

CONCEPT ENGINEERING PLANS FOR HUNGRY JACK'S LOT 100 DP1311787 HORATIO STREET, MUDGEEE

GENERAL NOTES:-

ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE APPROVED PLANS, SUBJECT TO MID-WESTERN REGIONAL COUNCIL'S "MANUAL OF ENGINEERING STANDARDS".

SURVEY:-
ALL LEVELS SHALL BE OBTAINED FROM ESTABLISHED BENCHMARKS TO AUSTRALIAN HEIGHT DATUM (AHD).

TRAFFIC:-
TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE TNSW DOCUMENT "TRAFFIC CONTROL AT WORKSITES".

TREES:-
ALL TREES WITHIN THE ALLOTMENTS AND RESERVES (OTHER THAN ROAD RESERVES) SHALL BE RETAINED, UNLESS OTHERWISE NOMINATED BY AN APPROVED LANDSCAPE PLAN.
REMOVAL OF TREES FOR THE ESTABLISHMENT OF FIREBREAKS SHALL BE CARRIED OUT IN CONSULTATION WITH THE FIRE CONTROL OFFICER AND/OR COUNCIL'S ENVIRONMENTAL OFFICER.

UTILITIES:-
POINTS OF CONFLICT BETWEEN NEW CONSTRUCTION AND EXISTING UTILITY SERVICE MAINS SHALL BE IDENTIFIED, EXPOSED AND REPORTED TO THE PROJECT MANAGER PRIOR TO CONSTRUCTION.
SERVICE CONDUITS SHALL BE LAID IN POSITIONS AS APPROVED BY THE RELEVANT AUTHORITY.

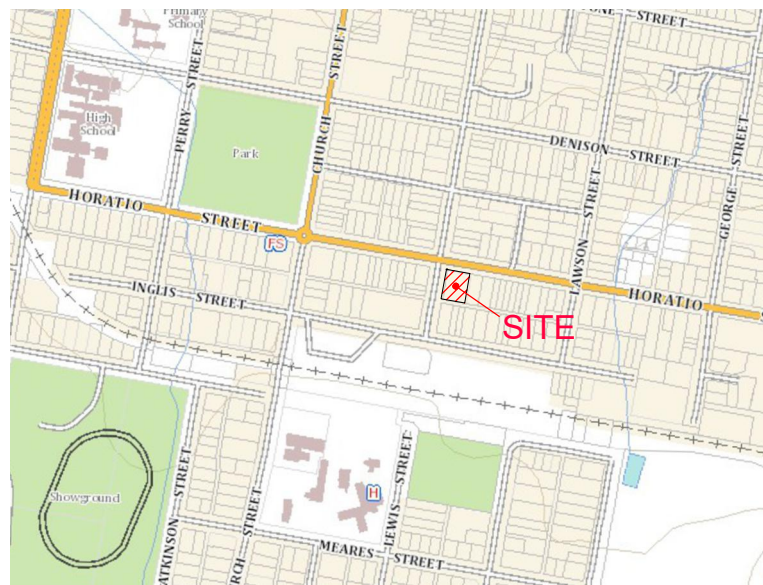
ADJOINING ACCESS:-
PROVISION SHALL BE MADE FOR SUITABLE PROTECTION OF THE EXISTING ROAD PAVEMENT, KERB AND GUTTER AND FOOTPATH FORMATION. VEHICULAR ACCESS AND ALL SERVICES TO ADJOINING PROPERTIES AFFECTED BY CONSTRUCTION WORKS, SHALL BE MAINTAINED AT ALL TIMES.

SOIL/GRASS:-
TOPSOIL, MIN. 150mm THICK SHALL BE APPLIED TO ALL FOOTPATHS AND FILLED AREAS. WHERE TURF IS NOT REQUESTED, ALL EXPOSED TOPSOIL SHALL BE SEEDED IMMEDIATELY UPON COMPLETION OF THE SOIL SPREADING OPERATION. AT MINIMUM, A TURF STRIP SHALL BE PLACED ALONG EACH SIDE OF CONCRETE PATHWAYS, DRAINAGE STRUCTURES, DRIVEWAYS, PEDESTRIAN/CYCLEWAYS AND AT REAR OF ALL KERBS.

EROSION CONTROL:-
ALL SILT CONTROL MEASURES SHALL BE PLACED PRIOR TO COMMENCEMENT OF EARTHWORKS. SUCH MEASURES SHALL BE SUBJECT TO FURTHER ADDITIONS OR ALTERATIONS, WHERE CONSIDERED NECESSARY, AS DIRECTED BY THE PROJECT MANAGER OR COUNCIL, DURING THE PROGRESSION OF WORKS. ALL FINAL EROSION PREVENTION MEASURES INCLUDING ESTABLISHMENT OF GRASS SHALL BE COMPLETED PRIOR TO THE "FINAL" INSPECTION.

SUBSOIL DRAINAGE:-
SUBSOIL DRAINS SHALL BE PROVIDED AS SHOWN ON THE PLANS. ADDITIONAL DRAINS SHALL BE PROVIDED WHERE CONSIDERED NECESSARY, BY COUNCIL OR A GEOTECHNICAL ENGINEER.

MATERIALS & TESTING:-
ALL MATERIALS AND PRODUCTS FOR INSTALLATION AND CONSTRUCTION SHALL COMPLY WITH AUSTRALIAN STANDARDS. MONITORING TESTING ("STRING/HITCHLINE" AND "ROLL") WHERE SPECIFIED BY COUNCIL'S MANUAL OF ENGINEERING STANDARDS, TO BE PERFORMED BY COUNCIL, SHALL BE ARRANGED 24 HOURS IN ADVANCE. WHERE A COUNCIL OFFICER IS NOT AVAILABLE, A GEOTECHNICAL ENGINEER MAY PERFORM SUCH TESTS.



LOCALITY SKETCH

NOT TO SCALE

INDEX OF DRAWINGS

Sheet Title	Sheet Description
240805-CENG-001(A)	TITLE SHEET, DRAWING INDEX, GENERAL NOTES & LOCALITY PLAN
240805-CENG-002(A)	OVERALL SITE PLAN
240805-CENG-101(A)	DETAIL PLAN
240805-CENG-201(A)	TYPICAL DETAILS AND STORMWATER MANAGEMENT SUMMARY
240805-CENG-501(A)	SITE REGRADE PLAN & SECTIONS
240805-CENG-511(A)	SITE SECTIONS - SHEET 1
240805-CENG-512(A)	SITE SECTIONS - SHEET 2
240805-CENG-801(A)	EROSION & SEDIMENT CONTROL PLAN
240805-CENG-802(A)	EROSION & SEDIMENT CONTROL DETAILS

