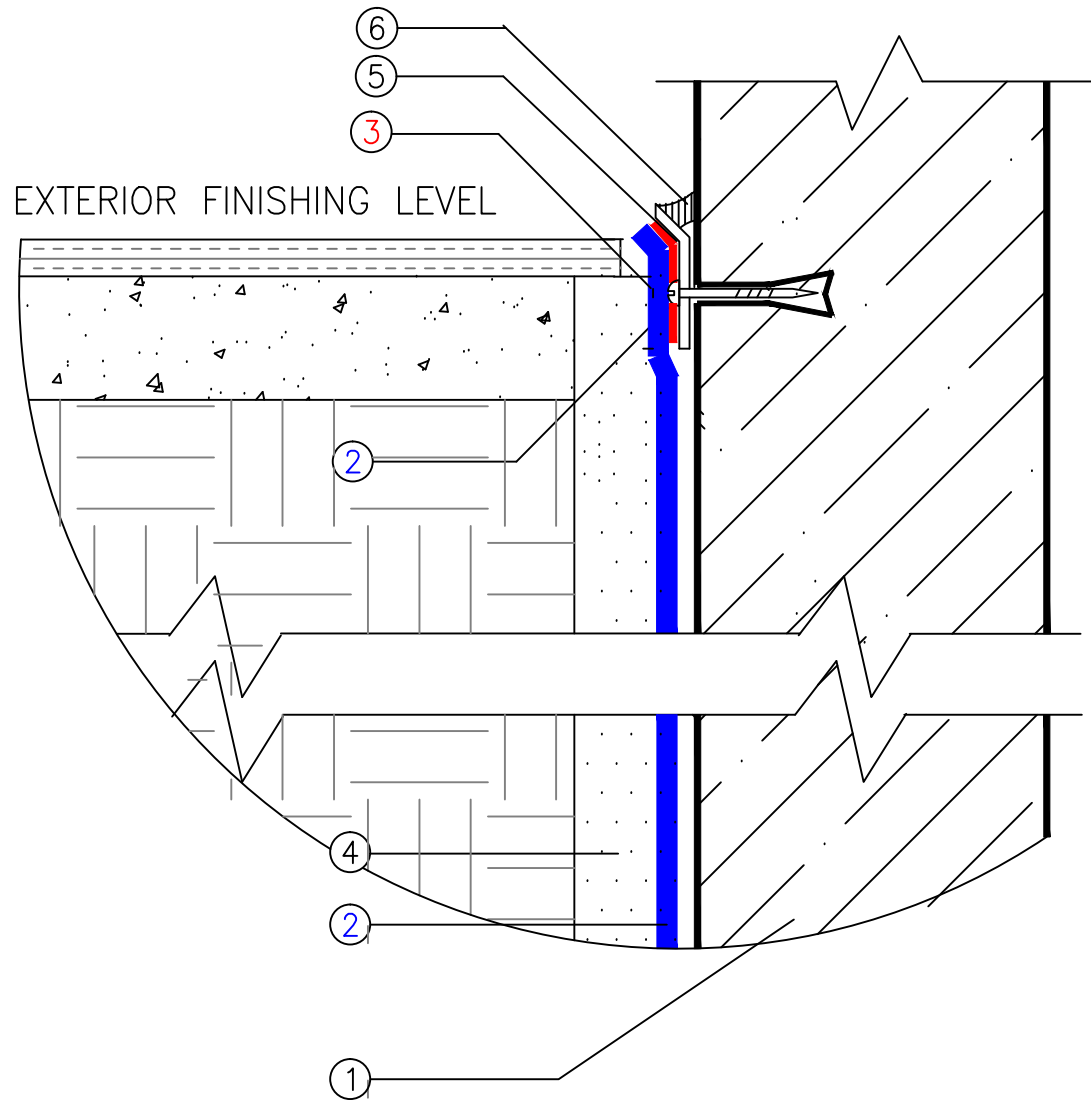


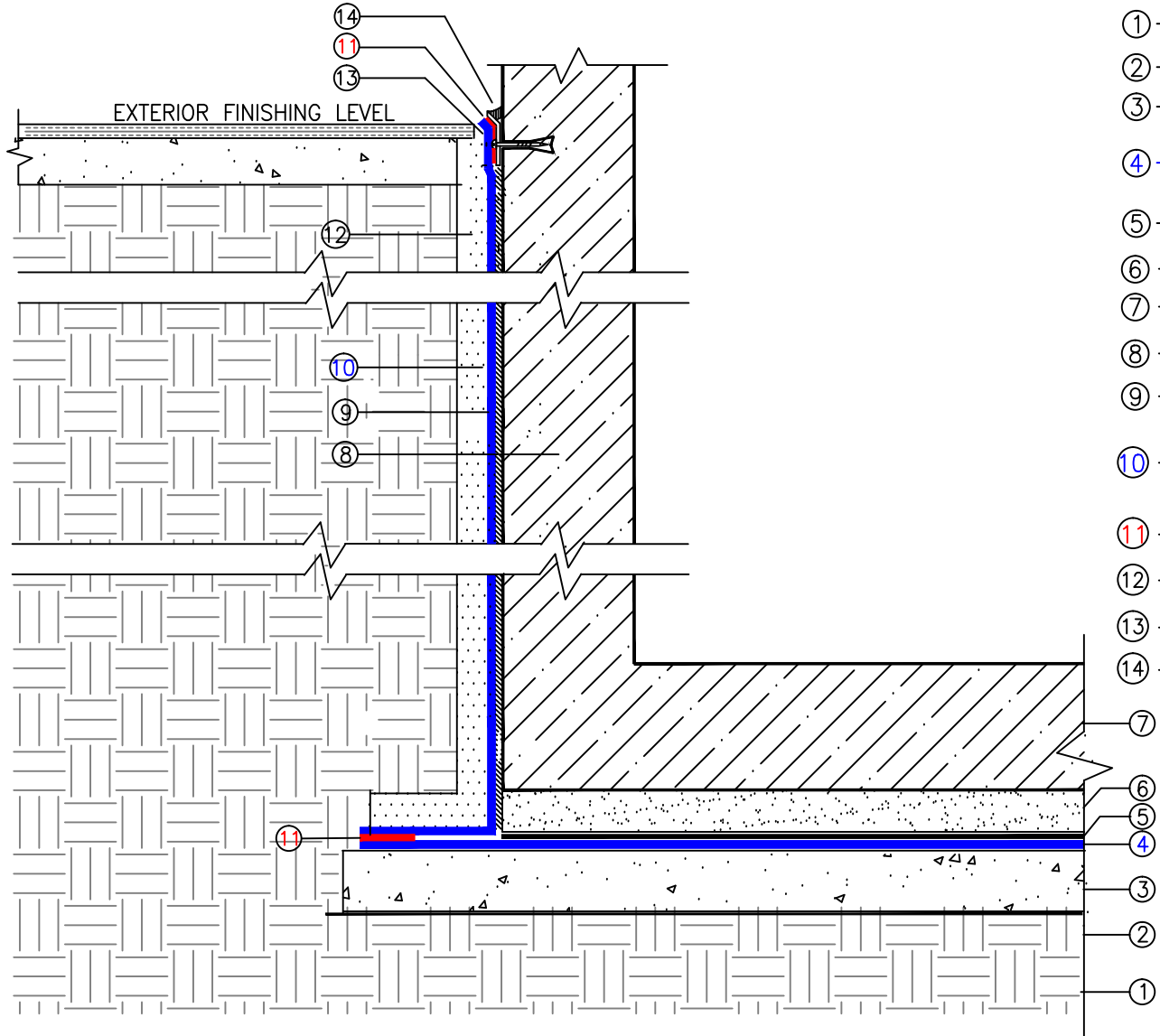
UNDERGROUND STRUCTURE WATERPROOFING PROPOSAL
FOOTINGS WITH WORKING SPACE



- ① - R.C.C. RETAINING WALL
- ② - INSUWRAP PVC. WATERPROOFING MEMBRANE (2000TNL =2.00mm thick)
- ③ - HOT AIR WELDING
- ④ - PROTECTION LAYER ALYAF 500 gr/m2.
- ⑤ - PVC COATED METAL FLASHING
- ⑥ - PU SEALANT INSURSEAL

