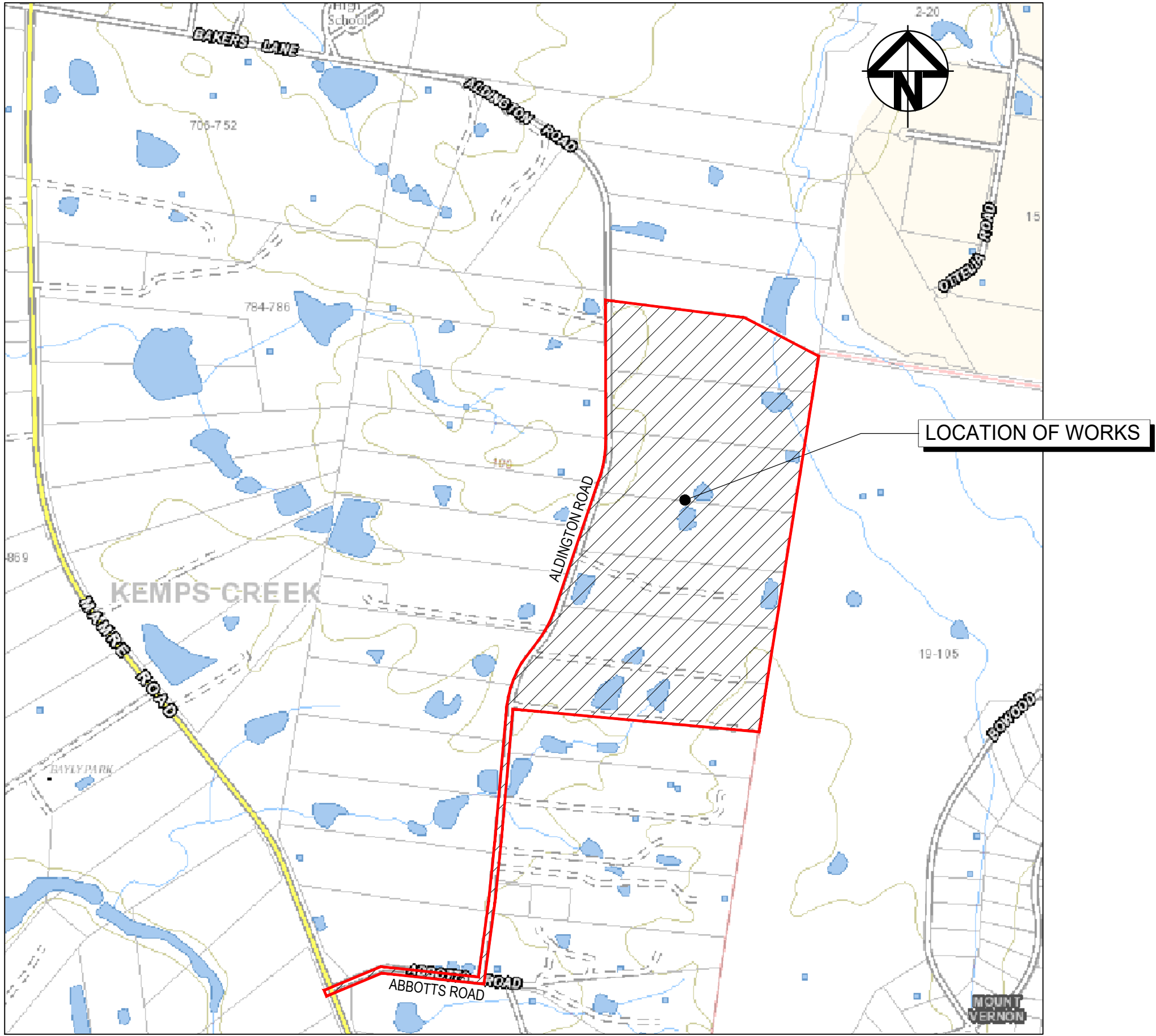


200 ALDINGTON
KEMPS CREEK
3100-SERIES LOT F
CIVIL WORKS PACKAGE
STATE SIGNIFICANT DEVELOPMENT
APPLICATION



LOCALITY PLAN
NTS

NOTE:
THIS DRAWING PACKAGE TO BE READ IN CONJUNCTION
WITH 1000 SERIES DRAWINGS AND ENGINEERING
REPORT.

- THIS DRAWING PACKAGE RELATES TO THE FOLLOWING :-
1. LOT F ONLOT BUILDING WORKS.
 2. LOT F ONLOT CIVIL WORKS.
 3. LOT F ONLOT STORMWATER WORKS.

C	ISSUED FOR SSD APPROVAL	13-04-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
Issue	Description	Date

Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
Scales	N.T.S.	Drawn MN	
		Designed GB	
		Checked AM	
Height Datum	AHD	Approved	
Grid	GDA2020		

Client 19-609-C3100.dwg



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Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON
LOT F**

Title
COVER SHEET

Drawing No. 19-609-C3100	Project No. 19-609	Issue C
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DRAWING LIST	
DRAWING No.	DRAWING TITLE
19-609-C3100	COVER SHEET
19-609-C3101	DRAWING LIST AND GENERAL NOTES
19-609-C3105	GENERAL ARRANGEMENT PLAN
19-609-C3111	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 1
19-609-C3112	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 2
19-609-C3113	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 3
19-609-C3114	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 4
19-609-C3115	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 5
19-609-C3116	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 6
19-609-C3120	PAVEMENT PLAN

SITEWORKS NOTES

- ORIGIN OF LEVELS:- REFER SURVEY NOTES.
- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES TO BE REPORTED TO AT & L.
- MAKE SMOOTH CONNECTION WITH EXISTING WORKS.
- ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
- ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1.
(OR A DENSITY INDEX OF NOT LESS THAN 75)
- PROVIDE 10mm WIDE EXPANSION JOINTS BETWEEN BUILDINGS AND ALL CONCRETE OR UNIT PAVEMENTS.
- ASPHALTIC CONCRETE SHALL CONFORM TO R.M.S SPECIFICATION R116.
- ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.M.S FORM 3051 (UNBOUND), R.M.S FORM 3052 (BOUND) COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1
FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m OF BASECOURSE MATERIAL PLACED.
- ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.M.S FORM 3051, 3051.1 AND COMPACTED TO MINIMUM 95% MODIFIED DENSITY IN ACCORDANCE WITH A.S 1289 5.2.1
FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m OF SUB-BASE COURSE MATERIAL PLACED.
- AS AN ALTERNATIVE TO THE USE OF IGNEOUS ROCK AS A SUB-BASE MATERIAL IN (9) A CERTIFIED RECYCLED CONCRETE MATERIAL COMPLYING WITH R.M.S FORM 3051 AND 3051.1 WILL BE CONSIDERED, SUBJECT TO MATERIAL SAMPLES AND APPROPRIATE CERTIFICATIONS BEING PROVIDED TO THE SATISFACTION OF AT & L.
- SHOULD THE CONTRACTOR WISH TO USE A RECYCLED PRODUCT THE CONTRACTOR IS TO SEEK ACCEPTANCE OF THE PRODUCT FROM AT&L. THE PRICE DIFFERENCE BETWEEN AN IGNEOUS PRODUCT AND A RECYCLED PRODUCT SHALL BE CLEARLY INDICATED.
- WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED BY OTHERS, (eg. ADJUSTMENT OF SERVICES), THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THESE WORKS.

SURVEY NOTES

THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY LTS LOCKLEY, BEING REGISTERED SURVEYORS. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. AT & L DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION DRAWINGS.

SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA, CONTACT AT & L.

