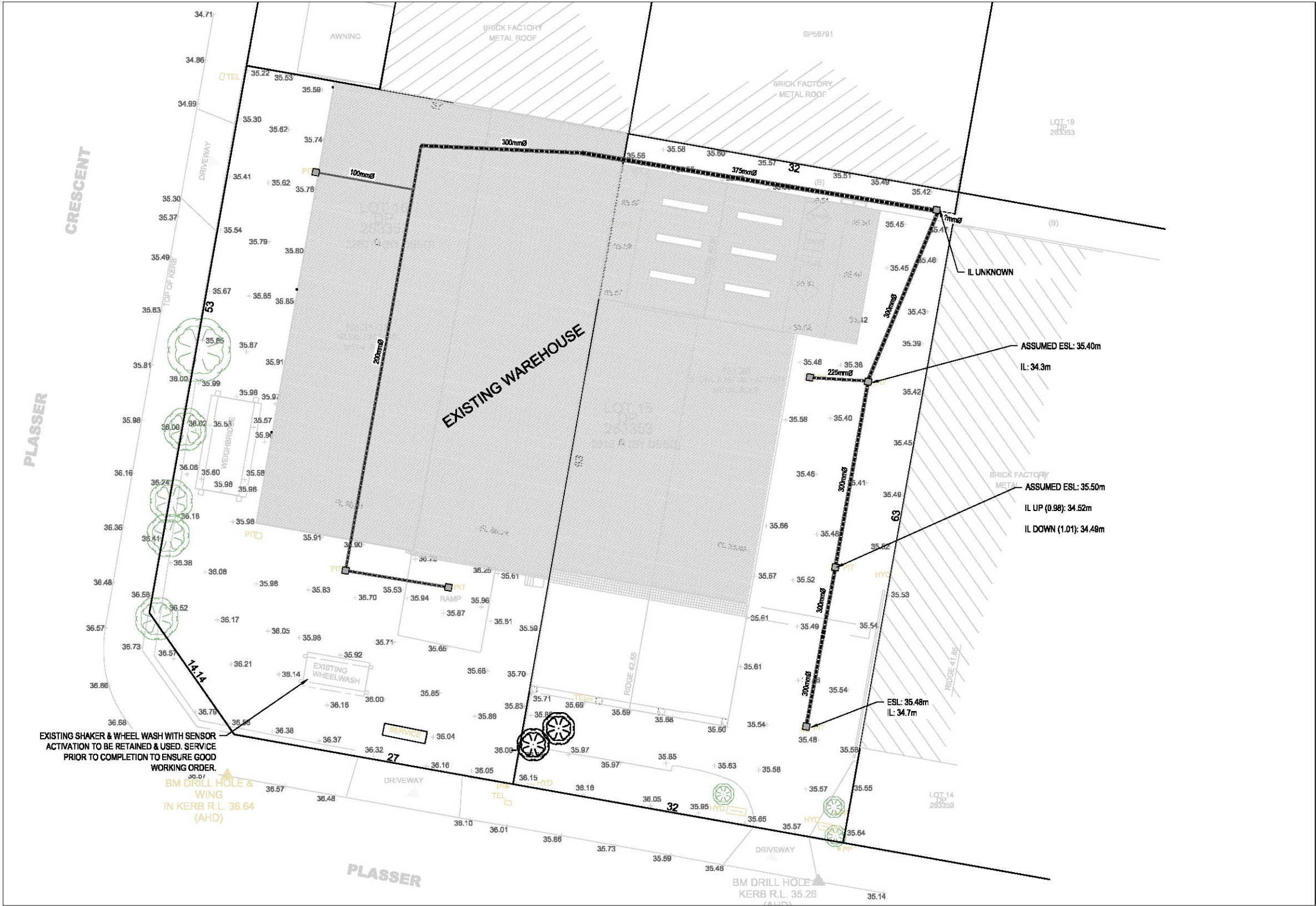


29 & 33-37 PLASSER CRESCENT, NORTH ST MARYS

PROPOSED EXPANSION OF RESOURCE RECOVERY FACILITY



LEGEND

- EXISTING STORMWATER PIPE
- EXISTING INLET PITS

NOTES:

- ACRONYMS:
ESL - EXISTING SURFACE LEVEL
IL - INVERT LEVEL

PLAN
SCALE 1:200

0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0
SCALE 1:200 (A1)
SCALE 1:400 (A3)



REV	DATE	DESCRIPTION	BY	CWD
2	30/07/2024	REVISED FOR DA - UPDATED ARCHITECTUALS	GA	ML
1	08/06/2024	DA	GA	ML



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PROJECT:
29 & 33-37 PLASSER CRESCENT, NORTH ST MARYS
PROPOSED EXPANSION OF RESOURCE RECOVERY FACILITY

