

277-289 WOODPARK ROAD SMITHFIELD NSW 2164

CIVIL WORKS

ISSUED FOR APPROVAL



LOCALITY PLAN
N.T.S.

DRAWING LIST

NO	SHEET TITLE
C0-00	COVER SHEET, DRAWING LIST & LOCALITY PLAN
C0-01	SITE PLAN
C0-02	GENERAL NOTES & LEGEND
C1-10	EROSION AND SEDIMENT CONTROL PLAN
C1-15	EROSION AND SEDIMENT CONTROL NOTES & DETAILS
C2-01	GENERAL ARRANGEMENT PLAN SHEET 1 OF 4
C2-02	GENERAL ARRANGEMENT PLAN SHEET 2 OF 4
C2-03	GENERAL ARRANGEMENT PLAN SHEET 3 OF 4
C2-04	GENERAL ARRANGEMENT PLAN SHEET 4 OF 4
C3-70	TRAFFIC SIGNS & PAVEMENT MARKING PLAN
C3-80	CIVIL WORKS DETAILS
C4-20	STORMWATER DRAINAGE
C4-60	STORMWATER CATCHMENT PLAN

AMENDED PLAN

ENGINEERING

09/11/2021

Note:

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 - b. All the pits and drainage pipes within the site including the outlet pipe that connects into street stormwater system.

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REV	DATE	DESCRIPTION	DRN	CKD	ENG	DES MAN	ENG MAN	CLIENT	RPEQ NO.
A	17/09/2021	ISSUED FOR INTERNAL REVIEW							
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C	03/06/2021	ISSUED FOR DEVELOPMENT APPLICATION							
D	13/09/2021	ISSUED FOR DA RFI RESPONSE							

DRAWING COORDINATE SYSTEM: MGA-56 (MAP GRID OF AUSTRALIA ZONE 56, GDA94 DATUM)

