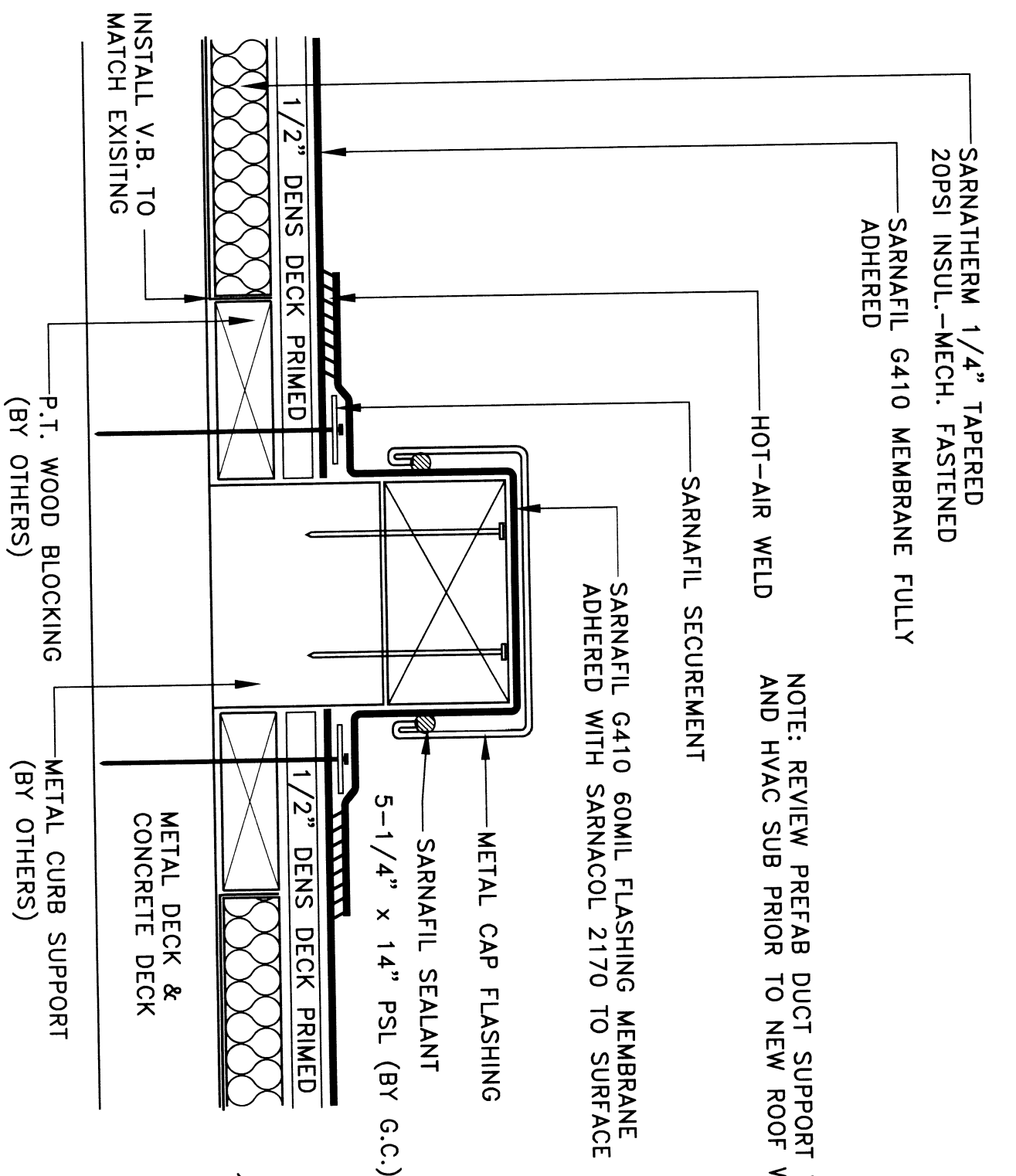


SELF-FLASHING UNIT
 ADDITIONAL WOOD BLOCKING, IF REQUIRED (TO ACHIEVE AN 8 IN. MIN. FLASHING HEIGHT)
 GROMMETTED FASTENER 12 INCHES O.C.
 SARNAFIL SEALANT
 METAL EXTENDER PIECE IF REQUIRED (SEE NOTE)
 SARNAFIL G410 60MIL FLASHING ADHERED WITH SARNACOL 2170 TO SUBSTRATE
 SARNAFIL #12 FASTENER & 3" INSUL. PLATE - SECUREMENT
 HOT-AIR WELD
 SARNAFIL G410 MEMBRANE FULLY ADHERED
 1/2" DENS DECK PRIMED
 METAL DECK

