

20 CARRINGTON ROAD, CASTLE HILL

CIVIL ENGINEERING PACKAGE | INTERNAL WORKS

20 CARRINGTON ROAD
CASTLE HILL
NSW 2154



LOCALITY PLAN

SOURCE : METROMAP.COM.AU (@2026)

DRAWING LIST

C11.01	COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN
C11.11	SPECIFICATION NOTES
C12.01	SEDIMENT AND SOIL EROSION CONTROL PLAN
C12.11	SEDIMENT AND SOIL EROSION CONTROL DETAILS
C13.01	LEVEL DIFFERENCE PLAN
C13.11	BULK EARTHWORKS CUT TO FILL SECTIONS - SHEET 01
C13.12	BULK EARTHWORKS CUT TO FILL SECTIONS - SHEET 02

NOT FOR CONSTRUCTION

NORTHROP

SYDNEY
Level 10, 400 George Street
Sydney NSW 2000
sydney@northrop.com.au
(02) 9241 4188

PARTNERS

ARADA **TURNER**

Level 7
1 Oxford Street Darlinghurst
NSW 2010

DRAWN
V. CHON

DESIGNED
A. FALLINS

0 20 40 60 80 100m

Scale at A1

JOB MANAGER
B. LAWRENCE

VERIFIER

REV.	DESCRIPTION	ISSUED	DATE
2	ISSUED FOR SSDA	VC	04.05.26
1	ISSUED FOR INFORMATION	VC	30.04.26

PROJECT

**20 CARRINGTON ROAD,
CASTLE HILL**
CIVIL ENGINEERING PACKAGE | INTERNAL WORKS | SSDA
ADDRESS
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NSW 2154

DRAWING

**COVER SHEET, DRAWING SCHEDULE
AND LOCALITY PLAN**

JOB No.

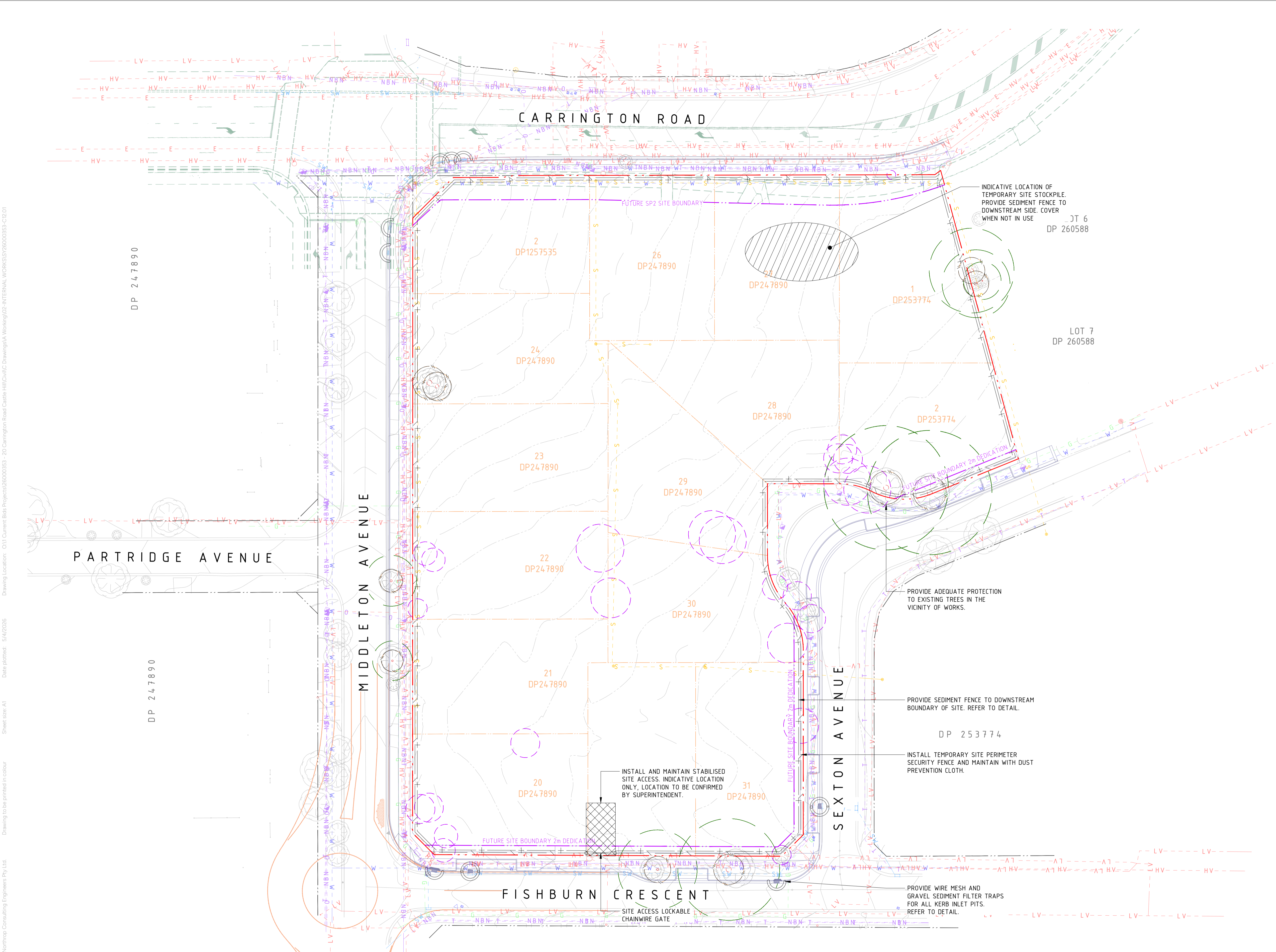
SY26000353

DRAWING No.

