

PROJECT MARS DATA CENTRE

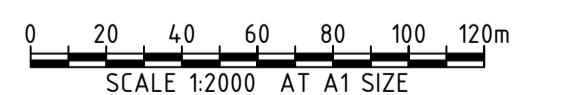
LGA: SYDNEY CITY COUNCIL
FOR INFORMATION



LOCALITY PLAN
SCALE 1:2000

SOURCE: NEARMAP

DRAWING INDEX	
DRAWING No.	DESCRIPTION
CI-0000	COVER SHEET, LOCALITY PLAN AND DRAWING INDEX
CI-0100	EARTHWORKS PLAN
CI-0140	EARTHWORKS SECTIONS SHEET 1 OF 4
CI-0141	EARTHWORKS SECTIONS SHEET 2 OF 4
CI-0142	EARTHWORKS SECTIONS SHEET 3 OF 4
CI-0143	EARTHWORKS SECTIONS SHEET 4 OF 4
CI-0200	SITWORKS AND DRAINAGE PLAN SITE PLAN
CI-0201	SITWORKS AND DRAINAGE PLAN LOWER GROUND FLOOR
CI-0270	DRIVEWAY LONGITUDINAL SECTIONS SHEET 1 OF 3
CI-0271	DRIVEWAY LONGITUDINAL SECTIONS SHEET 2 OF 3
CI-0272	DRIVEWAY LONGITUDINAL SECTIONS SHEET 3 OF 3
CI-0340	DRAINAGE DETAILS
CI-0350	OSD PLAN, SECTIONS AND DETAILS
CI-0700	EROSION AND SEDIMENT CONTROL PLAN
CI-0710	EROSION AND SEDIMENT CONTROL DETAILS



REV	DATE	DESCRIPTION	REVISIONS	RVD	REV	DATE	DESCRIPTION	REVISIONS	RVD
E	26.09.25	ISSUED FOR APPROVAL		SH					
D	19.09.25	ISSUED FOR APPROVAL		SH					
C	18.09.25	ISSUED FOR INFORMATION		SH					
B	23.07.25	ISSUED FOR INFORMATION		SH					
A	10.04.25	ISSUED FOR INFORMATION		SH					

CLIENT

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+61 2 9956 2666 | hdrinc.com
HDR Pty. Limited ABN 76 158 075 220 trading as HDR

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L2, 8 Windmill St
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PROJECT

PROJECT MARS DATA CENTRE
12 MARS ROAD, LANE COVE WEST

STATUS

ISSUED FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

DRAWN	DESIGNED	CHECKED	APPROVED
CMM	NH	SH	-

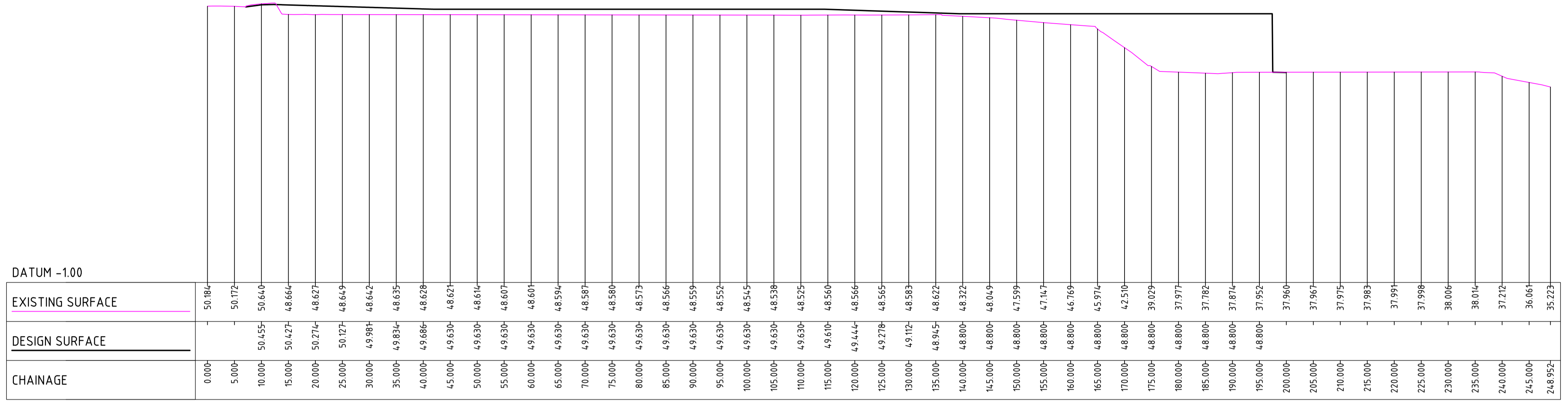
DATOR: AHD GRID: GDA2020 MGA-56 SCALE: 1:2000 AT: A1 SIZE

TITLE

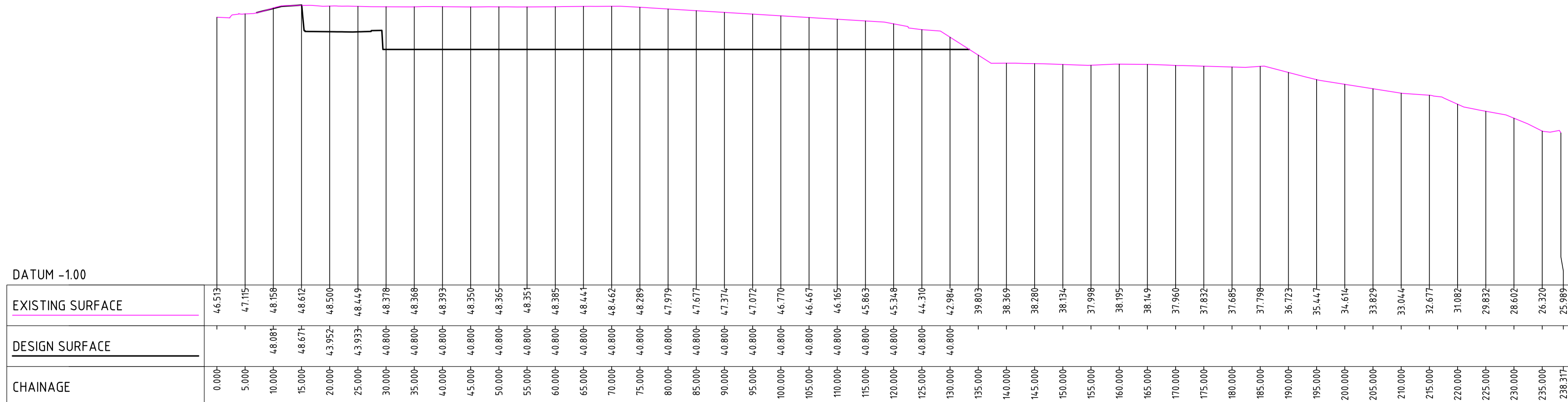
COVER SHEET,
LOCALITY PLAN
AND DRAWING INDEX

