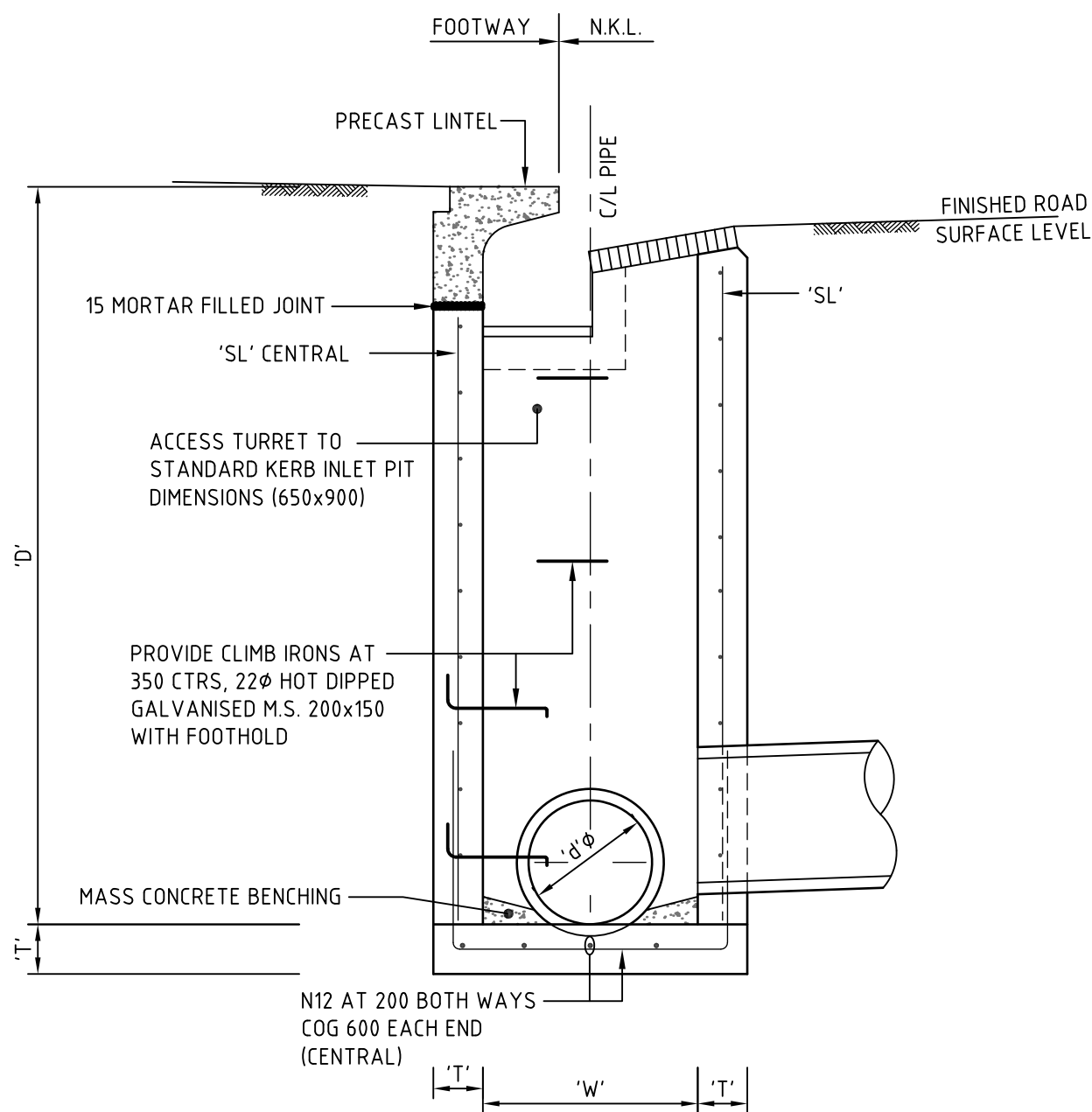
