

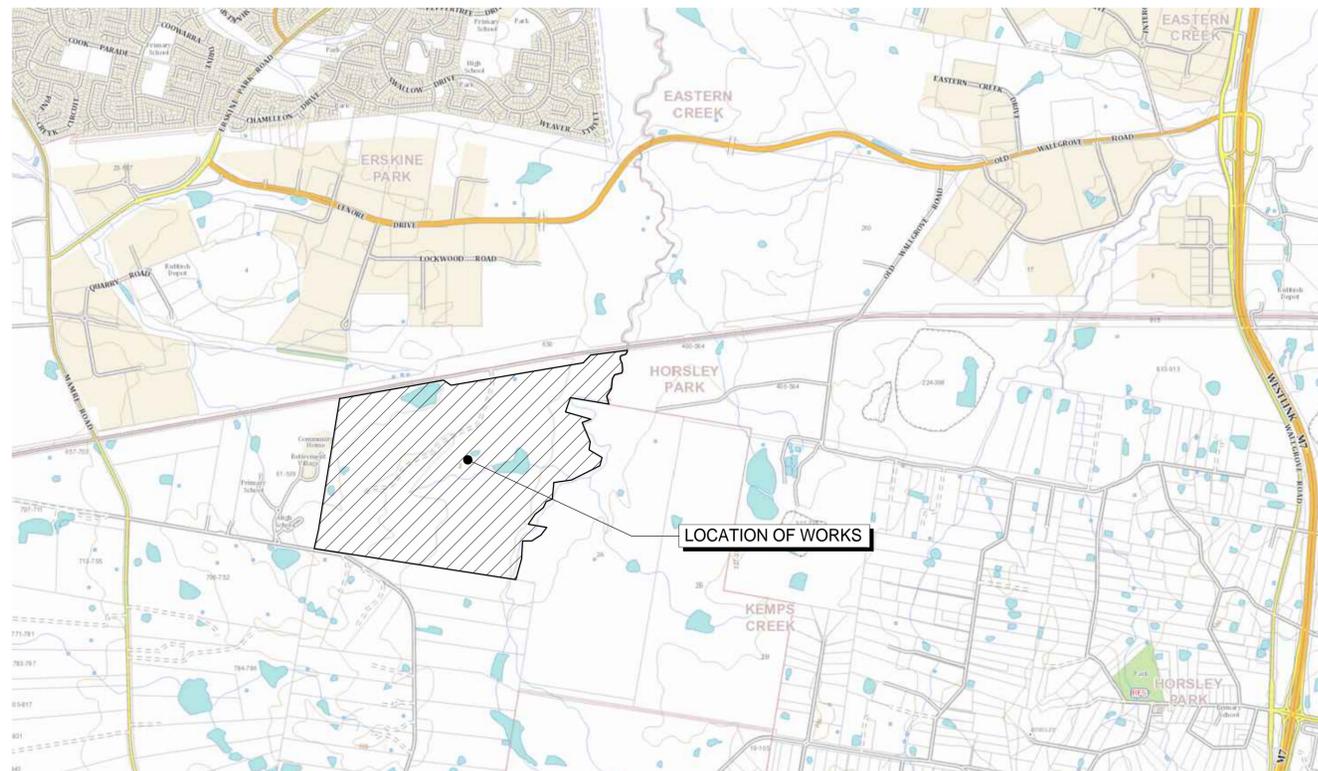
OAKDALE WEST

2000-SERIES STAGE 1 ON-LOT

CIVIL WORKS PACKAGE

STATE SIGNIFICANT DEVELOPMENT

APPLICATION



LOCALITY PLAN
NTS

NOTE:

THIS APPLICATION RELATES TO THE FOLLOWING :-

1. BULK EARTHWORKS SITE WIDE
2. STORMWATER BASINS AND ASSOCIATED STORMWATER INLET AND OUTLET
3. BOUNDARY AND ROADLOT RETAINING WALLS
4. WESTERN NORTH - SOUTH LINK ROAD
5. PRECINCT 1 INFRASTRUCTURE WORKS

Bar Scales

Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Status	FOR APPROVAL	A1
	NOT TO BE USED FOR CONSTRUCTION	

Drawn	FX
Designed	FX
Checked	AM
Approved	AM



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Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
COVER SHEET