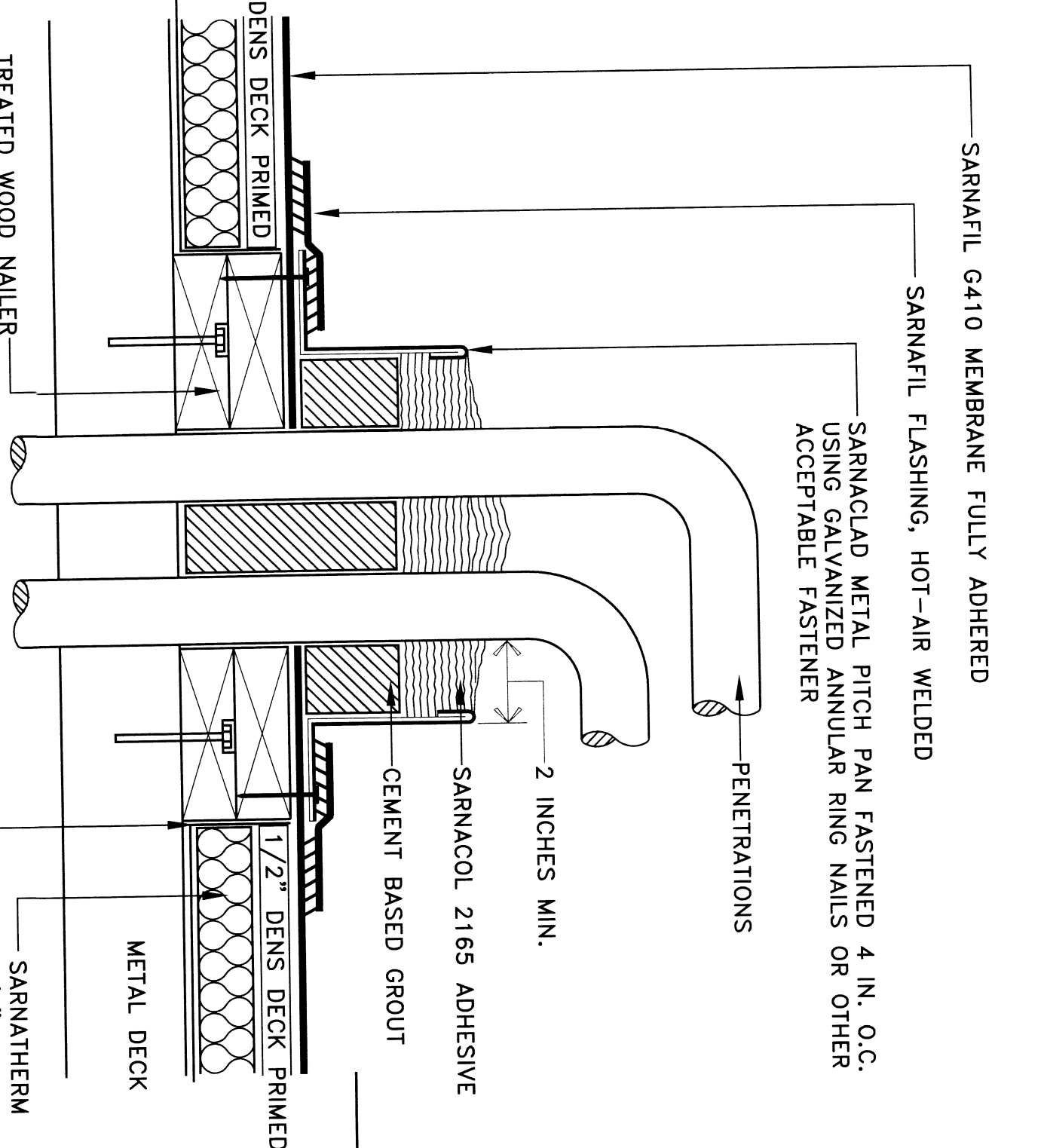
REMOVABLE CURB FLASHING



SARNATHERM 1/4" TAPERED 20PSI INSUL.-MECH. FASTENED
 SARNAFIL G410 MEMBRANE FULLY ADHERED
 HOT-AIR WELD
 SARNAFIL G410 60MIL FLASHING ADHERED WITH SARNACOL 2170 TO SURFACE
 METAL CAP FLASHING
 SARNAFIL SEALANT
 5-1/4" x 14" PSL (BY G.C.)
 METAL CURB SUPPORT
 METAL DECK & CONCRETE DECK
 1/2" DENS DECK PRIMED
 P.T. WOOD BLOCKING (BY OTHERS)
 INSTALL V.B. TO MATCH EXISTING