100mm AT FULL SIZE
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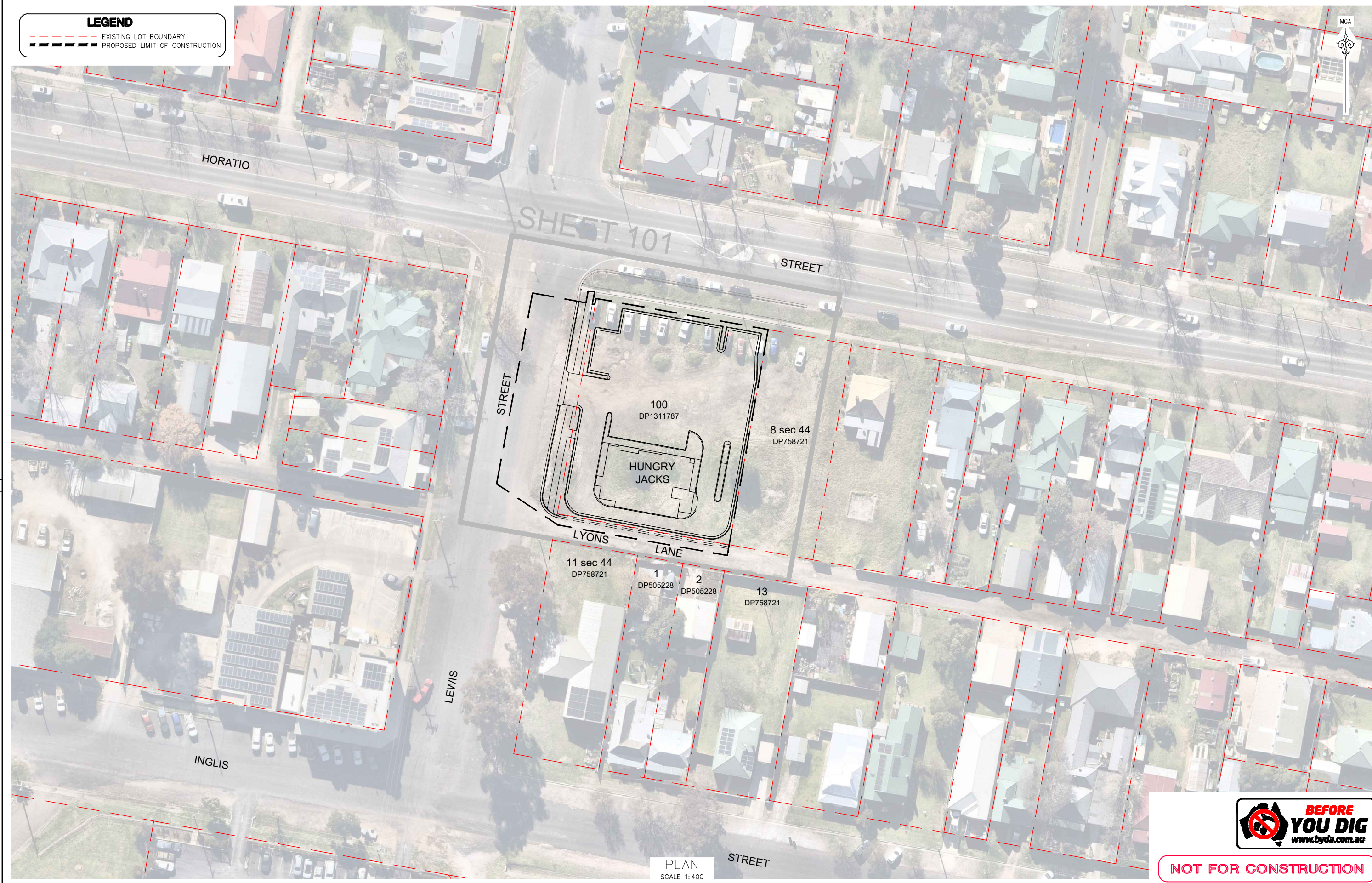


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REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES	CLIENT		PROPERTY DESCRIPTION		PROJECT									
A	11.03.2025	INITIAL ISSUE	A.M.	J.G.	K.M.	G.J.		 Hunter Office Unit 7/335 Hillsborough Rd Warners Bay N.S.W. 2282 Phone: (02) 4978 5100 Fax: (02) 4978 5199 email: hunter@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398		 HAYES CONSTRUCTION		CONCEPT ENGINEERING PLANS FOR HUNGRY JACK'S LOT 100 DP1311787 HORATIO STREET, MUDGEEE		HUNGRY JACK'S MUDGEEE TITLE SHEET, DRAWING INDEX, GENERAL NOTES & LOCALITY PLAN							
DESIGN FILE N:\JOBNUMBER\Design\12D\								ALL DIMENSIONS ARE IN METRES U.N.O. DO NOT SCALE		SURVEYED ADW Johnson		DATUM GDA2020 M.G.A. ZONE 55 A.H.D.		PROJECT No. 240805		DISCIPLINE CENG		NUMBER 001		REV. A	

LEGEND
 - - - - - EXISTING LOT BOUNDARY
 - - - - - PROPOSED LIMIT OF CONSTRUCTION

MGA



PLAN
SCALE 1:400



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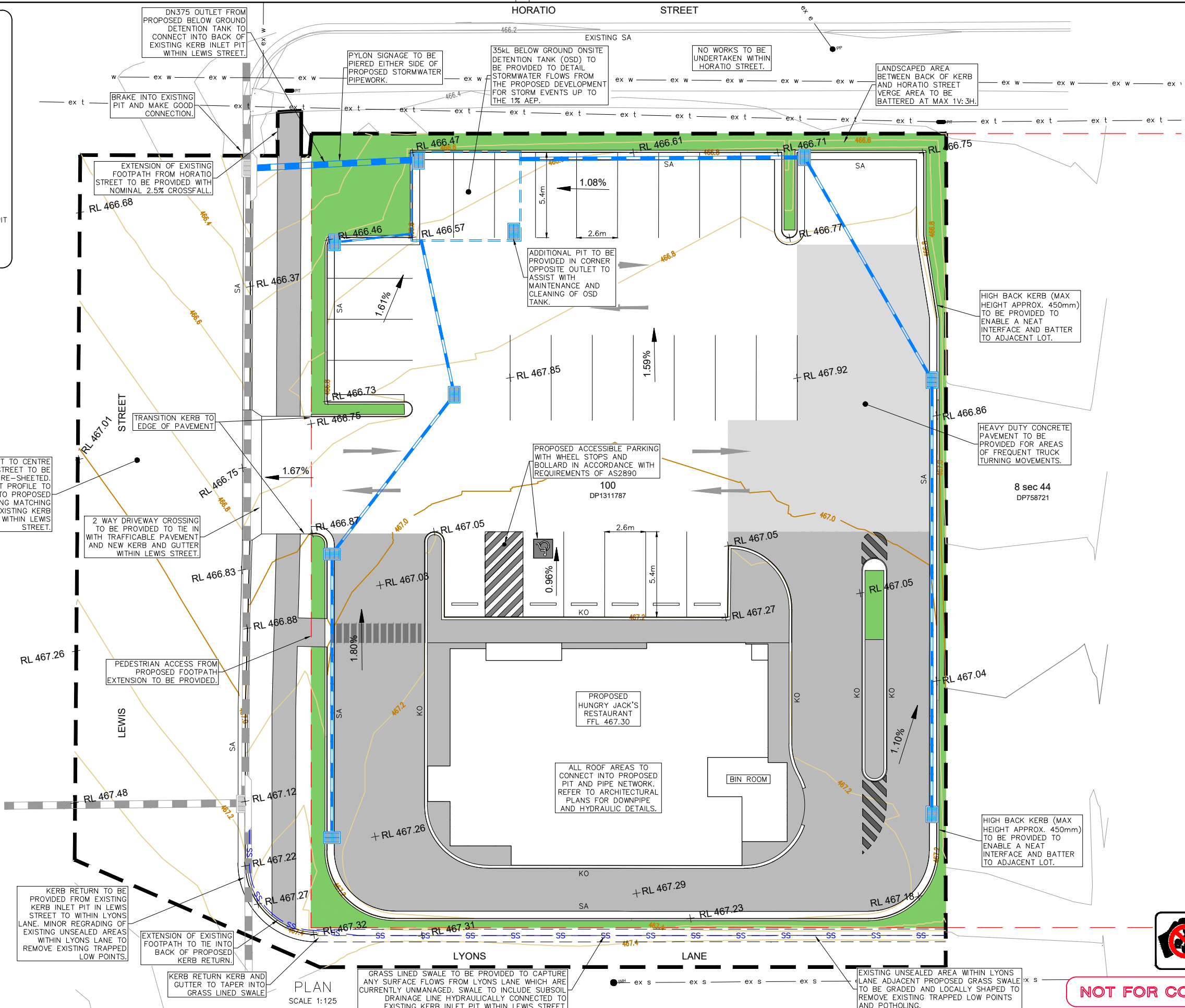
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<p>DISCIPLINE</p> <p>CENG</p>		<p>NUMBER</p> <p>002</p>		<p>REV.</p> <p>A</p>		<p>DISCIPLINE</p> <p>CENG</p>		<p>NUMBER</p> <p>002</p>		<p>REV.</p> <p>A</p>																	

ALL DIMENSIONS ARE IN METRES U.N.O. DO NOT SCALE

LEGEND

- EXISTING LOT BOUNDARY
- - - LIMIT OF CONSTRUCTION
- PROPOSED KERB
- EXISTING KERB
- DESIGN SURFACE CONTOURS
- EXISTING STORMWATER
- PROPOSED STORMWATER
- SS PROPOSED SUBSOIL DRAINAGE LINE
- ex t EXISTING TELSTRA
- ex w EXISTING WATER
- ex e EXISTING ELECTRICITY
- PROPOSED CONCRETE PAVEMENT
- PROPOSED HEAVY DUTY CONCRETE PAVEMENT
- PROPOSED LANDSCAPED AREA
- KO PROPOSED KERB ONLY
- SA PROPOSED STANDARD KERB
- PROPOSED GRATED SURFACE INLET PIT
- PROPOSED 35kL UNDERGROUND OSD TANK
- EXISTING KERB INLET PIT

CONTOUR INTERVAL = 0.5m



NOTES:

1. ALL EXISTING UNDERGROUND SERVICES MUST BE LOCATED & EXPOSED PRIOR TO EARTHWORKS COMMENCING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM BOTH POSITION & LEVEL OF THESE UTILITIES.
 2. PULL STORMWATER PIPES TO MAXIMUM ALLOWABLE DEFLECTIONS (SEE MANUFACTURERS SPEC.) TO ENSURE CONTINUATION BENEATH KERB LINE WHERE APPLICABLE. PROVIDE LONG SOCKETS WHERE REQUIRED.
 3. REFER SHEET 501 FOR SITE REGRADE DETAILS.
- SURVEY BY BARNSON PTY LTD
ORIGIN OF LEVELS
S.S.M.66679
AHD: 465.824 A.H.D.

