3" LARGER THAN OPENING

22 1/2" X 30" OPENING

SHT. ROCK PANEL

METAL CORNER BEAD

2 X 10 INSULATION BAFFLE

ATTIC ACCESS HATCH
NOTE:
NO GUTTER SHOWN. HANG GUTTER FROM STRAP OR USE VERTICAL FASCIA ON PLUMB CUT RAFTERS TO ACCOMPLISH STANDARD GUTTERS.

BOXED-IN EAVE
ROOFING

ROOF SHEATHING

RAFTER TAIL

FASCIA

BOXED IN W/ SCREEN EXTERIOR GRADE PLYWOOD.

BOXED IN SOFFIT
NOTE:

HOLD SLEEPERS BACK FROM HIPS, VALLEYS, SKYLIGHTS & OTHER ROOF PROTRUSIONS SO THAT NOTHING OBSTRUCTS THE FLOW OF AIR FROM EAVE TO RIDGE.

COLD ROOF
INSULATION

FLOORING

CONCRETE SUBFLOOR ON 3/4" BASE OVER 30 LB. FELT OR VAPOR BARRIER

JOISTS BEAR ON STEPPED STEM WALL W/ P.T. SILL.

MOISTURE BARRIER BETWEEN JOIST AND CONCRETE

CONCRETE SUBFLOOR FULL DEPTH JOISTS
CURBED ROOF EDGE
~5/16" X 1/8" SLOTTED HOLE EA. SIDE
SIZE AS SHOWN ELSEWHERE

#14 S.S. SHEET METAL SCREWS- 1 EA. SIDE & FRONT, ALL OPTIONS

NOTE: THIS DETAIL FOR CMU INSTALLATION ONLY. FOLLOW MF's. DETAIL FOR ATTACHMENT TO METAL PANEL SIDING OR FASCIA.

DOWNSPOUT STRAP DETAIL

DOWNSPOUT STRAP

1/4" DIA. X 5/8" BOLT- BRASS, ALUM. OR STAINLESS STEEL

DOWNSPOUT STRAPS TO BE 16 oz. COPPER, .024" ALUM. OR .012" STAINLESS STEEL (SEE SPECS. FOR ALUM. OPTION)

DOWNSPOUT & SHOE TO BE 48 oz. COLD ROLLED BRASS, .060" ALUM. OR .050" STAINLESS STEEL

NOTE: DRILL FOR 1/4" DIA. BOLT IN LEAD EXP. AN. CHOR. SEE 4".

5/16" X 1/8" SLOTTED HOLE EA. SIDE

SIZE AS SHOWN ELSEWHERE
1" VENT SPACE INSULATION RETAINER
R=30 BATT INSUL OR CODE REQ.

ROOFING SYSTEM
ROOF SHEATHING

ENGINEERED ROOF TRUSSES
W/ OVERHANG & LEVEL RETURN

ROOF APRON, GUTTER & DOWNSPOUT SYSTEM

CONT 2X8 ROUGH FASCIA
CONT 2X2 SOFFIT FRAMING
FASCIA & VENTED SOFFIT SYSTEM
BRICK VENEER W/ TIES PER SPEC

2X4 BLKING & NAILER

DBL 2X4 TOP PLATE & 2X4 STUDS @ 16" OC

GYP BD
R=13 BATT INSUL OR CODE REQ.
WALL SHEATHING
INFILTRATION WRAP DEPONT "TYVEK" OR EQUAL

EAVE:
2X4-BRICK VENEER-TRUSS-VENTED SOFFIT
EAVE:
2X4-SIDING-TRUSS-VENTED SOFFIT
EAVE: (HI R)
2X6-BRICK-TRUSS-VENTED SOFFIT

- ROOFING SYSTEM
- ROOF SHEATHING
- ENGINEERED ROOF TRUSSES W/ OVERHANG
- ROOF APRON, GUTTER & DOWNSPOUT SYSTEM
- WALL SHEATHING 1/2"
- INFILTRATION WRAP - DUPONT TYVEK
- BRICK VENEER W/ TIES PER SPEC OR LOCAL CODE
- GYP BD
  - R=19 BATT INSUL OR CODE REQ.
  - WALL SHEATHING 1/2"
  - CDX MIN. OR EQUAL.
  - INfiltration WRAP - DUPONT TYVEK

CONT 2X8 ROUGH FASCIA
CONT 2X2 SOFFIT FRAMING
FASCIA & VENTED SOFFIT SYSTEM

2X12 BLKING & 2x6 NAAILER
DBL 2X6 TOP PLATE & 2X6 STUDS @ 16" OC
EAVE:
2X6-SIDING-TRUSS-VENTED SOFFIT
3-Tab Shingles
15# Felt each course on 5.8"
Shtg 3" Foilback insulation.
15# Felt ea. course on 2X6
T&G Decking on 4X10 Beams

Insul. Baffle @
Eave Vents

Simpson H2.5 Clips

2 X Solid Blkg. W/ 2 X 12
Screened Vents @ 6'-0"
O.C.

G.I. Gutter on 2 X 8
Fascia

Siding to be determine by
owner/contractor.
15# Bldg. Paper or Tyvek.
1" CDX Plywood Sheathing
2 X 6 Studs @ 16" O.C.
R-21 or better Insulation.

NOTE:
Notch 4 X 8 & Secure
with a 12" Long X 3/4"
Bolt to Top Plate. Bolt
to be flush with
Glulam, if used.

EAVE DETAIL.
(OPEN BEAM)
Exterior Wall & Parapet Rafters Prep. to wall sloped roof no overhang ledger support.
Exterior Wall & Parapet Rafters Prep. to wall sloped roof no overhang ledger support.
Concrete Blocks
ROOFING

ROOF SHEATHING

GUTTER

CONTINUOUS FASCIA
ALTERNATE FASCIA PROFILE

SOLID T & G SHEATHING
OR EXTERIOR PLYWOOD
@ EXPOSED PORTION
OF EAVE

EXPOSED RAFTER TAIL

ALTERNATE FRIEZE
BLOCK W/ VENT
LOCATION

TRIM

STUD WALL W/
SHEATHING FINISH & INSULATION

EXPOSED EAVE
Exterior Wall & Parapet Rafters Prep. to wall sloped roof no overhang ledger support. Bricks
Exterior Wall Rafters to wall Sloped roof, bricks

- 10d @ 4" O.C.
- 2 X Cont. Blocking
- Angle 6 x 6 x 5/16" @ 48" O.C., 3/4" dia. bolt each leg
- Vertical Rebar
- 2-#5's
- Fascia Board
- Plywood
2X Cont. Blocking

Plywood

10d @ 4" O.C.

Angle 6"x6"x 5/16"
@ 48" O.C. 3.4" Dia. bolt
each leg.

Vertical Rebar

2--#5's

2--#5's

8" Concrete Blocks

Exterior Wall Rafters prep.to wall
doped roof overhang, clip angle
rafters to wall.
10d's @ 4" o.c

2 x Blocking

1/2" Plywood

2 x Scarf cut to slope

2 x 12's @ 16" o.c

Simpson A35 @ 48" o.c.

2 x 4 Double Plate

2 x 4's @ 16" o.c

Exterior wall, Rafters prep. to wall, scarf slope roof to wall, metal shear resistance clips
Exterior Wall & Parapet Rafters Prep. to wall sloped roof no overhang ledger support. Bricks
DUMMY RAFTER TAIL ASSEMBLY MAY BE PRECONSTRUCTED UP TO 16 FEET.

FALSE RAFTER TAILS

ROOFING

ROOF SHEATHING

RAINF GUTTER

SCREEN
ROOFING
ROOF SHEATHING
RAFTER
FLASHING
FASCIA
RAIN GUTTER
FALSE RAFTER TAILS
DUMMY RAFTER LAPPED TO COMMON RAFTERS
DOUBLE FLASHING LAYERED W/ POLYETHYLENE TO ASSURE WATERPROOF MEMBRANE

SOLID GROUT

SOLID BLOCKING

2x8 DF FASCIA or 2X16 DF FASCIA

CEILING MATERIAL

JOISTS

FASCIA DETAIL for Flat Roof
Poured Conc Parapet

Cap Flashing Set in Sealant

Wood Blocking

Aluminum Flashing

Cont 4" High Cant.

Built-up Roof

Rigid Insulation

Flashing @ Conc. Parapet
Double Dome Skylight

Composite Base Flashing

Cont. 4" Fiber Cant

Built-up Roofing

1 1/2" Rigid Insulation

2 X 10 WD Curb.

3" Lt. Wt. Conc. on metal deck

Joist

Met. Stud

5/8" Gyp. BD.

FLASHING @ SKYLIGHT
GLASS BLOCK HEAD & SILL

- INSIDE CLEAR
- Steel Channel to Structure above
- Expansion Strip
- Sealant
- Morter
- Asphalt Emulsion
- Concrete Sill

4 1/4"
Attach continuous aluminum roofing clamp w/ screw & neoprene washer

Build-up Roofing

Extruded Aluminum Fascia

Continuous Galv. Iron Cant & Edge Strip

Treated 2 X 4 Bolted to Structure W/ 3/8" dia. Bolts @ 2'-0" O.C.

GRAVEL STOP-FORMED
1/2" Min. Roof Sheathing over #15 roofing paper

8d @ 6" O.C.

2x Solid Blocking or Ridge Beam As Required

HIP DETAIL (TYPICAL)
ROOF SHEATHING

METAL STRAP CONTINUOUS

FELT

BLOCKING NAILED TO BEAM BETWEEN RAFTERS

I-RAFTER NAILED TO BLOCKING & BEAMRAFTERS NAILED

METAL RAKE HANGER

I-RAFTER/RIDGE
LINTEL @ 4" BRICK VENEER WALL
NARROW BOX SOFFIT
PARAPET WALL-VENTED
Set In Non-Hardening Compound

1" X 1/4" Draw Band

Fill Pitch Pocket W/Hot Pitch

Soldered Lap Seam

Galv. Steel Hood

Metal Flashing

Built-Up Roofing

Collar Flashing

Concrete Decking

Rigid Insulation

Wood Nailer

Pipe

PITCH POCKET @ PIPE
ROOFING

ROOF SHEATHING

NAILING BLOCK FOR FASCIA

FASCIA

SOFFIT

EXTERIOR WALL FINISH

WALL SHEATHING

PLYWOOD I-RAFTER

PLYWOOD WEB STIFFENERS @ BOTH SIDES PER MFG'S SPECS FOR DEEP I-RAFTERS

CEILING JOIST

BIRD'S MOUTH CUT @ LOWER FLANGE OF I-RAFTER MUST HAVE FULL BEARING ON PLATE

DOUBLE TOP PLATE OF STUD WALL

NOTE:
BLOCK ALL RAFTERS @ TOP PLATE W/ PLYWOOD I-JOIST BLOCKING OR WOOD OR METAL X-BRACING

PLYWOOD I-RAFTER

SOFFITED EAVE
ROOF SHEATHING
EXTERIOR GRADE @ EXPOSED

END RAFTER STOPS @ SHEATHING FRIEZE BLOCK

NOTCH ASSEMBLY

RAKE/VERGE RAFTER

COMMON RAFTER

NOTCH ASSEMBLY

VERGE RAFTER

RAKE/VERGE RAFTER

SHEATHING

SIDING

BARGE RAFTER
CONTINUOUS METAL RIDGE W/LOUVERS ON UNDERSIDE

NAIL OR SCREW RIDGE TO ROOFING

SHEATHING

RAFTER

RIDGE BOARD

NOTE:  OTHER LARGER METAL VENTS ARE MADE TO ALLOW SHINGLING-OVER OF VENT FOR APPEARANCE

KEEP SHEATHING 1 IN. TO 1-1/2" FROM RIDGE BOARD TO ALLOW FREE AIR PASSAGE

RIDGEx EXHAUST VENT
CONTINUOUS RIDGE VENT-CORRUGATED PLASTIC NAILED THROUGH

RAFTERS/GYP. BOARD ASSEMBLY

RIDGE VENT DETAIL W/ CORRUGATED PLASTIC
RIDGE VENT DETAIL FOR METAL ROOF

METAL RIDGE CAP

RAFT/GYP.BD.
ASSEMBLY
ROOF DRAIN
For Flat Roofs
Continuous wooden Cant Strip prevents right angles in roofing material.

Cut 1/2" groove into wall, seal after placing flashing into groove. Secure flashing to wall with screws or concrete nails, seal each nail or screw hole.

Metal Flashing w/drip laps roofing material

Single Ply Touchdown membrane Roofing

Material continuous to above cant strip

Roofing sheathing

Existing Wall

Rafters

ROOF FLASHING
ROOF VENT DETAIL

- SEALANT
- ROOF PANEL RIB OR SEAM
- CLAMPING RING
- PRE-MANUFACTURED FLEXIBLE PIPE FLASHING, WEATHER-PROOF
- VENT PIPE - REF. MECH.
- ROOF PANEL RIB OR SEAM

Samples from www.AutoCADDetails.net
THROUGH WALL FLASHING EXTENDS PAST WALL 4" MIN.

SCUPPER DETAIL

SCUPPER
EXTEND FLASHING
DOWNSPOUT
Poured Conc. Parapet
Solder All joints
Solder All joints
Galv. Sheet Metal Overflow Scupper
Build-up Roofing
Rigid Insulation
Metal Gravel Stop

SCUPPER THROUGH PARAPET
Samples from www.AutoCADDetails.net
NOTE:
DO NOT CUT TRUSS MEMBER CROSS SECTION IN BLOCKING

Skylight Operable-Typical
SKYLIGHT

- Flashing under shingles both sides
- Splash Flashing
- Hinge on top edge
- Drip Edge
- Flashing over shingles
- Caulking on all sides
- Blocking

Samples from www.AutoCADDetails.net
SMALL SHED DOMER

- Shed Rafter
- Ridge Board
- 2" X 6" Side Stud
- 2" X 6" Double Sill Plate
- Double Header
- Double Trimmer Rafter
WEB STIFFNER

I-RAFTER

CANT STRIP

INTERIOR FINISH

SOFFIT W/ I-BEAM

ROOFING

ROOF SHEATHING

FASCIA

RAIN GUTTER

NAILER

SOFFIT W/ SCREEN

Samples from www.AutoCADDetails.net
ROOF SYSTEM

4'x8' Plyw Panel corner brace in lieu of strap corner braces

Nails 12"O.C.. 6" at edges

2"x6" Studs

Blocking Req'd for some sheathing & finished

(3) 10d Top & Bottom of wood Brace

Cross Bridging wood or steel

Corner Brace 1"x4" Min. or 1 1/4" wide 16ga. steel strap brace @ 45 deg, also plywood panel will suffice must nail to sill plate

5/8" Anchor Bolts

8d Toenails (TYP)

TWO STORY EXTERIOR WALL

2"x6" Double Top Plate

2"x6" Wall Studs

2"x6" Sole Plate

Sill plate

Double or Tripple end joist

10d staggered 12" Vert.
TYPICAL GABLE SOFFIT DETAIL

Cont. 26 Ga. Galvanized Rake Flashing

1x2 Trim

1x Rake Trim

1x6 Trim

2x Gable Studs @ 16" O.C.

Siding, See Elevation

Wood Studs & Wall Insulation

1/2" Gyp. Bd. Clg. & Walls

2x Ceiling Joist

R-30 (Min) Attic Insul.

2x Rafters

2x4's @ 24" O.C.