C11.01

REV.

2



LEGEND

- PROPOSED SITE BOUNDARY LINE
- EXISTING BOUNDARY LINE
- REDUNDANT BOUNDARY LINE
- FUTURE SITE BOUNDARY
- FUTURE DESIGN LAYOUT BY OTHERS
- PROPOSED DESIGN LAYOUT
- PUBLIC DOMAIN WORKS - COMPLETED AS PART OF PUBLIC DOMAIN WORKS PACKAGE
- EXISTING CONTOURS
- + SEDIMENT FENCE
- SECURITY FENCE
- () WIRE MESH AND GRAVEL SEDIMENT FILTER
- [] STABILISED SITE ACCESS
- () STOCKPILE
- () TREE PROTECTION
- () TREE TO BE REMOVED
- () TREE TO BE RETAINED
- o TREE TRUNK TO BE RETAINED
- () STRUCTURAL ROOT ZONE (SRZ) OF TREE TO BE RETAINED
- () NOTIONAL ROOT ZONE (NRZ) OF TREE TO BE RETAINED
- EXISTING ELECTRICITY
- EXISTING GAS
- EXISTING TELECOMMUNICATIONS
- EXISTING WATER
- EXISTING SEWER
- EXISTING STORMWATER

- ### GENERAL NOTES:
1. REFER SPECIFICATIONS NOTES FOR SEDIMENT AND SOIL EROSION CONTROL GENERAL REQUIREMENTS.
 2. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL / RELEVANT AUTHORITY SPECIFICATIONS AND DETAILS.
 3. ALL SEDIMENT AND SOIL EROSION CONTROL MEASURES TO BE INSTALLED IN ACCORDANCE WITH THE 'BLUE BOOK'. CONTRACTOR TO ENSURE THESE MEASURES ARE IN PLACE AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION WORKS.
 4. CONTRACTOR TO PROVIDE 'WIRE MESH AND GRAVEL SEDIMENT FILTER' TO ALL PAVED / ROAD AREAS (BOTH PROPOSED AND EXISTING) IN ACCORDANCE WITH THE 'BLUE BOOK'.
 5. CONTRACTOR TO PROVIDE 'GEOTEXTILE INLET FILTER TRAPS' TO ALL STORMWATER DRAINAGE INLETS (BOTH PROPOSED AND EXISTING) IN ACCORDANCE WITH THE 'BLUE BOOK'.
 6. ALL PITS OPEN TO ATMOSPHERE TO BE PROTECTED IN ACCORDANCE WITH THE 'BLUE BOOK'.

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Scale at A1

JOB MANAGER
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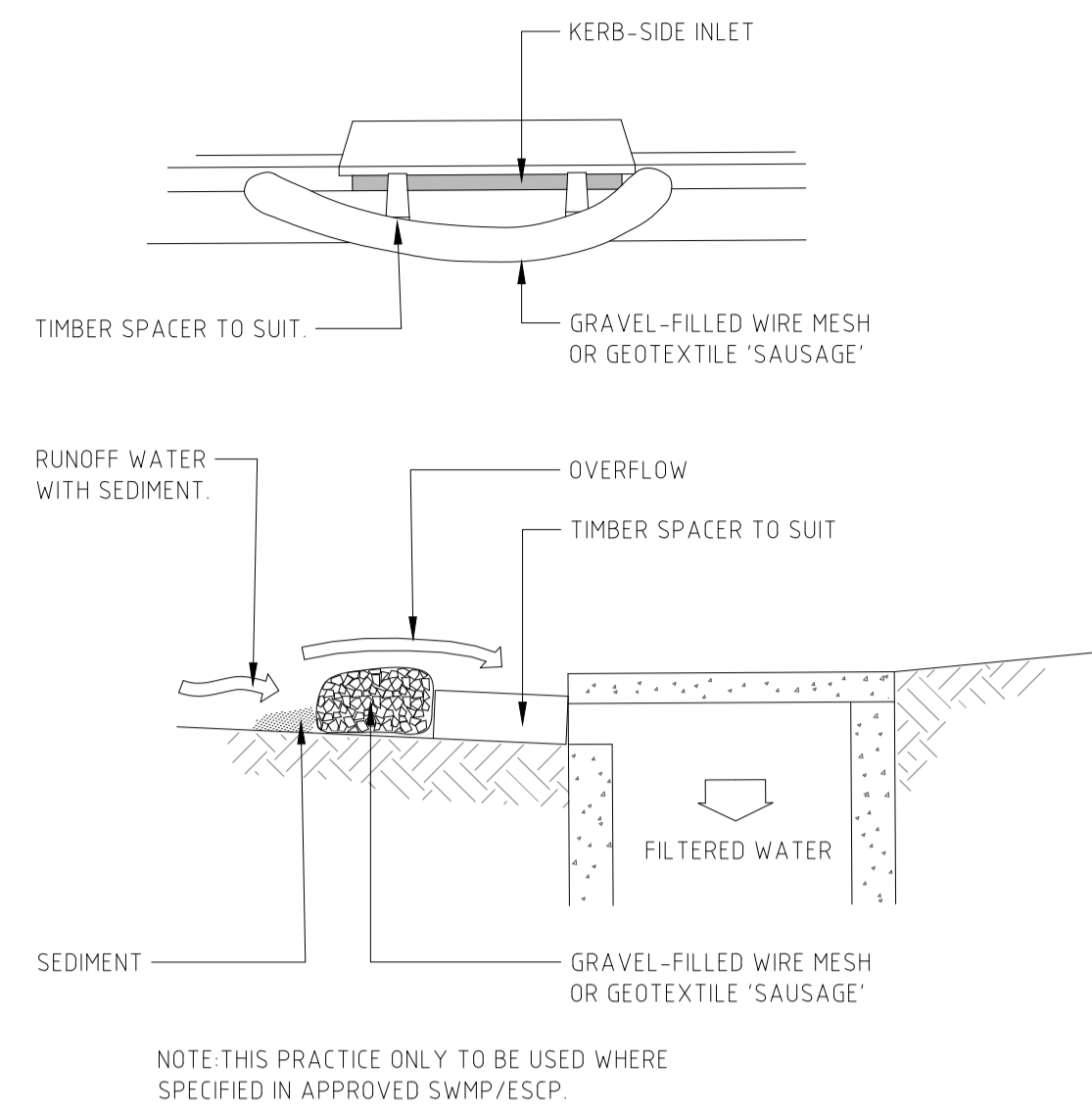
PROJECT
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DRAWING
**SEDIMENT AND SOIL EROSION
CONTROL PLAN**