KERB RETURN TO BE PROVIDED FROM EXISTING KERB INLET PIT IN LEWIS STREET TO WITHIN LYONS LANE. MINOR REGRADING OF EXISTING UNSEALED AREAS WITHIN LYONS LANE TO REMOVE EXISTING TRAPPED LOW POINTS.

EXTENSION OF EXISTING FOOTPATH TO TIE INTO BACK OF PROPOSED KERB RETURN.

KERB RETURN KERB AND GUTTER TO TAPER INTO GRASS LINED SWALE.

PLAN SCALE 1:125

GRASS LINED SWALE TO BE PROVIDED TO CAPTURE ANY SURFACE FLOWS FROM LYONS LANE WHICH ARE CURRENTLY UNMANAGED. SWALE TO INCLUDE SUBSOIL DRAINAGE LINE HYDRAULICALLY CONNECTED TO EXISTING KERB INLET PIT WITHIN LEWIS STREET.

EXISTING UNSEALED AREA WITHIN LYONS LANE ADJACENT PROPOSED GRASS SWALE TO BE GRADED AND LOCALLY SHAPED TO REMOVE EXISTING TRAPPED LOW POINTS AND POTHOLING.



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DESIGN FILE N:\JOBNUMBER\Design\120\			ALL DIMENSIONS ARE IN METRES U.N.O. DO NOT SCALE							PLAN TITLE DETAIL PLAN			
							SURVEYED ADW Johnson		DATUM GDA2020 M.G.A. ZONE 55 A.H.D.	PROJECT No. 240805	DISCIPLINE - CENG -	NUMBER 101	REV. A

100mm AT FULL SIZE. This plan includes coloured information. If you have a black and white copy you do not have all of the information. This note is coloured RED.

CIVIL DESIGN, STORMWATER MANAGEMENT AND MODELLING SUMMARY

THE SUBJECT SITE (LOT 100 DP1311787) IS LOCATED ON THE SOUTH-WESTERN CORNER OF LEWIS STREET AND HORATIO STREET, MUDGEE. THE SITE DOES NOT CURRENTLY HAVE ANY STORMWATER CONTROLS AND THE EXISTING FRONTAGES ALONG LEWIS STREET AND LYONS LANE HAVE ISSUES WITH TRAPPED LOW POINTS AND SATURATED GROUND AREAS.

THE PROPOSED DEVELOPMENT INCLUDES HALF ROAD CONSTRUCTION ALONG THE WESTERN SIDE OF LEWIS STREET INCLUDING KERB AND GUTTERING. THIS KERB AND GUTTERING IS TO COLLECT SURFACE RUNOFF FROM LEWIS STREET AND DIRECT FLOWS TO THE TWO EXISTING KERB INLET PITS IN LEWIS STREET. LYONS LANE ALSO HAS EXISTING TRAPPED LOW POINTS AND AREAS OF SURFACE PONDING. THE PROPOSED DEVELOPMENT ALSO INCLUDES SOME MINOR REGRADING WITHIN LYONS LANE AND THE CONSTRUCTION OF A GRASS LINED SWALE INCLUDING SUBSOIL DRAINAGE. WHERE EXISTING TOPOGRAPHY ALLOWS, THIS GRASS LINED SWALE WILL DIRECT SURFACE FLOWS TO THE KERB INLET PIT WITHIN LEWIS STREET. THE SUBSOIL DRAINAGE LINE WILL FURTHER ASSIST WITH EXISTING GROUND SATURATION ISSUES AND DIRECT FLOWS TO THE KERB INLET PIT WITHIN LEWIS STREET.

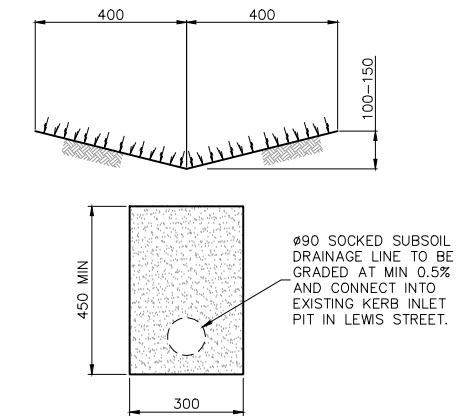
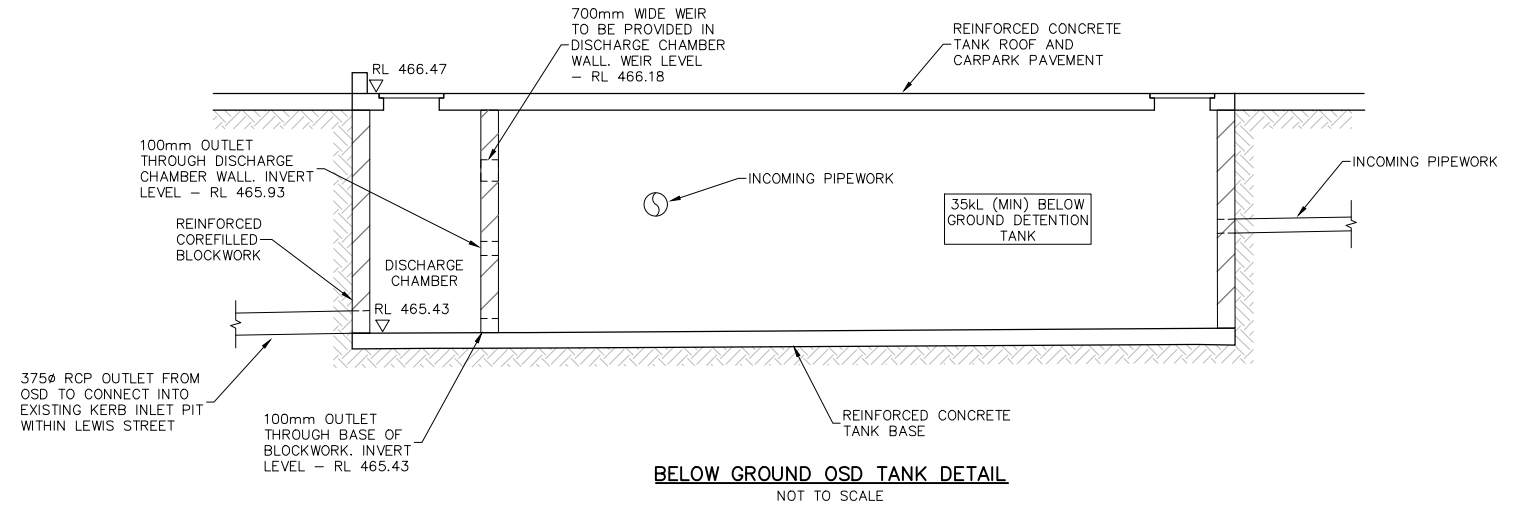
STORMWATER FLOWS FROM WITHIN THE SITE ARE TO BE CAPTURED VIA A PIT AND PIPE NETWORK AND DIRECT ALL FLOWS TO A 35kL BELOW GROUND DETENTION TANK.

PRE-DEVELOPED AND POST DEVELOPMENT FLOWS, INCLUDING THE DETENTION TANK HAVE BEEN MODELLED IN THE DRAINS SOFTWARE PACKAGE WITH RESULTS FOR STORM EVENTS UP TO THE 1% AEP. A SUMMARY OF THESE MODELLED RESULTS CAN BE SEEN BELOW.