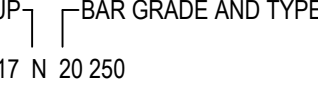

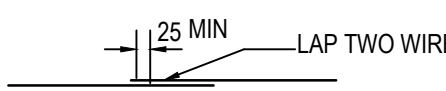
THE FOLLOWING NOTES HAVE BEEN TAKEN DIRECTLY FROM THE ORIGINAL SURVEY DOCUMENTS.

- NOTES
- THE BOUNDARIES HAVE APPROXIMATELY BEEN SURVEYED IN ACCORDANCE WITH CLAUSE 9 OF THE SURVEYING & SPATIAL INFORMATION REGULATION 2017
 - ALL AREAS AND DIMENSIONS HAVE BEEN COMPILED FROM PLANS MADE AVAILABLE BY NSW LAND REGISTRY SERVICES AND ARE SUBJECT TO FINAL SURVEY
 - ORIGIN OF COORDINATES HAS BEEN DERIVED USING GPS (GNSS) SURVEY FROM SSM33563
 - ORIGIN OF LEVELS ON A.H.D. IS TAKEN FROM SSM33562 R.L. 43.021 (A.H.D.) IN MAMRE ROAD USING GPS (GNSS) SURVEY METHODS.
 - CONTOUR INTERVAL 0.5 m
 - CONTOURS ARE INDICATIVE ONLY. ONLY SPOT LEVELS SHOULD BE USED FOR CALCULATIONS OF QUANTITIES WITH CAUTION
 - NO INVESTIGATION OF UNDERGROUND SERVICES HAS BEEN MADE. SERVICES HAVE BEEN PLOTTED FROM RELEVANT AUTHORITIES INFORMATION AND HAVE NOT BEEN SURVEYED. ALL RELEVANT AUTHORITIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION OR ON NEAR THE SITE
 - 8/47 DENOTES TREE SPREAD OF 8m, TRUNK DIAMETER OF 0.4m & APPROX HEIGHT OF 7m
 - SHOWS APPROXIMATE POSITION OF ROAD LINEMARKING AND IS INDICATIVE ONLY
 - BEARINGS SHOWN ARE MGA (MAP GRID OF AUSTRALIA) ADD APPROX. 1°00' FOR TRUE NORTH

CONCRETE NOTES

- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 CURRENT EDITION WITH AMENDMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- CONCRETE QUALITY
ALL REQUIREMENTS OF THE CURRENT ACSE CONCRETE SPECIFICATION DOCUMENT 1 SHALL APPLY TO THE FORMWORK, REINFORCEMENT AND CONCRETE UNLESS NOTED OTHERWISE.

ELEMENT	AS 3600 F _c MPa AT 28 DAYS	SPECIFIED SLUMP	NOMINAL AGG. SIZE
VEHICULAR BASE	32	60	20
KERBS, PATHS, AND PITS	25	80	20

- CEMENT TYPE SHALL BE (ACSE SPECIFICATION) TYPE SL
- PROJECT CONTROL TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS 1379.
3. NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED IN WRITING BY AT & L.
4. CLEAR CONCRETE COVER TO ALL REINFORCEMENT FOR DURABILITY SHALL BE 40mm TOP AND 70mm FOR EXTERNAL EDGES UNLESS NOTED OTHERWISE.
5. ALL REINFORCEMENT SHALL BE FIRMLY SUPPORTED ON MILD STEEL PLASTIC TIPPED CHAIRS, PLASTIC CHAIRS OR CONCRETE CHAIRS AT NOT GREATER THAN 1m CENTRES BOTH WAYS. BARS SHALL BE TIED AT ALTERNATE INTERSECTIONS.
6. THE FINISHED CONCRETE SHALL BE A DENSE HOMOGENEOUS MASS, COMPLETELY FILLING THE FORMWORK, THOROUGHLY EMBEDDING THE REINFORCEMENT AND FREE OF STONE POCKETS. ALL CONCRETE INCLUDING SLABS ON GROUND AND FOOTINGS SHALL BE COMPACTED AND CURED IN ACCORDANCE WITH R.M.S SPECIFICATION R83.
7. REINFORCEMENT SYMBOLS:
N DENOTES GRADE 450 N BARS TO AS 1302 GRADE N
R DENOTES 230 R HOT ROLLED PLAIN BARS TO AS 1302
SL DENOTES HARD-DRAWN WIRE REINFORCING FABRIC TO AS 1304
- NUMBER OF BARS IN GROUP  BAR GRADE AND TYPE
17 N 20 250
- NOMINAL BAR SIZE IN mm  SPACING IN mm
- THE FIGURE FOLLOWING THE FABRIC SYMBOL, SL IS THE REFERENCE NUMBER FOR FABRIC TO AS 1304.
8. FABRIC SHALL BE LAPPED IN ACCORDANCE WITH THE FOLLOWING DETAIL:
- 

KERBING NOTES

- ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 28MPa U.N.O IN REINFORCED CONCRETE NOTES.
 - ALL KERBS, GUTTERS, DISH DRAINS AND CROSSINGS TO BE CONSTRUCTED ON MIN. 100mm GRANULAR BASECOURSE COMPACTED TO MINIMUM 95% MODIFIED DRY DENSITY (AS 1289 5.2.1).
 - EXPANSION JOINTS (E.J.) TO BE FORMED FROM 10mm COMPRESSIBLE CORK FILLER BOARD FOR THE FULL DEPTH OF THE SECTION AND CUT TO PROFILE. EXPANSION JOINTS TO BE LOCATED AT DRAINAGE PITS, ON TANGENT POINTS OF CURVES AND ELSEWHERE AT MAX 12m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE EXPANSION JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
 - WEAKENED PLANE JOINTS TO BE MIN 3mm WIDE AND LOCATED AT 3m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE WEAKENED PLANE JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
 - BROOMED FINISH TO ALL RAMPED AND VEHICULAR CROSSINGS. ALL OTHER KERBING OR DISH DRAINS TO BE STEEL FLOAT FINISHED.
 - IN THE REPLACEMENT OF KERB AND GUTTER :-
EXISTING ROAD PAVEMENT IS TO BE SAWCUT 900mm U.N.O FROM THE LIP OF GUTTER. UPON COMPLETION OF THE NEW KERB AND GUTTER NEW BASECOURSE AND SURFACE TO BE LAID 900mm WIDE U.N.O.
- EXISTING ALLOTMENT DRAINAGE PIPES ARE TO BE BUILT INTO THE NEW KERB AND GUTTER WITH 100mm DIA HOLE.
- EXISTING KERB AND GUTTER IS TO BE COMPLETELY REMOVED WHERE NEW KERB AND GUTTER IS SHOWN.

EXISTING UNDERGROUND SERVICES NOTES

THE LOCATIONS OF UNDERGROUND SERVICES SHOWN IN THIS SET OF DRAWINGS HAVE BEEN PLOTTED FROM SURVEY INFORMATION AND SERVICE AUTHORITY INFORMATION. THE SERVICE INFORMATION HAS BEEN PREPARED ONLY TO SHOW THE APPROXIMATE POSITIONS OF ANY KNOWN SERVICES AND MAY NOT BE AS CONSTRUCTED OR ACCURATE.

AT & L CAN NOT GUARANTEE THAT THE SERVICES INFORMATION SHOWN ON THESE DRAWINGS ACCURATELY INDICATES THE PRESENCE OR ABSENCE OF SERVICES OR THEIR LOCATION AND WILL ACCEPT NO LIABILITY FOR INACCURACIES IN THE SERVICES INFORMATION SHOWN FROM ANY CAUSE WHATSOEVER.

CONTRACTORS SHALL TAKE DUE CARE WHEN EXCAVATING ONSITE INCLUDING HAND EXCAVATION WHERE NECESSARY.

CONTRACTORS ARE TO CONTACT THE RELEVANT SERVICE AUTHORITY PRIOR TO COMMENCEMENT OF EXCAVATION WORKS.

