

**TYPICAL MANHOLE WITH BROADS TRAP**

(SCALE 1:20)

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 085 704 1829

Project Title  
 2 Bed House - David Souhan  
 36 Montpellier View, Jobstown

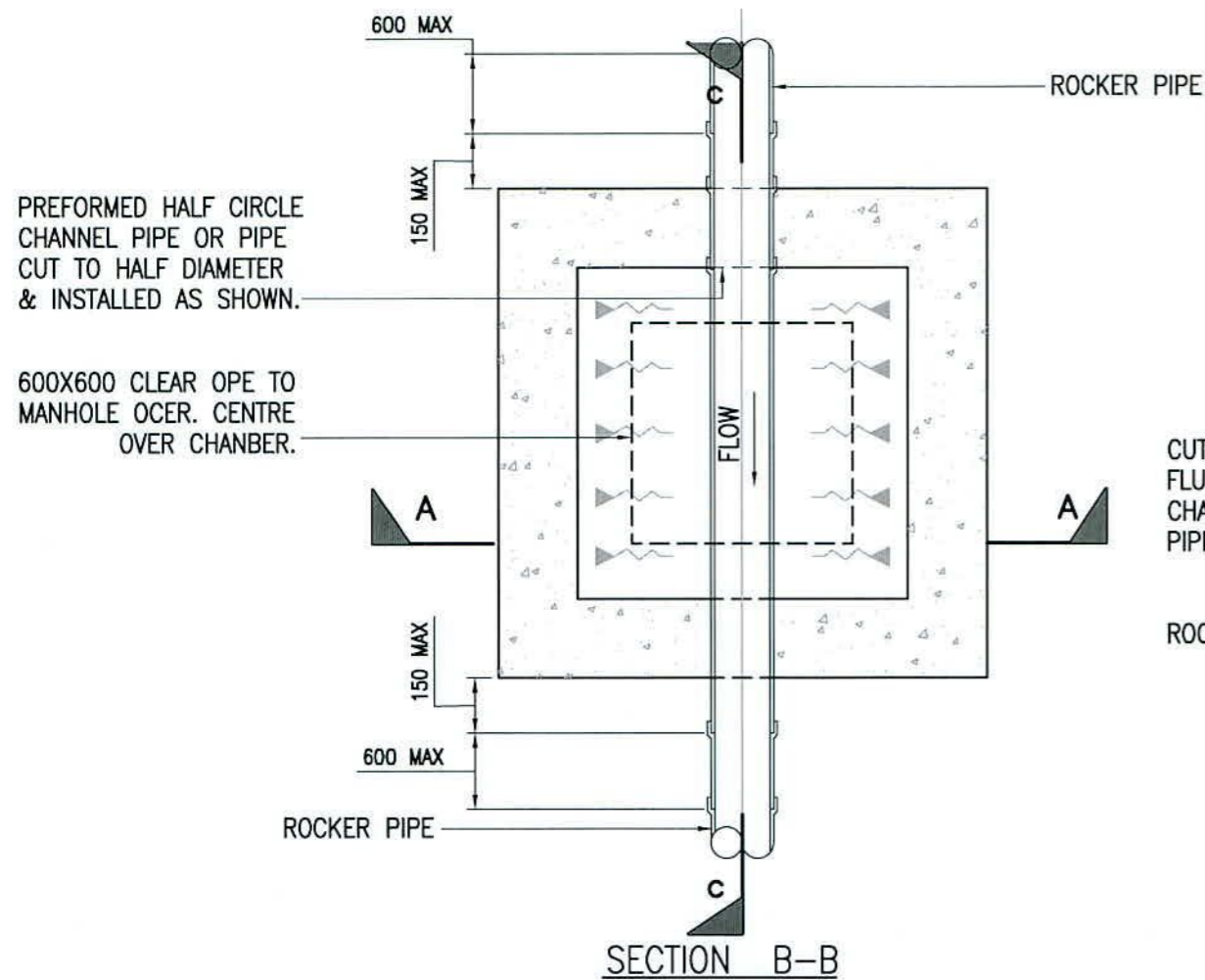
Sheet Title  
 Proposed Drainage Detail - Sheet 1

