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.) Resists/contains earth load thrust forces.
d/h) Intercepts soil moisture; prevents water head buildup.
e.) Protects membrane and protection board from construction and thermal shock while in service, provides thermal resistance.
f.) Protects membrane from construction damage.
g.) Protects/prevents moisture penetration through wall and into building.
h.) Prevents moisture migration through footer wall cold joint.
i.) Provides stable work surface for floor slab waterproofing/ protection/ drainage/ isolation system installation
j.) Removes collected water to interior sump discharge.

CONCEPTUAL – NOT FOR CONSTRUCTION

1.2.2

FOUNDATION WALL SYSTEM
BLIND-SIDE WATERPROOFING

CONCRETE WALL

CONCRETE FLOOR SLAB

NOTE: REINFORCING STEEL NOT SHOWN FOR CLARITY.

MUD SLAB ON COMPACT EARTH.

DRAIN MAT DISCHARGE TO INTERIOR SUMP (FABRIC SIDE DOWN)

GRADE TRANSITION FLASHING OR COATING
GRADE SLOPE
SOLDIER PILES W/ WOOD LAGGING
DRAIN MAT/SYNTHETIC DRAINAGE LAYER, (FABRIC SIDE TO LAGGING)
PROTECTION BOARD AND BLIND-SIDE WATERPROOFING
WATERSTOP