

Workshop Drawing Manual
for Beginner Engineers
Plumbing system work version

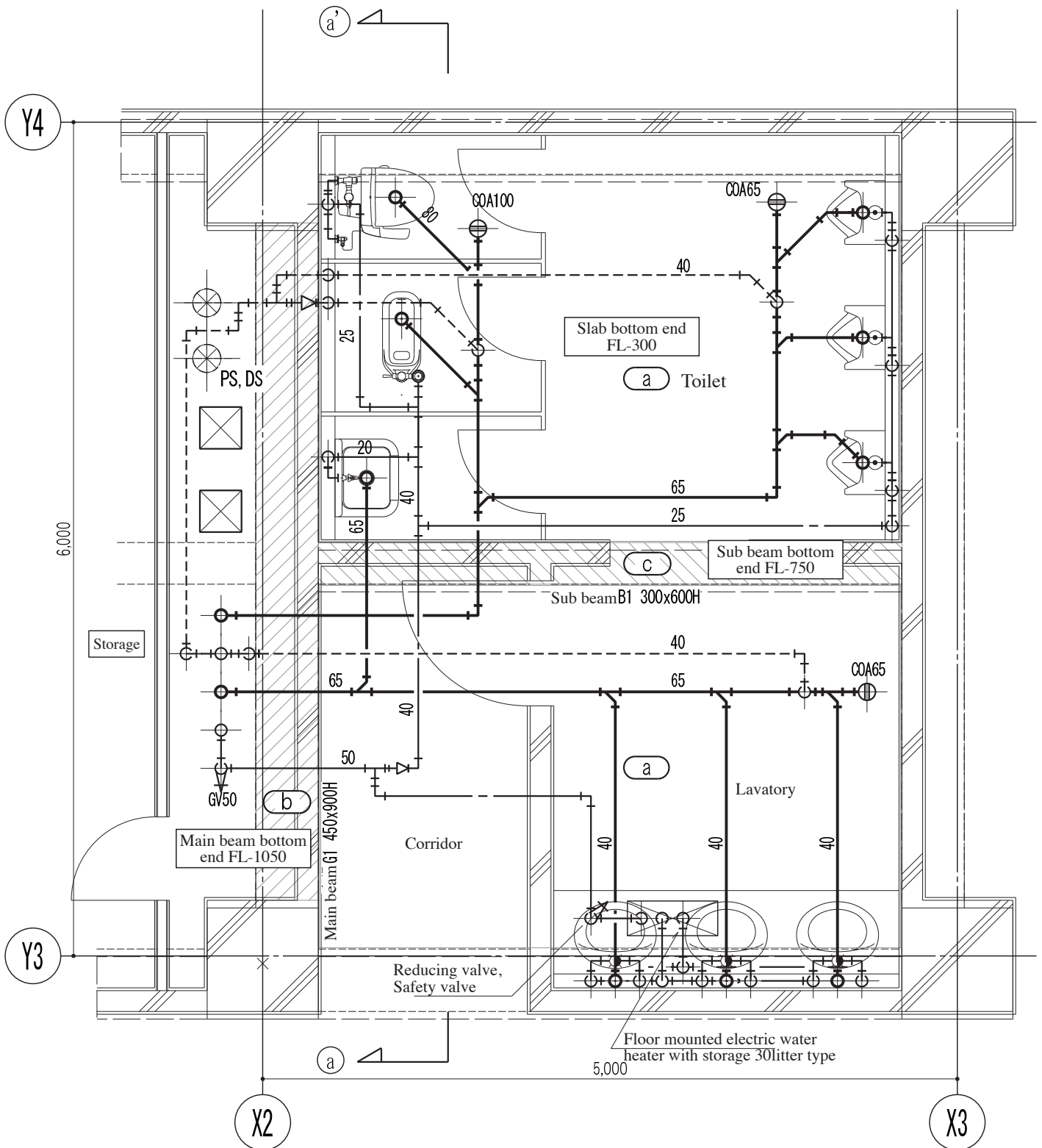