Sheet Scale 1:20 @ A3	Drawn By JH
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Total Sheets 1	Reviewed By JH
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Sheet No.  
Project ID - Drawing Series - Drawing Number  
**2126 A6-100**

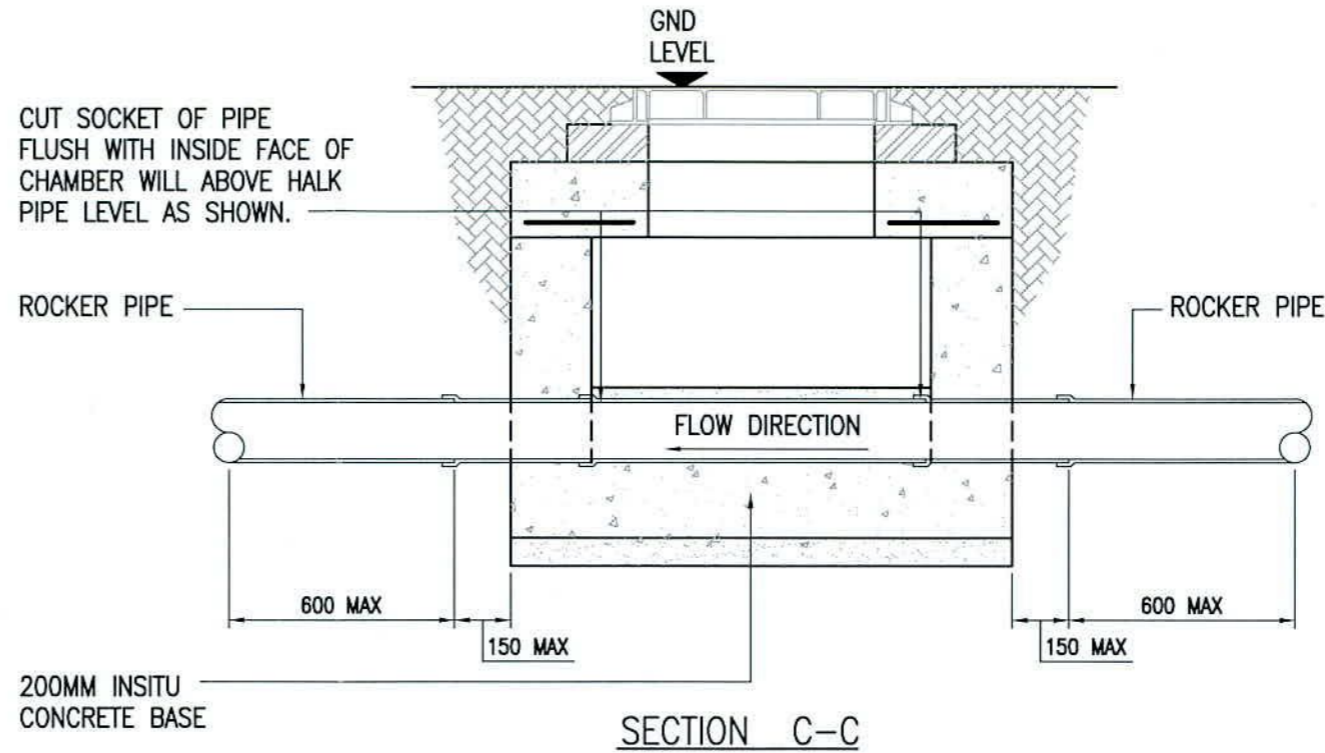
Drawing Status  
 PLANNING



PREFORMED HALF CIRCLE CHANNEL PIPE OR PIPE CUT TO HALF DIAMETER & INSTALLED AS SHOWN.

600X600 CLEAR OPE TO MANHOLE OCER. CENTRE OVER CHAMBER.

**MANHOLE TYPE 1**  
**DEPTH LESS THAN 1.0m**  
 (SCALE 1:20)



CUT SOCKET OF PIPE FLUSH WITH INSIDE FACE OF CHAMBER WILL ABOVE HALK PIPE LEVEL AS SHOWN.

