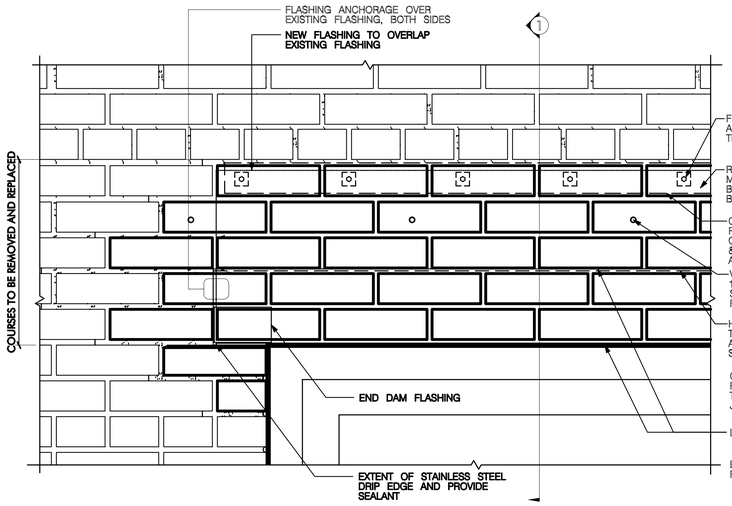
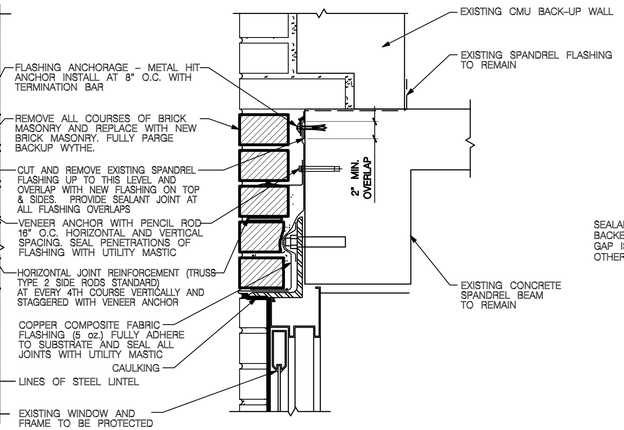
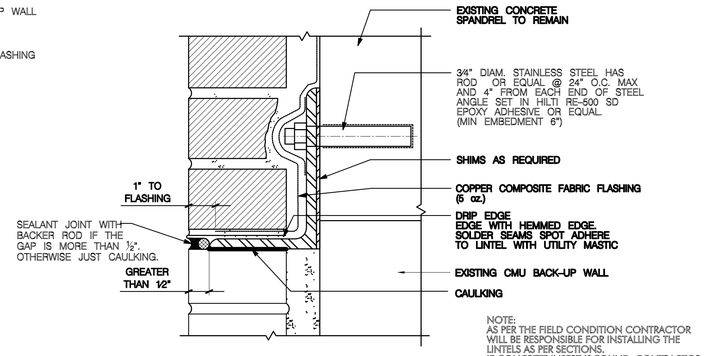


ELEVATION



SECTION 1-1



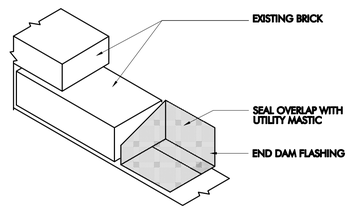
SECTION ON SIDES OF LINTEL
NTS

NOTE:
AS PER THE FIELD CONDITION CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING THE LINTELS AS PER SECTIONS.
IF CONCRETE INSERT IS FOUND, CONTRACTOR SHALL REPLACE EXISTING BOLT AT INSERT WITH ¾" DIA. S.S. ASKEW HEAD BOLT WITH WASHER AND NUT WITH SHIMMING WASHER AS REQUIRED WITHOUT ANY ADDITIONAL COST TO CONTRACT.