CONTRACTORS ARE TO UNDERTAKE A SERVICES SEARCH, PRIOR TO COMMENCEMENT OF WORKS ON SITE. SEARCH RESULTS ARE TO BE KEPT ON SITE AT ALL TIMES.

STORMWATER DRAINAGE NOTES

- STORMWATER DESIGN CRITERIA:
(A) AVERAGE RECURRENCE INTERVAL:
1:100 YEARS MAJOR STORM (OVERLAND FLOW)
1:20 YEARS MINOR STORM (PIPED NETWORK)
(B) RAINFALL INTENSITIES:
TIME OF CONCENTRATION 5 MINUTES
1:100 YEARS= 219 mm/hr
1:20 YEARS= 167 mm/hr
(C) RUNOFF COEFFICIENTS:
ROOF AREAS: C 100 =1.0
EXTERNAL PAVEMENTS: C 100 =1.0
- PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '3' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS. U.N.O.
- PIPES UP TO 300 DIA SHALL BE SEWER GRADE uPVC WITH SOLVENT WELDED JOINTS.
- EQUIVALENT STRENGTH VCP OR FRC PIPES MAY BE USED, SUBJECT TO THE APPROVAL OF PENRITH CITY COUNCIL.
- ALL STORMWATER DRAINAGE LINES UNDER PROPOSED BUILDING SLABS TO BE uPVC PRESSURE PIPE GRADE 6. ENSURE ALL VERTICALS AND DOWNPIPES ARE uPVC PRESSURE PIPE, GRADE 6 FOR A MIN OF 3.0m IN HEIGHT.
- PIPES TO BE INSTALLED TO TYPE HS1 SUPPORT IN ACCORDANCE WITH AS 3725 (2007) IN ALL CASES BACKFILL TRENCH WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75)
- ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS 3500 3.1 (1998) AND AS/NZS 3500 3.2 (1998).
- PRECAST PITS MAY BE USED EXTERNAL TO THE BUILDING SUBJECT TO APPROVAL BY AT & L.
- ENLARGERS, CONNECTIONS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA.
- WHERE SUBSOIL DRAINS PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED uPVC SEWER GRADE PIPE IS TO BE USED.
- CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
- GRATES AND COVERS SHALL CONFORM TO AS 3996.
- AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.
- ALL EXISTING STORMWATER DRAINAGE LINES AND PITS THAT ARE TO REMAIN ARE TO BE INSPECTED AND CLEANED, DURING THIS PROCESS ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WARRANTS REPAIR SHALL BE REPORTED TO THE SUPERINTENDENT/ENGINEER FOR FURTHER DIRECTIONS.

FINISHED SURFACE LEVELS

- ALL FINISHED SURFACE LEVELS ARE ±2000mm U.N.O.

EROSION AND SEDIMENT CONTROL NOTES

REFER TO EMM ESCP

STORMWATER AND RAINWATER HARVESTING SYSTEM

- ALL INET PITS TO CONTAIN FILTER BASKET (SPEL STORMSACK OR SIMILAR)
- MODULAR TANK LOCATED UNDER CARPARK (ENVIROMODULE FROM AUSDRAIN OR SIMILAR)
- ALL TANK WATER WILL BE FILTERED PRIOR TO REUSE THROUGH A TWO CHAMBER SPEL PURCEPTOR (OR SIMILAR) WHICH HAS TREATABLE FLOW RATES UP TO 200L/s



CONTRACTOR SHALL CALL:
DIAL BEFORE
YOU DIG 1100
PRIOR TO COMMENCEMENT OF WORK
TO OBTAIN ALL CURRENT SERVICE
AUTHORITY PLANS

Status **FOR APPROVAL**
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	N.T.S.	Drawn MN	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C3101.dwg



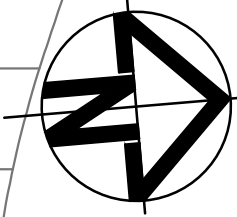
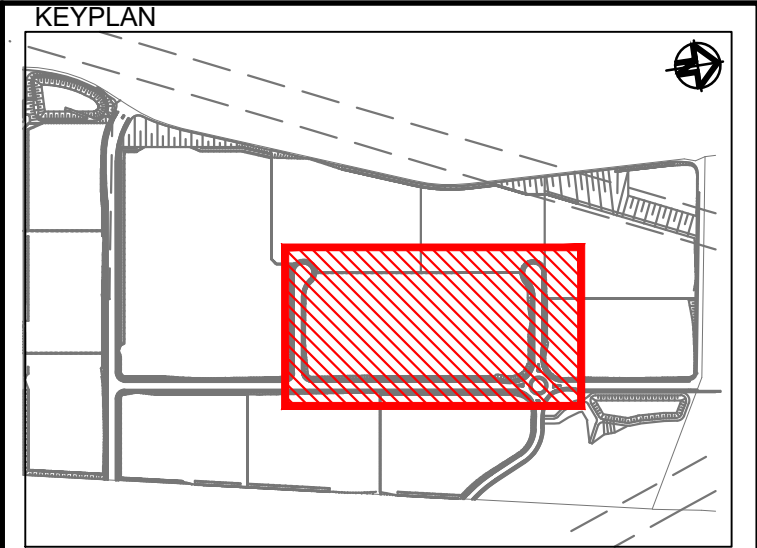
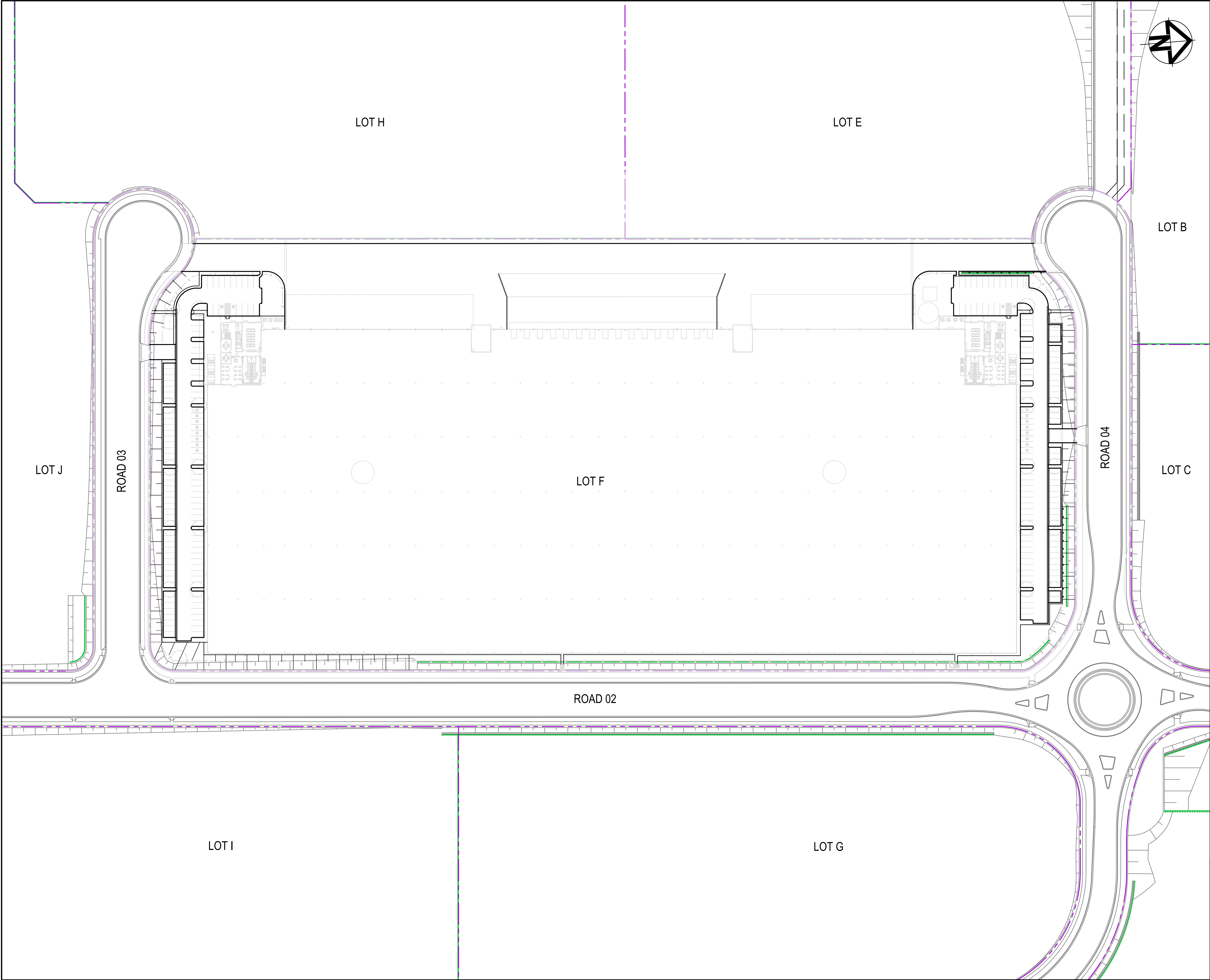
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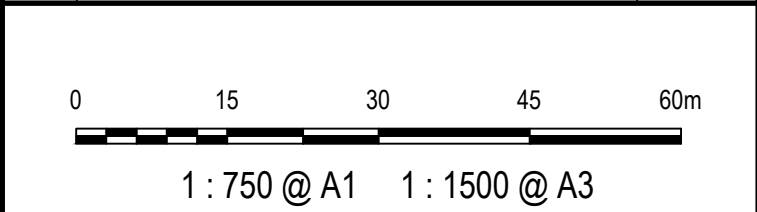
Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON
LOT F**

