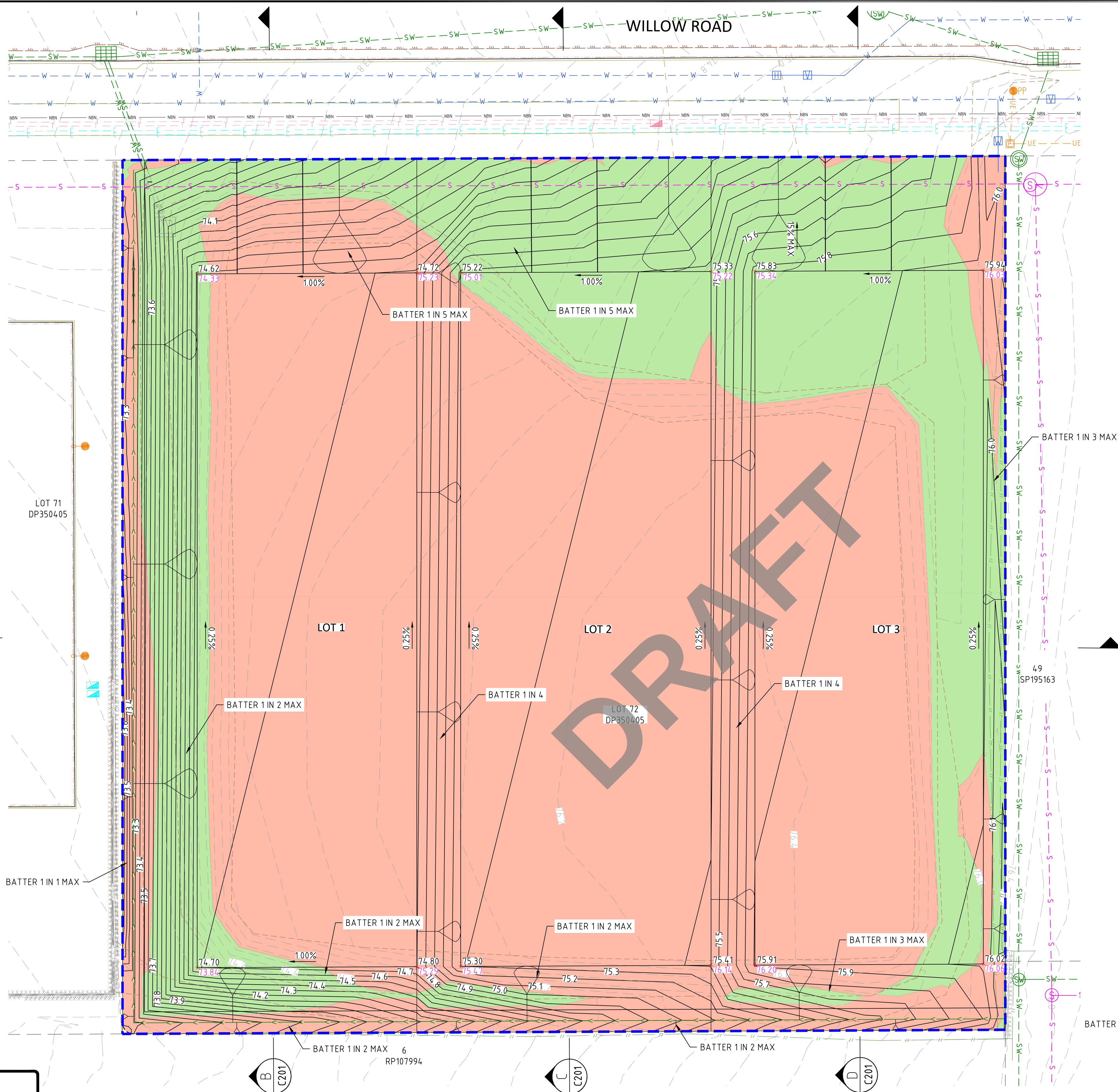




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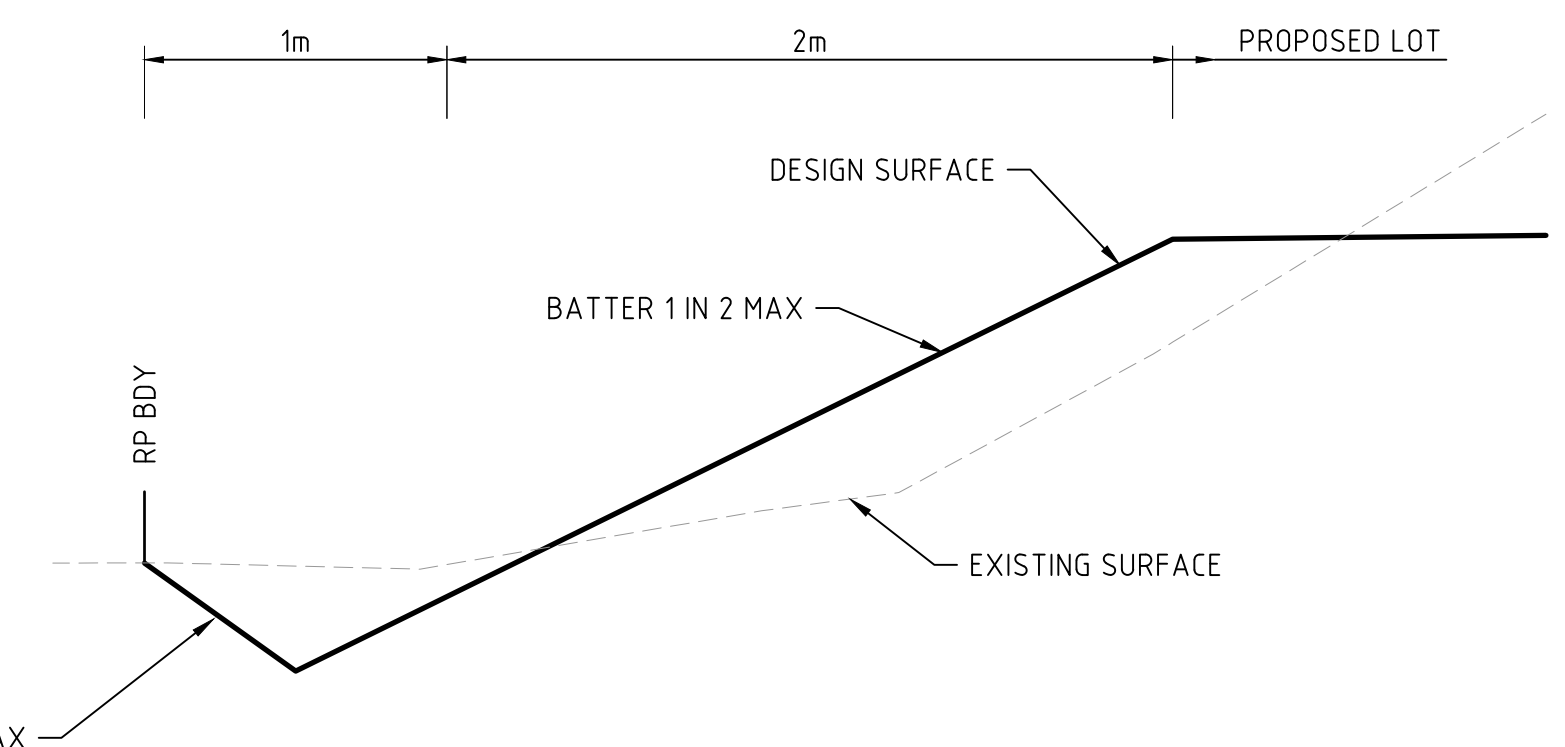
- EXISTING CENTRELINE
- EXISTING KERB
- EXISTING WATER
- EXISTING ELECTRICITY
- EXISTING SEWER
- EXISTING BUILDING
- EXISTING DRIVEWAY
- EXISTING CONTOUR (0.2m INTERVAL)
- EXISTING EDGE OF CONCRETE SLAB
- EXISTING BATTER
- EXISTING FENCE
- EXISTING RETAINING WALL
- EXISTING BDY
- DESIGN CONTOUR (0.1m INTERVAL)
- EARTHWORKS AREA OF CUT
- EARTHWORKS AREA OF FILL
- DESIGN SPOT LEVEL
- EXISTING SPOT LEVEL
- SITE BOUNDARY
- PROPOSED SWALE
- PROPOSED BATTER

GENERAL EARTHWORKS NOTES:

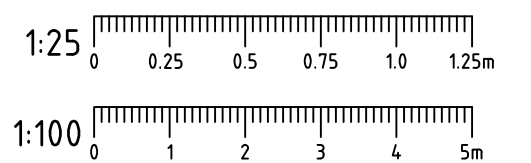
- ALL EARTHWORKS CONSTRUCTION UNDER THIS CONTRACT IS TO BE PERFORMED STRICTLY IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER'S REPORT PREPARED BY THE PRINCIPAL'S GEOTECHNICAL CONSULTANT.
- ALL COMPACTION TESTING UNDER THIS CONTRACT IS TO BE CARRIED OUT TO AS3798 LEVEL 1 STANDARD BY A NATA-ACCREDITED TESTING AUTHORITY. CERTIFICATION FOR ALL EARTHWORKS CONSTRUCTION AND TESTING IS TO BE PROVIDED BY A REGISTERED PROFESSIONAL ENGINEER C.O.G.C (RPEQ) ENGAGED BY THE CONTRACTOR.
- ALL DESIGN LEVELS SHOWN ON THE CONTRACT DRAWINGS ARE FINISHED SURFACE LEVELS FOLLOWING TOPSOIL REPLACEMENT.
- ALL STRUCTURAL FILL MATERIAL PLACED SHALL BE COMPACTED TO THE FOLLOWING MINIMUM DENSITY IN ACCORDANCE WITH THE SPECIFICATION AND THE GEOTECHNICAL REPORT.