1'-0"
ARCH 80 ROOFING
15# FELT, 5/8" CDX
2X RAFTERS & CEILING JOISTS
OR TRUSS, R-30 INSULATION

INSUL. BAFFLE @ EAVE VENTS

"SIMPSON" H2.5 SEISMIC CLIPS

2 X SOLID BLKG. W/ 2 X 12
SCREEDED VENTS @ 6' O.C.

G.I. GUTTER ON 2 X 8
FASCIA

SIDING
15# BUILDING PAPER OR TYVEK
CDX PLYWOOD SUBFLOOR
2 X 6 STUDS @ 16" O.C.
R-21 INSULATION
GYPSUM BOARD CEILING

FLOOR FINISH
PART. BD UNDERLAY
3/4" CDX PLYWOOD SUBFLOOR
2 X FLOOR JOIST
R-25 BAT INSULATION OVER GARAGE
GYPSUM BOARD CEILING

2 X RIM JOIST
R-21 INSULATION

2 X 6 P.T. MUDSILL WITH
5/8" A.B. @ 48" O.C. (MIN.
AND WITHIN 12" OF ANY CORNER)

2 X 6 DECKING
4 X 8 GIRDER
R-25 BAT INSULATION
CRAWLSPACE
6 MIL BLACK "VISQUEEN"

(24" IF 3 STORY)

4" PERFORATED DRAIN
PIPE, 3/4" RIVER
ROCK MAYBE REQUIRED
OVER PIPE. PLUS FILTER
FABRIC OVER ROCK.

(2) #4 REBAR TO RUN CONTINUES
THROUGHOUT FTG. (HORIZ.)
(1) #4 REBAR (VERT) @ 30" O.C.

POST & BEAM/WALL SECTION
Continuous Ridge Vent

2"x6" Rafters @ 16" O.C.

15 lb. Asphalt Sat. Felt

Sheathing

2"x6" Purlin Notch Brace Approx 3/4"

Cutdrop ridge beam 3/8" & set decking back 7/8"

1"x6" or 2" x 6" Collar Beam @ 4'0" C.

2"x6" Brace @ 4'0" O.C.

Corner 45 Deg.

2"x6" or 2"x8" Ceiling Joist

Bearing Wall Partition

TYPICAL ROOF BRACING
6" 45° PVC ELBOW

6" DIA. PVC PIPE

8"x6" 45° PVC WYE

8" DIA. PVC PIPE

8" DIA. PVC PIPE

PLAN

8"x6" 45° PVC WYE

1% Varies

3"x4" DOWNSPOUT

BUILDING WALL

CAST IRON DOWNSPOUT SHOE (NEENAH R-4925-F OR APPROVED EQUAL)

FINISHED GRADE

MANUFACTURER'S STANDARD TRANSITIONAL COUPLING

4" DIA. PVC PIPE

4"x6" PVC ENLARGER

6" 90° PVC ELBOW

8"x6" 45° PVC WYE

6" DIA. PVC PIPE

8" DIA. PVC PIPE

FOOTING

TYPICAL ROOF DRAIN DETAIL
TYPICAL TRUSS-SOFFIT

VENTILATION CHANNEL OVER INSULATION

ROOFING

ROOF SHEATHING

RAFTER TAIL

FASCIA

RAIN GUTTER

SOFFIT W/SCREEN

TOP CHORD

BOTTOM TRUSS CHORD

LEDGER FOR SOFFIT JOIST
R-38

LOW IN

INSULATION

FLOOR FINISH

1/2" PAR"TICAL BOARD IN VINYL AREAS

1 1/8" 2-4-1 SUBFLOOR

OR TGI FLOOR JOIST

R-25 BATT FLOOR INSULATION

CRAWLSPACE

6 MIL BLACK "VISQUEEN"

SIDING (SEE ELEVATIONS)

15# BLDG PAPER OR TYVEK

3/4" CDX SHEETING

2/6 STUDS ON 24" CENTERS

R-21 BATT INSULATION

1/2" GYPSUM BOARD

MASONITE WOOD-ROOF

10"EXPOSURE)

30# FELT EACH COURSE

5/8" CDX PLYWOOD SHEETING

BCI/TGI RAFTERS/TRUSSES IN VAULTED AREAS

5/8" GYPSUM BD CEILING.

INSUL. BAFFLE @ EAVE VENTS

"SIMPSON" H2.5

SEISMIC CLIPS

2 X SOLID BLKG.

W/ 2 X 12

SCREENED

VENTS @ 6' O.C.

ALL GUTTER

ON 2X8

CEDAR FACIA

SIDING (SEE ELEVATIONS)

15# BLDG PAPER OR TYVEK

3/4" CDX SHEETING

2/6 STUDS ON 24" CENTERS

R-21 BATT INSULATION

1/2" GYPSUM BOARD

MASONITE WOOD-ROOF

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"SIMPSON" H2.5

SEISMIC CLIPS

2 X SOLID BLKG.

W/ 2 X 12

SCREENED

VENTS @ 6' O.C.

ALL GUTTER

ON 2X8

CEDAR FACIA

FLOOR FINISH

1/2" PARTICAL BOARD IN VINYL AREAS

1 1/8" 2-4-1 SUBFLOOR

BCI OR TGI FLOOR JOIST

R-25 BATT FLOOR INSULATION

CRAWLSPACE

6 MIL BLACK "VISQUEEN"

2 X 6 P.T. MUDSILL WITH

5/8" A.B. @ 48" O.C. (MIN.

AND WITHIN 12" OF ANY

CORNER)

4" PERFORATED

DRAIN PIPE W/ 3/4"

RIVER ROCK MIN.

WHERE REQUIRED

(24" IF 3 STORY)
**Typical Wall Section**

- **Floor Finish**
  - 1/2" Particle Board in Vinyl Areas
  - 1 1/8" 2-4-1 Subfloor
  - BCI or TGI Floor Joist
  - R-25 Batt Floor Insulation
  - Crawl Space
  - 6 Mil Black "Visqueen"

- **Floor Insulation**
  - 1/2" Gypsum Board
  - 2" Insulation Baffle @ Eave Vents

- **Insulation**
  - R-25 Batt Floor Insulation
  - Crawl Space
  - 6 Mil Black "Visqueen"

- **Siding (See Elevations)**
  - 15# Building Paper or Tyvek
  - 3/4" CDX Sheathing
  - 2/6 Studs on 24" Centers
  - R-21 Batt Insulation

- **Wall Details**
  - Masonite Wood-Roof (10" Exposure)
  - 30# Felt Each Course
  - 5/8" CDX Plywood Sheeting
  - BCI/TGI Rafters/Trusses in Vaulted Areas
  - 5/8" Gypsum BD Ceiling
  - 2 X Solid Blkg. W/ 2 X 12 Screened Vents @ 6' O.C.
  - All Gutter On 2x8 Cedar Facia
  - 15# Bldg Paper or Tyvek
  - 3/4" CDX Sheathing
  - 2/6 Studs on 24" Centers
  - R-21 Batt Insulation

- **Roof Details**
  - "Simpson" H2.5 Seismic Clips
  - 2 X Solid Blkg. W/ 2 X 12 Screened Vents @ 6' O.C.
  - All Gutter On 2x8 Cedar Facia
  - 2 X 6 P.T. Mudsill With 5/8" A.B. @ 48" O.C. (Min. and Within 12" of Any Corner)

- **Exterior Protection**
  - 2 X 6 P.T. Mudsill With 5/8" A.B. @ 48" O.C. (Min. and Within 12" of Any Corner)

- **Drainage**
  - 4" Perforated Drain Pipe W/ 3/4" River Rock Min.
  - Where Required

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Samples from www.AutoCADDetails.net
ARCH BD ROOFING
15# FELT
6/8 CDX PLYWD SHEATHING
RAFTERS/TRUSSES @ 24" O.C.
CEILING JOISTS @ 24" O.C.
R-30 INSUL (R-30 VAULTED)
5/8" GYPSUM BD

INSUL BAFFLE @ EAVE VENTS
SIMPSON H2.5 SEISMIC TIES
GUTTER ON 2X8 FASCIA

3/8" VENTED SOFFIT & 2x4 BLOCKING

UPPER LEVEL

FLOOR FINISH
7/16" PART BD UNDERLAY
3/4" T&G STURDI-DECK DECKING
JOISTS (SEE PLAN)
R-25 RIM INSULATION
5/8" GYPSUM BD CEILING

FULL DEPTH BLOCKING
AS REQ'D

2X6 PLATE
(2) 2X6 PLATE
TJI RIM JOIST
(2) 2X6 PLATE

LOWER LEVEL

FLOOR FINISH
7/16" PART BD UNDERLAY
3/4" T&G STURDI-DECK DECKING
JOISTS (SEE PLAN)
R-25 RIM INSULATION
5/8" GYPSUM BD CEILING

2X6 PLATE
(2) 2X6 PLATE
TJI RIM JOIST
(2) 2X6 PLATE

CONC FDN WALL
#5 @ 12" EW

CRAWLSPACE

CONC FOUNDATION WALL
#5 @ 12" EW
#5 @ 12" OC
ALT BENDS
(3) - #5

DRAINAGE SYSTEM
4" DIA PERF PIPE IN
FILTER FABRIC "SOCK"

SLOPE

6 MIL POLY BLACK
MOISTURE BARRIER

TYP WALL SECTION 2 STORY
Note: Use Simpson Post Cap & Base. (Contractors Choice).

PART. BD. UNDERLAY
2.4.1 T&G PLYWOOD
4 X 8 GIRDER
R-25 BAT INSULATION
6 MIL. BLACK "VISQUEEN"

2 X 6 P.T. MUDSILL WITH
5/8"-A.B. @ 48" O.C. (MIN.)
AND WITHIN 12" OF ANY CORNER.

#4 REBAR (VERT) @ 3' O.C.

2 #4 REBARS TO RUN THROUGHOUT FTG.

TYP. WALL SECTION
3-TAB SHINGLES
15# FELT
5/8" CDX
2 X RAFTERS & CEILING JOISTS
OR TRUSSES.

INSUL. BAFFLE @ EAVE VENTS

"SIMPSON" H2.5 SEISMIC CLIPS

2 X SOLID BLKG. W/ 2 X 12
SCREENED VENTS @ 6' O.C.

G.I. GUTTER ON 2 X 8 FASCIA

SIDING (SEE ELEVATIONS)
15# BLDG. PAPER OR TYVEK
1/2" CDX PLYWOOD SHEATHING
2 X 6 STUDS @ 16" O.C.
R-21 INSULATION
1/2" GYPSUM BOARD

2 X RIM JOIST

FLOOR FINISH
1/" PART.BOARD UNDERLAY
3/4" T&G COMPLY
2 X FLOOR JOIST
R-25 BATT OVER (OVER GARAGE)
5/8" GYPSUM BOARD CEILING

R-21 INSULATION

TYP. WALL SECTION
Lap 2" Min. Inside Vent

Soldier Lap Seams

1 1/2" O.D. Vent Pipe

Soldier Lap Seams

Build-up Roofing

Rigid Insulation

3"

6"

Vent Flashing
24" MIN. FROM ANY WALL OR VERTICAL SURFACE

FLASHING: 4 LBS. SHEET LEAD

VENT THRU ROOF

HAND WIPE OR SOLDER JOINT

VENT THRU ROOF DETAIL

PIECE SLEEVE

MASTIC CAULKING COMPOUND & OAKUM

OFFSET IN CEILING WHERE REQUIRED

ESCUTCHEON FOR EXPOSED RISER

ROOF CONSTRUCTION

VENT PIPE

SAMPLES FROM WWW.AUTOCADETAILS.NET
VENT THRU ROOF DETAIL

- FLASHING & COUNTER FLASHING BY GEN'L CONTRACTOR
- NEOPRENE GASKET BY HEATING GEN'L CONTRACTOR
- TYPE "L" BREIDERT CAP.
- ASSEMBLE STORM COLLAR ON CHIMNEY PIPE & SEAL W/SILICONE BY GEN'L CONTRACTOR
- MIN. 2" FROM COMBUSTIBLES.
- MIN. 4" FROM COMBUSTIBLES.
- ROOF STRUCTURE
- SLIDING FIT @ TOP & BOTTOM SPACES FOR STACK EXPANSION
- 3'-0" ABOVE HIGHEST PT.
- 12" MINIMUM
First Floor

- Plywood subfloor
- Truss joists floor system.

First Floor

- Interior 3 1/2" wood stud wall with 5/8" GWB each side where required.

Crawl Space

- 6 mil. vapor barrier
- Gravel
- 4" perforated drain pipe
- 6 mil. vapor barrier with gravel below
- Water proofing
- 8" block to first floor core fill @ retaining locations

Basement

- Concrete slab
- 2' x 2' x 1' footing
- 2 - #5 rebar

Note:
Add 3 1/2" pvc pipe extending from gravel under basement slab to attic for radon control, locations to be determined by radon consultant.

Wall Section @ Basement
WALL TO ROOF
LEDGER LET IN
WALL TO ROOF
SHED WITH VENT STRIP
WALL TYPE
1 HR. FIRE RATED
1. STEEL ANGLE FRAME ALL AROUND OPENING, TAPER TO CREATE LEVEL INSTALLATION.
2. PREFABRICATED SKYLIGHT UNIT ON 2 X 12 FIRE RETARDANT TREATED WOOD CURB.
3. 4" CANT STRIP
4. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING ON RIGID INSULATION.
5. 2x6 CONTINUOUS FIRE RETARDANT TREATED WOOD NAILE AT PERIMETER OF OPENING.
6. 5/8" TYPE 'X' GYPSUM BOARD.
7. CASING BEAD.

SKYLIGHT AT METAL DECK
SCALE: 1" = 1'-0"
07D-1001
CANT DETAIL

SCALE: 3" = 1'–0"

1. "FRY" TYPE REGLET
2. FIBER CANT STRIP.
3. CLASS "A" BUILT UP ROOFING.
4. PLYWOOD SHEATHING.

07D–1002
1. Mechanical equipment.
2. Mechanical duct.
3. 24 GA. Flashing.
4. Fiber cant.
5. Class "A" built roofing plywood deck.

Verify rough opening size w/ mech. contr.
1. 3/4" PLYWOOD
2. 15# FELT.
3. 24 GA. FLASHING.
4. FIBER CANT.
5. CLASS "A" BUILT ROOF.
6. 1/2" PLYWOOD.
7. 2 X 8- TAPER CUT TO FIT ROOF SLOPE.

EQUIPMENT BASE

SCALE: 3” = 1’-0”

07D-1004
1. Angle Iron frame all around opening. Taper to create level installation.
2. Metal duct—see mechanical.
3. Fan unit—see mechanical.
4. 4" Cant strip.
5. Membrane roofing over lightweight fill over 1 1/2" Metal decking.
6. 18 ga. Sheet metal curbing w/ 4" flange. Bolt to frame @ 12" O.C. all around.

Exhaust Fan Curb
Scale: 3" = 1'-0"
07D-1005
1. Prefabricated equipment roof curb.
2. Neoprene gasket continuous at top of curb.
3. 20 ga. metal flashing.
5. Plywood deck.
6. 2x framing.
7. 4” cant strip.
8. Mechanical equipment.
9. Rigid insulation.

