



MR. WILLIAM HADDAD

PROPOSED DEVELOPMENT
AT

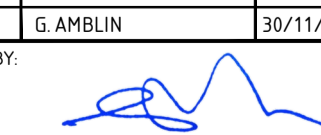
NO. 674 RICHMOND ROAD
GLENDENNING, NSW

INDEX TO SHEETS

SHEET	TITLE
C-000	COVER SHEET & DRAWING LIST
C-401	STORMWATER DRAINAGE CONCEPT PLAN & DETAILS

NOT FOR CONSTRUCTION

OWNER: The owner is responsible for maintenance of building and site. Refer to the CSIRO 'Guide to Home Owners on Foundation Maintenance and Performance'.

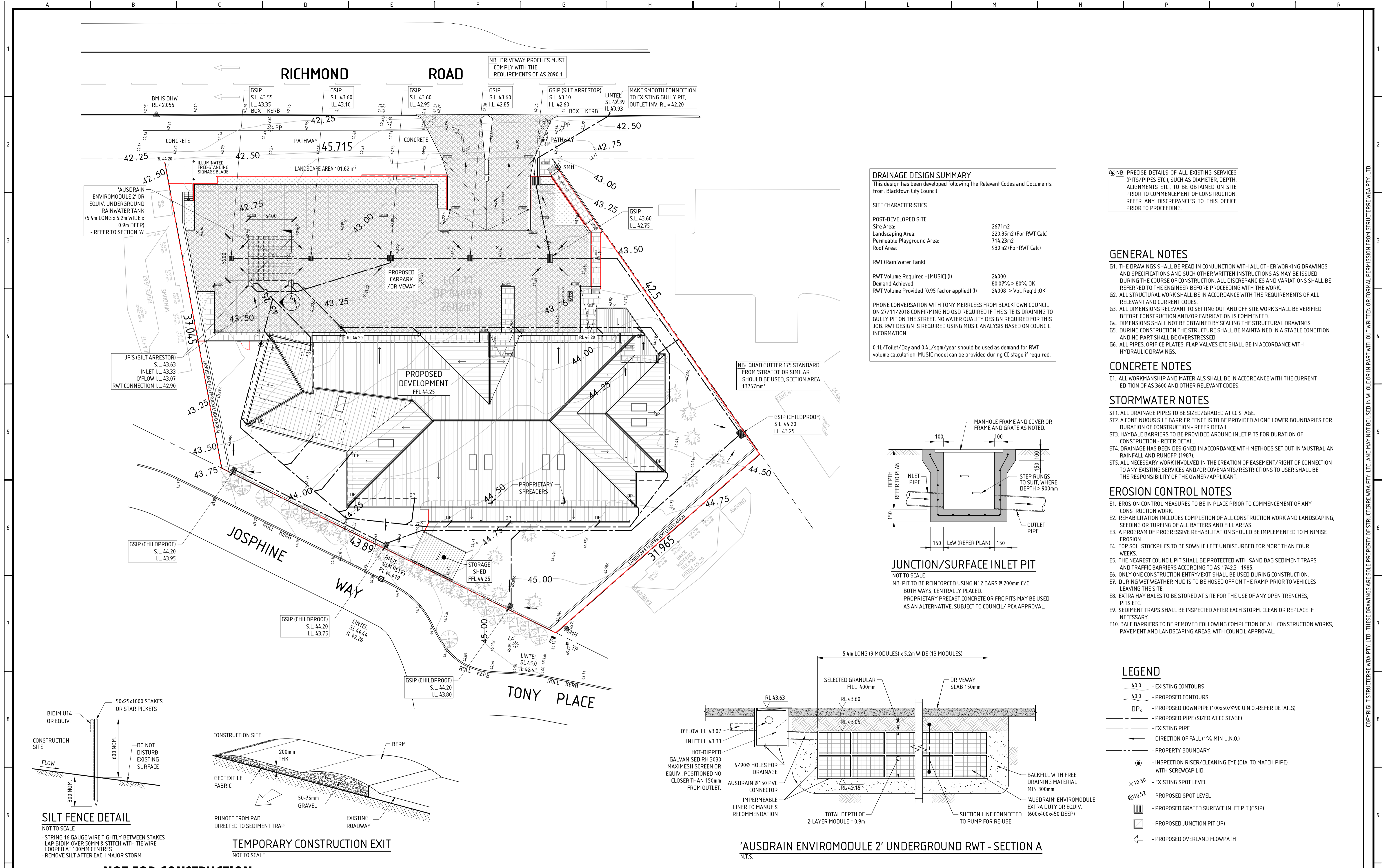
REV	BY	DATE	ISSUE / REVISION DESCRIPTION	CHK	APP	REV	BY	DATE	ISSUE / REVISION DESCRIPTION	CHK	APP	TITLE	NAME	DATE	NORTH	CLIENT	PROJECT	CLIENT REF. No.	
0	JZ	30/11/2018	ISSUED FOR DA	GA	GP							DRAFTER	J. ZHU	30/11/2018		MR. WILLIAM HADDAD	PROPOSED DEVELOPMENT AT NO. 674 RICHMOND ROAD GLENDENNING, NSW	N/A	
												DESIGNER	R. JIANG	30/11/2018				N/A	
												ENG. CHECK	G. AMBLIN	30/11/2018				45151	
												AUTHORISED BY: 						DRAWING REF. No.	
												GERVASE PURICH P/Eng. Q/Eng. NER. B/PB. RBP. RPEQ						45151-C-000	
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COVER SHEET & DRAWING LIST

