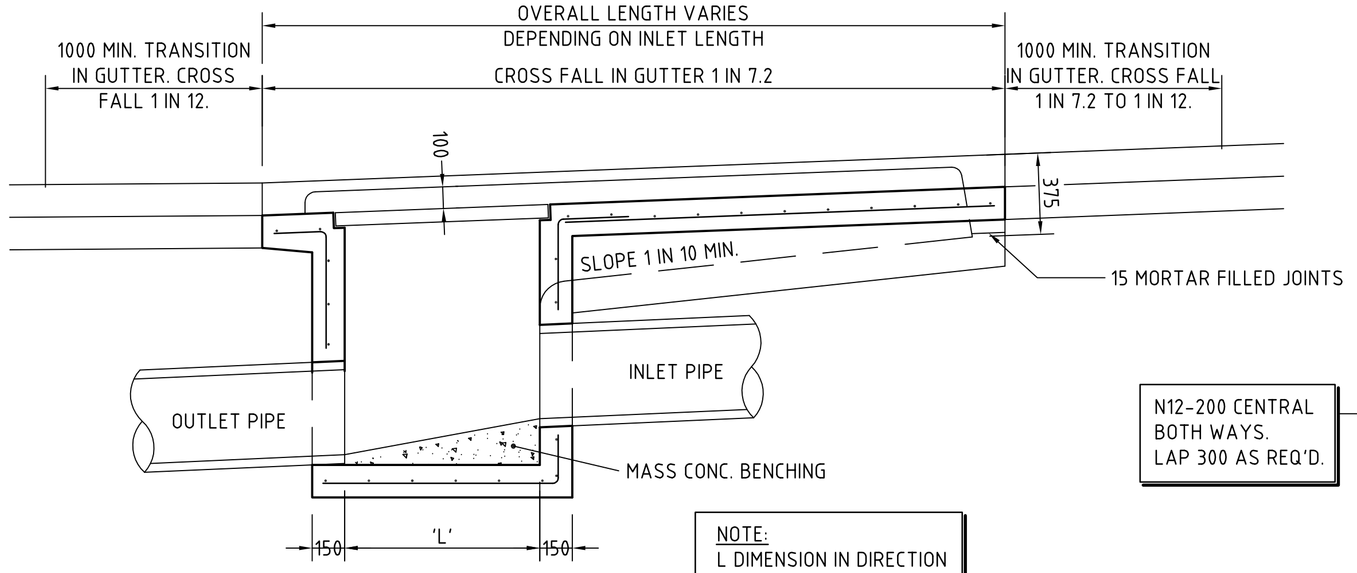
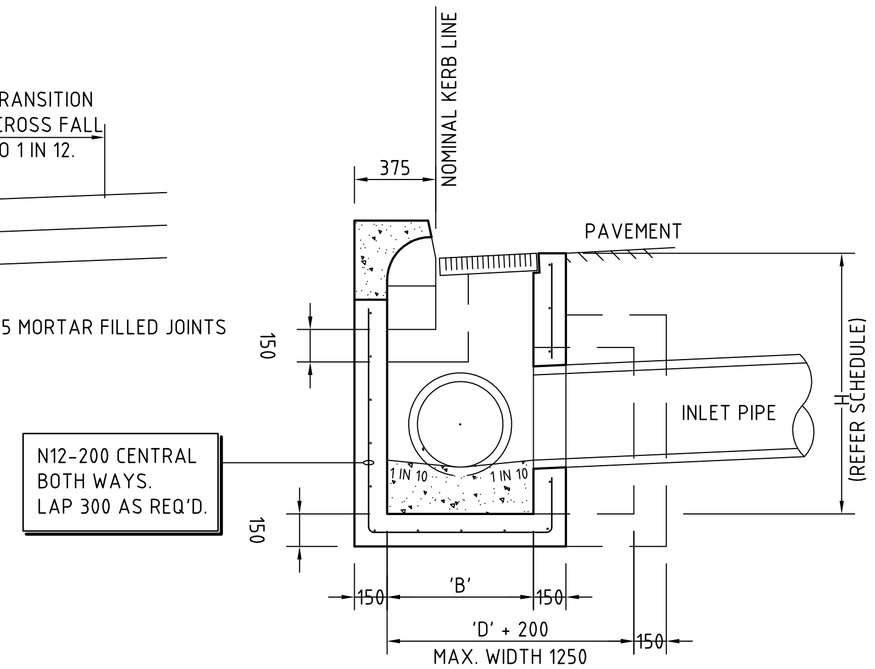
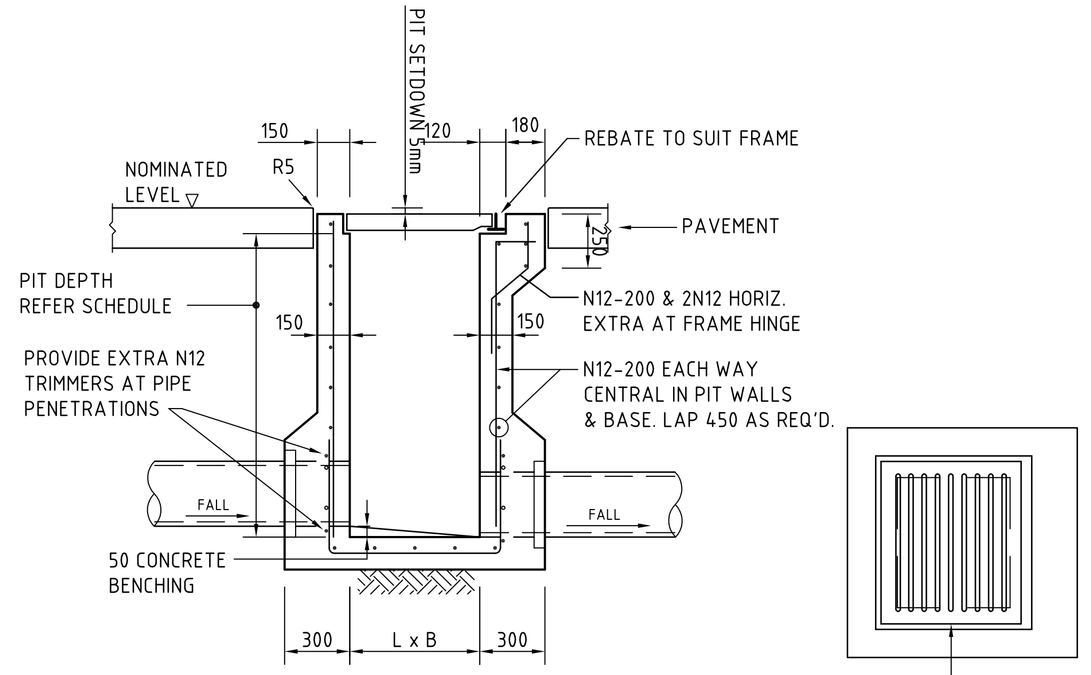