Title
**DRAWING LIST
AND
GENERAL NOTES**

Drawing No.	Project No.	Issue
19-609-C3101	19-609	C



C	ISSUED FOR SSD APPROVAL	13-04-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
Issue	Description	Date



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
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		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C3105.dwg

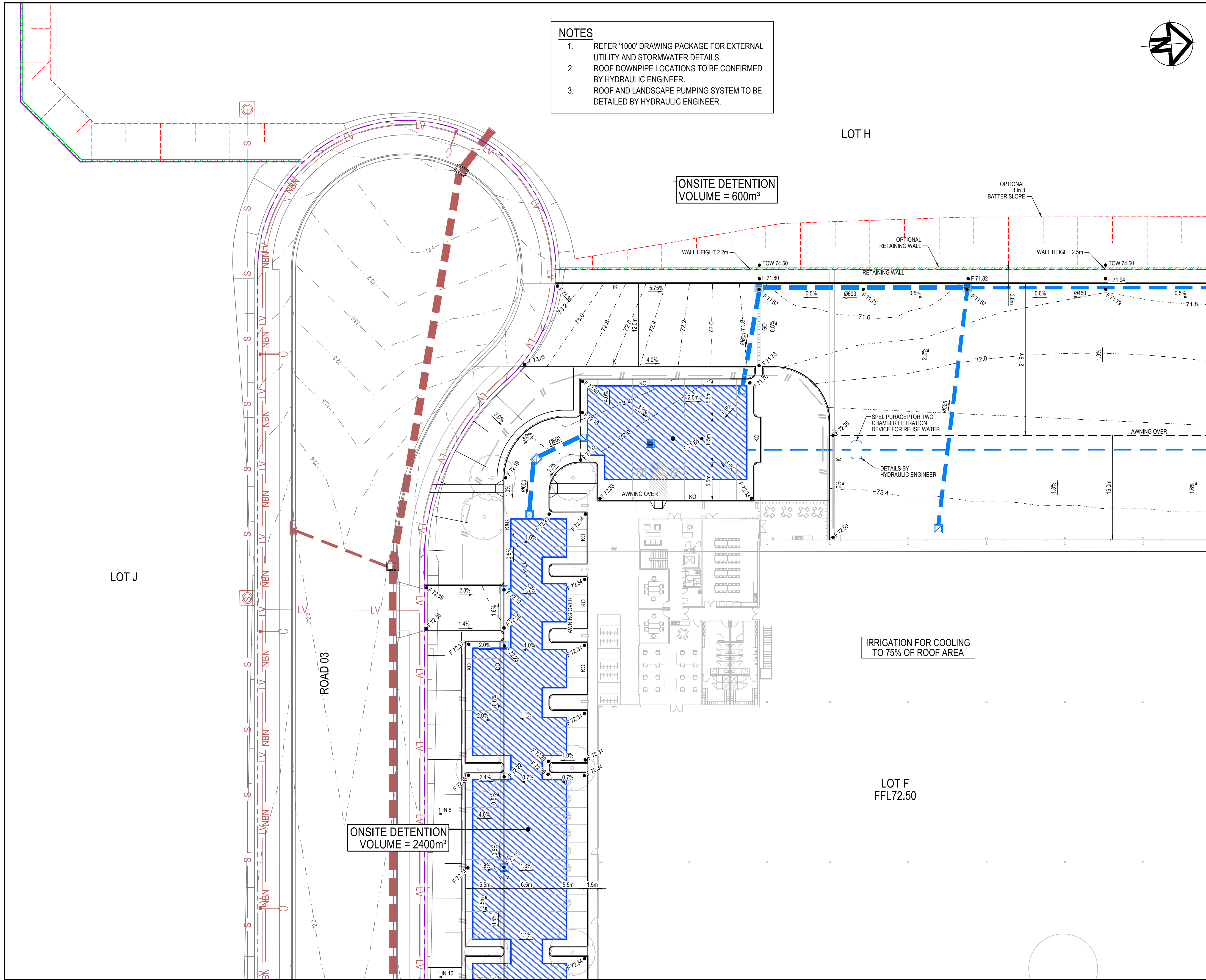


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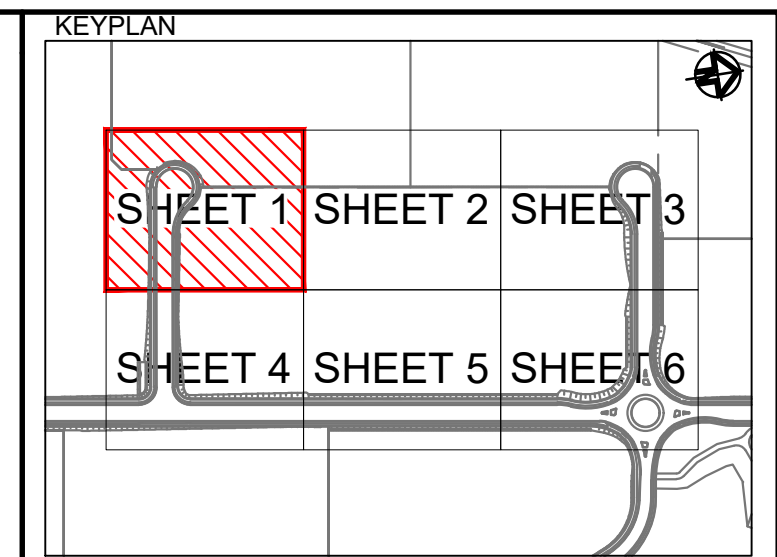
Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON
LOT F**

Title
**GENERAL ARRANGEMENT
PLAN**

Drawing No. 19-609-C3105	Project No. 19-609	Issue C
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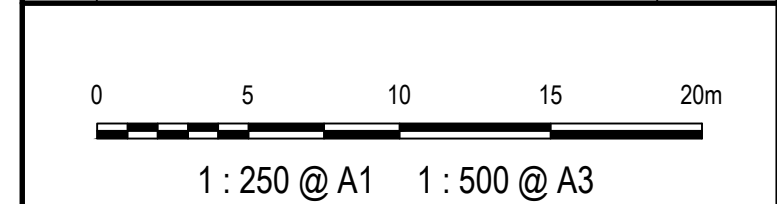
- NOTES**
1. REFER '1000' DRAWING PACKAGE FOR EXTERNAL UTILITY AND STORMWATER DETAILS.
 2. ROOF DOWNPIPE LOCATIONS TO BE CONFIRMED BY HYDRAULIC ENGINEER.
 3. ROOF AND LANDSCAPE PUMPING SYSTEM TO BE DETAILED BY HYDRAULIC ENGINEER.



