NOTES:

1. BACKFILLING MAY BE REQUIRED FOR PIPES OVER 450 DIA REFER TO PIT SCHEDULE FOR SIZES OF SPECIFIC PITS. PITS WITH BACKFILLING IN TWO DIRECTIONS REQUIRE SPECIAL STRUCTURAL DESIGN.

2. PIT REINFORCEMENT - P22 LAPS TO BE 300 MINIMUM.
   CLEAR COVER TO BE 10 MINIMUM. CORNER RETURN REINFORCEMENT MAY BE FABRIC OR EQUIVALENT BARS. BARS GRADE 40/70 & FABRICS TO COMPLY
   WITH AS/NSZ 6471. CONCRETE SHALL BE NORMAL-CLASS N2B STANDARD STRENGTH GRADE OR HIGHER COMPLYING WITH THE REQUISITE AS 1379, EXPOSURE CLASSIFICATIONS UP TO AND INCLUDING B1.

3. PITS DEEPER THAN 1000 SHALL BE FITTED WITH STEP IRONS REFER SD 1041.
   THESE SHALL BE ALIGNED DIRECTLY BELOW THE OPENING IN THE COVER.

4. PRECAST UNITS MAY BE CONSTRUCTED TO THE MANUFACTURER'S DETAILS.
   THE DESIGN SHALL COMPLY WITH THE AS 1001 BRIDGE DESIGN
   AND THE FOLLOWING ADDITIONAL REQUIREMENTS:
   - COMBINED FACTORED LATERAL PRESSURE AT ANY POINT AT THE ULTIMATE
     LIMIT STATE SHALL NOT BE LESS THAN 25 KPa.
   - ADEQUATE DRAINAGE SHALL BE PROVIDED TO PIT WALLS TO AVOID HYDROSTATIC PRESSURE.
   - VERTICAL LOAD 270 kN APPLIED ANYWHERE ON PIT.
   - MINIMUM REINFORCEMENT AREA SHALL BE 0.6% /m.
   - CONCRETE SHALL BE NORMAL-CLASS N2B STANDARD STRENGTH GRADE
     OR HIGHER COMPLYING WITH THE REQUIREMENTS OF AS 1379, EXPOSURE
     CLASSIFICATIONS UP TO AND INCLUDING B1.

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

6. CONCRETE INFILL FOR COVER AND FRAME SHALL BE N2B AT 28 DAYS,
   WITH 10 MAX SIZE AGGREGATE TAMP AND PENCIL VIBRATE.

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

8. THIS COVER SHOULD BE USED IN AREAS SUBJECT TO TRUCK LOADING.

GENERAL NOTES

1. STANDARD PIT DIMENSIONS & SETTING OUT DETAILS
   SD 1001
2. CONCRETE PITS
   SD 1002
3. BACKFILLING PITS
   SD 1003
4. STEP IRONS
   SD 1041
5. ALL DIMENSIONS ARE IN MILLIMETRES