto louver R.O. surfaces to receive SAF.
Install SAF along sill of wall cap opening with release paper remaining on bottom half of SAF or provide starter strip of WRB prior to SAF installation.
Install SAF along jambs and wrapped into jambs of louver R.O.

Install SAF corners at sill to jamb corners.

Install SAF along head and wrapped into head of louver R.O.
<p>| Apply sealant between nailing flange and louver |
| Secure louver to fully soldered collar (see detail). Securing of louver to collar may be done prior to site installation. |</p>
<table>
<thead>
<tr>
<th>Install SAF at jambs of louver nailing flange.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Install casing bead around sill and jambs of louver opening, Apply sealant between louver and casing bead.</td>
</tr>
</tbody>
</table>
Louver Sill Detail
(Detail 1/A9.02)

Install GSM head flashing over louver.
Install SAF over head flashing nailing flange. Pocket where casing bead is covered by head flashing, to be filled with sealant.
Primer applied onto stucco band surfaces to receive SAF.

2-pieces of SAF installed in shingled fashion to wrap stucco band.

Note: Lap SAF seams 3” min.
Set GSM flashing into full bed of sealant on top shelf of stucco band.
Install 18" wide SAF on outside corner over WRB.

Corner aid installed secured 6" min. o.c.
Provide 18" wide SAF at inside corner over WRB.

Note: Not performed on mockup building
Apply SAF onto substrate at horizontal control joint location with release paper remaining on bottom half of SAF or provide starter strip of WRB prior to SAF installation.
Secure horizontal control joint with fastener, apply SAF over upper flange, and wire tie bottom flange to lath.

Note: Lath discontinuous at control joint locations.

**Vertical Control Joint**
(Detail 6/A8.01)
Install SAF in vertical control joint locations over WRB.

Secure vertical control joint 6” min. o.c

Note: Lath to be discontinuous at vertical control joints and wire tied 6” min. o.c.
Install horizontal control joint intersection continuous with the vertical control joint discontinuous at the intersection. Intersection to be set into a bed of sealant over a secured sheet metal backer plate.
Lath to be secured to structure w/furring nails/screws 16” o.c. horizontally and 6” o.c. vertically.
(N) CEMENT PLASTER AND LATH

(N) WRB

PLYWOOD SHEATHING: REPLACE OSB W/ PLYWOOD SHEATHING WHERE DAMAGED

BATT INSULATION: REPLACE FOIL FACED BATT INSULATION W/ UNFACED BATT INSULATION OF EQUAL R-VALUE

(E) 5/8" GYPSUM BOARD. SEE CUT & PATCH SHEETS FOR GYP BRD. REMOVE AND REPLACE SCOPE.

NOTES:
1. ALL LATHING IS TO BE ATTACHED WITH FURRING NAILS.
2. SEE DETAIL #2 FOR TYPICAL CORNER REINFORCEMENT.
STEP 1: APPLY WRB BELOW BOLT

STEP 2: APPLY SAF "SILL" AT BOLT

STEP 3: APPLY SAF "HEAD" AT BOLT

STEP 4: APPLY SEALANT ALL AROUND BOLT & SAF

REF. DWG: 3/A8.01
NEW LATH ATTACHMENT BLOCKING, TYP.

WRB

LATH FASTENERS @ 6" O.C. INTO SOLID BLOCKING, TYP.

LATH, BEND AT INSIDE CORNER, ATTACH TIGHT TO INSIDE CORNER SUBSTRATE. EXTEND MIN. 24" PAST CORNER. DO NOT CUT MEMBRANE WHEN INSTALLING LATH

18"W SAF. (CENTERED ON CORNER) OVER W.R.B. AT CORNERS

12/03/14

6" = 1'-0"

U.C. SANTA CRUZ INFILL APMNTS REPAIRS

TITLE: CEMENT PLASTER STUCCO INSIDE CORNER

DATE: 12/03/14

SCALE: 6" = 1'-0"

ATTACHED TO:

REF. DWG: 4/A8.01

DWG. NO: ASK 1004.3

12/5/2014 2:43:36 PM
18" SAF (CENTERED ON CORNER) OVER W.R.B. AT CORNERS

FASTENERS FOR CORNER REINFORCING @ 6" O.C. VERT.
-TO HIT BLOCKING
-NAIL HEADS FLAT, DO NOT BEND & PUNCTURE W.R.B.

