FRAMING PLAN (TYPICAL)

NOTE:
- THESE DIMENSIONS VARY PER PLAN TYPE. SEE THIS SHEET FOR SPECIFIC DIMENSIONS.

ROOF PLAN (TYPICAL)

NOTE:
- METAL ROOF WITH 1" STANDING SEAMS & 17" O.C. NOTE: OFFSET SEAMS AT RIDGES AND HIP CONDITIONS.

- STEEL PLATE WELDED TO TOP OF STEEL PIPE COLUMN

- 8"x8" ANGLE CONNECTOR MITERED AT CORNERS

- 2"x2"x1/4" SQ. TUBE STEEL ROOF FRAMING MEMBERS, HEADED TO CHANNELS W/ 1/8" FILLET WELDS, TYP. GRIND ALL WELDS SMOOTH.

- CENTER 2"x2"x1/4" SQ. TUBE STEEL ROOF FRAMING MEMBERS ON COLUMNS (TYPICAL)

- ALL EXPOSED STEEL & CAST IRON TO BE PAINTED BLACK.

NOTE:
- ROOF DIMENSIONS VARY PER PLAN TYPE. SEE THIS SHEET FOR SPECIFIC PLAN DIMENSIONS.
EXTEND UNDERLAYMENT DOWN FACE OF TUBE STEEL BEHIND METAL DRAIN/EDGE FLASHING

2'X6' T&G DECKING SCREW ATTACHED TO TUBE FRAMING.

2'X2'X1/2' SQ. STEEL TUBE CENTERED ON COL. BETWEEN TRUSSES (TYP)

CHANNEL: MC 8x18.7

BASE PLATE: 3/4x8x8

B SECTION

A-3

COLUMN: 2 1/2' XX-STRONG (2.88" O.D.)

BASE PLATE: 3/4x8x8

ANCHOR RODS: (4) 3/4" A307 A HEADED

CONCRETE SLAB: 4" THK, 3000 PSI

WWR: 6x6 W2.9/2.9

24" SQUARE BLOCKOUT @ EACH COLUMN (TYPICAL)

3" MIN. COVERAGE

COLD JOINT (TYPICAL)

4" OF 825B STONE COMPACTED TO 98% SPD

UNDISTURBED GROUND

LEVELING NUTS

(4) #5 EW

3" CLEAR MIN.

4 1/2"

SQUARE FOOTING

1 1/2"

GROUT

1 1/2"

FIN. FLR

4"

3"

1 1/2"

1 1/2"

1 1/2"

NOTE: COORDINATE WITH ELECTRICAL FOR CONDUIT LOCATION REQUIRING HOLE IN COLUMN BASE PLATE. (TYPICAL)

THE UNIVERSITY OF ALABAMA

SECTION

BUS SHELTER CONCEPT DESIGN GUIDELINES

Sheet: A-3

Issue date: 7/13/10

Sheet: 3 of 5
Steel tube roof framing members, welded to channels w/ 3/8" fillet welds, t yp. grind all welds smooth. (See structural.) Metal roof w/ standing seams @ 17° c.

2" x 6" TIG decking screw attached to tube steel roof framing. Paint exposed decking.

Steel channel: MC 6 x 8 x 7

Steel column cap plate: 8" x 8" x 1/4", welded to channel. All welds to be ground smooth.

Steel pipe column: 2 3/8" x 8"-strong (2.00" O.D.), welded to cap. All welds to be ground smooth, t yp. all connections.

NOTE: All exposed steel & cast iron to be painted black.

24" square blockout @ each column (t yp.)

4" of 325# stone compacted to 98# SPD undisturbed ground

1/2" 2" x 2" x 1/4" sq. tube steel framing hemmed edge

Light fixture (see electrical)