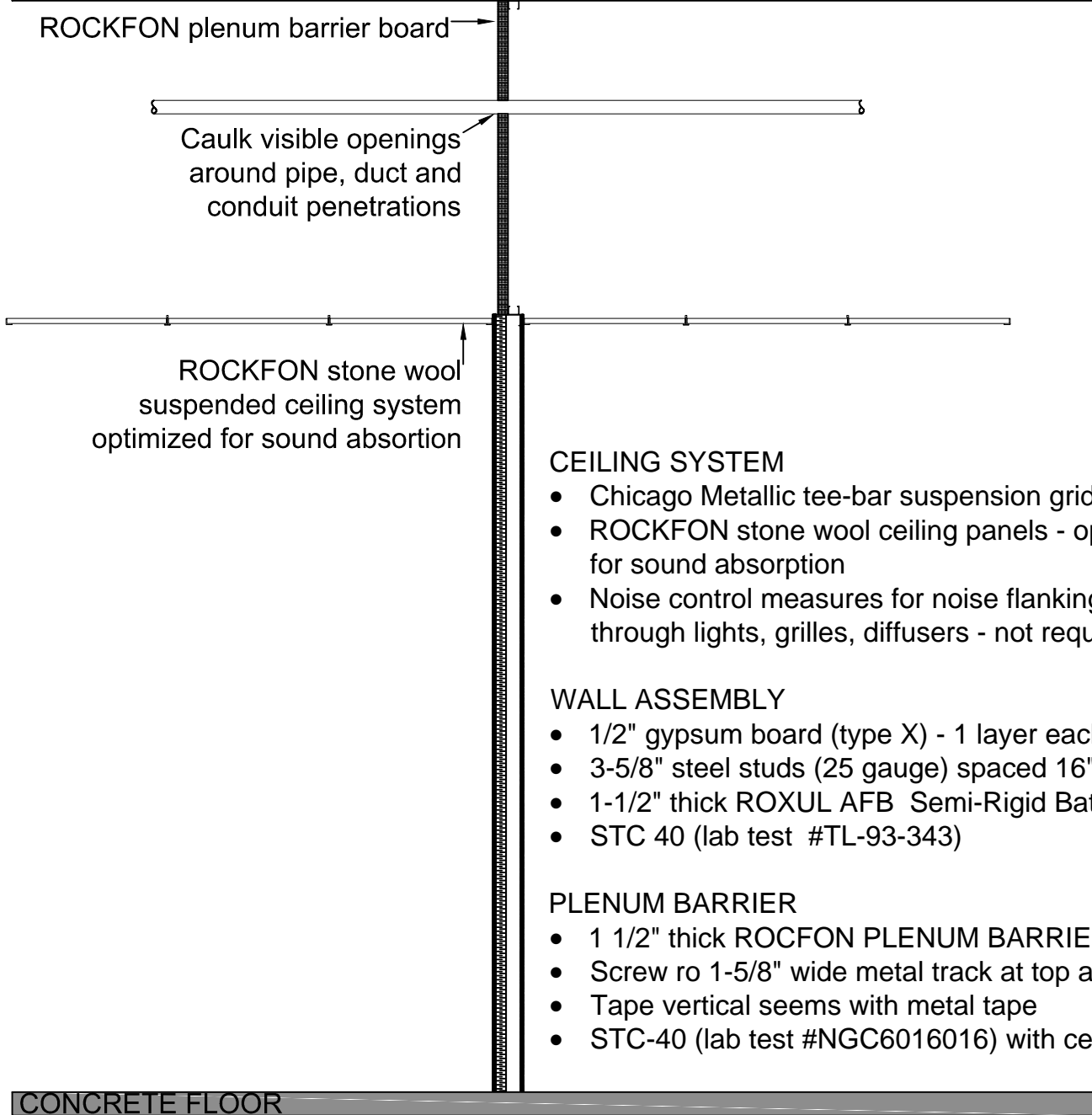


STONE WOOL PLENUM BARRIER: GOOD BLOCKING STC 40

FLOOR OR ROOF ABOVE



CEILING SYSTEM

- Chicago Metallic tee-bar suspension grid
- ROCKFON stone wool ceiling panels - optimized for sound absorption
- Noise control measures for noise flanking paths through lights, grilles, diffusers - not required

WALL ASSEMBLY

- 1/2" gypsum board (type X) - 1 layer each side
- 3-5/8" steel studs (25 gauge) spaced 16" on center
- 1-1/2" thick ROXUL AFB Semi-Rigid Batt Insulation
- STC 40 (lab test #TL-93-343)

PLENUM BARRIER

- 1 1/2" thick ROCKFON PLENUM BARRIER BOARD
- Screw to 1-5/8" wide metal track at top and bottom
- Tape vertical seams with metal tape
- STC-40 (lab test #NGC6016016) with ceiling

CONCRETE FLOOR



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Stone Wool Plenum Barrier
GOOD BLOCKING - STC 40

ORIG. DWG. DATE: 7/22/2017

DWG. BY: JLS

APPROVAL: _____

REV.:

REV. DATE:

SCALE:

1" = 1'-0"

DWG. NO.:

STC40 SPB