FILL SPACE SOLID W/ BASE COAT CEMENT PLASTER

GALVANIZED WIRE EXTERIOR CORNER REINFORCING, TYP.
WIRE-TIE TO WALL LATH

W.R.B.
METAL LATH
18" SAF (CENTERED ON CORNER) OVER W.R.B.AT CORNERS
CEMENT PLASTER STUCCO

METAL LATH 12" W, 40 MIL. S.A.F. STRIP (SOLID LINE) INSTALL OVER W.R.B. AND CONTINUOUS BEHIND CONTROL JOINT

VERIFY EXISTING FRAMING. PROVIDE VERTICAL FLAT BLOCKING (2X4 MIN.) OR DOUBLE STUDS BEHIND C.J. AS REQUIRED.

GSM CONTROL JOINT (XJ-15). UNDER WIRE LATH, FASTEN TO STUDS AND BLOCKING

W.R.B. (DASHED LINE) CONT. BEHIND C.J., TYP.

WIRE TIE @ 6" O.C.

C.J FASTENER @ 6" O.C.

NOTE:
1. VERTICAL CONTROL JOINTS LOCATED WHERE SHOWN ON ELEVATION.

DO NOT PAINT INSIDE

CEMENT PLASTER STUCCO

12" W, 40 MIL., S.A.F. STRIP (SOLID LINE) INSTALL OVER W.R.B. AND CONTINUOUS BEHIND CONTROL JOINT

NOTE:
1. VERTICAL CONTROL JOINTS LOCATED WHERE SHOWN ON ELEVATION.

U.C. SANTA CRUZ INFILL APMNTS REPAIRS

TITLE: STUCCO CONTROL JOINT - VERTICAL
DATE: 12/05/14
SCALE: 12" = 1'-0"
ATTACHED TO: U.C. SANTA CRUZ INFILL APMNTS REPAIRS
REF. DWG: 6/A8.01
DWG. NO: ASK 1004.5
12/5/2014 2:43:37 PM
3-COAT CEMENT PLASTER STUCCO
METAL LATH
S.A.F. 12" WIDE
GSM CONTROL JOINT (#15 SOLID LEG OR EQUAL). UNDER WIRE LATH, FASTEN TO STUDS AND/OR BLOCKING.

WIRE TIE @ 6" O.C., TYP.

W.R.B.

S.A.F. STRIP IN, 9" WIDE, MIN.
S.A.F. 12" WIDE
C.J. FASTENERS @ 6" O.C., TYP.

DO NOT PAINT INSIDE

(E) FRAMING

NOTES:
1. PROVIDE SOLID WOOD BLOCKING (2x4 MIN.) FOR FASTENING CONTROL JOINT, TYPICAL
2. HORIZ. CONTROL JOINTS ALIGN W/ WINDOW SILLS, AND AT WINDOW HEAD AT TOP FLOOR, SEE ELEVATIONS.
STEP 1: WRB

STEP 2: 12" WIDE SAF

STEP 3: SHEET METAL BACKER PLATE TYPICAL AT ALL INTERSECTIONS, JOINTS AND BUILDING CORNERS.

STEP 4: CONTINUOUS HORIZONTAL CONTROL JOINT. SEE HORIZONTAL CJ DETAIL.

CUT ENDS OF VERTICAL CONTROL JOINTS TO MATCH ANGLE OF HORIZONTAL CONTROL JOINT SURFACE. DO NOT SEAL LOWER END OF VERTICAL CONTROL JOINT. LEAVE OPEN TO WEEP.

APPLY SEALANT FILLET AROUND ALL SIDES OF JUNCTURE - UPPER END OF VERTICAL JOINT ONLY.

EMBED UPPER END OF VERTICAL CONTROL JOINT IN A FULL BED OF SEALANT 2" WIDE. COMPLETELY FILL ALL SPACE BETWEEN CONTROL JOINT AND BACKER PLATE.

STEP 5: 9" WIDE SAF (SHOWN IN WHITE) OVER HORIZ. C.J.

FASTEN BOTH FLANGES OF EACH CONTROL JOINT THROUGH BACKER PLATE TO FRAMING. (SOME NOT SHOWN FOR CLARITY.)