JOB No.
SY26000353
DRAWING No.
C12.01
REV.
2

Drawing Location: C:\1 Current\Bios\Projects\26000353 - 20 Carrington Road Castle Hill\Civil\Drawings\A Working\02-INTERNAL WORKS\SSDA\26000353-C12.01
Date plotted: 5/4/2026
Sheet size: A1
Drawing to be printed in colour
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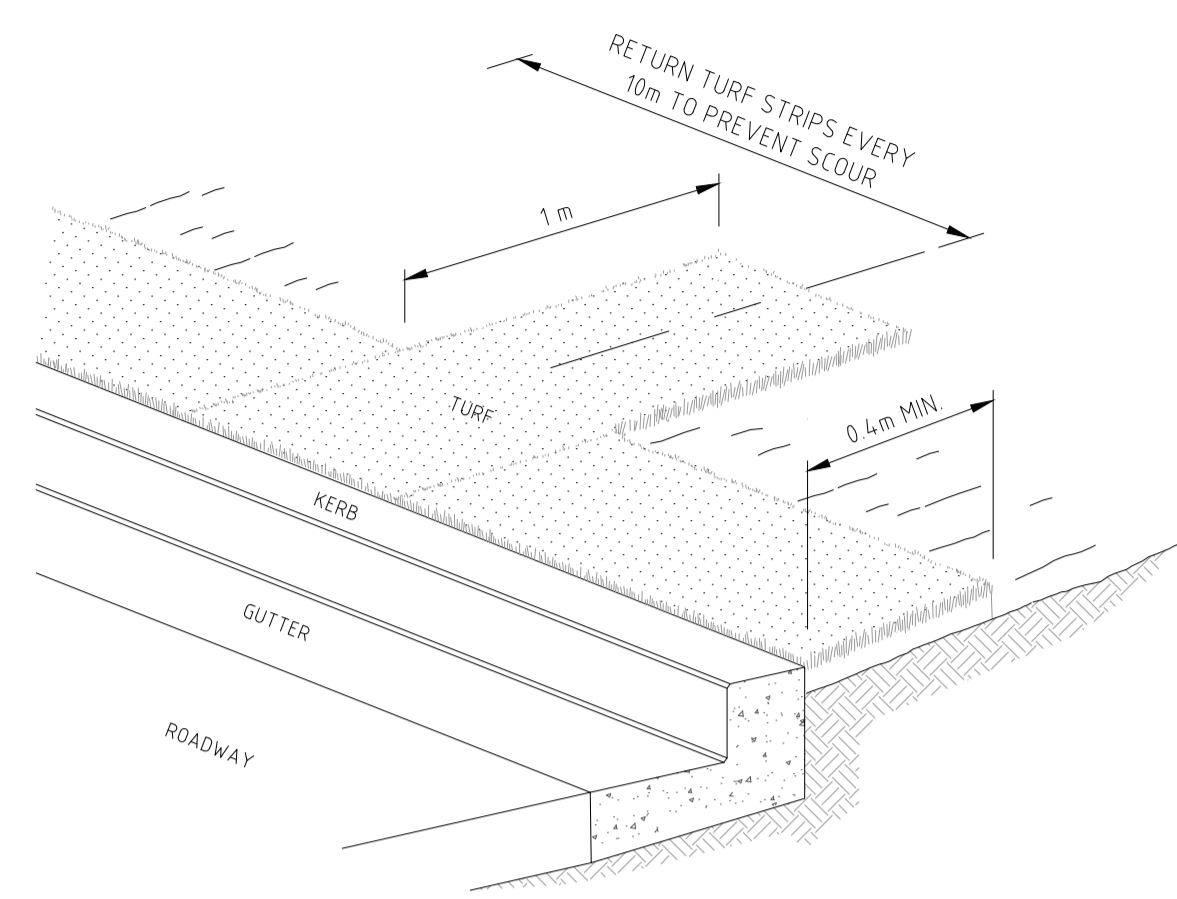
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 Date plotted: 5/4/2016
 Sheet size: A1
 Drawing to be printed in colour
 Drawing © Northrop Consulting Engineers Pty Ltd



CONSTRUCTION NOTES

1. INSTALL FILTERS TO KERB INLETS ONLY AT SAG POINTS.
2. 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.
3. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH x 400mm WIDE.
4. PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.
5. FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER.
6. SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY FIRMLY ABUT EACH OTHER AND SEDIMENT-LOADED WATERS CANNOT PASS BETWEEN.