PROJECT No. S24248 DRAWING No. CI-0000 REV. E

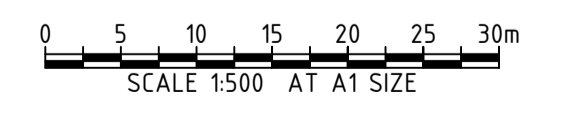
\\USERS\BENJAMIN.SUNSHAM\WORK\ACC00518064_401010 URBAN CIVIL_DRAFTING\PROJECT FILES\S24248 - 12 MARS ROAD\1003 CIVIL\AUTOCAD\S24248-CI-0000.DWG
9/26/2025 9:47:01 AM



LONGITUDINAL SECTION - 1
SCALE HORIZ. 1:500 VERT. 1:500



LONGITUDINAL SECTION - 2
SCALE HORIZ. 1:500 VERT. 1:500



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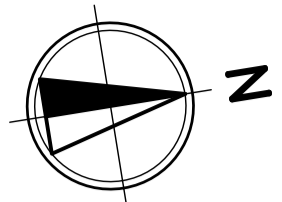
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DATUM: AHD
GRID: GDA2020 MGA-56
SCALE: AS SHOWN AT A1 SIZE

TITLE
EARTHWORKS SECTIONS SHEET 1 OF 4

PROJECT No: S24248
DRAWING No: CI-0140
REV: E



LEGEND

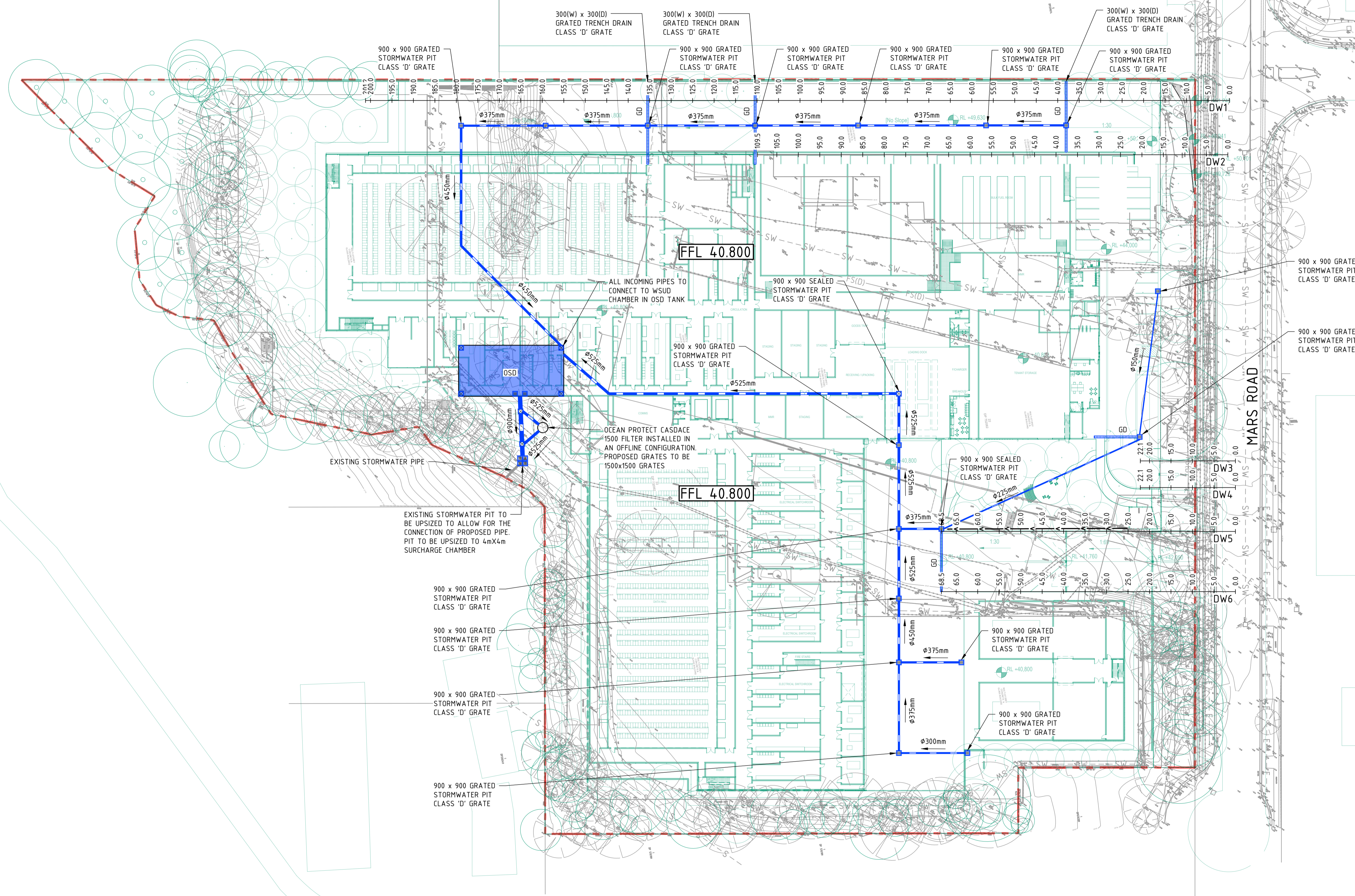
- SITE BOUNDARY
- ARCHITECTURAL
- SURVEY
- EXISTING SURFACE CONTOURS
- PROPOSED MAJOR CONTOURS
- PROPOSED MINOR CONTOURS
- $\phi 150$ uPVC @ 1% MIN PROPOSED STORMWATER (SIZE AND GRADE)
- EXISTING DRAINAGE PIPE
- PROPOSED GRATED INLET PIT/ PROPOSED KERB INLET PIT
- EXISTING INLET PITS
- GD PROPOSED GRATED DRAIN
- PROPOSED SWALE
- PROPOSED OSD TANK

EXISTING UTILITIES

- EXISTING ELECTRICITY
- EXISTING TELECOMMUNICATIONS
- EXISTING SEWER
- EXISTING GAS
- EXISTING WATER
- EXISTING STORMWATER

NOTE

1. OCEANGUARD FILTERS (OR EQUIVALENT) TO BE INSTALLED IN ALL GRATED PITS.



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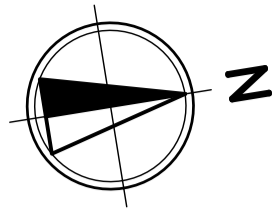
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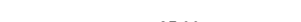







PROJECT
PROJECT MARS DATA CENTRE
 12 MARS ROAD, LANE COVE WEST

STATUS			
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DRAWN	DESIGNED	CHECKED	APPROVED
CM	NH	SH	-
DATUM	GRID	SCALE	
AHD	GDA2020 MGA-56	1:500	







