NOTES:

1. MACHINING MAY BE REQUIRED FOR PIPES OVER 650 MM. REFER TO PIT SCHEDULE FOR SIZES OF SPECIFIC PITS. PITS WITH MACHINING IN TWO DIRECTIONS REQUIRE SPECIAL STRUCTURAL DESIGN.

2. PIT REINFORCEMENT - F25, LAPS TO BE 300 MINIMUM.
   CLEAR COVER TO BE 50 MINIMUM. CORNER REINFORCEMENT MAY BE REDUCED.
   BACK-RUNS TO COMPLY WITH AS/NZS 4437.
   CONCRETE SHALL BE NORMAL-CLASS N32 STANDARD STRENGTH GRADE OR HIGHER
   COMPLYING WITH THE REQUIREMENTS OF AS 1379, EXPOSURE CLASSIFICATIONS UP TO
   AND INCLUDING B3.

3. PIT DEEPER THAN 1000 SHALL BE FITTED WITH STEP IRONS, PER SD 1044.

4. CAST IRON COVER SUBJECT TO HEAVY VEHICLE LOADING ARE REQUIRED TO
   SUPPORT A TEST LOAD OF 210 KN IN ACCORDANCE WITH VEGOAS' INTERIM TEST METHOD FOR TEST LOADING PIT COVERS, LINTELS AND LIDS.

5. CAST IRON COVER AND FRAME TO BE INSTALLED AS ONE UNIT.

6. CONCRETE MORTAR FOR COVER AND FRAME SHALL BE N32 AT 28 DAYS,
   WITH A MAX. SIZE AGGREGATE TAMP AND PENCIL VIBRATE.

7. EACH COVER SHALL HAVE WEIGHT AND CAPACITY CLEARLY IMPRINTED ON
   THE TOP.

8. PRECAST UNITS MAY BE CONSTRUCTED TO THE MANUFACTURER'S DETAILS.
   THE DESIGN SHALL COMPLY WITH THE AS 1316 BRIDGE DESIGN
   AND THE FOLLOWING ADDITIONAL REQUIREMENTS:
   - COMBINED FACTORED LATERAL PRESSURE AT ANY POINT AT THE ULTIMATE
     LIMIT STATE SHALL BE NOT LESS THAN 75 KPA.
   - ADEQUATE DRAINAGE SHALL BE PROVIDED TO FIT WALLS TO AVOID
     HYDRAULIC PRESSURE.
   - VERTICAL LOAD 210 KN APPLIED ANYWHERE ON PIT.
   - MINIMUM REINFORCEMENT AREA SHALL BE 150 mm²/m².
   - CONCRETE SHALL BE NORMAL-CLASS N32 STANDARD STRENGTH GRADE
     OR HIGHER COMPLYING WITH THE REQUIREMENTS OF AS 1379, EXPOSURE
     CLASSIFICATIONS UP TO AND INCLUDING B3.

GENERAL NOTES:

1. STANDARD PIT DIMENSIONS & SETTING OUT DETAILS
   SD 1001
2. UNMACHINED PITS
   SD 1021
3. REINFORCED PITS
   SD 1041
4. STEP RUNS
   SD 1061
5. LINTELS
   SD 1042
6. ALL DIMENSIONS ARE IN MILLIMETRES