BULK EARTHWORKS SUMMARY
(NET VOLUME)

TO PROPOSED SURFACE	
TOTAL CUT	665 cu.m.
TOTAL FILL	91 cu.m.
BALANCE VOLUME	574 cu.m.



TYPICAL SECTION - SWALE
SCALE: 1:25



EARTHWORKS LAYOUT PLAN
SCALE: 1:100

FOR APPROVAL



75 BARDEN RIDGE ROAD, REEDY CREEK, QLD 4227

A1 THE SCALE SHOWN IS ORIGINAL DRAWING SCALE

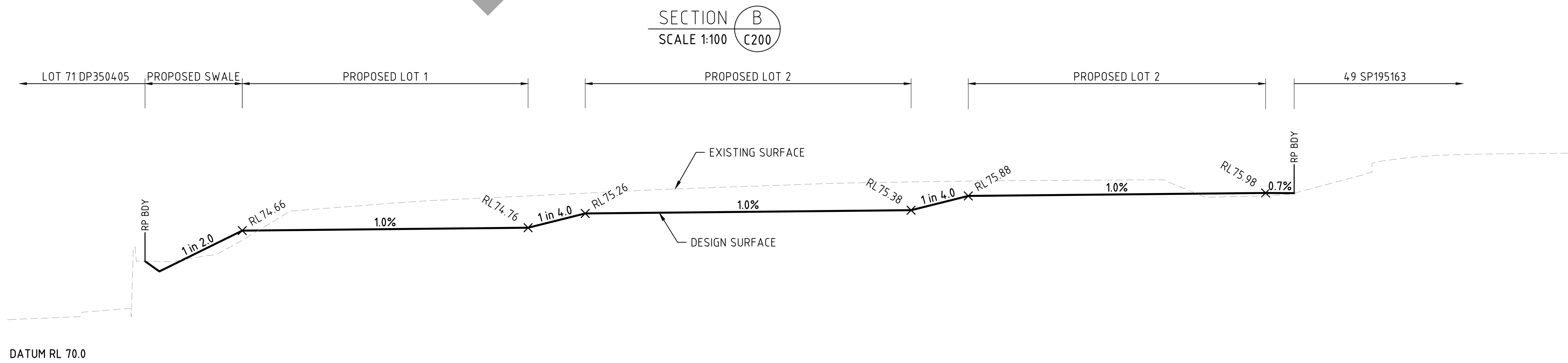
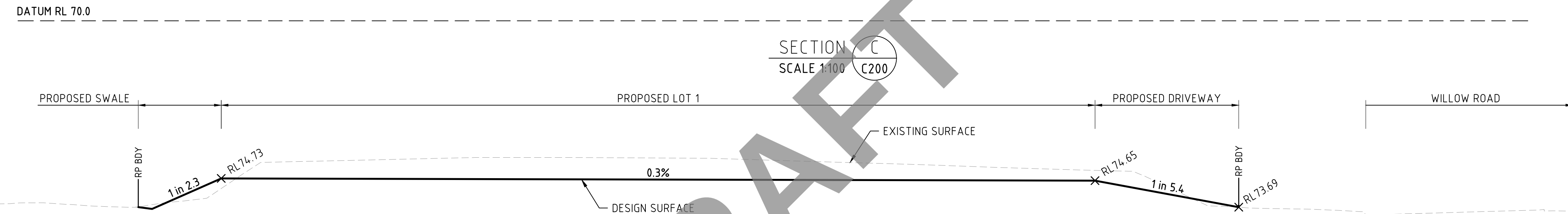
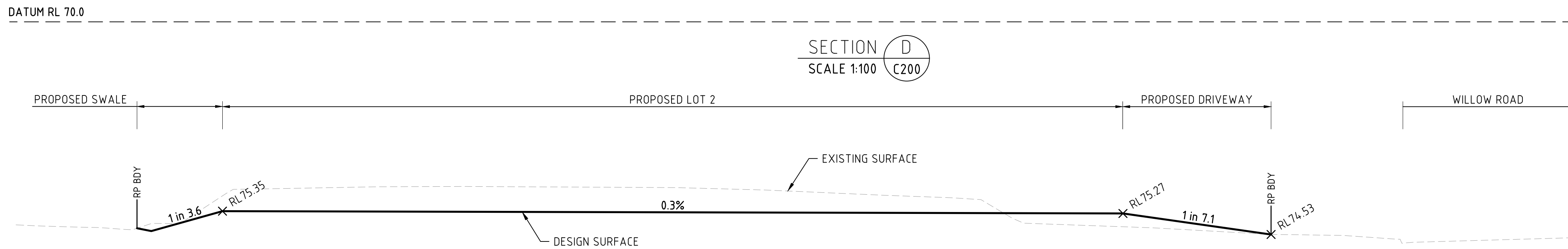
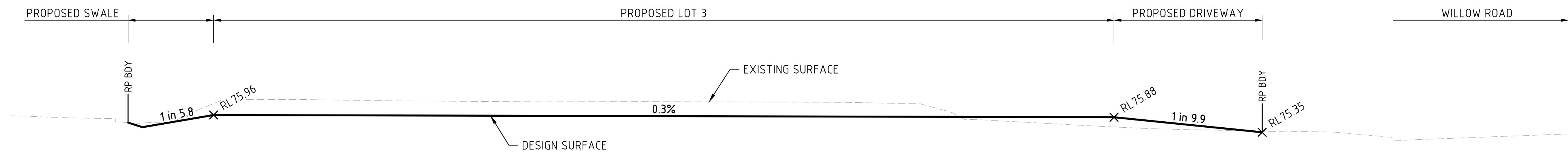
REV	DATE	REVISION DETAILS	APPROVED
A	24.09.26	ORIGINAL ISSUED	JW

PROJECT
72 WILLOW ROAD, REDBANK PLAINS
OPERATIONAL WORKS

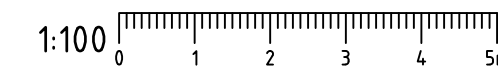
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DESIGNED	TV
CHECKED	JW
APPROVED	JW
DATE	SEP 26
GRID REF.	AHD

CLIENT
HASHTAG CUSTOM
BUILDS QLD 1
KRISH PRASAD

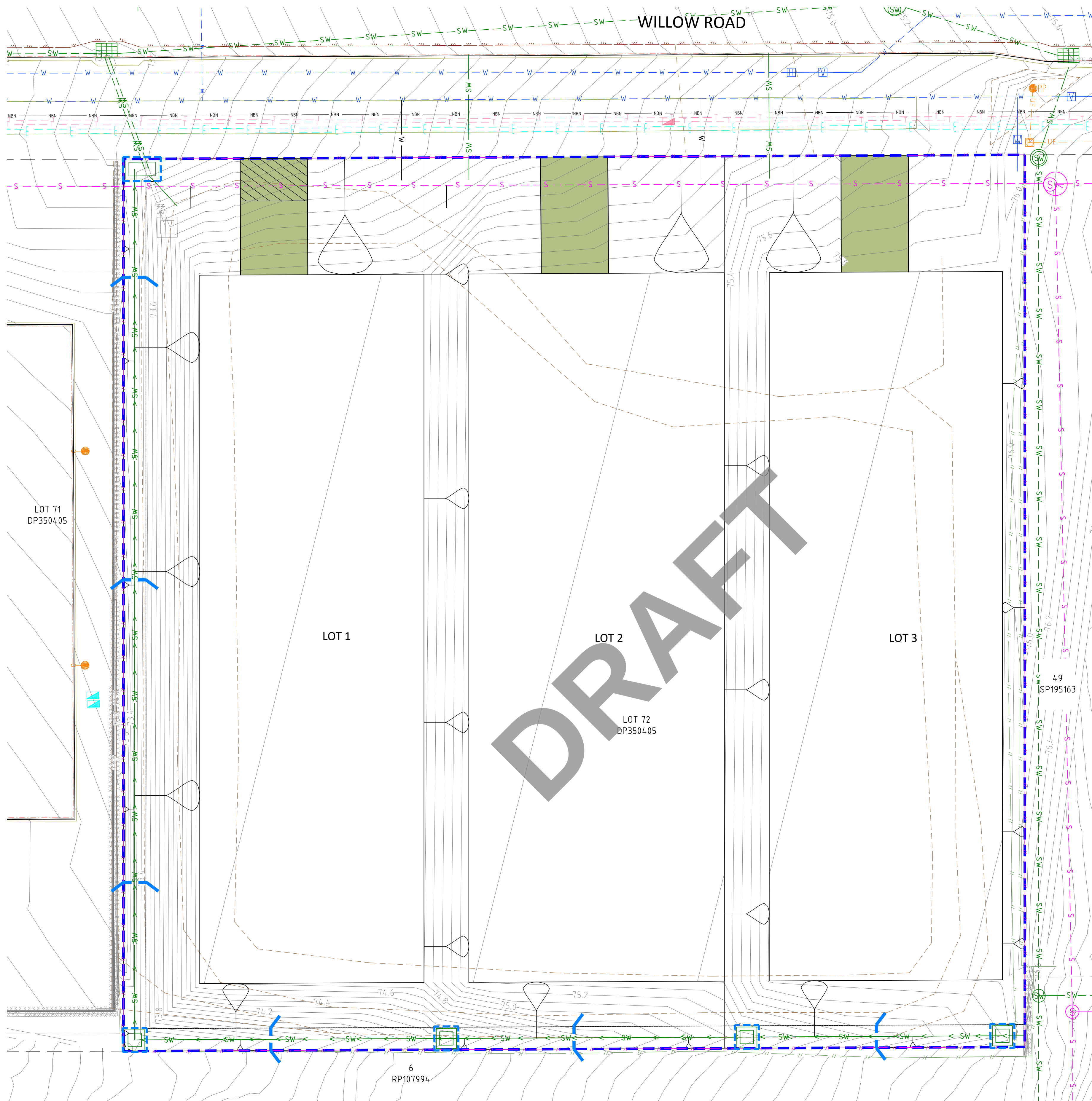
TITLE BULK EARTHWORKS LAYOUT PLAN	
DRAWING NO. LC26070.C200	REV. A