NOTE:
L DIMENSION IN DIRECTION OF DOWNSTREAM PIPE

LONG SECTION.
SCALE 1:20



CROSS SECTION.
SCALE 1:20



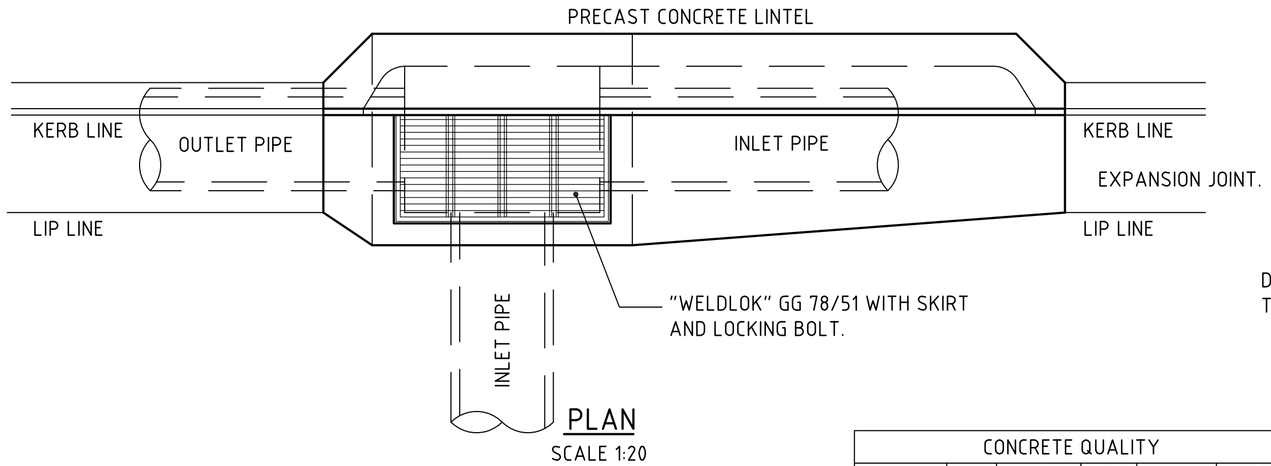
SEE SCHEDULE
L DIMENSION IN DIRECTION OF DOWNSTREAM PIPE

SECTION
SCALE 1:20

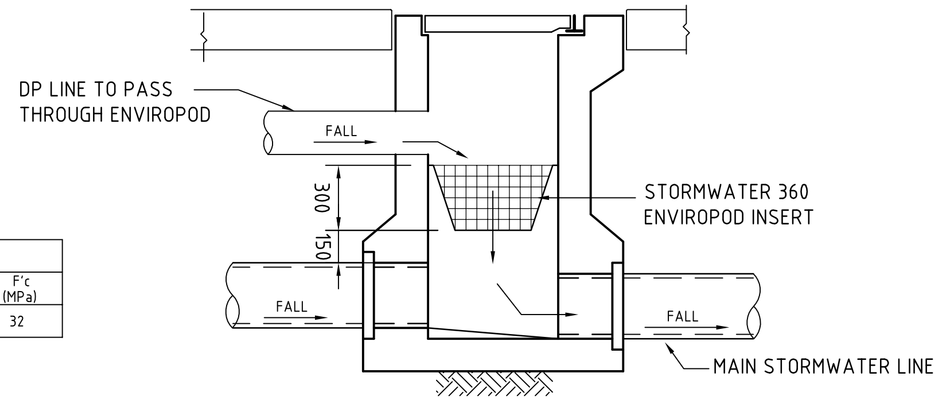
H.D. CAST IRON GRATE & TEE BAR FRAME 'GATIC' OR EQUAL SEE SCHEDULE

PLAN
SCALE 1:20

SINGLE GRATED GULLY PIT - SGGP



PLAN
SCALE 1:20

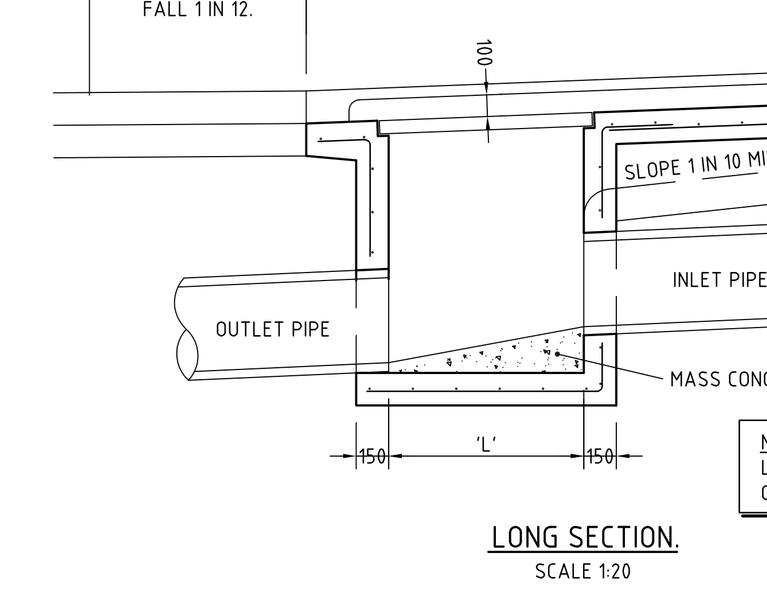


ROOFWATER/STORMWATER PIT WITH ENVIROPOD CONFIGURATION
