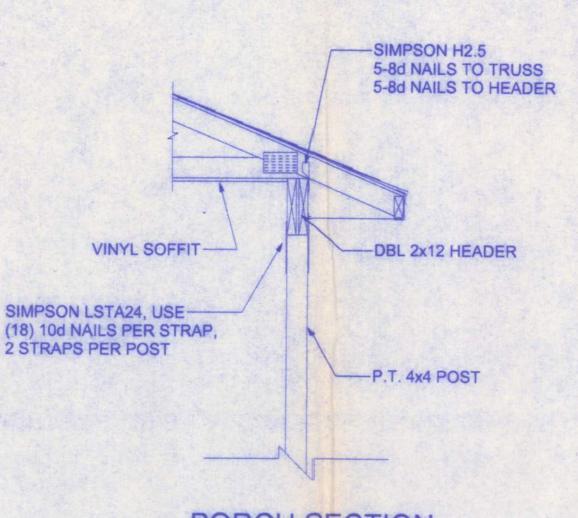
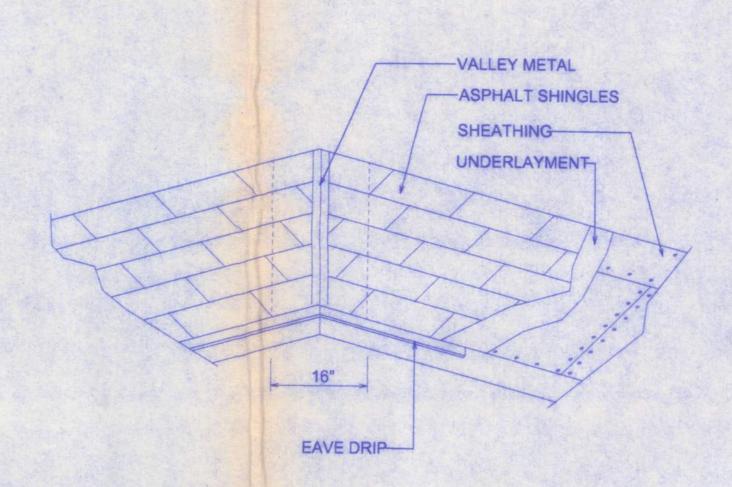


PROJECT NO.



PORCH SECTION SCALE: 3/4" = 1'-0"

SEE SECTIONS (A & B), SHEET A-7 FOR SPECIFIC INFORMATION ON CONNECTION OF POST TO FRONT AND REAR PORCHES.



FLASHING PLACED UP\$LOPE FROM EXPOSED EDGE OF SHINGLE **EXTENDING 4 INCHES OVER** UNDERLYING SHINGLEAND 4 INCHES UP VERTICAL WALL

LUNDERLAYMENT TURNED UP VERTICAL WALL MIN. 4 INCHES MIN. 2" OVERLAP-

PER MFGR. RECOMMENDATIONS OVER #15 FELT 1/2" O.S.B. ROOF SHEATHING INSTALLED OVER ENG. WOOD TRUSSES @ 24" O.C.

2x4 SUBFASCIA ALUM DRIP EDGE ALUM FASCIA **ALUM VENTED SOFFIT** COMMON BRICK

-COMPOSITE SHINGLES INSTALLED

PERPENDICULAR TO ROOF TRUSSES

WITH 8d COMMON NAILS @ 6" O.C. ON

EDGES AND 12" O.C. IN FIELDS

SEE CONNECTOR SCHEDULE

FOR TRUSS ANCHORAGE

WITH STAGGERED END JOINTS. NAILED

W/ GALV WALL TIES 7/16" OSB WALL SHEATHING FASTEN W/ 8d COMMON @ 6" O.C. EDGES / 12" O.C. INT TO -NO. 15 FELT 2 x 4 #2 SPF GRADE OR BTR. STUDS @ 16" O.C. PROVIDE WEEP HOLES @ 48" O.C.

P.T. PLATE ANCHORED WITH A307 X 1/2" ANCHOR BOLT -W/2" WASHER @ 6" FROM CORNERS AND 48" O.C.

TO MATCH EXISTING ELEVATION

8" CMU STEMWALL REINF. WITH #5 DOWELS IN FULLY GROUTED CELLS @ CORNERS AND 8'-0" O.C. 20" x 10" FOOTING REINF. WITH 2-#5's CONT. 12" MIN DISTANCE BELOW GRADE

TYPICAL WALL SECTION 3/4" = 1'-0"

20"

R-30 BATT OR

**BLOWN INSULATION-**

1/2" GYP. BD. CEILING

1/2" GYP. BD.

R-13 BATT

EXISTING FLOOR SYSTEM TO

PLAN AND DETAIL SHEET (A-7)

REMAIN IN TACT. SEE FOUNDATION

FOR MORE DETAILED INFORMATION.

INSULATION

TAPED AND PAINTED

TAPED AND SPRAYED-

NOTE: SEE SECTIONS (A & B), SHEET A-7 FOR SPECIFIC INFORMATION ON FOUNDATION AND STEMWALL DESIGN.

(20) 10d NAILS MINIMUM— (20) 10d NAILS MINIMUM 10d NIALS AT 16" O.C. -ELSEWHERE

> TOP PLATE SPLICE DETAILS SCALE: 1/2" = 1'-0"

**DECK REQUIREMENTS:** ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DOUBLE UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT: UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM WITH ASTM D 226, TYPE 1, OR ASTM D 4869, TYPE 1.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET: SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY WITH ASTM D 1970.

ASPHALT SHINGLES: ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

FASTENERS: FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE ROOF SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT: ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR M-DC PA 107-95.

UNDERLAYMENT APPLICATION: FOR ROOF SLOPES FORM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS: 1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS: STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS: BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEYS: VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.

1. FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16 INCHES WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN TABLE 1507.3.9.2. 2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.

3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING: 1. BOTH TYPES 1 AND 2 ABOVE, COMBINED

2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224. 3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.

MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGH (LB)
COPPER	<b>为</b> 科烈之为67		1
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0179	26 (ZINC COATED G90)	Apple 5
ZINC ALLOY LEAD PAINTED TERNE	0.027		2 1/2 20