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SHEET SIZE: A1



DRAINAGE DESIGN SUMMARY
 This design has been developed following the Relevant Codes and Documents from: Blacktown City Council

SITE CHARACTERISTICS

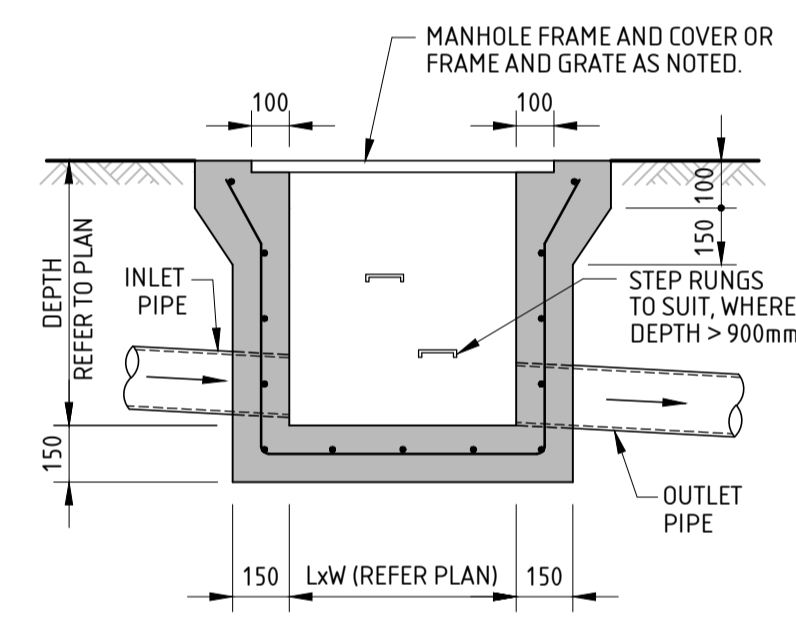
POST-DEVELOPED SITE	2671m ²
Site Area:	220 85m ² (For RWT Calc)
Landscaping Area:	714.23m ²
Permeable Playground Area:	930m ² (For RWT Calc)
Roof Area:	

RWT (Rain Water Tank)