Drawing No.	Project No.	Issue
15-272-C2000	15-272	A3

DRAWING LIST	
DRAWING No.	DRAWING TITLE
15-272-C2000	COVER SHEET
15-272-C2001	DRAWING LIST
15-272-C2002	GENERAL NOTES
15-272-C2003	GENERAL ARRANGEMENT PLAN
15-272-C2010	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 1 OF 15
15-272-C2011	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 2 OF 15
15-272-C2012	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 3 OF 15
15-272-C2013	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 4 OF 15
15-272-C2014	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 5 OF 15
15-272-C2015	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 6 OF 15
15-272-C2016	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 7 OF 15
15-272-C2017	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 8 OF 15
15-272-C2018	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 9 OF 15
15-272-C2019	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 10 OF 15
15-272-C2020	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 11 OF 15
15-272-C2021	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 12 OF 15
15-272-C2022	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 13 OF 15
15-272-C2023	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 14 OF 15
15-272-C2024	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 15 OF 15
15-272-C2030	PAVEMENT PLAN

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15-272-C2001	15-272	A3

SITWORKS 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 50m³ 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 50m³ 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 CARDNO HARD & FORESTER PTY LTD, 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.

IMPORTANT NOTE:
THIS PLAN IS PREPARED FROM A COMBINATION OF FIELD SURVEY AND EXISTING RECORDS FOR THE PURPOSE OF DESIGNING NEW CONSTRUCTIONS ON THE LAND AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE. THE TITLE BOUNDARIES SHOWN HEREON WERE NOT MARKED BY THE AUTHOR AT THE TIME OF SURVEY AND HAVE BEEN DETERMINED BY PLAN DIMENSIONS ONLY AND NOT BY FIELD MEASUREMENT.

A SERVICES SEARCH OF THE AREA SURVEYED ABOVE HAS NOT BEEN UNDERTAKEN. VISIBLE SERVICES SHOWN HEREON HAVE BEEN LOCATED WHERE POSSIBLE BY FIELD SURVEY. PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE, THE RELEVANT AUTHORITY SHOULD BE CONTACTED FOR POSSIBLE LOCATION OF FURTHER UNDERGROUND SERVICES AND DETAILED LOCATIONS OF ALL SERVICES. THIS NOTE IS AN INTEGRAL PART OF THIS PLAN.

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.



CONTRACTOR SHALL CALL;
DIAL BEFORE
YOU DIG 1100

PRIOR TO COMMENCEMENT OF WORK
TO OBTAIN ALL CURRENT SERVICE
AUTHORITY PLANS

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 _a 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 1919.

- NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED IN WRITING BY AT & L.

- CLEAR CONCRETE COVER TO ALL REINFORCEMENT FOR DURABILITY SHALL BE 40mm TOP AND 70mm FOR EXTERNAL EDGES UNLESS NOTED OTHERWISE.

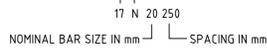
- ALL REINFORCEMENT SHALL BE FIRMLY SUPPORTED ON MILD STEEL PLASTIC TIPPED CHAIRS, PLASTIC CHAIRS OR CONCRETE CHAIRS AT NOT GREATER THAN 1m CENTRES BOTH WAYS. BARS SHALL BE TIED AT ALTERNATE INTERSECTIONS.

- 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.

- 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



NOMINAL BAR SIZE IN mm | SPACING IN mm

THE FIGURE FOLLOWING THE FABRIC SYMBOL SL IS THE REFERENCE NUMBER FOR FABRIC TO AS 1304.

- FABRIC SHALL BE LAPPED IN ACCORDANCE WITH THE FOLLOWING DETAIL:



KERBING NOTES

- ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25 MPa 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 100mm 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.

STORMWATER DRAINAGE NOTES

- STORMWATER DESIGN CRITERIA:
(A) AVERAGE RECURRENCE INTERVAL:
100 YEARS MAJOR STORM (OVERLAND FLOW)
120 YEARS MINOR STORM (PIPED NETWORK)
(B) RAINFALL INTENSITIES:
TIME OF CONCENTRATION: 5 MINUTES
100 YEARS= 219 mm/hr
120 YEARS= 167 mm/hr
(C) RUNOFF COEFFICIENTS:
ROOF AREAS: C₁₀₀ =1.0
EXTERNAL PAVEMENTS: C₁₀₀ =1.0
- PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '2' 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 (1989) 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.