TITLE	
SITWORKS AND DRAINAGE PLAN SITE PLAN	
PROJECT No.	DRAWING No.
S24248	CI-0200
REV	
E	



LEGEND

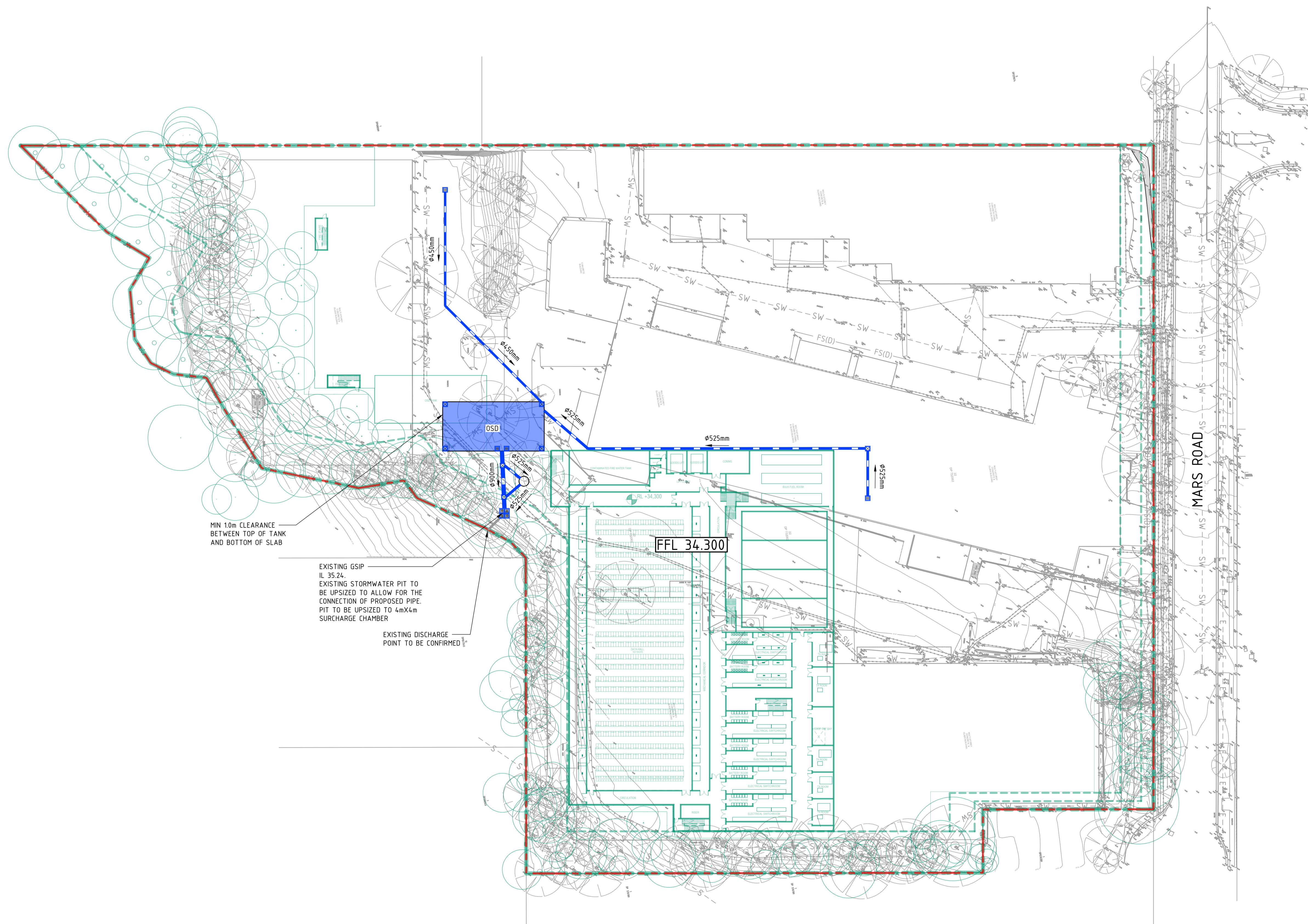
-  SITE BOUNDARY
-  ARCHITECTURAL
-  SURVEY
-  27.00 EXISTING SURFACE CONTOURS
-  27.00 PROPOSED MAJOR CONTOURS
-  PROPOSED MINOR CONTOURS
-  $\phi 150$ uPVC @ 1% MIN PROPOSED STORMWATER (SIZE AND GRADE)
-  EXISTING DRAINAGE PIPE
-  PROPOSED GRATED INLET PIT/
PROPOSED KERB INLET PIT
-  EXISTING INLET PITS
-  GD PROPOSED GRATED DRAIN
-  PROPOSED SWALE
-  PROPOSED OSD TANK

EXISTING UTILITIES

-  EXISTING ELECTRICITY
-  EXISTING TELECOMMUNICATIONS
-  EXISTING SEWER
-  EXISTING GAS
-  EXISTING WATER
-  EXISTING STORMWATER

NOTE

1. OCEANGUARD FILTERS (OR EQUIVALENT) TO BE INSTALLED IN ALL GRATED PITS.



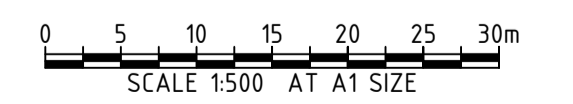
MIN 1.0m CLEARANCE BETWEEN TOP OF TANK AND BOTTOM OF SLAB

EXISTING GSIP IL 35.24. EXISTING STORMWATER PIT TO BE UPSIZED TO ALLOW FOR THE CONNECTION OF PROPOSED PIPE. PIT TO BE UPSIZED TO 4mX4m SURCHARGE CHAMBER

EXISTING DISCHARGE POINT TO BE CONFIRMED

FFL 34.300

MARS ROAD



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12 MARS ROAD, LANE COVE WEST

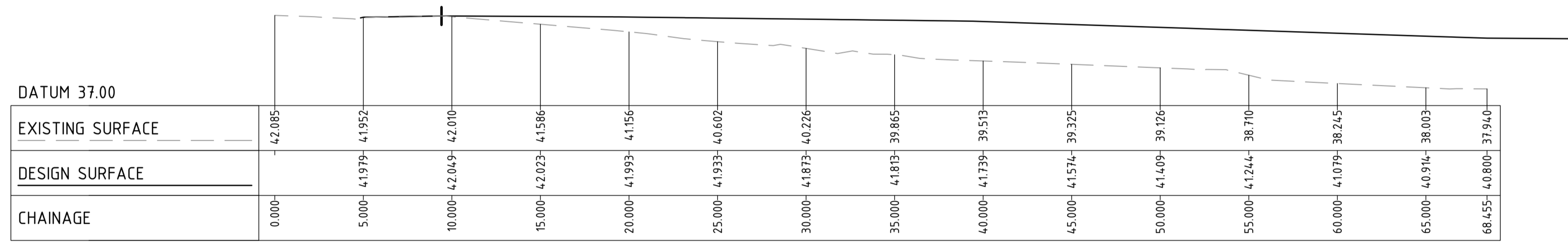
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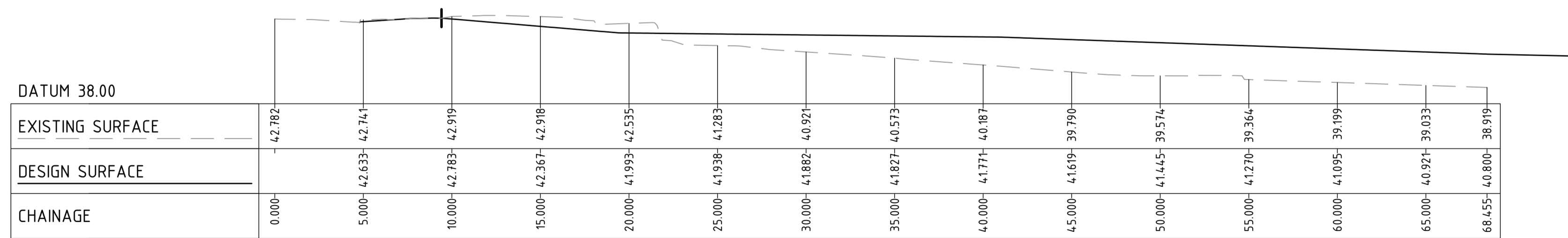
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GRID: GDA2020 MGA-56
SCALE: 1:500 AT A1 SIZE