EQUIPMENT CURB
SCALE: 1” = 1’-0”
07D-1006
1. PREFABRICATED EQUIPMENT ROOF CURB.
2. NEOPRENE GASKET CONTINUOUS AT TOP OF CURB.
3. 20 GA GI FLASHING.
4. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET.
5. RIGID INSULATION.
6. METAL DECK.
7. 1 X 4 FIRE-RETARDANT TREATED WOOD NAILER.
8. STEEL ANGLE SUPPORT FOR CURB.
9. 4" CANT.
10. MECHANICAL EQUIPMENT.
1. PREFABRICATED EQUIPMENT
   ROOF CURB.
2. NEOPRENE GASKET CONTINUOUS
   AT TOP OF CURB.
3. 20 GA GI CAP.
4. MODIFIED BITUMEN REINFORCED
   COMPOSITE SHEET.
5. PLYWOOD DECK.
6. 4" CANT STRIP.
7. MECHANICAL EQUIPMENT.
8. BATT INSULATION.

EQUIPMENT CURB

SCALE: 3" = 1'-0"

07D-1008
1. EXHAUST FAN OR RELIEF VENT.
2. 2 X 8 FIRE RETARDANT WOOD CURB.
3. CANT STRIP.
4. 2X FRAMING.
5. PLYWOOD DECK.
6. MODIFIED BITUMEN COMPOSITE SHEET ROOFING SYSTEM, CONTINUOUS OVER TOP OF CURB.

MECHANICAL EQUIPMENT CURB
1" = 1'-0"

07D-1009
1. 24 GA SHEET METAL CONE W/ BASE PLATE.
2. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING LAP & SEAL ALL AROUND BASE OF CONE.
3. PIPE OR CONDUIT.
4. PIPE CONE CONNECTION. SECURE WITH STAINLESS STEEL HOSE CLAMP.
5. ROOF STRUCTURE.
6. DECK CLAMP.
7. SEALANT ALL AROUND.

PIPE THRU ROOF
SCALE: 1” = 1’-0”
07D-1010
1. 24 GA SHEET METAL CONE W/ BASE PLATE.
2. MEMBRANE ROOFING OVER LIGHTWEIGHT FILL OVER 1 1/2" METAL DECKING.
3. LAP IN MEMBRANE ROOFING OVER BASE PLATE.
4. CONDUIT.
5. WRAP CONDUIT CONE CONNECTION W/ NEOPRENE STRIP AND SECURE W/ HOSE CLAMP.
6. SECURE CONDUIT TO DECKING.
1. CEMENT PLASTER ON METAL LATH & PLYWOOD SHEATHING OVER 2X WOOD FRAMING.
2. METAL COUNTERFLASHING.
3. METAL FLASHING.
4. ASPHALT SHINGLES WITH WATERPROOF UNDERLAYMENT PER MANUFACTURER'S SPECIFICATIONS.
5. PLYWOOD ROOF DECK.
6. PLYWOOD BLOCKING.
1. PIPE OR CONDUIT.
2. SEALANT.
3. COUNTERFLASHING SLEEVE.
4. WATERPROOF COMPOUND.
5. STEEL REINFORCED BOOT.
6. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING FLASHING SYSTEM.
7. PLYWOOD DECK.
1. PLUMBING VENT PIPE.
2. 3.5# LEAD FLASHING SLEEVE WITH SQ. BASE PLATE.
   ROLL OVER INTO VENT PIPE 1/2" DEEP.
3. MODIFIED BITUMEN REINFORCED SHEET ROOFING ON PLYWOOD DECK.
4. LAP SHEET ROOFING OVER LEAD BASE PLATE.
5. ROOF DECK.
6. SEALANT ALL AROUND.
1. PLUMBING VENT PIPE.
2. 3.5# LEAD FLASHING SLEEVE WITH SQ. BASE PLATE.
   ROLL OVER INTO VENT PIPE 1/2" DEEP (MIN).
3. MEMBRANE ROOFING OVER LIGHTWEIGHT FILL OVER METAL DECK.
4. LAP IN ROOF MEMBRANE OVER LEAD BASE PLATE AND SEAL.

VENT THRU ROOF
SCALE: 3" = 1'-0"
1. PLUMBING VENT PIPE.
2. 3.5# LEAD FLASHING SLEEVE WITH SQ. BASE PLATE. ROLL OVER INTO VENT PIPE 1/2" DEEP.
3. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING ON RIGID INSULATION.
4. LAP SHEET ROOFING OVER LEAD BASE PLATE.
5. STRUCTURAL METAL DECK.
6. SEALANT ALL AROUND.
7. 2 x 6 NAILER AT PERIMETER.

VENT PIPE THRU ROOF
SCALE: 3" = 1'-0"
07D-1016
1. LEAD FLASHING - ROLL 1” INTO PIPE.
2. SEALANT
3. MODIFIED BITUMEN CAP SHEET
4. MODIFIED BITUMEN STRIPPING PLY
5. LEAD FLANGE - PRIME AND SET IN MASTIC.
6. MODIFIED BITUMEN BASE PLY
1. PLUMBING VENT.
2. LEAD FLASHING.
3. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET.
4. RIGID INSULATION.
5. METAL DECK.

VENT FLASHING

3” = 1’-0”

07D-1018
1. Masonry Wall.
2. Reglet & Counter Flashing.
3. 12 Ga. GI Cont. Flashing.
4. 4" Cant Strip.
5. Membrane Roofing over Lightweight Fill over 1 1/2" Metal Decking.
1. Expansion Joint Cover.
2. Batt Insulation.
3. Fastener with Neoprene Washers.
4. Cant Strip.
5. 2 x 10 Fire Retardant Treated Curb.
6. Cut from 2 x 4 Fire Retardant Nailer.
7. Rigid Insulation.
8. Roof Deck.

EXP. JOINT AT ROOF

SCALE: 3” = 1’-0”

07D-1020
1. Modified bitumen reinforced composite sheet roofing over rigid insulation.
2. Expansion joint cover coat all neoprene material with white elastomeric coating after installation.
3. 4" cant strip.
4. 2 x 8 fire retardant treated wood curb.
5. Structural nailer.
7. Plywood sheathing.
8. Flashing system by roofing manufacturer.

**EXPANSION JOINT COVER**

SCALE: 1" = 1'-0"

07D-1021
1. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING.
2. EXPANSION JOINT COVER, COAT ALL NEOPRENE MATERIAL WITH WHITE ELASTOMERIC COATING AFTER INSTALLATION.
3. 4" CANT STRIP.
4. 2 x 8 FIRE RETARDANT TREATED WOOD CURB.
5. STRUCTURAL NAILER.
6. MASONRY WALL.
7. PLYWOOD ROOF DECK.
8. FLASHING SYSTEM BY ROOFING MANUFACTURER.
9. STRUCTURAL SLIP JOINT.
10. REGLET AND COUNTERFLASHING.
1. STRUCTURAL SLIP JOINT.
2. MASONRY WALL.
3. PLYWOOD DECK.
4. CONTINUOUS NAILER.
5. METAL ROOFING SYSTEM.
6. METAL FLASHING BY METAL ROOFING MANUFACTURER.
7. REGLET AND COUNTERFLASHING SURFACE ATTACHED UNDER STUCCO
8. CEMENT PLASTER.
9. CASING BEAD PARALLEL TO PLANE OF ROOF.
10. 40 MIL ELASTOMERIC MEMBRANE.

EXPANSION JOINT
SCALE: 3” = 1’-0”

07D-1023
1. PRE-MANUFACTURED COMPRESSIBLE EXP. JOINT FILLER.
2. TOP OF PARAPET WALL.
3. FLASHING.

EXPOSED JOINT

SCALE: 3” = 1’-0”

07D-1024
1. 24 GA G.I. PARAPET CAP.
2. 24 GA G.I. EXP. JOINT PLATE
   UNDER CAP-SCREW ATTACH TO
   WOOD NAILER.
3. INSTALL 2 ROWS SEALANT UNDER EACH
   SIDE LAP AND AT 1/4" JOINT.
4. PREFABRICATED CORNERS W/ ALL
   JOINTS SOLDERED.

CAP_FLASHING

SCALE: 3" = 1’-0"

07D-1025
1. MASONRY WALL.
2. TAPERED WOOD NAILER W/ 1/2” Ø X 8” A.B.’s @ 48” O.C. COUNTERSUNK.
3. 24 GA G.I. CAP FLASHING.
4. 12 GA X 2” WIDE CONCEALED CLIPS @ 24” O.C.—SCREW ATTACH TO NAILER W/ #8 X 1” COATED SCREWS.
5. 24 GA G.I. HEMMED FLASHING SCREW ATTACH W/ #8 X 1” COATED SCREWS @ 24” O.C.
6. #8 X 1 1/2” COATED SCREWS @ 24” O.C.

PARAPET CAP
SCALE: 3” = 1’-0”

07D-1026
1. MASONRY WALL.
2. TREATED WOOD NAILER W/ 1/2" ø 8" ANCHOR BOLTS @ 48" O.C. COUNTERSUNK.
3. PREFABRICATED METAL COPING.
4. 12 GA X 2" WIDE CONCEALED CLIPS @ 24" O.C.—SCREW ATTACH TO NAILER W/ #8 X 1" COATED SCREWS.
5. 24 GA. METAL HEMMED FLASHING. SCREW ATTACH W/ #8 X 1" COATED SCREWS @ 24" O.C.
6. #8 X 1 1/2" COATED SCREWS @ 24" O.C.
7. ELASTOMERIC COATING ON BACK OF PARAPET WALL OR COMPOSITE SHEET ROOFING WHERE OCCURS.
1. Run elastomeric coating over top of wall.
2. 24 ga. g.i. cap flashing.
3. CMU wall.

Parapet Cap
Scale: 3” = 1’-0”
1. Masonry Wall.
2. Elastomeric Coating.
3. 22 GA. G.I. Coping.
4. Sealant Continuous.
5. 5/8" Cement Plaster.

Parapet Cap Flashing

3" = 1'-0"
1. 5/8” CEMENT PLASTER ON METAL LATH & PLYWOOD SHEATHING OVER 2X WOOD FRAMING.
2. ELASTOMERIC COATING OVER PLYWOOD SHEATHING.
3. 22 GA. G.I. COPING.
4. CONTINUOUS SEALANT.
5. PLYWOOD BLOCKING.

PARAPET CAP
SCALE: 3” = 1’-0”
1. WALL (PRIME MASONRY SURFACES).
2. METAL CLAD MODIFIED BITUMEN FLASHING (TORCH & FASTEN 9" O.C.).
3. MODIFIED BITUMEN CAP SHEET (PREPARE GRANULAR SURFACE).
4. MODIFIED BITUMEN REINFORCING SHEET.
5. MODIFIED BITUMEN BASE PLY.
6. METAL FLASHING/COUNTERFLASHING ASSEMBLY.
7. PLYWOOD ROOF SHEATHING.
8. METAL DECK.

REGLET AT METAL ROOF
SCALE: 3" = 1'-0"

07D-1031
1. WALL (PRIME MASONRY SURFACES).
2. METAL CLAD MODIFIED BITUMEN FLASHING (TORCH & FASTEN 9” O.C.).
3. MODIFIED BITUMEN CAP SHEET (PREPARE GRANULAR SURFACES).
4. MODIFIED BITUMEN REINFORCING SHEET.
5. MODIFIED BITUMEN BASE PLY.
6. METAL FLASHING/COUNTERFLASHING ASSEMBLY.

REGLET AT CMU WALL

SCALE: 3” = 1’-0”

07D-1032
1. Metal reglet, saw cut groove.
2. Metal counter flashing.
3. Concrete wall.
5. Modified bitumen reinforced composite sheet roofing.

REGLET AT C.I.P. WALL

SCALE: 3” = 1’-0”

07D-1033
1. BUILT-IN TYPE MA FRY REGLET & SPRINGLOCK COUNTERFLASHING.
2. SEALANT.
3. MASONRY WALL.
4. 4" CANT STRIP.
5. ROOF MEMBRANE OVER LIGHTWEIGHT FILL.

SCALE: 3" = 1'-0"
1. BUILT-IN TYPE MA FRY REGLET IN MORTAR JOINT & SPRINGLOCK COUNTERFLASHING.
2. SEALANT.
3. MASONRY WALL.
4. 4” CANT STRIP.
5. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING.
6. STEP FLASHING DOWN WITH SLOPE OF ROOF. PROVIDE TERMINATION BARS AT VERTICAL EDGES OF ROOFING MEMBRANE.
7. MORTAR JOINT.

FLAShING AT CANT

SCALE: 3” = 1’-0”

07D-1035
1. SEALANT.
2. HOLLOW METAL FRAME.
3. 26 GAUGE GALVANIZED SHEET METAL COUNTERFLASHING.
4. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING.
5. 4” CANT STRIP.
6. PLYWOOD ROOF DECK.
7. 2 X 4 FIRE RETARDANT WOOD LEDGER, CONTINUOUS.

FLASHING AT WINDOW

SCALE: 1 1/2” = 1’-0”
1. 8" C.M.U PARAPET WITH ELASTOMERIC COATING.
2. G.I. REGLET & COUNTER FLASHING.
3. 22 GA. G.I. SHEET METAL FLASHING WITH CONTINUOUS HEM.
4. 4" FIBER CANT.
5. WOOD LEDGER.
6. ASPHALT SHINGLES.
7. 3/4" PLYWOOD CRICKET ON 2 X WOOD SUPPORTS AT 48" O.C.
8. PLYWOOD ROOF DECK.

SCALE: 1 1/2" = 1’-0”

PLYWOOD CRICKET

07D-1037
1. Masonry Wall.
2. Prefabricated metal coping.
   Where parapet is 3'-0" or less above roof deck, roofing is continuous up wall and under metal coping.
4. Termination bar.
5. Roof deck.
6. Cant strip.
7. Reglet & counterflashing.

Samples from www.AutoCADDetails.net
1. 6” X 2” X 3/16” STEEL TUBE FRAMING.
2. 3/4” PLASTER.
3. 5/8” FIRE TREATED PLYWOOD SHEATHING.
4. 3/4” GYP. BOARD.
5. CASING BEAD.
6. STANDING SEAM METAL ROOFING.
7. CONTINUOUS DRIP EDGE.
8. 6”X 18 GA. STEEL JOISTS AT 12” O.C. W/ 18 GA. STEEL TRACK AT EACH END.
1. METAL ROOF SYSTEM.
2. (2) LAYERS; 1/2" HIGH DENSITY WATER RESISTANT GYPSUM BOARD.
3. 'Z' CHANNELS AT 24" O.C.
4. METAL DRIP EDGE.
5. INDICATES EDGE OF GYPSUM BOARD.
6. ROOF DECK METAL DECKING.

METAL ROOF OVERHANG

SCALE: 1 1/2" = 1’-0”
1. STANDING SEAM METAL ROOF SYSTEM.
2. PAIRED 2X12 FASCIA - BOLTED TO PLATE.
3. ROOF DECK.
4. STEEL BEAM.
5. EXISTING STEEL PLATE.
6. STEEL ANGLE.
7. METAL DRIP FLASHING.

METAL ROOF OVERHANG
SCALE: 3” = 1’-0”
1. PREFORMED METAL ROOF SYSTEM.
2. WOOD BLOCKING.
3. WOOD RIM JOISTS.
4. PLYWOOD SHEATHING.
5. UNFACED THERMAL BATT INSULATION.
6. 2x WOOD NAILER.
7. LAYER: 5/8" TYPE 'X' GYPSUM BOARD AT BOTTOM OF JOISTS.
8. 5/8" TYPE 'X' GYPSUM BOARD.
9. METAL DRIP EDGE - SIMILAR ON ALL SIDES.

METAL ROOF FASCIA
SCALE: 1 1/2” = 1’-0”

07D-1042
1. Masonry wall.
2. Metal roofing.
3. Metal deck.
4. Rigid insulation.
5. 24 ga. drip edge.

