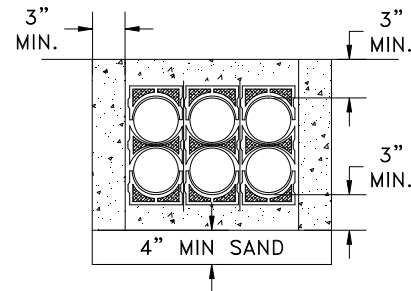
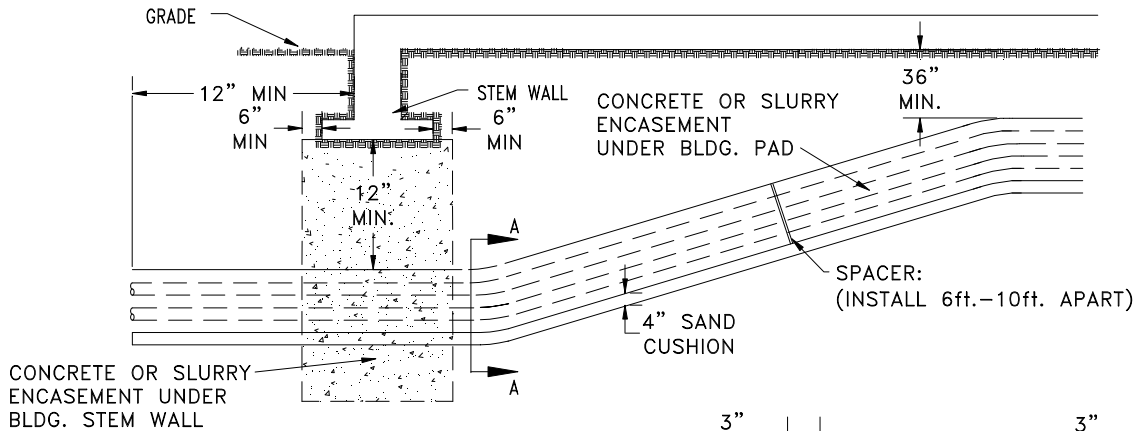


CONDUIT INSTALLATION BENEATH BUILDINGS, FOUNDATIONS & SLABS

PREFERRED

RIGID PLASTIC CONDUIT – CONCRETE ENCASED

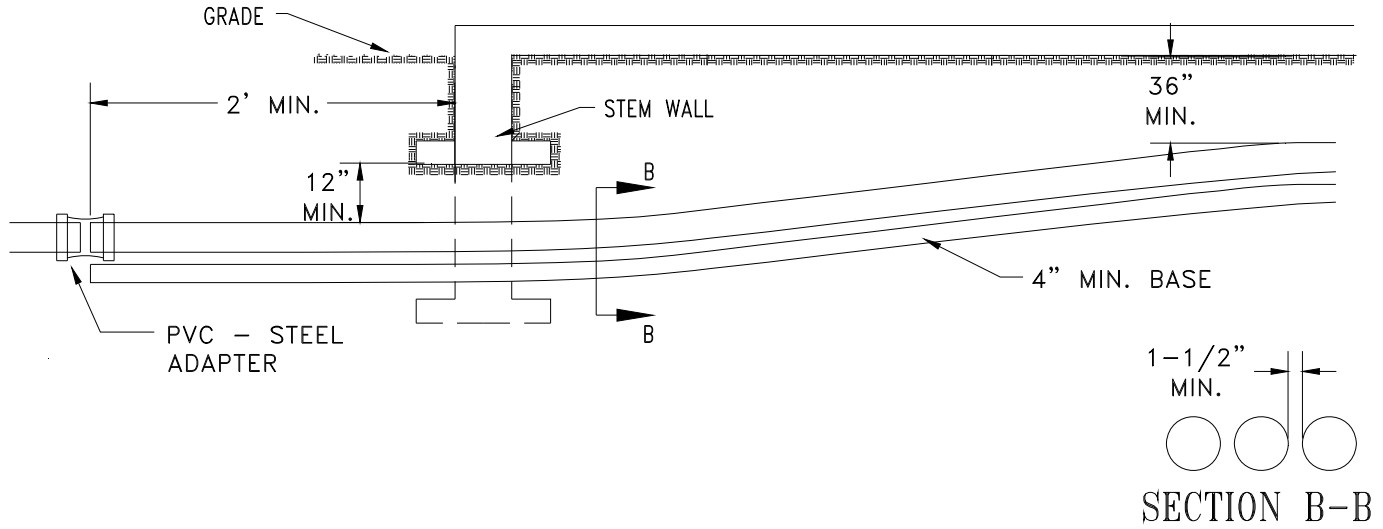


SECTION A-A

1. DB-120 duct bank must rest on sand cushion and be surrounded on all sides with a 3" min. concrete cover. Allow concrete to flow between ducts to assure complete encasement. **Light Concrete or 3 bag slurry mix per inspector approval.**
2. No service conduit is allowed under one building to serve another building.
3. Installation must be **inspected by NVE** prior to backfill and concreting.
4. Finish backfill with sand/select material and compact to 90% density.
5. Spacers to be installed on 4 ft. - 10 ft. centers, refer to CD0001U for details.
6. Service conduit installed to internal electrical rooms, will be installed, owned and maintained by customer.
7. Flex Conduit is not permitted.
8. Refer to Volume 17, CB0003U, Tables 1 or 2, for number and size of conduits required.
9. Refer to Volume 17, CD0001U, Section 16 for other concrete encasement requirements.

				VOLUME 17 – ENGINEERING & CONSTRUCTION STANDARD		CD0003U
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ALTERNATE
RIGID STEEL CONDUIT



1. Conduits must be separated a minimum of 1-1/2".
2. Installation must be **inspected by NVE** prior to backfill.
3. Backfill trench with sand/select material and compact to 90% density.
4. Do not use EMT conduit in place of rigid steel.
5. Service conduit installed to internal electrical rooms will be installed, owned and maintained by customer.
6. Each conduit to contain 1 set of phase wires plus neutral.
7. Refer to Volume 17, CB0003U, for number and size of conduits.

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