SCALE 1:20

CONCRETE QUALITY					
ELEMENT	SLUMP	AGGREGATE (MAX. SIZE)	CEMENT TYPE	ADMIXTURE	F'c (MPa)
PIT	80	20	GP	NIL	32

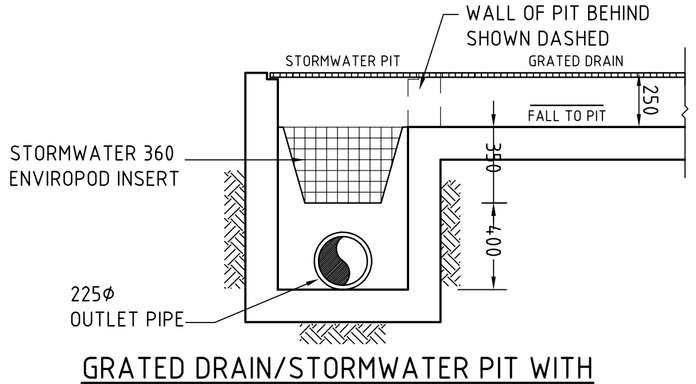
NOTES:

1. WHERE GULLY PIT IS LOCATED ON KERB RETURNS OR BULB OF CUL-DE-SACS PROVIDE CURVED PRECAST CONCRETE LINTELS.
2. SAG PITS SHALL HAVE LINTEL PLACED CENTRALLY ABOUT THE GRATE.
3. ALL REINFORCING TO HAVE 30 MIN. CLAER CONCRETE COVER.
4. FOR PITS DEEPER THAN 1200mm CLIMB RAILS SHALL BE PROVIDED.