STORM (AEP)	PRE (L/s)	POST (L/s)
63.2%	13	11
20%	27	23
10%	36	29
5%	50	37
1%	75	73

THE OUTLET FROM THE DETENTION TANK ARE TO CONNECT INTO THE EXISTING KERB INLET PIT WITHIN LEWIS STREET. FLOWS ARE TO BE MANAGED BY A SERIES OF STAGED DISCHARGE CONTROLS, NOTABLY A LOW FLOW 100mm OUTLET, A MID FLOW 100mm OUTLET AND A HIGH FLOW 700mm WIDE WEIR.

IT IS ALSO NOTED THAT LEVELS ACROSS THE SITE HAVE GENERALLY BEEN GOVERNED BY MINIMUM FLOOR LEVELS FOR THE RESTAURANT BEING DICTATED BY PMF FLOODING. MID-WESTERN REGIONAL COUNCIL HAVE ADVISED THE MAPPED PMF LEVEL FOR THE SITE OF APPROXIMATELY RL467.00m. AS SUCH, A MINIMUM RESTAURANT FLOOR LEVEL OF RL467.30m HAS BEEN ADOPTED.

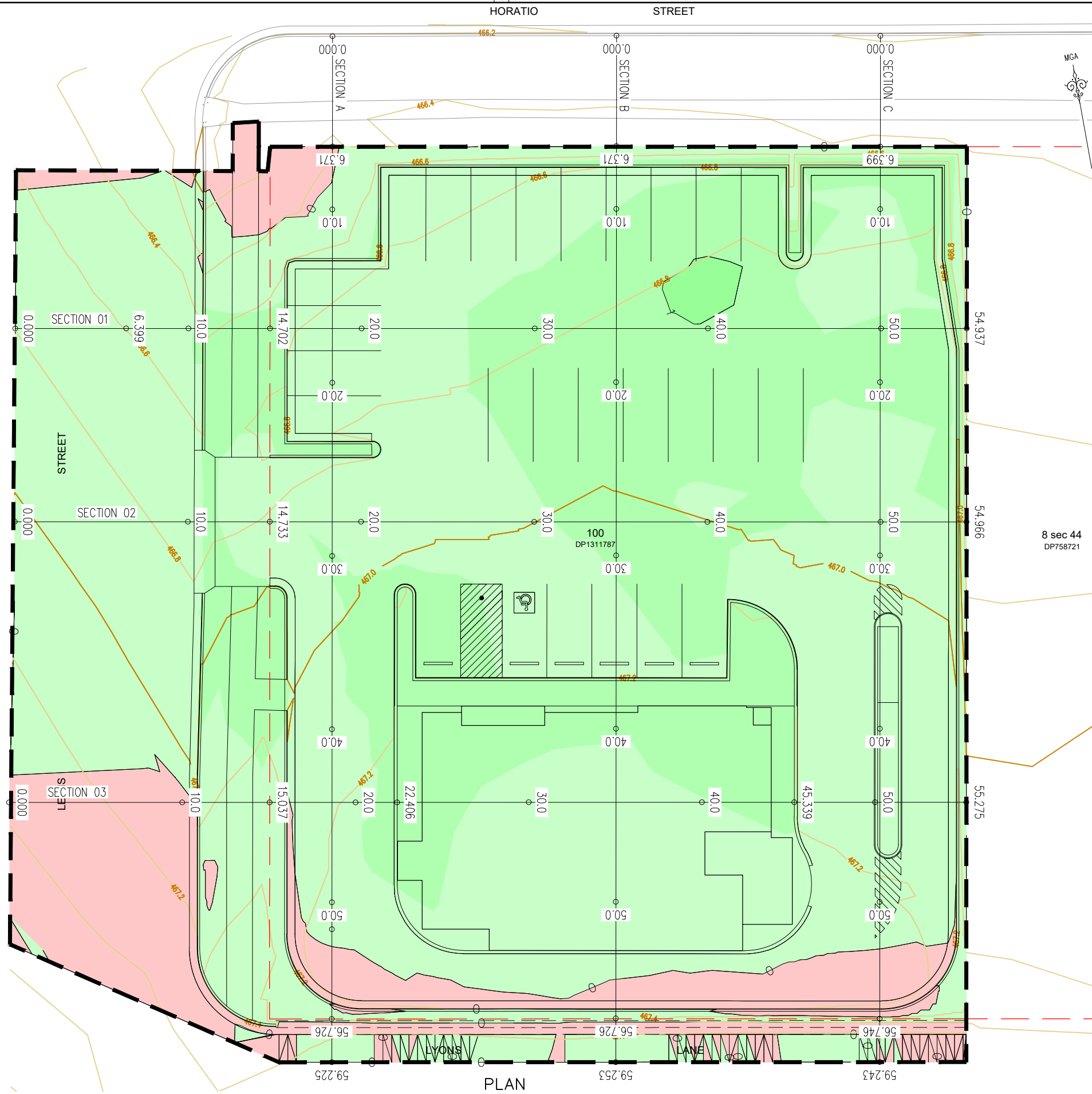


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HUNGRY JACK'S MUDGEE TYPICAL DETAILS AND STORMWATER MANAGEMENT SUMMARY																	
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LEGEND (+ FILL - CUT)		
Lower_value	Upper_value	Colour
-9999	to -4	m
-4	to -3.5	m
-3.5	to -3	m
-3	to -2.5	m
-2.5	to -2	m
-2	to -1.75	m
-1.75	to -1.5	m
-1.5	to -1.25	m
-1.25	to -1	m
-1	to -0.75	m
-0.75	to -0.5	m
-0.5	to -0.25	m
-0.25	to 0	m
0	to 0.250	m
0.250	to 0.5	m
0.500	to 0.75	m
0.75	to 1	m
1	to 1.25	m
1.25	to 1.5	m
1.5	to 1.75	m
1.75	to 2	m
2	to 2.5	m
2.5	to 3	m
3	to 3.5	m
3.5	to 4	m
4	to 9999	m



- LOT FILL REMEDIATION**
1. REGRADE AREA TO BE STRIPPED TO STOCKPILE FOR REUSE.
 2. FILL REGRADE AREAS WITH SITE WON FILL (INCLUDING STOCKPILE) IN ACCORDANCE WITH GEOTECH REPORT. EARTHWORKS TO BE UNDERTAKEN UNDER LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798-2007. NO FILL TO BE PLACED WITHOUT PRIOR APPROVAL FROM GEOTECHNICAL ENGINEER.
 3. PLACE MINIMUM 150mm, MAXIMUM 300mm THICK TOPSOIL TO REGRADE AREAS.
 4. ALL DISTURBED AREAS, EXCLUDING FUTURE ROAD CORRIDORS, TO BE SEEDED WITH NATIVE SEED MIX.
 5. CUT/FILL DEPTHS REPRESENT THE DIFFERENCE BETWEEN NATURAL SURFACE, BASED ON DETAILED SURVEY BY BARNSON PTY LTD, AND PROPOSED FINISHED SURFACE. NO ALLOWANCE HAS BEEN MADE FOR TOPSOIL STRIP OR BOXING.

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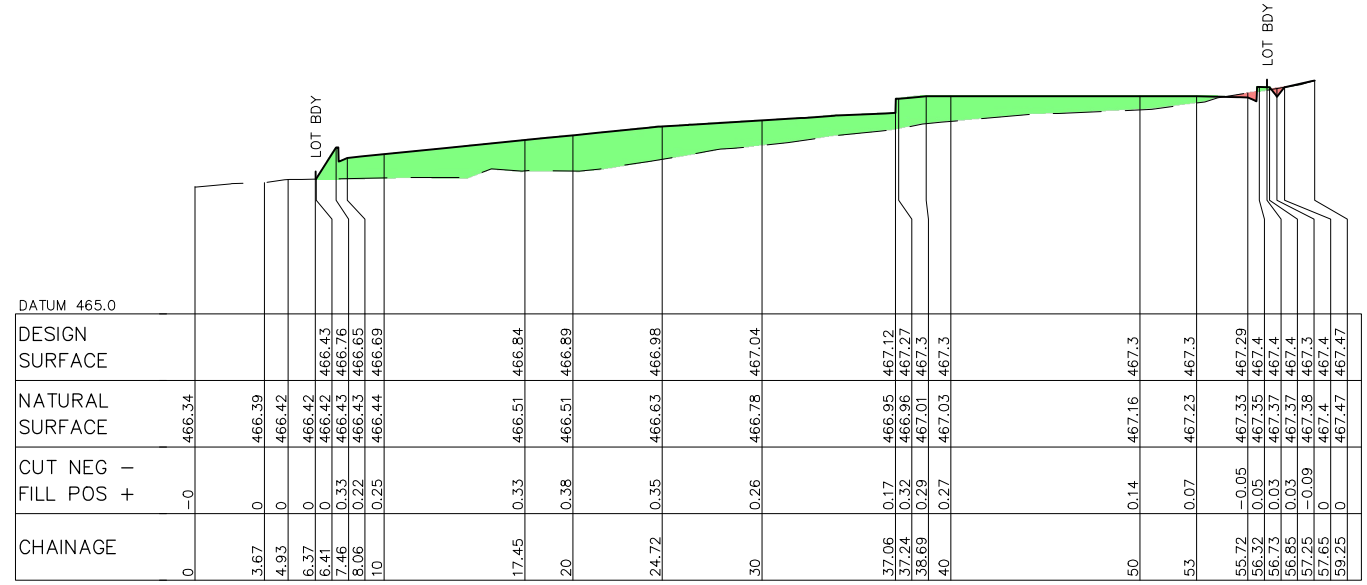
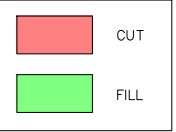