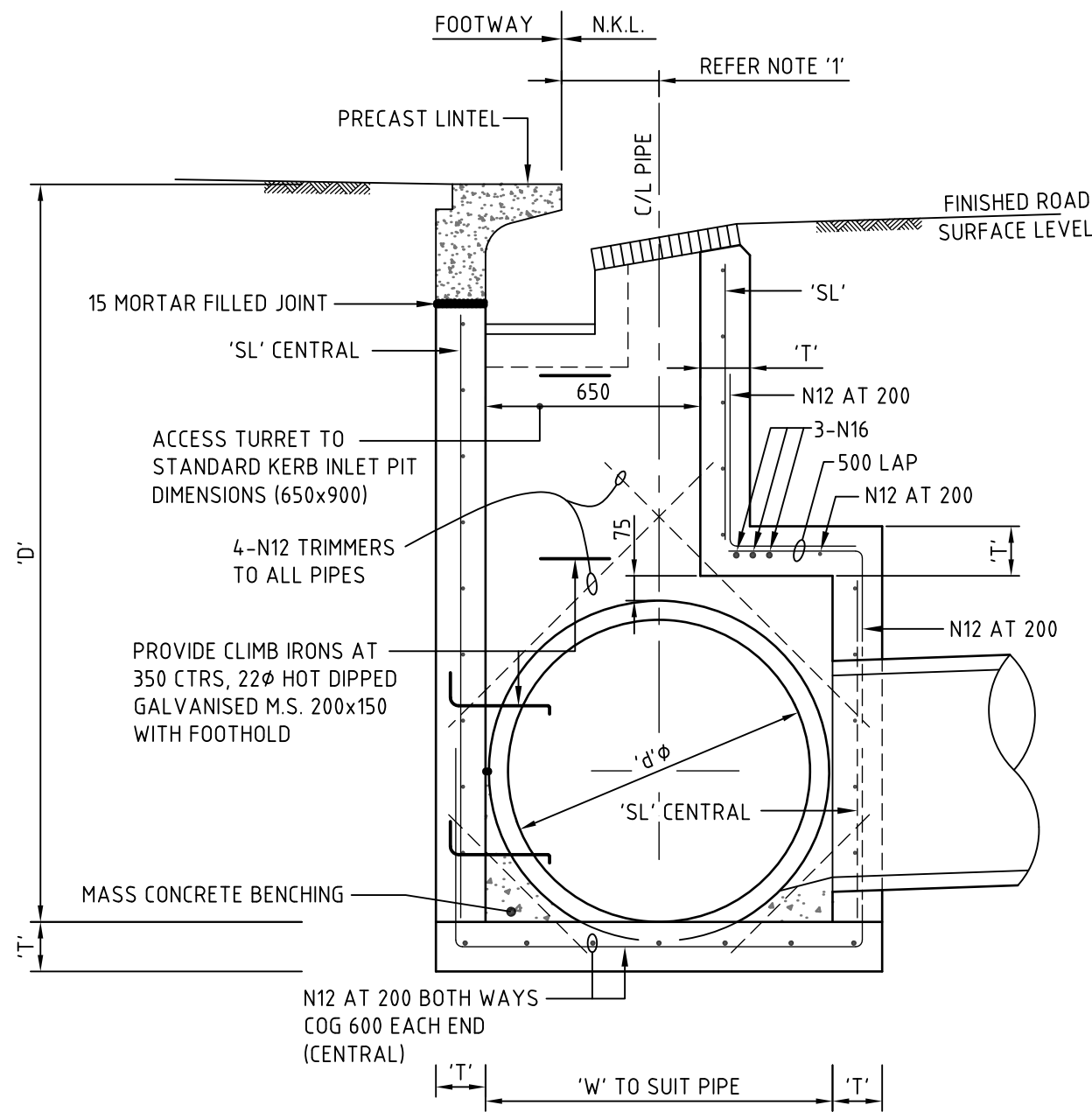




