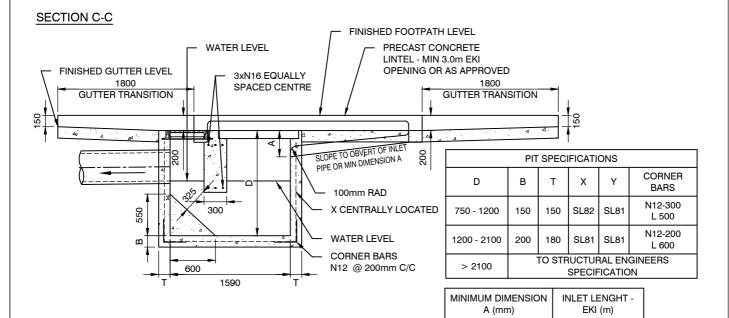
## **PLAN** DUCTILE IRON, CLASS D & BIKE SAFE GRATE AND FRAME PRECAST CONCRETE LINTEL - MIN 3.0m EKI OPENING OR AS APPROVED CONCRETE AROUND GRATE TO BE FINISHED WITH EDGING TOOL 5 RAD SECTION B-B 380 KERB LINE KERB LINE **GUTTER LIP GUTTER LIP** 150 150 840 300 450 **ROADWAY ROADWAY**



## 250 400 3.0 450 **SECTION A-A** 500 NOTES:

## PRECAST CONCRETE LINTEL - MIN 3.0m EKI OPENING OR AS APPROVED DUCTILE IRON, CLASS **FOOTPATH AS** D & BIKE SAFE GRATE PER STANDARD AND FRAME X CENTRALLY LOCATED **CORNER BARS** N12 @ 200mm C/C Y CENTRALLY **SCALE 1:50** LOCATED

A (mm)

- COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS TO BE 1. 32MPa.
- 75mm MINIMUM BENCHING TO HALF PIPE HEIGHT TOTAL 2. BENCHING TO OBVERT OF PIPE.
- 100mm@ SUBSOIL DRAINAGE PIPE 3.0m LONG WRAPPED IN 3 FABRIC SOCK TO BE PROVIDED IN PIPE TRENCHES ADJACENT TO INLET PIPES.
- PROVIDE STEP IRONS WHERE PIT IS DEEPER THAN 1.0m AT 300mm CENTRES.
- PITS OVER 2.1m IN DEPTH TO BE DESIGNED BY STRUCTURAL
- GRATES SHALL BE BICYCLE SAFE AND HAVE MAXIMUM INLET 6. CAPACITY. ALL GRATES MUST BE APPROVED BY THE CITY'S REPRESENTATIVE.
- REINFORCEMENT TO COMPLY WITH AS 1302, 1303 & 1304.
- DRAINAGE PIPE TO BE MINIMUM Ø375 CLASS 4 REINFORCED 8 **CONCRETE PIPE**

NOTE: ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED

CITY OF SYDNEY

PITS & PIPES TRAPPED GULLY PIT WITH EXTENDED KERB INLET

DRAINAGE D Rev Dwg No. 01 12 19 Date 7.1.5 PS Approved