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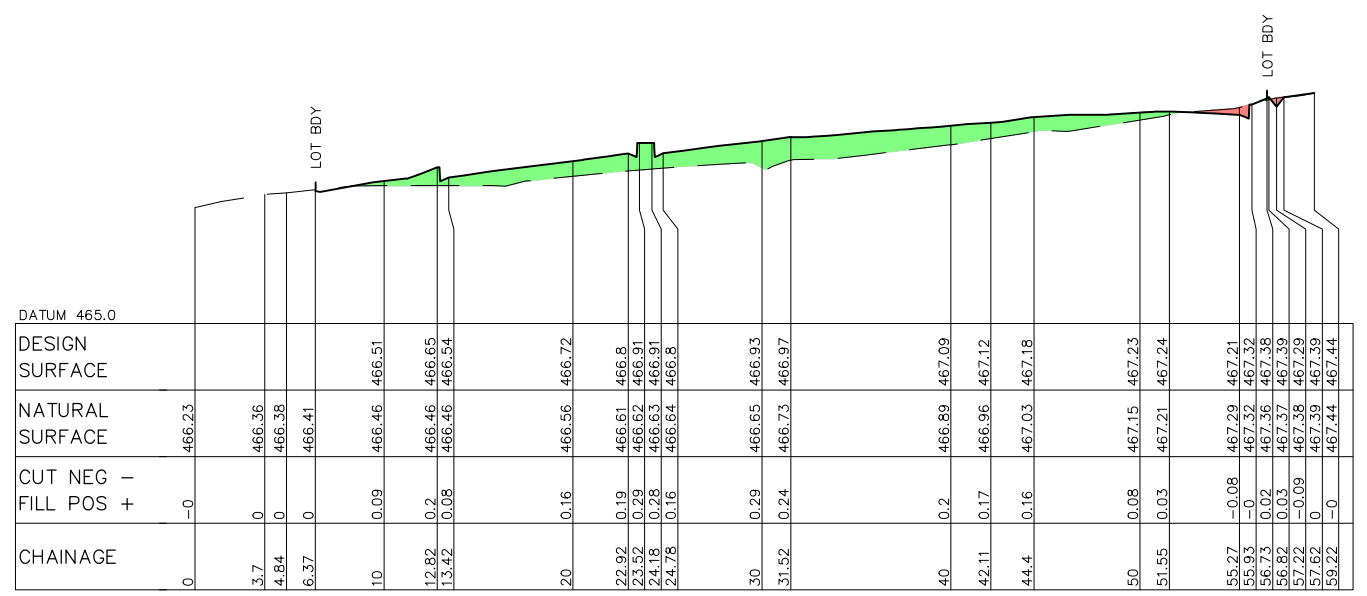
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GENERAL NOTES

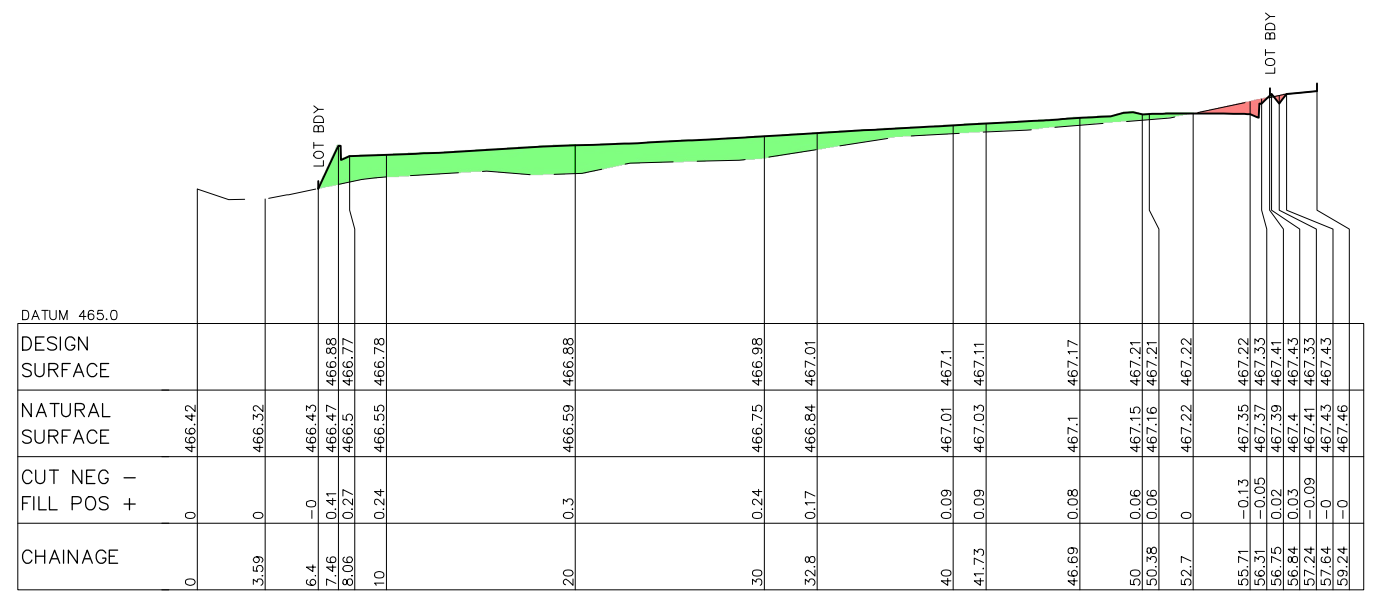
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SITE SECTION B
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:40