STEP 6: WRB

STEP 7: 12" WIDE SAF

STEP 8: VERTICAL CONTROL JOINT, DISCONTINUOUS @ CJ INTERSECTION. SEE VERTICAL CJ DETAIL.
24 GA GSM BACK PLATE, TYP. AT CORNERS

REMOVE ANY "SQUEEZE-OUT"

CONTROL JOINT

MITER CONTROL JOINTS AND SET IN A FULL BED OF SEALANT 2" WIDE, COMPLETELY FILLING BACK OF PROFILE.

ISOMETRIC VIEW NOT TO SCALE

2" 2" 2" 2"

SET CONTROL JOINTS IN A FULL BED OF SEALANT 2" WIDE, COMPLETELY FILLING BACK OF PROFILE

CONTROL JOINT, SEE HORIZONTAL CJ DETAIL.

PROVIDE (N) SOLID WOOD BLOCKING (2X4 MIN.) FOR FASTENING CONTROL JOINT, TYPICAL

TITLE: STUCCO CONTROL JOINT HORIZONTAL/CORNER
DATE: 12/05/14
SCALE: 12" = 1'-0"
ATTACHED TO: U.C. SANTA CRUZ INFILL APMNTS REPAIRS
REF. DWG: 9/A8.01

1004.8
NOTES:
1. SHEET METAL J-MOLD RECEIVER.
2. SOLDER TO FORM ONE CONTINUOUS WATERTIGHT PIECE.
3. FIELD VERIFY DIMENSIONS AND CONDITIONS.

SPOT WELD AND SOLDER WATERTIGHT

BACKER ROD AND SILICONE SEALANT CONTINUOUS AROUND PENETRATION

SIZE ALL ALLOW 1/2" SEALANT JOINT ON ALL SIDES

OUTLINE OF PENETRATION (DASHED)

FILL IN CORNERS AND DE-BURR EDGES, TYP.

NOTES:
1. SHEET METAL J-MOLD RECEIVER.
2. SOLDER TO FORM ONE CONTINUOUS WATERTIGHT PIECE.
3. FIELD VERIFY DIMENSIONS AND CONDITIONS.
CEMENT PLASTER

METAL LATH

SAF

FULLY SOLDERED SHEET METAL ESCUTCHEON FLASHING. TO BE 2-PIECE WHERE PENETRATION IS EXISTING.

PLYWOOD SHEATHING

WRB

CEMENT PLASTER

METAL LATH

SAF

SAF, 6" WIDE OVER FLANGE AT TOP AND SIDES

FASTENER

FULLY SOLDERED SHEET METAL ESCUTCHEON FLASHING. TO BE 2-PIECE WHERE PENETRATION IS EXISTING.

NOTES:

1. WHERE SHEATHING GAP IS GREATER THAN 1/8", INSTALL LOW EXPANSION URETHANE FOAM IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. SHAVE CURED FOAM FLUSH WITH SHEATHING.

2. SHEATHING GAP OF 1/8" OR LESS, TYP. ALL SIDES NO FOAM REQUIRED.
PLYWOOD SHEATHING, S.S.D.

GSM FLASHING W/ HEMMED END. SET IN SEALANT

CEMENT PLASTER STUCCO/ LATH OVER SAF

USE (N) PLYWOOD BLOCKING TO REPLACE (E) FOAM BELT COURSE TRIM. MATCH EXISTING LOCATION AND DIMENSIONS.

FASTENERS @ 6" O.C., TYP.

BACKER SAF LAPPED OVER BAND PLYWOOD

24 GA GSM DRIP EDGE WITH S.S. FASTENERS

FASTENERS

SAFE LAP OVER WEEP SCREED

SAF LAP OVER WRB

PLYWOOD SHEATHING, S.S.D.
CEMENT PLASTER STUCCO W/ LATH

24 GA GSM SILL SCREED WITH S.S. FASTENERS

PLYWOOD SHEATHING, S.S.D.

WRB. OVER SAF AND SILL SCREED

9" SAF, LAP OVER SILL SCREED

FASTENER

*REPLACE SILL SCREED AND GSM BASE FLASHING W/ GSM CASING BEAD AT VERTICAL FOUNDATION WALL EDGES. TYP.

