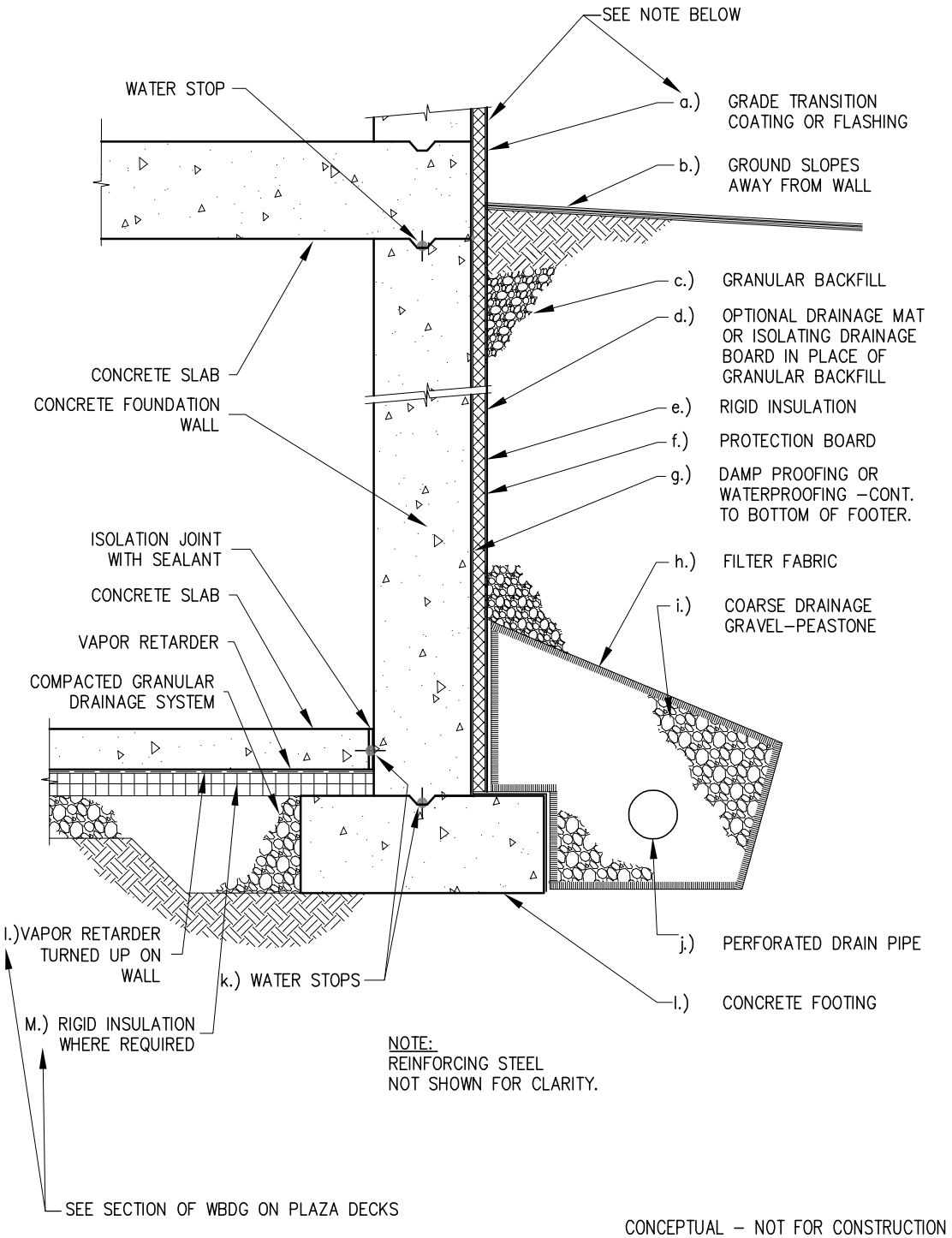

CONCEPTUAL – NOT FOR CONSTRUCTION

Notes: Component Functions

a.) Provides continuity between upper building envelope weather shield & below grade waterproofing.

b.) Directs building face sheet runoff & roof gutter overspill away from below grade waterproofing and drainage system.

c/d) Reduces/prevents liquid water buildup against wall; serves as a flow path to drain pipe.

e.) Protects Membrane and protection board from construction & thermal shock while in service. Provides thermal resistance.

f.) Protects membrane from construction damage.

g.) Prevents moisture (waterproofing) and vapor (dampproofing) transmission through wall and into the building.

h) Protects soil from contaminating "clogging" drainage layer.

i.) Provides a flow path for water to enter into and exit through drain pipe.

j.) Provides a channeled flow to the discharge system.

k.) Prevents moisture migration through cold joint @ wall/slab.

l.) Prevents soil vapors and gases migrating into building.

m.)Prevents cold ground from cooling slab and possibly causing condensation.

1.2.1

FOUNDATION WALL - TYPICAL SYSTEM

INSTRUCTION TO DESIGNERS: TRANSITIONS OF BELOW GRADE WATERPROOFING/DAMPPROOFING TO ABOVE GRADE SYSTEMS MUST BE DETAILED CAREFULLY TO PROVIDE CONTINUITY OF PROTECTIVE LAYERS.