FOR APPROVAL



Legend Consultants Efficiency • Innovation • Quality 75 BARDEN RIDGE ROAD, REEDY CREEK, QLD 4227 A1 THE SCALE SHOWN IS ORIGINAL DRAWING SCALE					PROJECT 72 WILLOW ROAD, REDBANK PLAINS OPERATIONAL WORKS	DRAWN TV	CLIENT HASHTAG CUSTOM BUILDS QLD 1 KRISH PRASAD	TITLE BULK EARTHWORKS SECTIONS	
						DESIGNED TV			
						CHECKED JW			
						APPROVED JW			
						DATE SEP 26			
	REV	DATE	REVISION DETAILS	APPROVED		GRID REF. AHD		DRAWING NO. LC26070.C201	REV. A



LEGEND:

- EXISTING KERB
- EXISTING WATER
- EXISTING ELECTRICITY
- EXISTING SEWER
- EXISTING STORMWATER
- EXISTING STORMWATER TO BE REMOVED
- EXISTING BUILDING
- EXISTING DRIVEWAY
- EXISTING FENCE
- EXISTING BDY
- FINISH CONTOUR (0.2m INTERVAL)
- PROPOSED DUST FENCE
- SHAKE DOWN AREA
- PROPOSED STORMWATER INLET SEDIMENT TRAP
- SITE BOUNDARY
- PROPOSED CONCRETE DRIVEWAY
- PROPOSED INLET PIT 600X600mm
- ROCK CHECK DAM
- PROPOSED BATTER

FOR APPROVAL

EROSION AND SEDIMENT LAYOUT PLAN

SCALE: 1:100

1:100 0 1 2 3 4 5m



75 BARDEN RIDGE ROAD, REEDY CREEK, QLD 4227

A1 THE SCALE SHOWN IS ORIGINAL DRAWING SCALE

A	24.09.26	ORIGINAL ISSUED	JW
REV	DATE	REVISION DETAILS	APPROVED

PROJECT
72 WILLOW ROAD, REDBANK PLAINS
OPERATIONAL WORKS

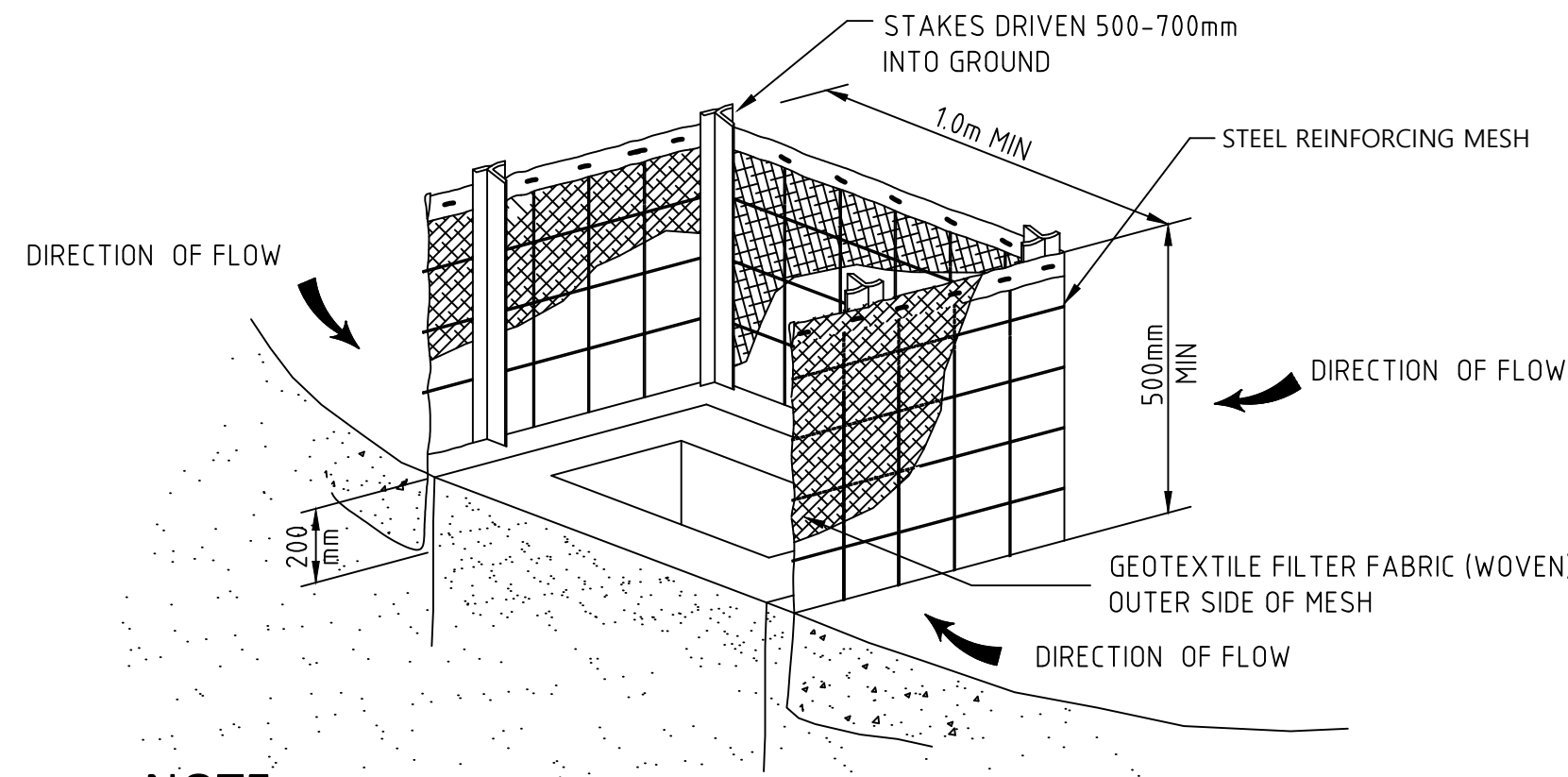
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DESIGNED	TV
CHECKED	JW
APPROVED	JW
DATE	SEP 26
GRID REF.	AHD

CLIENT
HASHTAG CUSTOM
BUILDS QLD 1
KRISH PRASAD

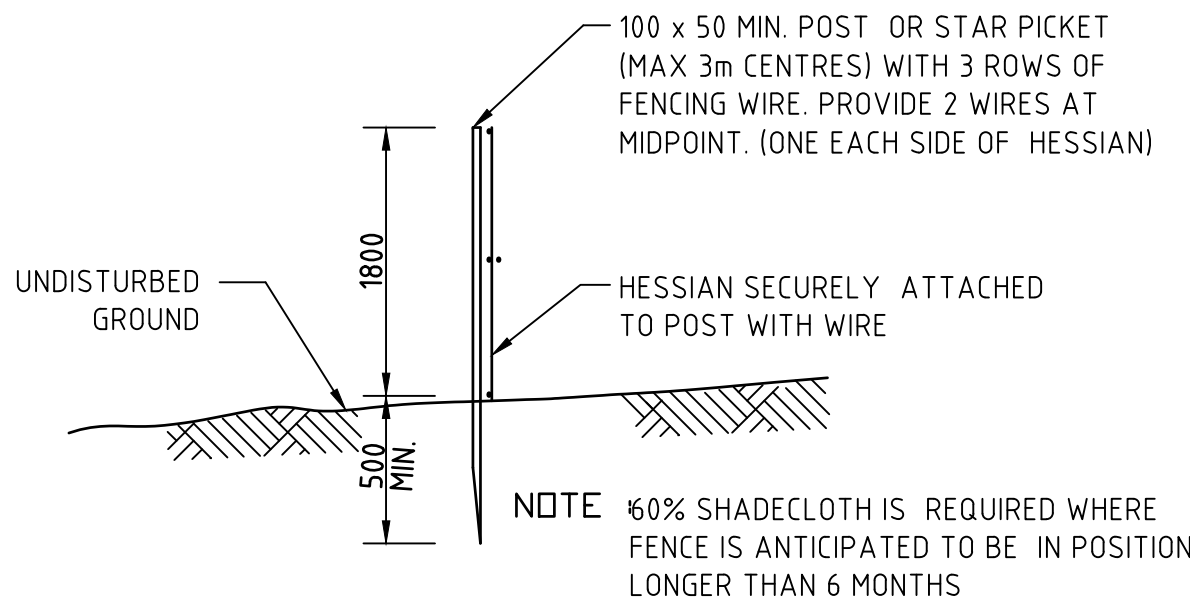
TITLE
EROSION AND SEDIMENT
CONTROL LAYOUT PLAN

