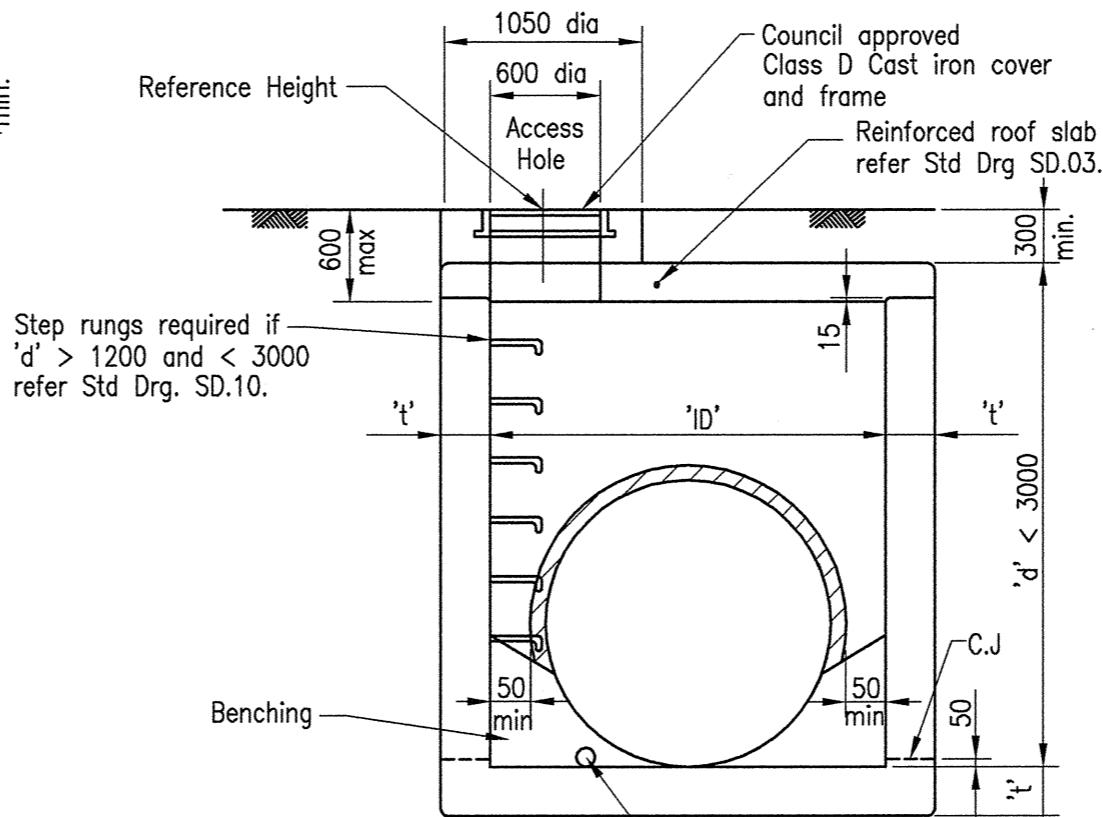


NOTE:
Step rungs are not to be installed where 'd' > 3000

100 dia. agg. pipe stub with sock, 1000 long with end cap installed on the upstream side of access chamber (unless directed otherwise). The stub is required to dewater the pipe trench.

TYPICAL SECTION - ACCESS CHAMBER WHERE 'd' > 3000 BUT < 5000

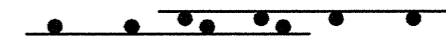


Step rungs required if 'd' > 1200 and < 3000 refer Std Drg. SD.10.

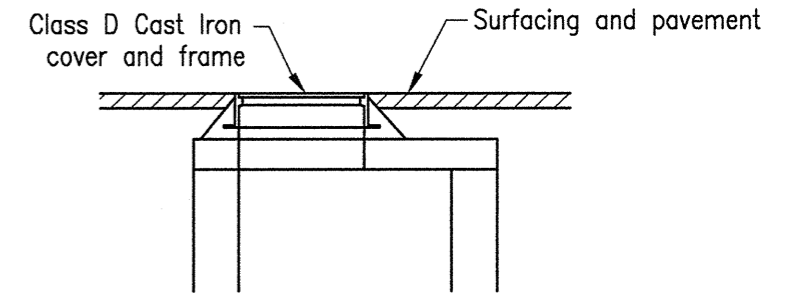
100 dia. agg. pipe stub with sock, 1000 long with end cap, installed on the upstream side of access chamber (unless directed otherwise). The stub is required to dewater the pipe trench

TYPICAL SECTION - ACCESS CHAMBER WHERE 'd' ≤ 3000

Min. lap = Two wires of one sheet to overlap corresponding bars of second sheet.



