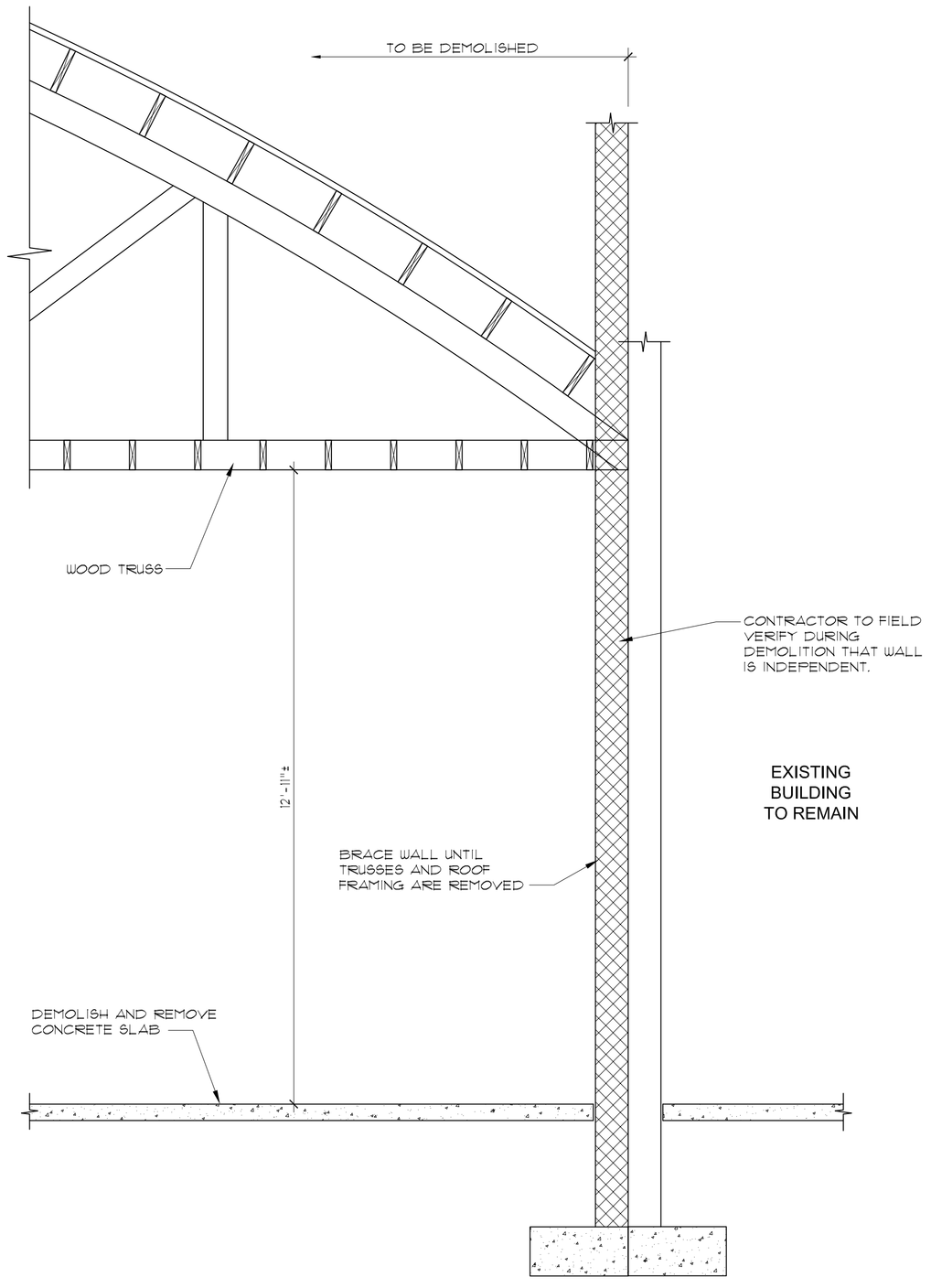