DRAWING NO.
LC26070.C250

REV.
A

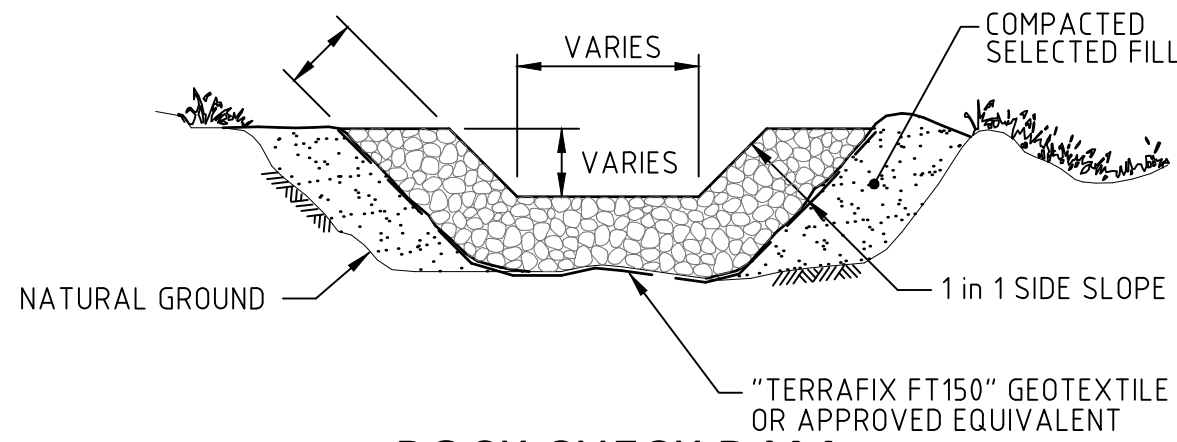


STORMWATER INLET SEDIMENT TRAP
N.T.S.

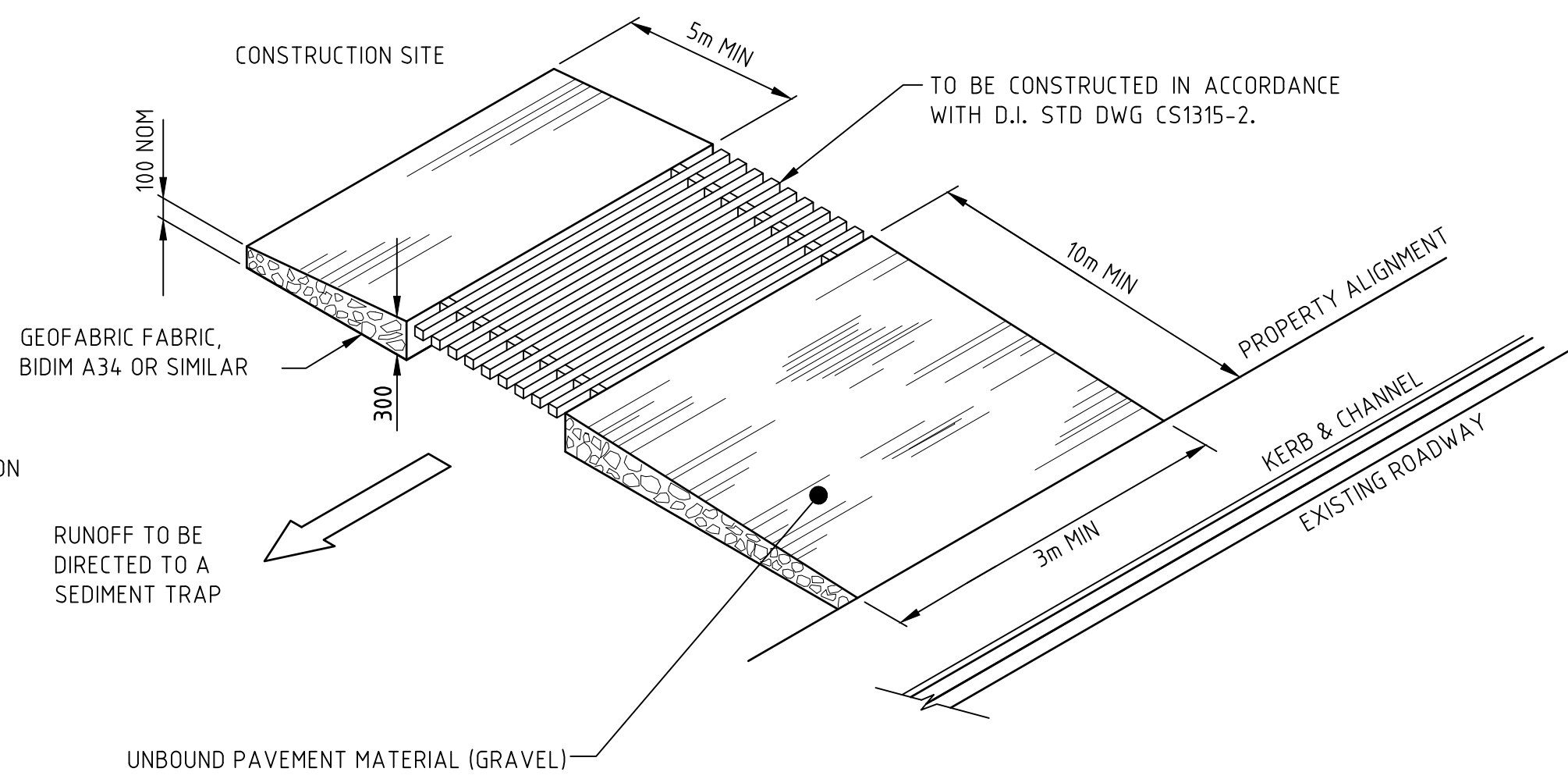


DUST CONTROL FENCE
N.T.S.

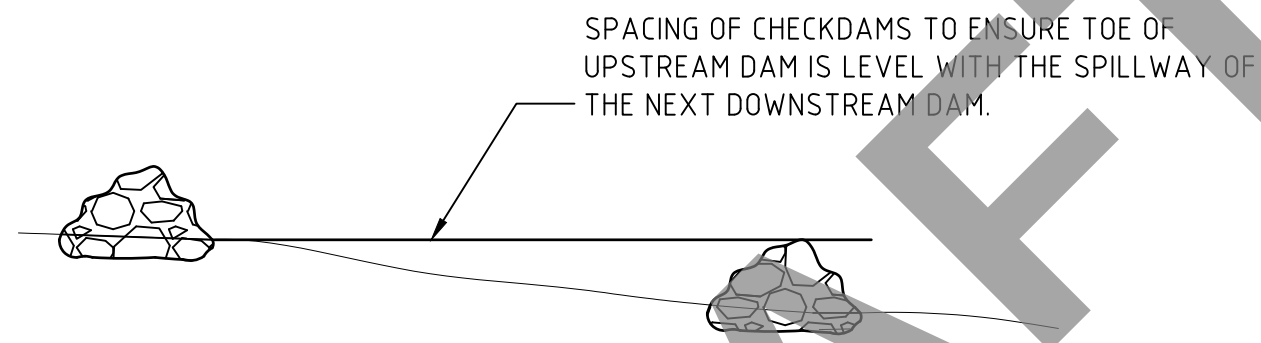
NOTE: DUST CONTROL FENCE TO BE PLACED AS DIRECTED ON-SITE BY SUPERINTENDENT.



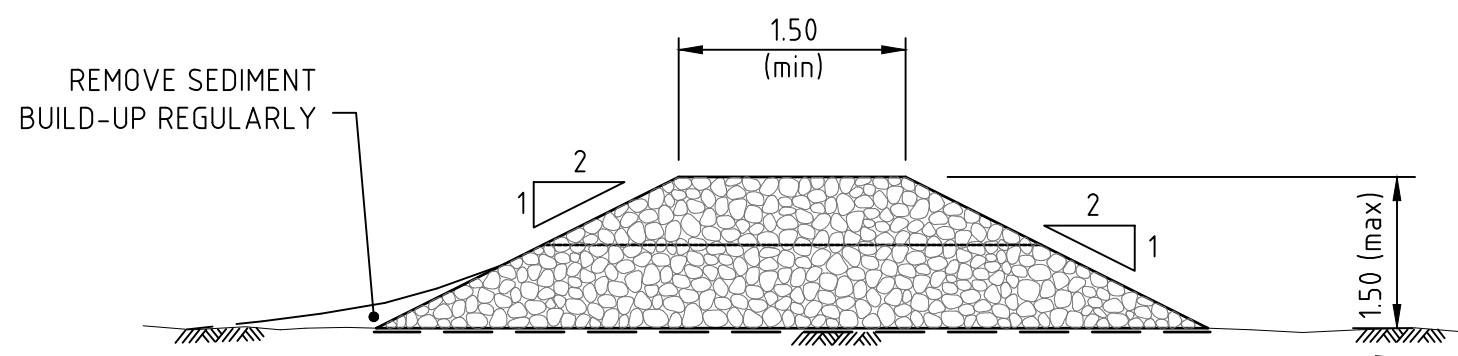
**ROCK CHECK DAM
TYPICAL CROSS SECTION**
N.T.S.



TEMPORARY CONSTRUCTION ENTRY/EXIT
N.T.S.



