









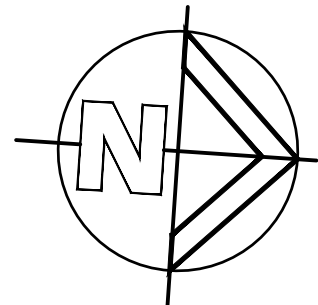
1. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION IF THE ISSUE DATE PRECEDES THE ISSUE DATE ON THE ARCHITECTURAL DRAWINGS.
2. DO NOT SCALE FROM THIS DRAWING.
3. ALL DIMENSIONS ARE TO BE VERIFIED ON SITE BY THE BUILDER BEFORE COMMENCING WITH ASSOCIATED WORK.
4. FOR GENERAL NOTES REFER TO DRAWING NUMBER: DOI.



## LEGEND

	100mm Ø DOWNPIPE TO DISCHARGE TO RWT VIA CHARGED LINE
	NEW STORMWATER PIPE
	STORMWATER PIPE FLOW DIRECTION
	STORMWATER PIT

**NOTE: ALL DRAINAGE LINE LOCATIONS ARE INDICATIVE ONLY.  
LOCATION MAY VARY DUE TO CONSTRAINTS.**



MINIMISE YOUR RISK  
AND DIAL BEFORE YOU  
DIG. - TEL. 1100

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**IF IN DOUBT ASK**

[illegible]

# B Consulting Engineers



NOTES:

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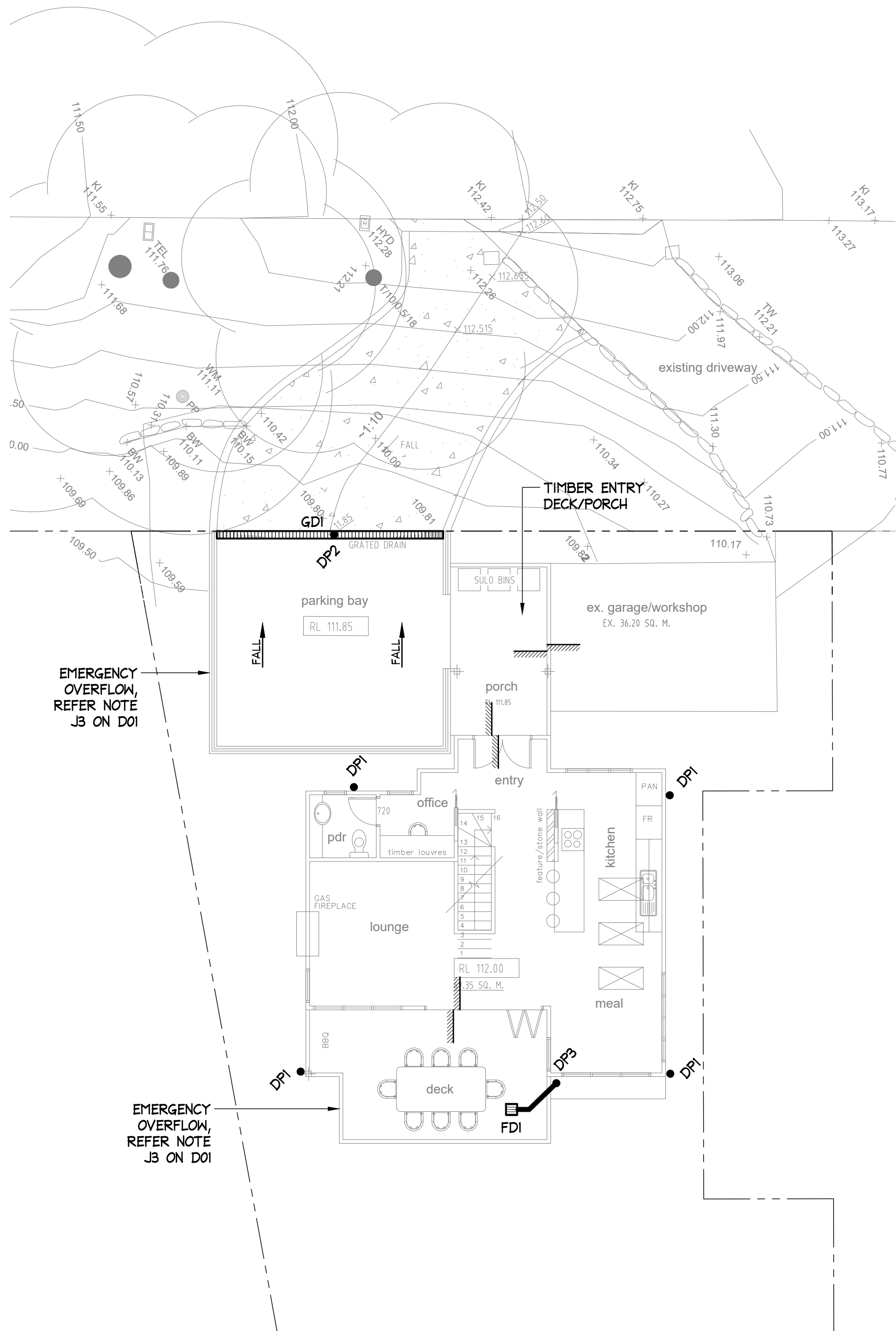
NOTE:

BUILDER TO INSPECT EXISTING DRAINAGE AND UPGRADE AS REQUIRED IN ACCORDANCE WITH NCC # AS3500.3.  
BUILDER TO CONFIRM EXISTING OVERLAND FLOWPATH IN PLACE AS TO DIRECT WATER AROUND DWELLING DURING 1% AEP YEAR STORM EVENT.

LEGEND

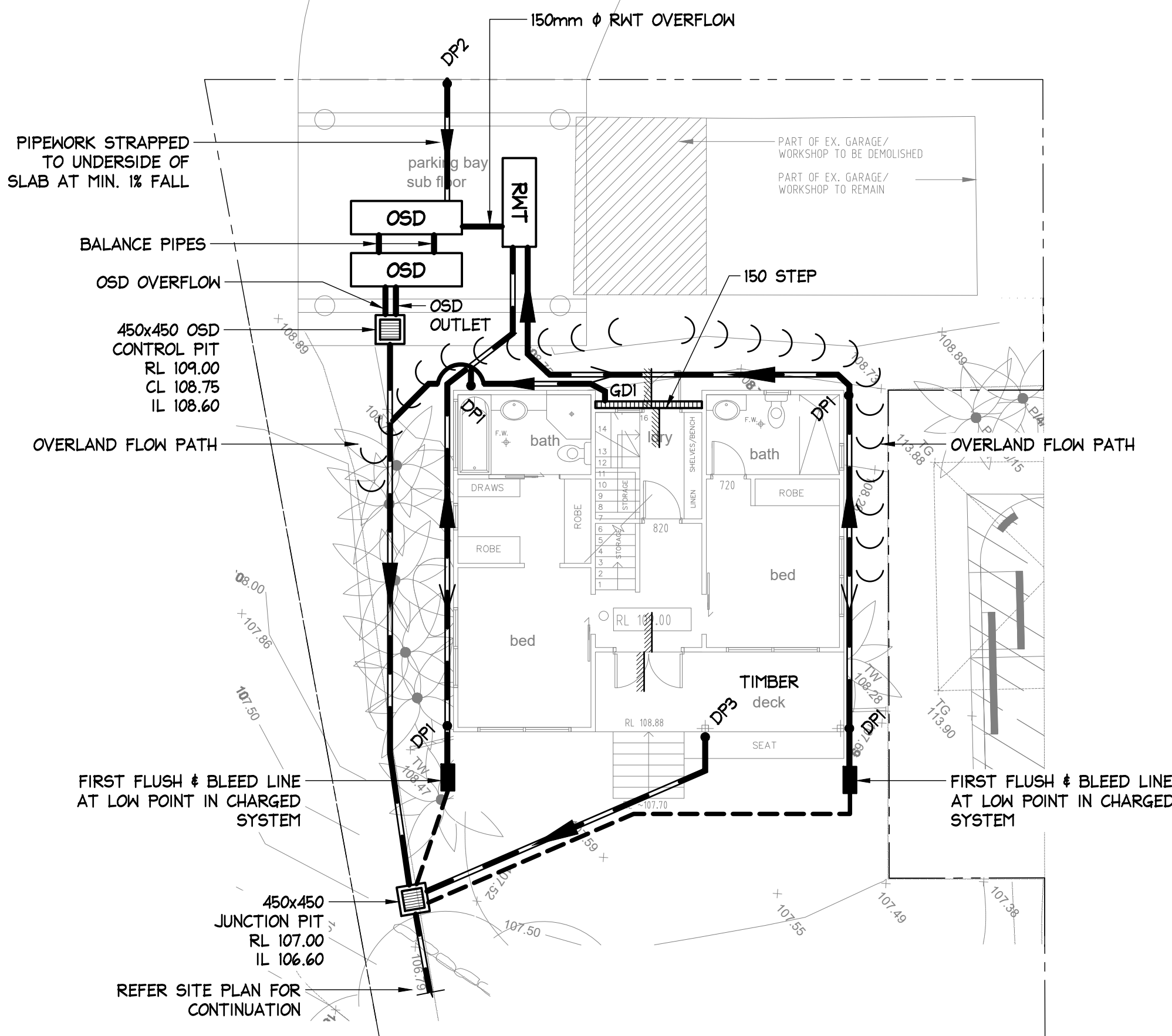
- DP1 • 100mm  $\phi$  DOWNPIPE TO DISCHARGE TO RWT VIA CHARGED LINE
- DP2 • 100mm  $\phi$  DOWNPIPE TO DISCHARGE TO OSD TANK
- DP3 • 100mm  $\phi$  DOWNPIPE TO DISCHARGE TO JUNCTION PIT
- NEW STORMWATER PIPE
- STORMWATER PIPE FALL DIRECTION IN CHARGED SYSTEMS
- STORMWATER PIPE FLOW DIRECTION
- PIT STORMWATER PIT
- FDI FLOOR DRAIN, REFER TO DETAILS
- GDI GRATED DRAIN  
GDI - 100 MIN DEPTH x 200 WIDE GRATED DRAIN
- RWT RAINWATER TANK TO COLLECT ALL DPI DOWNPIPES.  