Metal Roof Overhang

Scale: 1 1/2” = 1’-0”

07D-1043
1. MASONRY WALL.
2. FLASHING IN MASONRY
   SAW CUT PARALLEL TO ROOF.
3. 5/8" GYP. BOARD OVER
   PLYWOOD SHEATHING.
4. METAL FRAMING.
5. STANDING SEAM METAL ROOFING.
6. LEAD SHIM.
7. SEALANT.

REGLET AT METAL ROOF

SCALE: 1 1/2" = 1’-0"

07D-1044
1. MASONRY WALL.
2. REGLET & COUNTER FLASHING.
3. 12 GA. GI CONT. FLASHING.
4. METAL ROOFING.
5. 3/4" GYP. BOARD.
6. 5/8" FIRE TREATED PLYWOOD DECK.
7. 3/4" PLASTER.
8. 6" X 18 GA. STEEL JOISTS AT 12" O.C. W/ 18 GA. STEEL TRACK AT EACH END.
9. 6" X 2" X 3/16" STEEL TUBE.
10. CONT. 9" X 1/4" STEEL PLATE EMBED.

METAL ROOF FLASHING

SCALE: 1” = 1’-0”

07D-1045
1. Masonry Wall.
2. Parapet Cap.
3. Rigid Insulation Over Metal Deck.
4. Steel Angle Ledger.
5. Metal Roofing.

Metal Roof at Parapet

Scale: 1 1/2” = 1’-0”

07D-1046
1. MASONRY WALL.
2. REGLET AND COUNTER FLASHING.
3. RIGID INSULATION OVER METAL DECK.
4. STEEL ANGLE LEDGER.
5. STANDING SEAM METAL ROOF.
1. CEMENT PLASTER.
2. 'J' MOLDING.
3. REGLET.
4. COUNTERFLASHING.
5. METAL FLASHING.
6. METAL DECK.
7. STRUCTURAL ANGLE.
8. NEOPRENE AND METAL CLOSER.
9. MASONRY WALL.
10. EXPANSION ANCHOR.

METAL DECK ROOF EDGE

SCALE: 1 1/2” = 1’-0”

07D-1048
1. MASONRY WALL.
2. REGLET & COUNTER FLASHING.
3. 12 GA. GI CONT. FLASHING.
4. RIGID INSULATION.
5. METAL DECK.
6. CONT. STEEL BENT PLATE BOLTED TO WALL.
7. METAL ROOFING.
1. LEDGER.
2. MASONRY WALL.
3. PLYWOOD DECK.
4. 1-1/2" DEEP X 3/8" WIDE
SAWCUT, CONTINUOUS
PARALLEL TO PLANE OF ROOF.
5. METAL ROOFING SYSTEM.
6. METAL FLASHING BY METAL
ROOFING MANUFACTURER.
7. REGLET AND COUNTERFLASHING.
8. 40 MIL ELASTOMERIC
MEMBRANE.
1. CEMENT 3/4" PLASTER.
2. 3/8" FIRE TREATED PLYWOOD SHEATHING.
3. 3/4" FIRE TREATED PLYWOOD SHEATHING.
4. 5/8" GYP. BOARD.
5. METAL STUD FRAMING.
6. METAL ROOFING.
7. REGLET AND FLASHING.
1. PLYWOOD SHEATHING.  
2. STANDING SEAM PANEL SYSTEM.  
3. CONT. TAPE SEALANT BETWEEN HOOK STRIP AND DRIP FLASHING, NAIL THROUGH POINT OF FLASHING AT 12" O.C.  
4. METAL HOOK STRIP.  
5. MODIFY PANEL END TO CREATE HOOK.  
6. METAL DRIP FLASHING.  
7. METAL SOFFIT TRIM.  
8. SEALANT & BACKER ROD.  
9. PLASTER CASING TRIM.  
10. 3/4" CEMENT PLASTER ON METAL LATH.  
11. FACE OF FASCIA FRAMING.  
12. SIMPSON A35 ANGLE CLIP.

METAL ROOF FASCIA

\[3" = 1' - 0"\]

07D-1052
1. CEMENT PLASTER ON METAL LATH & PLYWOOD SHEATHING OVER 2X WOOD FRAMING.
2. PLYWOOD BLOCKING.
3. METAL COUNTERFLASHING.
4. METAL FLASHING.
5. METAL Z-CLOSURE.
6. POP RIVET FLASHING TO Z-CLOSURE AT 24" O.C. MAX.
7. STANDING SEAM ROOF PANEL SYSTEM.
8. PLYWOOD ROOF DECK.
9. CONT. TAPE SEALANT BETWEEN FLASHING & Z-CLOSURE AND BETWEEN Z-CLOSURE & ROOF PANEL.
10. CAULK BACK SIDE OF Z-CLOSURE AGAINST STANDING SEAM.

NOTE: ALL METAL REGLETS, FLASHING, COUNTERFLASHING AND Z-CLOSURES TO BE FINISHED TO MATCH ROOF PANEL SYSTEM.

METAL ROOF AT WALL
SCALE: 3" = 1'-0"
1. ELASTOMERIC COATING OVER PLYWOOD SHEATHING ON 2X WOOD FRAMING.
2. METAL CLAD MODIFIED BITUMEN FLASHING (TORCH & FASTEN 9" O.C.).
3. MODIFIED BITUMEN CAP SHEET (PREPARE GRANULAR SURFACE).
4. MODIFIED BITUMEN REINFORCING SHEET.
5. MODIFIED BITUMEN BASE PLY.
6. METAL FLASHING/COUNTERFLASHING ASSEMBLY.
7. SEALANT.

REGLET FLASHING
SCALE: 3" = 1'-0"

07D-1054
1. ROOF DECK AND STRUCTURE.
2. 2X10 WOOD FASCIA.
3. 1X6 WOOD TRIM.
4. 24 GA. GALV. SHEET METAL FLASHING.
5. SEALANT CONTINUOUS.
6. ASPHALT SHINGLES WITH WATERPROOF UNDERLAYMENT PER MANUFACTURER’S SPECIFICATIONS.
7. STEEL BRACKET AND THROUGH BOLT AT EXISTING – WHERE OCCURS.
8. EXISTING BEAM – WHERE OCCURS.
1. PLANK ROOFING.
2. 2X10 WOOD FASCIA.
3. 1X6 WOOD TRIM.
4. 24 GA. GALV. SHEET METAL FLASHING.
5. SEALANT – CONTINUOUS.
6. ASPHALT SHINGLES WITH WATERPROOF UNDERLayment PER MANUFACTURER’S SPECIFICATIONS
7. CONTINUOUS 2 X 4 NAILER.
8. COPE 2 X 12 ROOF JOISTS AS SHOWN AT SIMILAR.

SCALE: 3” = 1’-0”
ROOF FASCIA

SCALE: 3” = 1’-0”

1. ASPHALT SHINGLES WITH WATERPROOF UNDERLAYMENT PER MANUFACTURER’S SPECIFICATIONS.
2. PLYWOOD SHEATHING.
3. 24 GA. G.I. FLASHING—PAINTED.
4. 1 X 8 CONTINUOUS WOOD NAILER.
5. 3/4” CEMENT PLASTER ON METAL LATH.
6. 24 GA. GALV. SHEET METAL DIP.
7. 2X OVERHANG FRAMING.
8. 2 X 12 CONTINUOUS WOOD FASCIA
1. ASPHALT SHINGLES WITH WATERPROOF UNDERLAYMENT PER MANUFACTURER’S SPECIFICATIONS.
2. MASONRY WALL.
3. 24 GA. GALV. SHEET METAL. Drip Edge.
4. SEALANT.
5. 1X6 TRIM.
6. 2 x 10 WOOD FASCIA.

ROOF OVERHANG

3” = 1’-0”
NOTE: SEAL ALL JOINTS WATERTIGHT WITH G.E. SILICONE SEAL.

PROVIDE SHEET METAL SLEEVE THAT EXTENDS INTO ELEVATOR SHAFT, MINIMUM OPENING 3 SQ. FT.
ATTACH TO UNIT WITH CADMIUM PLATED SHEETMETAL SCREWS ABOVE UNIT WATER LEVEL

ROOF, SEE ARCHITECTURAL

1/4" CW TO NEAREST WATER SOURCE, SLOPE FOR WINTERIZATION

FLASH AND COUNTERFLASH

PIPE TO ROOF DRAIN

REDWOOD SUPPORT FRAME

NOTE: SEAL ALL JOINTS WATERTIGHT WITH G.E. SILICONE SEAL.
SUPPLY RISER WITH INTERNAL VOLUME AND FIRE DAMPER (TYP. OF 2)

- ROOF CURB FURNISHED WITH UNIT, FLASH AND COUNTERFLASH

100% OUTSIDE AIR INLET

ROOF, SEE ARCHITECTURAL

DUCT SUPPORT FURNISHED BY MANUFACTURER, FLASH AND COUNTERFLASH

INSTALL FINISHING TRIM TO MATCH HOOD FROM CEILING TO HOOD

CEILING

INSULATED PLENUM

PERFORATED PLATES

NOTES:
A. HOOD TO BE UL RATED.
B. HOOD CONSTRUCTION TO COMPLY WITH NFPA 96. EXHAUST DUCT TO BE 16 GA. STEEL WELD ASSEMBLY PER LOCAL BUILDING DEPARTMENT.
C. AS A SUBCONTRACTOR TO THE MECHANICAL CONTRACTOR, A FIRE PROTECTION CONTRACTOR SHOULD PIPE HOODS, SUPPLY AND INSTALL PULL STATION, CHEMICAL BOTTLES AND ALL APPURTENANCES TO MEET LOCAL AND NFPA CODES. CONTRACTOR SHALL ALSO PROVIDE GAS SOLENOID VALVE TO BE INSTALLED BY MECHANICAL CONTRACTOR AND MICROSWITCH FOR CONNECTION BY ELECTRICAL CONTRACTOR.

KITCHEN HOOD & FAN

N.T.S. 07D-1061
KITCHEN HOOD & FAN

N.T.S.

07D-1062

NOTES:
A. HOOD TO BE UL RATED.
B. HOOD CONSTRUCTION TO COMPLY WITH NFPA 96.
C. HOOD TO BE FABRICATED AND INSTALLED PER CHAPTER 20 OF THE 1988 UMC.
D. SEAL ALL JOINTS WITH G.E. SILICONE SEAL.
ROOF CURB, FLASH AND COUNTERFLASH

ROOF, SEE ARCHITECTURAL

EXHAUST DUCT, SEE PLANS FOR REQUIRED SIZE

MAINTAIN 18” CLEARANCE FROM WELDED EXHAUST DUCT TO COMBUSTIBLES OR PROVIDE 3” MINIMUM CLEARANCE AROUND WELDED EXHAUST DUCT IN FIRE RATED CHASE

A. HOOD TO BE UL RATED.
B. HOOD CONSTRUCTION TO COMPLY WITH NFPA 96.
C. EXHAUST DUCT TO BE 16 GAUGE STEEL WELD ASSEMBLY OR GASKET/BOLTED FLANGE ASSEMBLY PER LOCAL BUILDING DEPARTMENT.
D. AS A SUBCONTRACTOR TO THE MECHANICAL CONTRACTOR, A FIRE PROTECTION CONTRACTOR SHALL PIPE HOODS, SUPPLY AND INSTALL PULL STATION, CHEMICAL BOTTLES, AND ALL APPURTENANCES TO MEET LOCAL AND NFPA CODES. CONTRACTOR SHALL ALSO PROVIDE SOLENOID VALVE TO BE INSTALLED BY MECHANICAL CONTRACTOR.

LIGHT(S) SUPPLIED WITH HOOD, WIRED BY ELECTRICAL CONTRACTOR

GREASE FILTERS, SUPPLIED WITH HOOD

REMOVABLE GREASE TRAY

COOKING EQUIPMENT

FLOOR

KITCHEN HOOD DETAIL

N.T.S. 07D-1063
1. 1-1/2" SHEETMETAL SCREWS @ 6" O.C.
2. SHEETMETAL DUCTWORK PER SPECIFICATIONS.
3. SEAL WATERTIGHT WITH G.E. SILICONE.
4. 1" DUCTBOARD.
5. 26 GAUGE GALVANIZED WRAP.
1. Broidert vent cap.
2. Metalbestos vent.
3. Flashing.
4. Attach thimble to roof decking.
5. Type "B" flue, see plans for size.
6. Ventilated roof thimble, metalbestos or equal.
7. Verify roof construction.
8. Storm collar.

NOTE: Install flue at height required by local and UMC codes.

TYPE "B" FLUE THROUGH ROOF

3/4" = 1'-0"

07D-1065
1. EVAPORATIVE COOLER.
2. FLASH AND COUNTERFLASH.
3. ROOF, SEE ARCHITECTURAL PLANS.
4. SEE PLANS FOR REQUIRED DUCT SIZE.
5. ROUTE DRAIN LINE TO NEAREST ROOF DRAIN.
6. DRAIN DOWN VALVE, PIPE TO NEAREST FLOOR DRAIN.
7. GATE VALVE.
8. 3/8” COLD WATER LINE.
9. 1/4” COLD WATER LINE TO NEAREST WATER SOURCE, SLOPE FOR WINTERIZATION.
1. ROOF CURB, FLASH AND COUNTERFLASH.
2. 3" AIR SPACE.
3. WELDED EXHAUST DUCT, SEE PLANS FOR REQUIRED SIZE.
4. ROOF.
5. ANCHOR FAN BASE SECURELY TO VENTILATED CURB.
6. EXHAUST FAN.

KITCHEN EXHAUST FAN

3/4" = 1'-0"
1. ROOF CURB, FLASH AND COUNTERFLASH.
2. ROOF.
3. EXHAUST DUCT, SEE PLAN FOR REQUIRED SIZE.
4. BACKDRAFT DAMPER.
5. ANCHOR FAN BASE SECURELY TO VENTILATED CURB.
6. EXHAUST FAN.
1. 2 X 4 WOOD NAILER.
2. INSULATION.
3. METAL FRAME SUPPLIED WITH UNIT.
4. FIBER CANT STRIP SET IN BITUMEN.
5. WOOD BLOCKING FASTENED TO DECK.
6. METAL DECKING.
7. BASE FLASHING.
8. COUNTERFLASHING EXTENDED DOWN TO PROTECT AGAINST FOOT DAMAGE.
9. COUNTERFLASHING FASTENED APPROXIMATELY 18" O.C.
10. FLASHING RECEIVER.

EQUIPMENT CURB

1" = 1'-0"

07D-1069
1. #14 GALVANIZED WIRE.
2. INSULATED DUCTWORK PER SPECIFICATIONS.
3. 2 X 6 REDWOOD.
4. ROOF DECK, SEE ARCHITECTURAL PLANS.
5. 4" X 4" X 1/4" BASE PLATE WELDED TO LEG.
6. 3/8" X 1-1/2" LAG SCREW.
7. 1" X 1" X 1/8" ANGLE.
1. Exhaust Fan.
2. Birdscreen.
3. Flashing and Security Bars furnished and installed by General Contractor.
4. Backdraft Damper furnished with exhaust fan.
5. Roof, see architectural plans.
6. Roof Curb, furnished with exhaust fan.
7. Anchor fan base securely to curb.

Attic Exhauster

1/4" = 1'-0"
CONCRETE SLAB

1/2" GYPSUM BOARD

CONCRETE SLAB

SLOPE 1/4" PER FOOT MAX.

