NOTES:

1. MAUNURING MAY BE REQUIRED FOR PITS OVER 450 MM REFER TO SITE SCHEDULE FOR SIZES OF SPECIFIC PITS, PITS WITH MAUNURING IN TWO OR MORE DIRECTIONS REQUIRE SPECIAL STRUCTURAL DESIGN.

2. PIT REINFORCEMENT - FABRIC FABRIC IN SHAFT SHALL HAVE THE MAIN BAR POSITIONED HORIZONTALLY, LAPS TO BE 300 MM, CLEAR COVER TO BE 50 MM. CORNER REINFORCEMENT MAY BE FABRIC OR EQUIVALENT BARS, BARS GRADE 500 & FABRICS TO COMPLY WITH AS/NA/4653, CONCRETE SHALL BE NORMAL-CLASS N32 STANDARD STRENGTH GRADE OR HIGHER, COMPLYING WITH THE REQUIREMENTS OF AS 1379, EXPOSURE CLASSIFICATIONS UP TO AND INCLUDING B7.

3. PITS DEEPER THAN 1000 MM SHALL BE FITTED WITH STEP ROANS, REFER SD 1047.

4. CONCRETE FRAMES TO BE SET ON 5 mm OF MORTAR.

5. PRECAST UNITS MAY BE CONSTRUCTED TO THE MANUFACTURER'S DETAILS, THE DESIGN SHALL COMPLY WITH THE AS 5100 REINFORCEMENT DESIGN AND THE FOLLOWING ADDITIONAL REQUIREMENTS:
- COMBINED FACTURED LATERAL PRESSURE AT ANY POINT AT THE ULTIMATE LIMIT STATE SHALL BE NOT LESS THAN 25 kPa.
- ADEQUATE DRAINAGE SHALL BE PROVIDED TO PROTECT WALLS AND AVOID HYDRAULIC PRESSURE.
- VERTICAL LOAD SHALL BE APPLIED ANYWHERE ON PITS.
- MINIMUM REINFORCEMENT AREA SHALL BE 0.05 m²/m.
- CONCRETE SHALL BE NORMAL-CLASS N32 STANDARD STRENGTH GRADE OR HIGHER, COMPLYING WITH THE REQUIREMENTS OF AS 1379, EXPOSURE CLASSIFICATIONS UP TO AND INCLUDING B8.

6. IN AREAS SUBJECT TO TRUCK LOADS, USE DOUBLE SIDE ENTRY PITS WITH HEAVY DUTY COVERS IN DRAWING NO. SD 1371.

GENERAL NOTES:

1. STANDARD DETAIL SHEETING & SETTING OUT DETAILS
2. UNMANURED PITS
3. NON-UNMANURED PITS
4. MINIMUM CLEARANCES
5. STEPS, ETC
6. DRAWS
7. ALL DIMENSIONS ARE IN MILLIMETRES

STANDARD DRAWING
SIDE ENTRY PIT (SM KERB)
CONCRETE COVER - 15 METRE INLET

DRAWING NO. SD 1311
SCALE 1:10 SCALE
DATE 2022

SIGNATURES
PRINCIPAL ROAD DESIGN ENGINEER
SOLIDIFICATION DESIGNER
PROJECT MANAGER
CHECKED
CHECKED
DRAWN
CHECKED
APPRENTICE
QMS COORDINATOR
PRINCIPAL ROAD DESIGN ENGINEER