MESH LAP DETAIL



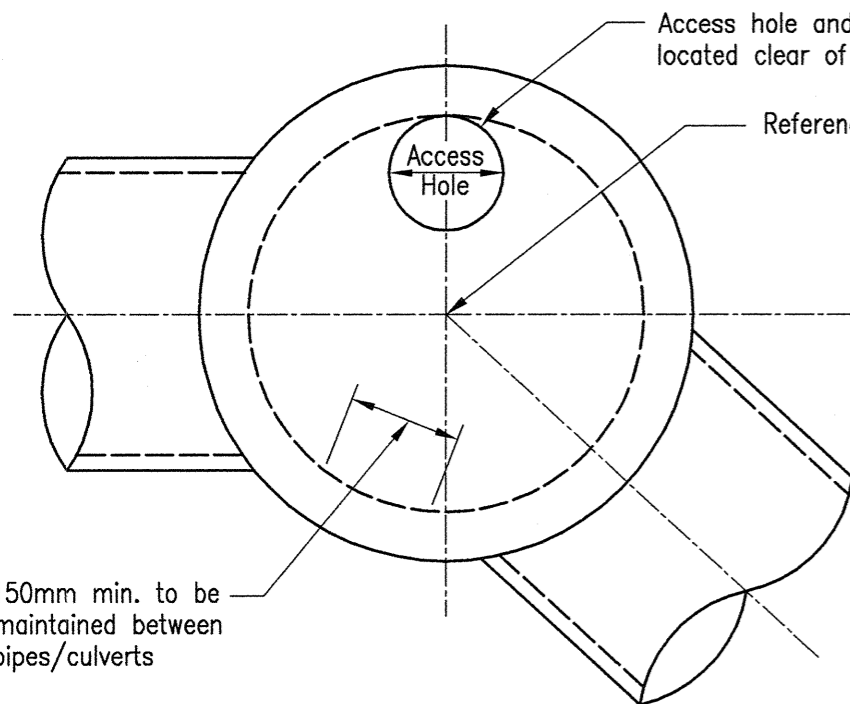
TREATMENT IN ROADWAY

TABLE

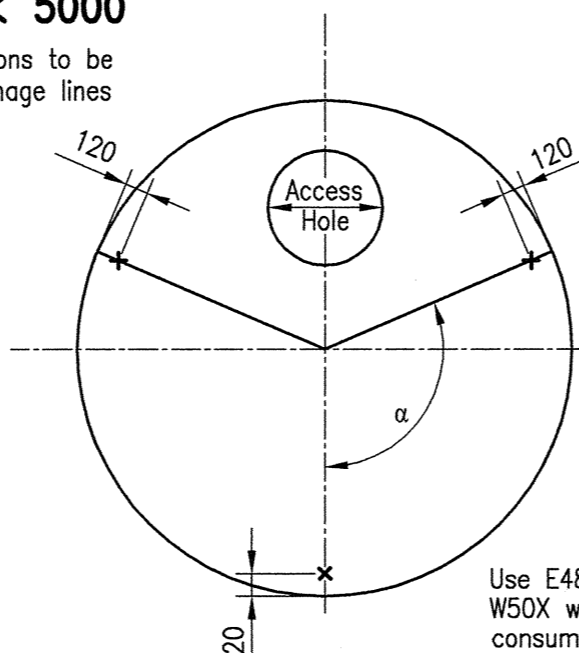
'ID'	't'
1050	225
1200	225
1500	225
1800	250
2100	250

NOTES

- Concrete Class to be N32/20 in accordance with AS 1379 and AS 3600.
- Cover to Reinforcing Steel to be 40mm unless shown otherwise.
- All Exposed Edges to have 15 x 15 chamfers unless shown otherwise.
- Reinforcing Steel to be Grade 400Y to AS 4671 unless shown otherwise. Reinforcing mesh to AS 4671
- Refer Project Drawings for reference height, setting out reference point, size and height of culverts.
- Precast Units may be used and installed to the manufacturer's details, provided they conform to AS 3600 and Australian Bridge Design Code.
- Live Load Surcharge, earth pressure and ultimate load factors are in accordance with Australian Bridge Design Code.
- Lifting Anchors to be 'swiftlift' or equivalent, 1.8 tonne, galvanised to AS/NZS 4680 and fitted to manufacturer's specifications.
- Covers and Frames shall comply with the requirements of AS 3996 Class D design load. Approved covers and frames are to be used.
- Dimensions are in millimetres unless shown otherwise.
- All Welds to AS 1554, Weld Symbols to AS 1101.3.

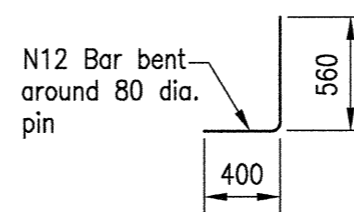


SETTING OUT DETAIL

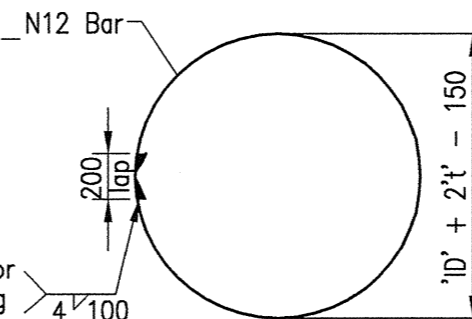


LIFTING ANCHOR LOCATIONS FOR PRECAST ROOF SLAB

$\alpha = 112^\circ$ for $\phi 1050-1200$
 $\alpha = 120^\circ$ for $\phi 1500-2100$



DETAIL - 'L' BAR



DETAIL - 'CT' BAR

REVISIONS					
AMENDMENT	INITIALS	DATE	AMENDMENT	INITIALS	DATE
F				L	
E				K	
D				J	
C				I	
B				H	
A				G	

IPSWICH CITY COUNCIL
45 Roderick St
P.O. Box 191
Ipswich QLD 4305
Australia

Tel (07) 3810 7894
Tel (07) 3810 7927
Fax (07) 3810 7950

APPROVED
PBDm
CHIEF OPERATING OFFICER (ES)
DATE *14.10.10*

STANDARD DRAWING
STANDARD ACCESS CHAMBER DETAILS
DIA 1050 TO 2100

DRAINAGE
SD.02
REV: B DRAWER: 206