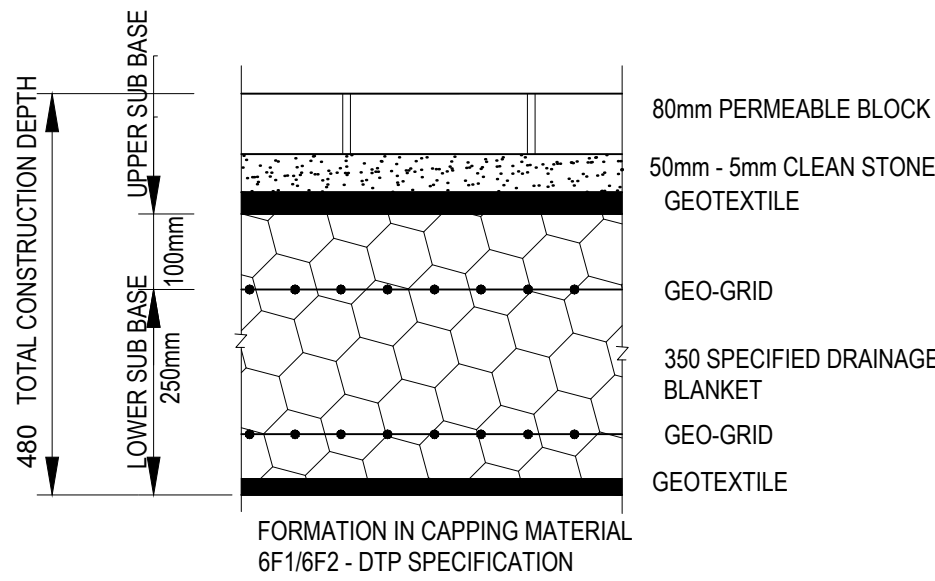
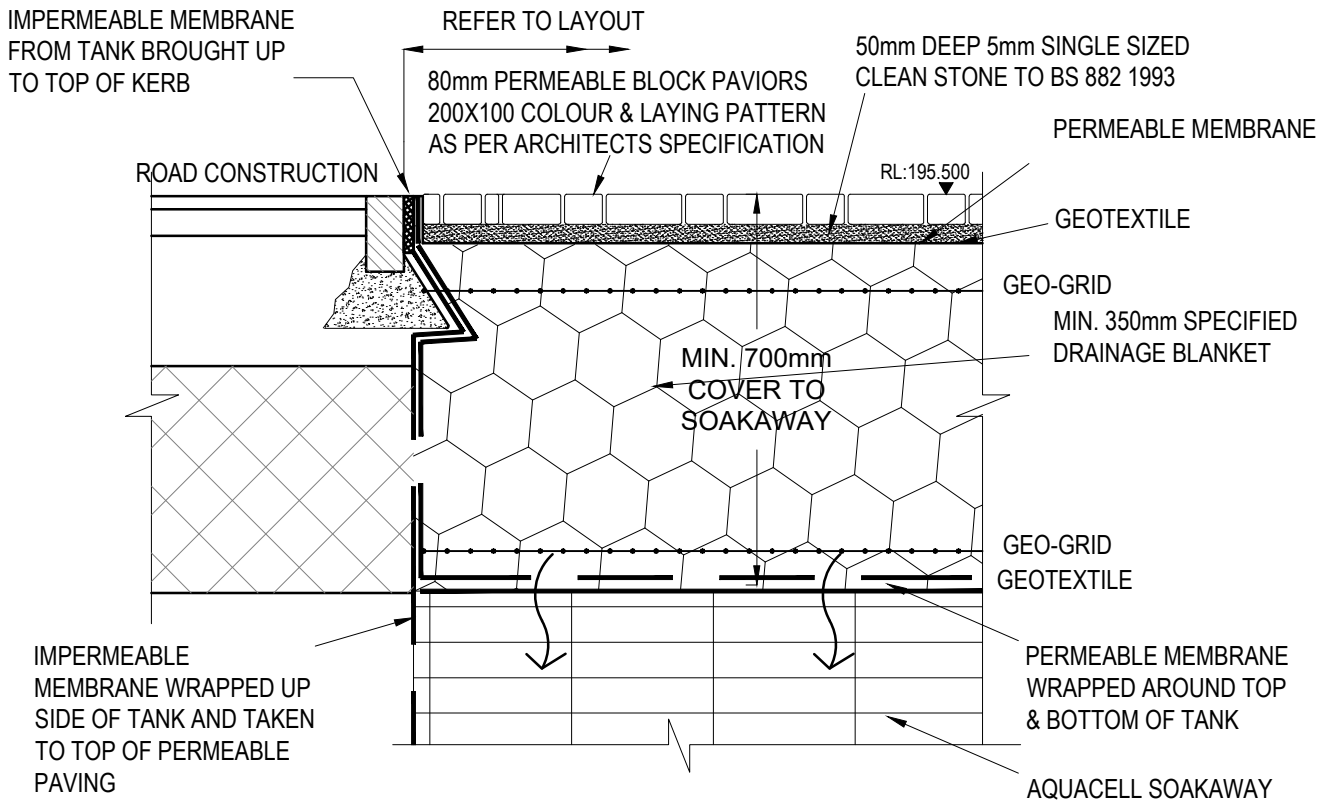