TERMINATION DETAIL
UNDER GROUND TANKING SYSTEM

UNDERGROUND STRUCTURE WATERPROOFING PROPOSAL
FOOTINGS WITH WORKING SPACE



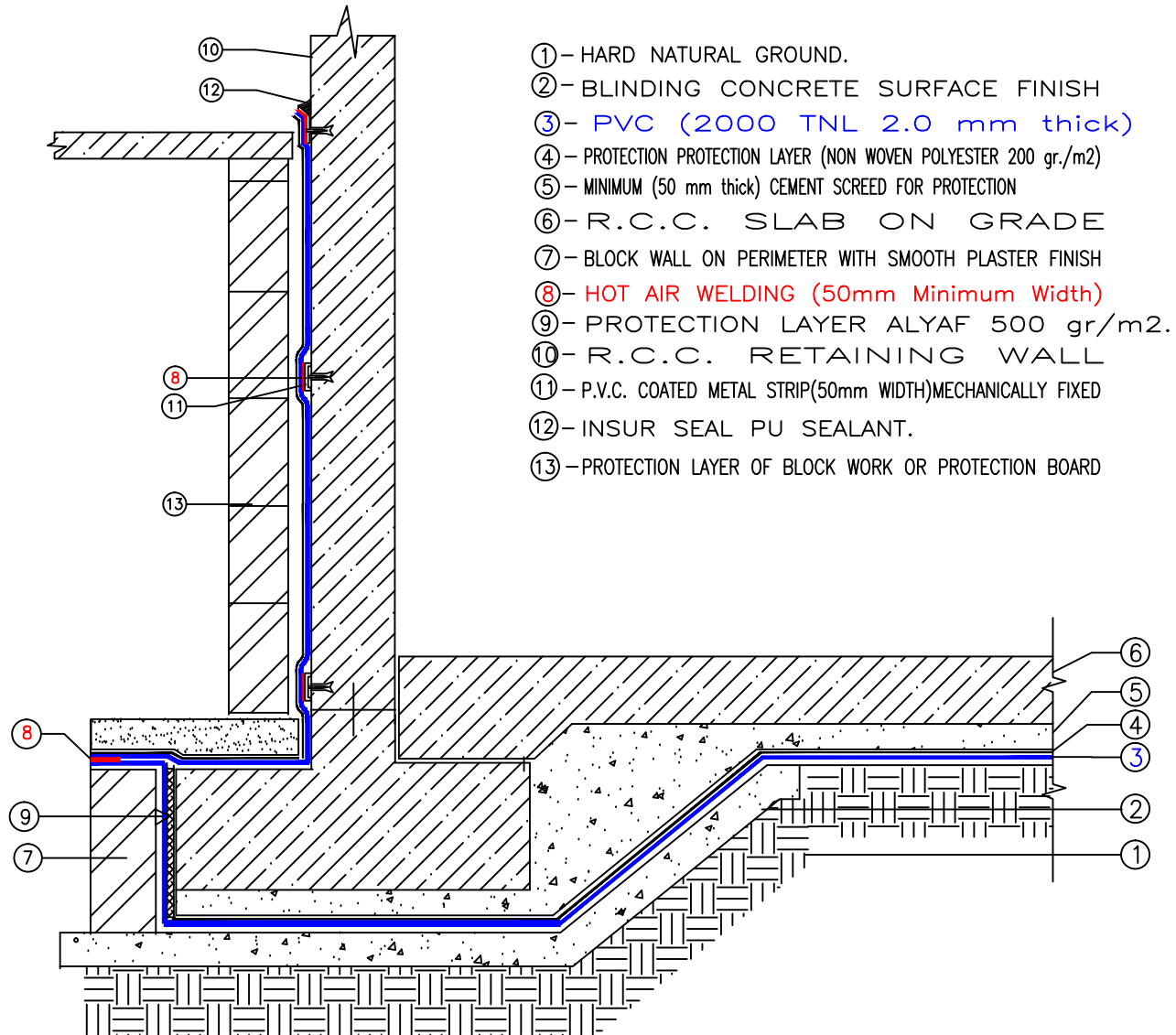
- ① - HARD NATURAL GRADE
- ② - VAPOR BARRIER
- ③ - CONCRETE BLINDING (SMOOTH FINISH)
- ④ - INSUWRAP PVC. WATERPROOFING MEMBRANE (2000TNL =2.00mm thick)
- ⑤ - PROTECTIVE LAYER (ALYAF GEOTEXTILE 200gr/m2)
- ⑥ - CONCRETE SCREED PROTECTION LAYER
- ⑦ - R.C.C. UNDER GROUND RAFT SLAB
- ⑧ - R.C.C. RETAINING WALL
- ⑨ - INSURPOND 106 ADHEASIVE
- ⑩ - INSUWRAP PVC. WATERPROOFING MEMBRANE (2000TNL =2.00mm thick) Mec.FIXED ON RETAINING WALL
- ⑪ - HOT AIR WELDING
- ⑫ - PROTECTION LAYER ALYAF 500gr/m2.
- ⑬ - PVC COATED METAL FLASHING
- ⑭ - INSURSEAL PU SEALANT.

