

**Part 1            General**

**1.1                SECTION INCLUDES**

- .1      Building perimeter weep drainage system.
- .2      Filter aggregate, fabric and bedding.

**1.2                RELATED SECTIONS**

- .1      Section 31 23 00 – Excavating and fill.

**1.3                REFERENCES**

- .1      ASTM D2729 - Poly (VinylChloride) (PVC) Sewer Pipe and Fittings.

**Part 2            Products**

- .1      Corrugated Plastic Tubing: Flexible type; 4 inch diameter, c/w geotextile fabric sock, fittings and related items as manufactured by Big 'O' Drain Tile Co. Ltd..
- .2      Use perforated pipe at subdrainage system; unperforated through sleeved walls.

**2.2                AGGREGATE AND BEDDING**

- .1      Filter Aggregate and Bedding Materials: clean natural stone ½” -1” size, free from fines, shale, clay and friable materials

**2.3                ACCESSORIES**

- .1      Pipe Coupling: Solid plastic.
- .2      Filter Fabric: Water pervious type, black polyolefin.

**Part 3            Execution**

**3.1                EXAMINATION**

- .1      Verify waterproofing installation has been inspected.
- .2      Verify that excavated base is ready to receive work and excavations, dimensions, and elevations are as indicated on Drawings.

**3.2                PREPARATION**

- .1      Hand trim excavations to required elevations.
- .2      Remove large stones or other hard matter which could damage drainage piping or impede consistent backfilling or compaction.

**3.3           INSTALLATION**

- .1       Install and join pipe and pipe fittings in accordance with pipe manufacturer's instructions.
- .2       Place drainage pipe on clean cut subsoil.
- .3       Install perforated corrugated plastic tubing (weeping tile) and related items on min. slope of 1%.
- .4       Place pipe with perforations facing down. Mechanically join pipe ends.
- .5       Install pipe couplings.
- .6       Connect new foundation drainage to existing foundation drainage piping.
- .7       Install clean stone aggregate at sides, over joint covers and top of pipe. Provide top cover compacted thickness of 16" and 12" on sides.
- .8       Connect to existing weeping tile system.

**3.4           PROTECTION**

- .1       Protect pipe and aggregate cover from damage or displacement until backfilling operation begins.

**END OF SECTION**