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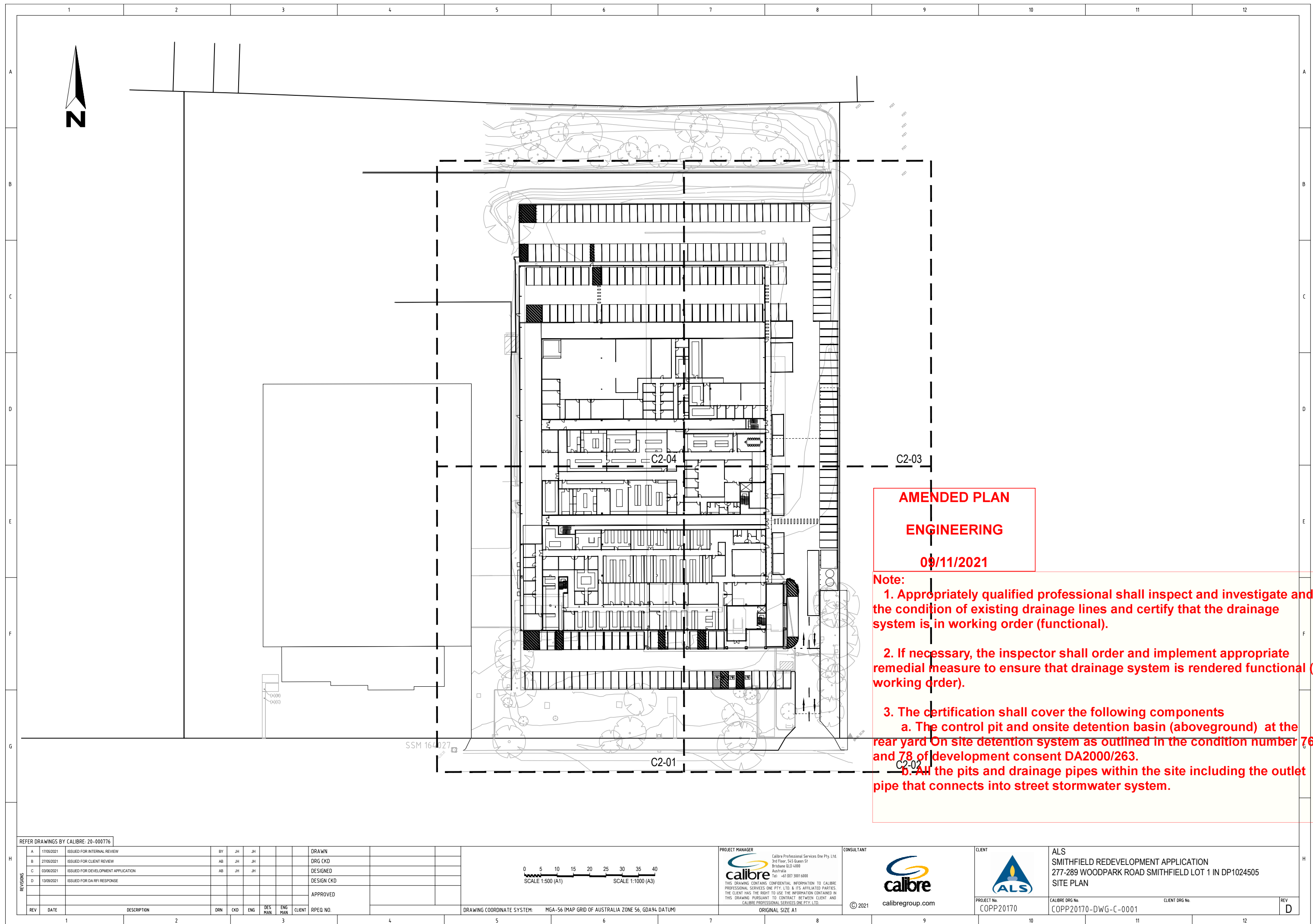
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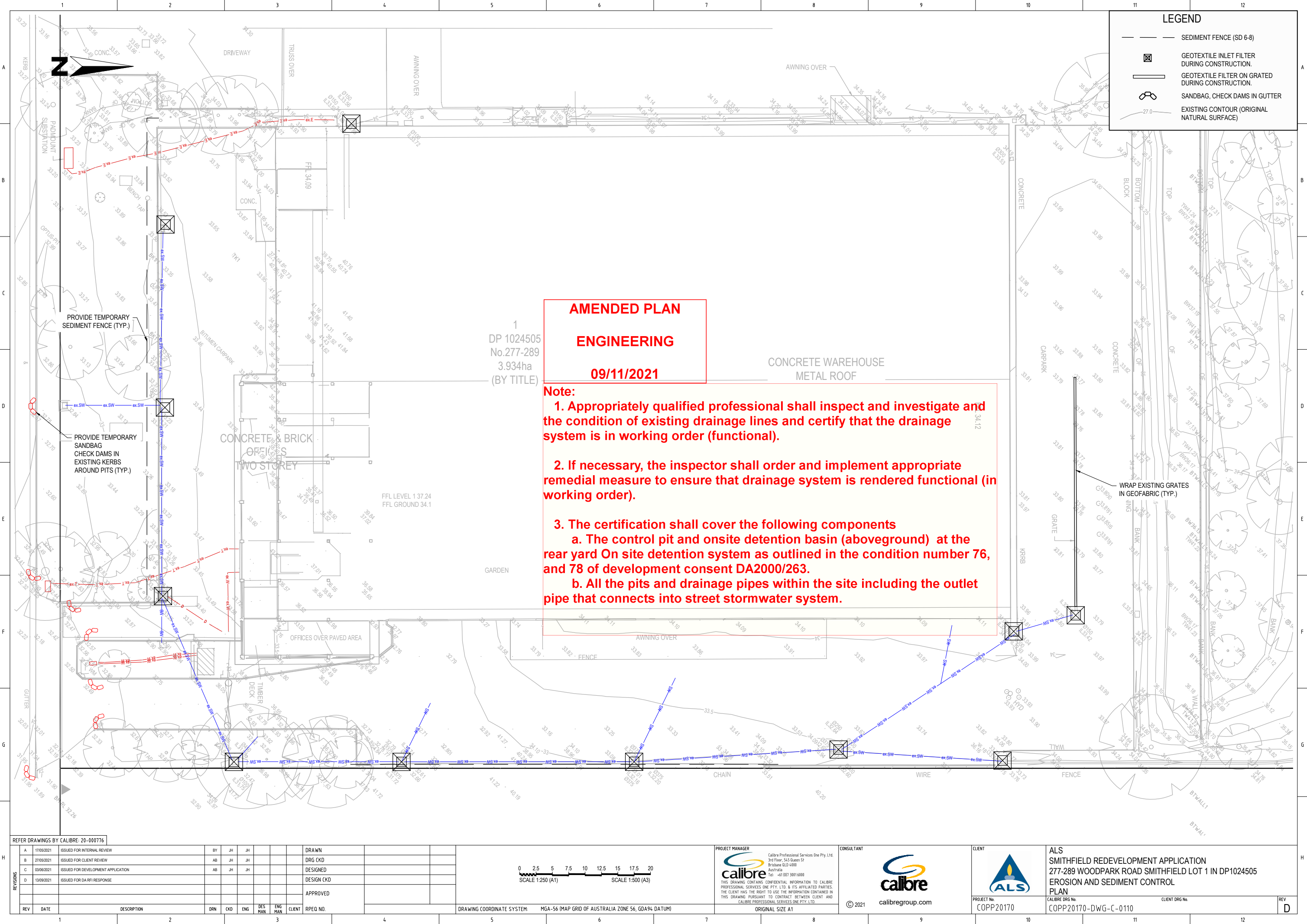
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CLIENT
ALS
PROJECT No.
COPP20170

ALS
SMITHFIELD REDEVELOPMENT APPLICATION
277-289 WOODPARK ROAD SMITHFIELD LOT 1 IN DP1024505
COVER SHEET, DRAWING LIST
AND LOCALITY PLAN
CALIBRE DRG No.
COPP20170-DWG-C-0000
CLIENT DRG No.

