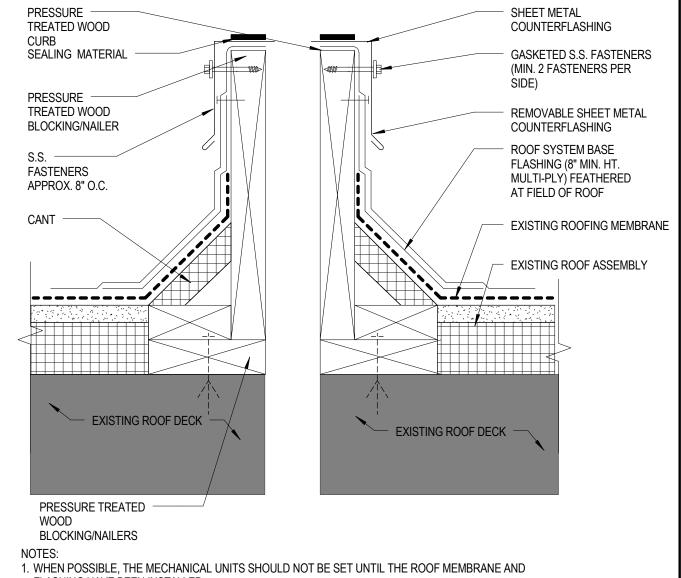
BBCH Protective Environment Maine Medical Center

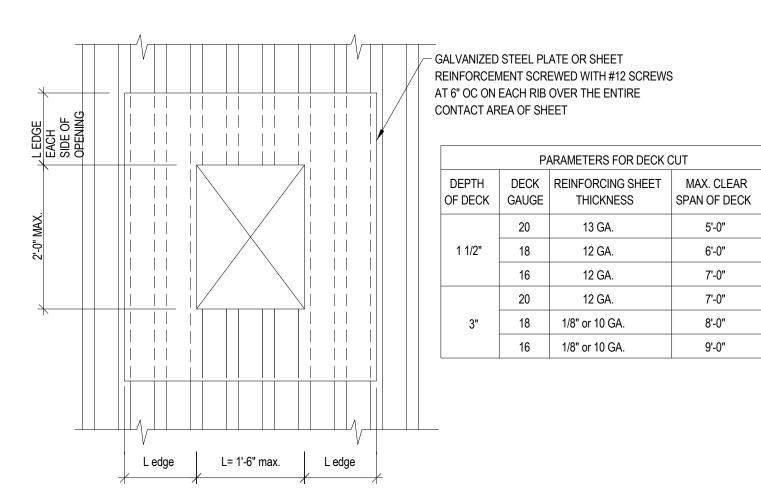
22 Bramhall Street, Portland, ME 04102

MEP ENGINEER AKF ENGINEERS 41 Farnsworth Street, 3rd Floor Boston, MA 02210 t 617.737.1111 f 617.737.4311



FLASHING HAVE BEEN INSTALLED.

ROOF DETAIL - DUCT PENETRATION CURB
3" = 1'-0"



ROOF DETAIL - PIPE FLASHING
3" = 1'-0"

NOTE: NO REINFORCEMENT NEEDED WHERE "L" IS 6 INCHES OR LESS. FOR OPENINGS UP TO 1'-6" PERPENDICULAR TO DECK

1. L EDGE = 1'-0" MIN.

PIPE SIZE PER M/P DOCUMENTATION

NON HARDENING SEALANT BETWEEN

HOOD AND PIPE

1" X 1/4" DRAWBAND

SLEEVE W/ FLANGE

ROOFING CEM.