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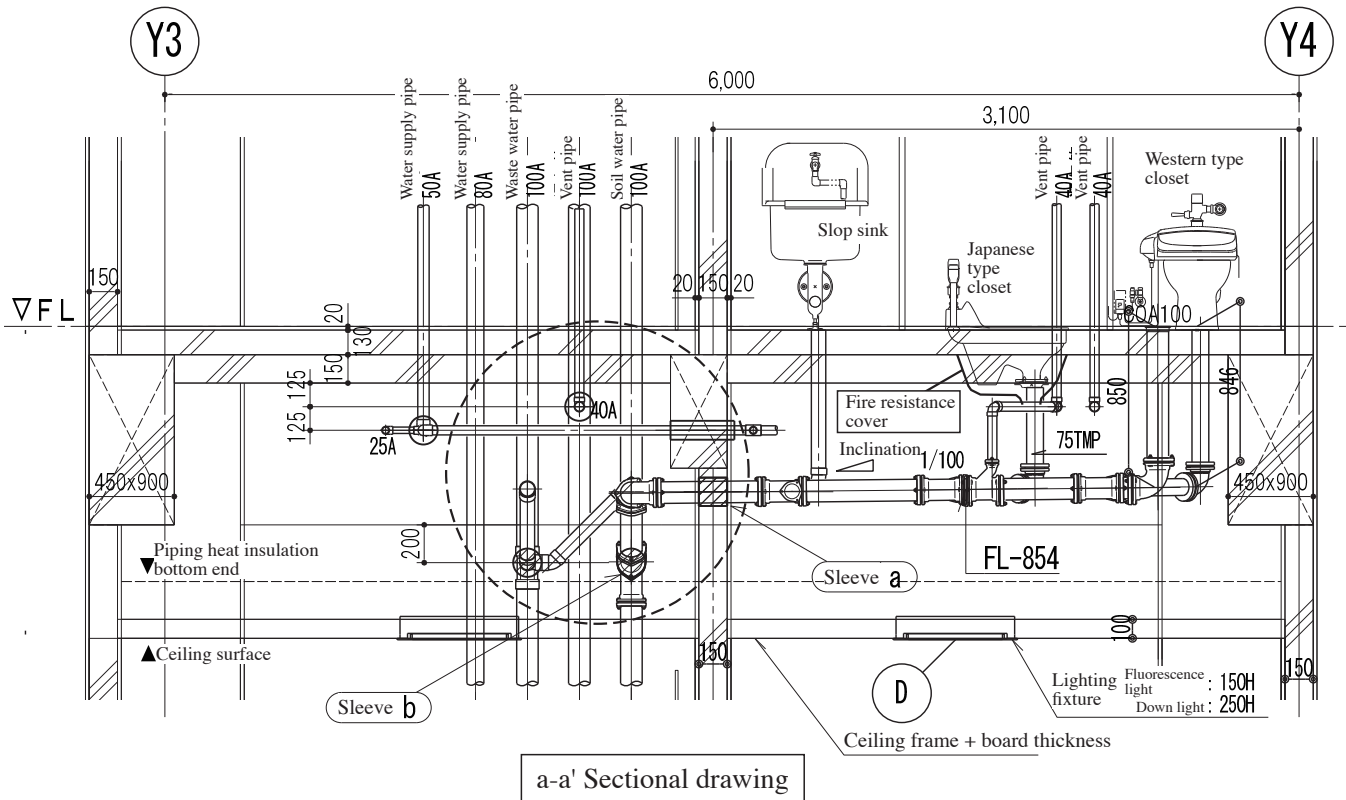