DETAIL B
PERMEABLE PAVING DETAIL

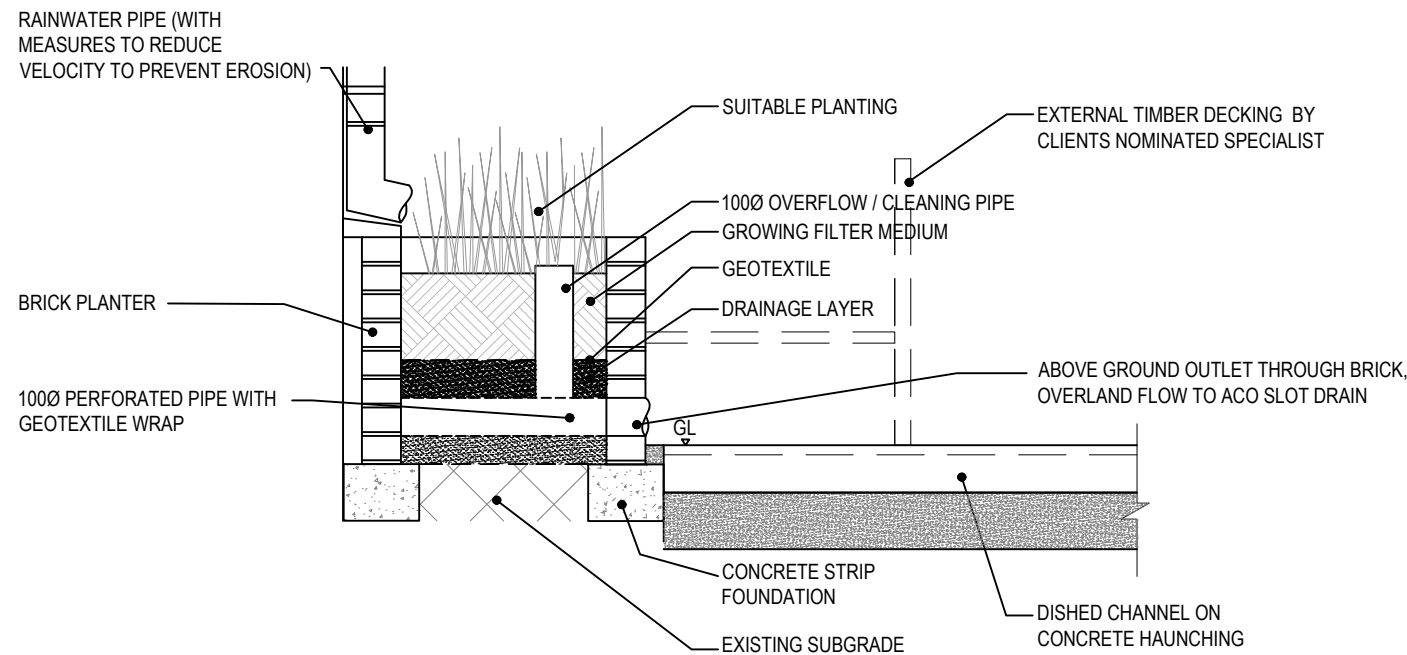
GRADING OF GRANULAR LOWER SUB BASE MATERIAL	
SIEVE SIZE	% PASSING
100mm	100
63mm	90-100
37.5mm	60-80
20mm	15-30
10mm	0-5

