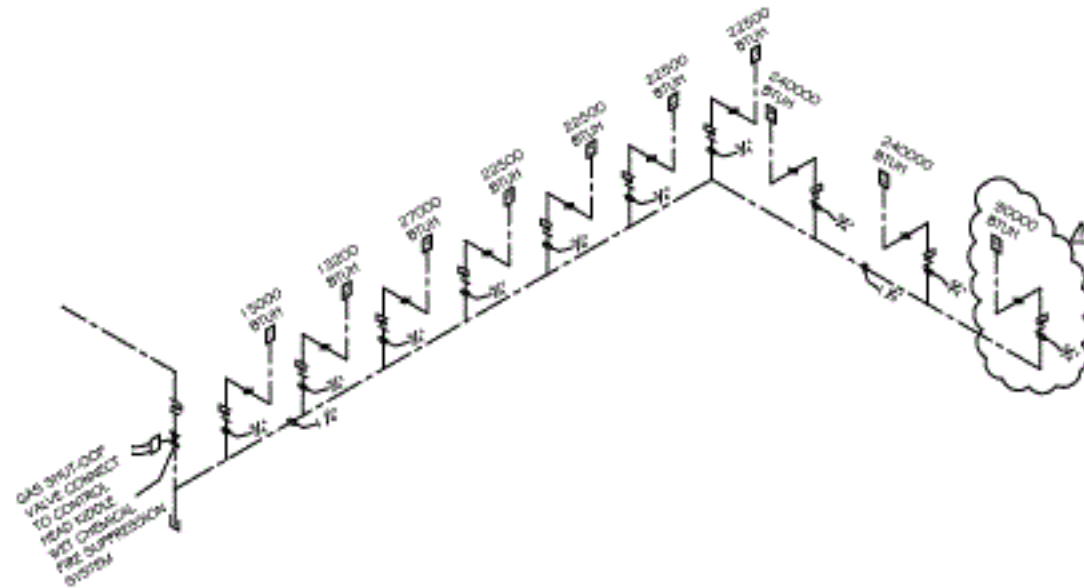




GAS PIPING ISOMETRIC DIAGRAM

N.T.S.

LONGEST RUN 245 L.F.

W/ 167200 / 2516 = 67 CF.

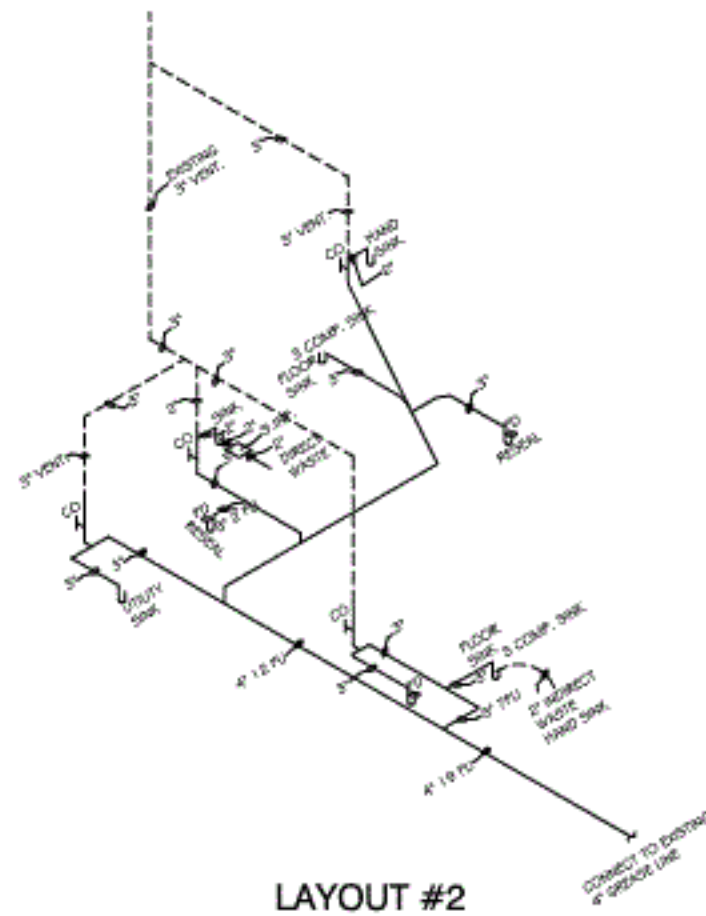
GAS INTERCEPTOR CALCULATIONS:

BASED ON THE FLORIDA BUILDING CODE 2004
CHAPTER 10 TABLE 1003.5.1
(S)(GS)(HR)(1/2)(LF)=EFFECTIVE CAPACITY OF GREASE
INTERCEPTOR IN GALLONS.

