A-700 Shingle

A7.1 Eave & Rake Flashing Detail
A7.2 Valley Detail
A7.3 Step Flashing/ Siding Detail
A7.4 Step Flashing Detail / Reglet Detail
A7.5 Apron Flashing
A7.6 Surface Mount Counterflash Detail
A7.7 Vent Stack Detail
A7.8 Vented Ridge Cap Detail
A7.9 Vented top Edge Detail
A7.10 Vented Ridge/ Nailbase Detail
A7.11 Vented Drip Edge/ Nailbase Detail
A7.12 Vented Gutter Edge/ Nailbase Detail

Click for DFD Master Specifications
http://www.doa.state.wi.us/dsf/masterspec_view_new.asp?catid=37&locid=4
ICE & WATER BACKUP PROTECTION MEMBRANE
FOLDED OVER EDGE 1 1/2"
RUN UP SLOPE 5'-0" (TWO COURSES) MIN.
UP EAVE EDGE WITH 1 1/2" FOLDED DOWN FACE
RUN UP RAKE EDGE ONE ROLL WIDTH WITH 6"
FOLDED DOWN FACE

ARCHITECTURAL SHINGLES
SHINGLES OVERHANG EDGE 1/2"
NEW, EXISTING OR NO METAL CUTTER

PRE-FINISHED METAL EDGE FLASHING
PRE-FINISHED METAL EDGE FLASHING

1 EAVE & RAKE FLASHING DETAIL
A7.1 NO SCALE:
**NOTE:**

1. INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE ONE ROLL WIDTH UP EACH SIDE OF VALLEY, UNDER VALLEY METAL & OVER VALLEY METAL AS SPECIFIED

2. AT VALLEY RUNS OVER 20' PROVIDE ADDITIONAL ICE AND WATER BACKUP PROTECTION MEMBRANE AT VALLEY, OVER DECK AS SPECIFIED

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**VALLEY DETAIL**

SEE SECTION 07 31 13 FOR INSTALLATION INSTRUCTIONS
NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE
ONE ROLL WIDTH
AROUND ALL PENETRATIONS, PERIMETER RAKE EDGES, & HIGHER
ELEVATIONS, (TURN UP WALL 4" MIN.)

EXISTING SIDING
MAY HAVE TO REMOVE OR CUT BOTTOM
PIECE TO ALLOW FOR THE INSTALLATION OF
STEP FLASHINGS

ICE & WATER BACKUP PROTECTION MEMBRANE
TURNED UP WALL 2" MIN. (TYP)

SYNTHETIC UNDERLayment

1" MIN. GAP

GALVANIZED METAL
STEP-FLASHING FOR EACH COURSE OF
SHINGLES 22 GA. MIN

ARCHITECTURAL
SHINGLES

1
STEP FLASHING/SIDING DETAIL
A7.3
NO SCALE:
SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

TYPICAL DFD STANDARD
ASPHALT SHINGLE ROOFING DETAIL
Project Location:

STEP FLASHING/SIDING DETAIL  Rev-10/01/2012

Sheet Number A7.3
NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE
ONE ROLL WIDTH
AROUND ALL PENETRATIONS, PERIMETER RAKE EDGES, & HIGHER
ELEVATIONS, (TURN UP WALL 4" MIN.)

ICE & WATER BACKUP PROTECTION MEMBRANE
TURNED UP WALL

SYNTHETIC UNDERLAYERMENT

ARCHITECTURAL SHINGLES

STEP FLASHING/REGLET DETAIL

SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS
NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE
ONE ROLL WIDTH
AROUND ALL PENETRATIONS ,PERIMETER RAKE EDGES, & HIGHER
ELEVATIONS,(TURN UP WALL 4" MIN.)

1 APRON FLASHING DETAIL
NO SCALE:

SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS
NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE
ONE ROLL WIDTH
AROUND ALL PENETRATIONS, PERIMETER RAKE EDGES, & HIGHER
ELEVATIONS (TURN UP WALL 4" MIN.)

SURFACE MOUNT COUNTERFLASH @ SHINGLE DETAIL

SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS
NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE
ONE ROLL WIDTH
AROUND ALL PENETRATIONS, PERIMETER RAKE EDGES, & HIGHER
ELEVATIONS, (TURN UP WALL 2" MIN.)
VENTED RIDGE DETAIL

SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS
NOTE:
REFER TO DETAIL A7.11 FOR EAVE EDGE DETAIL.

PREFINISHED METAL RIDGE FLASHING

ARCHITECTURAL SHINGLES

SYNTHETIC UNDERLAYMENT

VENTED TOP EDGE DETAIL

SEE SECTION 07 31 13 FOR INSTALLATION INSTRUCTIONS
VENTED RIDGE/NAILBASE DETAIL

SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS
VENTED DRIP EDGE/NAILBASE DETAIL

SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS
VENTED RIDGE CAP
AIR SPACE
VENTED NAILBASE INSULATION PANEL
MANUFACTURES APPROVED FASTENERS
VAPOR RETARDER
SYNTHETIC UNDERLayment
ICE & WATER BACKUP PROTECTION MEMBRANE
FOLDED OVER FACE
ARCHITECTURAL SHINGLES
OVERHANG EDGE 1/2" 
METAL GUTTER APRON
METAL GUTTER W/ DOWNSPOUTS
METAL FASCIA W/CONTINUOUS CLEAT
NEW 2 X 8 WOOD FACE BOARD
METAL CLOSURE
ALUMINUM EXPANDED METAL SCREEN
WITH AT LEAST 70% FREE AIR FLOW
CONTINUOUS SOFFIT VENT
BY AIRVENT OR EQUAL
DIRECTION OF AIRFLOW
EXISTING FACE BOARD

VENTED GUTTER EDGE/NAILBASE DETAIL
NO SCALE
SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

TYPICAL DFD STANDARD
ASPHALT SHINGLE ROOFING DETAIL
Project Location:

VENTED GUTTER EDGE/NAILBASE DETAIL Rev-10/01/2012

State of Wisconsin
Department of Administration
Division of Facilities Development