**ROCK CHECK DAM
TYPICAL LONGITUDINAL SECTION**
N.T.S.



**ROCK CHECK DAM
TYPICAL DETAIL**
N.T.S.

SEDIMENT AND EROSION CONTROL NOTES

- THIS DRAWING HAS BEEN PREPARED AS A GUIDE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MANAGE SITE SEDIMENT AND EROSION CONTROL MEASURES AND DURING THE CONSTRUCTION PERIOD INSTALL ADDITIONAL MEASURES WHERE SCOUR OR SEDIMENT TRANSPORT IS LIKELY TO OCCUR.
- DELAY CLEARING, GRUBBING AND TOPSOIL STRIPPING UNTIL NECESSARY.
- COMMENCE WORK ON SITE ONLY AFTER SEDIMENT AND EROSION CONTROL MEASURES ARE IN PLACE.
- MANAGE SITE ENTRY/EXIT POINTS TO ENSURE SEDIMENT IS NOT TRACKED OFF SITE.
- SHAKEDOWN AREA:** PROVIDES FOR CONSTRUCTION, SERVICE AND STAFF VEHICLES ENTERING PUBLIC ROADS. CONTRACTOR SHALL LOCATE TO SUIT SITE ACTIVITIES. CONSTRUCTED AS 250mm THICK LAYER OF COARSE (150mm -200mm) RIVER GRAVEL OVER A SINGLE LAYER OF HIGH STRENGTH GEOTEXTILE (15m x 5m).
- THE CONTRACTOR SHALL INSTALL EITHER STORMWATER INLET SEDIMENT TRAPS OR EXCAVATED INLET ARRANGEMENT AT ALL STORMWATER STRUCTURES DURING THE CONSTRUCTION.
- FILTER ROLLS SHALL BE INSTALLED AT GULLY PITS IMMEDIATELY AFTER GULLY PIT CONSTRUCTION AND LEFT IN PLACE DURING THE MAINTENANCE PERIOD. OPERATION OF ROLLS DURING PERIODS OF HEAVY RAIN TO BE MONITORED TO PREVENT FLOODING AND EROSION DAMAGE ELSEWHERE.
- ARRANGE FOR EROSION CONTROL MEASURES TO BE INSTALLED AS CLOSE AS POSSIBLE TO THE SOURCE OF EROSION.
- ENSURE STOCKPILED TOPSOIL AND EARTHWORKS ARE NOT ERODED BY WIND AND STORMWATER RUN-OFF AND ARE PROVIDED WITH A SILT FENCE AROUND THE LOW SIDE.
- SILT FENCES HAVE BEEN ESTABLISHED UNDER BULK EARTHWORKS CONTRACT. ERECT SILT FENCES IF REQUIRED, GENERALLY ALONG THE LOW SIDE OF THE CONSTRUCTION SITE AND ALONG A LINE OF CONSTANT LEVEL. AS AN ALTERNATIVE TO BURYING THE SILT FENCE LOWER EDGE, THE CONTRACTOR MAY ELECT TO PLACE 200mm OF THE FABRIC ON THE GROUND UP-SLOPE OF THE FENCE AND COVER WITH 100mm MIN LAYER OF AGGREGATE.
- TO PREVENT EROSION, TOPSOIL AND SEED IMMEDIATELY AFTER COMPLETION OF BULK EARTHWORKS TO FINISHED PROFILES.
- PROVIDE TURF STRIP ADJACENT TO KERB FOR FULL LENGTH OF NEW ROAD AND TURF STRIP PLACED AT 90° TO KERB EVERY 10m FOR FULL WIDTH OF VERGE.
- PRIOR TO COMPLETION OF CONSTRUCTION OF PAVEMENT AND SEALING, PLACE SANDBAGS AT 45° TO ARREST SCOUR AGAINST KERB AND CHANNEL AS FOLLOWS:
ROAD GRADE 0.5% - 5% - 25m MAX CRS.
5% - 10% - 10m MAX CRS.
10% - 15% - 15m MAX CRS.
15% - 20% - 5m MAX CRS.
- SWEEP EXTERNAL ROADS WHERE SEDIMENT HAS BEEN DROPPED FROM CONSTRUCTION VEHICLES. DO NOT WASH SILT INTO THE STORMWATER SYSTEM.
- ALL SEDIMENT AND EROSION CONTROL STRUCTURES, TRENCHES ETC. SHALL BE REGULARLY MAINTAINED AND INSPECTED FOR EFFECTIVENESS.
- THE USE OF POTABLE WATER IS NOT PERMITTED IN SITE EARTHWORKS OPERATIONS, ROAD AND PAVEMENT CONSTRUCTION OR DUST SUPPRESSION. RECYCLED WATER IS REQUIRED TO BE USED AND IS TO BE IN ACCORDANCE WITH C.O.G.C. GUIDELINES.

FOR APPROVAL



75 BARDEN RIDGE ROAD, REEDY CREEK, QLD 4227

A1 THE SCALE SHOWN IS ORIGINAL DRAWING SCALE

REV	DATE	REVISION DETAILS	APPROVED
A	24.09.26	ORIGINAL ISSUED	JW

PROJECT
72 WILLOW ROAD, REDBANK PLAINS
OPERATIONAL WORKS

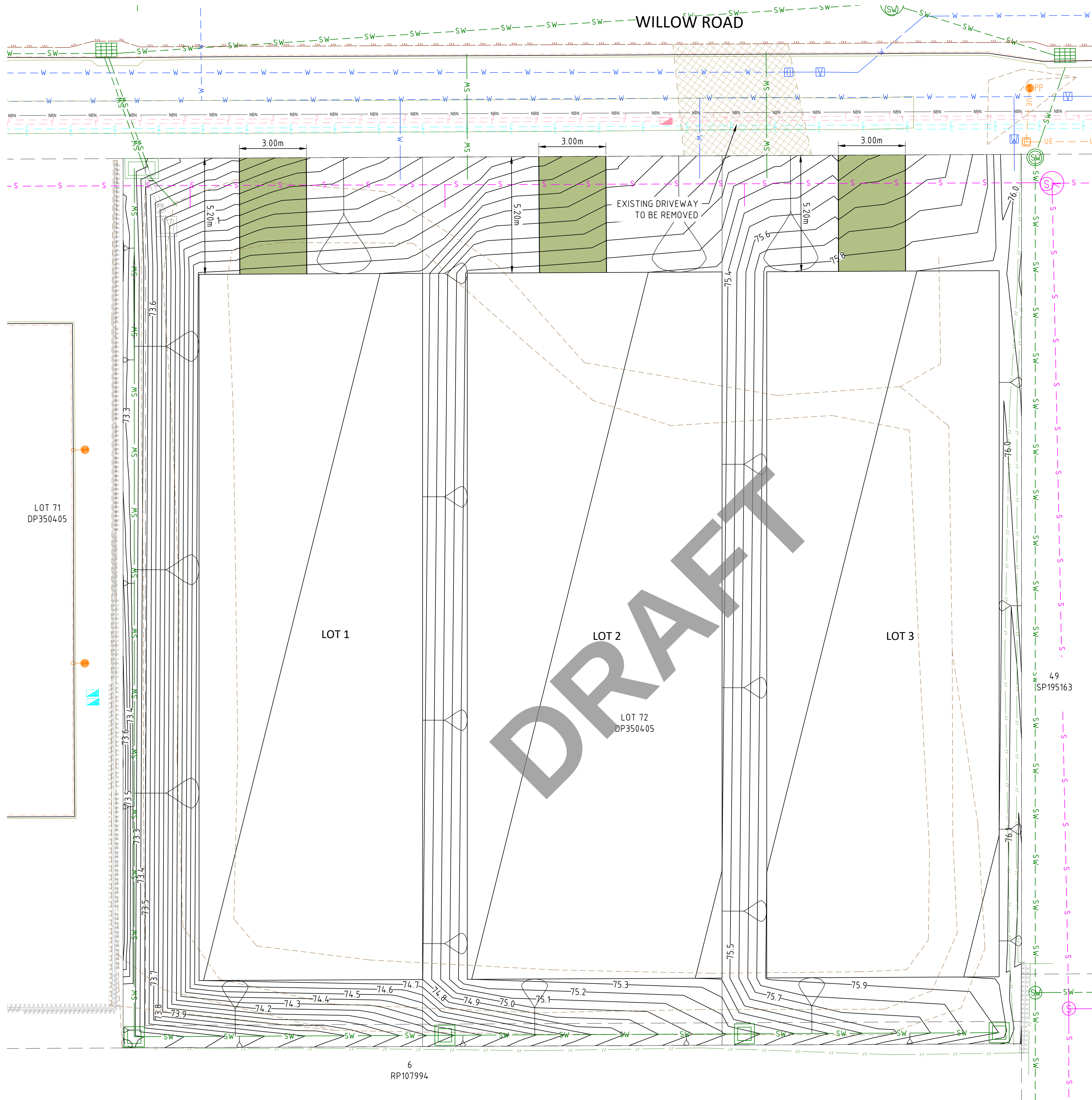
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DESIGNED	TV
CHECKED	JW
APPROVED	JW
DATE	SEP 26
GRID REF.	AHD