EQUIPMENT SUPPORT

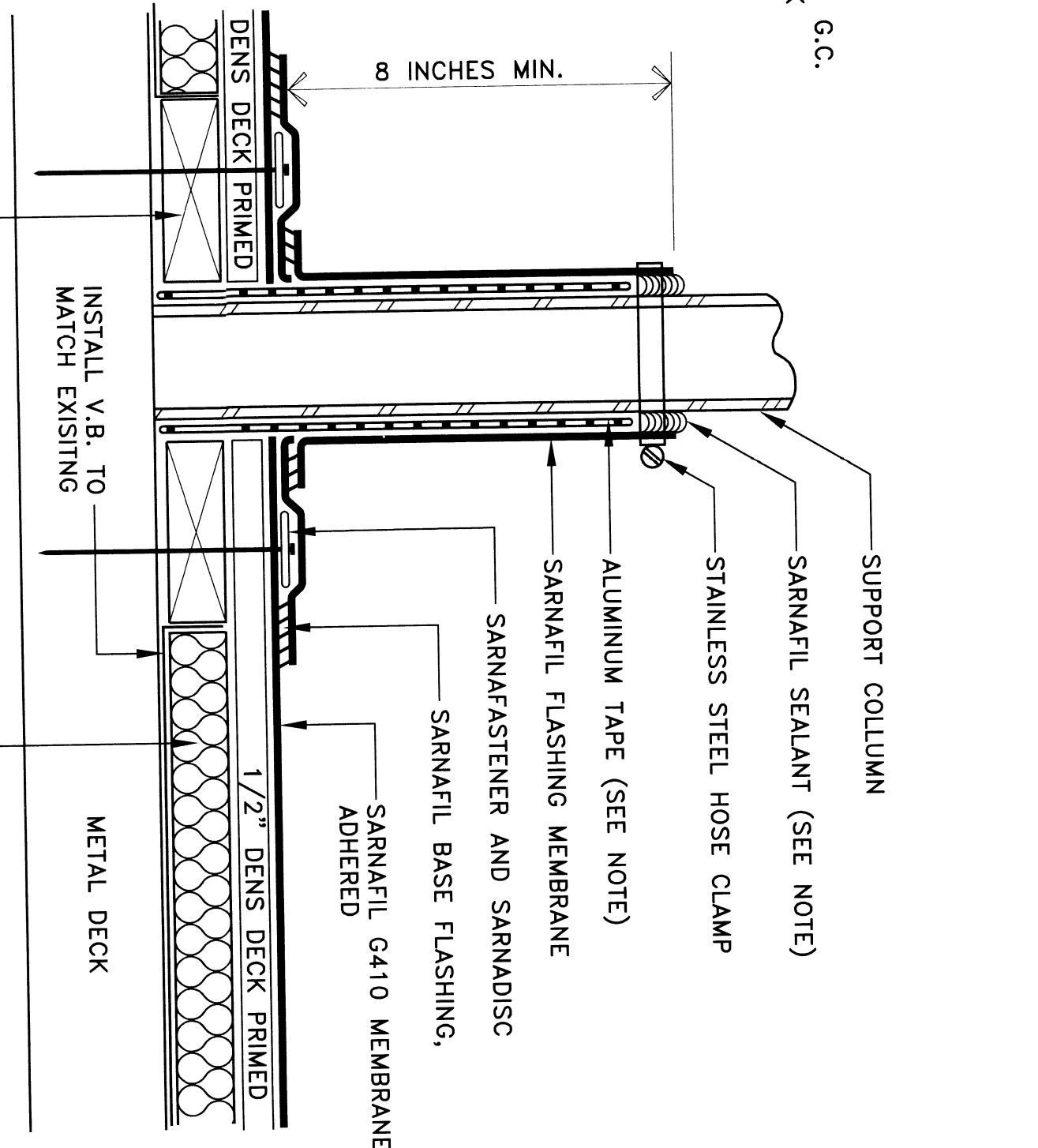
NOTE:
 1) NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A FORCE OF 300 POUNDS PER LINEAL FOOT IN ANY DIRECTION.
 2) VAPOR BARRIER SHALL BE SEALED AT EDGES.
 SCALE: N.T.S. - REFER TO ARCH. DETAILS 9 & 14 ON D-A-127/290-08-001594-A19.