STUCCO SYSTEM

METAL WEEP SCREED (TYPICAL @ ALL EXTERIOR WALLS)

WEEP SCREED

3" = 1'-0"

07D-1072
2. Masonry Wall.
1. BUILT-IN TYPE REGLET, SPRINGLOCK, AND 25 GAUGE COUNTERFLASHING WITH PAINTED FINISH.
2. MASONRY WALL.
3. PARAPET OF ADJACENT STRUCTURE.

FLASHING AT C.M.U. WALL

3" = 1'-0"

07D-1073
1. 20 GAUGE GALVANIZED IRON FLASHING SET IN MASONRY MORTAR JOINT.
2. 20 GAUGE COUNTER-FLASHING.
3. CANT STRIP.
4. ROOF DECK.
5. LEDGER.
6. MASONRY WALL.
1. 20 GAUGE GALVANIZED IRON FLASHING SET IN MASONRY MORTAR JOINT.
2. 20 GAUGE COUNTER-FLASHING.
3. CANT STRIP.
4. ROOF DECK.
5. LEDGER.
6. MASONRY WALL.
1. CMU WALL.
2. SCUPPER OPENING.
3. 22 GAUGE GALVANIZED IRON DOWNSPOUT.
4. LEADER BOX.
5. GALVANIZED METAL FLASHING ALL AROUND.
6. PLYWOOD ROOF DECK.
7. 22 GAUGE GALVANIZED IRON SCUPPER FLASHING.
8. OVERFLOW BEYOND.
9. LEDGER.

SCUPPER/DOWNSPOUT

1 1/2” = 1’-0”
1. CMU WALL.
2. SCUPPER OPENING.
3. 22 GAUGE GALVANIZED IRON DOWNSPOUT.
4. LEADER BOX.
5. GALVANIZED METAL FLASHING ALL AROUND.
7. PLYWOOD ROOF DECK.
8. 22 GAUGE GALVANIZED IRON SCUPPER FLASHING.
9. OVERFLOW BEYOND.
10. LEDGER.
DOUBLE LEAF FIRE VENT

1" = 1'-0"

07D-4001
1. BREIDERT VENT CAP.
2. METALBESTOS VENT.
3. FLASHING.
4. ATTACH THIMBLE TO ROOF DECKING.
5. TYPE "B" FLUE, SEE PLANS FOR SIZE.
6. VENTILATED ROOF THIMBLE, METALBESTOS OR EQUAL.
7. VERIFY ROOF CONSTRUCTION.
8. STORM COLLAR.

NOTE: INSTALL FLUE AT HEIGHT REQUIRED BY LOCAL AND UMC CODES.

TYPE "B" FLUE THROUGH ROOF

3/4" = 1'-0"

07D-4002
1. EXHAUST FAN.
2. BIRDScreen.
3. FLASHING AND SECURITY BARS FURNISHED AND INSTALLED BY GENERAL CONTRACTOR.
4. BACKDRAFT DAMPER FURNISHED WITH EXHAUST FAN.
5. ROOF, SEE ARCHITECTURAL PLANS.
6. ROOF CURB, FURNISHED WITH EXHAUST FAN.
7. ANCHOR FAN BASE SECURELY TO CURB.

ATTIC EXHAUSTER

3/4” = 1’-0”

07D-4003
1. ROOF CURB, FLASH AND COUNTERFLASH.
2. 3” AIR SPACE.
3. WELDED EXHAUST DUCT, SEE PLANS FOR REQUIRED SIZE.
4. ROOF.
5. ANCHOR FAN BASE SECURELY TO VENTILATED CURB.
6. EXHAUST FAN.

KITCHEN EXHAUST FAN

3/4” = 1’-0”

07D-4004
1. ROOF CURB, FLASH AND COUNTERFLASH.
2. ROOF.
3. EXHAUST DUCT, SEE PLAN FOR REQUIRED SIZE.
4. BACKDRAFT DAMPER.
5. ANCHOR FAN BASE SECURELY TO VENTILATED CURB.
6. EXHAUST FAN.
1. ROOF HATCH.
2. FACE OF GYP. BD. ENCLOSURE.
3. 2-1/2” X 1/2” STRINGER.
4. 1” DIA STEEL RUNGS AT 12” O.C.
5. LADDER - 18” WIDE.
6. WALL ANCHORS AT 60” O.C.
   - 2-1/2” X 1/2” BENT PLATE
7. ANCHOR TO FLOOR.
8. LADDER UP SAFETY POST.
9. FIRE-RETARDANT WOOD BLOCKING.

LADDER TO SCUTTLE
SCALE: 3” = 1’-0”
07D-5001
1. ROOF HATCH WITH INTEGRAL CURB AND COUNTERFLASHING.
2. METAL STUDS AT 16" O.C.
3. 5/8" TYPE 'X' GYP. BOARD.
4. ROOF MEMBRANE OVER LIGHTWEIGHT FILL OVER 1-1/2 METAL DECKING.
5. ACCESS LADDER.
6. "LADDER UP" SAFETY POST.
7. STEEL ANGLES. SEE STRUCTURAL.
8. 1 HR. WALL TO UNDERSIDE OF ROOF DECK.
9. 1 HR. CEILING.

ROOF HATCH
SCALE: 3/4" = 1'-0"  07D-5002
1. ROOF HATCH.
2. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING.
3. CANT STRIP.
4. RIGID INSULATION.
5. METAL DECK.
6. STEEL ANGLE SUPPORT FOR HATCH.
7. 1 X 4 FIRE-RETARDANT TREATED WOOD NAILER.
8. 20 GA. G.I. CLOSURE WITH 1/2" HEM AT EDGE.
9. FACE OF METAL STUD PARTITION TO ENCLOSE ROOF HATCH SHAFT.
10. 5/8" GYP. BOARD.
1. ROOF MEMBRANE OVER LIGHTWEIGHT FILL OVER 1 1/2" METAL DECKING.
2. PREFABRICATED ROOF HATCH BOLTED TO FRAME @ 12" O.C. ALL AROUND.
3. 4" CANT STRIP.
4. ANGLE IRON FRAME ALL AROUND OPENING.
5. WALL/CEILING CONSTR. FLUSH WITH ANGLE FRAME ALL AROUND.
1. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING.
2. PREFABRICATED ROOF HATCH ATTACHED ALL AROUND.
3. 4" CANT STRIP.
4. DOUBLE 2X FRAMING.
5. (2) LAYERS - 5/8" TYPE 'X' GYPSUM BOARD.
6. METAL STUDS.
7. STRUCTURAL PLYWOOD SHEATHING.
8. COMPRESSIBLE BACKER ROD.
1. ROOF HATCH.
2. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING.
3. CANT.
4. PLYWOOD DECK.
5. 20 GA. G.I. CLOSURE WITH 1/2" HEM AT EDGE.
6. 5/8" GYP. BOARD.
7. FACE OF METAL STUD PARTITION TO ENCLOSE ROOF HATCH SHAFT.

ROOF HATCH

SCALE: 3" = 1’-0”

07D-5006
1. PREFABRICATED EQUIPMENT ROOF CURB
2. NEOPRENE GASKET CONTINUOUS AT TOP OF CURB
3. 20 GA. METAL CAP.
4. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING.
5. STRUCTURAL PLYWOOD DECK.
6. STRUCTURAL HEADERS.
7. 4" CANT STRIP.
8. MECHANICAL EQUIPMENT.
9. WOOD Nailer.
10. RIGID INSULATION.
1. PREFABRICATED EQUIPMENT ROOF CURB.
2. SKYLIGHT.
3. BLOCKING AS REQUIRED.
4. 4" CANT.
5. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING SYSTEM.
6. PLYWOOD DECK.
7. WOOD JOIST.
8. ONE HR. RATED ROOF SYSTEM. TWO LAYERS OF 5/8" TYPE 'X' GYP. BD.
9. 3-5/8" METAL STUDS AT 16" O.C.
10. ACOUSTICAL CEILING PANEL.
11. GYP. BD. SOFFIT.
12. PARABOLIC LENS TO MATCH FLUORESCENT FIXTURES.
13. 1/2" 'CELOTEX' INSULATION BOARD WITH ALUMINUM FOIL BOTH SIDES CLEAR SIDE FACING OUT. TAPE ALL CORNERS WITH FoIL TAPE.
SKYLIGHT CURB

SCALE: 1 1/2” = 1’-0”

07D-3003

1. ANGLE IRON FRAME ALL AROUND OPENING. TAPER TO CREATE LEVEL INSTALLATION.
2. PREFABRICATED SKYLIGHT UNIT BOLTED TO FRAME @ 12” O.C. ALL AROUND.
3. 4” CANT STRIP.
4. MEMBRANE ROOFING OVER LIGHTWEIGHT FILL OVER 1 1/2” METAL DECKING.
1. STEEL ANGLE FRAME ALL AROUND OPENING. TAPER TO CREATE LEVEL INSTALLATION.
2. PREFABRICATED SKYLIGHT UNIT ON 2 X 12 FIRE RETARDANT TREATED WOOD CURB.
3. 4" CANT STRIP
4. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING ON RIGID INSULATION.
5. 2x6 CONTINUOUS FIRE RETARDANT TREATED WOOD NAILER AT PERIMETER OF OPENING.
6. 5/8" TYPE 'X' GYPSUM BOARD.
7. CASING BEAD.

SKYLIGHT AT METAL DECK
SCALE: 1” = 1’-0”

07D-3004
1. PREFABRICATION SKYLIGHT UNIT ON 2 X 12 FIRE RETARDANT TREATED WOOD CURB.
2. 4" CANT STRIP.
3. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING
4. STRUCTURAL WOOD HEADERS.
5. STRUCTURAL PLYWOOD SHEATHING.
6. 5/8" TYPE 'X' GYPSUM BOARD.
7. CASING BEAD.
1. MECHANICAL EQUIPMENT.
2. MECHANICAL DUCT.
3. 24 GA. FLASHING.
4. FIBER CANT.
5. CLASS "A" BUILT ROOFING PLYWOOD DECK.

VERIFY ROUGH OPENING SIZE W/ MECH. CONTR.

SCALE: 3" = 1'-0"
EQUIP. SIZE
PLUS 4' ALL
AROUND

1. 3/4" PLYWOOD
2. 15# FELT.
3. 24 GA. FLASHING.
4. FIBER CANT.
5. CLASS "A" BUILT ROOF.
6. 1/2" PLYWOOD.
7. 2 X 8- TAPER CUT TO FIT ROOF SLOPE.
1. ANGLE IRON FRAME ALL AROUND OPENING. TAPER TO CREATE LEVEL INSTALLATION.
2. METAL DUCT—SEE MECHANICAL.
3. FAN UNIT—SEE MECHANICAL.
4. 4” CANT STRIP.
5. MEMBRANE ROOFING OVER LIGHTWEIGHT FILL OVER 1 1/2” METAL DECKING.
6. 18 GA. SHEET METAL CURBING W/ 4” FLANGE. BOLT TO FRAME @ 12” O.C. ALL AROUND.

EXHAUST FAN CURB
SCALE: 3” = 1’-0”
07D-3008
1. EXHAUST FAN OR RELIEF VENT.
2. 2 X 8 FIRE RETARDANT WOOD CURB.
3. CANT STRIP.
4. 2X FRAMING.
5. PLYWOOD DECK.
6. MODIFIED BITUMEN COMPOSITE SHEET ROOFING SYSTEM, CONTINUOUS OVER TOP OF CURB.
1. PREFabricated equipment ROOF CURB.
2. NEOPRENE GASKET CONTINUOUS AT TOP OF CURB.
3. 20 GA GI FLASHING.
4. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET.
5. RIGID INSULATION.
6. METAL DECK.
7. 1 X 4 FIRE-RETARDANT TREATED WOOD NAILER.
8. STEEL ANGLE SUPPORT FOR CURB.
9. 4” CANT.
10. MECHANICAL EQUIPMENT.
1. PREFABRICATED EQUIPMENT
   ROOF CURB.
2. NEOPRENE GASKET CONTINUOUS
   AT TOP OF CURB.
3. 20 GA GI CAP.
4. MODIFIED BITUMEN REINFORCED
   COMPOSITE SHEET.
5. PLYWOOD DECK.
6. 4” CANT STRIP.
7. MECHANICAL EQUIPMENT.
8. BATT INSULATION.

VARIATION WITH ROOF SLOPE - 12” MIN.

EQUIPMENT CURB

SCALE: 3” = 1’-0”
1. 1-1/2" SHEETMETAL SCREWS @ 6" O.C.
2. SHEETMETAL DUCTWORK PER SPECIFICATIONS.
3. SEAL WATERTIGHT WITH G.E. SILICONE.
4. 1" DUCTBOARD.
5. 26 GAUGE GALVANIZED WRAP.
1. ALUMINUM ALL WEATHER JACKET.
2. 4 X 4 REDWOOD BLOCK.
3. ROOF.
4. PVC SADDLE, 2'-0" LONG.
5. PIPING.
6. 1" FIBERGLASS INSULATION.

PIPES ON ROOF

3" = 1'-0"

07D-3013
1. GAS PIPE.
2. 2 X 4 REDWOOD BLOCK, 8'-0"
   ON CENTER.
3. ROOF.
4. 4" X 4" X 10" REDWOOD BLOCK
   6'-0" ON CENTER.
1. 2 X 4 WOOD NAILER.
2. INSULATION.
3. METAL FRAME SUPPLIED WITH UNIT.
4. FIBER CANT STRIP SET IN BITUMEN.
5. WOOD BLOCKING FASTENED TO DECK.
6. METAL DECKING.
7. BASE FLASHING.
8. COUNTERFLASHING EXTENDED DOWN TO PROTECT AGAINST FOOT DAMAGE.
9. COUNTERFLASHING FASTENED APPROXIMATELY 18” O.C.
10. FLASHING RECEIVER.

EQUIPMENT CURB

1” = 1’-0”

07D-3015
1. #14 GALVANIZED WIRE.
2. INSULATED DUCTWORK PER SPECIFICATIONS.
3. 2 X 6 REDWOOD.
4. ROOF DECK, SEE ARCHITECTURAL PLANS.
5. 4" X 4" X 1/4" BASE PLATE WELDED TO LEG.
6. 3/8" X 1-1/2" LAG SCREW.
7. 1" X 1" X 1/8" ANGLE.
1. STRUCTURAL SUPPORT.
2. NEOPRENE PAD.
3. CANT STRIP.
4. CAP FLASHING.
5. METAL DECKING.
6. BUILT-UP ROOFING – SEE SPECIFICATIONS.
7. PRIMARY INSULATION.
8. OPTIONAL AIR/VAPOR BARRIER.
9. PLYWOOD.

NOTE: CANT STRIPS ARE NOT REQUIRED WHEN CAP FLASHING OR ALL PLIES ARE THERMOFUSED.
1. STRUCTURAL SUPPORT.
2. NEOPRENE PAD.
3. CANT STRIP.
4. CAP FLASHING.
5. METAL DECKING.
6. BUILT-UP ROOFING - SEE SPECIFICATIONS.
7. PRIMARY INSULATION.

8. OPTIONAL AIR/VAPOR BARRIER.
9. PLYWOOD.

NOTE: CANT STRIPS ARE NOT REQUIRED WHEN CAP FLASHING OR ALL PLIES ARE THERMOFUSED.
1. ROOF DRAIN WITH DOUBLE DECK CLAMP.
2. OVERFLOW DRAIN WITH DOUBLE DECK CLAMP AND 2” HIGH STANDPIPE.
3. LEAD FLASHING 24” SQUARE.
4. MODIFIED BITUMEN REINFORCED SHEET ROOFING ON RIGID INSULATION.
5. RIGID INSULATION CRICKETS WHERE REQUIRED, SEE ROOF PLAN, MIN 1/4”/LF AT CRICKET VALLEY.
6. METAL DECK.
7. ROOF DRAIN PIPE.
8. STEEL ANGLE LEDGER.
9. 4” CANT STRIP.
10. FACE OF MASONRY WALL.