DESIGNED:
G. ABDELAHAD

CHECKED:
M. LIEBMAN

DATE:
08/06/2024

DRAWN:
G. ABDELAHAD

SHEET:
C01

SIZE:
A1

SHEET No:
1 OF 3

DATUM:
AHD

CLIENT:
NASSIF CIVIL

JOB REF No:
321

SHEET DESCRIPTION:
EXISTING SITE PLAN

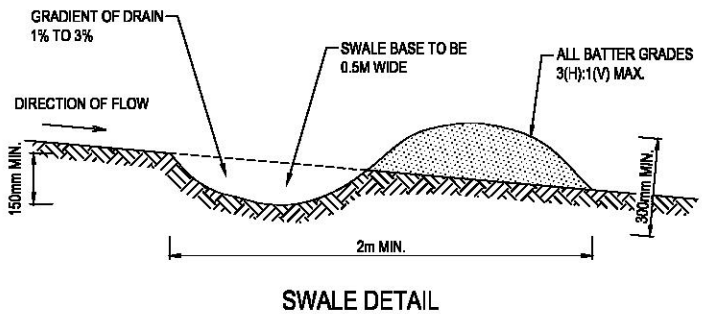
COORD. ORIGIN:
MGA ZONE 56





LEGEND

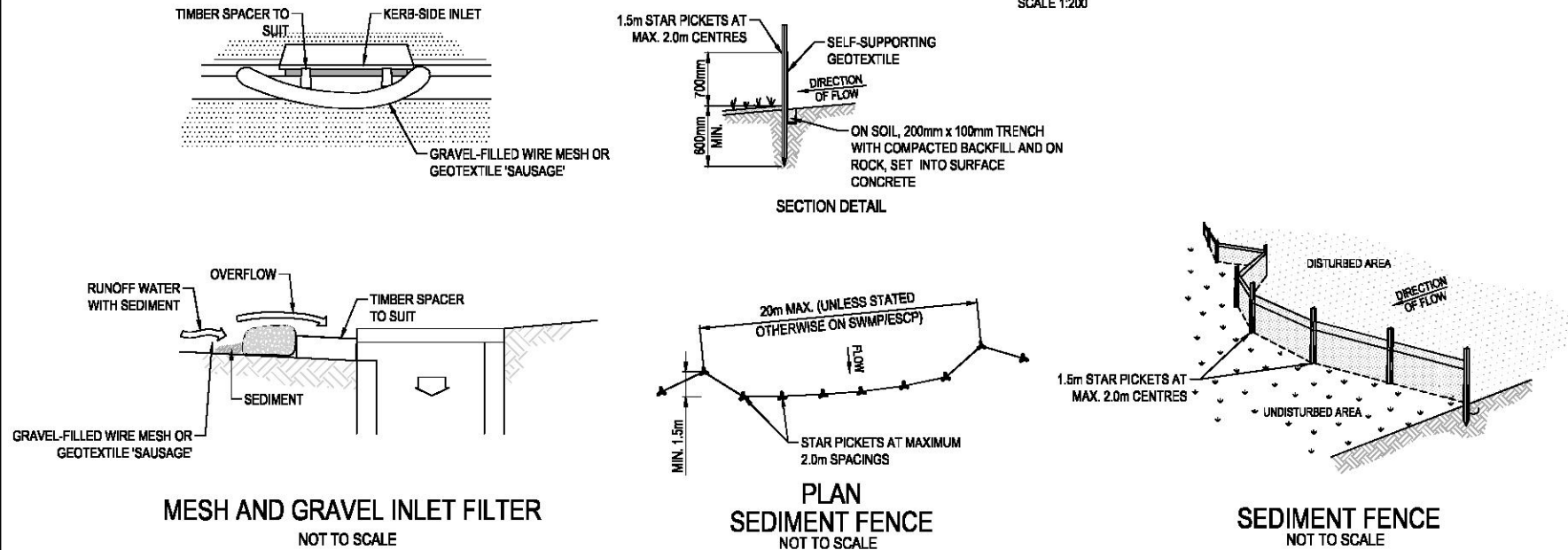
- + — SEDIMENT FENCE
- ⌋ WIRE MESH AND GRAVEL SEDIMENT FILTER
- INTERCEPTION SWALE TO DIVERT FLOWS AWAY FROM HOUSE



NOTES:

- BUILD WITH GRADIENTS BETWEEN 1% AND 3%.
- AVOID REMOVING TREES AND SHRUBS IF POSSIBLE - WORK AROUND THEM.
- ENSURE THE STRUCTURES ARE FREE OF PROJECTIONS OR OTHER IRREGULARITIES THAT COULD IMPEDE WATER FLOW.
- BUILD THE DRAINS WITH TRAPEZOIDAL CROSS SECTIONS, NOT V SHAPED.
- ENSURE THE BANKS ARE PROPERLY COMPACTED TO PREVENT FAILURE.
- STABILISE WITH TURF AND TURF REINFORCING MATT WITHIN 10 DAYS OF CONSTRUCTION.

SOIL & EROSION SEDIMENT PLAN SCALE 1:200

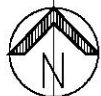
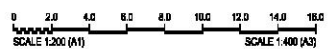


NOTES:

- 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 50L/s IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
- CUT A 200mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
- DRIVE 1.5m LONG STAR PICKETS INTO GROUND AT 2.0m 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.

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 IN PLACE FOR MORE THAN 10 DAYS, STABILISE 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.



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PROJECT: 29 & 33-37 PLASSER CRESCENT, NORTH ST MARYS PROPOSED EXPANSION OF RESOURCE RECOVERY FACILITY		DESIGNED: G. ABDELAHAD	CHECKED: M. LIEBMAN	DATE: 08/06/2024
DRAWN: G. ABDELAHAD		SHEET: C03	SIZE: A1	
CLIENT: NASSIF CIVIL		JOB REF NO: 321	SHEET DESCRIPTION: SOIL & EROSION SEDIMENT PLAN	DATUM: AHD
		COORD. ORIGIN:	MGA ZONE 56	