TO BE RE-USED AS PER BASIX REQUIREMENTS LOCAL COUNCIL & SYDNEY WATER REQUIREMENTS
- OSD OSD TANK (REFER TO DETAILS)

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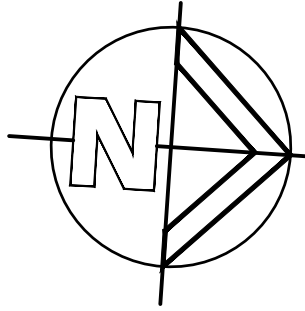
FIRST FLOOR DRAINAGE PLAN

SCALE = 1 : 100



GROUND FLOOR DRAINAGE PLAN

SCALE = 1 : 100



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DOCUMENT CERTIFICATION

Date : 21 Apr '22  
Michael Wachjo  
B.E.(Civil), MIEAust.  
(Director NB Consulting Engineers)

**NB Consulting Engineers**  
STRUCTURAL - CIVIL - STORMWATER - REMEDIAL  
A.C.N. 076 121 616 A.B.N. 24 076 121 616  
Sydney: Ph: (02) 9984 7000  
Suite 207, 30 Fisher Road Dee Why N.S.W. 2099  
Gold Coast: Ph: (07) 5631 4744  
Suite 1, 30B Griffith Street, Coolangatta QLD 4225  
E : nb@nbconsulting.com.au W : www.nbconsulting.com.au