-CROSS SECTION FOR-
UNDER GROUND TANKING SYSTEM

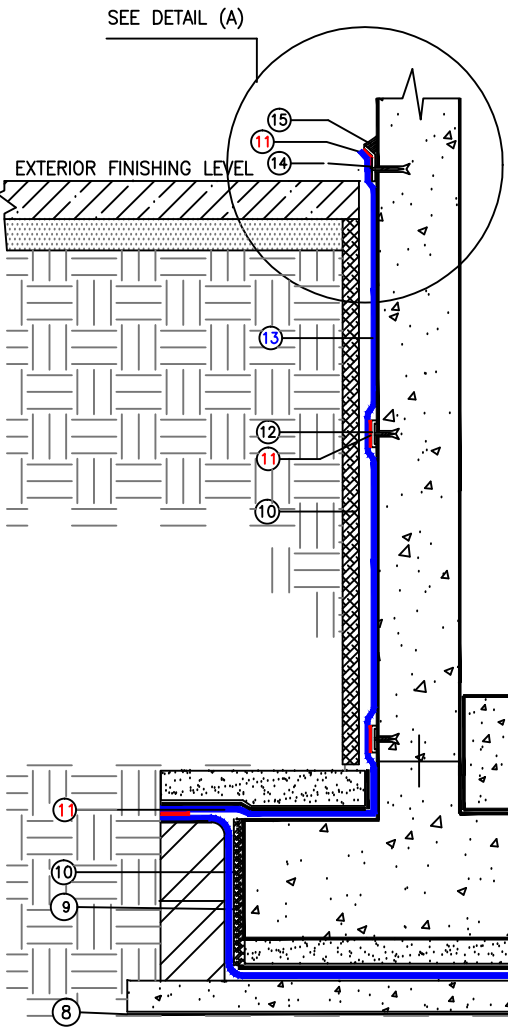
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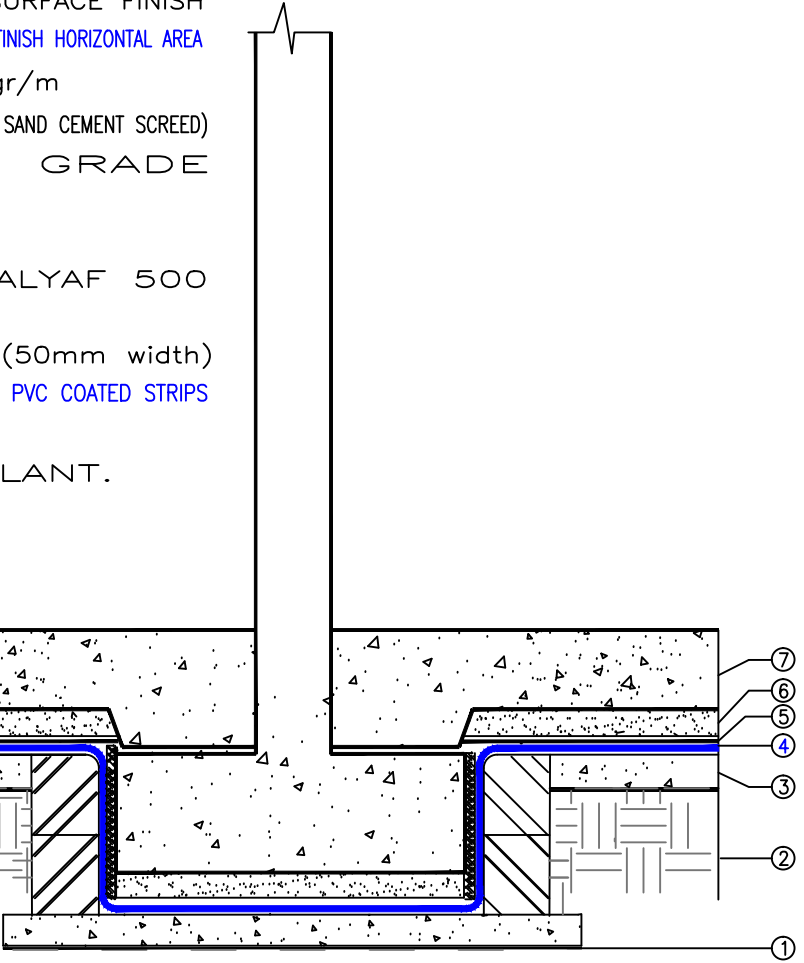
TANKING WATERPROOFING DETAILED PROPOSAL