ROCKER PIPE

ROCKER PIPE

200MM INSITU CONCRETE BASE

SECTION C-C

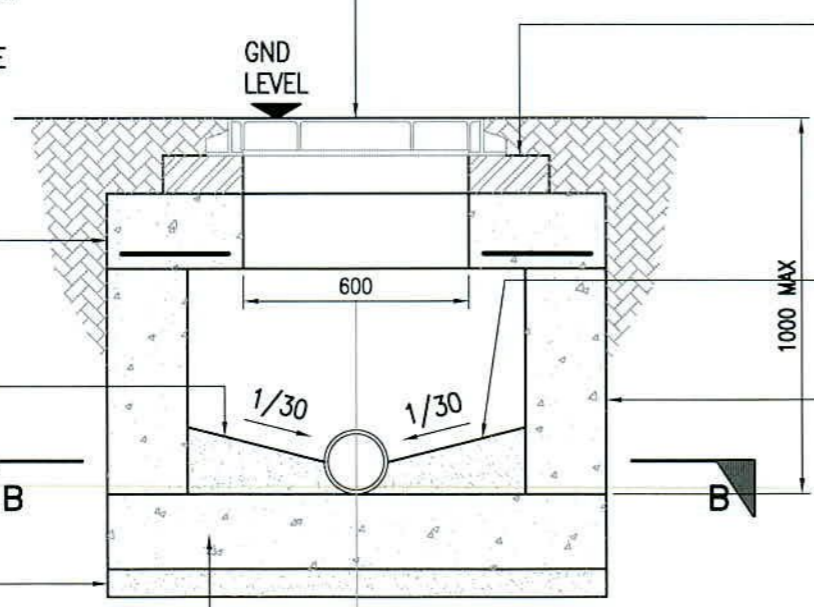
CLASS C250 (NON-TRAFFICKED AREAS) OR CLASS D400 (TRAFFICKED AREAS) TO IS/EN 124 MANHOLE COVER & FRAME BEDDED AND HAUNCHED IN MORTAR TO MANUFACTURERS SPECIFICATION

200MM C30/20 ROOF SLAB  
 40MM COVER TO STEEL.

BENCHING TO HALF PIPE LEVEL USING MASS C20/20 CONCRETE. FINISH BENCHING IN 2:1 SAND MORTAR FINISH WITH SMOOTH TROWEL FINISH.

75MM MIN. CONC BINDING ON SOUND BEARING.

200MM INSITU CONCRETE BASE



1 TO 3 COURSES OF ENGINEERING BRICK LAID ON FLAT & SET IN 1:3 CEMENT SAND MORTAR.

FINISH BENCHING IN 2:1 SAND MORTAR FINISH WITH SMOOTH TROWEL FINISH.

215 C30/20 INSITU CONCRETE WALLS OR HIGH DENSITY BLOCKS TO CLS10, FACED WITH SOLID ENGINEERING BRICK IN ENGLISH BOND. HORIZONTAL & VERTICAL JOINTS FILLED AND FLUSH POINTED BEFORE MORTAR FOR NEXT COURSE IS SPREAD. BRICKWORK TO BE BEDDED & POINTED USING MORTAR DESIGNATION 3 TO IS406.

SECTION A-A

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Sheet Title  
 Proposed Drainage Detail - Sheet 2