SUB BASE SPECIFICATION FOR DRAINAGE BLANKET
THE GRANULAR SUB BASE MATERIAL SHALL CONSIST OF CRUSHED GRAVEL, ROCK OR CONCRETE POSSESSING WELL DEFINED EDGES. IT MUST BE SOUND, CLEAN, NON FRIABLE & FREE FROM CLAY OR OTHER DELETERIOUS MATTER. THE MATERIAL MUST BE NON PLASTIC WHEN TESTED IN ACCORDANCE WITH BS:1377.
THE MATERIAL MUST HAVE A MINIMUM 10% FINES VALUE OF 150K/N WHEN TESTED IN ACCORDANCE WITH BS 812 PART 3.
THE SELECTED TEST SAMPLES SHALL NOT BE OVEN DRIED AND SHOULD BE SOAKED IN WATER AT ROOM TEMPERATURE FOR 48 HOURS BEFORE TEST.



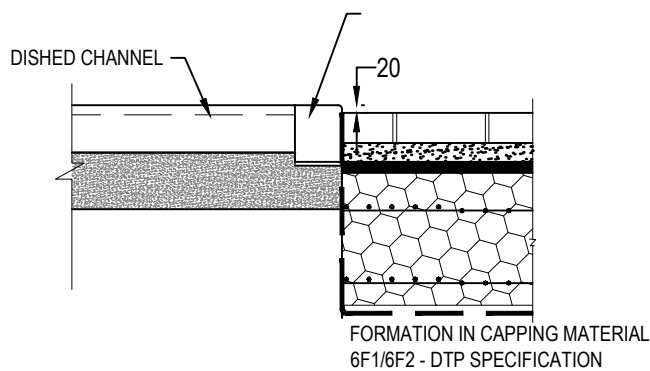
PERMEABLE PAVING OVER
SOAKAWAY DETAIL

ALL FORMATIONS TO BE PROOF ROLLED WITH
SOFT SPOTS REMOVED AND REPLACED WITH
6F4/6F5 MATERIAL



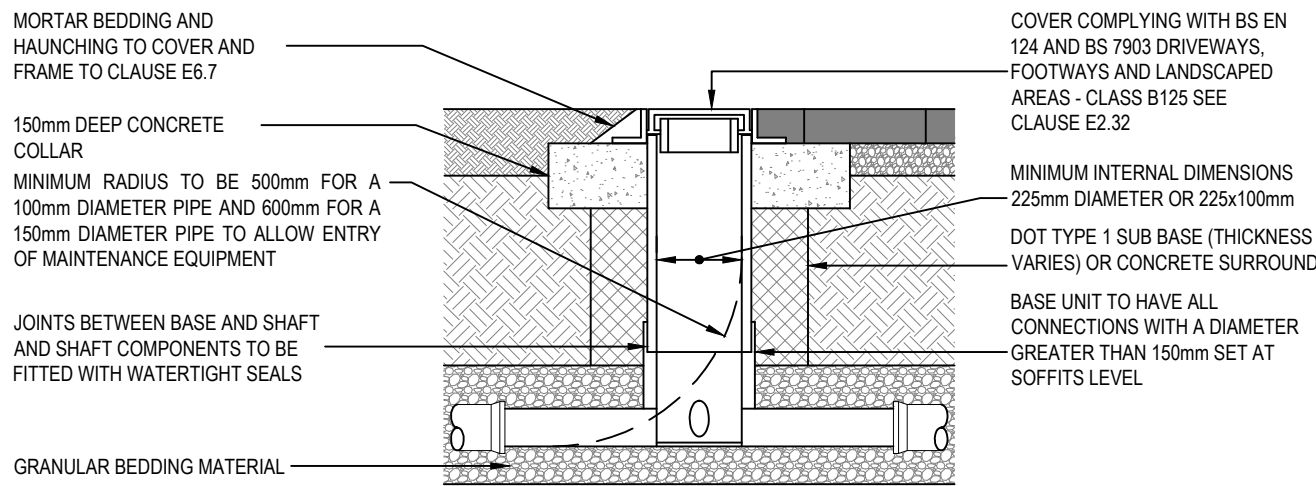
RAISED PLANTER DETAIL
FRONT OF HOUSE
(OUTLET ABOVE GROUND)