Architect:  
AH DESIGN

Client:  
MR & MRS LESTER

Project: ALTERATIONS & ADDITIONS  
34 PLATEAU RD, BILGOLA PLATEAU

Drawing Title: GROUND & FIRST FLOOR  
DRAINAGE PLAN

Date: APR '22 Design: HO Drawn: LS

Job No: 220338 Drawing No: D03 Issue: A

Scale check - 100mm when printed to scale

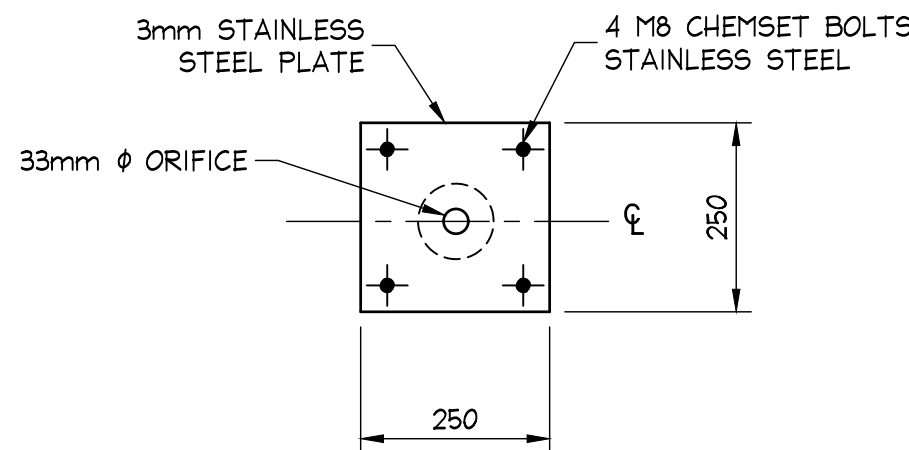
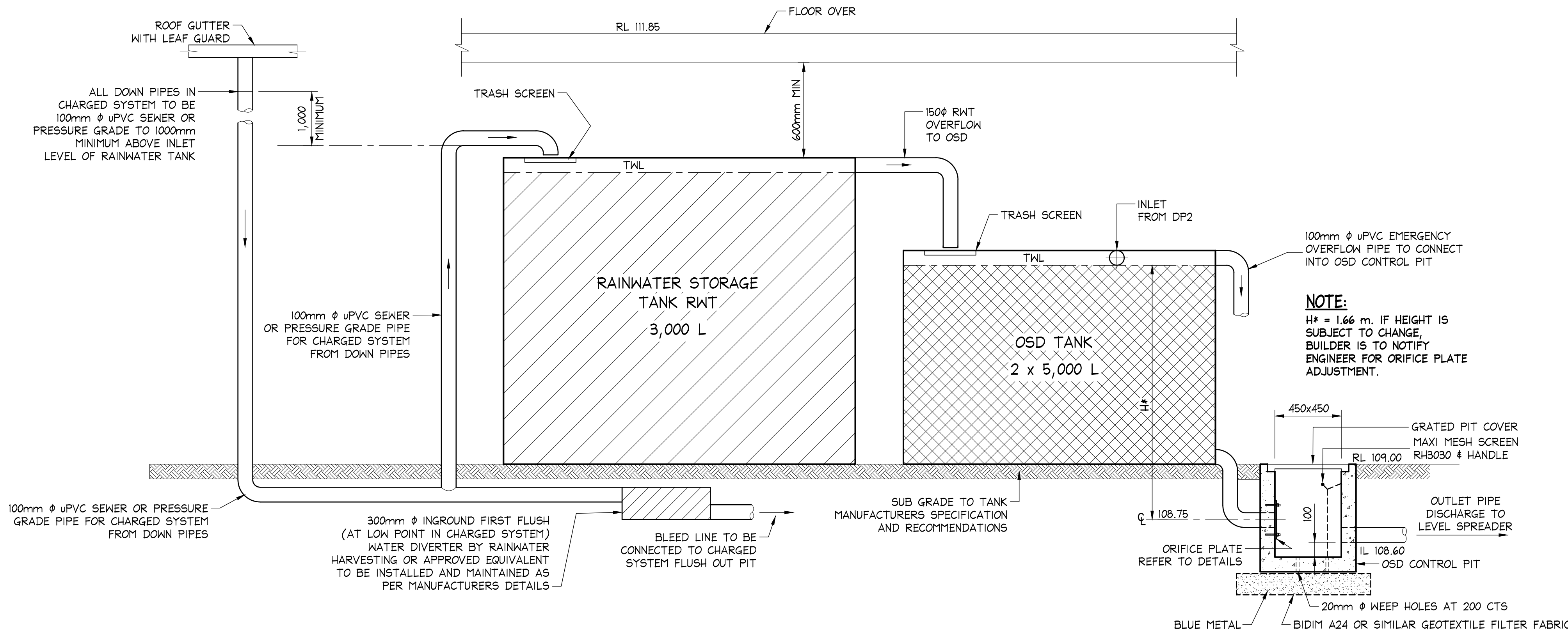
A1