CLIENT
HASHTAG CUSTOM
BUILDS QLD 1
KRISH PRASAD

TITLE
EROSION AND SEDIMENT
CONTROL NOTES AND
DETAILS

DRAWING NO.
LC26070.C251

REV.
A

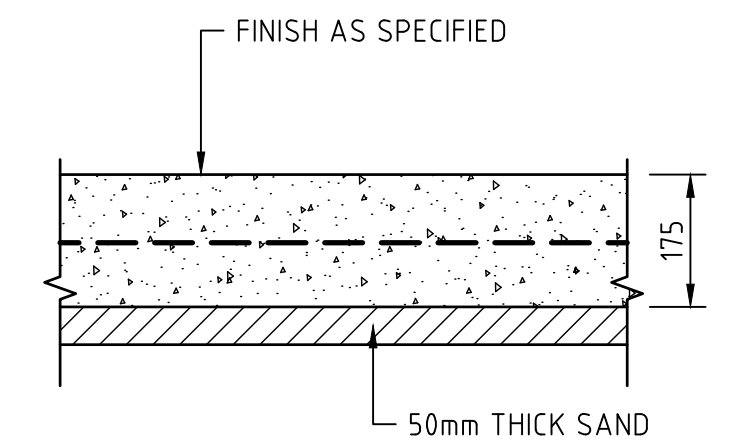


LEGEND:

- EXISTING BOUNDARY
- EXISTING BUILDING
- EXISTING KERB AND CHANNEL
- EXISTING FENCE
- EXISTING PATH
- EXISTING ELECTRICITY
- EXISTING STORMWATER PIPE
- EXISTING STORMWATER TO BE REMOVED
- EXISTING SEWER
- DESIGN CONTOUR (0.1m INTERVAL)
- PROPOSED DRIVEWAY
- PROPOSED CONCRETE DRIVEWAY
- EXISTING DRIVEWAY TO BE REMOVED
- SITE BOUNDARY
- PROPOSED BATTER

ROADWORKS NOTES:

- FOR LOCATIONS OF ELECTRICAL ROAD CROSSING CONDUITS REFER ELECTRICAL CONSULTANT'S DRAWINGS.
- THE CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING SERVICES. ANY DAMAGE TO EXISTING SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE RECTIFIED AT HIS EXPENSE.
- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH GOLD COAST STANDARD SPECIFICATIONS AND DRAWINGS.
- THE CONTRACTOR SHALL HAVE AN APPROVED SET OF CONSTRUCTION PLANS AND ALL RELEVANT CURRENT GOLD COAST & IPWEA STANDARD DRAWINGS AND SPECIFICATIONS ON SITE AT ALL TIMES DURING THE CONSTRUCTION PHASE.
- DESIGN CONTOURS SHOWN FOR FINISHED ALLOTMENTS AND ROADS.
- THE CONTRACTOR'S CONSTRUCTION TRAFFIC MANAGEMENT PLAN IS TO MAINTAIN VEHICULAR ACCESS TO ALL EXISTING ALLOTMENTS DURING THE COURSE OF THE WORKS. ANY DISRUPTIONS TO NORMAL ACCESS TO BE MINIMIZED AS MUCH AS POSSIBLE.
- ALL ROAD CENTRELINES TO BE PEGGED BY THE PRINCIPAL'S SURVEYOR.
- PROVIDE STREET SIGNS IN ACCORDANCE WITH IPWEAQ STD DWG RS-130 AND RS-131. POST TO BE LOCATED 300mm BEHIND BACK OF KERB.
- DRIVEWAY Crossover TO BE CONSTRUCTED IN ACCORDANCE WITH IPWEA DRG RS-049 & RS-050.



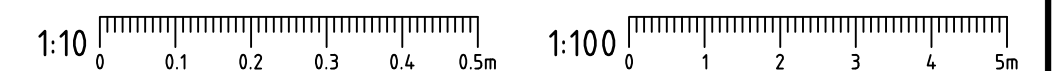
TYPICAL CONCRETE DETAIL
SCALE 1:10

WARNING!

BEWARE OF AERIAL SERVICES
OVERHEAD POWERLINES AND COMMUNICATION CABLES WITHIN WORK AREA. CONTACT SERVICE PROVIDER FOR ADVICE PRIOR TO COMMENCEMENT OF WORK.

WARNING!

BEWARE OF UNDERGROUND SERVICES
THE LOCATION OF UNDERGROUND SERVICES HAS BEEN COMPILED FROM ENGINEERING SURVEY AND INTERPOLATED FROM DIAL BEFORE YOU DIG AS PROVIDED BY THE SERVICE AUTHORITIES. NO RESPONSIBILITY IS TAKEN FOR THE ACCURACY OF THE INTERPOLATED INFORMATION SUPPLIED. ENSURE ALL SERVICES ARE ACCURATELY LOCATED PRIOR TO COMMENCEMENT OF WORK.



FOR APPROVAL

DRIVEWAY LAYOUT PLAN
SCALE 1:100



75 BARDEN RIDGE ROAD, REEDY CREEK, QLD 4227

A1 THE SCALE SHOWN IS ORIGINAL DRAWING SCALE

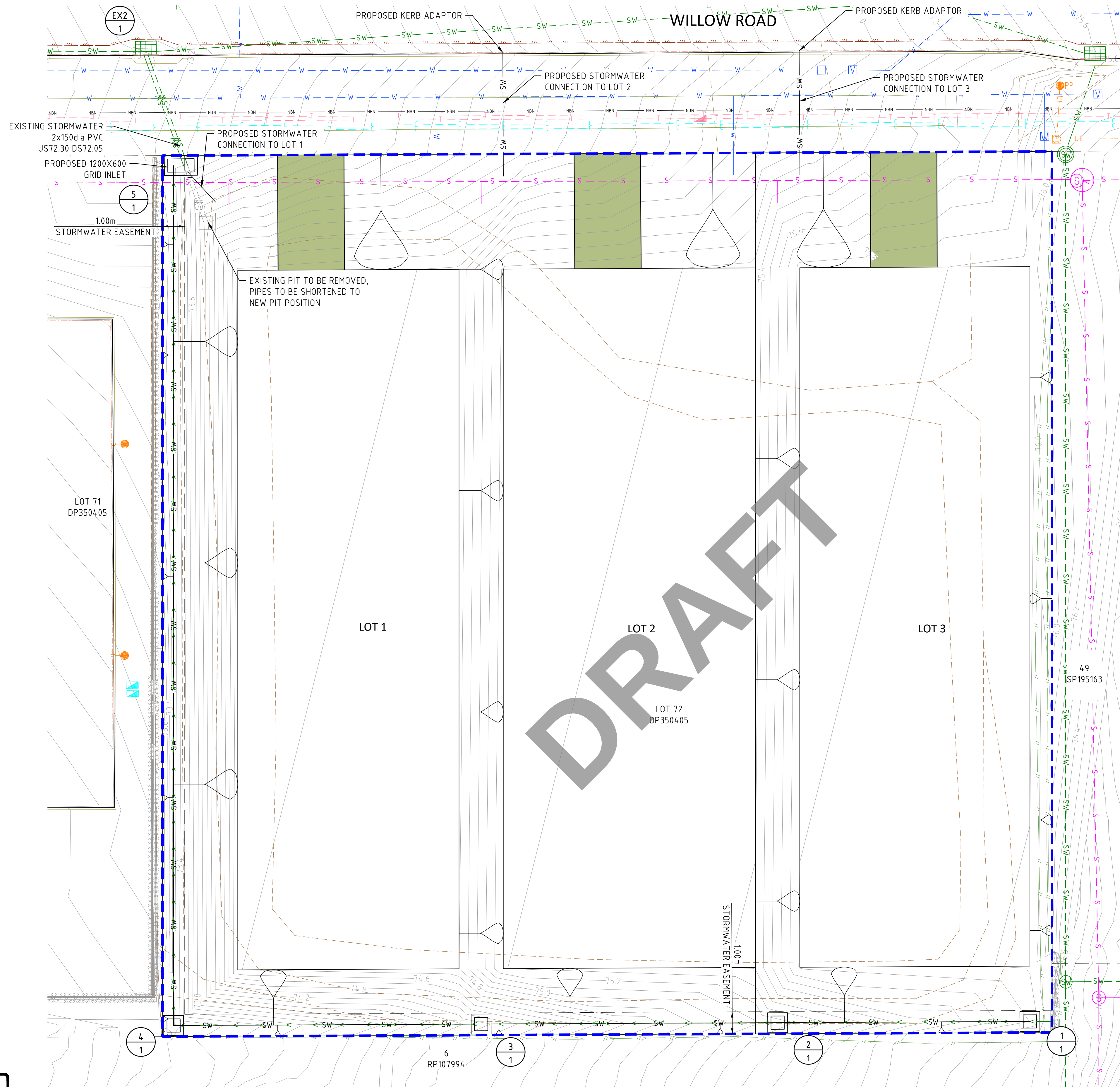
REV	DATE	REVISION DETAILS	APPROVED
A	24.09.26	ORIGINAL ISSUED	JW
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PROJECT
72 WILLOW ROAD, REDBANK PLAINS
OPERATIONAL WORKS

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DESIGNED	TV
CHECKED	JW
APPROVED	JW
DATE	SEP 26
GRID REF.	AHD

CLIENT
HASHTAG CUSTOM
BUILDS QLD 1
KRISH PRASAD

TITLE ROADWORKS LAYOUT PLAN	
DRAWING NO. LC26070.C300	REV. A



LEGEND:

	EXISTING CENTRELINE
	EXISTING KERB
	EXISTING WATER
	EXISTING SEWER
	EXISTING STORMWATER
	EXISTING STORMWATER TO BE REMOVED
	EXISTING BUILDING
	EXISTING DRIVEWAY
	EXISTING FENCE
	EXISTING TREE
	EXISTING BDY
	FINISHED CONTOUR (0.1m INTERVAL)
	PROPOSED STORMWATER MAIN
	PROPOSED WATER MAIN
	PROPOSED 600X600 GRID INLET PIT
	SITE BOUNDARY