PIT TYPE 'A' DETAIL
STANDARD GRATED KERB INLET PIT
FOR PIPES UP TO 525Ø

SCALE: 1:20

PIPE DIA. 'ØØ'	WIDTH 'W'	DEPTH 'D'	WALL 'T'	FABRIC/COV 'SL'
375	650	800	150	SL72
	650	1200	150	SL72
	650	1600	150	SL72
	650	2000	150	SL72
	650	2400	150	SL72
450	650	800	150	SL72
	650	1200	150	SL72
	650	1600	150	SL72
	650	2000	150	SL72
	650	2400	150	SL72
525	650	800	150	SL72
	650	1200	150	SL72
	650	1600	150	SL72
	650	2000	150	SL72
	650	2400	150	SL72



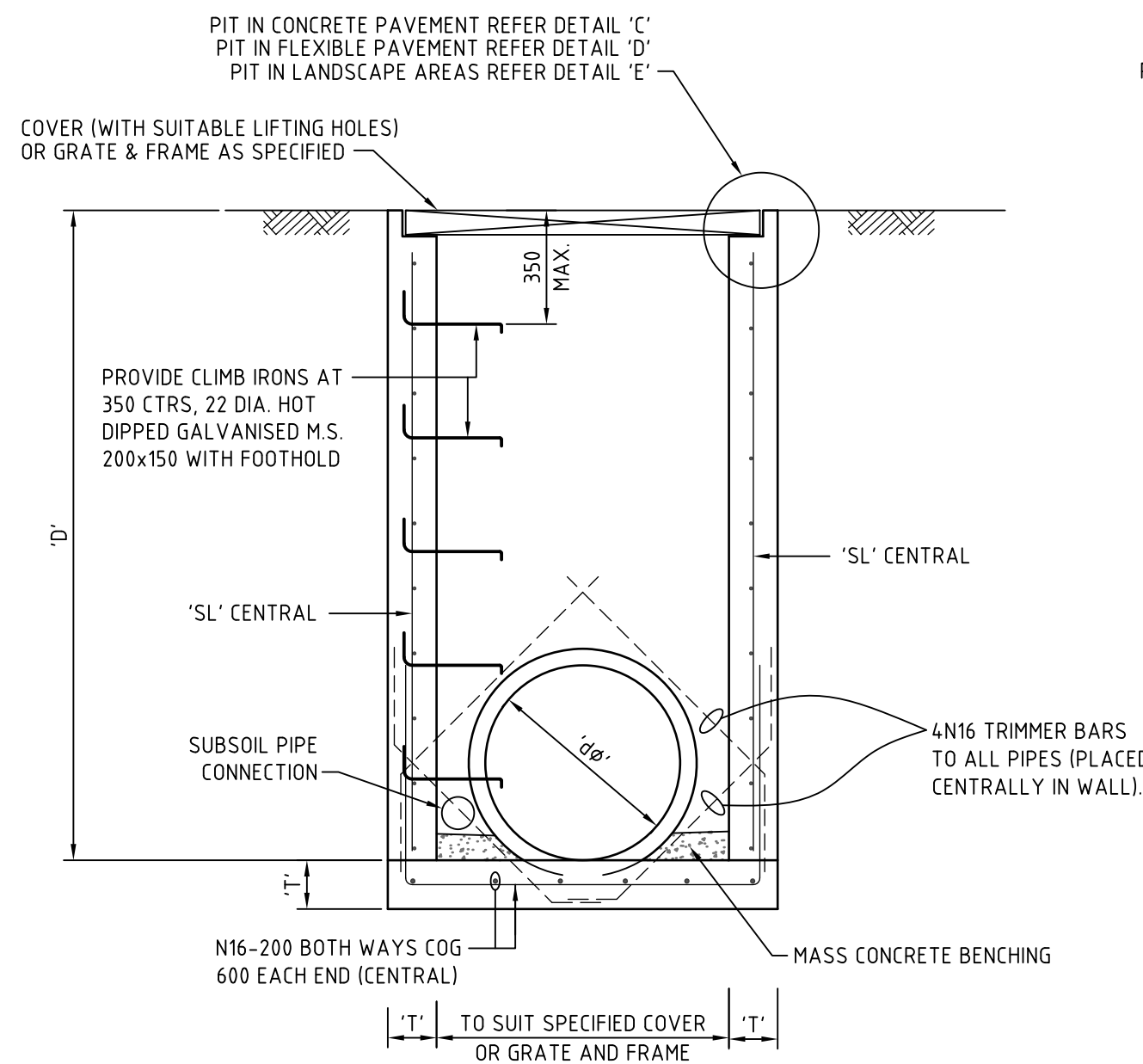
PIT TYPE 'B' DETAIL
STANDARD GRATED KERB INLET PIT
FOR PIPES FROM 600Ø TO 1350Ø

(ENLARGED CHAMBER)