ROOF & OVERFLOW DRAIN

SCALE: 1 1/2” = 1’-0”

07D-2001
1. ROOF DRAIN WITH DOUBLE DECK CLAMP.
2. 20 GA. OVERFLOW SCUPPER AT PARAPET WALL, 2” MAX. ABOVE ROOF DRAIN INVERT.
3. LEAD FLASHING 24” SQUARE.
4. MODIFIED BITUMEN REINFORCED SHEET ROOFING ON RIGID INSULATION.
5. RIGID INSULATION CRICKETS WHERE REQUIRED, SEE ROOF PLAN, MIN. 1/4” / LF AT CRICKET VALLEY.
6. METAL DECK.
7. ROOF DRAIN PIPE.
8. STEEL ANGLE LEDGER.
9. 4” CANT.
10. FACE OF CONCRETE WALL.
11. SEALANT.
1. MODIFIED BITUMEN COMPOSITE SHEET ROOFING SYSTEM.
2. ROOF DRAIN.
3. OVERFLOW PIPE AS OCCURS.
4. WOOD BLOCKING.
5. UNDERDECK CLAMP.
6. ROOF DRAINAGE PIPING.
7. RUN ROOFING INTO BODY OF DRAIN.
1. 20 GAUGE GALVANIZED IRON – SOLDER ALL JOINTS.
2. SEAL AT MASONRY OPENING.
1. 20 GAUGE GALVANIZED IRON - SOLDER ALL JOINTS.
2. SEAL AT MASONRY OPENING.
1. CMU WALL.
2. SCUPPER OPENING.
3. 22 GAUGE GALVANIZED IRON DOWNSPOUT.
4. LEADER BOX.
5. GALVANIZED METAL FLASHING ALL AROUND.
6. PLYWOOD ROOF DECK.
7. 22 GAUGE GALVANIZED IRON SCUPPER FLASHING.
8. OVERFLOW BEYOND.
9. LEDGER.
1. CMU WALL.
2. SCUPPER OPENING.
3. 22 GAUGE GALVANIZED IRON DOWNSPOUT.
4. LEADER BOX.
5. GALVANIZED METAL FLASHING ALL AROUND.
6. PLYWOOD ROOF DECK.
7. 22 GAUGE GALVANIZED IRON SCUPPER FLASHING.
8. OVERFLOW BEYOND.
9. LEDGER.
1. 8" C.M.U PARAPET WITH ELASTOMERIC COATING.
2. G.I. REGLET & COUNTER FLASHING.
3. 22 GA. G.I. SHEET METAL FLASHING WITH CONTINUOUS HEM.
4. 4" FIBER CANT.
5. WOOD LEDGER.
6. ASPHALT SHINGLES.
7. 3/4" PLYWOOD CRICKET ON 2 X WOOD SUPPORTS AT 48" O.C.
8. PLYWOOD ROOF DECK.

SCALE: 1 1/2" = 1'-0"

PLYWOOD CRICKET

07C-1001
1. ROOF DECK AND STRUCTURE.
2. 2X10 WOOD FASCIA.
3. 1X6 WOOD TRIM.
4. 24 GA. GALV. SHEET METAL FLASHING.
5. SEALANT CONTINUOUS.
6. ASPHALT SHINGLES WITH WATERPROOF UNDERLAYMENT PER MANUFACTURER’S SPECIFICATIONS.
7. STEEL BRACKET AND THROUGH BOLT AT EXISTING – WHERE OCCURS.
8. EXISTING BEAM – WHERE OCCURS.
1. PLANK ROOFING.
2. 2X10 WOOD FASCIA.
3. 1X6 WOOD TRIM.
4. 24 GA. GALV. SHEET METAL FLASHING.
5. SEALANT – CONTINUOUS.
6. ASPHALT SHINGLES WITH WATERPROOF UNDERLAYMENT PER MANUFACTURER’S SPECIFICATIONS.
7. CONTINUOUS 2 X 4 NAILER.
8. COPE 2 X 12 ROOF JOISTS AS SHOWN AT SIMILAR.
1. ASPHALT SHINGLES WITH WATERPROOF UNDERLAYMENT PER MANUFACTURER'S SPECIFICATIONS.
2. PLYWOOD SHEATHING.
3. 24 GA. G.I. FLASHING—PAINTED.
4. 1 X 8 CONTINUOUS WOOD NAILER.
5. 3/4" CEMENT PLASTER ON METAL LATH.
6. 24 GA. GALV. SHEET METAL DIP.
7. 2X OVERHANG FRAMING.
8. 2 X 12 CONTINUOUS WOOD FASCIA
1. ASPHALT SHINGLES WITH WATERPROOF UNDERLayment PER MANUFACTURER’S SPECIFICATIONS.
2. MASONRY WALL.
3. 24 GA. GALV. SHEET METAL DRIP EDGE.
4. SEALANT.
5. 1X6 TRIM.
6. 2 x 10 WOOD FASCIA.

ROOF OVERHANG
3” = 1’-0”

07C-1005
1. CEMENT PLASTER ON METAL LATH & PLYWOOD SHEATHING OVER 2X WOOD FRAMING.
2. METAL COUNTERFLASHING.
3. METAL FLASHING.
4. ASPHALT SHINGLES WITH WATERPROOF UNDERLAYMENT PER MANUFACTURER’S SPECIFICATIONS.
5. PLYWOOD ROOF DECK.
6. PLYWOOD BLOCKING.
1. 15# FELT UNDERLAYMENT UNDER COMPOSITION SHINGLES.
2. ROOF DECKING.
3. 2 X RAFTERS.
4. DOUBLE TOP PLATE.
5. 2 X 4 RETURN.
6. 3/4" FASCIA.
7. 2 X FASCIA.
8. 1/4" PLYWOOD SOFFIT.
9. 1 X FREIZE BOARD.
10. INSULATION BOARD.
11. AIR SPACE.
12. BRICK WITH BRICK TIES PER MANUFACTURER'S SPECIFICATIONS.
13. 1/2" X 15" ANCHOR BOLTS, 6'-0" O.C., 12" FROM CORNERS.
14. FLASHING WITH WEEP HOLES @ 48" O.C.
15. FINISHED GRADE.
16. (4) #4 REBARS ALL IN SOLID FOOTING 3" OFF BOTTOM.
17. TYPICAL 4" CONCRETE POST, 4'-0" O.C. UNDER LOAD-BEARING WALLS.
18. COMPACTED EARTH FILL.
19. 1" STYROFOAM WITH 6 MIL VAPOR BARRIER.
20. 4" CONCRETE SLAB, 3,000 P.S.I. WITH 6" X 6" 10 GA. X 10 GA. WELDED WIRE FABRIC.
21. 1/2" GYPSUM BOARD.

EXTERIOR WALL SECTION
1/2" = 1'-0"

07C-1007
1. PREFABRICATED EQUIPMENT
2. ROOF CURB.
3. SKYLIGHT.
4. BLOCKING AS REQUIRED.
5. 4" CANT.
6. MODIFIED BITUMEN REINFORCED
   COMPOSITE SHEET ROOFING SYSTEM.
7. PLYWOOD DECK.
8. WOOD JOIST.
9. ONE HR. RATED ROOF SYSTEM. TWO
   LAYERS OF 5/8" TYPE 'X' GYP. BD.
10. 3-5/8" METAL STUDS AT 16" O.C.
11. ACoustical Ceiling Panel.
12. GYP. BD. SOFFIT.
13. PARABOLIC LENS TO MATCH
    FLUORESCENT FIXTURES.
14. 1/2" CELOTEX INSULATION BOARD
    WITH ALUMINUM FOIL BOTH SIDES
    CLEAR SIDE FACING OUT. TAPE
    ALL CORNERS WITH FOIL TAPE.

**SKYLIGHT WELL**

SCALE: 1 1/2" = 1'-0"
SKYLIGHT CURB

SCALE: 1 1/2” = 1’-0”

07C-7002

1. ANGLE IRON FRAME ALL AROUND OPENING. TAPER TO CREATE LEVEL INSTALLATION.
2. PREFABRICATED SKYLIGHT UNIT BOLTED TO FRAME @ 12” O.C. ALL AROUND.
3. #4 CANT STRIP.
4. MEMBRANE ROOFING OVER LIGHTWEIGHT FILL OVER 1 1/2” METAL DECKING.
1. Steel angle frame all around opening. Taper to create level installation.
2. Prefabricated skylight unit on 2 x 12 fire retardant treated wood curb.
3. 4" cant strip
4. Modified bitumen reinforced composite sheet roofing on rigid insulation.
5. 2x6 continuous fire retardant treated wood nailer at perimeter of opening.
6. 5/8" Type 'X' gypsum board.
7. Casing bead.
1. PREFABRICATED SKYLIGHT UNIT ON 2 X 12 FIRE RETARDANT TREATED WOOD CURB.
2. 4" CANT STRIP.
3. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING
4. STRUCTURAL WOOD HEADERS.
5. STRUCTURAL PLYWOOD SHEATHING.
6. 5/8" TYPE 'K' GYPSUM BOARD.
7. CASING BEAD.

SKYLIGHT AT WOOD JOIST
SCALE: 1" = 1'-0"
07C-7004
1. PREFABRICATED EQUIPMENT ROOF CURB.
2. NEOPRENE GASKET CONTINUOUS AT TOP OF CURB.
3. 20 GA. METAL FLASHING.
4. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING.
5. PLYWOOD DECK.
6. 2X FRAMING.
7. 4" CANT STRIP.
8. MECHANICAL EQUIPMENT.
9. RIGID INSULATION.
1. PREFABRICATED EQUIPMENT ROOF CURB.
2. NEOPRENE GASKET CONTINUOUS AT TOP OF CURB.
3. 20 GA GI FLASHING.
4. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET.
5. RIGID INSULATION.
6. METAL DECK.
7. 1 X 4 FIRE-RETARDANT TREATED WOOD NAILED.
8. STEEL ANGLE SUPPORT FOR CURB.
9. 4" CANT.
10. MECHANICAL EQUIPMENT.
1. PREFABRICATED EQUIPMENT
   ROOF CURB.
2. NEOPRENE GASKET CONTINUOUS
   AT TOP OF CURB.
3. 20 GA GI CAP.
4. MODIFIED BITUMEN REINFORCED
   COMPOSITE SHEET.
5. PLYWOOD DECK.
6. 4” CANT STRIP.
7. MECHANICAL EQUIPMENT.
8. BATT INSULATION.

EQUIPMENT CURB

SCALE: 3” = 1’-0”
1. EXHAUST FAN OR RELIEF VENT.
2. 2 X 8 FIRE RETARDANT WOOD CURB.
3. CANT STRIP.
4. 2X FRAMING.
5. PLYWOOD DECK.
6. MODIFIED BITUMEN COMPOSITE SHEET ROOFING SYSTEM, CONTINUOUS OVER TOP OF CURB.

MECHANICAL EQUIPMENT CURB

1" = 1'-0"

07C-7008
1. 24 GA SHEET METAL CONE W/ BASE PLATE.
2. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING LAP & SEAL ALL AROUND BASE OF CONE.
3. PIPE OR CONDUIT.
4. PIPE CONE CONNECTION. SECURE WITH STAINLESS STEEL HOSE CLAMP.
5. ROOF STRUCTURE.
6. DECK CLAMP.
7. SEALANT ALL AROUND.

PIPE THRU ROOF
SCALE: 1” = 1'-0”
07C-7009
1. PIPE OR CONDUIT.
2. SEALANT.
3. COUNTERFLASHING SLEEVE.
4. WATERPROOF COMPOUND.
5. STEEL REINFORCED BOOT.
6. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING FLASHING SYSTEM.
7. PLYWOOD DECK.
3 PLY BUILT UP ROOF SYSTEM  
(GAF # N-B-3-C, ICBO #R-1306)  
OVER 1/2" PLYWOOD ROOF DECK  
SEE FRAMING PLAN FOR NAILING SCHEDULE  

PREFABRICATED ROOF TRUSS  
SEE FRAMING PLAN AND MANUFACTURER'S SHOP DRAWINGS  

"SIMPSON" H3  
HURRICANE TIE  

1/2" GYPSUM BOARD  

DOUBLE TOP PLATE  

2 X 4 INTERIOR BEARING WALL - STUDS @ 16" O.C.  

SEATED TRUSSES  
1" = 1'-0"  

07C-7011
1. PLUMBING VENT PIPE.
2. 3.5# LEAD FLASHING SLEEVE WITH SQ. BASE PLATE. ROLL OVER INTO VENT PIPE 1/2" DEEP.
3. MODIFIED BITUMEN REINFORCED SHEET ROOFING ON PLYWOOD DECK.
4. LAP SHEET ROOFING OVER LEAD BASE PLATE.
5. ROOF DECK.
6. SEALANT ALL AROUND.

VENT PIPE THRU ROOF
SCALE: 1" = 1'-0"
VENT PIPE THRU ROOF

1. PLUMBING VENT PIPE.
2. 3.5# LEAD FLASHING SLEEVE WITH SQ. BASE PLATE.
   ROLL OVER INTO VENT PIPE 1/2" DEEP.
3. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING ON RIGID INSULATION.
4. LAP SHEET ROOFING OVER LEAD BASE PLATE.
5. STRUCTURAL METAL DECK.
6. SEALANT ALL AROUND.
7. 2 x 6 NAILER AT PERIMETER.

SCALE: 3" = 1'-0"
VENT STACK

SCALE: 3” = 1’-0”

1. LEAD FLASHING – ROLL 1” INTO PIPE.
2. SEALANT
3. MODIFIED BITUMEN CAP SHEET
4. MODIFIED BITUMEN STRIPPING PLY
5. LEAD FLANGE – PRIME AND SET IN MASTIC.
6. MODIFIED BITUMEN BASE PLY
1. PLUMBING VENT.
2. LEAD FLASHING.
3. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET.
4. RIGID INSULATION.
5. METAL DECK.

VENT FLASHING

3” = 1’-0”

07C-7015
1. Expansion Joint Cover.
2. Batt Insulation.
3. Fastener with Neoprene Washers.
4. Cant Strip.
5. 2 x 10 Fire Retardant Treated Curb.
6. Cut from 2 x 4 Fire Retardant Nailer.
7. Rigid Insulation.
8. Roof Deck.

EXP. JOINT AT ROOF
SCALE: 3” = 1’-0”

07C-7016
1. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING OVER RIGID INSULATION.
2. EXPANSION JOINT COVER COAT ALL NEOPRENE MATERIAL WITH WHITE ELASTOMERIC COATING AFTER INSTALLATION.
3. 4" CANT STRIP.
4. 2 x 8 FIRE RETARDANT TREATED WOOD CURB.
5. STRUCTURAL NAILEP.
6. MASONRY WALL.
7. PLYWOOD SHEATHING.
8. FLASHING SYSTEM BY ROOFING MANUFACTURER.
9. STRUCTURAL SLIP JOINT.