SCALE 1:20



INTERFACE DISHED CHANNEL &
PERMEABLE PAVING

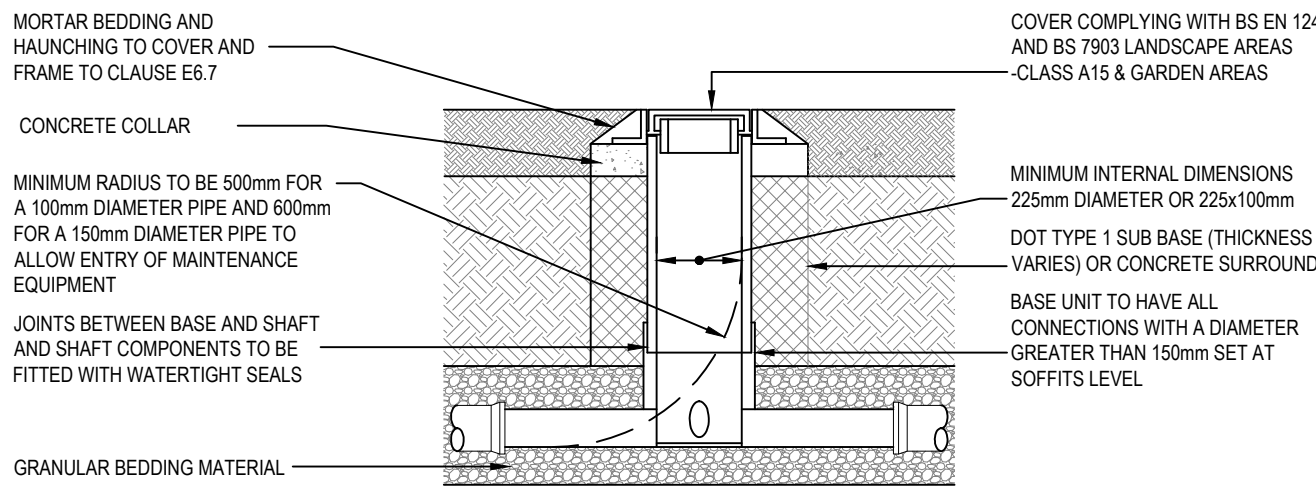
SCALE 1:20



TYPICAL INSPECTION CHAMBER DETAIL - TYPE 4A
WITHIN PAVED AREAS

(REFER TO FIG. B.21 OF SEWERS FOR ADOPTION 7th ED) - SITED IN DRIVEWAYS/PAVED AREAS
(FLEXIBLE MATERIAL DETAIL)

SCALE 1:20

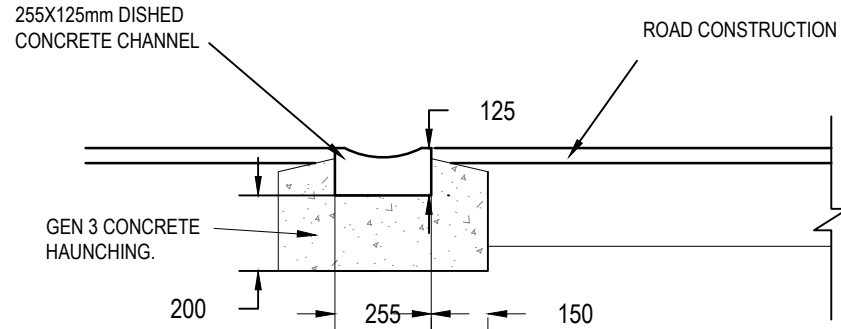


TYPICAL INSPECTION CHAMBER DETAIL - TYPE 4B
WITHIN LANDSCAPE AREAS

(REFER TO FIG. B.21 OF SEWERS FOR ADOPTION 7th ED) SITED IN DOMESTIC GARDENS
(FLEXIBLE MATERIAL DETAIL)

