PART 1 - GENERAL

1.1 SUMMARY

A. Includes But Not Limited To:
   1. Furnish and install granular base under interior slabs-on-grade as described in Contract Documents.

B. Products Installed But Not Supplied Under This Section:
   1. Under-slab vapor retarder and seam tape.

C. Related Sections
   1. Section 03 3053: Granular base under miscellaneous cast-in-place concrete.
   2. Section 07 2616: Furnishing of vapor retarder and seam tape.
   4. Section 32 1216: Base course under asphalt paving.
   5. Section 32 1313: Base course under concrete paving.

1.2 REFERENCES

A. American Society For Testing And Materials:
   1. ASTM E 1643-98, 'Standard Practice for Installation of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs.'

1.3 SEQUENCING

A. Install vapor retarder and granular base system after application of termite control and before placing concrete. If termite control is disturbed or receives precipitation before being covered with vapor retarder, re-apply termite control.

PART 2 - PRODUCTS

2.1 GRANULAR BASE

A. Gravel: 1/4 inch 6mm minimum to one inch 25 mm maximum well-graded, clean gravel or crushed rock.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install vapor retarder in accordance with ASTM E 1643 and following instructions:
   1. Install vapor retarder over compacted sub-grade and tops of interior stem walls so entire area under slab is covered.
   2. Lap joints 3 inches 75 mm minimum and seal with specified seam tape.
   3. Seal vapor retarder around pipes, conduits, and other utility items that penetrate vapor retarder using factory-fabricated boot installed as recommended by Manufacturer.
4. Except for punctures required for reinforcing and anchor bolts at top of stem walls, seal tears and punctures before placing granular base.

B. Place 4 inches 100 mm minimum of granular base over vapor retarder, level, and compact with two passes of 2-1/2 ton minimum roller.

C. Do not allow water onto vapor retarder or granular base before placing concrete.

3.2 FIELD QUALITY CONTROL

A. Notify Architect 2 days before installation of concrete to allow inspection of vapor retarder and granular base installation.

END OF SECTION