TITLE
SITWORKS AND DRAINAGE PLAN LOWER GROUND FLOOR

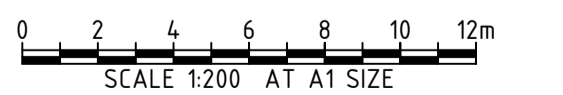
PROJECT No: **S24248**
DRAWING No: **CI-0201**
REV: **E**



LONGITUDINAL SECTION - DW6
SCALE HORIZ. 1:200 VERT. 1:200



LONGITUDINAL SECTION - DW5
SCALE HORIZ. 1:200 VERT. 1:200



REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
C	26.05.25	ISSUED FOR APPROVAL	SH				
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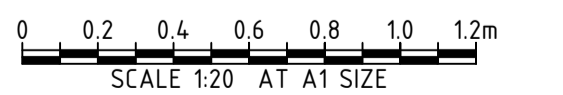
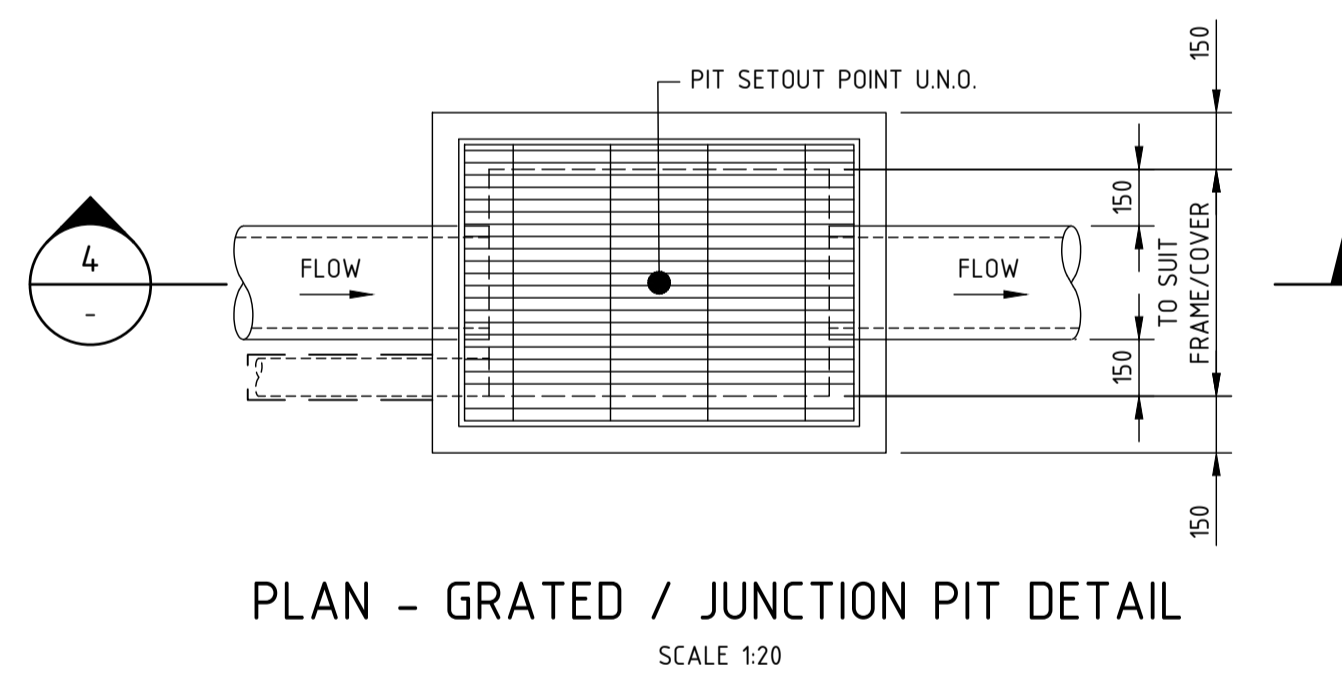
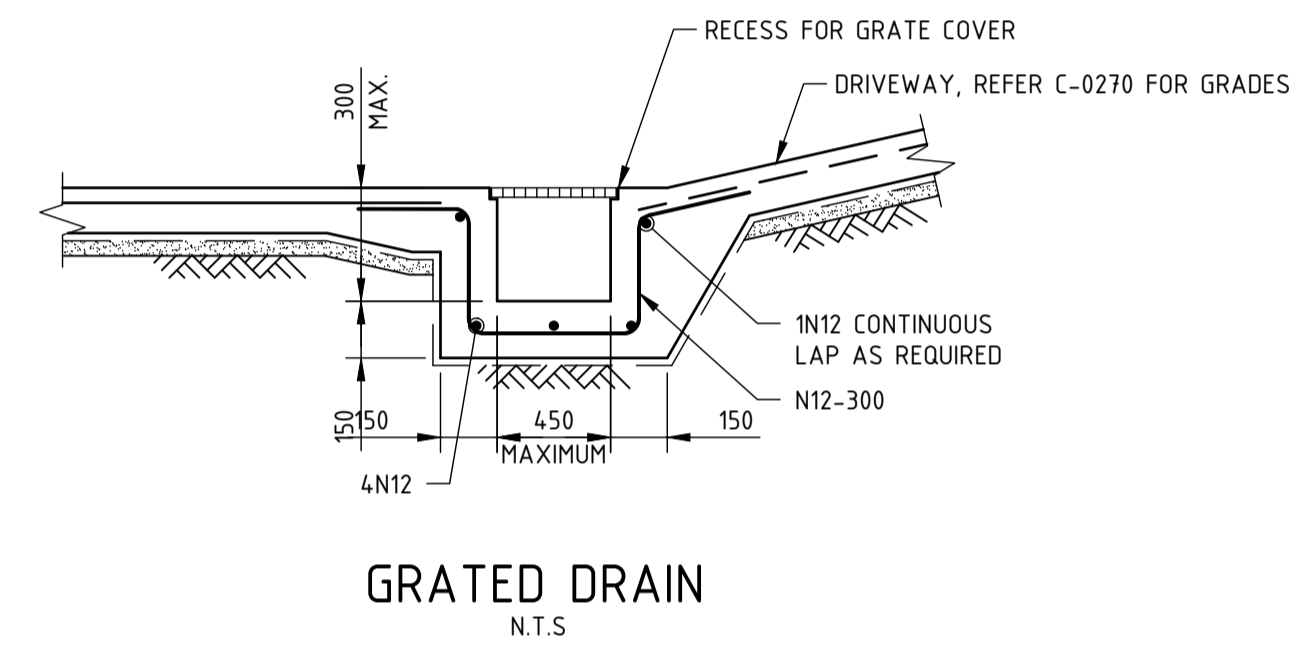
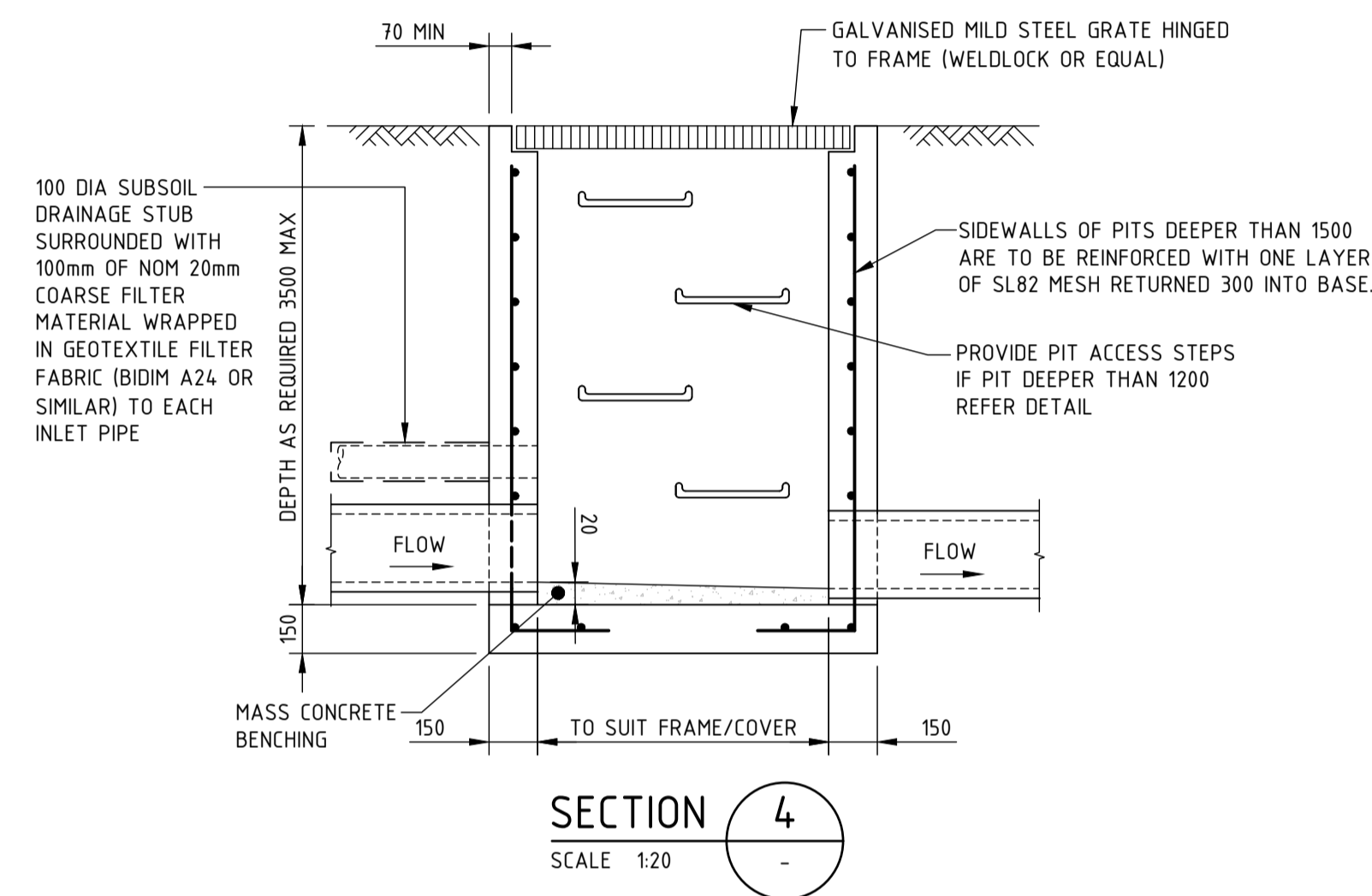
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12 MARS ROAD, LANE COVE WEST