EXPANSION JOINT COVER
SCALE: 1" = 1'-0"
07C-7017
1. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING.
2. EXPANSION JOINT COVER, COAT ALL NEOPRENE MATERIAL WITH WHITE ELASTOMERIC COATING AFTER INSTALLATION.
3. 4” CANT STRIP.
4. 2 x 8 FIRE RETARDANT TREATED WOOD CURB.
5. STRUCTURAL NAILER.
6. MASONRY WALL.
7. PLYWOOD ROOF DECK.
8. FLASHING SYSTEM BY ROOFING MANUFACTURER.
9. STRUCTURAL SLIP JOINT.
10. REGLET AND COUNTERFLASHING.
1. Roof drain with double deck clamp.
2. Overflow drain with double deck clamp and 2" high standpipe.
3. Lead flashing 24" square.
4. Modified bitumen reinforced sheet roofing on rigid insulation.
5. Rigid insulation cricket where required, see roof plan; min 1/4"/lf at cricket valley.
6. Metal deck.
7. Roof drain pipe.
8. Steel angle ledger.
9. 4" cant strip.
10. Face of masonry wall.

ROOF & OVERFLOW DRAIN

SCALE: 1 1/2" = 1'-0"

07C-7019
1. Roof drain with double deck clamp.
2. 20 ga. overflow scupper at parapet wall, 2" max. above roof drain invert.
3. Lead flashing 24" square.
4. Modified bitumen reinforced sheet roofing on rigid insulation.
5. Rigid insulation crickets where required, see roof plan, min. 1/4"/lf at cricket valley.
6. Metal deck.
7. Roof drain pipe.
8. Steel angle ledger.
9. 4" cant.
10. Face of concrete wall.
11. Sealant.

ROOF DRAIN AND OVERFLOW SCUPPER

1 1/2" = 1'-0"
1. MODIFIED BITUMEN COMPOSITE SHEET ROOFING SYSTEM.
2. ROOF DRAIN.
3. OVERFLOW PIPE AS OCCURS.
4. WOOD BLOCKING.
5. UNDERDECK CLAMP.
6. ROOF DRAINAGE PIPING.
7. RUN ROOFING INTO BODY OF DRAIN.

ROOF DRAIN

SCALE: 3” = 1’-0”

07C-7021
1. WALL (PRIME MASONRY SURFACES).
2. METAL CLAD MODIFIED BITUMEN FLASHING (TORCH & FASTEN 9" O.C.).
3. MODIFIED BITUMEN CAP SHEET (PREPARE GRANULAR SURFACE).
4. MODIFIED BITUMEN REINFORCING SHEET.
5. MODIFIED BITUMEN BASE PLY.
6. METAL FLASHING/COUNTERFLASHING ASSEMBLY.
7. PLYWOOD ROOF SHEATHING.
8. METAL DECK.
REGLET AT CMU WALL

SCALE: 3” = 1’-0”

1. WALL (PRIME MASONRY SURFACES).
2. METAL CLAD MODIFIED BITUMEN FLASHING (TORCH & FASTEN 9” O.C.).
3. MODIFIED BITUMEN CAP SHEET (PREPARE GRANULAR SURFACES).
4. MODIFIED BITUMEN REINFORCING SHEET.
5. MODIFIED BITUMEN BASE PLY.
6. METAL FLASHING/COUNTERFLASHING ASSEMBLY.
1. METAL REGLET, SAW CUT GROOVE.
2. METAL COUNTER FLASHING.
3. CONCRETE WALL.
4. CANT STRIP.
5. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING.
6. SEALANT.
1. BUILT-IN TYPE MA FRY REGLET & SPRINGLOCK COUNTERFLASHING.
2. SEALANT.
3. MASONRY WALL.
4. 4” CANT STRIP.
5. ROOF MEMBRANE OVER LIGHTWEIGHT FILL.
1. BUILT-IN TYPE MA FRY REGLET IN MORTAR JOINT & SPRINGLOCK COUNTERFLASHING.
2. SEALANT.
3. MASONRY WALL.
4. 4" CANT STRIP.
5. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING.
6. STEP FLASHING DOWN WITH SLOPE OF ROOF. PROVIDE TERMINATION BARS AT VERTICAL EDGES OF ROOFING MEMBRANE.
7. MORTAR JOINT.

FLASHING AT CANT
SCALE: 3" = 1'-0"

07C-7026
1. SEALANT.
2. HOLLOW METAL FRAME.
3. 26 GAUGE GALVANIZED SHEET METAL COUNTERFLASHING.
4. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING.
5. 4" CANT STRIP.
6. PLYWOOD ROOF DECK.
7. 2 X 4 FIRE RETARDANT WOOD LEDGER, CONTINUOUS.

FLASHING AT WINDOW

SCALE: 1 1/2” = 1’-0”

07C-7027
1. Masonry Wall.
2. Prefabricated Metal Coping.
3. Modified Bitumen Reinforced Composite Sheet Roofing. Where Parapet is 3'-0" or less above roof deck, roofing is continuous up wall and under metal coping.
4. Termination Bar.
5. Roof Deck.
6. Cant Strip.
7. Reglet & Counter Flashing.

**Diagram:**

- **LAP:** 2'-0" MIN.
- **2-1/2" MIN.**

**Stepped Flashing**

Scale: 1" = 1'-0"

07C-7028
1. ELASTOMERIC COATING OVER PLYWOOD SHEATHING ON 2X WOOD FRAMING.
2. METAL CLAD MODIFIED BITUMEN FLASHING (TORCH & FASTEN 9" O.C.).
3. MODIFIED BITUMEN CAP SHEET (PREPARE GRANULAR SURFACE).
4. MODIFIED BITUMEN REINFORCING SHEET.
5. MODIFIED BITUMEN BASE PLY.
6. METAL FLASHING/COUNTERFLASHING ASSEMBLY.
7. SEALANT.
3 PLY BUILT UP ROOF SYSTEM
(GAF # N-B-3-C, ICBO #R-1306)
OVER 1/2" PLYWOOD ROOF DECK
SEE FRAMING PLAN FOR NAILING SCHEDULE

TRUSS CONNECTION (SHEAR PANEL)

PREFABRICATED ROOF TRUSS
SEE FRAMING PLAN AND MANUFACTURER'S SHOP DRAWINGS

"SIMPSON" H3 HURRICANE TIE

DOUBLE TOP PLATE

1/2" GYPSUM BOARD

2 X 8 INTERIOR BEARING WALL - STUDS @ 16" O.C.

SEATED TRUSSSES

1" = 1'-0"

07C-7030
STUCCO SYSTEM
@ PARAPET WALL

3 PLY BUILT UP ROOF SYSTEM
(GAF #N-B-3-C, ICBO # R-1306)
OVER 1/2" PLYWOOD ROOF DECK - SEE FRAMING PLAN FOR NAILING SCHEDULE

"SIMPSON" H4 HURRICANE TIE
"SIMPSON" H3 HURRICANE TIE
TRUSS CONNECTION (SHEAR PANEL)

"SIMPSON" HU210 JOIST HANGER

1/2" GYPSUM BOARD

PREFAB. ROOF TRUSS SEE FRAMING PLAN & MANUFACTURER’S SHOP DRAWINGS

"SIMPSON" H4 HURRICANE TIE

ROOF SLOPE CHANGE

3/4" = 1’-0”

07C-7031
1/2" PLYWOOD ROOF DECK - SEE FRAMING PLAN FOR NAILING SCHEDULE

"SIMPSON" HJ HURRICANE TIE

"SIMPSON" HU210 JOIST HANGER

CONTINUOUS BLOCKING

BEAM - SEE FRAMING PLAN

1/2" GYPSUM BOARD

PREFAB. ROOF TRUSS - SEE FRAMING PLAN AND MANUFACTURER'S SHOP DRAWINGS

TRUSS TO BEAM CONNECTION

1" = 1'-0"

07C-7032

Samples from www.AutoCADDetails.net
8" BRICK CAVITY WALL

BRICK TIES @ 24" O.C., STAGGERED

8" BOND BEAM, CROUT SOLID WITH (2) #4 REBAR, TOP AND BOTTOM

26 GAUGE SHEET METAL

4" CANT STRIP

MODIFIED BITUMEN REINFORCED SHEET ROOFING ON PLYWOOD DECK

2 X ROOF JOISTS

LEDGER WITH ANCHOR BOLTS, SEE STRUCTURAL

REGLET AND COUNTERFLASHING

2' MINIMUM
1. "Fry" Type Reglet
2. Fiber Cant Strip
3. Class "A" Built Up Roofing
4. Plywood Sheathing

CANT DETAIL
SCALE: 3" = 1'-0"
1. MECHANICAL EQUIPMENT.
2. MECHANICAL DUCT.
3. 24 GA. FLASHING.
4. FIBER CANT.
5. CLASS "A" BUILT ROOFING PLYWOOD DECK.

VERIFY ROUGH OPENING SIZE W/ MECH. CONT.
1. 3/4” PLYWOOD
2. 15# FELT.
3. 24 GA. FLASHING.
4. FIBER CANT.
5. CLASS "A" BUILT ROOF.
6. 1/2” PLYWOOD.
7. 2 X 8- TAPER CUT TO FIT ROOF SLOPE.

EQUIPMENT BASE

SCALE: 3” = 1’-0”
1. STRUCTURAL SUPPORT.
2. NEOPRENE PAD.
3. CANT STRIP.
4. CAP FLASHING.
5. METAL DECKING.
6. BUILT-UP ROOFING - SEE SPECIFICATIONS.
7. PRIMARY INSULATION.
8. OPTIONAL AIR/VAPOR BARRIER.
9. PLYWOOD.

NOTE: CANT STRIPS ARE NOT REQUIRED WHEN CAP FLASHING OR ALL PLIES ARE THERMOFUSED.
1. Structural Support.
2. Neoprene Pad.
3. Cant Strip.
4. Cap Flashing.
5. Metal Decking.
7. Primary Insulation.
8. Optional Air/Vapor Barrier.

Note: Cant strips are not required when cap flashing or all plies are thermofused.

Equipment Structural Support

1 1/2” = 1’-0”

07C-6004
1. Membrane.
3. Primer.
4. Concrete deck.
5. Sheet flashing.

NOTE: Cracks up to 1/16" require no special treatment.

Concrete Deck Crack Treatment

CRACKS 1/16" - 1/8"

CRACKS 1/8" - 1/2"

3" = 1'-0"
CONCRETE DECK CRACK TREATMENT

3" = 1'-0"

1. MEMBRANE.
2. POLYESTER FABRIC REINFORCEMENT.
3. PRIMER.
4. CONCRETE DECK.
5. SHEET FLASHING.

NOTE: CRACKS UP TO 1/16" REQUIRE NO SPECIAL TREATMENT.
STUCCO SYSTEM

'Z' FLASHING

1/2" O.S.B. ROOF SHEATHING WITH WATERPROOF UNDERLAYMENT PER MANUFACTURER'S SPECIFICATIONS

CLAY ROOFING TILES

1" X CONTINUOUS

CLAY ROOFING TILES

1" = 1'-0"

07C-3001
CLAY ROOFING TILES

1" = 1’-0”

07C-3002
STUCCO SYSTEM

FLASHING

1/2" O.S.B. ROOF SHEATHING

CONCRETE ROOFING TILES WITH WATERPROOF UNDERLAYMENT PER MANUFACTURER'S SPECIFICATIONS

1" X CONTINUOUS

2 X 2 BATTENS

CONCRETE ROOFING TILES 07C-4001

1" = 1'-0"
CONCRETE ROOFING TILES

1" = 1'-0"
1. STRUCTURAL SLIP JOINT.
2. MASONRY WALL.
3. PLYWOOD DECK.
4. CONTINUOUS NAILER.
5. METAL ROOFING SYSTEM.
6. METAL FLASHING BY METAL ROOFING MANUFACTURER.
7. REGLET AND COUNTERFLASHING SURFACE ATTACHED UNDER STUCCO.
8. CEMENT PLASTER.
9. CASING BEAD PARALLEL TO PLANE OF ROOF.
10. 40 MIL ELASTOMERIC MEMBRANE.
1. STANDING SEAM METAL ROOFING SYSTEM.
2. METAL RIDGE/HIP COVER.
3. TURN UP PAN ENDS.
4. CAULK SIDES & BOTTOM OF CLOSURE.
5. NEOPRENE CLOSURE.
6. PLYWOOD DECK.
1. STANDING SEAM METAL ROOF.
2. HOLD DOWN CLEAT.
3. VALLEY GUTTER LINER.
4. CAULK ENDS OF STANDING SEAMS.
5. PLYWOOD DECK.
1. 6" X 2" X 3/16" STEEL TUBE FRAMING.
2. 3/4" PLASTER.
3. 5/8" FIRE TREATED PLYWOOD SHEATHING.
4. 3/4" GYP. BOARD.
5. CASING BEAD.
6. STANDING SEAM METAL ROOFING.
7. CONTINUOUS DRIP EDGE.
8. 6"X 18 GA. STEEL JOISTS AT 12" O.C. W/ 18 GA. STEEL TRACK AT EACH END.

METAL ROOF OVERHANG

1 1/2" = 1'-0"

07C-5004
1. METAL ROOF SYSTEM.
2. (2) LAYERS; 1/2” HIGH DENSITY WATER RESISTANT GYPSUM BOARD.
3. ‘Z’ CHANNELS AT 24” O.C.
4. METAL DRIP EDGE.
5. INDICATES EDGE OF GYPSUM BOARD.
6. ROOF DECK METAL DECKING.

METAL ROOF OVERHANG
SCALE: 1 1/2” = 1’-0”

07C-5005
1. STANDING SEAM METAL ROOF SYSTEM.
2. PAIRED 2X12 FASCIA – BOLTED TO PLATE.
3. ROOF DECK.
4. STEEL BEAM.

5. EXISTING STEEL PLATE.
6. STEEL ANGLE.
7. METAL DRIP FLASHING.

METAL ROOF OVERHANG

SCALE: 3” = 1’-0”

07C-5006
1. PREFORMED METAL ROOF SYSTEM.
2. WOOD BLOCKING.
3. WOOD RIM JOISTS.
4. PLYWOOD SHEATHING.
5. UNFACED THERMAL BATT INSULATION.
6. 2x WOOD NAILER.
7. LAYER; 5/8" TYPE 'X' GYPSUM BOARD AT BOTTOM OF JOISTS.
8. 5/8" TYPE 'X' GYPSUM BOARD.
9. METAL DRIP EDGE - SIMILAR ON ALL SIDES.
1. Masonry Wall.
2. Metal Roofing.
3. Metal Deck.
4. Rigid Insulation.
5. 24 Ga. Drip Edge.

Metal Roof Overhang

Scale: 1 1/2” = 1’-0”

07C-5008
1. MASONRY WALL.
2. FLASHING IN MASONRY
   SAW CUT PARALLEL TO ROOF.
3. 5/8" GYP BOARD OVER
   PLYWOOD SHEATHING.
4. METAL FRAMING.
5. STANDING SEAM METAL ROOFING.
6. LEAD SHIM.
7. SEALANT.

REGLET AT METAL ROOF

SCALE: 1 1/2" = 1'-0"

07C-5009
1. MASONRY WALL.
2. REGLET & COUNTER FLASHING.
3. 12 GA. GI CONT. FLASHING.
4. METAL ROOFING.
5. 3/4" GYP. BOARD.
6. 5/8" FIRE TREATED PLYWOOD DECK.
7. 3/4" PLASTER.

8. 6" X 18 GA. STEEL JOISTS AT 12" O.C. W/ 18 GA. STEEL TRACK AT EACH END.
9. 6" X 2" X 3/16" STEEL TUBE.
10. CONT. 9" X 1/4" STEEL PLATE EMBED.

METAL ROOF FLASHING
SCALE: 1" = 1'-0"
1. MASONRY WALL.
2. PARAPET CAP.
3. RIGID INSULATION
   OVER METAL DECK.
4. STEEL ANGLE LEDGER.
5. METAL ROOFING.