1 LAYER OF WP OVER FLASHING

EXISTING ROOF SYSTEM -

NON-BITUMINOUS SEALANT AND BACKING WHERE GAP EXISTS

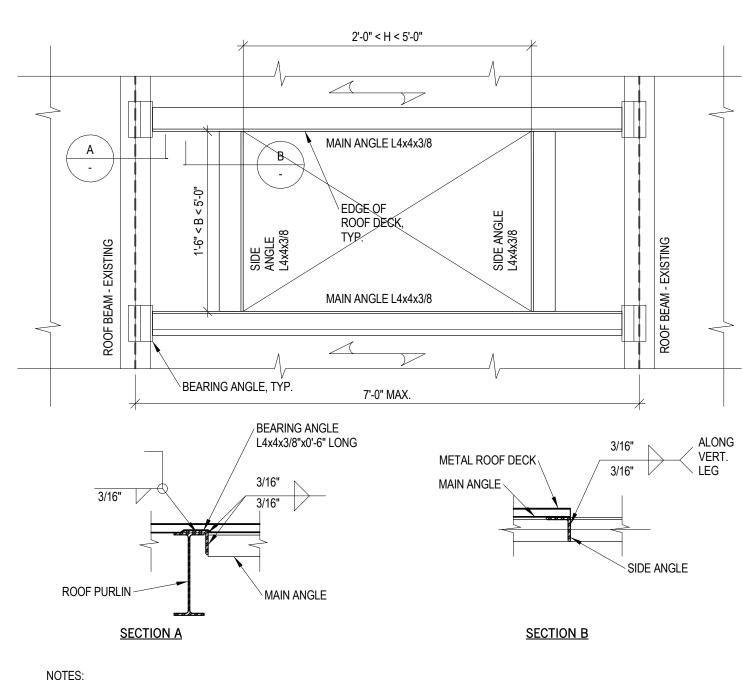
ROUGH OPNG IN -

ROOF 1" LARGER THAN DIA OF PIPE

ALL AROUND

- 2. DETAIL DOES NOT APPLY TO OPENINGS SHOWN ON PLAN WITH STEEL SUBFRAMING. 3. FOR OPENINGS CUT IN THE FIELD, NOT SHOWN ON PLAN, AND EXCEEDING THE MAXIMUM SPAN LIMITS, ADD SUBRAMING PER TYPICAL FLOOR OPENING DETAILS. DETAIL APPLIES TO OPENINGS SPACED NO CLOSER THAN 5'-0" CLEAR IN DIRECTION TRANSVERSE TO DECK RIBS AND NO CLOSER THAN 10'-0" CLEAR IN DIRECTION
- PARALLEL TO RIBS. REVIEW SPECIFIC CONDITIONS WITH SER THAT MIGHT ALLOW MODIFICATIONS TO THE SPECIFIED PARAMETERS OF THE DETAIL.

ROOF DECK OPENING REINFORCEMENT



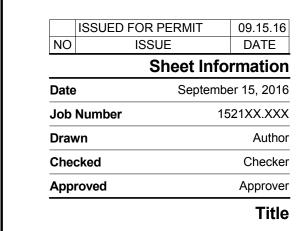
1. ADVISE SER IF OPENING EXCEEDS DIMENSION LIMITS SHOWN. 2. ROOF DECK MUST BE FASTENED TO SUBFRAMING ANGLES AS SHOWN IN TS-28. 3. TOPS OF MAIN AND SIDE ANGLES ARE FLUSH WITH TOP OF ROOF STEEL. 4. SUBFRAMING IS DESIGNED FOR EQUIVALENT 100 PSF LIVE LOAD AND NET 30 PSF

WIND SUCTION. 5. CONTRACTOR MAY ELECT TO OMIT BEARING ANGLES AND COPE VERTICAL LEG OF MAIN ANGLES SUCH THAT THEY BEAR AT LEAST 4" ON TOP FLANGE OF ROOF BEAMS. 6. CONTRACTOR MAY ELECT TO FABRICATE ANGLE FRAMES IN FIELD.

SUBFRAMING FOR ROOF OPENING LARGER THAN 2'-0" x 1'-6"

ROOF DECK OPENING REINFORCEMENT

3/4" = 1'-0"



Revisions

PENETRATION AND SUPPORT **DETAILS**

A11-50

Copyright © 2015 Perkins+Will