

# HOW TO DETERMINE THE VALIDITY OF A BASEMENT IN A ONE-STORY HEIGHT DISTRICT

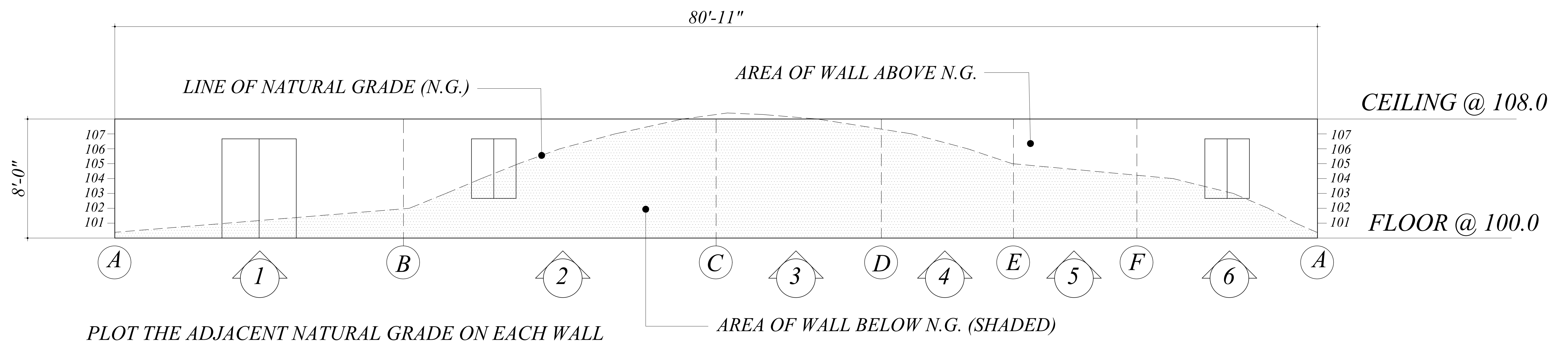
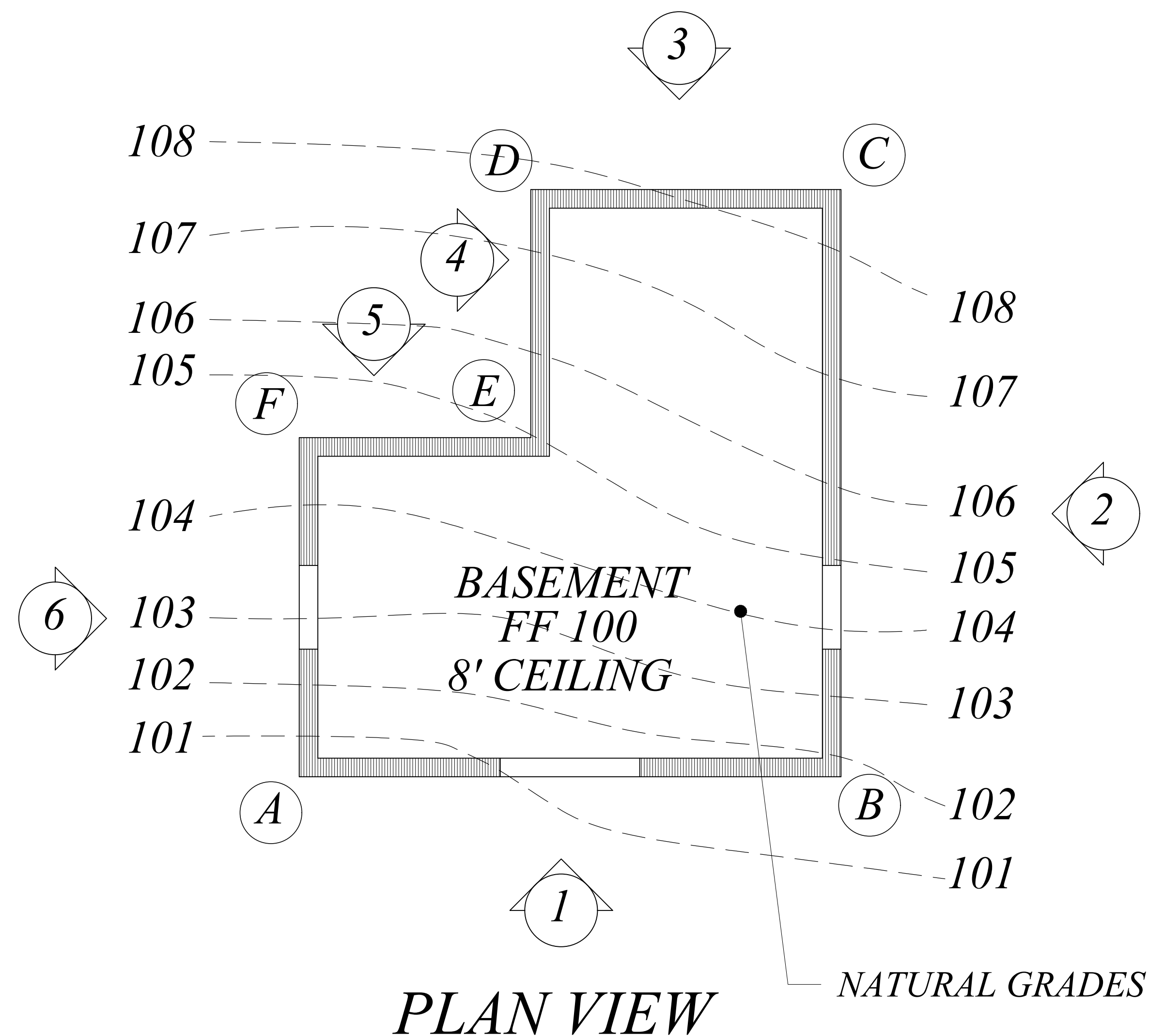
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TO QUALIFY AS A BASEMENT IN A ONE STORY DISTRICT, 50% OR MORE OF THE TOTAL AREA OF PERIMETER WALLS MEASURED FROM THE FINISHED FLOOR TO THE FINISHED CEILING MUST BE BELOW NATURAL GRADE. (N.G.)

IN THIS EXAMPLE, THE BASEMENT CAN BE VERIFIED USING THE FOLLOWING CALCULATION:

HEIGHT OF WALL	8'-0"
LENGTH OF ALL PERIMETER WALLS	80'-11"
TOTAL AREA OF PERIMETER WALLS	647 SQ. FT.
50% OF PERIMETER WALL AREA	323 SQ. FT.
AREA OF WALL BELOW NAT. GRADE (SHADED ON ELEVATION)	356 SQ. FT.
PERCENTAGE OF AREA OF WALL BELOW NATURAL GRADE	55 %

**THIS PLAN QUALIFIES AS A BASEMENT BECAUSE THE PERCENTAGE OF AREA BELOW NATURAL GRADE IS MORE THAN 50%**



ELEVATION OF EXTERIOR PERIMETER WALLS OF BASEMENT