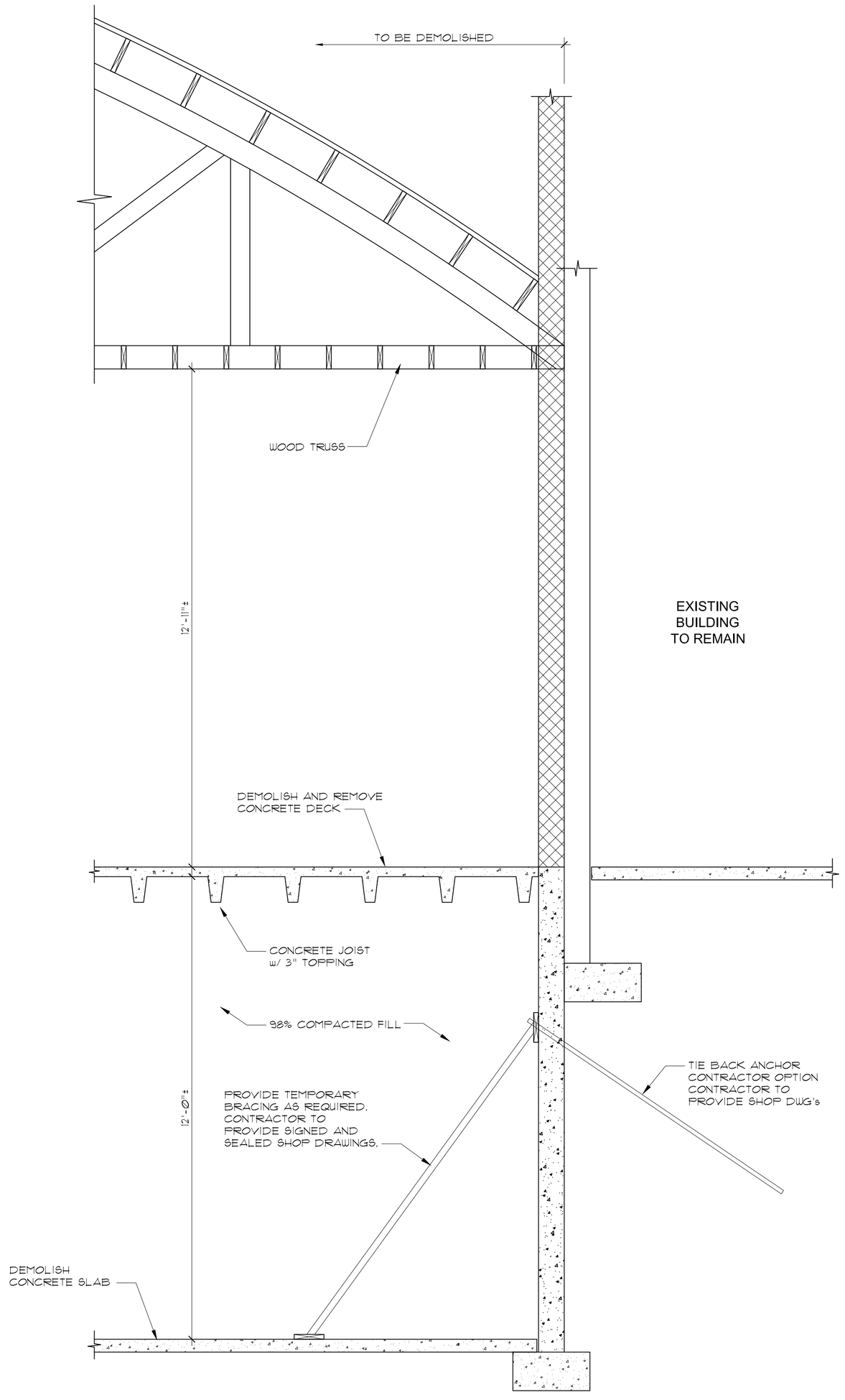


