

BASIN INSTALLATION INSTRUCTIONS

- 1) INSPECT ALL MATERIALS SUPPLIED BY AND OR INSTALLED BY AK INDUSTRIES TO ASSURE THERE ARE NO DAMAGES DUE TO SHIPPING PRIOR TO INSTALLATION.
- 2) EXCAVATE HOLE LARGE ENOUGH TO ACCOMMODATE BASIN, UNDER GROUND PIPING, BACKFILL MATERIAL, AND ADEQUATE WORKING SPACE.
- 3) PREPARE THE BOTTOM OF THE EXCAVATED HOLE WITH 6" OF BACKFILL MATERIAL OR CONCRETE PAD. CHECK BASE TO INSURE IT IS LEVEL AND SMOOTH.
- 4) INSTALL BASIN ON GRAVEL BASE OR CONCRETE PAD, ANCHOR IF NECESSARY.
- 5) CONCRETE MAY BE POURED AROUND BASIN BOTTOM IF BALLAST IS REQUIRED FOR BUOYANCY.
- 6) BACKFILL WITH PEA GRAVEL 4" TO 6" AROUND THE ENTIRE PERIPHERY OF THE BASIN. COMPACT BACKFILL MATERIAL IN 12" LIFTS. STOP AND CONNECT PIPING AS REQUIRED.

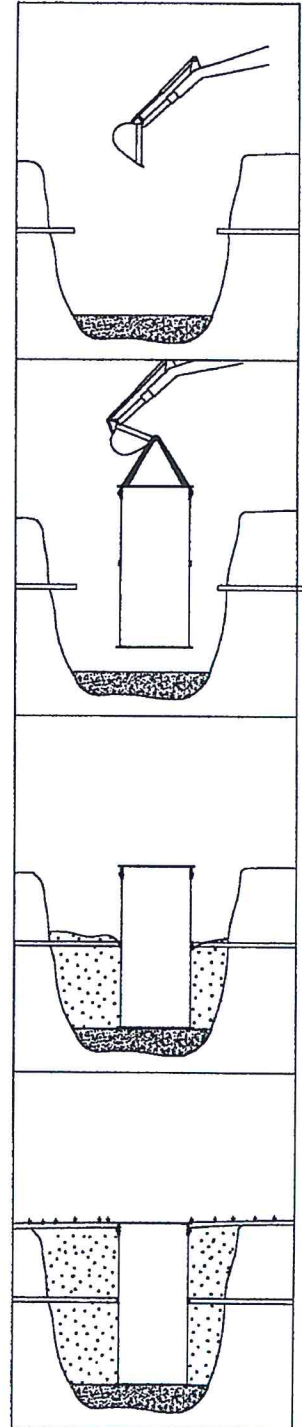
RECOMMENDED BACKFILL MATERIAL

GRAVEL OR STONE TO BE FREE FLOWING, NATURALLY ROUNDED AGGREGATE WITH A PARTICLE SIZE OF NOT LESS THAN 3/8" OR LARGER THAN 3/4" IN DIAMETER.

CAUTION: IF BURIAL DEPTH IS GREATER THAN THE BASIN HEIGHT, CONSULT A FACTORY REPRESENTATIVE. TO ASSURE STRUCTURAL INTEGRITY IS NOT COMPROMISED, **REINFORCEMENT MAY BE REQUIRED.**

CAUTION: IN FREEZING CONDITIONS BACKFILL MATERIAL MUST BE DRY AND FREE OF ICE. DO NOT USE OTHER BACKFILL MATERIALS. IN AREAS WHERE THE SPECIFIED MATERIALS ARE NOT AVAILABLE, CONTACT AK INDUSTRIES, INC.

CAUTION: WARRANTY IS VOID IF OTHER THAN APPROVED BACKFILL MATERIALS ARE EMPLOYED WITHOUT PRIOR WRITTEN APPROVAL FROM AK INDUSTRIES, INC.



VALVE BOX INSTALLATION INSTRUCTIONS

- 1) INSPECT ALL MATERIALS SUPPLIED BY AND OR INSTALLED BY AK INDUSTRIES TO ASSURE THERE ARE NO DAMAGES DUE TO SHIPPING PRIOR TO INSTALLATION.
- 2) EXCAVATE HOLE LARGE ENOUGH TO ACCOMMODATE BASIN, UNDER GROUND PIPING, BACKFILL MATERIAL, AND ADEQUATE WORKING SPACE.
- 3) CREATE A STEP TO SUPPORT VALVE VAULT AND PREPARE THE BOTTOM OF THE EXCAVATED HOLE WITH 6" OF BACKFILL MATERIAL OR CONCRETE PAD. CHECK BASE TO INSURE IT IS LEVEL AND SMOOTH.
- 4) INSTALL VALVE BOX UNIT ON GRAVEL BASE OR CONCRETE PAD, ANCHOR IF NECESSARY.
- 5) CONCRETE MAY BE POURED AROUND BASIN BOTTOM IF BALLAST IS REQUIRED FOR BUOYANCY.
- 6) BACKFILL WITH PEA GRAVEL 4" TO 6" AROUND THE ENTIRE PERIPHERY OF THE BASIN. COMPACT BACKFILL MATERIAL IN 12" LIFTS. STOP AND CONNECT PIPING AS REQUIRED.

RECOMMENDED BACKFILL MATERIAL

GRAVEL OR STONE TO BE FREE FLOWING, NATURALLY ROUNDED AGGREGATE WITH A PARTICLE SIZE OF NOT LESS THAN 3/8" OR LARGER THAN 3/4" IN DIAMETER.

CAUTION: IF BURIAL DEPTH IS GREATER THAN THE BASIN HEIGHT, CONSULT A FACTORY REPRESENTATIVE. TO ASSURE STRUCTURAL INTEGRITY IS NOT COMPROMISED, **REINFORCEMENT MAY BE REQUIRED.**

CAUTION: IN FREEZING CONDITIONS BACKFILL MATERIAL MUST BE DRY AND FREE OF ICE. DO NOT USE OTHER BACKFILL MATERIALS. IN AREAS WHERE THE SPECIFIED MATERIALS ARE NOT AVAILABLE, CONTACT AK INDUSTRIES, INC.

CAUTION: WARRANTY IS VOID IF OTHER THAN APPROVED BACKFILL MATERIALS ARE EMPLOYED WITHOUT PRIOR WRITTEN APPROVAL FROM AK INDUSTRIES, INC.