LEGEND

	EXISTING BOUNDARY
	PROPOSED BOUNDARY
	PROPOSED CONTOUR
	KERB AND GUTTER
	KERB ONLY
	INTEGRAL KERB
	DISH DRAIN
	FINISHED SURFACE LEVEL
	STORMWATER PIPE WITH SIZE
	STORMWATER OVERLAND FLOWPATH
	UNDERGROUND MODULAR TANK
	STORMWATER GRATED DRAIN
	KERB INLET PIT
	SPEL STORMSACK OR SIMILAR INLET PIT
	JUNCTION PIT
	EXISTING STORMWATER PIPE
	EXISTING SEWER MAIN
	EXISTING WATER MAIN
	EXISTING NBN
	EXISTING ELECTRICAL

Issue	Description	Date
C	ISSUED FOR SSD APPROVAL	13-04-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20



Status	FOR APPROVAL	
	NOT TO BE USED FOR CONSTRUCTION	
Scales	1 : 250	Drawn MN
		Designed GB
Height Datum	AHD	Checked AM
Grid	GDA2020	Approved

Client 19-609-C3111.dwg

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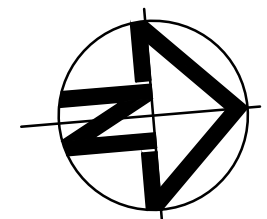
Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON
LOT F**

Title
**SITEWORKS AND STORMWATER DRAINAGE
PLAN
SHEET 1**

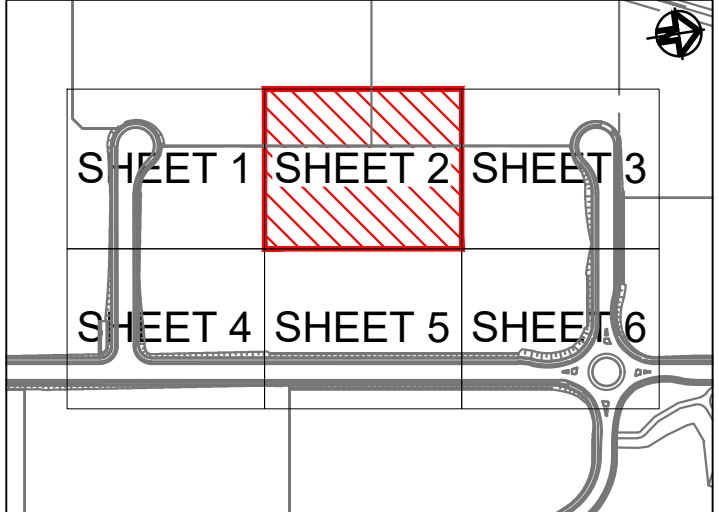
Drawing No.	Project No.	Issue
19-609-C3111	19-609	C

NOTES

1. REFER '1000' DRAWING PACKAGE FOR EXTERNAL UTILITY AND STORMWATER DETAILS.
2. ROOF DOWNPIPE LOCATIONS TO BE CONFIRMED BY HYDRAULIC ENGINEER.
3. ROOF AND LANDSCAPE PUMPING SYSTEM TO BE DETAILED BY HYDRAULIC ENGINEER.



KEYPLAN

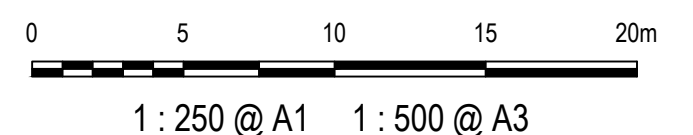


LEGEND

	EXISTING BOUNDARY
	PROPOSED BOUNDARY
	PROPOSED CONTOUR
	KERB AND GUTTER
	KERB ONLY
	INTEGRAL KERB
	DISH DRAIN
	FINISHED SURFACE LEVEL
	STORMWATER PIPE WITH SIZE
	STORMWATER OVERLAND FLOWPATH
	UNDERGROUND MODULAR TANK
	STORMWATER GRATED DRAIN
	KERB INLET PIT
	SPEL STORMSACK OR SIMILAR INLET PIT
	JUNCTION PIT
	EXISTING STORMWATER PIPE
	EXISTING SEWER MAIN
	EXISTING WATER MAIN
	EXISTING NBN
	EXISTING ELECTRICAL

C	ISSUED FOR SSD APPROVAL	13-04-22
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A	ISSUED FOR SSD APPROVAL	30-09-20

Issue	Description	Date
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Status	FOR APPROVAL	A1
NOT TO BE USED FOR CONSTRUCTION		

Scales	1 : 250	Drawn	MN
		Designed	GB
		Checked	AM
Height Datum	AHD	Approved	
Grid	GDA2020		

Client 19-609-C3112.dwg



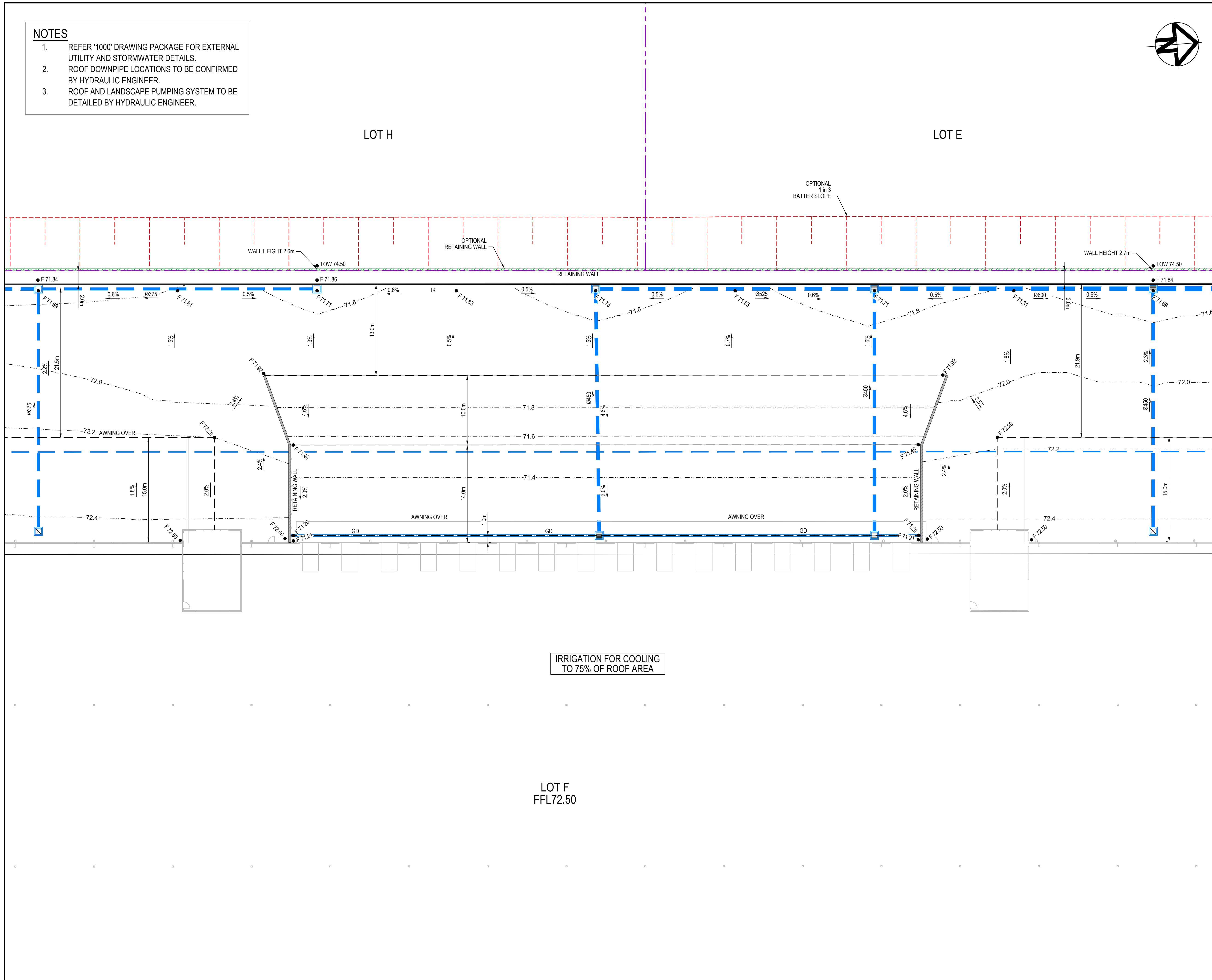
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Project
PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON
LOT F