WHERE REQ'D, 2" CLEARANCE EXPOSES FRAMING, INSTALL 6" STAINLESS STEEL WALL FLASHING AGAINST WALL BEHIND THE STUCCO BASE FLASHING. REMOVE SEALANT AND FILLER FROM GAP BETWEEN CONCRETE PAVING AND WALL TO ALLOW METAL FLASHING TO EXTEND MINIMUM 1" BELOW SURFACE OF PAVING. THIS WALL FLASHING SHOULD BE SET IN BUTYL SEALANT. SEAL JOINT BETWEEN NEW FLASHING AND PAVING CONCRETE AFTER FLASHING IS INSTALLED. AT OUTSIDE CORNERS, TURN FLASHING AROUND CORNER 6".

TYP. 1/2" MIN.

1/2 MIN. @ PAVING

6 MIN. @ GRADE

2 MIN. @ PAVING

BASE OF WALL

U.C. SANTA CRUZ INFILL APMNTS REPAIRS

TITLE: BASE OF WALL

DATE: 12/05/14

SCALE: 3" = 1'-0"

ATTACHED TO:

REF. DWG: 6/AC8.02, 7/AP8.02

U.C. SANTA CRUZ INFILL APMNTS REPAIRS

DATE: 12/05/14

SCALE: 3" = 1'-0"

ATTACHED TO:

REF. DWG: 6/AC8.02, 7/AP8.02
CEMENT PLASTER

METAL LATH

SAF, 9" WIDE OVER FLANGE AT TOP AND SIDES

WRB

FULLY SOLDERED GSM COLLAR FLASHING

(E) ELECTRICAL BOX

INSTALL WEATHERPROOF GASKET TO REPLACE (E)

(E) LIGHT FIXTURE, REMOVE AND REINSTALL. DETACH, DISCONNECT AND REATTACH AS REQUIRED.

SEALANT FILLET, ALL SIDES

TYP. 4" MIN.

4" MIN. TYP.
1. 26 GA STAINLESS STEEL SADDLE. APPLIED PRIOR TO WATERPROOFING MEMBRANES, BUT OVER WALL FLASHING (WHERE IT EXISTS).

2. STAINLESS STEEL L-METAL. CONTINUOUS TO EACH END (SHOWN CUT FOR CLARITY). STRIP INTO WATERPROOF MEMBRANE.

3. CONFORM STAINLESS STEEL DECK EDGE. CONTINUOUS TO EACH END (SHOWN CUT FOR CLARITY). APPLY OVER WATERPROOFING, AND UNDER CONC. SLAB.

STRIP IN WITH SAF

CASING BEAD. SPOT WELD AND SOLDER TO SADDLE.
STAINLESS STEEL CON-FORM DECK EDGE METAL
HOT FLUID APPLIED WATERPROOFING MEMBRANE, TYP.
(CROSS HATCH)
DRAINAGE COMPOSITE
PROTECTION BOARD (GREY)
REINFORCING FABRIC (DASHED)
NEOPRENE REINFORCING WRAP, DOWN FACE OF WALL,
OVER BONDING ADHESIVE
CUT BACK EDGE OF (E) PLYWOOD SHEATHING

24GA STAINLESS STEEL EDGE METAL. SET IN WP
MEMBRANE AND FASTEN @ 4" O.C., 2-ROWS STAGGERED
(PER MANUFACTURER)

1/2" THICK BUILDUP
DRAINAGE COMPOSITE
PROTECTION BOARD (GREY)
REINFORCING FABRIC (DASHED)
HOT FLUID APPLIED WATERPROOFING MEMBRANE, TYP.
(CROSS HATCH)
STAINLESS STEEL CON-FORM DECK EDGE METAL

REMOVE EDGE OF (E) SLAB
NEOPRENE REINFORCING WRAP, DOWN FACE OF WALL,
OVER BONDING ADHESIVE

24GA STAINLESS STEEL EDGE METAL. SET IN WP
MEMBRANE AND FASTEN @ 4" O.C., 2-ROWS STAGGERED
(PER MANUFACTURER)
(E) SPRINKLER PIPE
BACKER ROD & SEALANT
STAINLESS STEEL (2-PIECE) COLLAR, HEM TOP EDGE, 2" HORIZ. LEG ON DECK SURFACE. SET IN FULL BED OF SEALANT AND FASTEN TO DECK, PER HOT RUBBER MANUF. REQUIREMENTS.