SCALE: 1:20

PIPE DIA. 'ØØ'	WIDTH 'W'	DEPTH 'D'	WALL 'T'	FABRIC/COV 'SL'
600	850	1200	150	SL72
	850	1600	150	SL72
	850	2000	150	SL72
	850	2400	150	SL72
	850	2800	150	SL72
675	940	1200	150	SL72
	940	1600	150	SL72
	940	2000	150	SL72
	940	2400	150	SL72
	940	2800	150	SL72
750	1020	1200	150	SL72
	1020	1600	150	SL72
	1020	2000	150	SL72
	1020	2400	150	SL72
	1020	2800	150	SL72
825	1100	1600	150	SL72
	1100	2000	150	SL72
	1100	2400	150	SL72
	1100	2800	150	SL72
	1100	3200	150	SL72
900	1180	1600	150	SL72
	1180	2000	150	SL72
	1180	2400	150	SL72
	1180	2800	150	SL72
	1180	3200	150	SL72
1050	1345	1600	150	SL92
	1345	2000	150	SL92
	1345	2400	150	SL92
	1345	2800	150	SL92
	1345	3200	150	SL92
1200	1510	2000	150	SL102
	1510	2400	150	SL102
	1510	2800	150	SL102
	1510	3200	150	SL102
	1510	3600	150	SL102
1350	1690	2000	200	N12@150
	1690	2400	200	N12@150
	1690	2800	200	N12@150
	1690	3200	200	N12@150
	1690	3600	200	N12@150

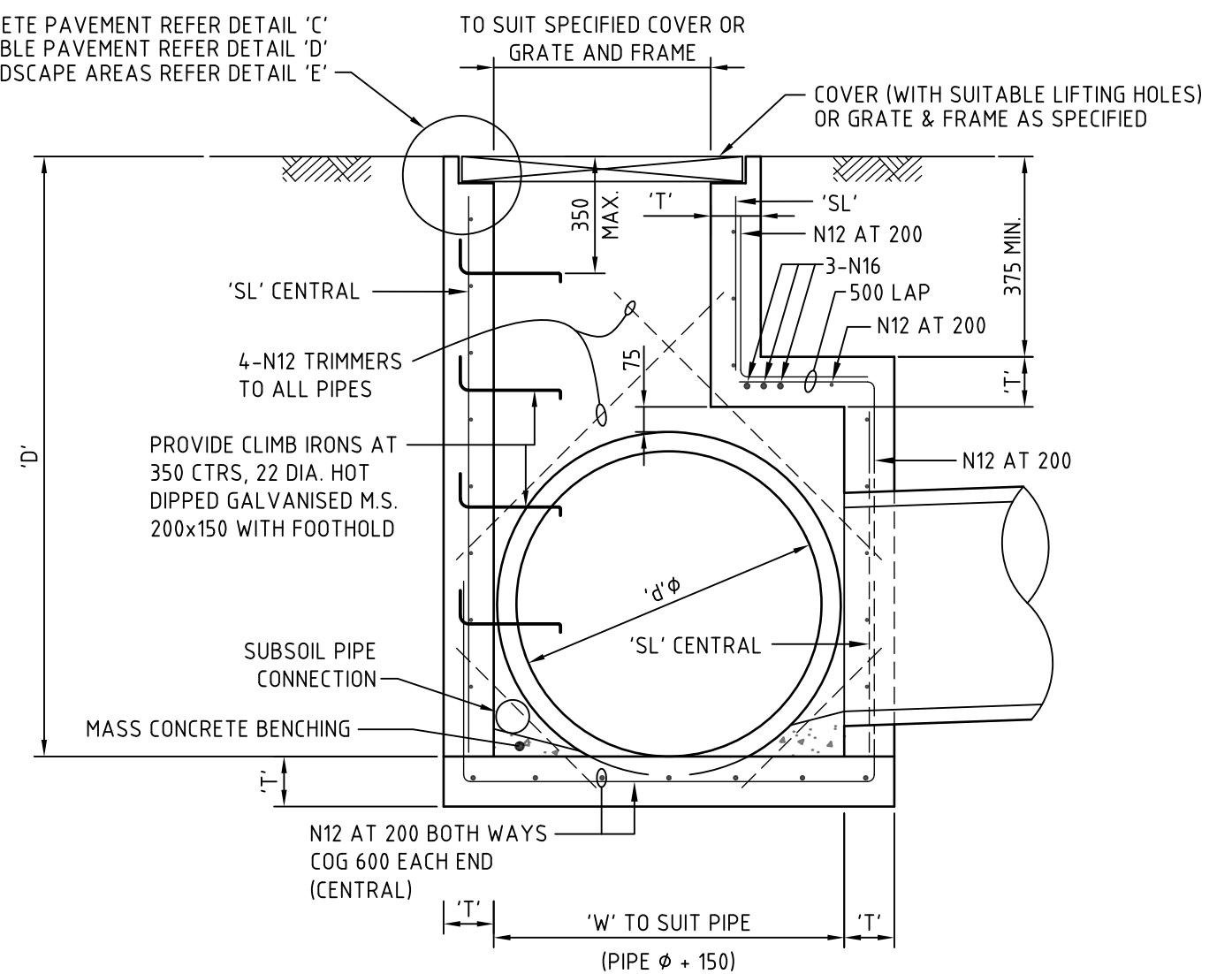
NOTE 1
150 FOR Ø600 DIA.
180 FOR Ø675 DIA.
220 FOR Ø750 DIA.
255 FOR Ø825 DIA.
370 FOR Ø1050 DIA.
445 FOR Ø1200 DIA.



