

1 TYPICAL PENETRATION
SCALE: 6" = 1'-0"

SPECIFICATIONS

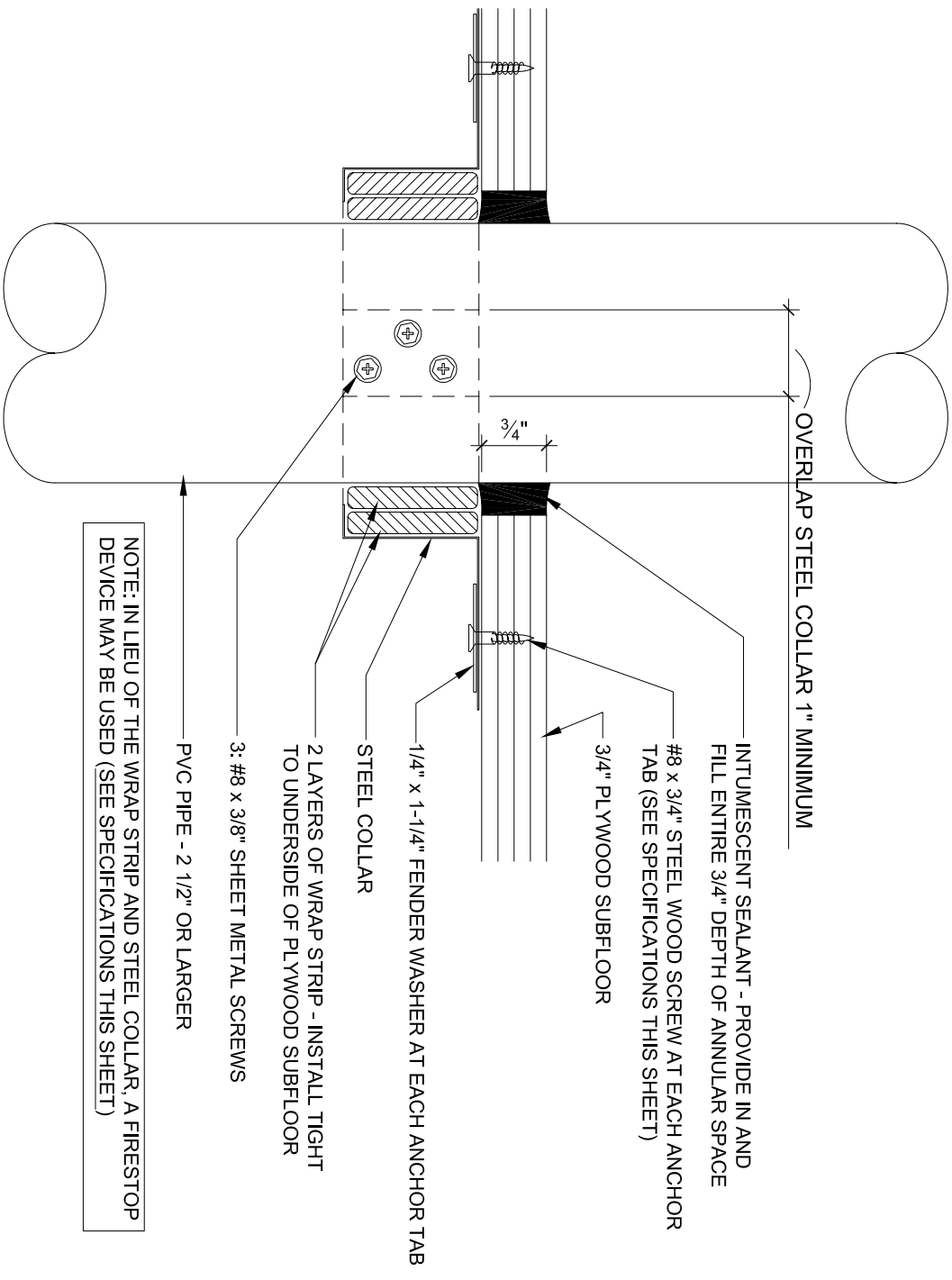
WRAP STRIP: 1/4" THICK x 1 1/2" MINIMUM WIDTH INTUMESCENT MATERIAL WITH PLASTIC FILM FACING BOTH SIDES. TEMPORARILY SECURE WITH MAKING TAPE. SPECIFIED TECHNOLOGIES INC. (STI) "SpecSeal RED Wrap Strip" OR "SpecSeal BLU Wrap Strip" OR EQUAL.

FIRESTOP DEVICE: IN LIEU OF THE WRAP STRIP AND STEEL COLLAR, A FIRESTOP DEVICE MAY BE USED AS FOLLOWS:

FOR 3" PVC PIPE (3 1/2" O.D.): STI "SpecSeal LCC" COLLAR #LCC300

FOR 4" PVC PIPE (4 1/2" O.D.): STI "SpecSeal LCC" COLLAR #LCC400

DO NOT USE FIRESTOP DEVICE AT JOINTS (JOINT FLANGES) IN PIPE; PROVIDE WRAP STRIP AND STEEL COLLAR



2 DETAIL FOR 2 1/2" AND LARGER PVC PIPE
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SEALANT SCHEDULE:

STEEL COLLAR: WRAP STRIP MANUFACTURERS STEEL COLLAR, FABRICATED FROM .016 INCH THICK GALVANIZED SHEET STEEL, WIDTH TO MATCH WRAP STRIP (1 1/2" MINIMUM), WITH 1 INCH x 2 INCH ANCHOR TABS AND RETAINER TABS. ANCHOR TABS TO BE SYMMETRICALLY OPPOSED AROUND COLLAR; PROVIDE 3 TABS FOR 2 1/2" AND 3" PIPE; PROVIDE 4 TABS FOR 4" PIPE.

INTUMESCENT SEALANT: ONE-PART, INTUMESCENT, LATEX ELASTOMER TESTED TO ASTM E 814, MINIMUM EXPANSION OF 3x AT 1000°F. 3M "FIRE BARRIER SEALANT CP 25WB+" OR EQUAL.

FIRESTOP SEALANT: SINGLE COMPONENT NONCOMBUSTIBLE FIRE RATED SEALANT TESTED TO ASTM E 814, TESTED TO 3000°F. "BOSS 136 FIRESTOP/DRAFT SEALANT" MANUFACTURED BY ACCUMETRIC, LLC, OR EQUAL.

INTUMESCENT SEALANT: PROVIDE AT ALL PENETRATIONS THROUGH RATED CONSTRUCTION FOR PENETRATING ITEMS INCLUDING BUT NOT LIMITED TO: PVC PIPE; ROOF LEADER PIPES; GAS PIPES & LINES; SPRINKLER PIPES; ELECTRICAL & COMMUNICATIONS CABLES & WIRES; AND ALARM SYSTEM WIRES. DO NOT USE INTUMESCENT SEALANT AT DOMESTIC HOT WATER OR HYDRONIC HEATING SYSTEM PIPES.

FIRESTOP SEALANT: PROVIDE AT ALL PENETRATIONS THROUGH RATED CONSTRUCTION FOR PENETRATING ITEMS INCLUDING DOMESTIC HOT AND COLD WATER PIPES AND HYDRONIC HEATING SYSTEM PIPES.

NOTE:
FOR LOCATIONS OF RATED CONSTRUCTION, SEE ARCHITECTURAL FLOOR PLANS AND SECTIONS