STORMWATER DRAINAGE NOTES :

- ALL STRUCTURE LOCATIONS TO BE PEGGED BY THE PRINCIPAL'S SURVEYOR.
- ALL INTERALLOTMENT STORMWATER PITS TO BE PROVIDED WITH 150mm DIA. UPVC STUBS CLASS SN8 (1500mm LONG) FOR CONNECTION OF FUTURE ROOFWATER LINES. STUBS TO BE LOCATED CENTRAL TO SIDE WALL OF PITS AND 1000mm FROM TOP OF PIT.
- FOR LOCATIONS OF ELECTRICAL ROAD CROSSING CONDUITS REFER ELECTRICAL CONSULTANT'S DRAWINGS.
- THE CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING SERVICES. ANY DAMAGE TO EXISTING SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE RECTIFIED AT HIS EXPENSE.
- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH C.o.G.C COUNCIL STANDARDS, AND SPECIFICATIONS.
- THE CONTRACTOR SHALL HAVE AN APPROVED SET OF CONSTRUCTION PLANS AND ALL RELEVANT CURRENT IPWEAQ STANDARD DRAWINGS AND C.o.G.C STANDARD DRAWINGS AND SPECIFICATIONS ON SITE AT ALL TIMES DURING THE CONSTRUCTION PHASE.
- THE CONTRACTOR SHALL MAINTAIN 300mm MINIMUM VERTICAL CLEARANCE FROM ALL EXISTING UTILITIES WHERE CROSSINGS OCCUR UNLESS NOTED OTHERWISE.

FOR APPROVAL

STORMWATER LAYOUT PLAN

SCALE: 1:100

1:100 0 1 2 3 4 5m



75 BARDEN RIDGE ROAD, REEDY CREEK, QLD 4227

A1 THE SCALE SHOWN IS ORIGINAL DRAWING SCALE

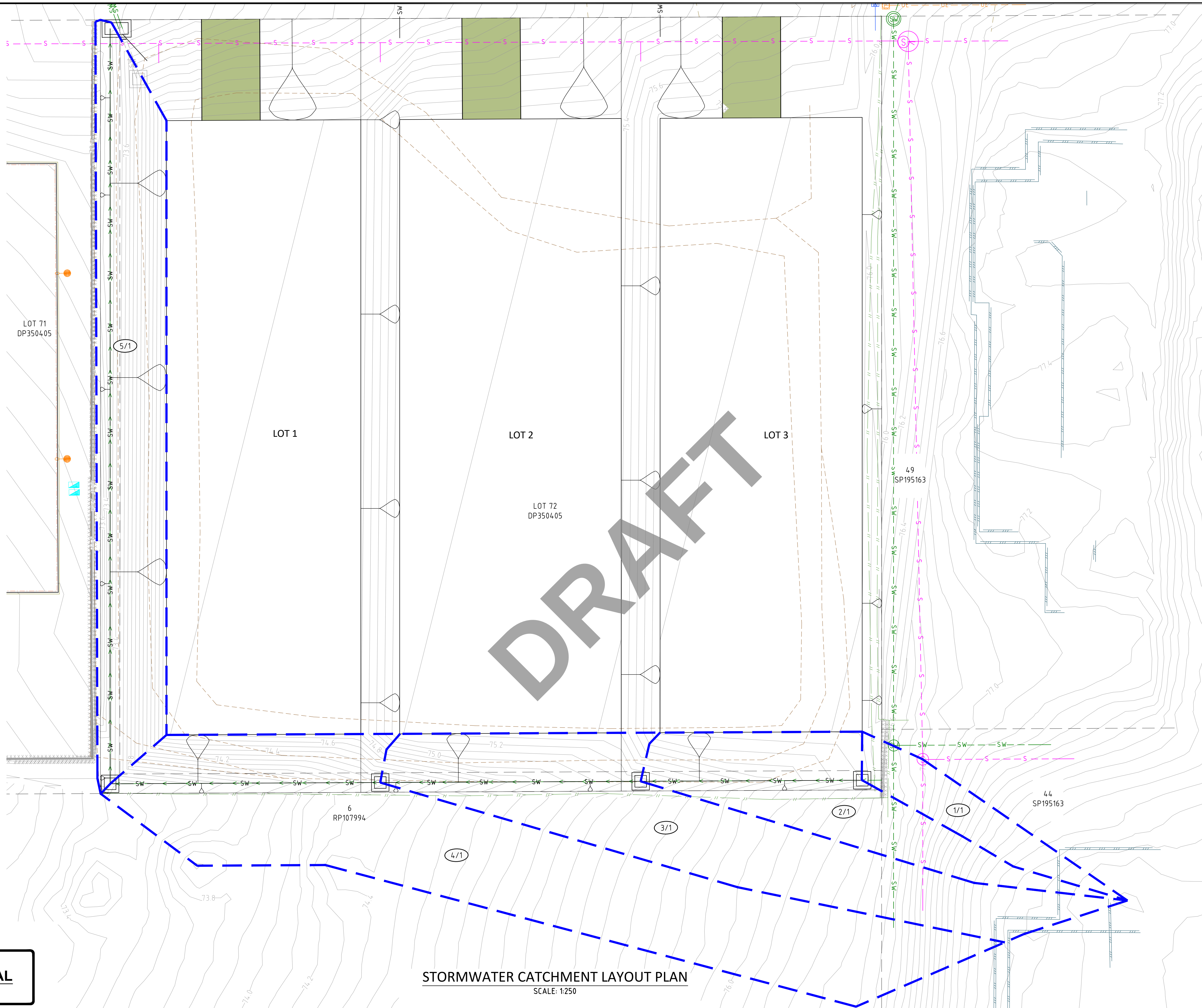
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REV	DATE	REVISION DETAILS	APPROVED

PROJECT
72 WILLOW ROAD, REDBANK PLAINS
OPERATIONAL WORKS

DRAWN	TV
DESIGNED	TV
CHECKED	JW
APPROVED	JW
DATE	SEP 26
GRID REF.	AHD

CLIENT
HASHTAG CUSTOM
BUILDS QLD 1
KRISH PRASAD

TITLE STORMWATER LAYOUT PLAN
DRAWING NO. LC26070.C400
REV. A



- LEGEND:**
- EXISTING CENTRELINE
 - EXISTING KERB
 - EXISTING WATER
 - EXISTING SEWER
 - EXISTING BUILDING
 - EXISTING DRIVEWAY
 - EXISTING FENCE
 - EXISTING TREE
 - EXISTING BDY
 - FINISHED CONTOUR (0.1m INTERVAL)
 - PROPOSED STORMWATER MAIN
 - PROPOSED WATER MAIN
 - PROPOSED 600X600 GRID INLET PIT
 - CATCHMENT BOUNDARY