PIT TYPE 'C' DETAIL
SURFACE INLET PIT
FOR PIPES UP TO 525Ø

SCALE: 1:20

PIPE DIA. 'ØØ'	WIDTH 'W'	DEPTH 'D'	WALL 'T'	FABRIC/COV 'SL'
375	650	800	150	SL72
	650	1200	150	SL72
	650	1600	150	SL72
	650	2000	150	SL72
	650	2400	150	SL72
450	650	800	150	SL72
	650	1200	150	SL72
	650	1600	150	SL72
	650	2000	150	SL72
	650	2400	150	SL72
525	650	800	150	SL72
	650	1200	150	SL72
	650	1600	150	SL72
	650	2000	150	SL72
	650	2400	150	SL72



PIT TYPE 'D' DETAIL
SURFACE INLET PIT
FOR PIPES FROM 600Ø TO 1350Ø

(ENLARGED CHAMBER)

SCALE: 1:20

PIPE DIA. 'ØØ'	WIDTH 'W'	DEPTH 'D'	WALL 'T'	FABRIC/COV 'SL'
600	850	1200	150	SL72
	850	1600	150	SL72
	850	2000	150	SL72
	850	2400	150	SL72
	850	2800	150	SL72
675	940	1200	150	SL72
	940	1600	150	SL72
	940	2000	150	SL72
	940	2400	150	SL72
	940	2800	150	SL72
750	1020	1200	150	SL72
	1020	1600	150	SL72
	1020	2000	150	SL72
	1020	2400	150	SL72
	1020	2800	150	SL72
825	1100	1600	150	SL72
	1100	2000	150	SL72
	1100	2400	150	SL72
	1100	2800	150	SL72
	1100	3200	150	SL72
900	1180	1600	150	SL72
	1180	2000	150	SL72
	1180	2400	150	SL72
	1180	2800	150	SL72
	1180	3200	150	SL72
1050	1345	1600	150	SL92
	1345	2000	150	SL92
	1345	2400	150	SL92
	1345	2800	150	SL92
	1345	3200	150	SL92
1200	1510	2000	150	SL102
	1510	2400	150	SL102
	1510	2800	150	SL102
	1510	3200	150	SL102
	1510	3600	150	SL102
1350	1690	2000	200	N12@150
	1690	2400	200	N12@150
	1690	2800	200	N12@150
	1690	3200	200	N12@150
	1690	3600	200	N12@150

NOTE

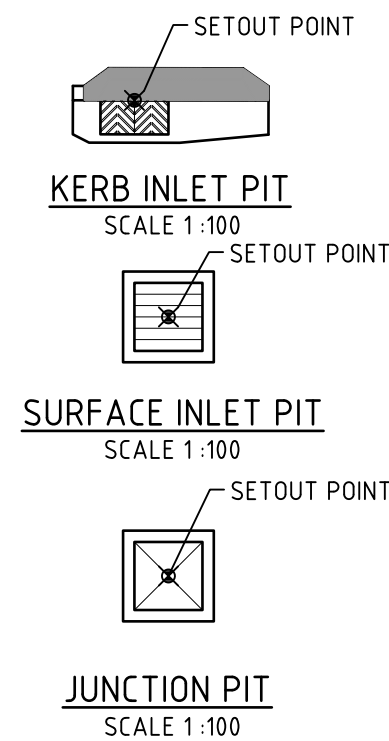
- FOR PIT SIZE REFER TO TABLE (900 MIN LONG).
- REINFORCING MESH IS TO BE BENT TO LAP 300 AROUND ALL CORNERS. VERTICAL BARS ARE NOT TO BE CUT. ALTERNATLY PROVIDE N12 "L" BARS (500x500) AT 400 VERTICAL CTS.
- COMPRESSIVE STRENGTH (F'c) FOR CAST IN SITU CONCRETE SHALL BE A MINIMUM 32 MPa AT 28 DAYS.
- TOP OF BENCHING SHALL BE 1/2 OF OUTLET PIPE DIAMETER.
- 100mm SUBSOIL DRAINAGE PIPE 3000 LONG WRAPPED IN FABRIC SOCK TO BE PROVIDE ADJACENT TO INLET PIPES.
- ALL PITS SHALL BE PROVIDED WITH A LOCKING CLIP.
- PIT GRATE TO BE 'WELDLOK' GULLY GRATE GG 78-50 OR APPROVED EQUIVALENT.
- DURING INSTALLATION OF GRATE AND FRAME CONTRACTOR IS TO ENSURE CLEARANCE BETWEEN LINTEL AND OPENED GRATE (REFER TO INSTALLATION TOLERANCE).
- PROVIDE STEP IRONS AS INDICATED FOR PITS DEEPER THAN 1200.
- N12 AT 200 CENTRAL MAY BE USED IN LEIU OF MESH. LAP 500 AT CORNERS