Title
SITEWORKS AND STORMWATER DRAINAGE PLAN
SHEET 2

Drawing No.	Project No.	Issue
19-609-C3112	19-609	C



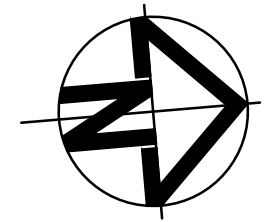
NOTES

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2. ROOF DOWNPIPE LOCATIONS TO BE CONFIRMED BY HYDRAULIC ENGINEER.
3. ROOF AND LANDSCAPE PUMPING SYSTEM TO BE DETAILED BY HYDRAULIC ENGINEER.

LOT E

ONSITE DETENTION
VOLUME = 600m³

LOT B

ONSITE DETENTION
VOLUME = 2400m³IRRIGATION FOR COOLING
TO 75% OF ROOF AREALOT F
FFL72.50

KEYPLAN

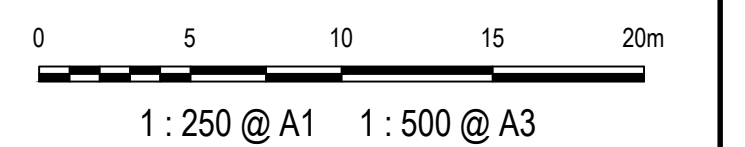
SHEET 1 SHEET 2 SHEET 3
SHEET 4 SHEET 5 SHEET 6

LEGEND

	EXISTING BOUNDARY
	PROPOSED BOUNDARY
	PROPOSED CONTOUR
	K&G
	KO
	IK
	DD
	DISH DRAIN
	FINISHED SURFACE LEVEL
	STORMWATER PIPE WITH SIZE
	STORMWATER OVERLAND FLOWPATH
	UNDERGROUND MODULAR TANK
	STORMWATER GRATED DRAIN
	K&G INLET PIT
	SPEL STORMSACK OR SIMILAR INLET PIT
	JUNCTION PIT
	EXISTING STORMWATER PIPE
	EXISTING SEWER MAIN
	EXISTING WATER MAIN
	EXISTING NBN
	EXISTING ELECTRICAL

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A	ISSUED FOR SSD APPROVAL	30-09-20

Issue	Description	Date
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Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
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Scales	1 : 250	Drawn MN	
		Designed GB	

Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client	19-609-C3113.dwg
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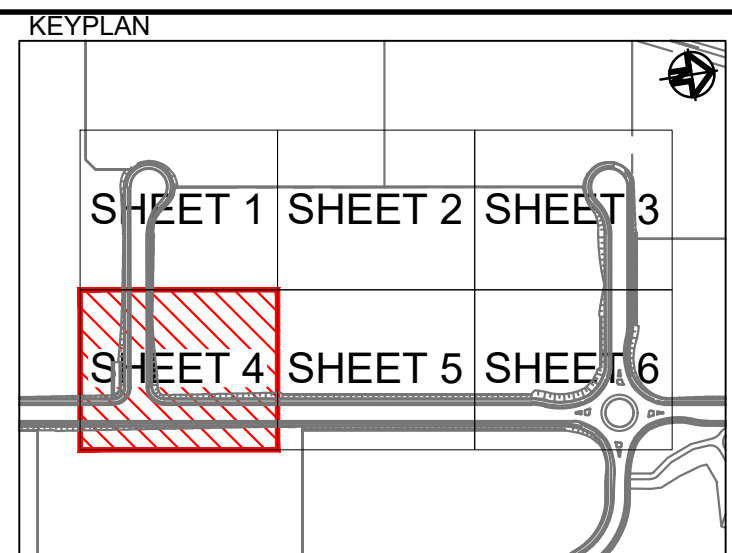
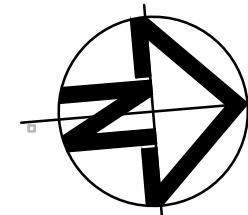
Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON
LOT F**

Title
**SITEWORKS AND
STORMWATER DRAINAGE
PLAN
SHEET 3**

Drawing No.	Project No.	Issue
19-609-C3113	19-609	C

NOTES

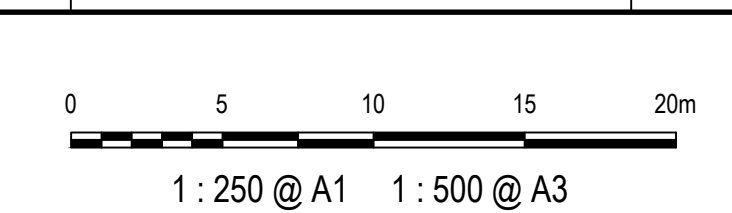
1. REFER '1000' DRAWING PACKAGE FOR EXTERNAL UTILITY AND STORMWATER DETAILS.
2. ROOF DOWNPIPE LOCATIONS TO BE CONFIRMED BY HYDRAULIC ENGINEER.
3. ROOF AND LANDSCAPE PUMPING SYSTEM TO BE DETAILED BY HYDRAULIC ENGINEER.



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- 72.0 PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- IK INTEGRAL KERB
- DD DISH DRAIN
- FINISHED SURFACE LEVEL
- STORMWATER PIPE WITH SIZE
- STORMWATER OVERLAND FLOWPATH
- UNDERGROUND MODULAR TANK
- STORMWATER GRATED DRAIN
- KERB INLET PIT
- SPEL STORMSACK OR SIMILAR INLET PIT
- JUNCTION PIT
- EXISTING STORMWATER PIPE
- EXISTING SEWER MAIN
- EXISTING WATER MAIN
- EXISTING NBN
- EXISTING ELECTRICAL

Issue	Description	Date
C	ISSUED FOR SSD APPROVAL	13-04-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20



Status **FOR APPROVAL**
NOT TO BE USED FOR CONSTRUCTION **A1**

Scales	1 : 250	Drawn MN	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C3114.dwg