Sheet Scale  
 1:20 @ A3

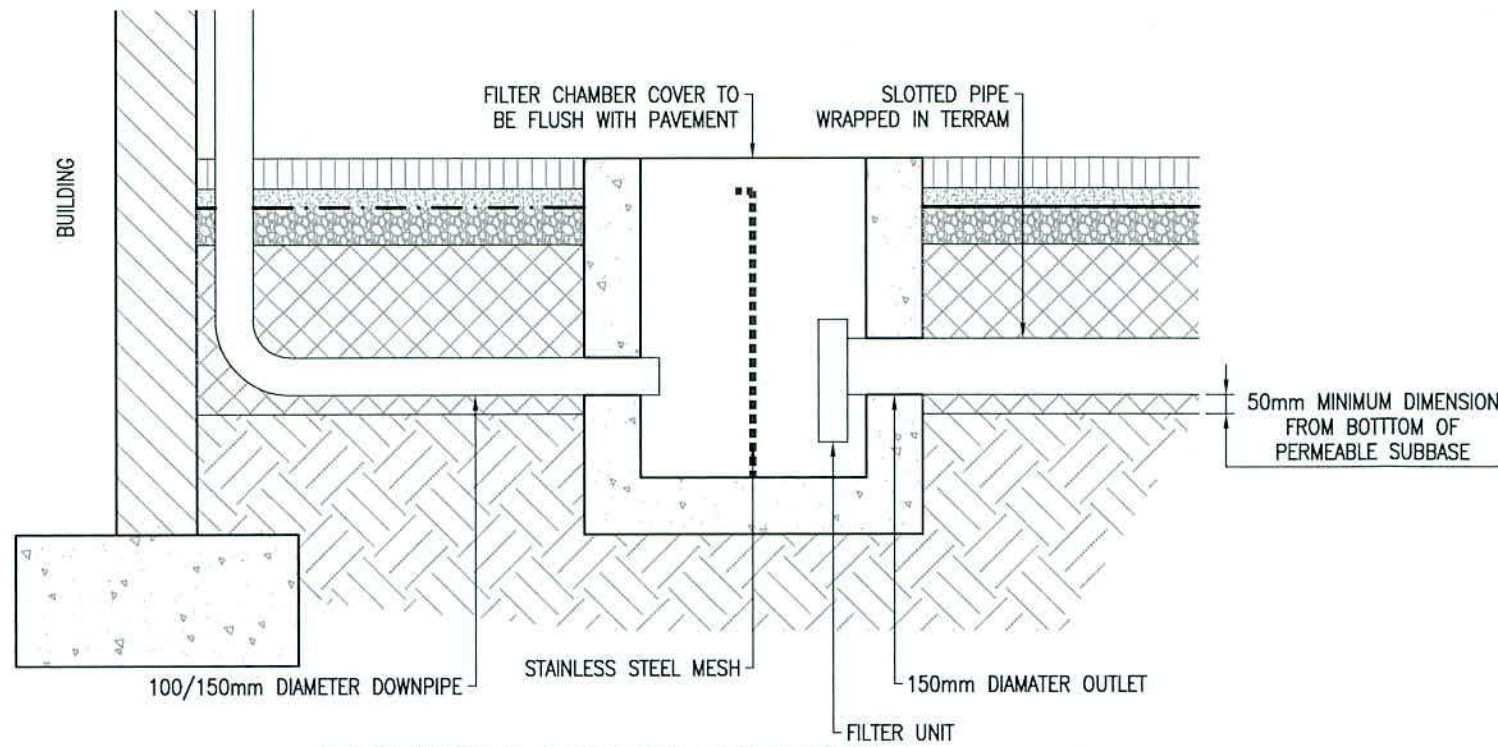
Drawn By  
 JH

Total Sheets  
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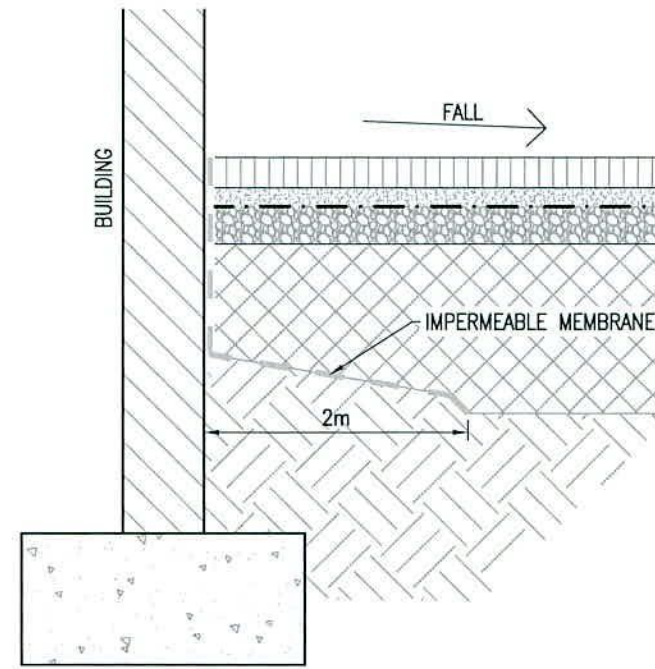
Reviewed By  
 JH