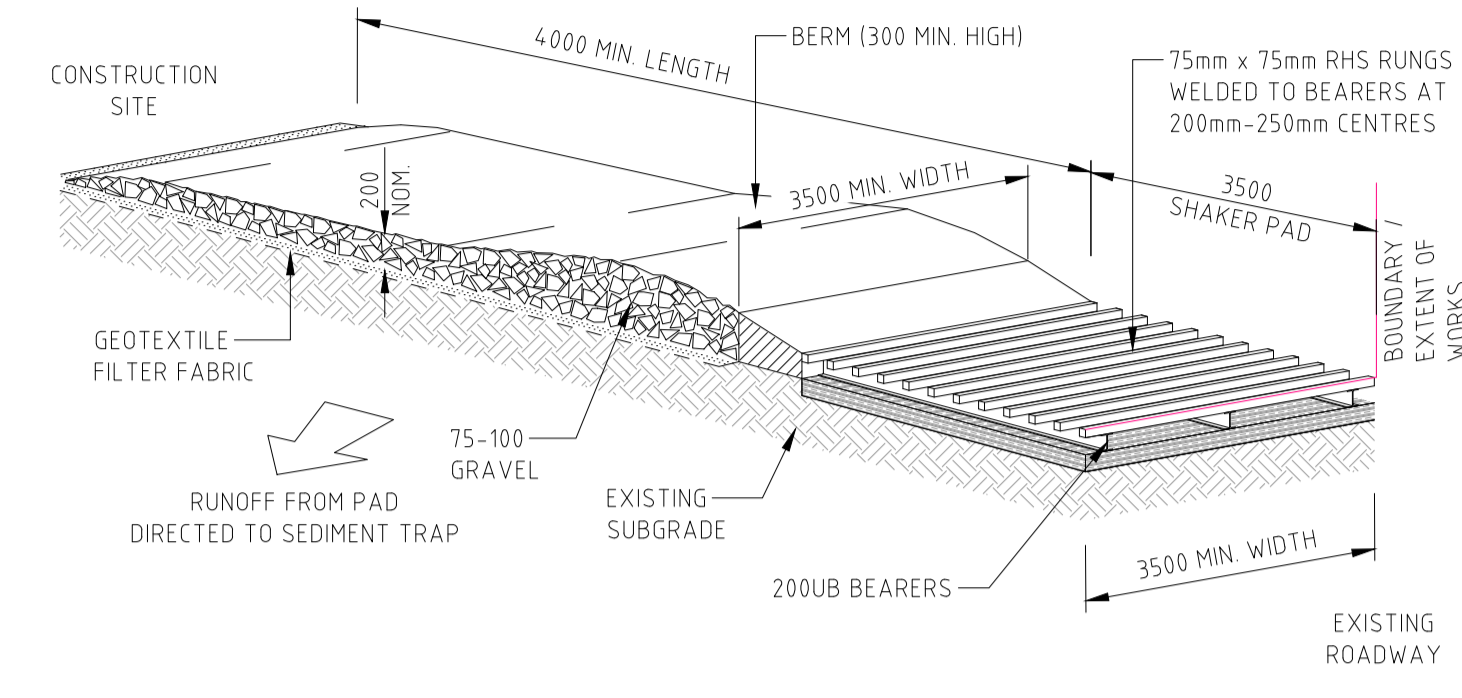
WIRE MESH AND GRAVEL SEDIMENT FILTER



CONSTRUCTION NOTES

1. INSTALL A 400mm MINIMUM WIDE ROLL OF TURF ON THE FOOTPATH NEXT TO THE KERB AND AT THE SAME LEVEL AS THE TOP OF THE KERB.
2. LAY 14m LONG TURF STRIPS NORMAL TO THE KERB EVERY 10m.
3. REHABILITATE DISTURBED SOIL BEHIND THE TURF STRIP FOLLOWING THE ESCP/SWMP.