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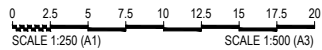
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ENGINEERING
09/11/2021

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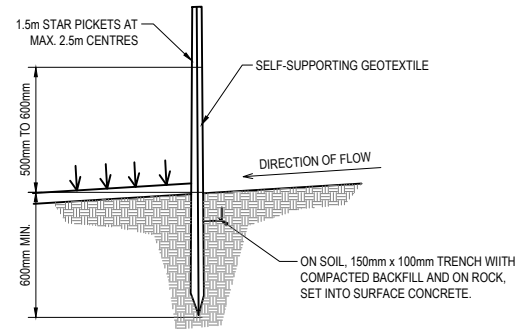
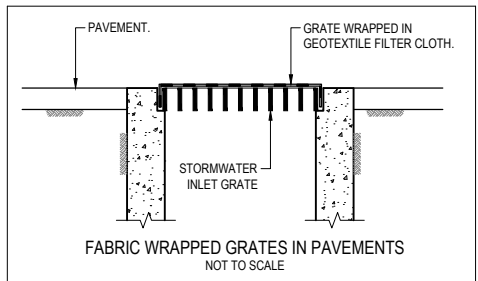
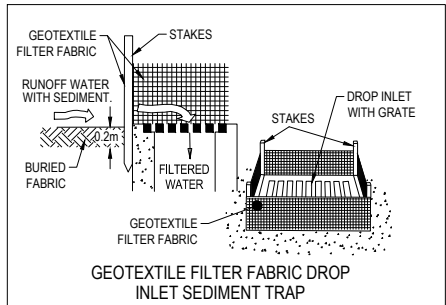
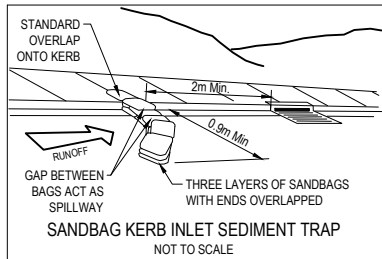
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ALS
SMITHFIELD REDEVELOPMENT APPLICATION
277-289 WOODPARK ROAD SMITHFIELD LOT 1 IN DP1024505
EROSION AND SEDIMENT CONTROL
PLAN
CALIBRE DRG No:
COPP20170-DWG-C-0110
CLIENT DRG No:
REV
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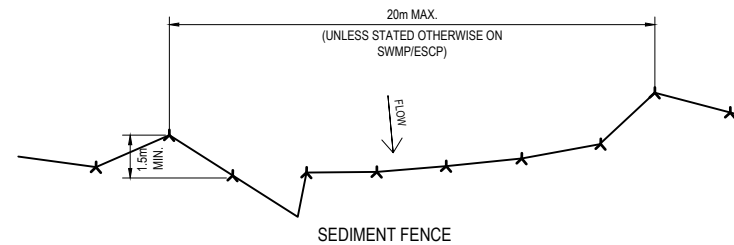
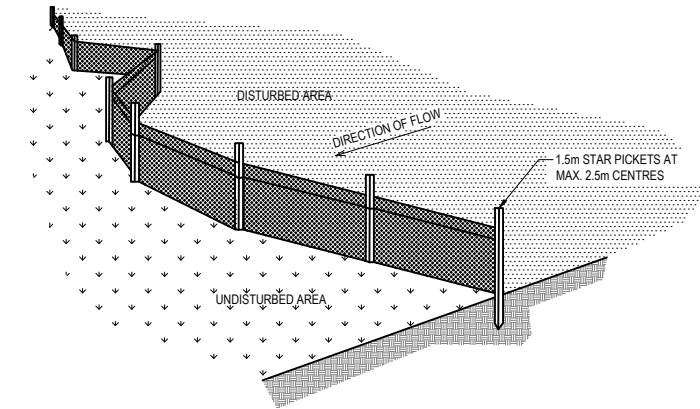
1. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH:
 - (a) LOCAL AUTHORITY REQUIREMENTS,
 - (b) EPA - POLLUTION CONTROL MANUAL FOR URBAN STORMWATER
 - (c) LANDCOM'S SOIL AND CONSTRUCTION - MANAGING URBAN STORMWATER MANUAL
2. EROSION AND SEDIMENT CONTROL DRAWINGS AND NOTES ARE PROVIDED FOR THE WHOLE OF THE WORKS. SHOULD THE CONTRACTOR STAGE THEN THE WORKS THEN THE DESIGN MAY REQUIRE TO BE MODIFIED. VARIATION TO THESE DETAILS MAY REQUIRE TO BE APPROVED BY THE RELEVANT AUTHORITIES. THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE IMPLEMENTED AND ADOPTED TO MEET THE VARYING SITUATIONS AS WORK ON SITE PROGRESSES.
3. MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
4. WHEN STORMWATER PITS ARE CONSTRUCTED PREVENT SITE RUNOFF ENTERING THE PITS UNLESS SEDIMENT TRAPS ARE ERECTED AROUND PITS.
5. MINIMIZE THE AREA OF SITE BEING DISTURBED AT ANY ONE TIME.
6. PROTECT ALL STOCKPILES OF MATERIALS FROM SCOUR AND EROSION. DO NOT STOCKPILE LOOSE MATERIAL IN ROADWAYS, NEAR DRAINAGE PITS OR IN WATERCOURSES.
7. ALL SOIL AND WATER CONTROL MEASURES ARE TO BE PUT BACK IN PLACE AT THE END OF EACH WORKING DAY, AND MODIFIED TO BEST SUIT SITE CONDITIONS.
8. CONTROL WATER FROM UPSTREAM OF THE SITE SUCH THAT IT DOES NOT ENTER THE DISTURBED SITE
9. ALL CONSTRUCTION VEHICLES SHALL ENTER AND EXIT THE SITE VIA THE APPROVED CONSTRUCTION ENTRY/EXIT ROUTE.
10. ALL VEHICLES LEAVING THE SITE SHALL BE CLEANED AND INSPECTED BEFORE LEAVING.
11. MAINTAIN ALL STORMWATER PIPES AND PITS CLEAR OF DEBRIS AND SEDIMENT. INSPECT STORMWATER SYSTEM AND CLEAN OUT AFTER EACH STORM EVENT.
12. CLEAN OUT ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER EACH STORM EVENT.