Sheet No.  
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**2126 A6-101**

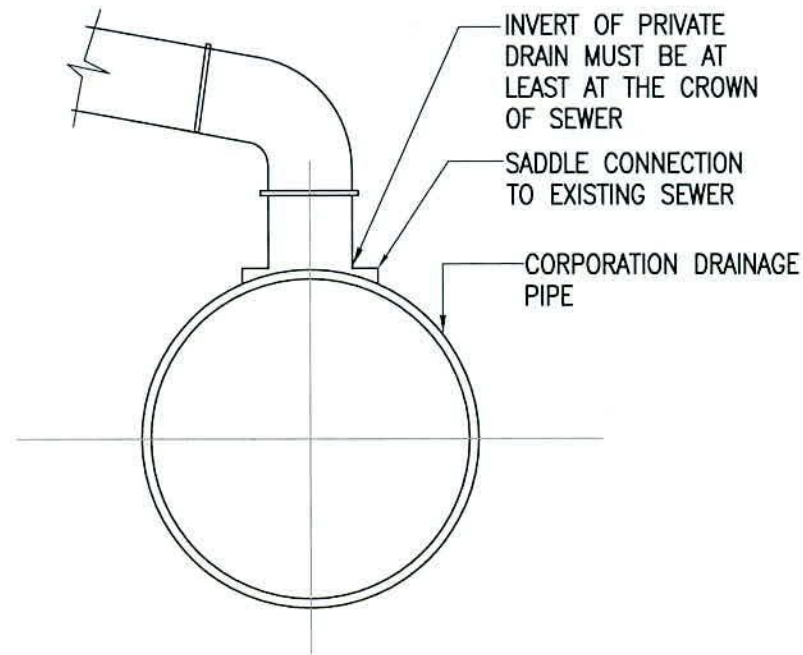
Drawing Status  
 PLANNING



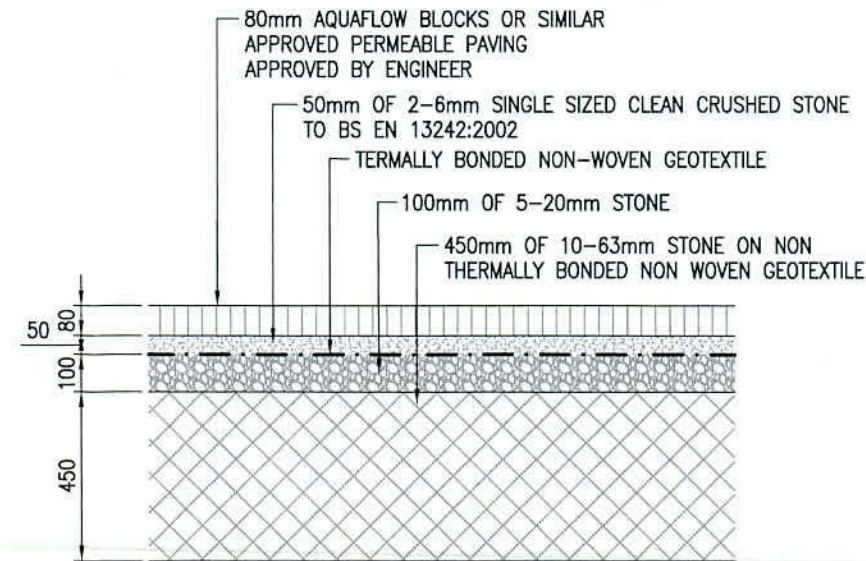
**TYPICAL FILTER DETAIL**  
(SCALE 1:20)



**ABUTMENT TO BUILDING**  
(SCALE 1:20)



**DETAIL FOR CONNECTION INTO CORPORATION DRAINAGE**  
(SCALE 1:20)



**TYPICAL PERMEABLE PAVING DETAIL**  
(SCALE 1:20)

Date No. Revision Notes

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Sheet Title

Proposed Drainage Detail - Sheet 3

Sheet Scale

1:20 @ A3

Drawn By

JH

Total Sheets

1

Reviewed By

JH

Sheet No.