SARNAFIL G410 MEMBRANE FULLY ADHERED
 SARNACOL METAL PITCH PAN FASTENED 4 IN. O.C. USING GALVANIZED ANNULAR RING NAILS OR OTHER ACCEPTABLE FASTENER
 PENETRATIONS
 2 INCHES MIN.
 SARNACOL 2165 ADHESIVE
 CEMENT BASED GROUT
 1/2" DENS DECK PRIMED
 METAL DECK
 TREATED WOOD NAILER
 INSTALL V.B. TO MATCH EXISTING (BY OTHERS)

PITCH POCKET

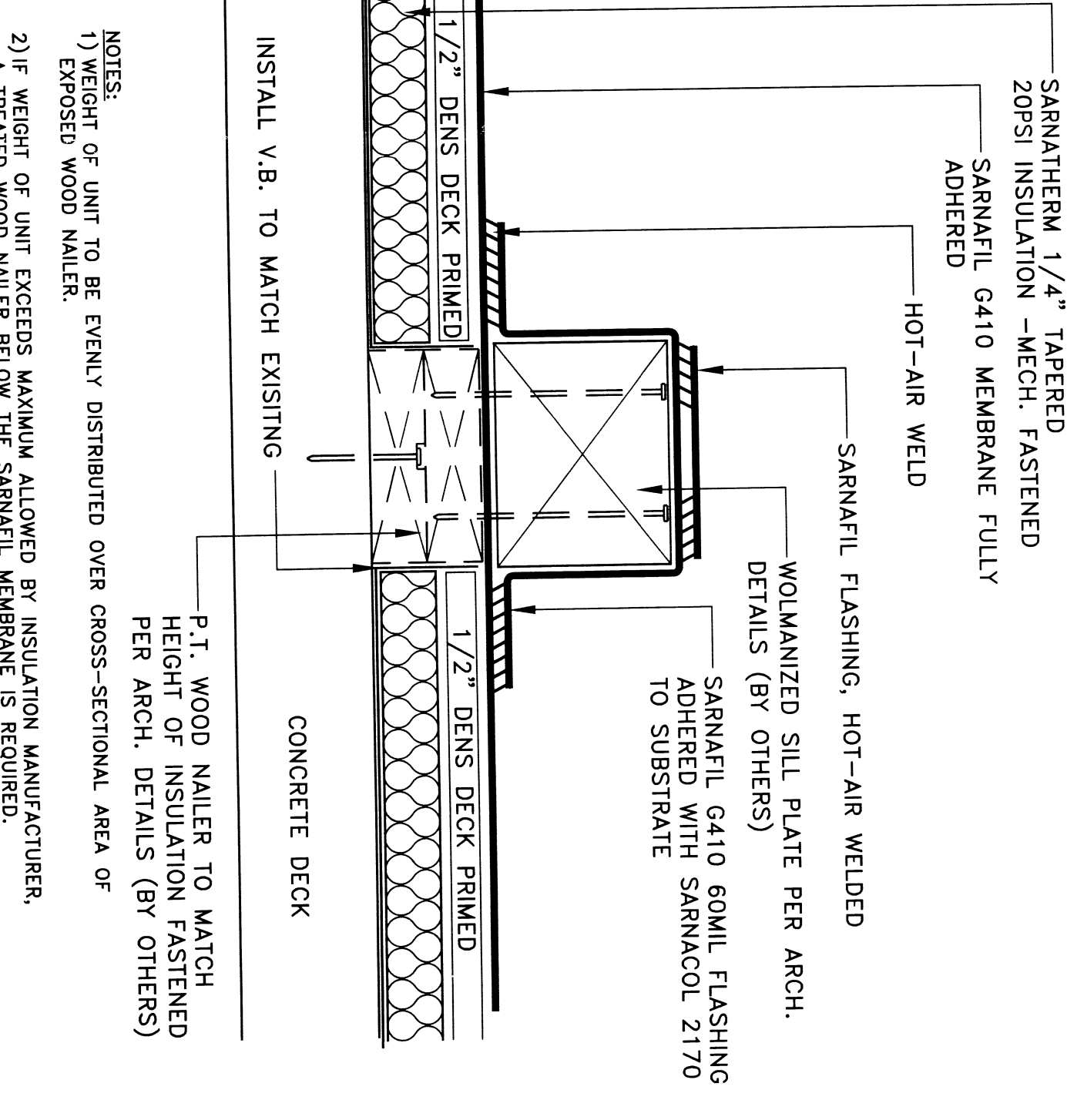
SCALE: N.T.S. - REFER TO ARCH. DETAILS 5 ON D-A-127/290-08-001594-A18.