1. PRIOR TO COMMENCEMENT OF EXCAVATION THE FOLLOWING SOIL MANAGEMENT DEVICES MUST BE INSTALLED.
 - (i) CONSTRUCT SILT CONTROL DEVICES BELOW THE SITE AND ACROSS ALL POTENTIAL RUNOFF SITES.
 - (ii) CO-ORDINATE CONSTRUCTION ENTRY/EXIT ROUTES WITH SITE SUPERINTENDENT. ARRANGE SUITABLE LOCATION FOR THE INSPECTION OF TRUCKS PRIOR TO LEAVING SITE AND DIVERT RUNOFF TO SUITABLE CONTROL SYSTEM.
 - (iii) CONSTRUCT MEASURES TO DIVERT UPSTREAM FLOWS INTO EXISTING STORMWATER SYSTEM.
 - (iv) PROVIDE SANDBAG SEDIMENT TRAPS UPSTREAM OF EXISTING PITS.
 - (v) LOCATE A 1.8 METRE CHAIN WIRE FENCE AROUND THE BOUNDARIES AND ATTACH HESSIAN CLOTH TO IT ON THE WINDWARD SIDE (TIES AT THE TOP CENTER AND BOTTOM AND AT 1 METRE INTERVALS.

-
- DIRECTION OF FLOW
- CUT FABRIC TO LEVEL OF SPILLWAY & TIE BACK
- 1.0m MIN.
- TOP OF BOARD
- SUPPORT POSTS @3m SPACINGS
- MARINE PLY SET UPSTREAM & FIXED TO SUPPORT POSTS TO PROVIDE LEVEL SPILLWAY.
- DISSIPATOR:
 - NOMINAL 75mm AGGREGATE OR
 - SAND BAGS OR
 - PLASTIC SHEETING
- ALTERNATIVES:
 - TIMBER STRIP OR STEEL POST
- SEDIMENT FENCE OVERFLOW



SECTION DETAIL



1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT 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 RETRENCHED.
3. DRIVE 1.5m LONG STAR PICKET INTO GROUND AT 2.5m INTERVALS (MAX.) AT THE DOWNSLOPE EDGE OF THE TRENCH.
4. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
5. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POST ENSURING IT GOES TO THE BASS 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.
6. JOIN SECTIONS OF THE FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
7. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACTED IT THROUGHOLY OVER THE GEOTEXTILE.