EMBANKMENT CONSTRUCTION SEQUENCE

- STRIP VEGETATION AND TOPSOIL FROM EMBANKMENT AREA AND STOCKPILE TOPSOIL FOR LATER USE. CUT BACK AREA TO FIRM GROUND.
- CONSTRUCT EMBANKMENT IN PRESENCE OF QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER IF NOT ROCK.
- IN THE CASE WHERE THE EMBANKMENT AREAS SLUSH, GROUTING AND DENTAL CONCRETE MAY BE REQUIRED, AS DIRECTED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER.
- COMPACT CLAY STABILIZED WITH GYPSUM (3% BY DRY MASS, MINIMUM) AS APPROVED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER INTO THE CUT-OFF TRENCH OF LAYERS NOT EXCEEDING 150mm LOOSE THICKNESS TO A DRY DENSITY EQUIVALENT TO 98% OF THAT DETERMINED BY STANDARD COMPACTION (AS 1289.5.1.1) AND AT A MOISTURE CONTENT OF -2% TO +2% OF OPTIMUM MOISTURE CONTENT.
- GYPSUM STABILIZED NATURAL SOILS EXPOSED IN EMBANKMENT AREA WITH MINIMUM 3% GYPSUM BY DRY MASS AND COMPACT AS FOR #4. ALL TO THE APPROVAL OF A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER.
- CONSTRUCT BODY OF EMBANKMENT WITH CLAYEY MATERIAL WON FROM SITE. COMPACT THE CLAYEY MATERIAL APPROVED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER IN LAYERS NOT EXCEEDING 150mm THICKNESS TO A DRY DENSITY EQUIVALENT TO 98% OF THAT DETERMINED BY STANDARD COMPACTION (AS 1289.5.1.1) AND AT A MOISTURE CONTENT OF -2% TO +2% OF OPTIMUM MOISTURE CONTENT. MOST IMPORTANTLY, IF SHRINKAGE CRACKS OCCUR, AS DIRECTED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER.
- OVERFILL THE EMBANKMENT AND TRIM OFF, SO THAT THE ENTIRE BODY OF THE EMBANKMENT IS COMPACTED.
- TRIM THE EMBANKMENTS BATTERS TO THE OVERFILLED MATERIAL, STABILIZE THE UPSTREAM CLAY BATTERS WITH WELL MIXED GYPSUM (3% BY DRY MASS, MINIMUM) AND COMPACT TO MIN. 98% STD -2% TO +2% OMC.
- PLACE ROCK RIP-RAP AS SHOWN.
- RECOVER TOPSOIL FROM STOCKPILE AND SPREAD OVER EMBANKMENT AND CUT BATTERS (A THIN COVER OF TOPSOIL ONLY HAS BEEN NOMINATED). ONLY LIGHTLY TRACK-ROLL THE TOPSOIL AND THEN LANDSCAPE IN ACCORDANCE WITH THE LANDSCAPE AREA DRAWINGS.
- WATER AND FERTILIZE LANDSCAPE AS REQUIRED BY CLIMATIC CONDITIONS TO ENSURE THE LANDSCAPE IS SUCCESSFUL.
- AT THE COMPLETION OF WORK WRITTEN CONFIRMATION & CERTIFICATION IS TO BE PROVIDED FROM A QUALIFIED & EXPERIENCED GEOTECHNICAL ENGINEER THAT THE EMBANKMENTS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THESE DRAWINGS.

EROSION AND SEDIMENT CONTROL NOTES

GENERAL INSTRUCTIONS

- THE SITE SUPERINTENDENT/ENGINEER WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS DOCUMENTED.
- ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH
a. LOCAL AUTHORITY REQUIREMENTS
b. EPA REQUIREMENTS
c. NSW DEPARTMENT OF HOUSING MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION", 4th EDITION, MARCH 2004.
- MAINTAIN THE EROSION CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
- WHEN STORMWATER PITS ARE CONSTRUCTED, PREVENT SITE RUNOFF ENTERING UNLESS SEDIMENT FENCES ARE ERECTED AROUND PITS.
- CONTRACTOR IS TO ENSURE ALL EROSION & SEDIMENT CONTROL DEVICES ARE MAINTAINED IN GOOD WORKING ORDER AND OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.