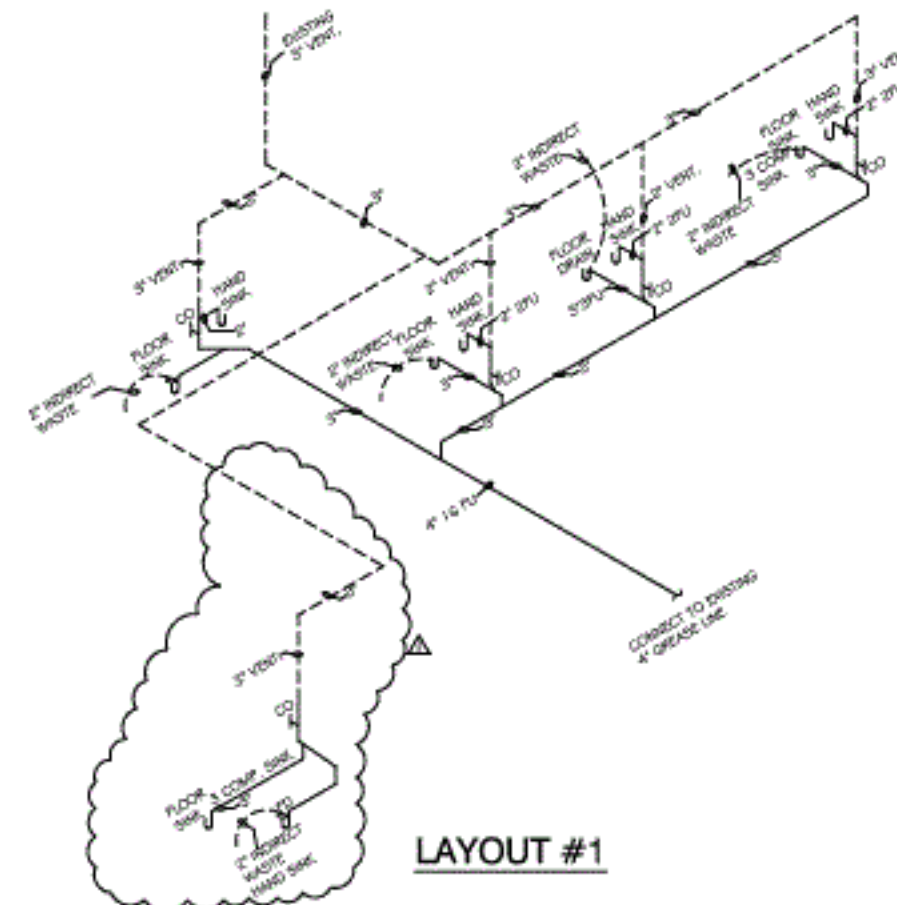
S=SEATING
GS=GALLONS OF WASTE PER SEAT
HR=NUMBER OF HOURS RESTAURANT IS OPEN
LF=LOADING FACTOR(0.75 MAIN HIGHWAY)
 $V=86 \times 25 \times (8/12) \times 1 = 143$ GALLONS
REQUIRED=143 GALLONS
DISTING=1200 GALLONS GREASE INTERCEPTOR.

NATURAL AND LIQUIFIED PETROLEUM GAS PIPING

- ABOVE GROUND, INTERIOR: ASTM A53 THREADED SCHEDULE 40 BLACK STEEL PIPE WITH MALLEABLE IRON FITTINGS (ANSI B16.3, A19.7).
- ABOVE GROUND, EXTERIOR: ASTM A53 THREADED SCHEDULE 40 GALVANIZED STEEL PIPE.
- BELOW GROUND FLOOR SLABS: ASTM A53 THREADED SCHEDULE 40 GALVANIZED STEEL PIPE FOR VENTING SLEEVE TO BUILDING EXTERIOR AND GAS LINE.
- TEST GAS PIPING WITH PRESSURES AND TEST DURATIONS ACCORDING TO NFPA 54.



LAYOUT #2



LAYOUT #1

GREASE WASTE RISER DIAGRAM

N.T.S.