SITE SECTION A
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:40



SITE SECTION C
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:40

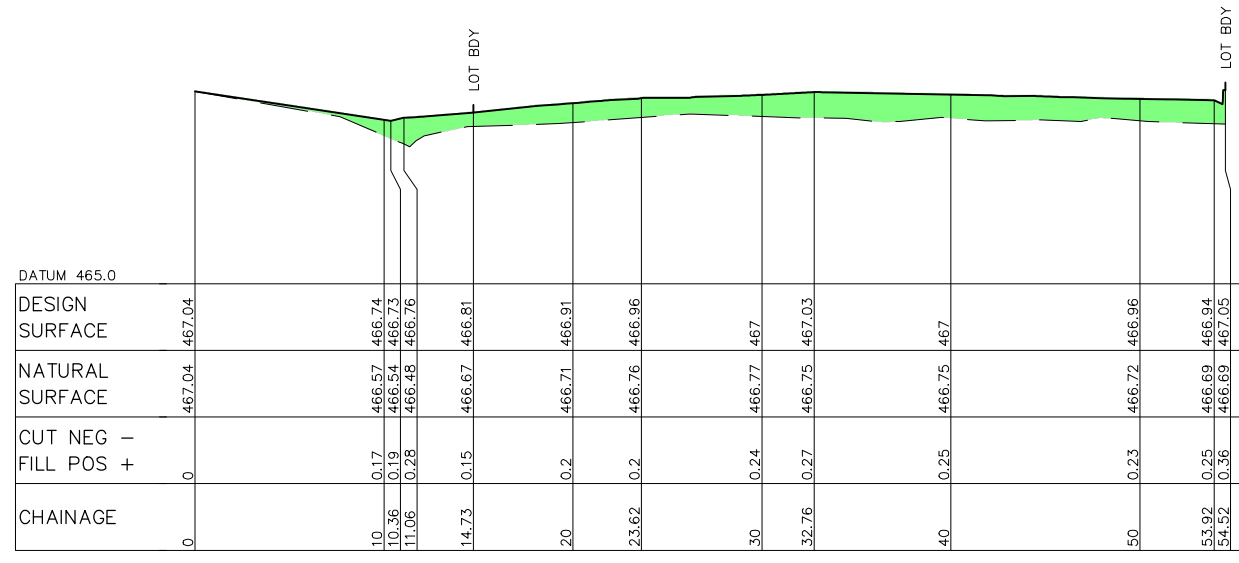
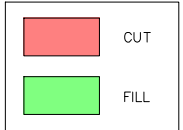
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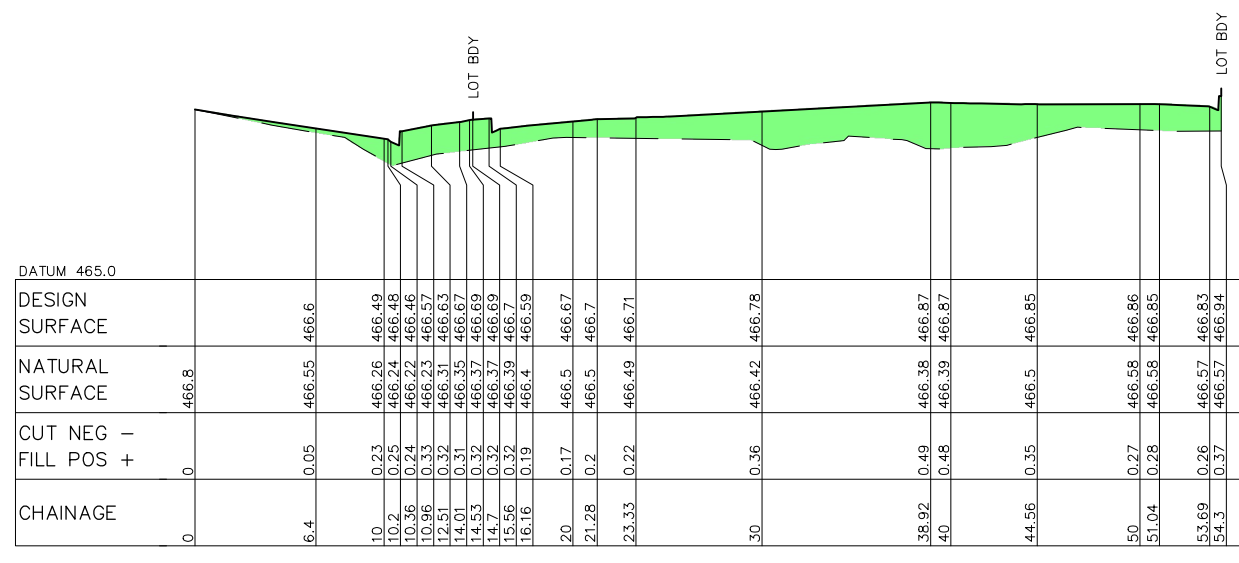
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GENERAL NOTES

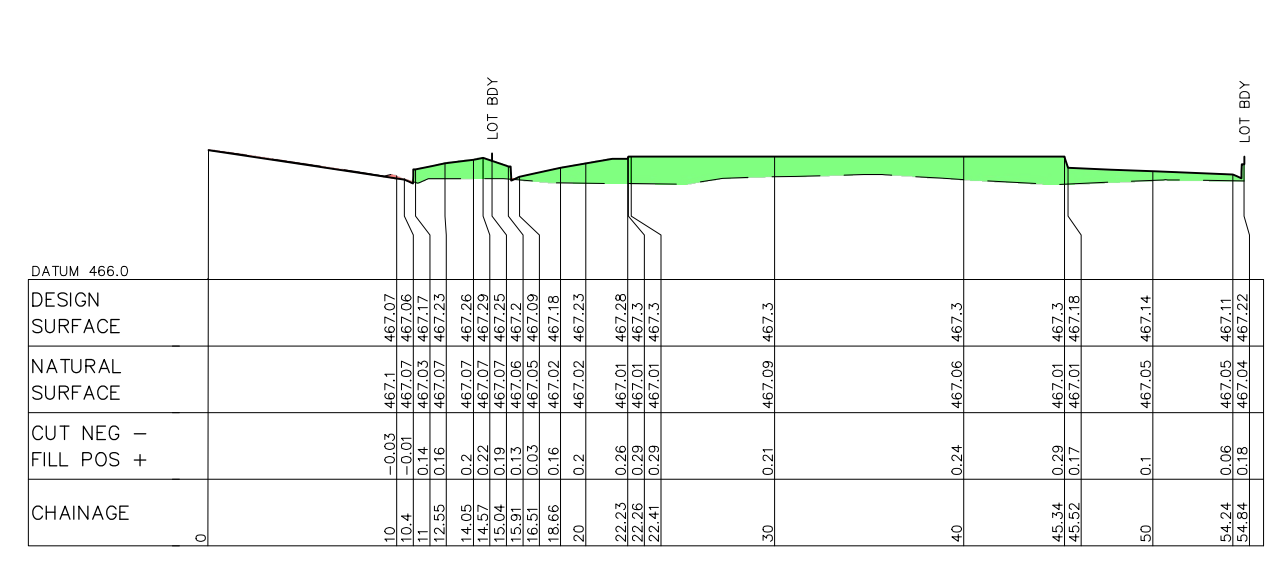
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SITE SECTION 02
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:40



SITE SECTION 01
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:40



SITE SECTION 03
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:40

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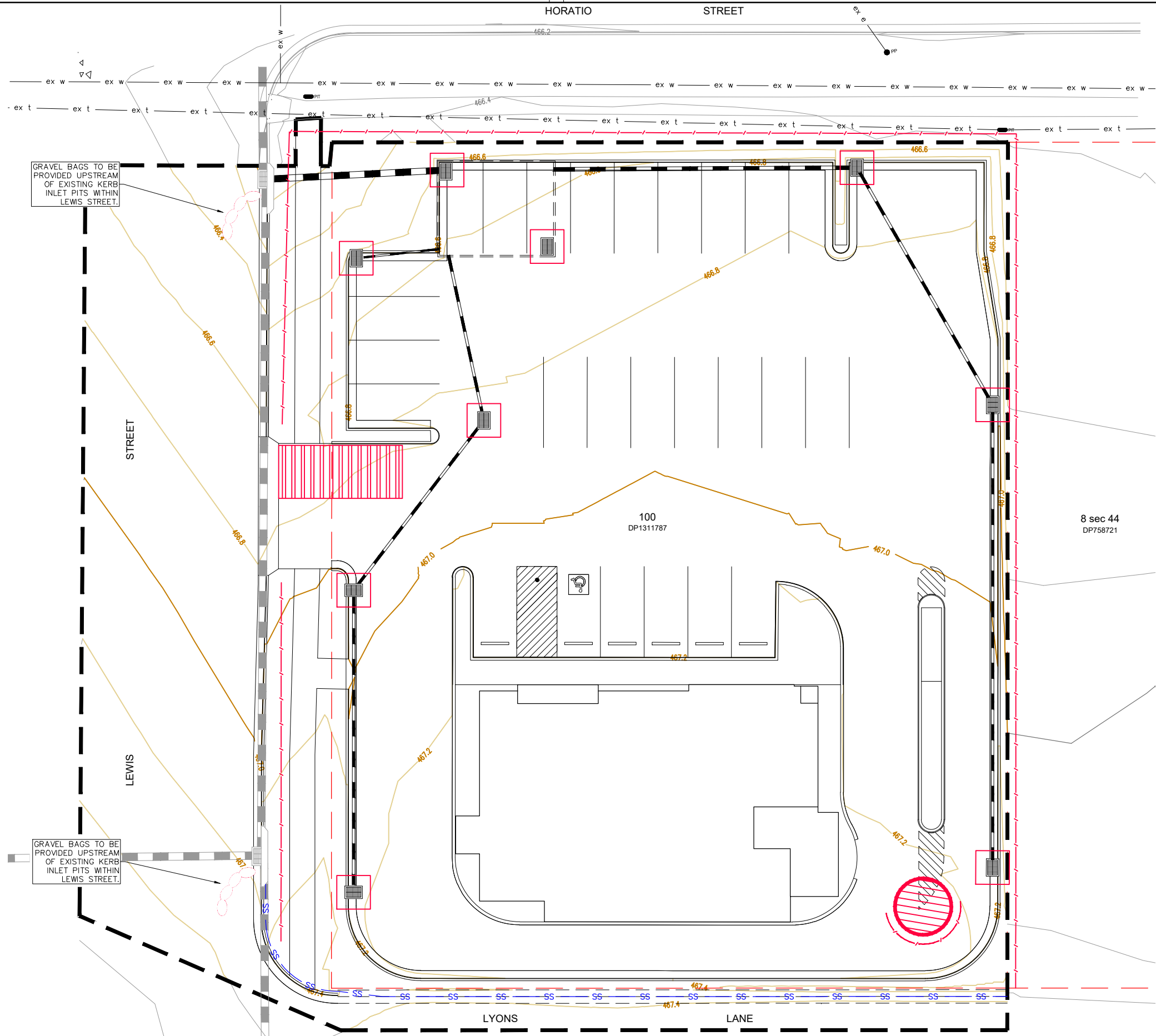
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LEGEND