METAL ROOF AT PARAPET

SCALE: 1 1/2” = 1’-0”
1. Masonry Wall.
2. Reglet and Counter Flashing.
3. Rigid Insulation Over Metal Deck.
4. Steel Angle Ledger.
5. Standing Seam Metal Roof.

METAL ROOF AT PARAPET

SCALE: 1 1/2” = 1’-0”

07C-5012
1. Masonry Wall.
2. Reglet & Counter Flashing.
3. 12 Ga. CI Cont. Flashing.
4. Rigid Insulation.
5. Metal Deck.
6. Cont. Steel Bent Plate Bolted to Wall.
7. Metal Roofing.
1. LEDGER.
2. MASONRY WALL.
3. PLYWOOD DECK.
4. 1-1/2" DEEP X 3/8" WIDE SAWCUT, CONTINUOUS PARALLEL TO PLANE OF ROOF.
5. METAL ROOFING SYSTEM.
6. METAL FLASHING BY METAL ROOFING MANUFACTURER.
7. REGLET AND COUNTERFLASHING.
8. 40 MIL ELASTOMERIC MEMBRANE.
1. CEMENT 3/4” PLASTER.
2. 3/8” FIRE TREATED PLYWOOD SHEATHING.
3. 3/4” FIRE TREATED PLYWOOD SHEATHING.
4. 5/8” GYP. BOARD.
5. METAL STUD FRAMING.
6. METAL ROOFING.
7. REGLET AND FLASHING.
1. Plywood Sheathing.
2. Standing Seam Panel System.
3. Cont. Tape Sealant Between Hook Strip and Drip Flashing. Nail Through Point of Flashing at 12" O.C.
4. Metal Hook Strip.
5. Modify Panel End to Create Hook.
6. Metal Drip Flashing.
7. Metal Soffit Trim.
8. Sealant & Backer Rod.
10. 3/4" Cement Plaster on Metal Lath.
11. Face of Fascia Framing.

**Metal Roof Fascia**

3" = 1'-0"
1. CEMENT PLASTER ON METAL LATH & PLYWOOD SHEATHING OVER 2X WOOD FRAMING.
2. PLYWOOD BLOCKING.
3. METAL COUNTERFLASHING.
4. METAL FLASHING.
5. METAL Z-CLOSURE.
6. POP RIVET FLASHING TO Z-CLOSURE AT 24" O.C. MAX.
7. STANDING SEAM ROOF PANEL SYSTEM.
8. PLYWOOD ROOF DECK.
9. CONT. TAPE SEALANT BETWEEN FLASHING & Z-CLOSURE, AND BETWEEN Z-CLOSURE & ROOF PANEL.
10. CAULK BACK SIDE OF Z-CLOSURE AGAINST STANDING SEAM.

NOTE: ALL METAL REGLETS, FLASHING, COUNTERFLASHING AND Z-CLOSURES TO BE FINISHED TO MATCH ROOF PANEL SYSTEM.
1. Metal roof system over plywood deck.
2. 5/8" Type "A" Gyp. board in 4 ft. wide sheets installed perpendicular to steel roof deck with joints staggered and occurring over the crests of roof deck. Secure to deck with adhesive bearing U.L. classification marking.
3. 1-1/2" minimum thickness steel roof deck.
4. Cementitious sprayed-on fire-proofing – minimum 7/8" thick over both steel beam and steel deck.

Note: Detail provides one-hour fire resistive rating for beam and deck per U.L. #710.
1. 2 X 4 WOOD NAILER.
2. INSULATION.
3. METAL FRAME SUPPLIED WITH UNIT.
4. FIBER CANT STRIP SET IN BITUMEN.
5. WOOD BLOCKING FASTENED TO DECK.
6. METAL DECKING.
7. BASE FLASHING.
8. COUNTERFLASHING EXTENDED DOWN TO PROTECT AGAINST FOOT DAMAGE.
9. COUNTERFLASHING FASTENED APPROXIMATELY 18” O.C.
10. FLASHING RECEIVER.

EQUIPMENT CURB

1” = 1’-0”
1. SOLDER.
2. RIVET.
3. BUTTON PUNCH.
4. COPPER ROOFING.

COPPER ROOFING SEAMS

N.T.S.

07C-5020
1. SOLDER.
2. RIVET.
3. BUTTON PUNCH.
4. COPPER ROOFING.

COPPER ROOFING SEAMS

N.T.S.

07C-5020
1. METAL WALL PANEL.
2. 6” Ø STEEL PIPE GUARD FILLED WITH CONCRETE.
3. EXPANSION JOINT BELOW.
4. 20 GAUGE SHEET METAL CLOSURE.
5. R-10 RIGID INSULATION.
6. GUIDE TRACK.
7. PERIMETER WEATHERSTRIPPING.
8. WALL PANEL JAMB TRIM.
9. INSULATED OVERHEAD SECTIONAL DOOR.

SECTIONAL DOOR JAMB

3” = 1’-0”

07C-5021
1. METAL WALL PANEL.
2. 6" φ STEEL PIPE GUARD Filled with concrete.
3. EXPANSION JOINT BELOW.
4. 20 GAUGE SHEET METAL CLOSURE.
5. R-10 RIGID INSULATION.
6. GUIDE TRACK.
7. PERIMETER WEATHERSTRIPPING.
8. WALL PANEL JAMB TRIM.
9. INSULATED OVERHEAD SECTIONAL DOOR.

SECTIONAL DOOR JAMB
3" = 1'-0"
1. METAL WALL PANEL.
2. 6" STEEL PIPE GUARD FILLED WITH CONCRETE.
3. EXPANSION JOINT BELOW.
4. 20 GAUGE SHEET METAL CLOSURE.
5. R-10 RIGID INSULATION.
6. PERIMETER WEATHERSTRIPPING.
7. WALL PANEL JAMB TRIM.
8. INSULATED OVERHEAD SECTIONAL DOOR.
9. SECTIONAL DOOR JAMB

07C-5022
1. METAL WALL PANEL.
2. 6” Ø STEEL PIPE GUARD FILLED WITH CONCRETE.
3. EXPANSION JOINT BELOW.
4. 20 GAUGE SHEET METAL CLOSURE.
5. R-10 RIGID INSULATION.
6. ?
7. PERIMETER WEATHERSTRIPPING.
8. WALL PANEL JAMB TRIM.
9. INSULATED OVERHEAD SECTIONAL DOOR.
1. STEEL GIRT.
2. TORSION SPRING ASSEMBLY.
3. INSULATED METAL WALL PANEL.
4. SHEET METAL CLOSURE, PAINT TO MATCH WALL PANELS, FILL VOID WITH BATT INSULATION.
5. METAL HEAD FLASHING WITH DRIP.
6. STEEL GIRT PAINTED TO MATCH EDGE TRIM.
7. WEATHER SEAL AT HEAD.
8. STEEL SECTIONAL.
9. INSULATED STEEL SECTIONAL DOOR.

SECTIONAL DOOR HEAD

1" = 1' - 0"
1. STEEL GIRT.
2. TORSION SPRING ASSEMBLY.
3. INSULATED METAL WALL PANEL.
4. SHEET METAL CLOSURE, PAINT TO MATCH WALL PANELS, FILL VOID WITH BATT INSULATION.
5. METAL HEAD FLASHING WITH Drip.
6. STEEL GIRL PAINTED TO MATCH EDGE TRIM.
7. WEATHER SEAL AT HEAD.
8. STEEL SECTIONAL.
9. INSULATED STEEL SECTIONAL DOOR.
1. STEEL GIRT BELOW – SEE STRUCTURAL.
2. ELASTOMERIC BELLOWS.
3. SHEET METAL CLOSURE – FASTEN TO ONE SIDE ONLY.
4. FIBERGLASS BATT INSULATION.
5. INSULATED METAL WALL PANEL.
6. PREFINISHED ALUMINUM EXPANSION JOINT COVER – FASTEN TO ONE SIDE ONLY, MATCH WALL COLOR.

WALL PANEL EXPANSION JOINT

3” = 1’-0”
1. STEEL GIRT BELOW – SEE STRUCTURAL.
2. ELASTOMERIC BELLOWS.
3. SHEET METAL CLOSURE – FASTEN TO ONE SIDE ONLY.
4. FIBERGLASS BATT INSULATION.
5. INSULATED METAL WALL PANEL.
6. PREFINISHED ALUMINUM EXPANSION JOINT COVER – FASTEN TO ONE SIDE ONLY, MATCH WALL COLOR.

WALL PANEL EXPANSION JOINT

3” = 1’-0”
1. Aluminum base flashing with drip edge.
2. Sealant No. 2 or 4.
3. Steel girt – typical position where windows do not exist.
4. 16 gauge galvanized sheet metal closure, paint to match C.M.U. wainscot.
5. Fill void with fiberglass insulation.
6. 8" C.M.U. block cut to 4", grouted full.
7. 8" C.M.U. wainscot.
8. Factory finished insulated metal wall panel.
9. Aluminum sill flashing with drip anchor with continuous hold down clip at drip edge.
11. 4" C.M.U. wainscot.
12. R-11 batt insulation.
1. Aluminum base flashing with drip edge.
2. Sealant No. 2 or 4.
3. Steel girt – typical position where windows do not exist.
4. 16 gauge galvanized sheet metal closure, paint to match C.M.U. wainscot.
5. Fill void with fiberglass insulation.
6. 8” C.M.U. block cut to 4”, grouted full.
7. 8” C.M.U. wainscot.
8. Factory finished insulated metal wall panel.
9. Aluminum sill flashing with drip anchor with continuous hold down clip at drip edge.
10. Treated wood blocking anchored to 4” C.M.U. with 3/8” expanding bolts at 16” O.C. (typical).
11. 4” C.M.U. wainscot.
12. R-11 batt insulation.
1. ANGLE IRON FRAME ALL AROUND OPENING. TAPER TO CREATE LEVEL INSTALLATION.
2. METAL DUCT—SEE MECHANICAL.
3. FAN UNIT—SEE MECHANICAL.
4. 4" CANT STRIP.
5. MEMBRANE ROOFING OVER LIGHTWEIGHT FILL OVER 1 1/2" METAL DECKING.
6. 18 GA. SHEET METAL CURBING W/ 4" FLANGE. BOLT TO FRAME @ 12" O.C. ALL AROUND.

EXHAUST FAN CURB
SCALE: 3" = 1'-0"
1. 24 GA SHEET METAL CONE W/ BASE PLATE.
2. MEMBRANE ROOFING OVER LIGHTWEIGHT FILL OVER 1 1/2" METAL DECKING.
3. LAP IN MEMBRANE ROOFING OVER BASE PLATE.
4. CONDUIT.
5. WRAP CONDUIT CONE CONNECTION W/ NEOPRENE STRIP AND SECURE W/ HOSE CLAMP.
6. SECURE CONDUIT TO DECKING.
1. PLUMBING VENT PIPE.
2. 3.5# LEAD FLASHING SLEEVE
   WITH SQ. BASE PLATE.
   ROLL OVER INTO VENT PIPE
   1/2" DEEP (MIN).
3. MEMBRANE ROOFING OVER
   LIGHTWEIGHT FILL OVER
   METAL DECK.
4. LAP IN ROOF MEMBRANE
   OVER LEAD BASE PLATE
   AND SEAL.

VENT THRU ROOF

SCALE: 3” = 1’-0”

07C-8003
1. MASONRY WALL.
2. REGLET & COUNTER FLASHING.
3. 12 GA. CI CONT. FLASHING.
4. 4" CANT STRIP.
5. MEMBRANE ROOFING OVER LIGHTWEIGHT FILL OVER 1 1/2" METAL DECKING.

ROOFING EXPANSION JOINT

SCALE: 3" = 1'-0"

07C-8004
1. SINGLE PLY MEMBRANE ROOFING.
2. TAPERED RIGID INSULATION.
3. 10" X 16 GA. STEEL CHANNEL ROOF JOISTS.
4. FIBERGLASS BATT INSULATION.
5. 2 LAYERS 5/8" TYPE "X" GYPSUM BOARD. FIRE TAPE ALL JOINTS AND FASTENERS.

SIMILAR TO U.L. DESIGN NO. P512.
1. 10" x 16 GA. STEEL CHANNEL ROOF JOIST @ 24" O.C.
2. SINGLE PLY MEMBRANE ROOF OVER TAPERED INSULATION.
3. 24" X 24" LAY-IN ACOUSTICAL CEILING PANELS.
4. STEEL SUSPENDED CEILING FRAMING MEMBERS.
5. 12 SWG GALVANIZED HANGER WIRE SPACED @ 48" O.C. ALONG MAIN RUNNERS.
6. 28 MSG SPRING STEEL HOLD DOWN CLIPS @ 24" O.C.

SIMILAR TO U.L. DESIGN NO. G241

1 HOUR SUSPENDED CEILING

1" = 1'-0"

07C-8006
1. 1/2" EXTERIOR GRADE PLYWOOD.
2. 4" X 18 GAUGE METAL STUDS @ 24" O.C.
3. (3) SHEET METAL SCREWS AT 1 1/2" LONG – TYPICAL.
4. 3" X 3" X 1/4" CONTINUOUS ANGLE WITH 3/4" N.S. @ 24" O.C.
5. (2) #5 REBAR CONTINUOUS.
6. STEEL PLATE JOIST SEAT IN WALL POCKET – SEE STRUCTURAL.
7. 4" X 13 GAUGE METAL STUD RAIL BLOCK.
8. 8" CMU WALL.
9. 1/2" CLEAR.
10. 4" X 18 GAGE CONTINUOUS BOTTOM TRACK - DO NOT ATTACH TO ROOF DECK.
11. 1" RIGID INSULATION.
12. TAPERED RIGID INSULATION.
13. CEMENT STUCCO OVER METAL LATH.
14. COPPER FOILED ASPHALT COMPOSITION SHINGLES OVER 30 lb. ROOFING FELT.
15. COPPER FLASHING.
16. SINGLY PLY MEMBRANE ROOFING.

PARAPET WALL

3/4" = 1'-0"
1. 1/2" EXTERIOR GRADE PLYWOOD.
2. 4" X 18 GAUGE METAL STUDS @ 24" O.C.
3. (3) SHEET METAL SCREWS AT 1 1/2" LONG - TYPICAL.
4. 3" X 3" X 1/4" CONTINUOUS ANGLE WITH 3/4" N.S. @ 24" O.C.
5. (2) #5 REBAR CONTINUOUS.
6. STEEL PLATE JOIST SEAT IN WALL POCKET - SEE STRUCTURAL.
7. 4" X 13 GAUGE METAL STUD RAIL BLOCK.
8. 8" CMU WALL.
9. 1/2" CLEAR.
10. 4" X 18 GAGE CONTINUOUS BOTTOM TRACK - DO NOT ATTACH TO ROOF DECK.
11. 1" RIGID INSULATION.
12. TAPERED RIGID INSULATION.
13. CEMENT STUCCO OVER METAL LATH.
14. COPPER FOILED ASPHALT COMPOSITION SHINGLES OVER 30 lb. ROOFING FELT.
15. COPPER FLASHING.
16. SINGLY PLY MEMBRANE ROOFING.
WOOD ROOFING SHINGLES

1" = 1'-0"

STUCCO SYSTEM

"Z" FLASHING

1/2" O.S.B. ROOF SHEATHING

WOOD SHINGLES WITH WATERPROOF UNDERLAYMENT PER MANUFACTURER’S SPECIFICATIONS

1" X CONTINUOUS

07C-2001