(E) CLAMP. ADJUST TO ALLOW WATERPROOFING AND POURING OF TOPPING SLAB

CONC. TOPPING SLAB, 1-1/2" MIN. THICKNESS

DRAINAGE LAYER

PROTECTION BOARD (GREY)

FILTER FABRIC (DASHED)

HOT RUBBER WATERPROOFING (CROSS HATCH)

(E) METAL DECK W/ STRUCTURAL CONC. SLAB

3/8" MIN., TYP.
HOT FLUID APPLIED WATERPROOFING MEMBRANE, TYP. (CROSS HATCH)

DRAINAGE MAT

HOT FLUID APPLIED MEMBRANE FILLET

PROTECTION COURSE (GREY)

STAINLESS STEEL FLASHING. UPTURN AT BASE COLUMN. HEM BOTTOM @ EDGE. HEM TO FOLD 'IN'

BACKER ROD AND SEALANT OVER COMRESSIBLE FILLER BOARD

1/2"

ROUTE GROOVE W/ SEALANT

REINFORCING FABRIC (DASHED)

HOT FLUID APPLIED WATERPROOFING MEMBRANE, TYP. (CROSS HATCH)

NEOPRENE REINFORCING, RUN UP WALL

EXISTING REDWOOD COLUMN

TITLE: DECK COLUMN WATERPROOFING (PORTER)

DATE: 12/05/14

SCALE: 6" = 1'-0"

ATTACHED TO:

U.C. SANTA CRUZ INFILL APMNTS REPAIRS

REF. DWG: 6/AP8.22

DWG. NO: ASK 1004.18
At corner, use fully soldered edge metal piece to wrap around outside corner of column.

1. Edge Metal @ Corner (Before Counter Flashing Install)

Fully soldered stainless steel counterflashing around column. Key into kerf cut in column and seal bottom edge of counter flashing to be hemmed in.

2. Corner Flashing (W/ Counter Flashing)
SHIM AS REQUIRED BY WINDOW MANUF. FOR WINDOW SUPPORT.

1/2" WD. WINDOW APRON

W.R.B. 3/4"X3/4" 24 GA GSM ANGLE

1X WD. WINDOW SILL

SHIM

BACKER ROD AND SEALANT

CONT. SEALANT BEAD

ALUMINUM WINDOW, SEE SPECIFICATIONS

SHIM AS REQUIRED BY WINDOW MANUF. FOR WINDOW SUPPORT.

1/16" HORSESHOE SHIM AT FASTENERS AT SILL ONLY

CONT. SLOPED SHIM

SAF, O/WRB, WRAPPED UP ONTO ANGLE

3/4"X3/4" 24 GA GSM ANGLE

BASE SAF @ SILL

W.R.B.
CEMENT PLASTER STUCCO
W.R.B., LAP OUTER LAYER O/ WINDOW FIN
12" SAF, LAP O/ WINDOW FIN
SET HEAD AND JAMB FLANGES IN SEALANT
SAF, RUN INTO ROUGH OPENING
ALUMINUM WINDOW, SEE SPECIFICATIONS
BACKER ROD AND SEALANT
3/4" X 1" (SHORT LENGTH AGAINST WNDW), 24 GA GSM ANGLE W/ HEMMED EDGE. SET IN A FULL BED OF SEALANT O/ SAF AND FASTEN @ 12" O.C., MIN.
(N) GYP. BRD. WINDOW WRAP
SHIM TO CREATE EQUAL (+/- 1/4") WINDOW FRAME REVEAL ON JAMB SIDES, TYP.
SHADE

 Sha de overlap past jam, typ.
CEMENT PLASTER STUCCO
W.R.B.
LAP OUTER LAYER O/ HEAD FLASHING
12" SAF, EXTEND O/ HEAD FLASHINGS
9" SAF, LAP O/ WINDOW FIN
SAF, RUN INTO ROUGH OPENING

GSM HEAD FLASHING (PAINT) W/ HEMMED EDGE. EXTEND UP WALL 4" MIN.