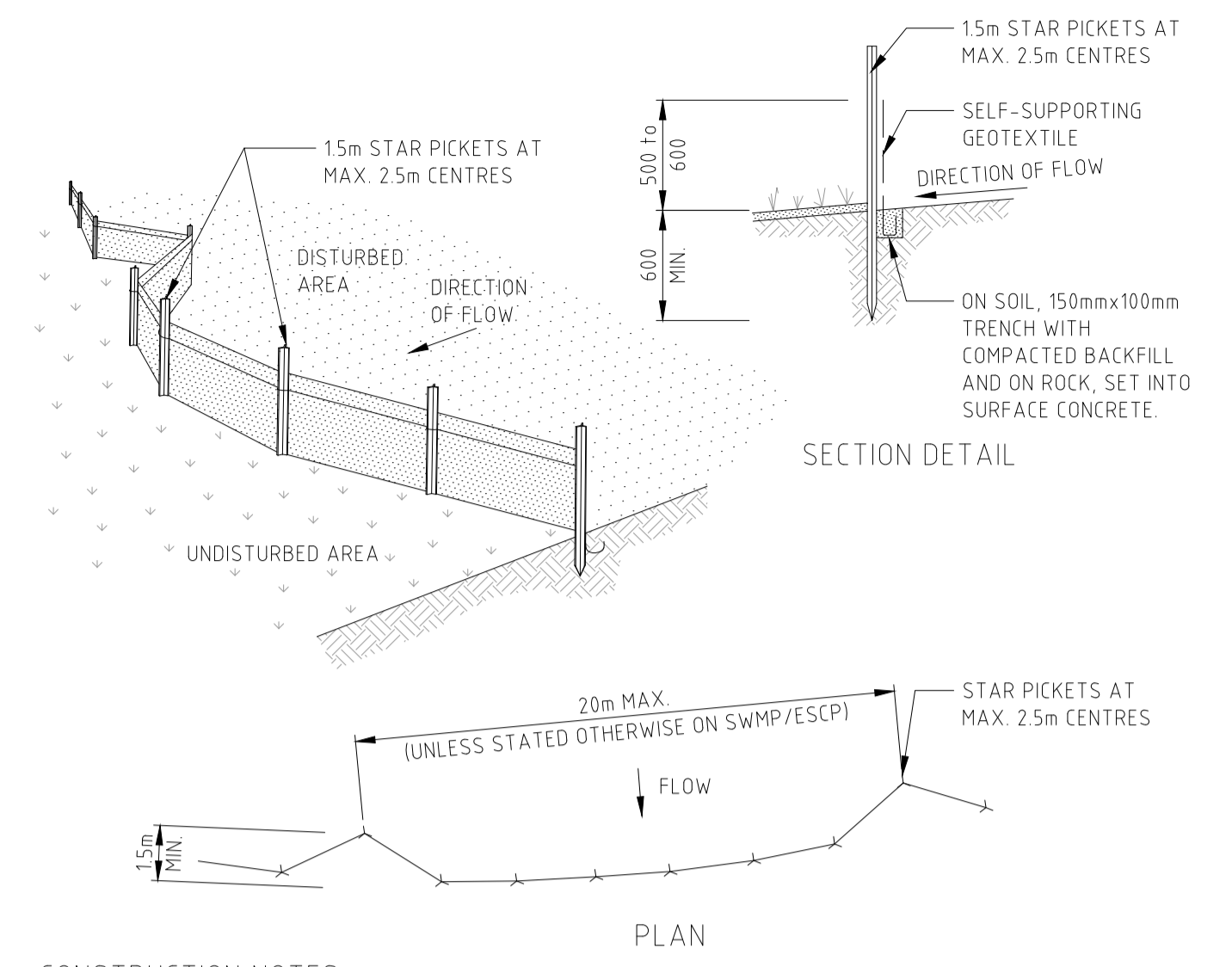
KERBSIDE TURF STRIP



CONSTRUCTION NOTES

1. THE TEMPORARY ACCESS SHALL BE MAINTAINED IN A CONDITION THAT PREVENTS TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS OF WAY.
 - THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL GRAVEL AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS OF WAY MUST BE REMOVED IMMEDIATELY.
3. INSTALL BARRIER ON EITHER SIDE OF SHAKER PAD TO ENSURE VEHICLES ARE GUIDED ON TO THE PAD.
4. INVERT OF SHAKER PAD TO BE DRAINED VIA AGRICULTURAL PIPE WRAPPED IN GEOTEXTILE FABRIC.

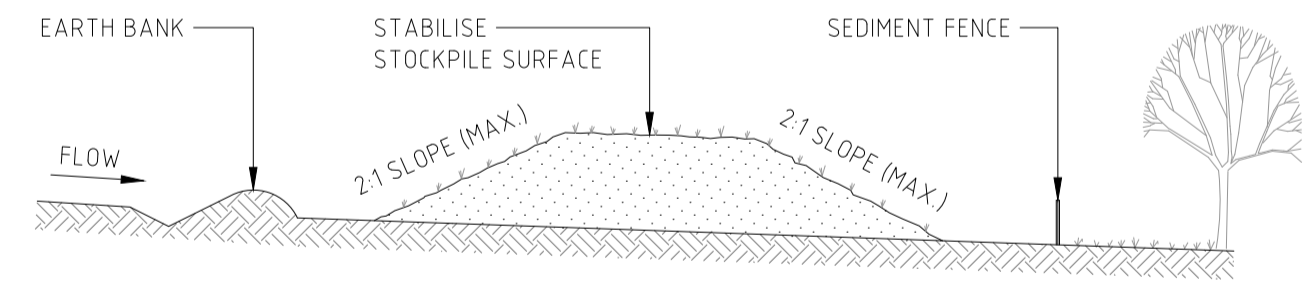
STABILISED SITE ACCESS



CONSTRUCTION NOTES

1. 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 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
2. CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
3. DRIVE 15 METRE LONG STAR PICKETS INTO GROUND AT 2.5 METRE INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
4. 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.
5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.

SEDIMENT FENCE



CONSTRUCTION NOTES

1. PLACE STOCKPILES MORE THAN 2m (PREFERABLY 5m) FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2m IN HEIGHT.
4. WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
5. CONSTRUCT EARTH BANKS (STANDARD DRAWING 5-5) ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES (STANDARD DRAWING 6-8) 1 TO 2m DOWNSLOPE.