11. CONCRETE STRENGTH - UNLESS NOTED OTHERWISE

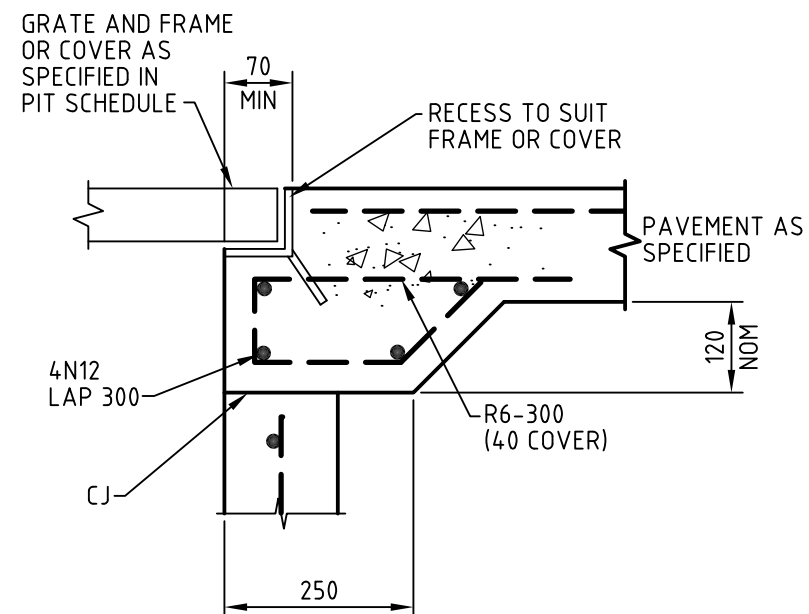
ELEMENT	f'c MPa (28 DAYS)	SLUMP	MAX AGG SIZE	CEMENT TYPE
PITS	32	80mm	20mm	GP

12. COVER - UNLESS NOTED OTHERWISE

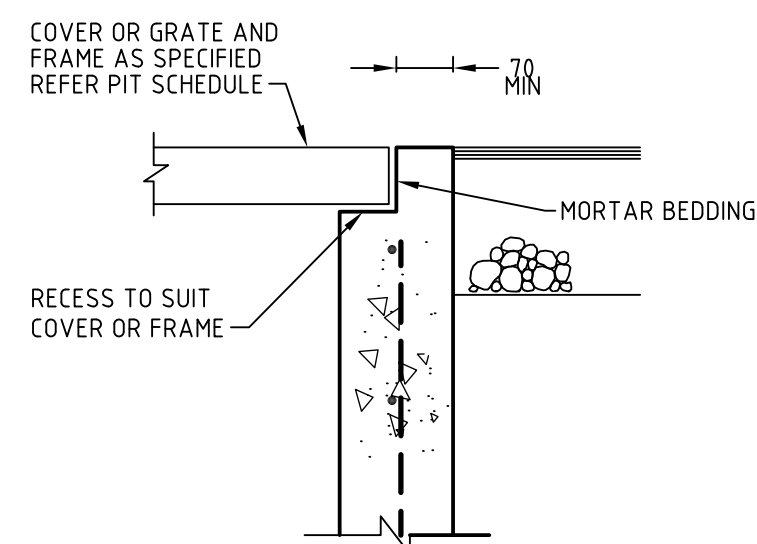
ELEMENT	INTERIOR	EXTERIOR
PITS		45mm
SLAB TOP	45mm	45mm
SLAB BOTTOM	45mm	45mm
BEAM TOP		
BEAM BOTTOM		
BEAM SIDE		
COLUMNS		