Explanatory notes (Situation above ceiling)

- a Height between slab and ceiling a=1350
- b Height between slab and ceiling b=600
- c Height between slab and ceiling c=900

Design drawing completed with check (for building body)

Floor height : 4000
 Ceiling height : 2350
 Cinder concrete : 150
 Slab thickness : 150



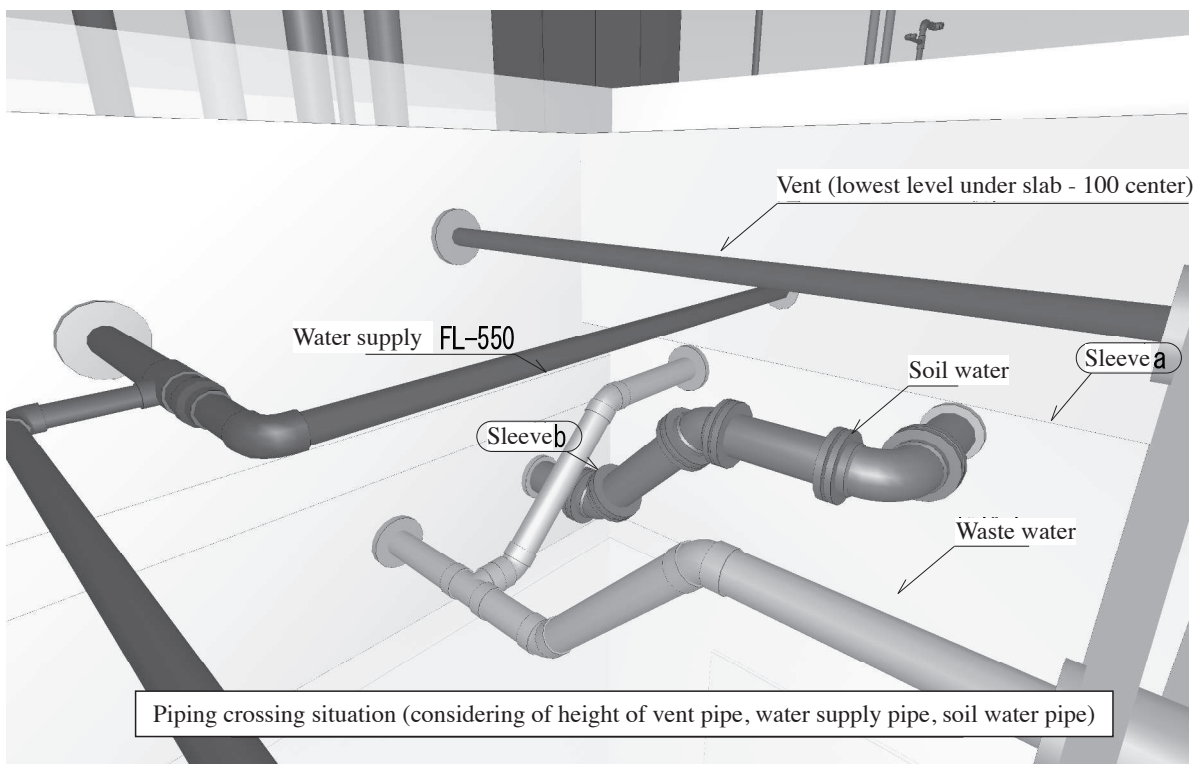
Check point

Order of connection with fixture and piping, 1. Japanese style closet (FL-854), 2. Western style closet, 3. SK, 4. Urinal.

From Japanese style closet to sleeve a: FL-854 (Japanese style closet) - 20 (length approx. 2m, inclination 1/100) = FL-874 (sleeve a)

From Japanese style closet to sleeve b: FL-854 (Japanese style closet) - 30 (length approx. 3m, inclination 1/100) = FL-884 (sleeve b)

+ However, in this example, connect with FL-1250 (sleeve b) in order to avoid the SK drainage water pipe front of PS by dropping at 45 degree.



10. Detail drawing of receiving tank room

10-6. Isometric drawing and CG (computer graphics)