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REVISIONS	A	17/05/2021	ISSUED FOR INTERNAL REVIEW	BY	JH	JH					DRAWN		
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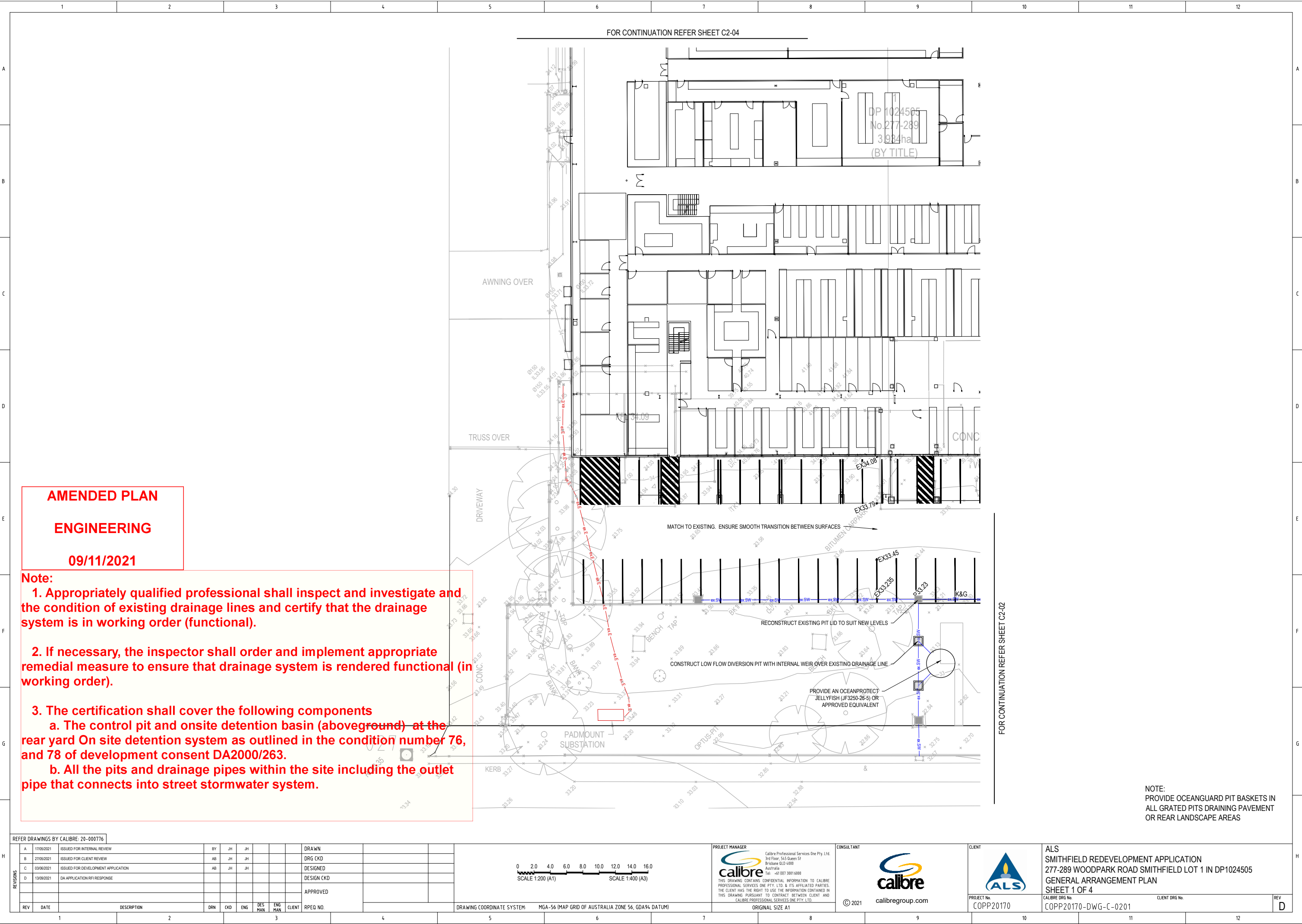
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NOTES & DETAILS	
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COPP20170-DWG-C-0115	