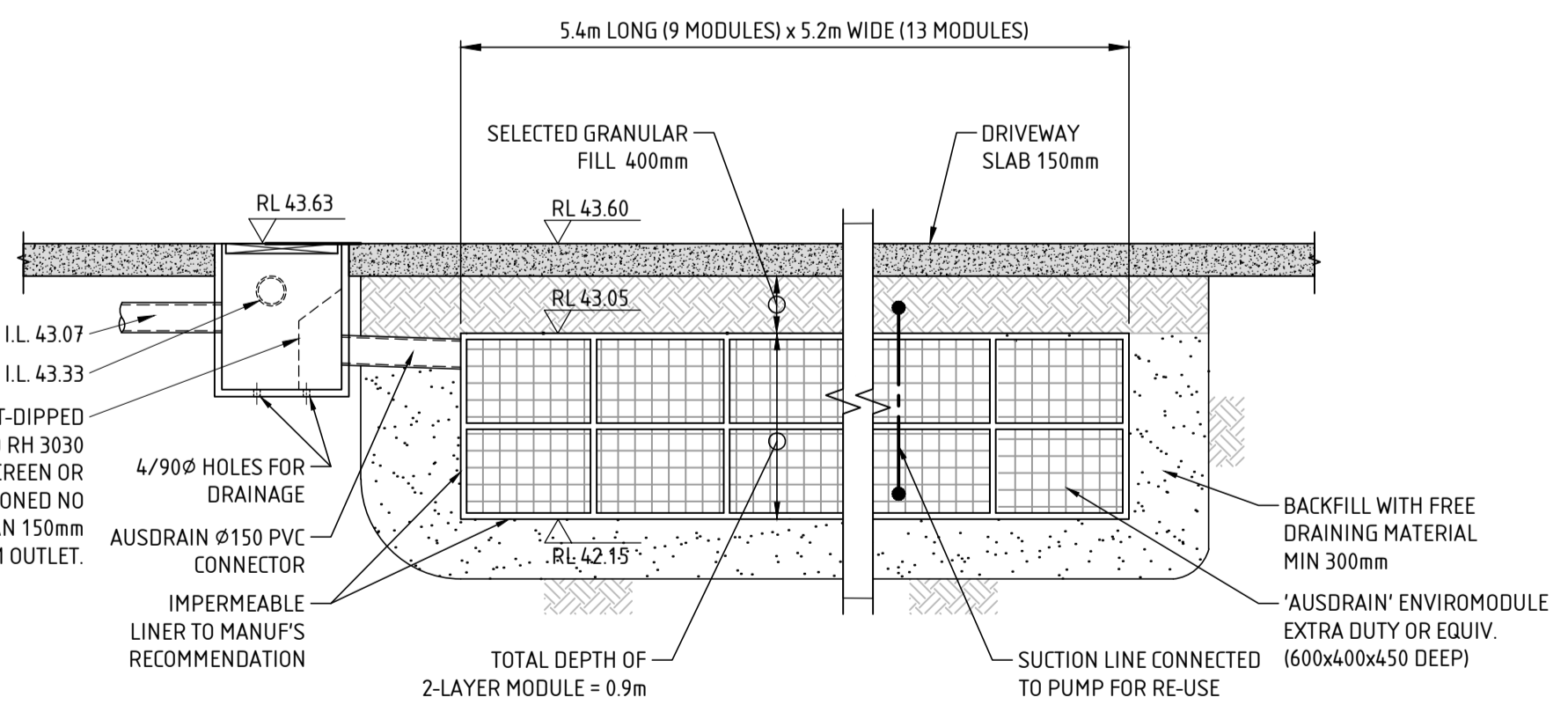
RWT Volume Required - [MUSIC] (l)	24000
Demand Achieved	80.07% > 80% OK
RWT Volume Provided (0.95 factor applied) (l)	24008 > Vol. Req'd .OK

PHONE CONVERSATION WITH TONY MERRLEES FROM BLACKTOWN COUNCIL ON 27/11/2018 CONFIRMING NO OSD REQUIRED IF THE SITE IS DRAINING TO GULLY PIT ON THE STREET. NO WATER QUALITY DESIGN REQUIRED FOR THIS JOB. RWT DESIGN IS REQUIRED USING MUSIC ANALYSIS BASED ON COUNCIL INFORMATION.

0.1L/Toilet/Day and 0.4L/sqm/year should be used as demand for RWT volume calculation. MUSIC model can be provided during CC stage if required.