CATCHMENT TABLE	
CATCHMENT NAME	CATCHMENT AREA (ha)
1/1	0.003
2/1	0.007
3/1	0.013
4/1	0.022
5/1	0.013

FOR APPROVAL

STORMWATER CATCHMENT LAYOUT PLAN
SCALE: 1:250

1:100 0 1 2 3 4 5m



75 BARDEN RIDGE ROAD, REEDY CREEK, QLD 4227

A1 THE SCALE SHOWN IS ORIGINAL DRAWING SCALE

A	24.09.26	ORIGINAL ISSUED	JW
REV	DATE	REVISION DETAILS	APPROVED

PROJECT
72 WILLOW ROAD, REDBANK PLAINS
OPERATIONAL WORKS

DRAWN	TV
DESIGNED	TV
CHECKED	JW
APPROVED	JW
DATE	SEP 26
GRID REF.	AHD

CLIENT
HASHTAG CUSTOM
BUILDS QLD 1
KRISH PRASAD

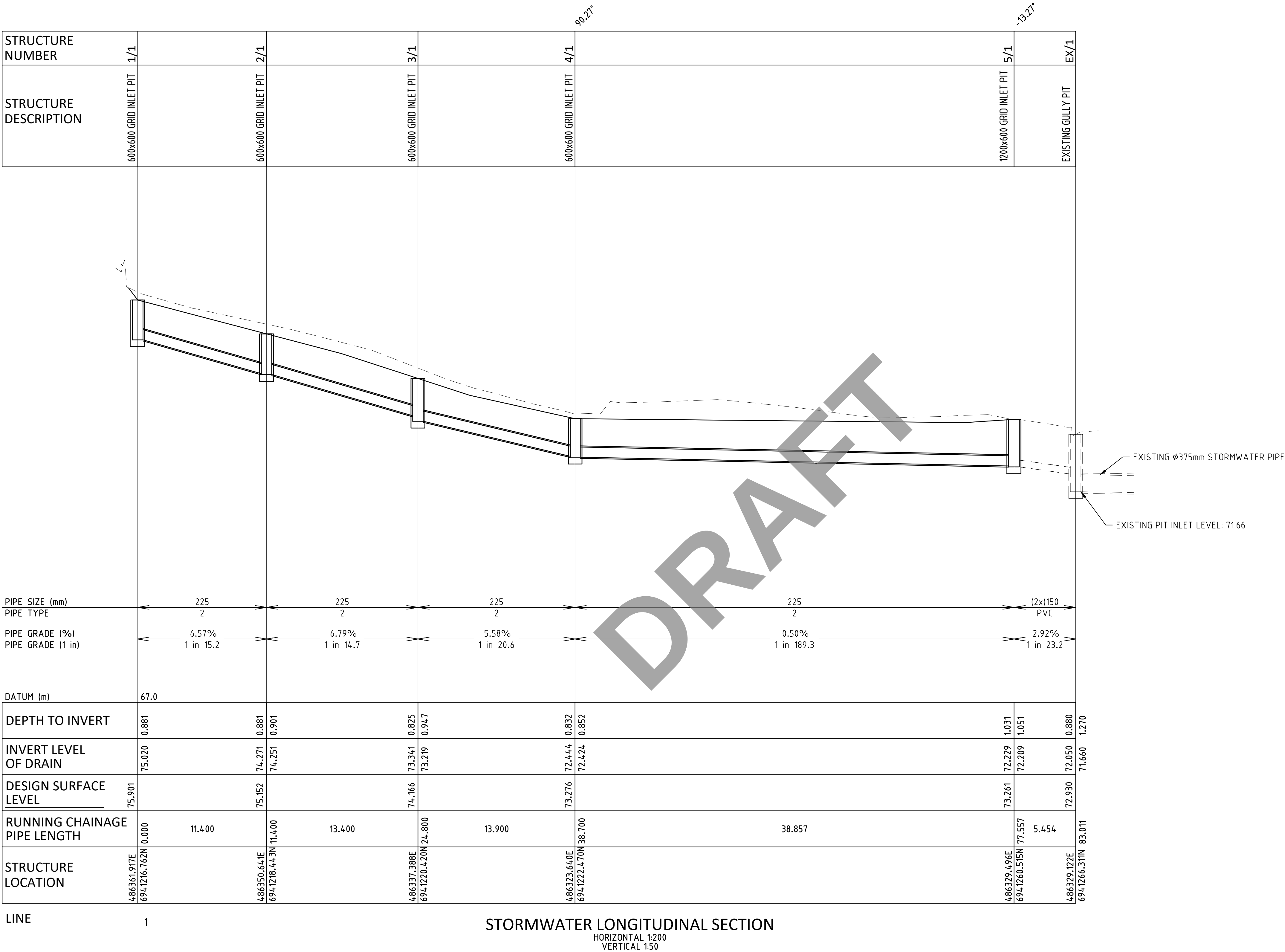
TITLE STORMWATER CATCHMENT LAYOUT PLAN	
DRAWING NO. LC26070.C401	REV. A

STORMWATER DRAINAGE NOTES :

1. FIELD INLET CONSTRUCTION TO BE IN ACCORDANCE WITH I.P.W.E.A.Q. STD DWG DS-050.
2. BEDDING TO STORMWATER LINES TO BE IN ACCORDANCE WITH I.P.W.E.A.Q. STD DS-030.
3. ALL STORMWATER PIPES UNDER ROADWAYS AND VEHICULAR TRAFFICKED PAVEMENTS ARE TO BE STEEL REINFORCED CONCRETE PIPES UNLESS NOTED OTHERWISE.
4. THE PIPE CLASSES HAVE BEEN DESIGNED FOR SERVICE LOADS ONLY. CONTRACTOR TO ASSESS PROPOSED PIPE COVER IN RELATION TO ANTICIPATED MACHINERY USED ON SITE AND UPGRADE THE PIPE CLASSES IF NECESSARY. CRACKED PIPES WILL NOT BE ACCEPTED.
5. ALL FIELD INLETS WITHIN ROADWAYS OR DRIVEWAYS TO HAVE A CLASS D TRAFFICABLE GRATE.



FIELD INLET SETOUT POINT



FOR APPROVAL



75 BARDEN RIDGE ROAD, REEDY CREEK, QLD 4227

A1 THE SCALE SHOWN IS ORIGINAL DRAWING SCALE

A	24.09.26	ORIGINAL ISSUED	JW
REV	DATE	REVISION DETAILS	APPROVED

PROJECT
72 WILLOW ROAD, REDBANK PLAINS
OPERATIONAL WORKS

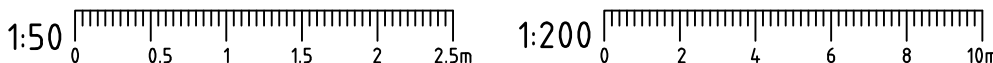
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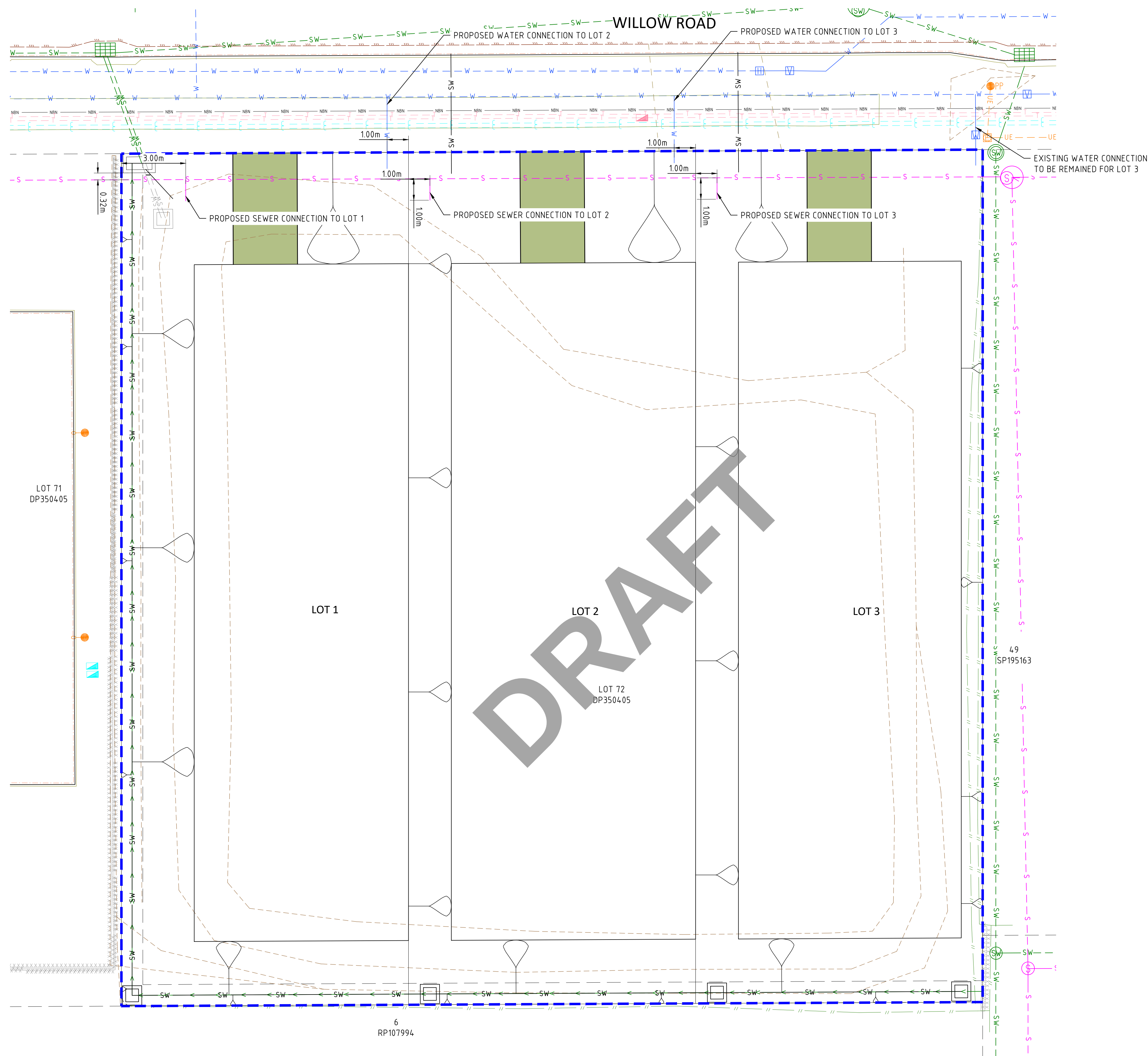
CLIENT
HASHTAG CUSTOM
BUILDS QLD 1
KRISH PRASAD

TITLE
STORMWATER
LONGITUDINAL SECTION

DRAWING NO.
LC26070.C410

REV.
A





LEGEND:

- EXISTING KERB
- EXISTING WATER
- EXISTING ELECTRICITY
- EXISTING SEWER
- EXISTING STORMWATER
- EXISTING STORMWATER TO BE REMOVED
- EXISTING BUILDING
- EXISTING DRIVEWAY
- EXISTING FENCE
- EXISTING BDY
- PROPOSED WATER CONNECTION
- PROPOSED SEWER CONNECTION
- PROPOSED STORMWATER
- PROPOSED SWALE
- SITE BOUNDARY
- PROPOSED CONCRETE DRIVEWAY

FOR APPROVAL

OVERALL SERVICES LAYOUT PLAN
SCALE: 1:100

1:100 0 1 2 3 4 5m



75 BARDEN RIDGE ROAD, REEDY CREEK, QLD 4227

A1 THE SCALE SHOWN IS ORIGINAL DRAWING SCALE

A	24.09.26	ORIGINAL ISSUED	JW
REV	DATE	REVISION DETAILS	APPROVED

PROJECT
72 WILLOW ROAD, REDBANK PLAINS
OPERATIONAL WORKS

DRAWN	TV
DESIGNED	TV
CHECKED	JW
APPROVED	JW
DATE	SEP 26
GRID REF.	AHD

CLIENT
HASHTAG CUSTOM
BUILDS QLD 1
KRISH PRASAD

TITLE OVERALL SERVICE LAYOUT PLAN	
DRAWING NO. LC26070.C700	REV. A