AMENDED PLAN

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09/11/2021

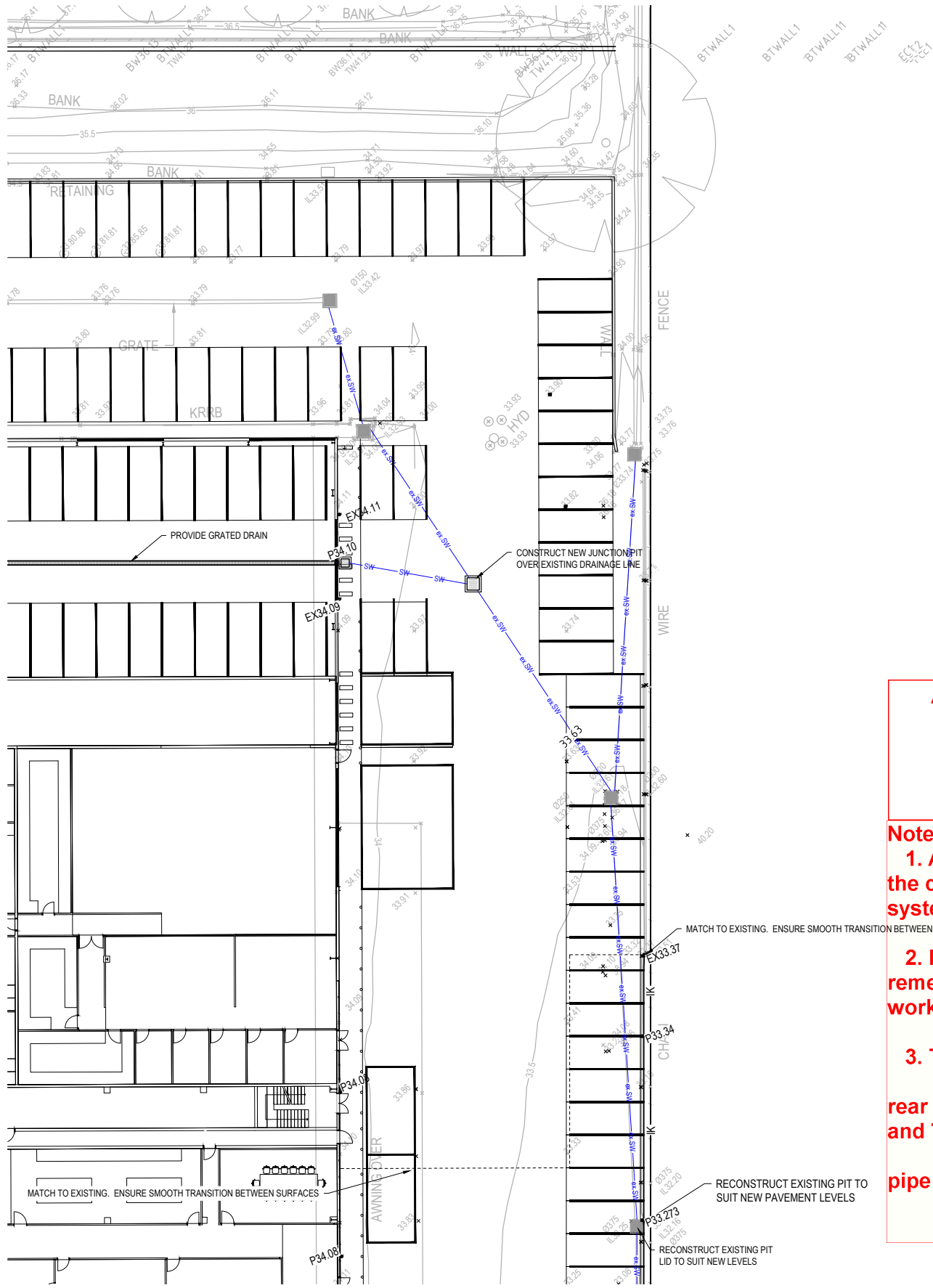
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NOTE:
1. PROVIDE OCEANGUARD PIT BASKETS IN ALL GRATED PITS DRAINING PAVEMENT OR REAR LANDSCAPE AREAS