SEALANT FILLET
SET HEAD AND JAMB FLANGES IN SEALANT
ALUMINUM WINDOW, SEE SPECIFICATIONS
SEALANT W/ BACKER ROD
L-METAL, TYP.
(N) GYP. BRD. WINDOW WRAP

BLACKOUT WINDOW SHADE UNIT
1-1/8" X 3-1/2" CONTINUOUS PAINTED BLOCKING

HEAD FLASHING FASTENERS. FASTENER CANNOT PENETRATE WINDOW HEAD FIN. KEEP FASTENER CLEAR OF LEADING EDGE OF WINDOW FIN.
**STEP B1:**
- Provide 3" dia SAF circle patches (25 MIL) to seal any pinhole openings at outside framing corners.
- Apply approved SAF patches to seal pin hole openings at angle to jamb intersections.
- Extend 4" beyond rough opening.
- Install window per manufacturer instructions. Head fasteners per detail. Shim and adjust as required to square, plumb and level window unit.
- Prior to setting window unit, apply continuous bead of sealant to back side of mounting flange except at sill where pan occurs.
- Set fastener heads flush with flange; do not bend fastener heads over.
- Apply SAF with laminate roller per manufacturer instructions. Eliminate all wrinkles and air pockets.

**STEP D:**
- SAF (25 MIL) covering entire rough opening.
- Cut at head-to-jamb corner and run onto head and face of jam 4".
- SAF (25 MIL) covering entire rough opening (and over GSM angle). Cut at sill-to-jamb corner and run onto sill and face of wall 4".

**STEP E:**
- Prior to setting window unit apply continuous bead of sealant to back side of mounting flange except at sill where pan occurs.
- Set fastener heads flush with flange; do not bend fastener heads over.
- Apply approved SAF patches to seal pin hole openings at angle to jamb intersections.
- SAF (25 MIL) covering entire rough opening (and under GSM angle). Cut at sill-to-jamb corner and run onto sill and face of wall 4".

**NOTE:**
- Head flashing to be continuous with no joints within 4". Vertical leg. Slope top to drain outward. Provide closed ends with all joints soldered.
- Lap building paper over head flashing. Lap 6" min at vertical seams, 4" min at horizontal seams. Avoid damage to previous flashing materials when trimming building paper.
- Tuck building paper under sill flashing, see step B.

**STEP F:**
- SAF (25 MIL) covering entire rough opening.
- Cut at head-to-jamb corner and run onto head and face of jam 4".
- Extend 3" beyond jamb flexible flashing.

**STEP G:**
- Apply 9" wide SAF (25 MIL) over window head. Extend 3" beyond jam flexible flashing.
- Install galvanized sheet metal head flashing. Lap over window head per detail. End dams to extend 3/4" on each side of window w/ 3" flange on each end. Solder returns.

**STEP H:**
- Apply approved SAF patches to seal pinhole openings at angle to jamb intersections.
- Lap building paper over head flashing. Lap 6" min at vertical seams, 4" min at horizontal seams. Avoid damage to previous flashing materials when trimming building paper.
- Tuck building paper under sill flashing, see step B.

**NOTE:**
- Head flashing to be continuous with no joints within 4". Vertical leg. Slope top to drain outward. Provide closed ends with all joints soldered.

**STEP G1:**
- Apply 9" wide SAF (25 MIL) over window head. Extend 3" beyond jamb flexible flashing.

**STEP G2:**
- Install galvanized sheet metal head flashing. Lap over window head per detail. End dams to extend 3/4" on each side of window w/ 3" flange on each end. Solder returns.

**STEP G3:**
- Add 12" wide SAF (26MIL) strip over GSM head flashing.
**STEP A**

FILL JOINT GAPS > 1/8" WITH SEALANT

**STEP B**

PRIME GYPSUM SHEATHING AND PLYWOOD SHEATHING. PER SAF SPECS

**STEP C**

SILL CORNER SAF

**STEP D**

JAMB SAF

**STEP E**

HEAD SAF. CONTINUOUS ONTO FACE OF R.O.

*THIS INSTALLATION SEQUENCE IS NOT APPLICABLE TO THE DOOR OR WINDOW OPENINGS*
INSECT SCREEN & FASTENING PLATE. REMOVE AND REINSTALL OVER NEW CONT. Z-FLASHING

REPAIR GYP, BD. FINISH

CONT. SEALANT BTWN LOUVER AND Z-FLASHING

FULLY SOLDERED CONT. GSM Z-FLASHING

SEALANT AND BACKER ROD

STUCCO CASING BEAD

FASTENER

12" S.A.F., WRAP UP INTO FULL DEPTH OF OPENING

CEMENT PLASTER STUCCO W/ METAL LATH

W.R.B.
CEMENT PLASTER STUCCO
W/ METAL LATH

EXISTING STRUCTURE

INSECT SCREEN & FASTENING PLATE. REMOVE AND REINSTALL OVER NEW CONT. Z-FLASHING

FULLY SOLDERED CONT. GSM Z-FLASHING

W.R.B. (ABOVE SAF)