LAND DISTURBANCE

- WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:
(A) INSTALL A WIND FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
(B) INSTALL A SEDIMENT FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
(C) CONSTRUCT STABILISED CONSTRUCTION ENTRANCE TO LOCATION AS DETERMINED BY SUPERINTENDENT/ENGINEER. REFER DETAIL.
(D) INSTALL SEDIMENT BASIN AS SHOWN ON PLAN.
(E) INSTALL SEDIMENT TRAPS AS SHOWN ON PLAN.
(F) UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. WHERE POSSIBLE, PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

- DURING WINDY WEATHER, LARGE UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
- FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

SEDIMENT CONTROL

- STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
- ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
- WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
- TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

OTHER MATTERS

- ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:
(A) PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE
(B) ENSURING THAT NOTHING IS NAILED TO THEM
(C) PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS.
(i) ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 15 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICH EVER IS THE GREATER
(ii) A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH
(iii) CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.

STAGING

SUITABLE EROSION AND SEDIMENT CONTROLS SHALL BE DESIGNED, PROVIDED AND MAINTAINED BY THE CONTRACTOR THROUGHOUT ALL STAGES OF WORKS, INCLUDING AT COMPLETION OF THE BULK EARTHWORKS WHERE SHOWN ON AT&L DRAWINGS OR WHERE DIRECTED BY THE SUPERINTENDENT OR PENRITH CITY COUNCIL'S ENGINEERS. SEDIMENT AND EROSION CONTROLS ARE TO BE DESIGNED AND DOCUMENTED BY A SUITABLY QUALIFIED EXPERT ENGAGED BY THE CONTRACTOR AND APPROVED AS PART OF THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SUCH CONTROLS SHALL BE IN ACCORDANCE WITH THE RELEVANT REQUIREMENTS IN THE LATEST VERSION OF THE MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION GUIDELINE (LANDCOM).

BULK EARTHWORKS NOTES

- ORIGIN OF LEVELS:- REFER SURVEY NOTES
- REFER PELLIS SULLIVAN MEYNNIK REPORT PSM1541-020S REV 0 (DATED 16-03-12) FOR BULK EARTHWORKS SPECIFICATIONS OF THE BIO-RETENTION BASIN AND ESTATE ROAD.
- REFER PELLIS SULLIVAN MEYNNIK REPORT PSM1541-003S REV 2 (DATED 06/05/13) FOR BULK EARTHWORKS SPECIFICATIONS OF ALL AREAS EXCEPT THE BIO-RETENTION BASIN AND ESTATE ROAD.

FINISHED SURFACE LEVELS

- ALL FINISHED SURFACE LEVELS ARE ±1000mm U.N.O.