[illegible]



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SCALE 1:200 (A1) SCALE 1:400 (A3)

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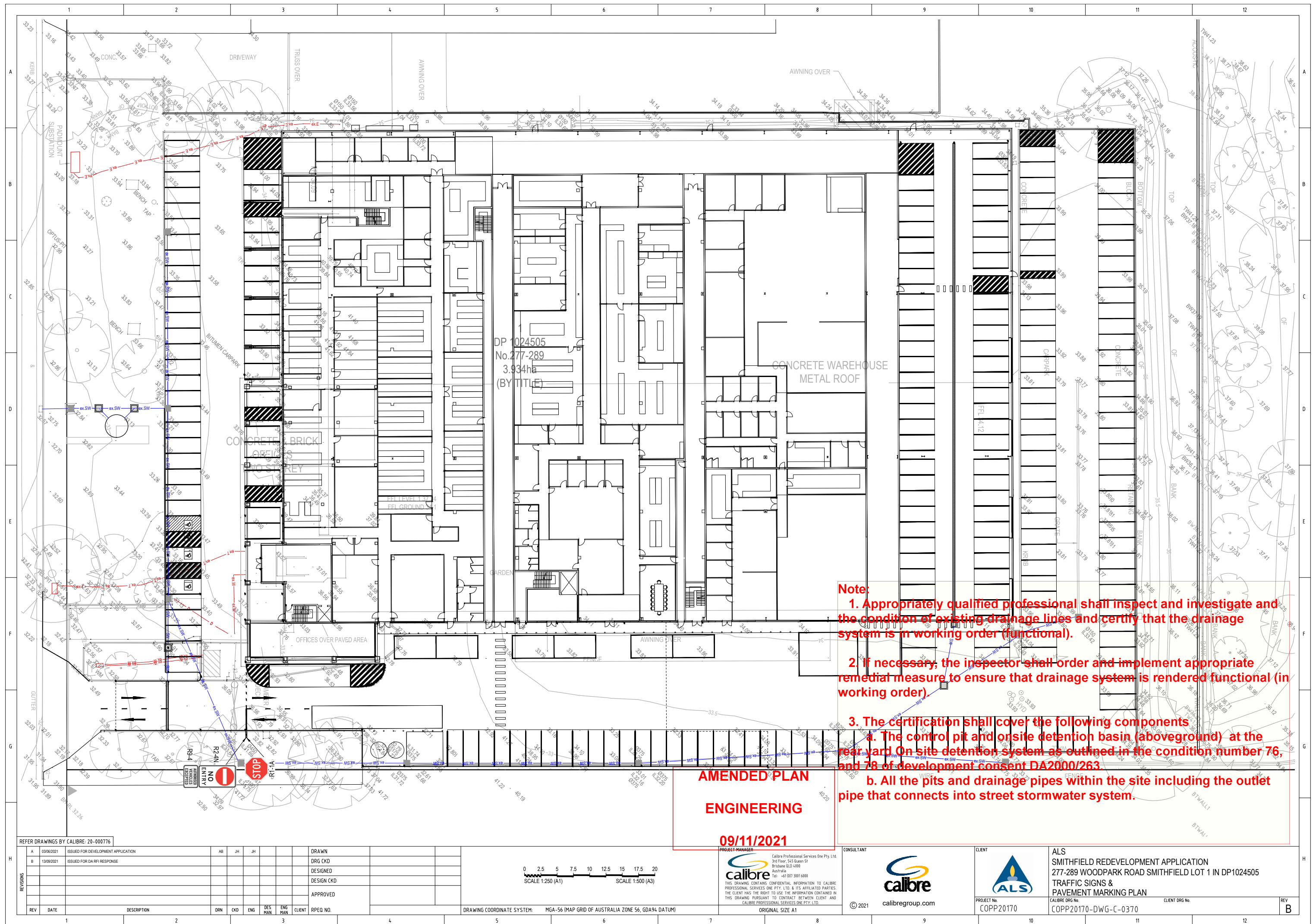
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GENERAL ARRANGEMENT PLAN
SHEET 3 OF 4