6" SAF OVER FLASHING

12" S.A.F., WRAP UP INTO FULL DEPTH OF OPENING

FASTENER

STUCCO CASING BEAD

SEALANT AND BACKER ROD

FULLY SOLDERED CONT. GSM Z-FLASHING

CONT. SEALANT BTWN LOUVER AND Z-FLASHING

REPAIR GYP. BD. FINISH

INSECT SCREEN & FASTENING PLATE. REMOVE AND REINSTALL OVER NEW CONT. Z-FLASHING

LOUVER

U.C. SANTA CRUZ INFILL APMNTS REPAIRS

TITLE: LOUVER JAMB WATERPROOFING
DATE: 12/05/14
SCALE: 6" = 1'-0"
ATTACHED TO:
REF. DWG: 2/A9.02

12/5/2014 2:43:45 PM
6" = 1'-0"

ASK 1004.26
HEAD DRIP FLASHING TO EXTEND PAST LOUVER TO ALLOW TO COVER OVER STUCCO CASING BEAD, SET IN CONT. COMPATIBLE SEALANT BED

12" S.A.F., RUN INTO ROUGH OPENING

12" S.A.F., EXTEND O/ Z-FLASHING & HEAD FLASHING

CONT. SEALANT BTWN LOUVER AND Z-FLASHING

REPAIR GYP. BD. FINISH

INSECT SCREEN & FASTENING PLATE. REMOVE AND REINSTALL OVER NEW CONT. Z-FLASHING

LOUVER

1" MIN. COVER
DEPTH OF LOUVER - 7/8"

4" LEG, TYP.

1" BACK DAM

TITLE: WALL LOUVER 4-SIDED Z-FLASHING
DATE: 12/05/14
SCALE: 3" = 1'-0"
ATTACHED TO: U.C. SANTA CRUZ INFILL APMNTS REPAIRS
DWG. NO: ASK
REF. DWG: 1004.28
Z-METAL HEAD FLASHING DETAIL
U.C. SANTA CRUZ INFILL APMNTS REPAIRS

END DAM EXTENDS 1/4" ABOVE AS SHOWN
24 GA. G.S.M. END CLOSURE
1/4" KICK OUT
10° SLOPE

KICK OUT 10° SLOPE
5/8"

END DAM

VERIFY

6" = 1'-0"

TITLE: Z-METAL HEAD FLASHING DETAIL
DATE: 12/05/14
SCALE: 6" = 1'-0"
ATTACHED TO:
REF. DWG: 5/A9.01, 4/A9.10

12/5/2014 2:43:46 PM
CEMENT PLASTER

W.R.B.

S.A.F., EXTEND OVER COLLAR FLASHING

S.A.F., RUN INTO ROUGH OPENING

SOLDERED WALL CAP W/ INTEGRAL COLLAR FLASHING, SEE DETAIL 9

INTEGRAL COLLAR FLASHING BEYOND

INSECT SCREEN

NEW BLOCKING AS REQUIRED

S.A.F., WRAP INTO ROUGH OPENING

METAL LATH

W.R.B.

PLYWOOD SHEATHING, S.S.D.

5/8" GYP. BD. SOFFIT

(DRILLED HOLE) DUCT, S.M.D.

EXISTING FRAMING

(U.C.) SANTA CRUZ INFILL APMNTS REPAIRS

TITLE: MAKEUP AIR WALL CAP TERMINATION

DATE: 12/05/14

SCALE: 3" = 1'-0"

ATTACHED TO:

REF. DWG: 7/AC9.02, 6/AP9.02

1611 Telegraph Avenue, Suite 230
Oakland, CA 94612
T. 510.465.7010
www.pyatok.com

PYATOK

ASK

1004.30

12/5/2014 2:43:46 PM
INSECT SCREEN (AT INTAKE), OR 1/4" STAINLESS STEEL MESH (AT EXHAUST), BEYOND

NOTE:
WALL CAP HOOD NOT SHOWN

DUCT RECEIVER, BEYOND

TITLE: WALL CAP AT VENT TERMINATION
DATE: 12/05/14
SCALE: 1 1/2" = 1'-0"
ATTACHED TO:
REF. DWG: 9/A9.02

U.C. SANTA CRUZ INFILL APMNTS REPAIRS

1004.31
NOTE:
1. TYP. EXT. DOOR FLASHING
2. FABRICATE PAN FLASHING OF 24 GAUGE GALVANIZED SHEET METAL.
   FOLD UP VERTICAL EDGE BELOW THRESHOLD. DO NOT NAIL AT HORIZONTAL SURFACE.