UNDERGROUND STRUCTURE WATERPROOFING PROPOSAL FOOTINGS WITH WORKING SPACE BEHINED RETAINING WALL



- ①- NATURAL HARD SOIL OR ROCK LEVEL FOR FOUNDATION
- ②- WELL COMPACTED NEW & CLEAN SUB BASE OR COARSE AGGREGATE
- ③- BLINDING CONCRETE, SMOOTH SURFACE FINISH
- ④- PVC (2000TNL 2.00 mm Thick) LAID ON SMOOTH FINISH HORIZONTAL AREA
- ⑤- SEPARATION LAYER ALYAF 200 gr/m
- ⑥- PROTECTION LAYER (Minimum 50 mm thick FINE SAND CEMENT SCREED)
- ⑦- R.C.C. SLAB ON GRADE
- ⑧- VAPOUR BARRIER
- ⑨- BLOCK WALL
- ⑩- PROTECTION LAYER ALYAF 500
- ⑪- **HOT AIR WELDING**
- ⑫- P.V.C. COATED METAL STRIP (50mm width)
- ⑬- PVC (2000TNL 2.00 mm Thick) WELDED TO PVC COATED STRIPS
- ⑭- PVC COATED METAL FLASHING
- ⑮- INSURSEAL PU SEALANT.



WATERPROOFING WITHOUT WORKING SPACE FOR UNDER GROUND AND LINING FOR WATER TANK

SCALE: Off Scale

- ① - COMPACTED GROUND
- ② - VAPOUR BARRIER
- ③ - BLINDING CONCRETE (SMOOTH SURFACE)
- ④ - SEPARATION LAYER IF REQUIRED
- ⑤ - INSUWRAP PVC. 2000 TNL
- ⑥ - PROTECTION FELT (NON-WOVEN POLYESTER 200gr./m2)
- ⑦ - PROTECTION CONCRETE SCREED
- ⑧ - R.C. WATER TANK SHELL
- ⑨ - PROTECTION FELT (NON-WOVEN POLYESTER)
- ⑩ - INSUWRAP PVC. 1500 LNTR
- ⑪ - P.V.C. COATED METAL STRIP(50mm WIDTH)
- ⑫ - HOT AIR WELDING
- ⑬ - INSURSEAL PU SEALANT.
- ⑭ - SOFT SAND FILLING
- ⑮ - MASONRY BLOCK WALL