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NOTES:

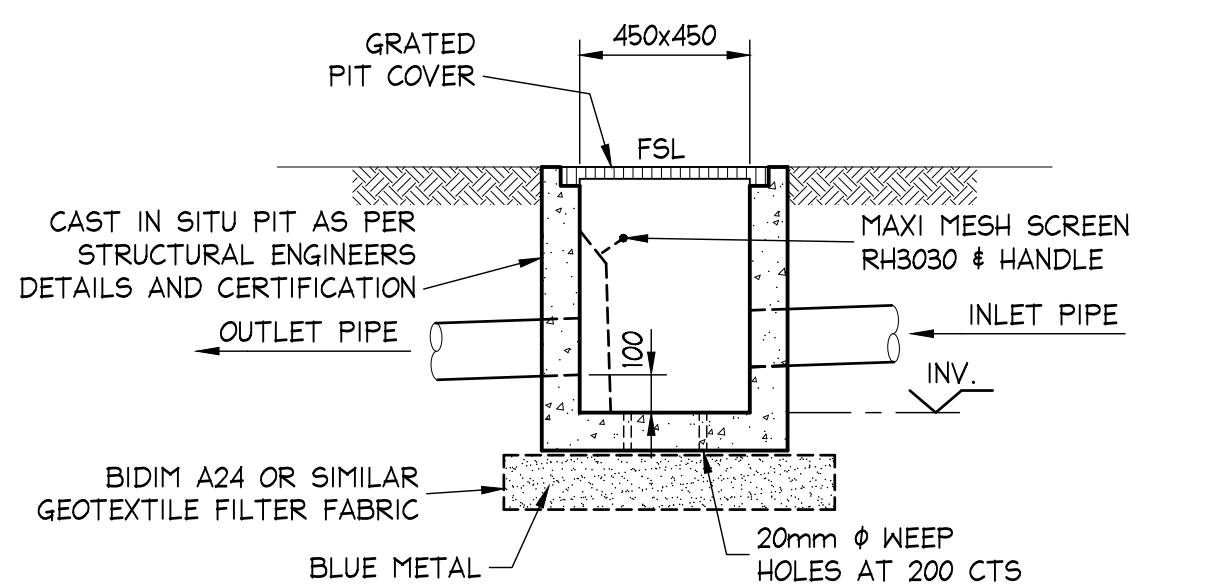
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ORIFICE PLATE DETAIL  
SCALE = 1 : 10