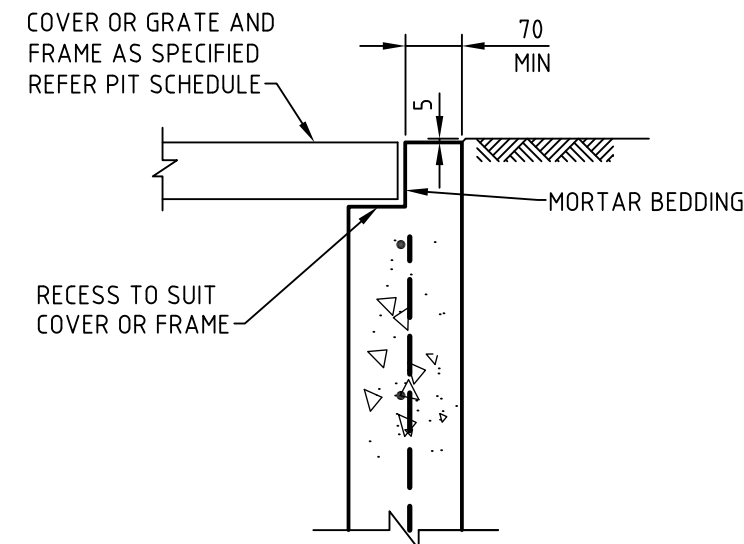
STORMWATER PIT
SETOUT POINTS



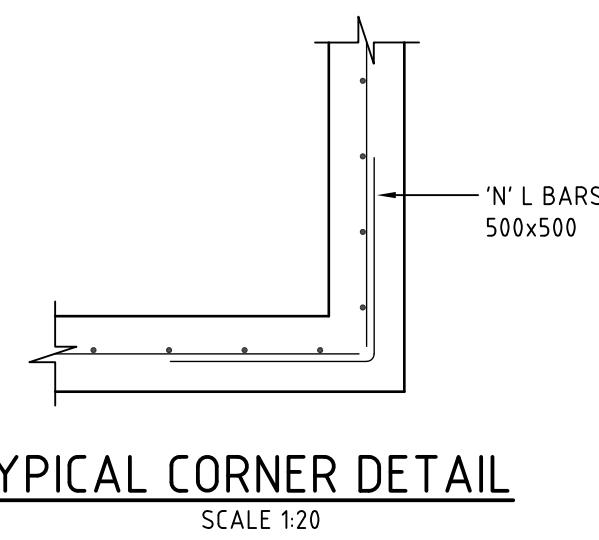
DETAIL "C"
SCALE 1:10



DETAIL "D"
SCALE 1:10



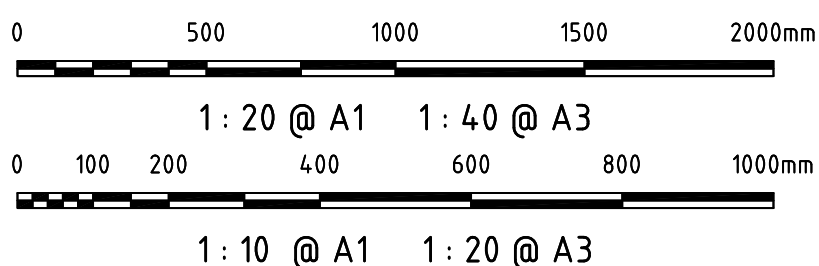
DETAIL "E"
SCALE 1:10



TYPICAL CORNER DETAIL
SCALE 1:20

Issue	Description	Date
B	ISSUED FOR APPROVAL	03-03-15
A	ISSUED FOR APPROVAL	15-12-14

Bar Scales



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Client

DIAL A DUMP

Scales

1 :10
1 :20

Drawn

FX

Designed

FX

Grid

MGA

Checked

AM

Height

AHD

Approved

Project

PRE SORT CENTRE
EASTERN CREEK

Title

DRAINAGE
DETAILS

Civil Engineers and Project Managers

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Status

FOR APPROVAL

A1

Drawing No.
DAC031

Project No.
14-232

Issue
B