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TITLE DRIVEWAY LONGITUDINAL SECTIONS SHEET 3 OF 3		
PROJECT No. S24248	DRAWING No. CI-0272	REV C



REV	DATE	DESCRIPTION	REVISIONS	RVD	REV	DATE	DESCRIPTION	REVISIONS	RVD
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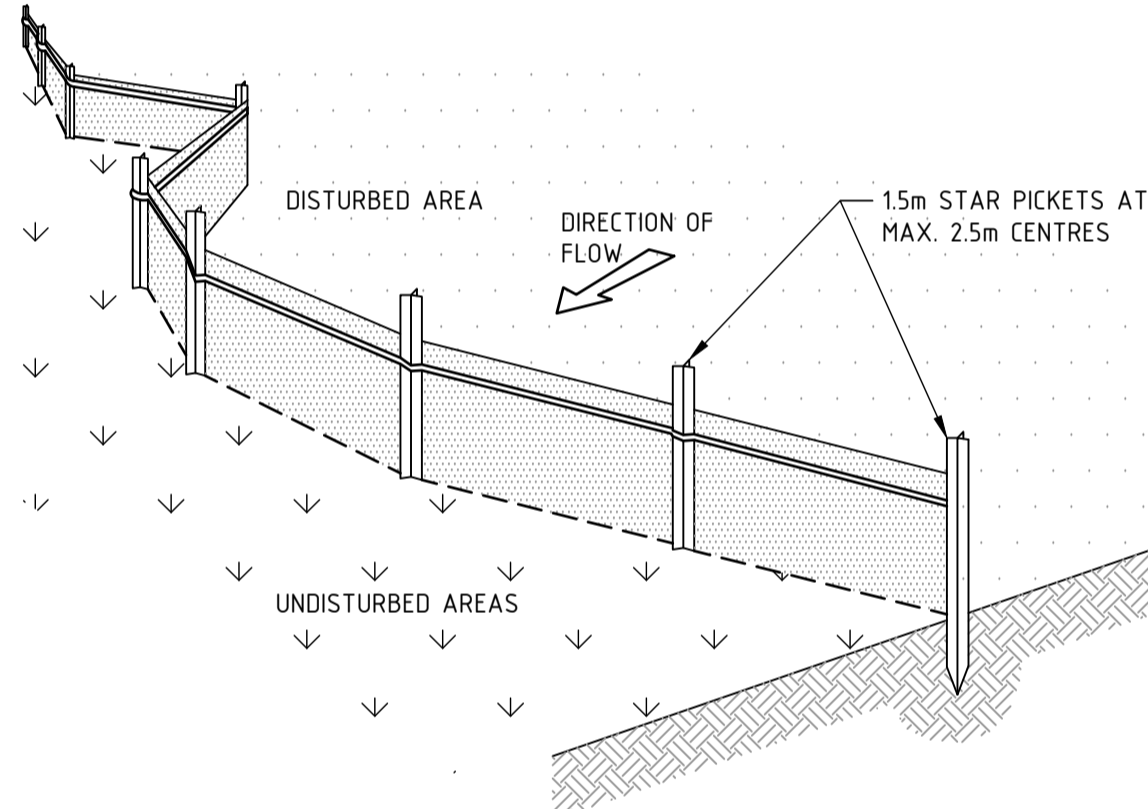
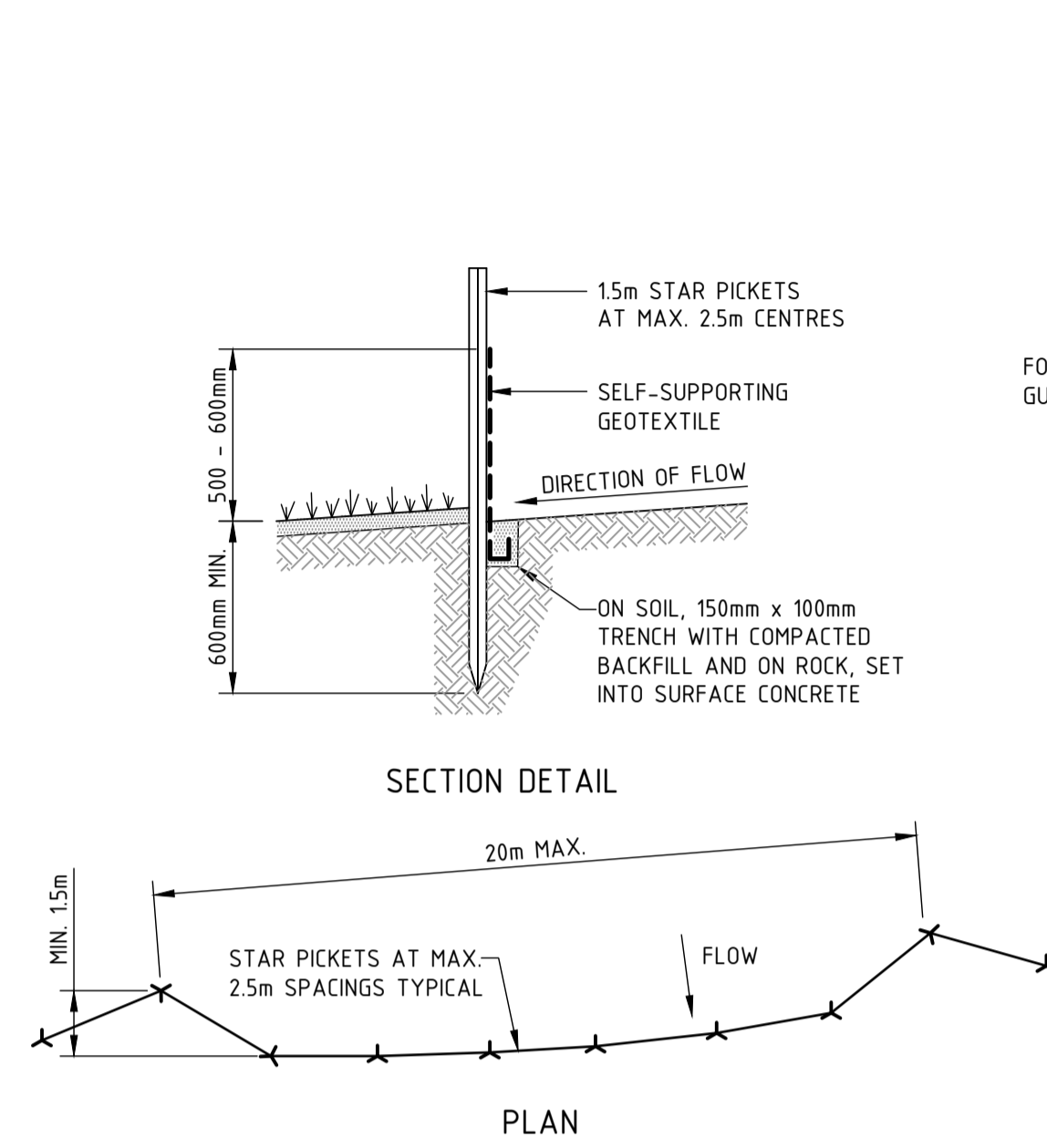