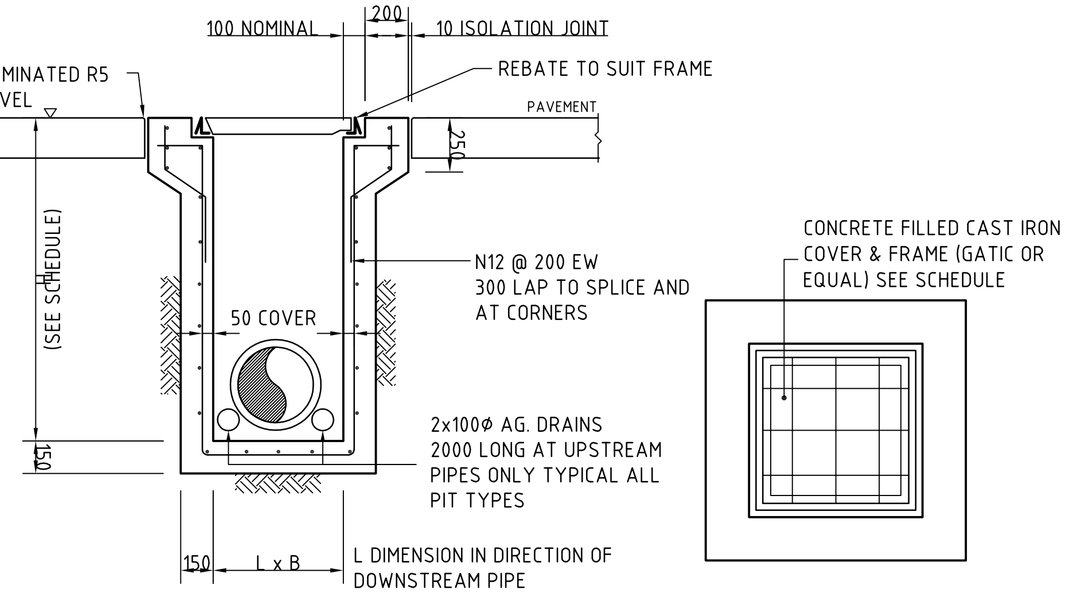


SECTION
SCALE 1:20

KERB INLET PIT - KIP



GRATED DRAIN/STORMWATER PIT WITH ENVIROPOD CONFIGURATION
SCALE 1:20



SECTION
SCALE 1:20

PLAN
1:20

SEALED JUNCTION PIT - SJP

ALTERNATIVE PIT DETAIL GRATE/COVER SUPPORT CAST-INTO PAVEMENT SLAB

(ADOPT AS REQUIRED FOR SGGP's & SJP's)

FOR DEVELOPMENT APPLICATION

200mm 0 500 1000 1500 2000mm

SCALE 1:20 AT A1 SHEET SIZE

AMENDMENTS	DATE	ISSUE
FOR DEVELOPMENT APPLICATION	03.07.15	C
FOR DEVELOPMENT APPLICATION	30.06.15	B
PRELIMINARY ISSUE	26.06.15	A

CLIENT: australand
COMMERCIAL & INDUSTRIAL DIVISION
1 HOMEBUSH BAY DRIVE, BUILDING C, LEVEL 3, RHODES NSW 2138
PHONE 02 9767 2000
FAX 02 9767 2908
PO BOX 3287, RHODES NSW 2138
1800 829 877

PROJECT
MARTIN BROWER FACILITY - HDBP
CNR THE HORSELY DV. & COWPASTURE RD
WETHERILL PARK, NSW

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
M.C	M.C	24.06.15	M.W	A1	AS SHOWN	C011492.09-DA45

CONSULT AUSTRALIA

Costin Roe Consulting Pty Ltd.
Consulting Engineers ACN 003 696 448
Level 1, 8 Windmill Street
Walsh Bay, Sydney NSW 2000
Tel: (02) 9251-7699 Fax: (02) 9241-3731
email: mail@costinroe.com.au ©

CostinRoe Consulting
Value in Engineering and Management

DRAWING TITLE
CONCEPT STORMWATER DRAINAGE DETAILS - SHEET 1

DRAWING No C011492.09-DA45
ISSUE C