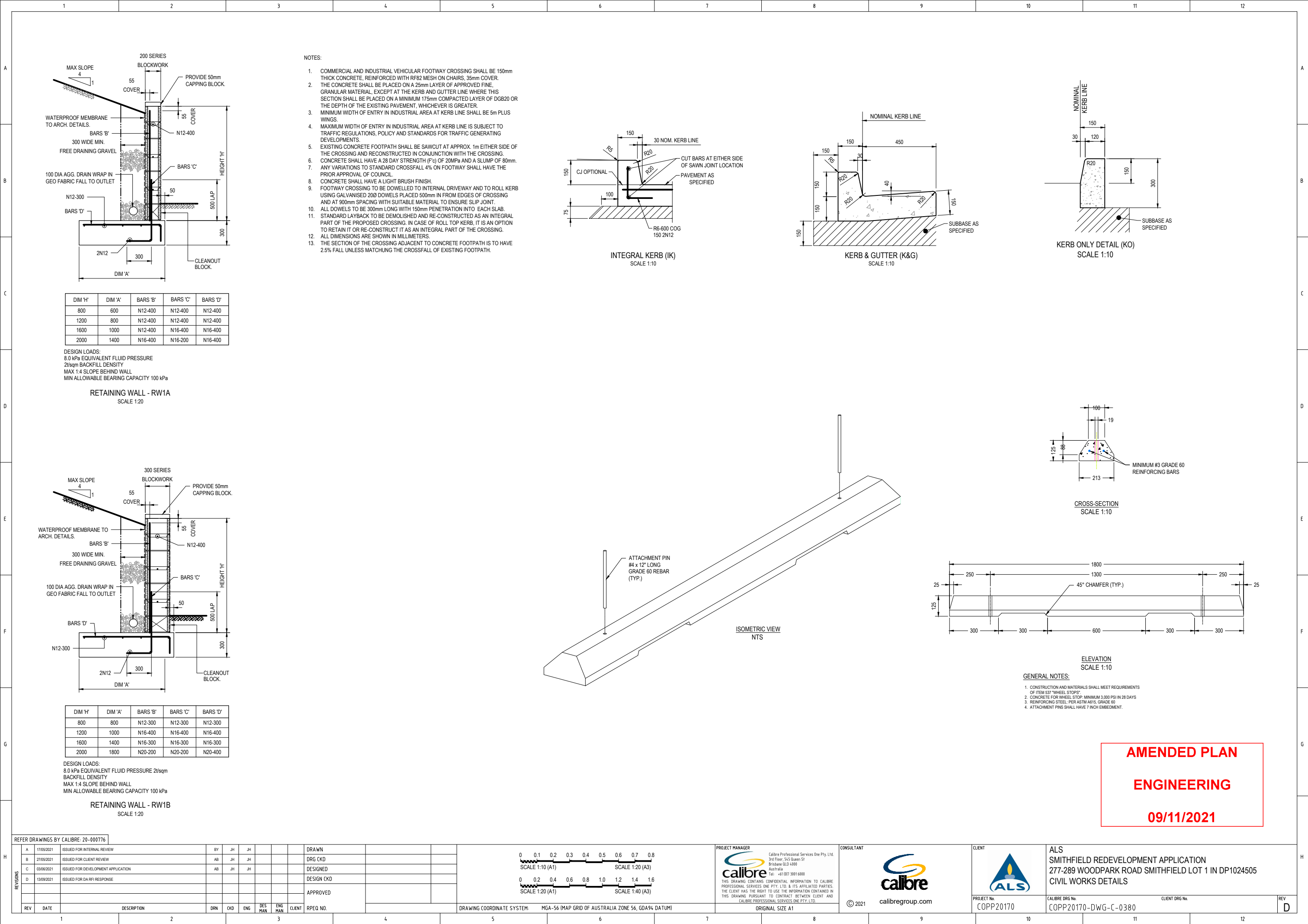
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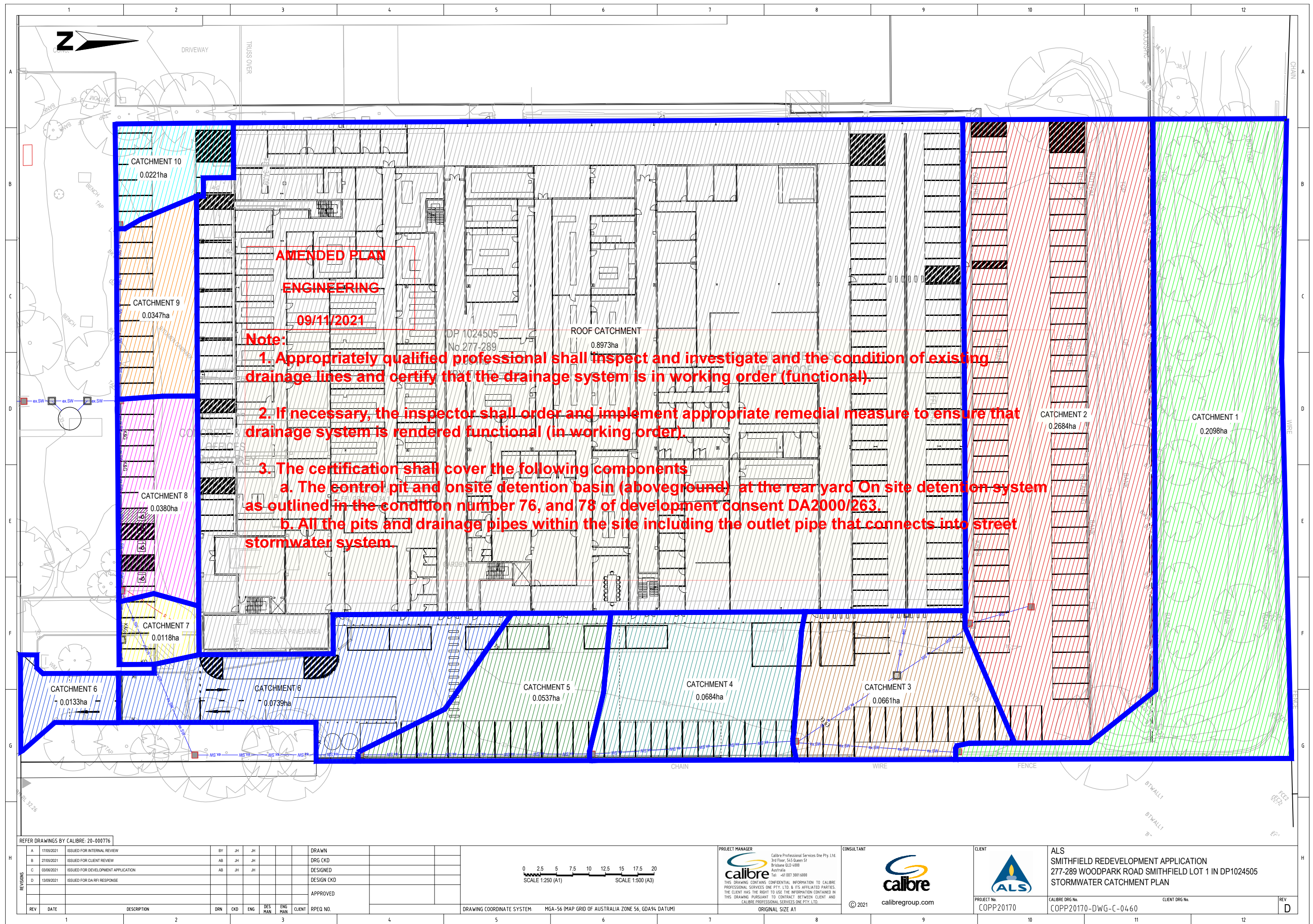
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DES	JH	JH	AB	JH	AB	JH	JH	AB	JH
MAN	JH	JH	AB	JH	AB	JH	JH	AB	JH
CLIENT	JH	JH	AB	JH	AB	JH	JH	AB	JH
RPEQ NO.	JH	JH	AB	JH	AB	JH	JH	AB	JH

0 2.5 5 7.5 10 12.5 15 17.5 20
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