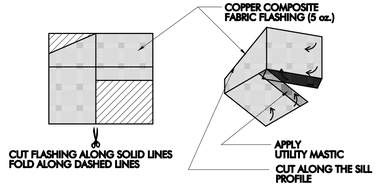
A/E TO FILL IN — DET # / DWG # — LINTEL REPLACEMENT AT SOLID WALL
NTS

REPAIR STEPS:

1. REMOVE FIVE COURSES OF BRICKWORK ABOVE THE LINTEL LINE OR UP TO THE NEXT HEADER COURSE, WHICHEVER IS LESS. WIDTH OF BRICKWORK REMOVAL SHALL BE WINDOW OPENING PLUS 6" ON EACH SIDE OR TO THE NEXT FULL BRICK.
2. REMOVE THE FLASHING. CLEAN THE SURFACE AREA AND REPAIR THE DAMAGED SPANDREL BEAM CONCRETE, IF ANY.
3. INSTALL NEW FLASHING AND NEW LINTELS.
4. REBUILD ALL REMOVED BRICKWORK. NEW BRICKS SHALL BE TOOTHED IN WITH REMAINING BRICKWORK. CAULK THE GAP BETWEEN THE WINDOW FRAME AND LINTELS INCLUDING THE REVEALS (RETURNS) AFTER INSTALLING THE BACKER ROD, IF NECESSARY.
5. COMMONLY 4 FT. WINDOW OPENINGS HAVE LOOSE LINTELS AND WINDOW OPENINGS GREATER THAN 4FT. HAVE ATTACHED LINTELS WITH THE CONCRETE SPANDREL.
6. THE LENGTH OF LINTEL SHALL BE WINDOW OPENING PLUS 2" ON EACH SIDE FOR BOLTED LINTEL, OR WINDOW OPENING PLUS 6" ON EACH SIDE, OR TO THE NEXT FULL BRICK FOR LOOSE LINTEL.
7. THE STEEL LINTELS SHALL BE 5" x 3 ½" x 5/16" IN SIZE WITH 3 ½" LEG HORIZONTAL. THE LINTELS SHALL BE BOLTED WITH ⅝" DIA STAINLESS STEEL BOLTS AT 18" O.C. AND NO MORE THAN 4" FROM EACH END.
8. TO MAKE WATERTIGHT SEAL ALL PENETRATIONS OF FLASHING WITH UTILITY MASTIC.
9. PAINT ALL NEW LINTELS WITH ONE COAT OF PRIMER AND TWO COATS OF FINISHED PROTECTIVE PAINT AS SPECIFIED.
10. REMOVAL OF EXISTING WINDOW LINTELS AND ADJOINING BRICKWORK WITH ATTACHED CAULKING AND FLASHING (WITH ATTACHED TAR) SHALL BE PERFORMED ACCORDING TO ASBESTOS ABATEMENT PROTOCOLS IF IT IS TESTED POSITIVE FOR ASBESTOS.
11. REMOVAL OF STEEL LINTELS SHALL BE PERFORMED AS A HAZARDOUS MATERIAL, IF IT IS TESTED POSITIVE FOR LEAD.
12. THE CONTRACTOR SHALL RECYCLE ALL METAL WASTE IN A RECYCLING CENTER AND SUBMIT TO THE AUTHORITY'S REPRESENTATIVE PROOF THAT THE MATERIAL WAS RECYCLED.

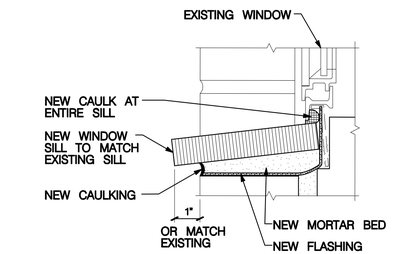


END DAM FLASHING EXPANDED ELEVATION



FOLDING DIAGRAM

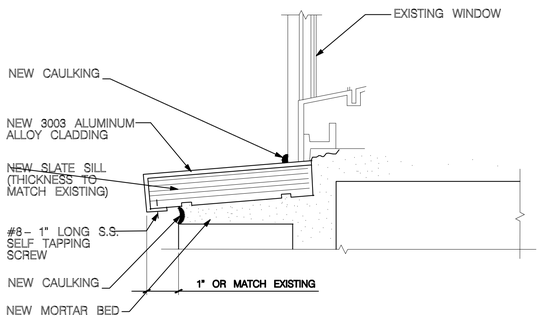
A/E TO FILL IN — DET # / DWG # — END DAM FLASHING
NTS



A/E TO FILL IN — DET # / DWG # — WINDOW SILL REPLACEMENT
NTS

REPAIR STEPS:

1. REMOVE BROKEN, DELAMINATED AND LOOSE SILLS WITHOUT DAMAGING THE ADJACENT AREA.
2. COMPLETELY REMOVE THE EXISTING MORTAR BED TO BARE BRICK SURFACE FOR THE WIDTH OF THE SILLS WITHOUT DAMAGING THE FLASHING. DAMAGED FLASHING SHALL BE REPLACED WITH NEW FLASHING TO MATCH EXISTING. ALL ADJACENT SURFACES SHALL BE CLEANED OF CRUMBLED MORTAR, OLD CAULKING AND OTHER FOREIGN MATTER.
3. AFTER SATURATING THE SURFACES WITH CLEAN WATER, A NEW ONE PIECE SILL OF WIDTH ½" LESS THAN THE MASONRY OPENING SHALL BE INSTALLED WITH ¼" CLEARANCE AT EACH END. THE SILL SHALL BE SET IN FULL BED OF FRESH MORTAR, SO THAT THE OUTER EDGE IS ¾" LOWER THAN THE INNER EDGE. THE MASONRY UNDER THE SILLS SHALL BE CUT AS NECESSARY.
4. THE CONSISTENCY OF THE MORTAR SHALL BE SUCH, THAT THE GROOVE ON THE UNDERSIDE OF THE SILL SHALL BE COMPLETELY FILLED WITH MORTAR AND FORM AN INTEGRAL PART OF THE BED JOINT. THE BED JOINT SHALL BE FINISHED FLUSH WITH THE WALL SURFACE. THE JOINTS AT THE ENDS OF THE SILL SHALL BE FILLED WITH MORTAR TO ¼" FROM THE TOP AND SEALED WITH CAULKING COMPOUND OF MATCHING COLOR.
5. HORIZONTAL JOINT BETWEEN THE SILL AND THE WINDOW FRAME SHALL BE CAULKED. THE MORTAR JOINT UNDER THE SILL SHALL ALSO BE CAULKED AFTER REMOVING ¼" MORTAR.
6. IF THE EXISTING CAULKING IS TESTED POSITIVE FOR ASBESTOS, IT SHALL BE REMOVED AS ACM PROTOCOLS.



A/E TO FILL IN — DET # / DWG # — WINDOW SILL AND CLADDING REPLACEMENT
NTS

REPAIR STEPS:

1. REMOVE BROKEN, DELAMINATED AND LOOSE SILLS WITHOUT DAMAGING THE ADJACENT AREA.
2. COMPLETELY REMOVE THE EXISTING MORTAR BED TO BARE BRICK SURFACE FOR THE WIDTH OF THE SILLS WITHOUT DAMAGING THE FLASHING. DAMAGED FLASHING SHALL BE REPLACED WITH NEW FLASHING TO MATCH EXISTING. ALL ADJACENT SURFACES SHALL BE CLEANED OF CRUMBLED MORTAR, OLD CAULKING AND OTHER FOREIGN MATTER.
3. AFTER SATURATING THE SURFACES WITH CLEAN WATER, A NEW ONE PIECE SILL OF WIDTH ½" LESS THAN THE MASONRY OPENING SHALL BE INSTALLED WITH ¼" CLEARANCE AT EACH END. THE SILL SHALL BE SET IN FULL BED OF FRESH MORTAR, SO THAT THE OUTER EDGE IS ¾" LOWER THAN THE INNER EDGE. THE MASONRY UNDER THE SILLS SHALL BE CUT AS NECESSARY.
4. THE CONSISTENCY OF THE MORTAR SHALL BE SUCH, THAT THE GROOVE ON THE UNDERSIDE OF THE SILL SHALL BE COMPLETELY FILLED WITH MORTAR AND FORM AN INTEGRAL PART OF THE BED JOINT. THE BED JOINT SHALL BE FINISHED FLUSH WITH THE WALL SURFACE. THE JOINTS AT THE ENDS OF THE SILL SHALL BE FILLED WITH MORTAR TO ¼" FROM THE TOP AND SEALED WITH CAULKING COMPOUND OF MATCHING COLOR.
5. INSTALL ALUMINUM 14 B & S GAUGE THICKNESS CLADDING THAT HAVE END FLAPS, AND COMPLETELY COVER THE EXPOSED SIDES OF THE SILL. CLADDING SHALL BE BENT OVER THE SIDE FLAPS AND CRIMPED SO AS TO PROVIDE A WATERTIGHT INSTALLATION. ALL SHARP EDGES SHALL BE SMOOTHED OR ROUND OFF. THE CLADDING SHALL BE SECURED TO EXISTING FIN/PANNING BY MEANS OF #8 STAINLESS STEEL TEK SCREWS, MINIMUM 1" LONG. CAULK ALL JOINTS BETWEEN THE CLADDING AND (A) THE MASONRY AT THE JAMBS AFTER REMOVING ¼" MORTAR AND (B) THE WINDOW.
6. IF THE EXISTING CAULKING IS TESTED POSITIVE FOR ASBESTOS, IT SHALL BE REMOVED AS ACM PROTOCOLS.