- EXISTING LOT BOUNDARY
- LIMIT OF CONSTRUCTION
- PROPOSED KERB
- EXISTING KERB
- DESIGN SURFACE CONTOURS
- EXTENT OF BATTER
- EXISTING STORMWATER
- PROPOSED STORMWATER
- SILT FENCE
- CONSTRUCTION ACCESS
- GEOTEXTILE INLET FILTER
- GRAVEL BAGS
- PROPOSED STOCKPILE LOCATION

CONTOUR INTERVAL = 0.5m

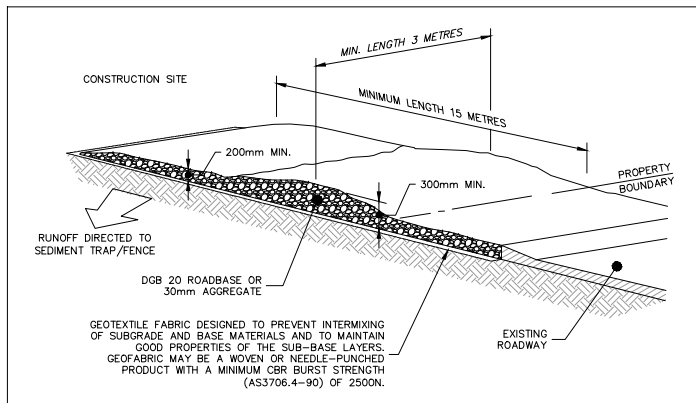


NOT FOR CONSTRUCTION

PLAN
SCALE 1:125

<table border="1"> <thead> <tr> <th>REV.</th> <th>DATE</th> <th>AMENDMENT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>11.03.2025</td> <td>INITIAL ISSUE</td> </tr> </tbody> </table>		REV.	DATE	AMENDMENT	A	11.03.2025	INITIAL ISSUE	<table border="1"> <thead> <tr> <th>DRAWN</th> <th>CHECK</th> <th>DESIGN</th> <th>VERIFY</th> </tr> </thead> <tbody> <tr> <td>A.M.</td> <td>J.G.</td> <td>K.M.</td> <td>G.J.</td> </tr> </tbody> </table>		DRAWN	CHECK	DESIGN	VERIFY	A.M.	J.G.	K.M.	G.J.	<p>SCALES</p> <p>0 2.5 5 A1 / A3 1:125 / 1:250</p>		<p>adw Johnson</p> <p>Hunter Office Unit 7/335 Hillsborough Rd Warners Bay N.S.W. 2282 Phone: (02) 4978 5100 Fax: (02) 4978 5199 email: hunter@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398</p>		<p>CLIENT</p> <p>HAYES CONSTRUCTION co</p>		<p>PROPERTY DESCRIPTION</p> <p>CONCEPT ENGINEERING PLANS FOR HUNGRY JACK'S LOT 100 DP1311787 HORATIO STREET, MUDGEE</p>		<p>PROJECT</p> <p>HUNGRY JACK'S MUDGEE</p>	
REV.	DATE	AMENDMENT																									
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<p>PROJECT No.</p> <p>240805</p>		<p>DISCIPLINE</p> <p>CENG</p>		<p>NUMBER</p> <p>801</p>		<p>REV.</p> <p>A</p>																					

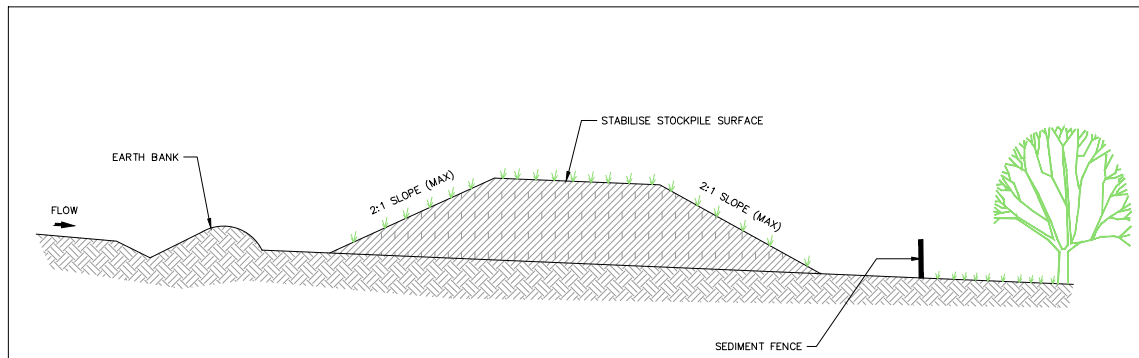
100mm AT FULL SIZE
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STABILISED SITE ACCESS (SD6-14)
N.T.S.

CONSTRUCTION NOTES:

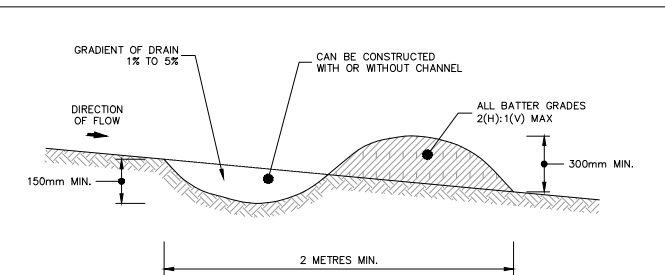
1. STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE.
2. COVER THE AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
3. CONSTRUCT A 200mm THICK PAD OVER THE GEOTEXTILE USING ROAD BASE OR 30mm AGGREGATE.
4. ENSURE THE STRUCTURE IS AT LEAST 15 METRES LONG OR TO BUILDING ALIGNMENT AND AT LEAST 3 METRES WIDE.
5. WHERE A SEDIMENT FENCE JOINS ONTO THE STABILISED ACCESS, CONSTRUCT A HUMP IN THE STABILISED ACCESS TO DIVERT WATER TO THE SEDIMENT FENCE.



STOCKPILES (SD4-1)
N.T.S.

CONSTRUCTION NOTES:

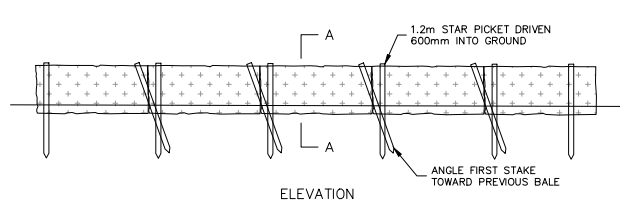
1. PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
4. WHERE THEY ARE TO 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 2 METRES DOWNSLOPE.



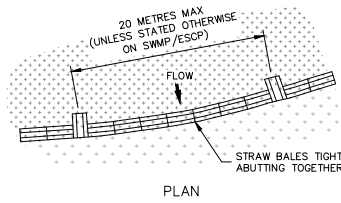
DIVERSION DRAIN (SD5-5)
N.T.S.