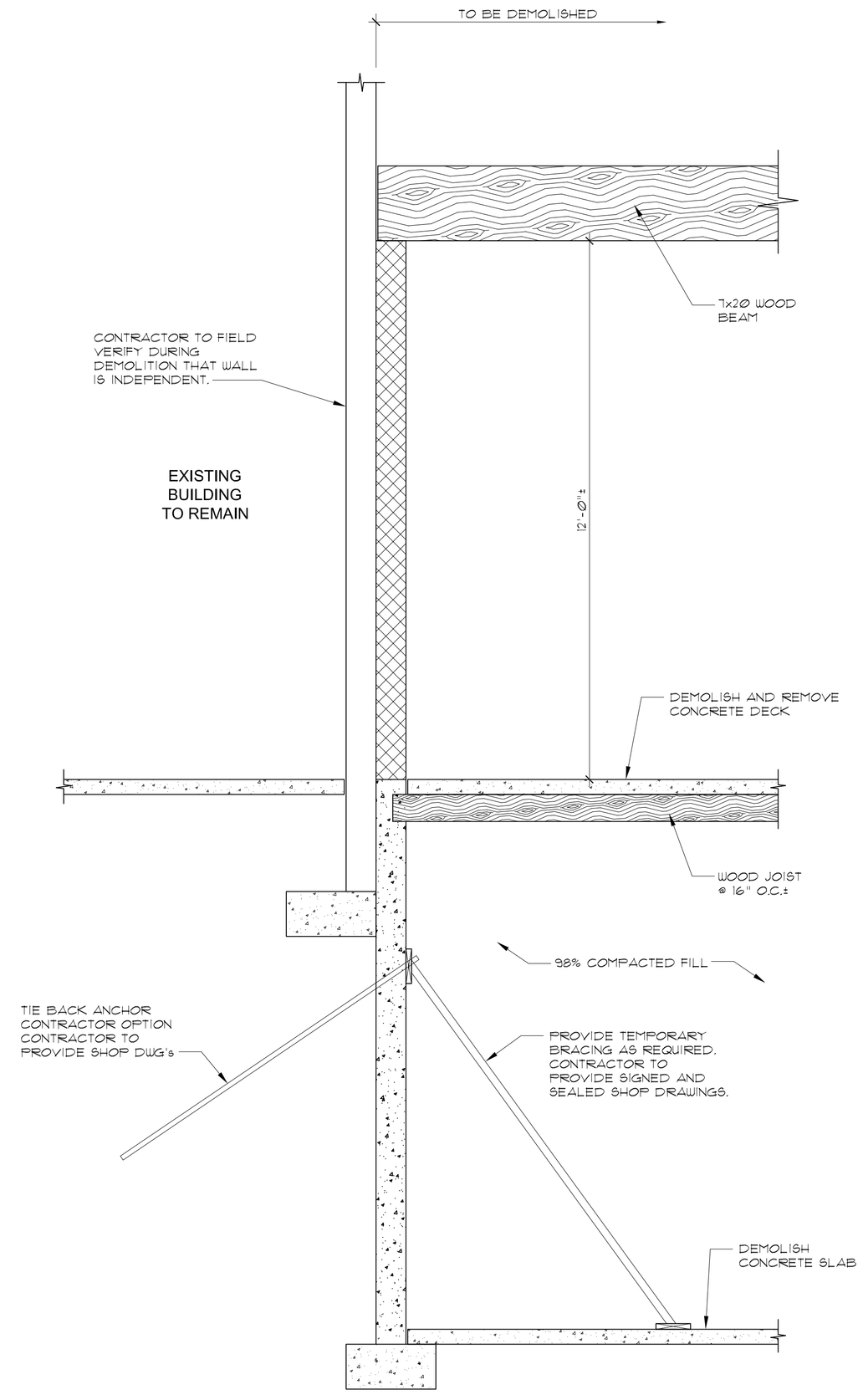
1 S-4 SECTION

SCALE : 1/2" = 1'-0"



2 S-4 SECTION

SCALE : 1/2" = 1'-0"



3 S-4 SECTION

SCALE : 1/2" = 1'-0"

COMPACTION: EACH LAYER OF FILL SHALL BE COMPACTED AT OPTIMUM MOISTURE CONTENT (PLUS OR MINUS 2%) TO NOT LESS THAN 95% OF MAXIMUM DRY DENSITY.

LOWER DEGREES OF COMPACTION MAY BE PERMITTED BY THE BUILDING OFFICIAL AFTER RECEIPT OF A REPORT FROM THE SOILS ENGINEER CERTIFYING THAT HE HAS INVESTIGATED THE SUBSOIL OF THE SITE, HAS TESTED REPRESENTATIVE FILL MATERIALS AND THAT IN HIS OPINION SUCH LOWER DEGREE OF COMPACTION WILL BE ADEQUATE FOR THE INTENDED USE OF THE FILL.

IN-PLACE FIELD DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D-698 OR ASTM D-1557.

ALL FILLS SHALL BE PLACED IN APPROXIMATELY HORIZONTAL LAYERS, EACH LAYER HAVING A LOOSE THICKNESS OF NOT MORE THAN 8 INCHES.

NO FILL SHALL BE PLACED ON FROZEN GROUND.

CONTROLLED FILL:

MATERIAL SATISFACTORY FOR CONTROLLED FILL AND BACKFILL MATERIAL SHALL INCLUDE CLEAN SOIL OR BANKRUN SAND AND GRAVEL (GW, GC, SC, SM, ML & CL), BUT EXCLUDE HIGHLY PLASTIC CLAYS (MH & CH) OR HIGH SHRINK-SWELL SOILS. THE FILL MATERIALS SHALL BE FREE FROM TOPSOIL, ORGANIC CONTAMINATED SOIL AND ROCK FRAGMENTS HAVING A MAJOR DIMENSION GREATER THAN FOUR (4) INCHES, AND SHALL CONTAIN NO ICE OR SNOW.

AGGREGATE GRADATION SUITABLE FOR CONTROLLED FILL INLCUDES CRUSHER RUN MATERIAL MEETING THE REQUIREMENTS OF ASTM: D1241 - 15.

Professional Certification

I hereby certify that documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

license number 12658 expiration date 10-11-2017

Revisions:

No:	Date:	Comments:
	6/16/2017	Addendum #1

Project / Location:

Suitland Federal Center
4646 & 4670 Suitland Road
Suitland, Maryland 20746

Drawing: SECTIONS

Scale::	Date:	Designed By:	Drawn By:
AS NOTED	6/15/2017	S.M.W.	K.L.R.

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PROJECT#: 20179015

DWG # S-4