Sydney Office –
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 12 MARS ROAD, LANE COVE WEST

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CMM	NH	SH	-
DATUM	GRID	SCALE	
AHD	GDA2020 MGA-56	AS SHOWN	AT A1 SIZE

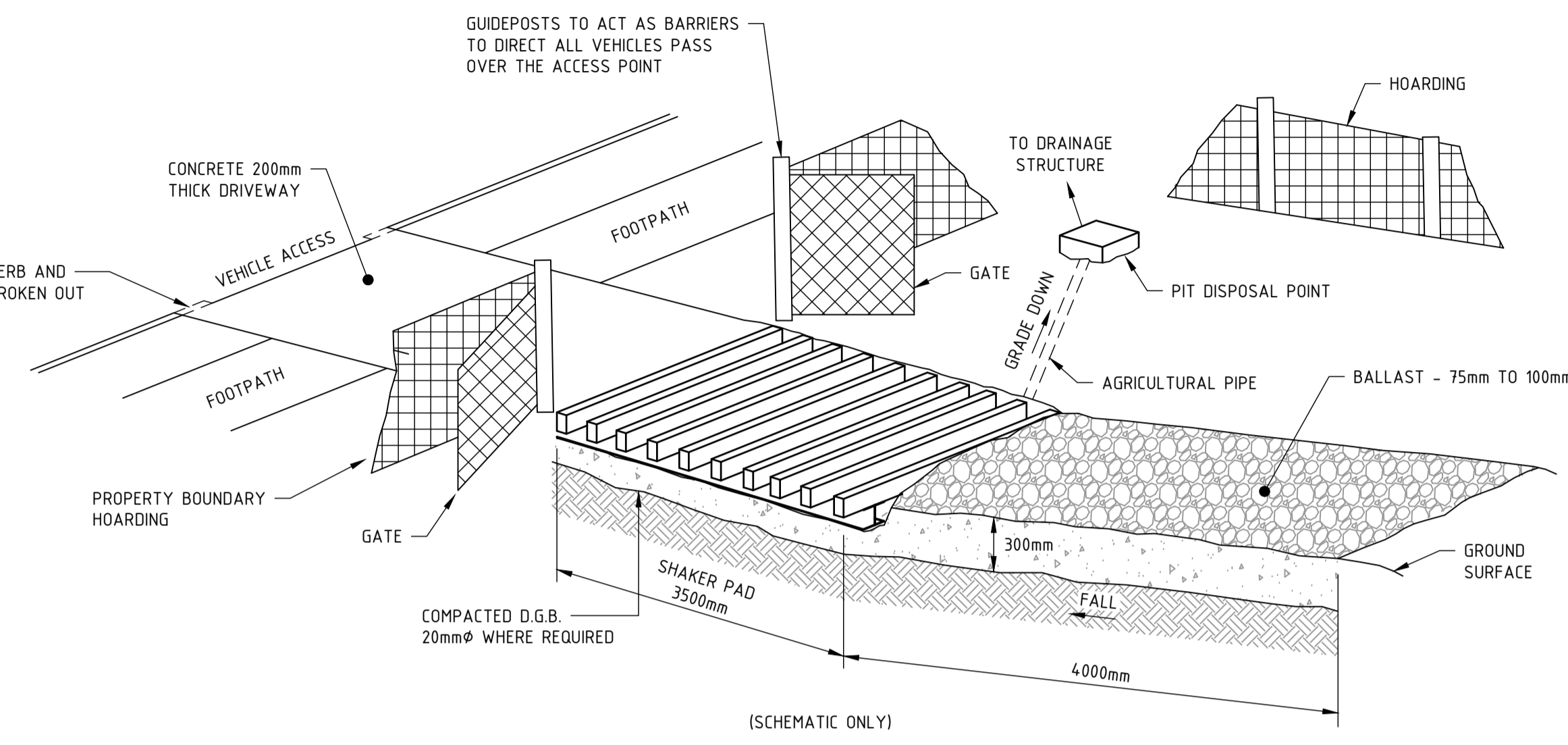
TITLE	
DRAINAGE DETAILS	
PROJECT No.	DRAWING No.
S24248	CI-0340
REV	E