Bar Scales

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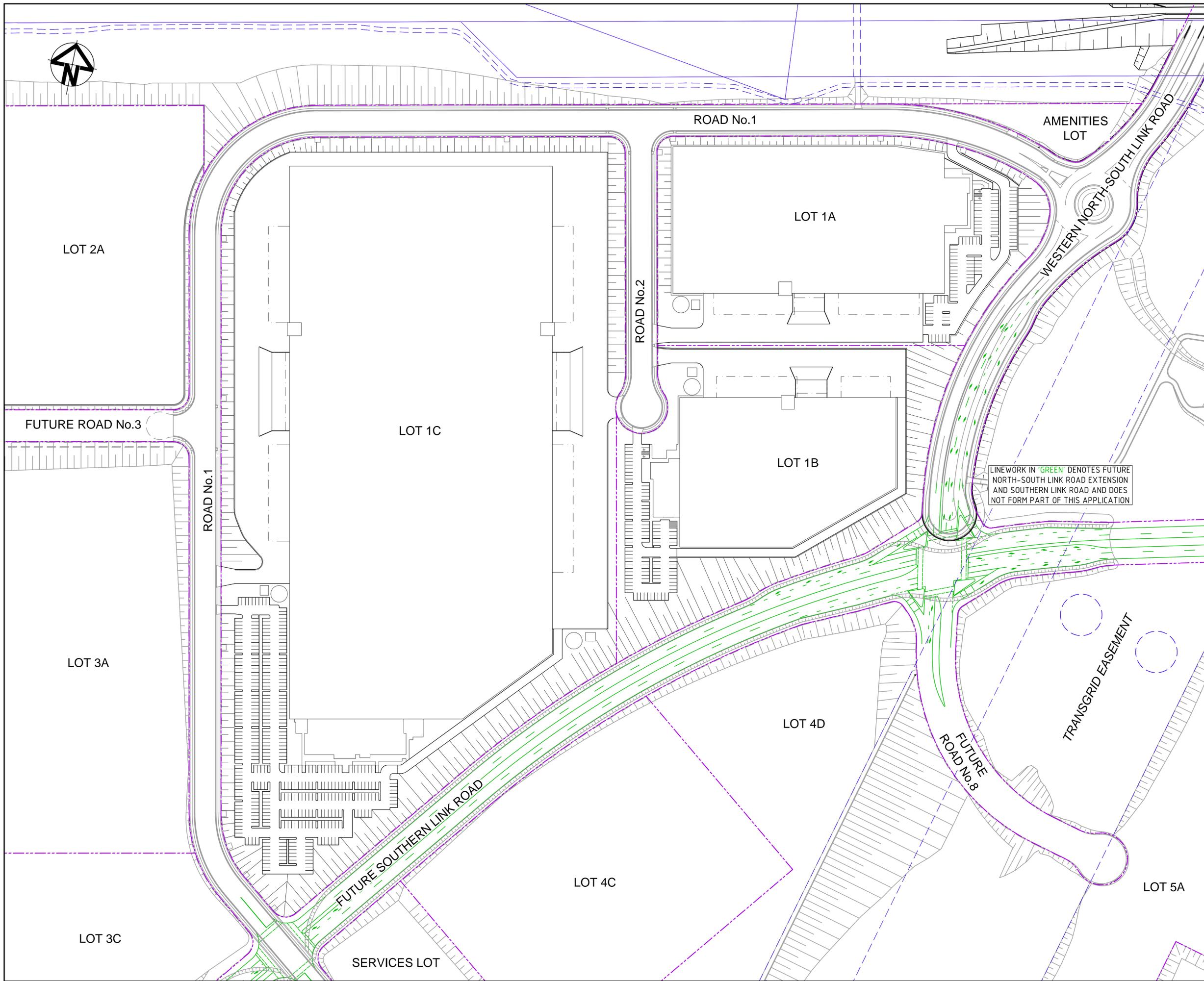


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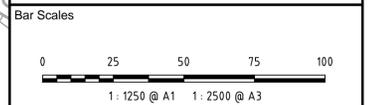
Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
GENERAL NOTES

Drawing No.	Project No.	Issue
15-272-C2002	15-272	A3



LINEWORK IN 'GREEN' DENOTES FUTURE NORTH-SOUTH LINK ROAD EXTENSION AND SOUTHERN LINK ROAD AND DOES NOT FORM PART OF THIS APPLICATION



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Status: **FOR APPROVAL** A1
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Grid	MGA	Approved AM