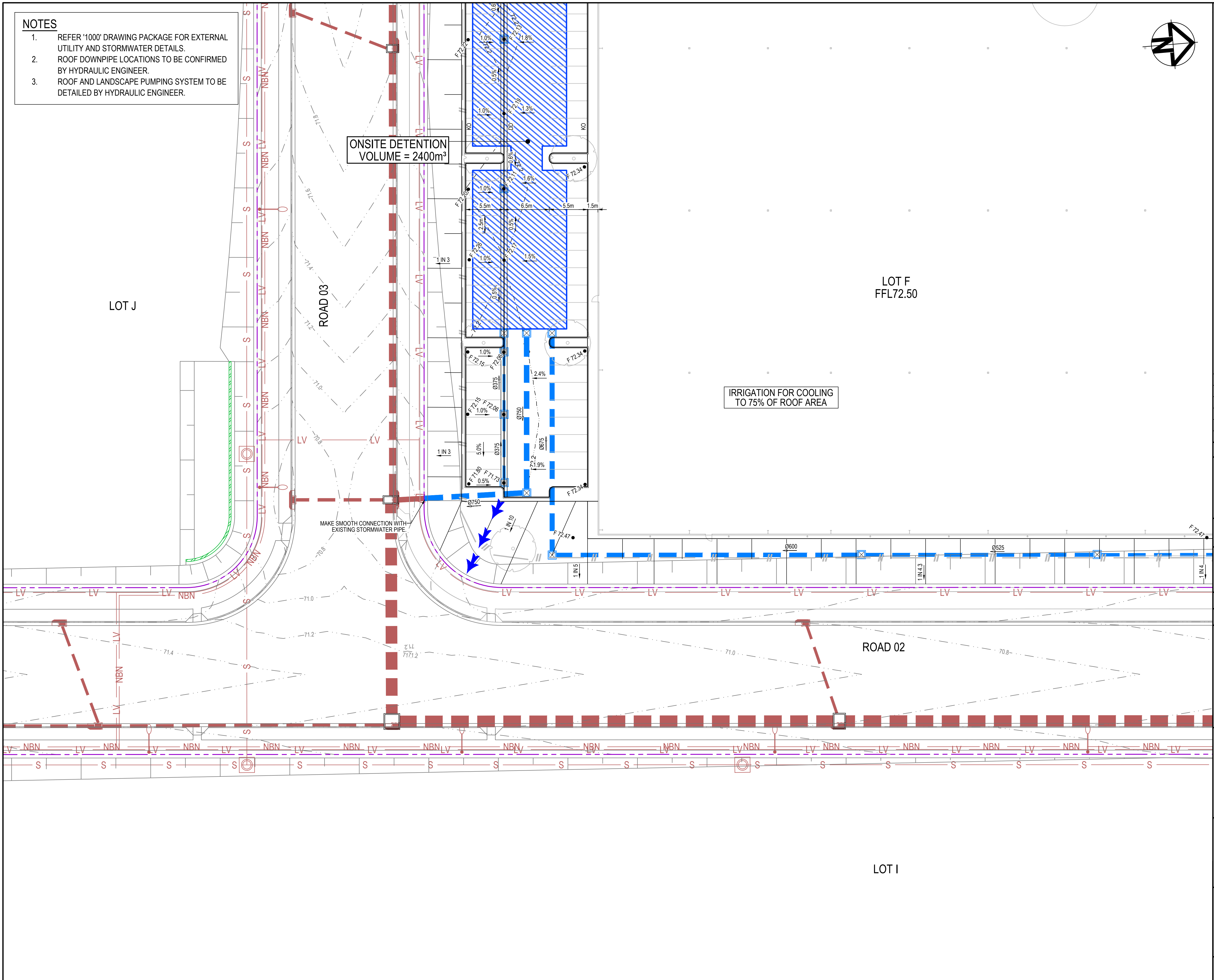
Civil Engineers and Project Managers

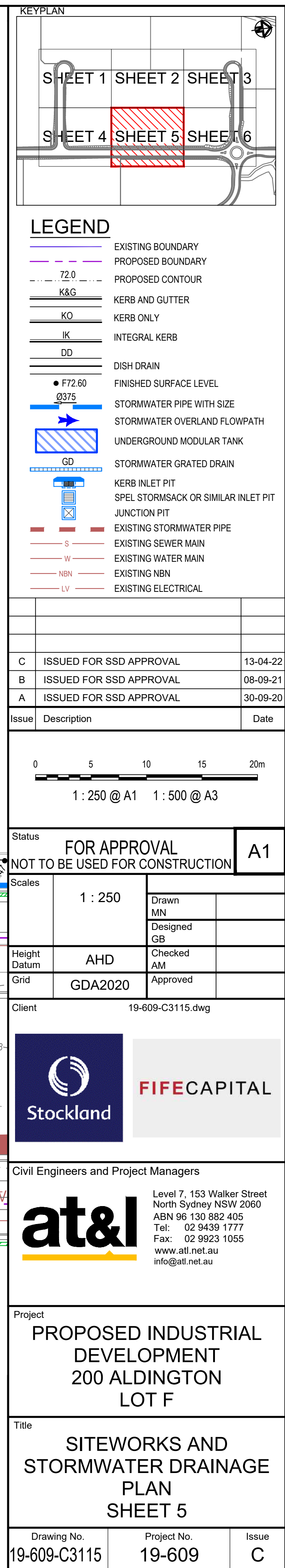


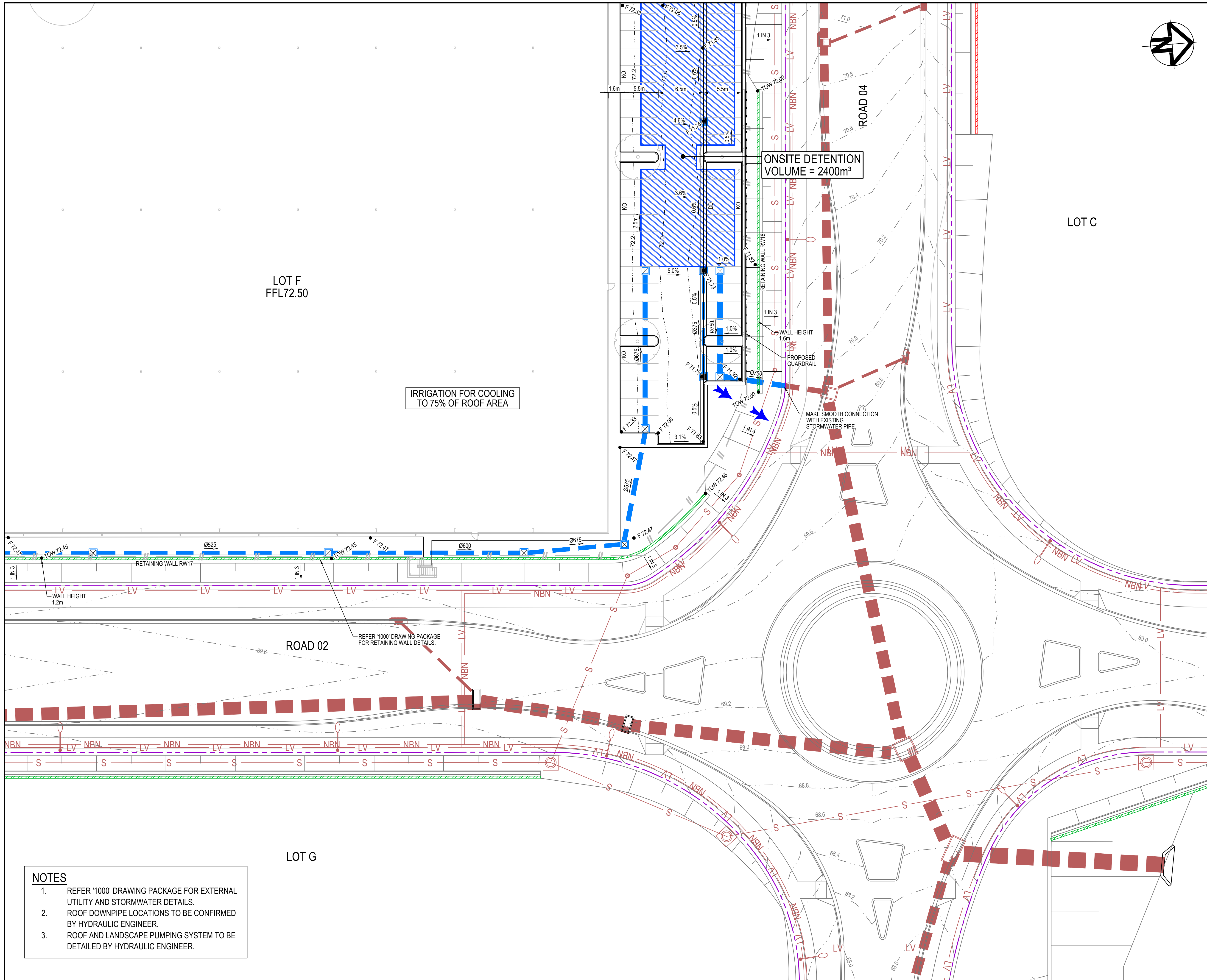
Project **PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON
LOT F**