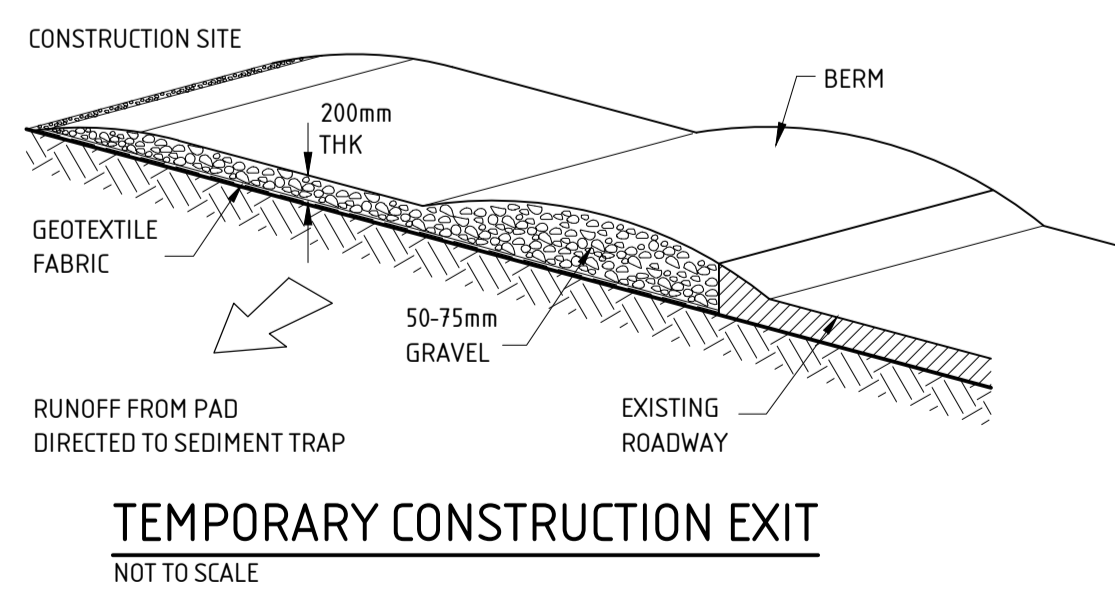
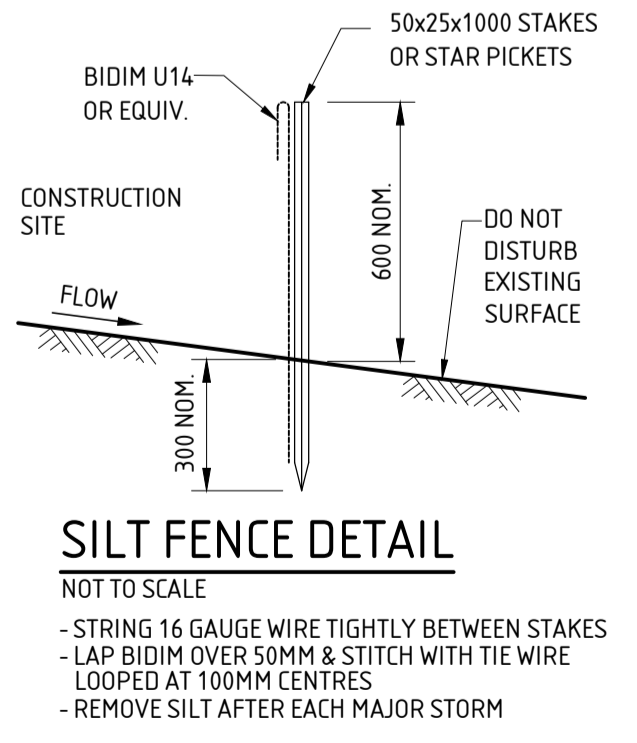


JUNCTION/SURFACE INLET PIT
 NOT TO SCALE
 NB: PIT TO BE REINFORCED USING N12 BARS @ 200mm C/C BOTH WAYS, CENTRALLY PLACED. PROPRIETARY PRECAST CONCRETE OR FRC PITS MAY BE USED AS AN ALTERNATIVE, SUBJECT TO COUNCIL/ PCA APPROVAL.



LEGEND

- 40.0 - EXISTING CONTOURS
- 40.0 - PROPOSED CONTOURS
- DP. - PROPOSED DOWNPIPE (100x50/ø90 U.N.O. - REFER DETAILS)
- - - - - PROPOSED PIPE (SIZED AT CC STAGE)
- - - - - EXISTING PIPE
- - - - - DIRECTION OF FALL (1% MIN U.N.O.)
- - - - - PROPERTY BOUNDARY
- ⊙ - INSPECTION RISER/CLEANING EYE (DIA. TO MATCH PIPE) WITH SCREWCAP LID.
- ⊗10.30 - EXISTING SPOT LEVEL
- ⊗10.52 - PROPOSED SPOT LEVEL
- ⊠ - PROPOSED GRATED SURFACE INLET PIT (GSP)
- ⊠ - PROPOSED JUNCTION PIT (JP)
- ↔ - PROPOSED OVERLAND FLOWPATH



NOT FOR CONSTRUCTION

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