Project ID - Drawing Series - Drawing Number

**2126 A6-102**

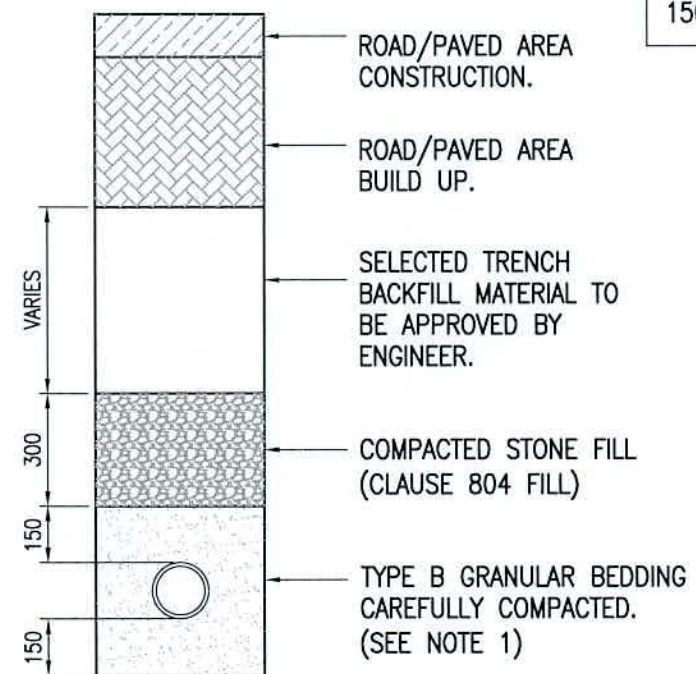
Drawing Status

PLANNING

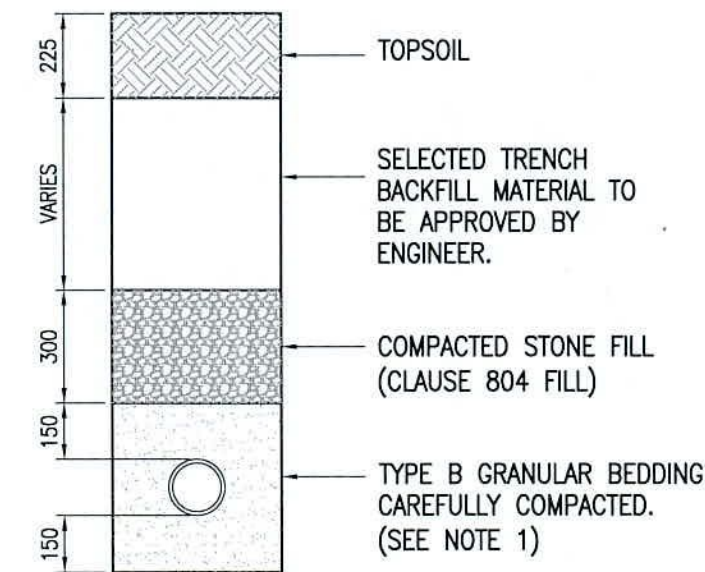
**NOTE:-**

1) GRANULAR BEDDING TYPE B SHALL CONSIST OF GRAVEL GRADED FROM 9.5mm TO 4.75mm OTHER GRANULAR MATERIALS TO BE USED SUBJECT TO APPROVAL.

2) ALL PIPES UNDER FOUNDATIONS & FLOORS SHALL BE HAUNCHED IN 150mm CLASS 15/20 CONCRETE.



**GRANULAR BEDDING**  
FOR PIPES UNDER ROADS/PAVED AREAS



**GRANULAR BEDDING**  
FOR PIPES UNDER GRASSED AREAS

**TYPICAL FOUL SEWER & SURFACE WATER PIPE BEDDING DETAILS**  
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Sheet Title  
Proposed Drainage Detail - Sheet 4

Sheet Scale 1:20 @ A3	Drawn By JH
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Sheet No.  
Project ID - Drawing Series - Drawing Number  
**2126 A6-103**

Drawing Status  
PLANNING