Title **SITEWORKS AND
STORMWATER DRAINAGE
PLAN
SHEET 4**

Drawing No.	Project No.	Issue
19-609-C3114	19-609	C







- NOTES**
1. REFER '1000' DRAWING PACKAGE FOR EXTERNAL UTILITY AND STORMWATER DETAILS.
 2. ROOF DOWNPIPE LOCATIONS TO BE CONFIRMED BY HYDRAULIC ENGINEER.
 3. ROOF AND LANDSCAPE PUMPING SYSTEM TO BE DETAILED BY HYDRAULIC ENGINEER.

KEYPLAN

LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- 72.0 PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- IK INTEGRAL KERB
- DD DISH DRAIN
- FINISHED SURFACE LEVEL
- STORMWATER PIPE WITH SIZE
- STORMWATER OVERLAND FLOWPATH
- UNDERGROUND MODULAR TANK
- STORMWATER GRATED DRAIN
- KERB INLET PIT
- SPEL STORMSACK OR SIMILAR INLET PIT
- JUNCTION PIT
- EXISTING STORMWATER PIPE
- EXISTING SEWER MAIN
- EXISTING WATER MAIN
- EXISTING NBN
- EXISTING ELECTRICAL

C	ISSUED FOR SSD APPROVAL	13-04-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20

Issue	Description	Date

0 5 10 15 20m

1 : 250 @ A1 1 : 500 @ A3

Status	FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION			
Scales	1 : 250	Drawn MN	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C3116.dwg

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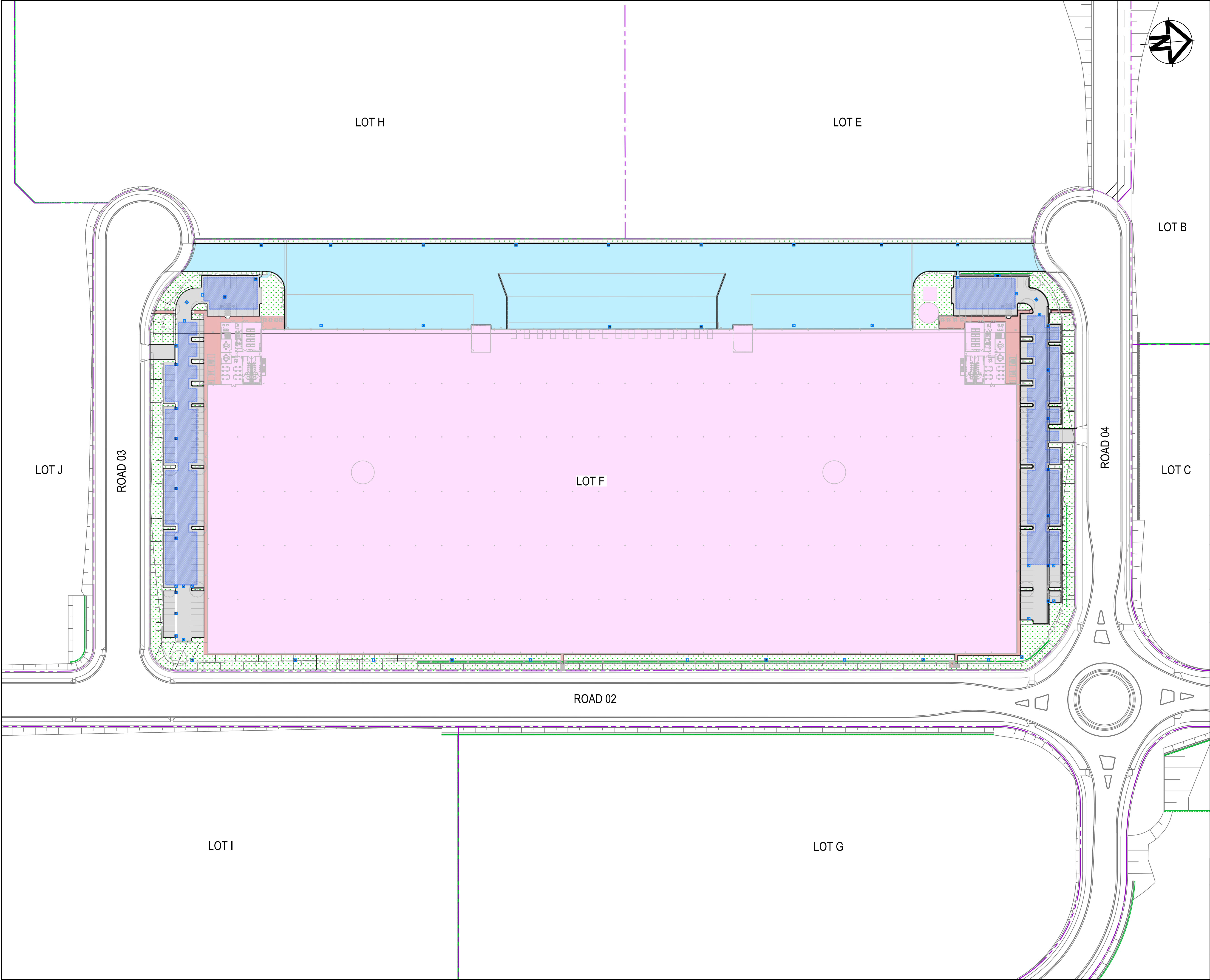
Project

**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON
LOT F**

Title

**SITEWORKS AND STORMWATER DRAINAGE
PLAN
SHEET 6**

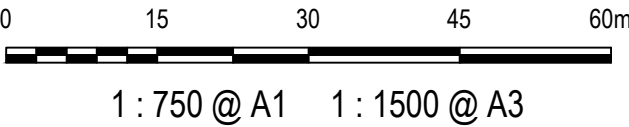
Drawing No.	Project No.	Issue
19-609-C3116	19-609	C



LEGEND

- HEAVY DUTY HARDSTAND
LIGHT COLOURED SURFACE
TO BE CONFIRMED AT DETAILED DESIGN
- LIGHT DUTY CAR PARK
LIGHT COLOURED SURFACE
TO BE CONFIRMED AT DETAILED DESIGN
- UNDERGROUND MODULAR TANK
TO BE CONFIRMED AT DETAILED DESIGN
- LANDSCAPING
REFER TO LANDSCAPE ARCHITECTS
DRAWINGS FOR DETAILS
- FOOTPATH PAVEMENT
TO BE CONFIRMED AT DETAILED DESIGN
- STRUCTURAL
REFER TO STRUCTURAL DRAWINGS
FOR DETAILS

C	ISSUED FOR SSD APPROVAL	13-04-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
Issue	Description	Date



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
Scales	1 : 750	Drawn MN	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C3120.dwg

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Project

PROPOSED INDUSTRIAL
DEVELOPMENT
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Title

PAVEMENT
PLAN

Drawing No.	Project No.	Issue
19-609-C3120	19-609	C