CONSTRUCTION NOTES:

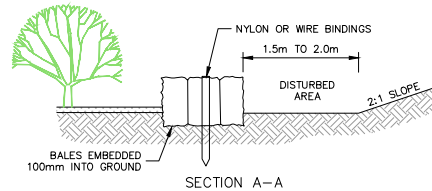
1. BUILD WITH GRADIENTS BETWEEN 1 PERCENT AND 5 PERCENT.
2. AVOID REMOVING TREES AND SHRUBS IF POSSIBLE - WORK AROUND THEM.
3. ENSURE THE STRUCTURES ARE FREE OF PROJECTIONS OR OTHER IRREGULARITIES THAT COULD IMPEDE WATER FLOW.
4. BUILD THE DRAINS WITH CIRCULAR, PARABOLIC OR TRAPEZOIDAL CROSS SECTIONS, NOT V SHAPED.
5. ENSURE THE BANKS ARE PROPERLY COMPACTED TO PREVENT FAILURE.
6. COMPLETE PERMANENT OR TEMPORARY STABILISATION WITHIN 10 DAYS OF CONSTRUCTION.



ELEVATION



PLAN

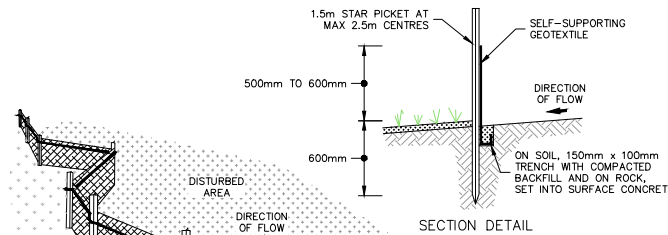


SECTION A-A

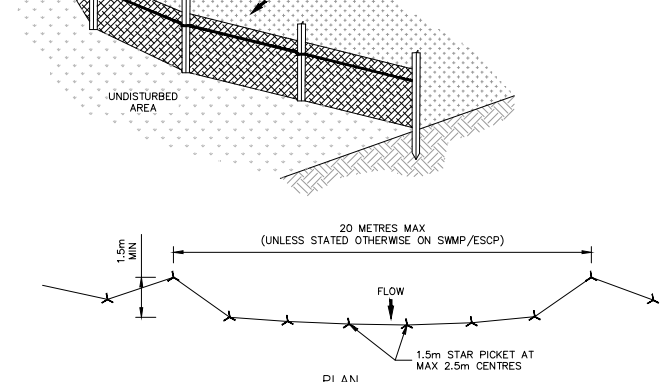
STRAW BALE FILTER (SD6-7)
N.T.S.

CONSTRUCTION NOTES:

1. CONSTRUCT THE STRAW BALE FILTER AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE.
2. PLACE BALES LENGTHWISE IN A ROW WITH ENDS TIGHTLY ABUTTING. USE STRAW TO FILL ANY GAPS BETWEEN BALES. STRAW IS TO BE PLACED PARALLEL TO GROUND.
3. ENSURE THAT THE MAXIMUM HEIGHT OF THE FILTER IS ONE BALE.
4. EMBED EACH BALE IN THE GROUND 75mm TO 100mm AND ANCHOR WITH TWO 1.2m STAR PICKETS OR STAKES. ANGLE THE FIRST STAR PICKET OR STAKE IN EACH BALE TOWARDS THE PREVIOUSLY LAID BALE. DRIVE THEM 600mm IN THE GROUND AND, IF POSSIBLE, FLUSH WITH THE TOP OF THE BALES. WHERE STAR PICKETS ARE USED AND THEY PROTRUDE ABOVE THE BALES, ENSURE THEY ARE FITTED WITH SAFETY CAPS.
5. WHERE A STRAW BALE FILTER IS CONSTRUCTED DOWNSLOPE FROM A DISTURBED BATTER, ENSURE THE BALES ARE PLACED 1 TO 2 METRES DOWNSLOPE FROM THE TOE.
6. ESTABLISH A MAINTENANCE PROGRAM THAT ENSURES THE INTEGRITY OF THE BALES IS RETAINED - THEY COULD REQUIRE REPLACEMENT EACH TWO TO FOUR MONTHS.



SECTION DETAIL

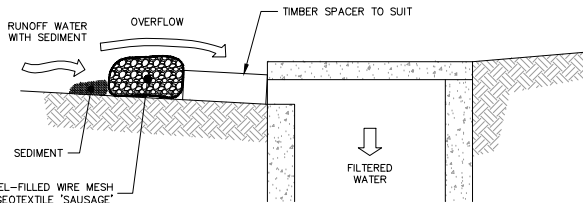
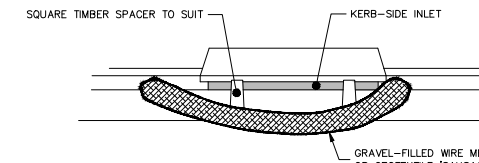


PLAN

SEDIMENT FENCE (SD6-8)
N.T.S.

CONSTRUCTION NOTES:

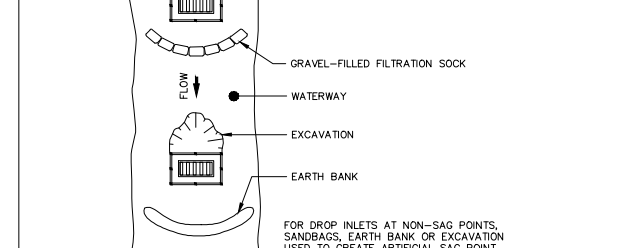
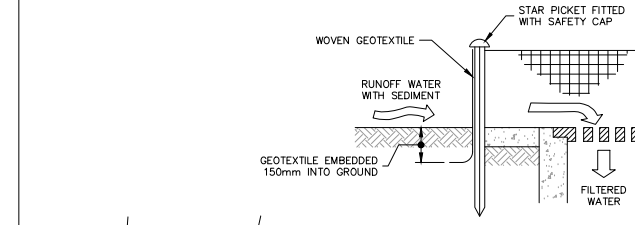
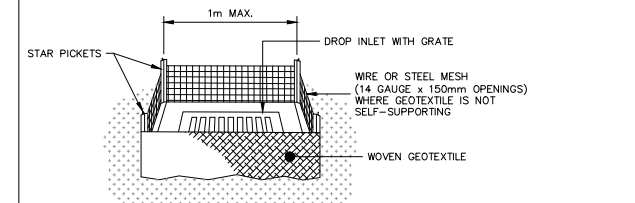
1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND 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 1.5m LONG STAR PICKETS INTO GROUND AT 2.5 METRE INTERVALS (MAX) AT 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.



CLEAN GRAVEL-FILLED FILTRATION SOCK AND GEOFABRIC SAUSAGE (SD6-11)
N.T.S.

CONSTRUCTION NOTES:

1. INSTALL FILTERS TO KERB INLETS ONLY AT SAG POINTS.
2. FABRICATE A SLEEVE MADE FROM GEOTEXTILE 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-LADEN WATERS CANNOT PASS BETWEEN.
7. TIMBER SPACERS MUST BE SQUARE IN SECTION.



GEOTEXTILE INLET FILTER (SD6-12)
N.T.S.

CONSTRUCTION NOTES:

1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE.
2. REFER STANDARD DRAWINGS 6-7 & 6-8 FOR INSTALLATION PROCEDURES FOR THE STRAW BALES OR GEOFABRIC. REDUCE THE PICKET SPACING TO 1 METRE CENTRES.
3. IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
4. DO NOT COVER THE INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.

NOTES:

1. KERB INLET PIT CONTROLS SHOWN INDICATIVELY. ENSURE FULL COVERAGE TO INLETS WHERE PIPED DRAINAGE IS PROVIDING CI FAN WATER BYPASS.

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REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES
A	11.03.2025	INITIAL ISSUE	A.M.	J.G.	K.M.	G.J.	

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HAYES CONSTRUCTION
CLIENT

PROPERTY DESCRIPTION
CONCEPT ENGINEERING PLANS FOR HUNGRY JACK'S LOT 100 DP1311787 HORATIO STREET, MUDGEE

PROJECT		PLAN TITLE	
HUNGRY JACK'S MUDGEE		EROSION & SEDIMENT CONTROL DETAILS	
SURVEYED	DATUM	PROJECT No.	DISCIPLINE
ADW Johnson	GDA2020 M.G.A. ZONE 55 A.H.D.	240805	CENG
		NUMBER	REV.
		802	A

100mm AT FULL SIZE
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ALL DIMENSIONS ARE IN METRES U.N.O. DO NOT SCALE