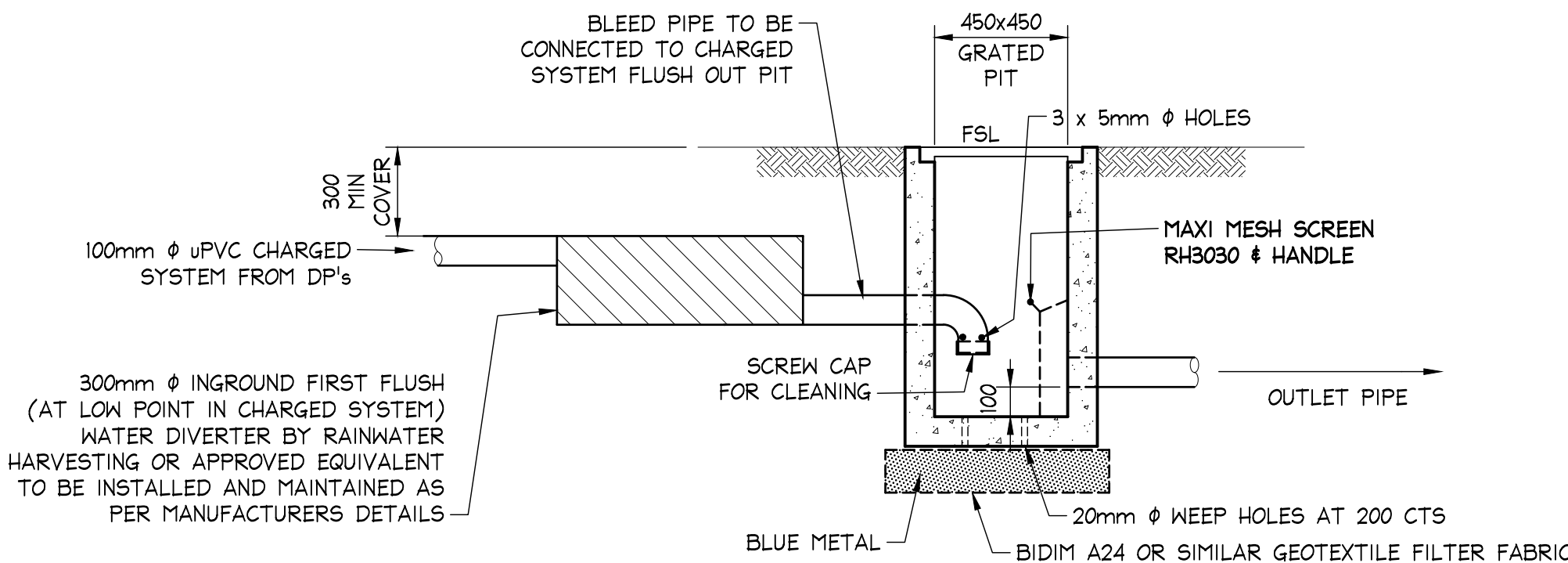
TYPICAL SECTION OSD TANK AND RAINWATER RE-USE TANK WITH CHARGED PIPE SYSTEM

NOT TO SCALE

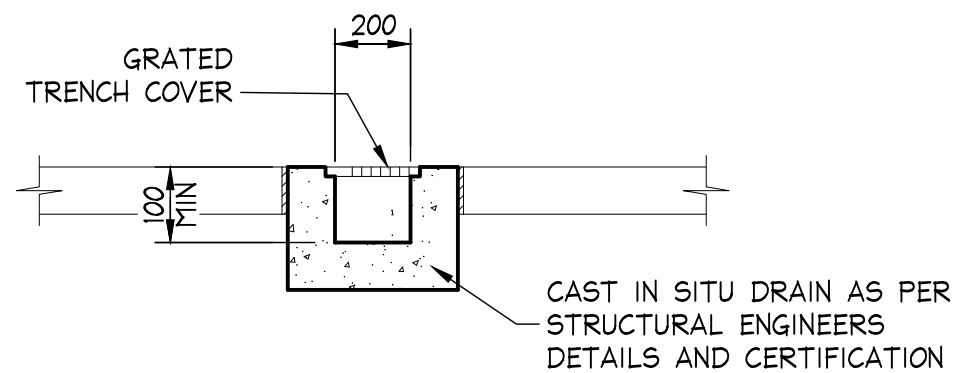


OR PRECAST GRATED PIT BY MANUFACTURER  
ALTERNATE POLYPROPYLENE PIT BY MANUFACTURER

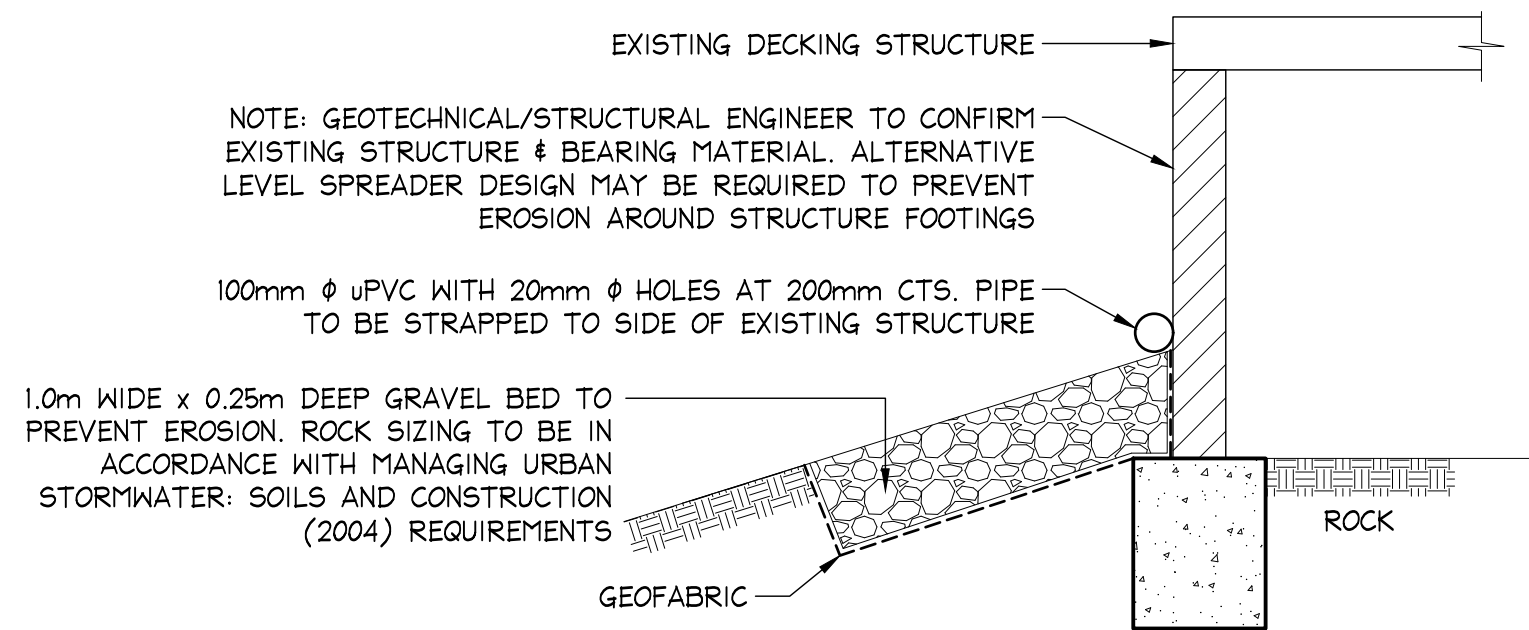
450x450 PIT DETAIL  
SCALE = 1 : 20



PRECAST OR CAST INSITU PIT REFER STORMWATER NOTES  
TYPICAL CHARGED SYSTEM FLUSH OUT PIT DETAIL  
SCALE = 1 : 20



OR PRECAST GRATED DRAIN BY MANUFACTURER  
ALTERNATE POLYPROPYLENE DRAIN BY MANUFACTURER  
TYPE 'GDI' GRATED DRAIN  
SCALE = 1 : 20



LEVEL SPREADER DETAIL  
NOT TO SCALE

NOTE: SLOPE STABILITY  
DISPERSION DESIGN AND STORMWATER SYSTEM  
MUST BE ASSESSED BY A GEOTECHNICAL  
ENGINEER FOR SLOPE STABILITY ASSESSMENT.



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Scale check - 100mm when printed to scale

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