STOCKPILE

NOT FOR CONSTRUCTION



PARTNERS



SYDNEY
 Level 10, 400 George Street
 Sydney NSW 2000
 sydney@northrop.com.au
 (02) 9241 4188

DRAWN
 V.CHON
DESIGNED
 A.FALLINS

JOB MANAGER
 B.LAWRENCE
VERIFIER

NOT TO SCALE

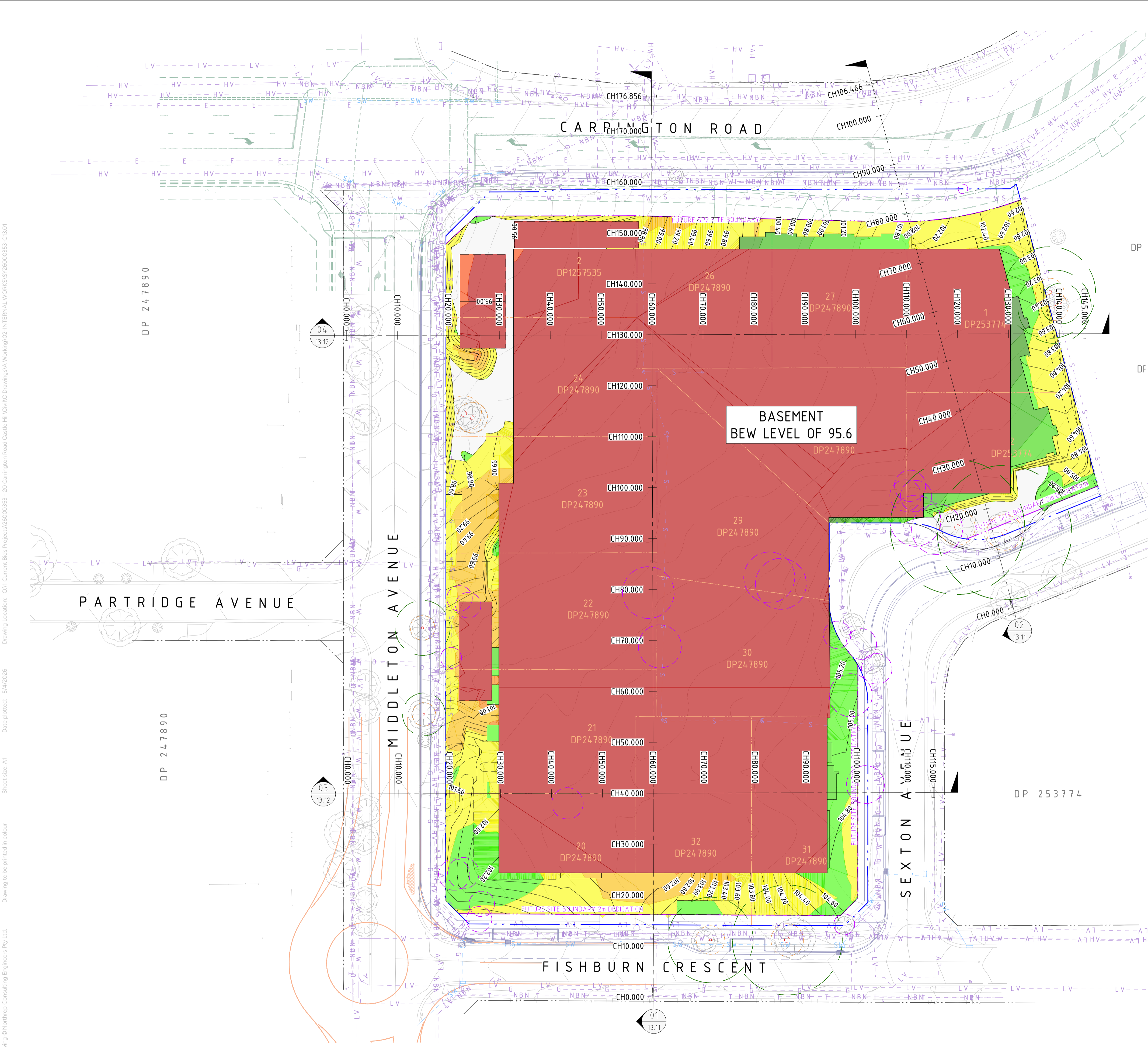
Scale at

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DRAWING
 SEDIMENT AND SOIL EROSION
 CONTROL DETAILS

JOB No.
 SY26000353
DRAWING No.
 C12.11
REV.
 2



- GENERAL NOTES:**
- REFER SPECIFICATIONS NOTES FOR EARTHWORKS GENERAL REQUIREMENTS.
 - ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL / RELEVANT AUTHORITY SPECIFICATIONS AND DETAILS.
 - CAD FILE / DTM FILES CAN BE PROVIDED IN NATIVE FORMAT UPON REQUEST.
 - STRIP EXISTING TOPSOIL IN CONSULTATION WITH THE GEOTECHNICAL ENGINEER / REPORT. FOR THE PURPOSES OF EARTHWORKS CALCULATIONS A TOPSOIL STRIPPING DEPTH OF 300mm HAS BEEN ASSUMED. EXISTING GROUND SLAB DEPTH OF 300mm HAS BEEN ASSUMED WHERE REQUIRED.
 - NO ALLOWANCE HAS BEEN MADE FOR BULKING FACTORS. NOTE ALL VOLUMES DEPICTED ARE SOLID VOLUMES ONLY.
 - NO ALLOWANCE HAS BEEN MADE FOR DETAILED EARTHWORKS; ie SERVICE TRENCHING, DETAILED EXCAVATION, FOOTINGS, REMOVAL OF UNSUITABLE MATERIAL, RETAINING WALLS AND THE LIKE. CONTRACTOR IS TO ALLOW FOR REMOVAL OF ALL EXCESS MATERIAL GENERATED BY THE WORKS.
 - THE CONTRACTOR SHALL USE FINAL SURFACE LEVELS AND TYPICAL PAVEMENT DETAILS FOR ACTUAL EARTHWORKS LEVELS.
 - BULK EARTHWORKS ARE BASED ON THE FOLLOWING DEPTHS FROM FINISHED SURFACE LEVELS;
 - CONCRETE PAVEMENT 300mm
 - BUILDING SLAB 300mm
 - FOOTPATH PAVEMENT 300mm
 - LANDSCAPE AREA 300mm
 - APPROXIMATE BULK EARTHWORK VALUES AS FOLLOWS;
 - CUT 63,550 m³
 - FILL 440 m³
 - BALANCE 63,110 m³
 - NOTE: SITE STRIPPING VOLUMES HAVE NOT BEEN INCLUDED IN ABOVE CALCULATIONS.