SUPPORT COLUMN
 SARNAFIL SEALANT (SEE NOTE)
 STAINLESS STEEL HOSE CLAMP
 ALUMINUM TAPE (SEE NOTE)
 SARNAFIL FLASHING MEMBRANE
 SARNAFASTENER AND SARNADISC
 SARNAFIL BASE FLASHING, ADHERED
 SARNAFIL G410 MEMBRANE FULLY ADHERED
 1/2" DENS DECK PRIMED
 METAL DECK
 P.T. WOOD BLOCKING (BY OTHERS)
 INSTALL V.B. TO MATCH EXISTING

SUPPORT COLUMN FLASHING

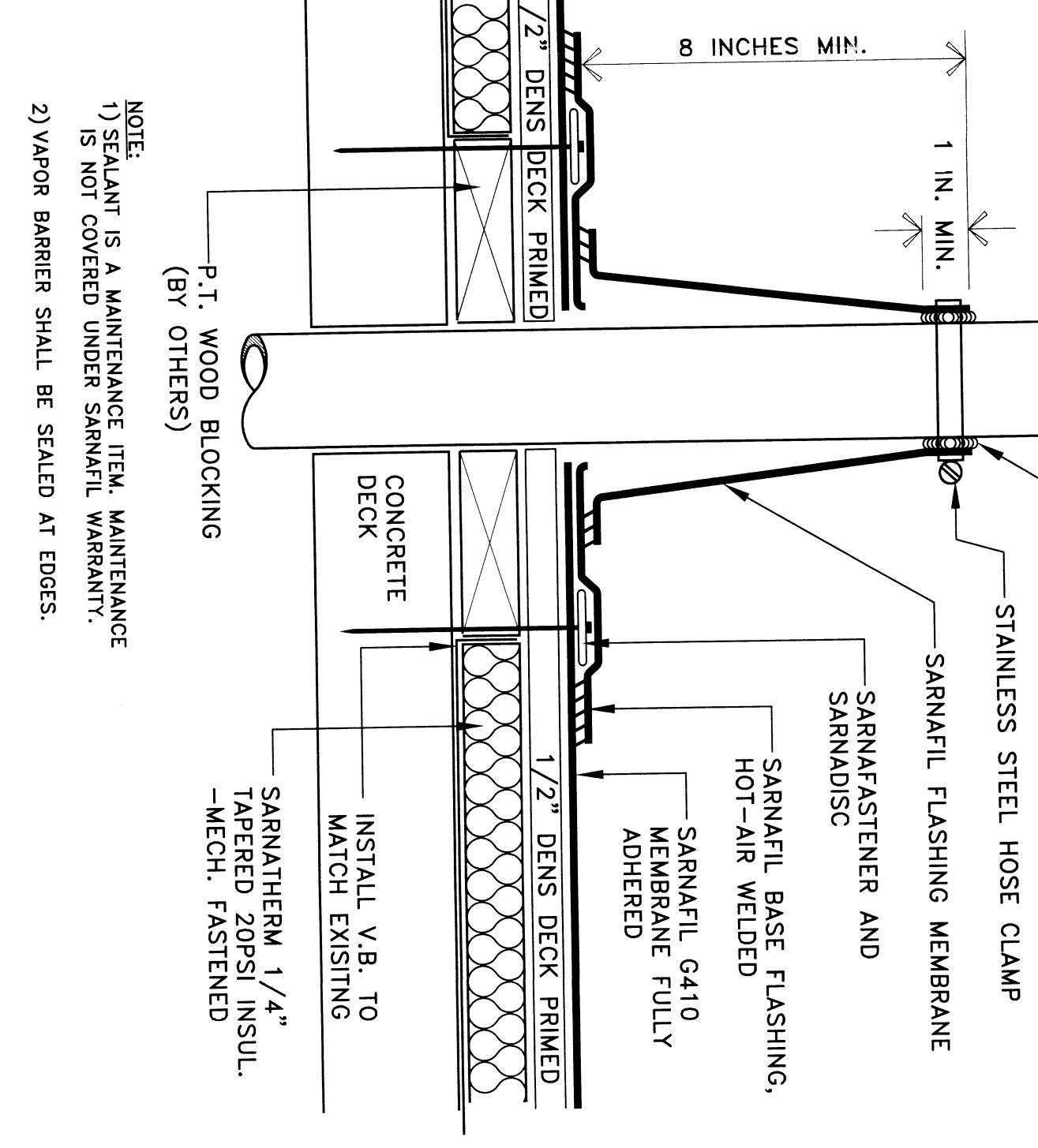
SCALE: N.T.S. - REFER TO ARCH. DETAILS 8 & 9 ON D-A-127/290-08-001594-A20.