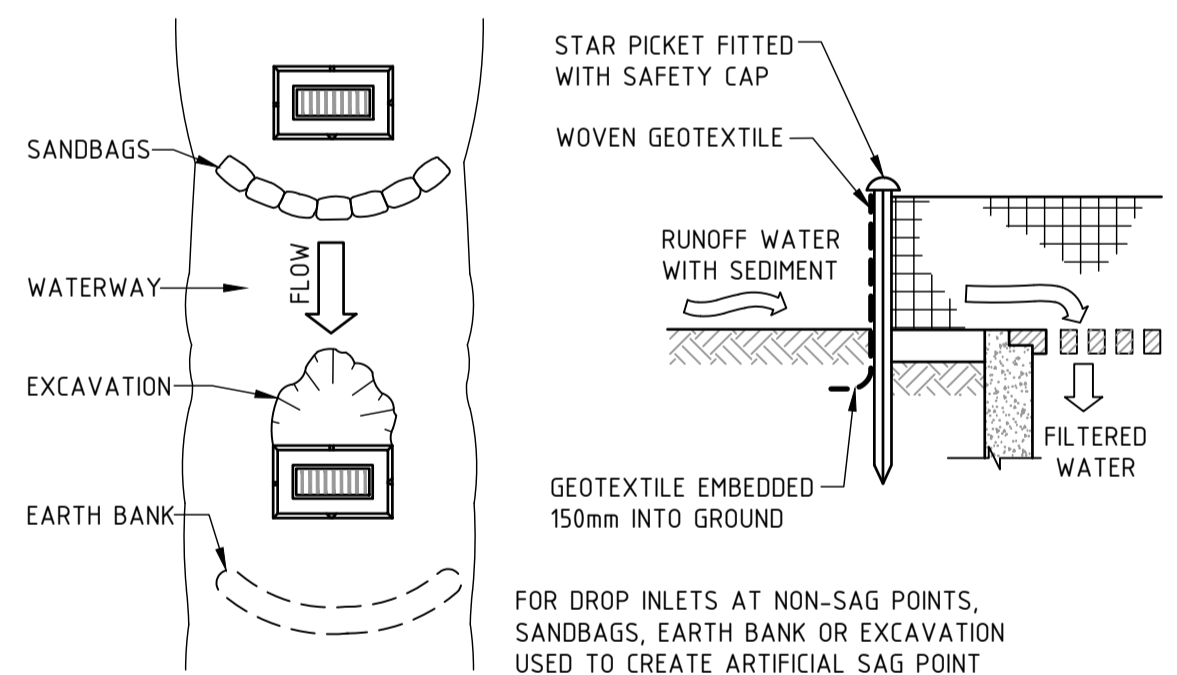
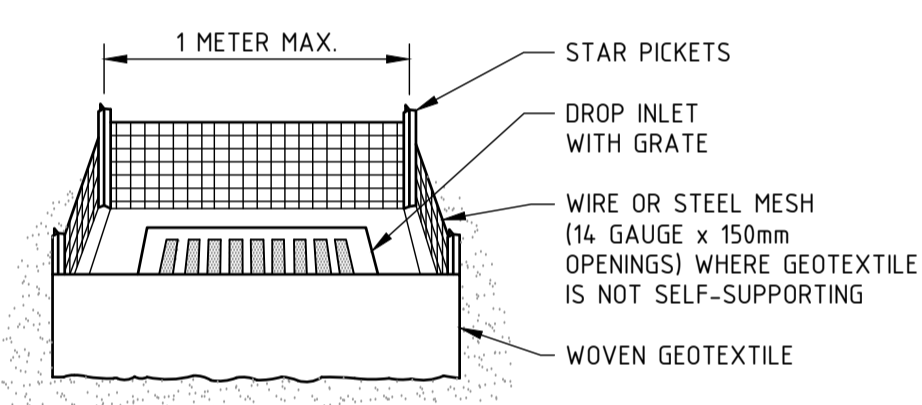
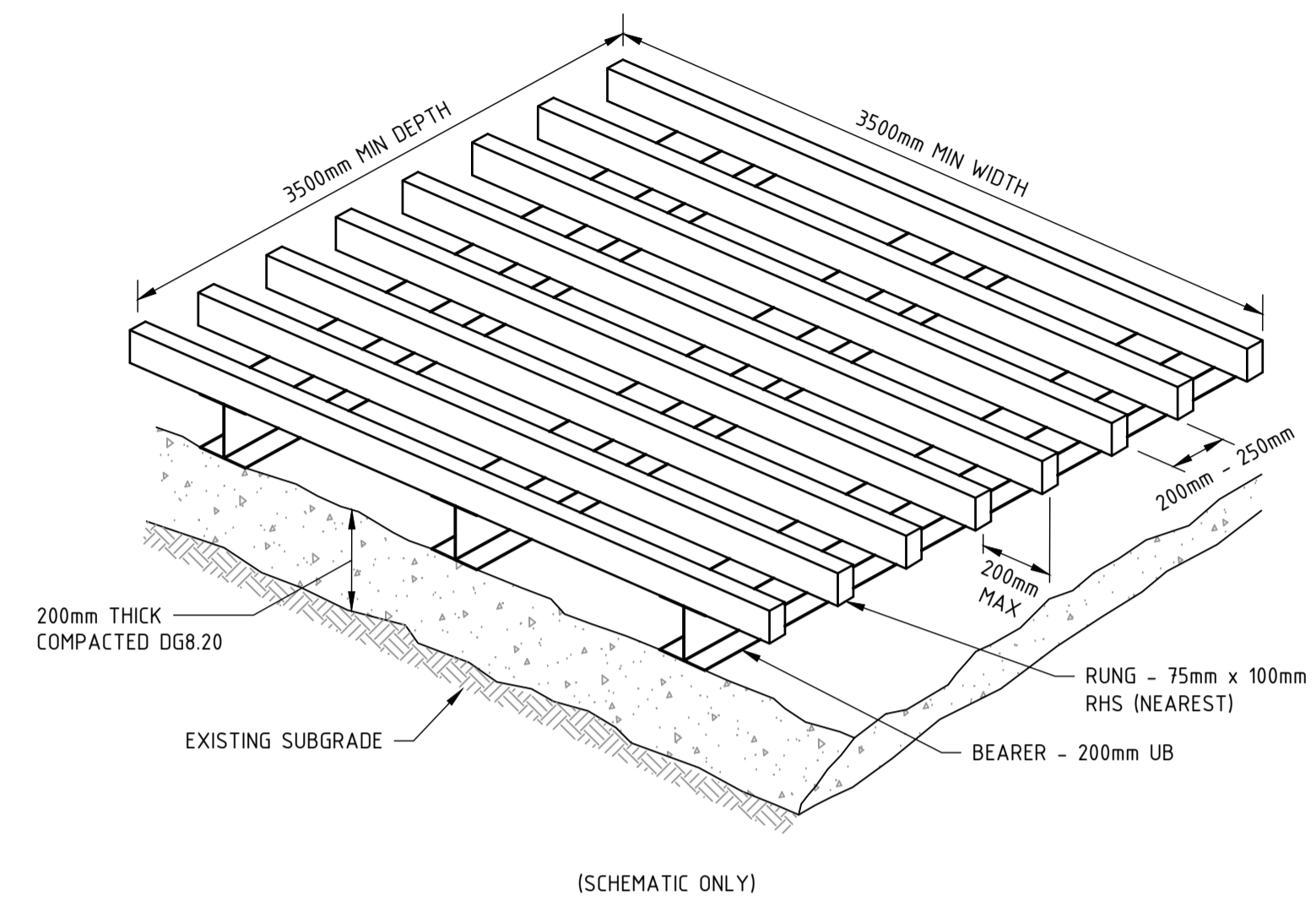
SEDIMENT FENCE CONSTRUCTION NOTES:

- CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITERS PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
- CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
- DRIVE 15m LONG STAR PICKETS INTO GROUND AT 2.5m INTERVALS (MAX.) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
- FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
- JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
- BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.

SEDIMENT FENCE
SCALE N.T.S.



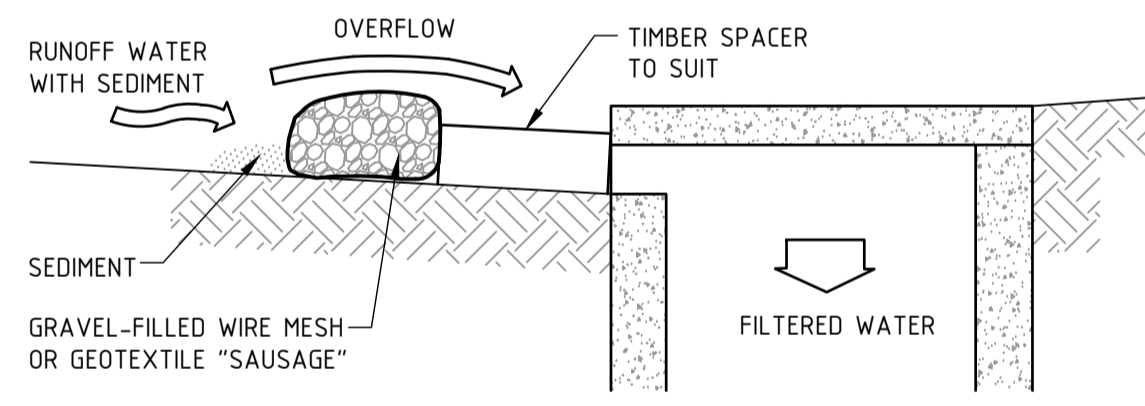
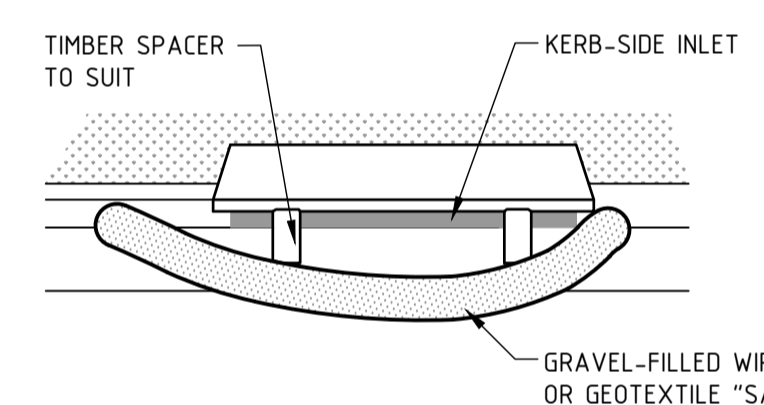
STABILISED SITE ACCESS - SHAKER GRID
SCALE N.T.S.



GEOTEXTILE INLET FILTER CONSTRUCTION NOTES:

- FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
- PICKET SPACING TO BE A MAXIMUM 1.0m CENTRES.
- IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
- DO NOT COVER THE INLET WITH GEOTEXTILES UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.

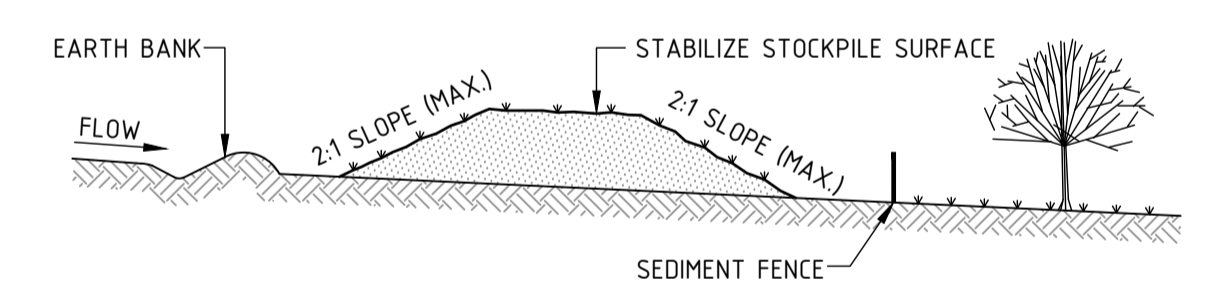
GEOTEXTILE INLET FILTER
SCALE N.T.S.



MESH & GRAVEL INLET FILTER CONSTRUCTION NOTES:

- INSTALL FILTERS TO KERB INLETS ONLY AT SAG POINTS.
- FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL.
- FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH x 400mm WIDE.
- PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.
- FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER.
- SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY CAN FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.

MESH & GRAVEL INLET FILTER
SCALE N.T.S.



STOCKPILE CONSTRUCTION NOTES:

- PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
- CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
- WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
- WHERE THEY ARE TO BE PLACE FOR MORE THAN 10 DAYS, STABILIZE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
- CONSTRUCT EARTH BANKS ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES 1 TO 2 METRES DOWNSLOPE.

STOCKPILES
SCALE N.T.S.

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TITLE EROSION AND SEDIMENT CONTROL DETAILS	
PROJECT No. S24248	DRAWING No. CI-0710
REV E	