SCALE 1:20

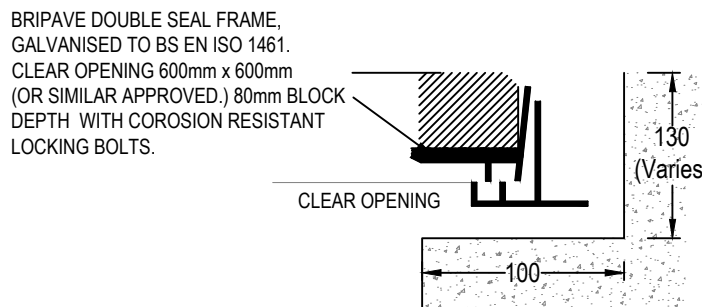
MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF
PIPE 2m, NON-ENTRY
PLASTIC CHAMBERS AND RINGS SHALL COMPLY
WITH BS EN 13598-1 AND BS EN 13598-2 OR HAVE
EQUIVALENT INDEPENDENT APPROVAL



CONCRETE DISHED CHANNEL

(CHANNEL 125x255)

SCALE: 1:10

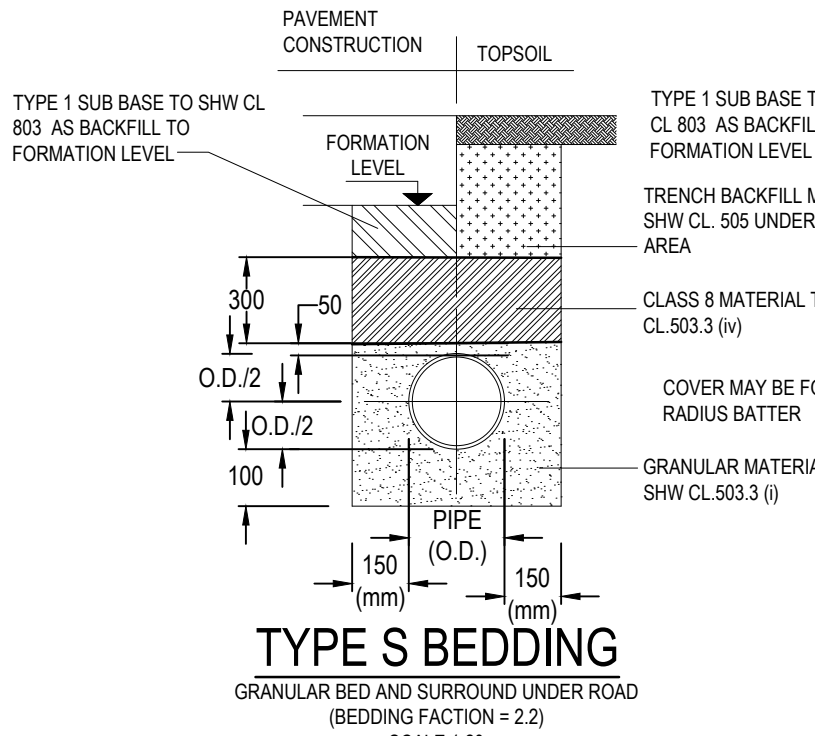


EXTERNAL RECESSED COVER
AND FRAME

NTS

PIPE DIA.	ROCKER PIPE LENGTH
100 - 600	0.60m

ROCKER PIPE DETAILS FOR
INSPECTION CHAMBERS,
MANHOLES & CATCHPITS

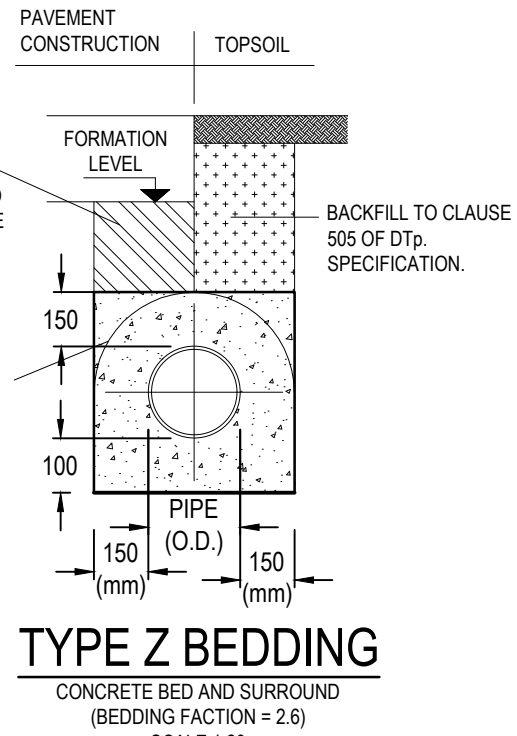


TYPE S BEDDING

GRANULAR BED AND SURROUND UNDER ROAD
(BEDDING FACTION = 2.2)