LEGEND

- PROPOSED SITE BOUNDARY LINE
- EXISTING BOUNDARY LINE
- REDUNDANT BOUNDARY LINE
- FUTURE SITE BOUNDARY
- PROPOSED KERB
- EXISTING KERB
- FUTURE DESIGN LAYOUT BY OTHERS
- PROPOSED BULK CONTOURS
- EXISTING CONTOURS

DEPTH OF CUT

- GREATER THAN -2.0m
- 2.0m TO -1.5m
- 1.5m TO -1.00m
- 1.00m TO -0.50m
- 0.50m TO 0.00m

DEPTH OF FILL

- 0.00m TO 0.50m
- 0.50m TO 1.00m
- 1.00m TO 1.50m
- 1.50m TO 2.00m
- 2.00m TO 2.50m
- GREATER THAN 2.50m

EXISTING UTILITY LINES:

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

TREE LEGEND:

- TREE TO BE REMOVED
- TREE TO BE RETAINED
- TREE TRUNK TO BE RETAINED
- STRUCTURAL ROOT ZONE (SRZ) OF TREE TO BE RETAINED
- NOTIONAL ROOT ZONE (NRZ) OF TREE TO BE RETAINED

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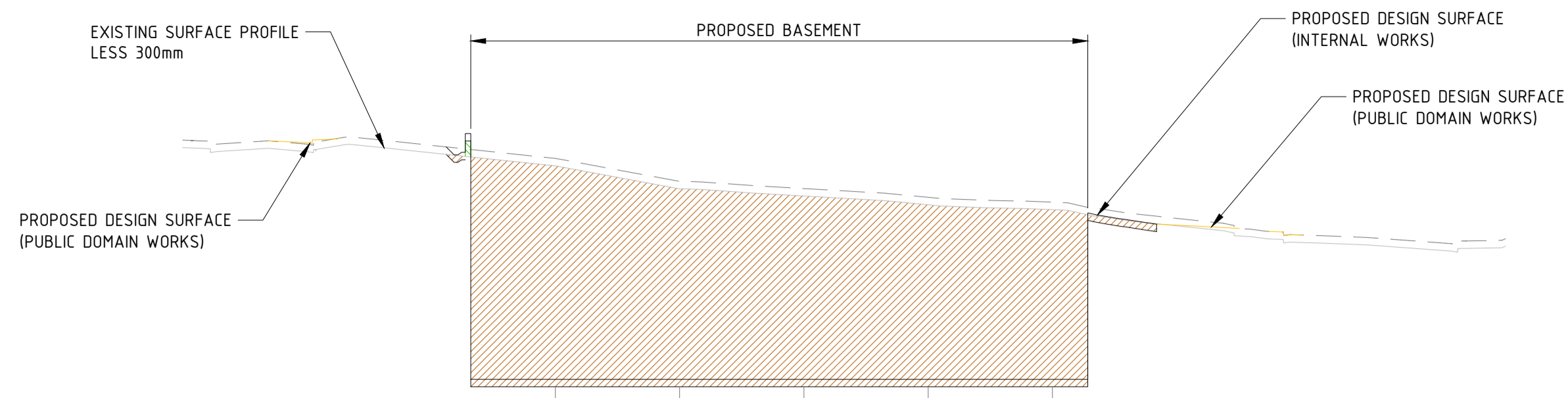
DRAWING
LEVEL DIFFERENCE PLAN



JOB No.
SY26000353

DRAWING No.
C13.01

REV.
2

Drawing: 20 Carrington Road, Castle Hill (Civil) Drawings (A Working) (02-INTERNAL WORKS) (SY26000353-C13.11)
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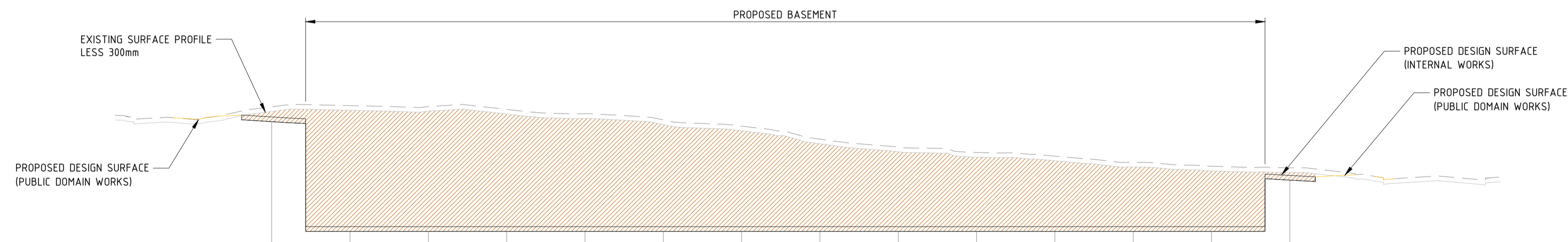


LEGEND	
	DENOTES CUT AREA
	DENOTES FILL AREA

DATUM RL 91.0

CHAINAGE	0	10	20	30	40	50	60	70	80	90	100	106.466
EXISTING SURFACE	105.537	105.372	105.325	104.799	103.878	103.584	103.231	103.034	102.383	101.713	101.442	101.561
SUBGRADE SURFACE				95.6	95.6	95.6	95.6	95.6				
DESIGN SURFACE				95.9	95.9	95.9	95.9	95.9				