SARNATHERM 1/4" TAPERED 20PSI INSULATION -MECH. FASTENED
 SARNAFIL G410 MEMBRANE FULLY ADHERED
 HOT-AIR WELD
 SARNAFIL FLASHING, HOT-AIR WELDED
 GALVANIZED SILL PLATE PER ARCH. DETAILS (BY OTHERS)
 SARNAFIL G410 60MIL FLASHING ADHERED WITH SARNACOL 2170 TO SUBSTRATE
 P.T. WOOD NAILER TO MATCH HEIGHT OF INSULATION FASTENED PER ARCH. DETAILS (BY OTHERS)
 CONCRETE DECK
 INSTALL V.B. TO MATCH EXISTING

PROTECTED WOOD SLEEPER

SCALE: N.T.S. - REFER TO ARCH. DETAILS 3 & 4 ON D-A-127/290-08-001594-A18.

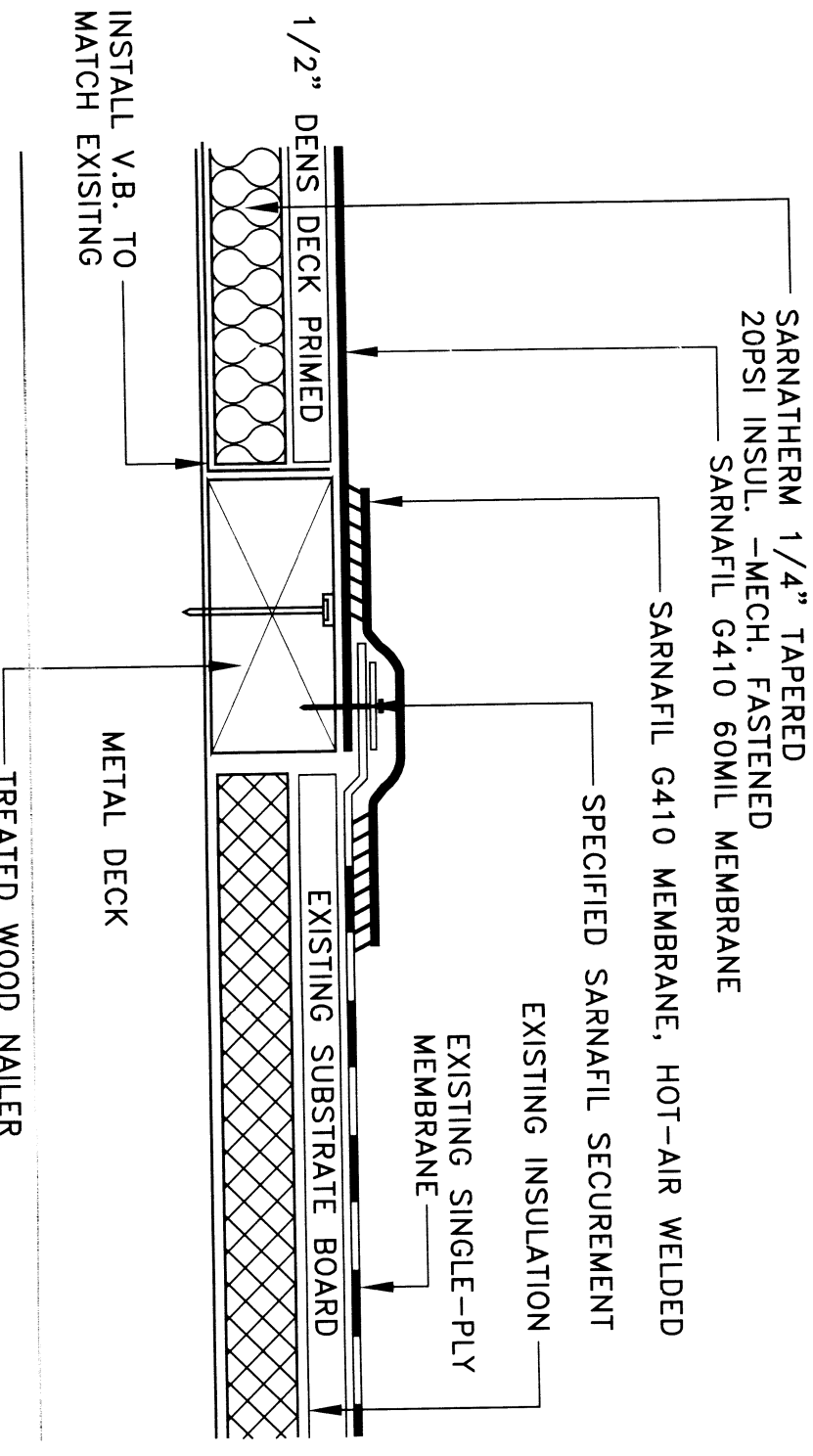


PIPE/DUCTWORK PENETRATION
 SARNAFIL SEALANT (SEE NOTE)
 STAINLESS STEEL HOSE CLAMP
 SARNAFIL FLASHING MEMBRANE
 SARNAFASTENER AND SARNADISC
 SARNAFIL BASE FLASHING, HOT-AIR WELDED
 SARNAFIL G410 MEMBRANE FULLY ADHERED
 SARNATHERM 1/4" TAPERED 20PSI INSUL.-MECH. FASTENED
 1/2" DENS DECK PRIMED
 CONCRETE DECK
 P.T. WOOD BLOCKING (BY OTHERS)
 INSTALL V.B. TO MATCH EXISTING

CONE FLASHING AT PENETRATION

SCALE: N.T.S. - REFER TO ARCH. DETAILS 2 ON D-A-127/290-08-001594-A19.

NOTE:
 1) NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A FORCE OF 300 POUNDS PER LINEAL FOOT IN ANY DIRECTION.
 2) FOLLOW EXISTING SINGLE-PLY MEMBRANE IN DETAIL AND RECOMMENDATION FOR CLEANING AND REPAIR.
 3) CLEAN EXISTING SINGLE-PLY MEMBRANE PRIOR TO NEW-PLY WELDING.



TIE-IN DETAIL TO EXISTING SINGLE-PLY

SCALE: N.T.S. - REFER TO ARCH. DETAILS 1, 3, 7, & 15 ON D-A-127/290-08-001594-A19.

- GENERAL NOTES:
1. REFER TO ARCH. DWGS DETAILS AS NOTED ON DETAILS FOR REFERENCE, & LOCATION.
 2. FIELD VERIFY DETAILS.
 3. MORRILL II DECK IS CONCRETE
 4. MORRILL III DECK IS STEEL
 5. INSTALL FASTENERS APPROPRIATE TO DECK SUBSTRATE AS RECOMMENDED BY MANUFACTURER
 6. WOOD BLOCKING IS BY OTHER TRADE CONTRACTOR.
 7. VAPOR BARRIER AS NEEDED TO MATCH EXISTING.

GREENWOOD INDUSTRIES INC
 ARCHITECTURAL METAL AND ROOFING CONTRACTORS
 P.O. BOX 2800 - WORCESTER, MA 01613

PROJECT NAME:
UMASS-MORRILL II & III

DRAWING NAME:
SARNAFIL ROOF DETAILS

DRAWN BY: S.WHITNEY
 REVISED: 3-24-2011

DRAWING NO.: **D-1**
 DRAWING SCALE: N.T.S.