SCALE 1:20

NOTES:
1. REFER TO SHW TABLE 5/3 AND SHW TABLE 6/1
2. BEDDING BENEATH AND AT SIDES OF THE PIPE TO BE WELL COMPACTED IN ACCORDANCE WITH CL 505.
3. CONCRETE CRADLES AND ARCHES MAY BE EXTENDED TO THE SIDES OF THE TRENCH
4. GEOTEXTILES MAY BE USED WHERE DIRECTED OR APPROVED BY THE ENGINEER TO CONTAIN BEDDING MATERIAL IN CERTAIN SOILS E.G. RUNNING SAND.
5. IN VERY WET CONDITIONS, WHERE DIRECTED OR APPROVED BY THE ENGINEER A TEMPORARY LAND DRAIN MAY BE LAID WITHIN THE GRANULAR BED.



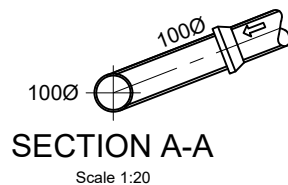
TYPE Z BEDDING

CONCRETE BED AND SURROUND
(BEDDING FACTION = 2.6)

SCALE 1:20

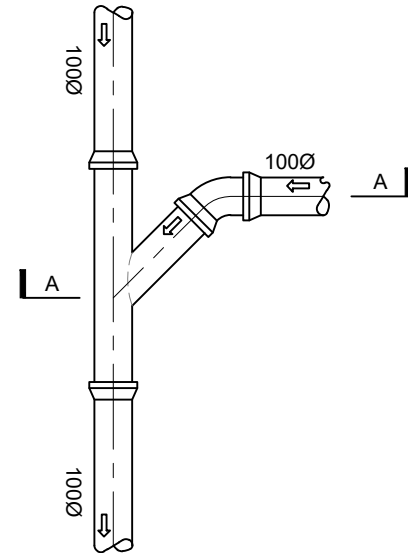
NOTES: (TYPE Z ONLY)
6. WHERE PIPES WITH FLEXIBLE JOINTS ARE USED, THE 6. CONCRETE PROTECTION IS TO BE INTERRUPTED OVER ITS FULL CROSS SECTION AT INTERVALS NOT EXCEEDING 5 METRES (OR AS DIRECTED BY THE ENGINEER) BY A SHAPED FORMER OF BITUMEN IMPREGNATED COMPRESSIBLE FILLER. THESE INTERRUPTIONS SHALL COINCIDE WITH PIPE JOINTS. SEE DIMENSIONS FOR PIPE BEDDING TABLE FOR THICKNESS OF COMPRESSIBLE FILLER.
7. CONCRETE TO BE FND4 WHERE FLEXIBLE PIPES ARE USED. CARE MUST BE TAKEN TO PREVENT THE PIPES FROM FLOATING.

BEDDING DETAILS



SECTION A-A

Scale 1:20



PREFORMED 'Y' BRANCH
CONNECTION

Scale 1:20

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE SHOWN IN METRES UNLESS NOTED OTHERWISE.
- DO NOT SCALE FROM THE DRAWING. USE FIGURED DIMENSIONS ONLY.
- ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
- ALL WORKS ARE TO BE CARRIED OUT AND CONSTRUCTED UNDER CURRENT BUILDING REGULATIONS STIPULATIONS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.

ISSUE FOR SAB
APPROVAL

01		RGF	JW	JM	25.06.20	ISSUE FOR SAB APPROVAL			
rev.	drawn	chd.	appvd.	date	description				
Client									
MERTHYR VALLEYS HOME LTD									
Project									
PREFABRICATED ACCOMODATION									
GLASIER ROAD									
MERTHYR TYDFIL									
Title									
CONSTRUCTION DETAILS									
ValeConsultancy									
CONSULTING CIVIL & STRUCTURAL ENGINEERS									
29 Bocam Park, Old Field Road, Pencoed, Bridgend CF35 5LJ. Phone: 01656 863794 Email: enquiries@vale-consultancy.co.uk									
date	drawn				checked	approved			
26.06.20	RGF				NC	26.06.20	LR	26.06.20	
scale @ A1					10863				
AS SHOWN					10863				
status	drg. no.				rev.				
P	10863/501				01				