SECTION 02
 SCALE 1:400 (H), 1:200 (V)
 C13.01



DATUM RL 91.0


CHAINAGE	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	176.856
EXISTING SURFACE	103.022	102.76	103.567	103.643	103.586	103.401	103.123	102.73	102.332	101.501	100.995	100.648	100.415	100.018	99.766	99.667	99.194	99.095	99.005
SUBGRADE SURFACE			102.618	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	98.881			
DESIGN SURFACE			102.918	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.181			


SECTION 01
 SCALE 1:400 (H), 1:200 (V)
 C13.01

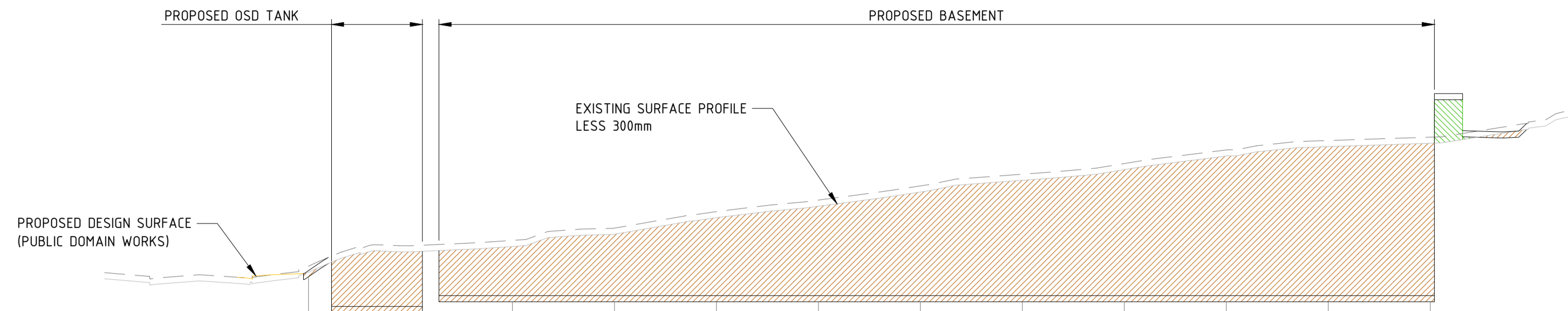
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LEGEND

 DENOTES CUT AREA

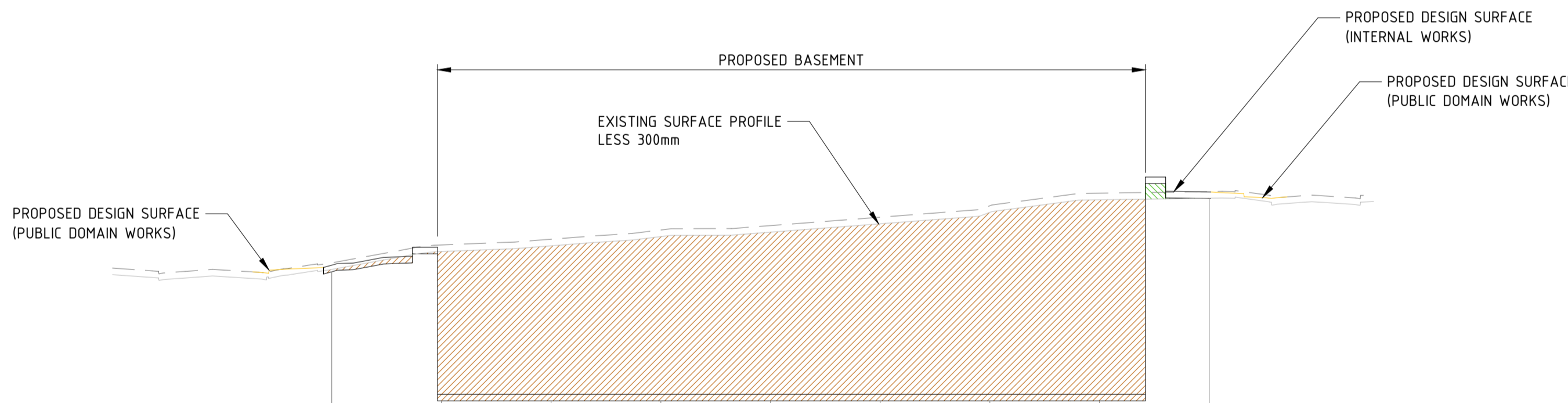
 DENOTES FILL AREA



DATUM RL 91.0

DESIGN SURFACE				97.129	95.372	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9		
SUBGRADE SURFACE			96.829	95.072	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6		
EXISTING SURFACE	97.026	96.903	97.346	98.345	98.609	99.207	100.018	100.581	101.277	101.851	102.373	103.038	103.501	103.666	104.431	105.15		
CHAINAGE	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	145		

SECTION 04
SCALE 1:400 (H), 1:200 (V)
C13.01



DATUM RL 91.0

DESIGN SURFACE				101.782	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	105.118				
SUBGRADE SURFACE			101.482	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	104.818				
EXISTING SURFACE	101.651	101.563	101.888	102.704	102.365	103.384	103.586	103.968	104.491	105.061	105.133	104.954	104.984				
CHAINAGE	0	10	20	30	40	50	60	70	80	90	100	110	115				

SECTION 03
SCALE 1:400 (H), 1:200 (V)
C13.01

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