SOLDER ALL JOINTS, TYP.

3/4" HIGH END DAM. HEM EDGE.
SEE DETAIL.

MATCH ROUGH OPENING WIDTH

TO TOP OF STRUCTURAL SLAB. FIELD VERIFY

4" 5-1/2" 4"

SILL PAN FLASHING
U.C. SANTA CRUZ INFILL APMNTS REPAIRS
WEATHERSTRIPPING/ SMOKESEAL: SEE SPECS.

INSWING DOOR: SEE DOOR SCHEDULE

ALUMINUM SADDLE THRESHOLD, SET IN MASTIC SEALANT @ EACH END. INSTALL W/ SCREWS SET IN SEALANT.

GSM SILL PAN WITH INTEGRAL END CAPS AT JAMS, SET IN FULL BED OF SEALANT APPLIED UNDER SILL & END CAPS, MAINTAIN VERTICAL SHAPE OF END DAM (DO NOT CRIMP DOWN ONTO MEMBRANE). SEE DETAIL 3. SAF OVER UPPER EDGE ALONG JAMS

2 LAYERS 1/2" CDX PLYWD

SEAL DOOR FRAME TO CONCRETE SLAB (FOAM & SEALANT).

SEALANT & BACKER ROD

NEW CONCRETE TOPPING SLAB

DRAINAGE MAT

PROTECTION BOARD. DO NOT OVERLAP LAYERS TO AVOID EXCESSIVE BUILD-UP

REINFORCING FABRIC (DASHED)

NEOPRENE REINFORCING (THICK LINE), RUN UP ONTO SILL PAN

HOT FLUID APPLIED WATERPROOFING MEMBRANE, TYP. (CROSS HATCH), RUN UP ONTO SILL PAN

CANT

DOOR SHOE (PEMKO 216_FG)

FLOORING

1-1/4" GYPCRETE SUB-FLOOR

ACOUSTICAL MAT

1-1/2" FACTORY-PROVIDED SCREW FASTENER. SET IN SEALANT AND SEAL HEAD.

TITLE: EXTERIOR DOOR THRESHOLD AT LANDING

DATE: 12/05/14

SCALE: 6" = 1'-0"

ATTACHED TO:

REF. DWG: 6/A9.10

U.C. SANTA CRUZ INFILL APMNTS REPAIRS

DWG N°: ASK 1004.33

12/5/2014 2:45:33 PM
CEMENT PLASTER STUCCO
PLYWOOD SHEATHING, S.S.D.
9" SAF, OVER HEAD FLASHING, UNDER WRB

LAP S.A.F. INTO DOOR R.O. AND UP WALL AS SHOWN.

@ (N) DOOR: DOOR FRAME ANCHOR PER MANUF.

W.R.B., LAP OVER S.A.F. & HEAD FLASHING, TYP.

1/4"

SEALANT

GSM HEAD FLASHING WITH 30DEG. HEMMED EDGE AND INTEGRAL END CAPS. SEAL TO DOOR FRAME. EXTEND PAST DOOR FRAME MAX 3/8" ON EACH SIDE. SEE DETAIL 4

STEEL DOOR FRAME. (E) TO REMAIN @ GRADE. (N) AT 2F DECK LANDINGS

WEATHERSTRIPPING/ SMOKESEAL

EXTERIOR DOOR. SIM. FOR OUTSWING DOOR

DATE: 12/05/14
SCALE: 3" = 1'-0"
ATTACHED TO:
REF. DWG: 8/A9.10

U.C. SANTA CRUZ INFILL APMNTS REPAIRS

TITLE: EXTERIOR DOOR HEAD AT STUCCO

PYATOK
1611 Telegraph Avenue, Suite 230
Oakland, CA 94612
T. 510.465.7010
www.pyatok.com

12/5/2014 2:43:48 PM