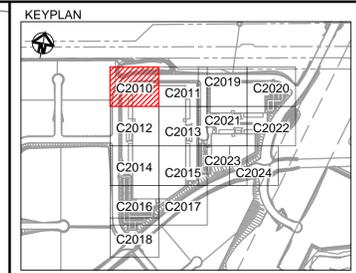
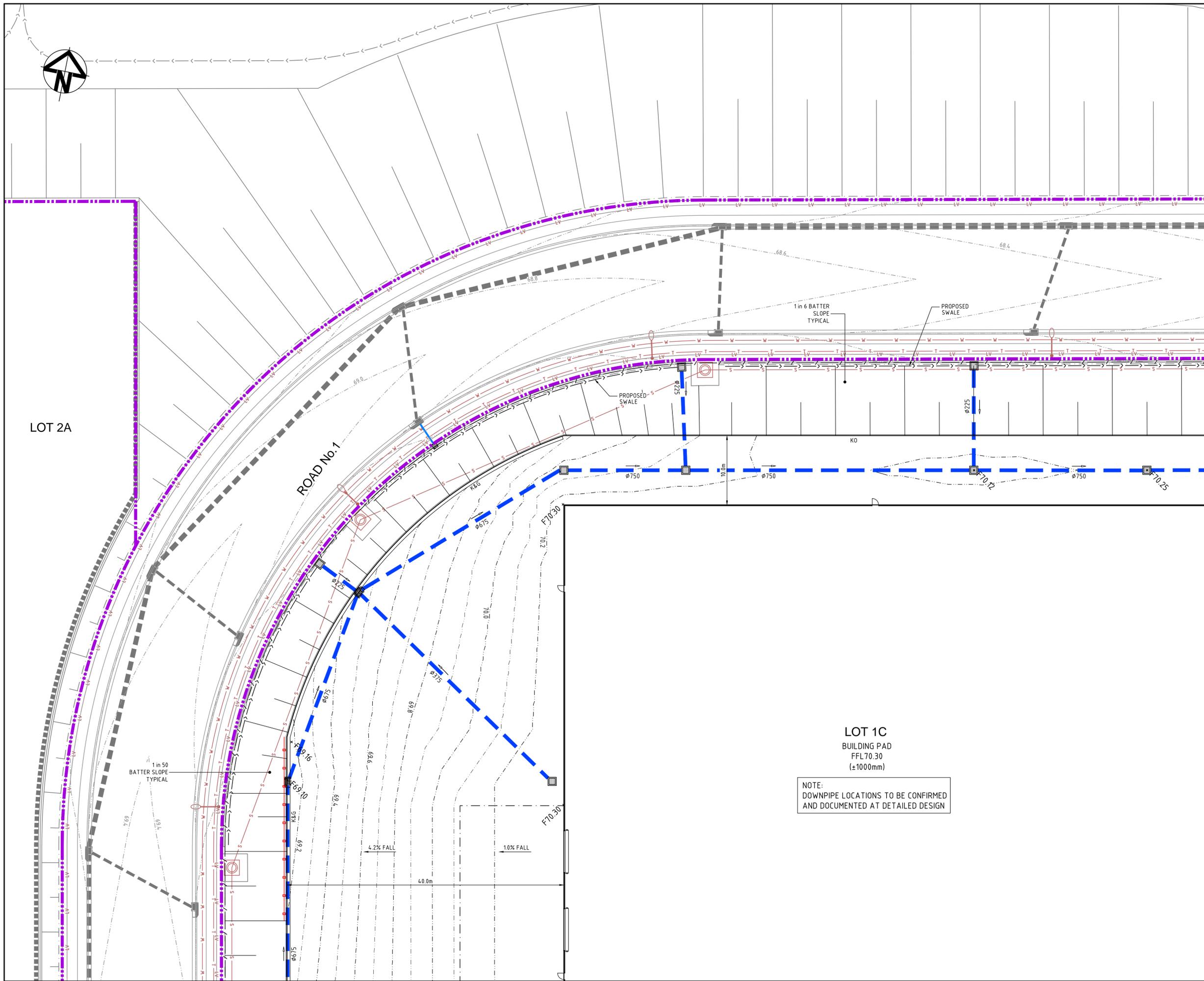


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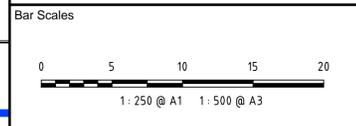
Title
GENERAL ARRANGEMENT PLAN

Drawing No.	Project No.	Issue
15-272-C2003	15-272	A3



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- +F75.00 FINISHED SURFACE LEVEL
- 375 ϕ STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- S EXISTING SEWER MAIN
- G EXISTING GAS MAIN



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Status: **FOR APPROVAL** A1
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Drawn	FX	Checked	AM
Designed	FX	Approved	AM



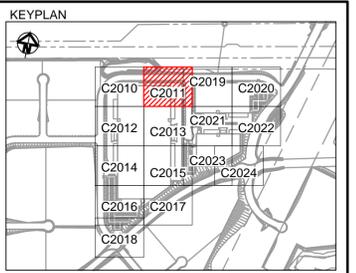
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Project: **PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST**

Title: **SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 1 OF 15**

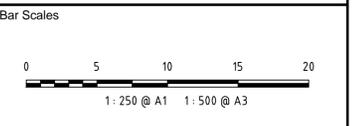
Drawing No.	Project No.	Issue
15-272-C2010	15-272	A3

NOTE:
DOWNPIPE LOCATIONS TO BE CONFIRMED AND DOCUMENTED AT DETAILED DESIGN



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- KERB AND GUTTER
- KERB ONLY
- FINISHED SURFACE LEVEL
- 375Ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- EXISTING SEWER MAIN
- EXISTING GAS MAIN



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Status: **FOR APPROVAL** A1
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Grid	MGA	Approved	AM

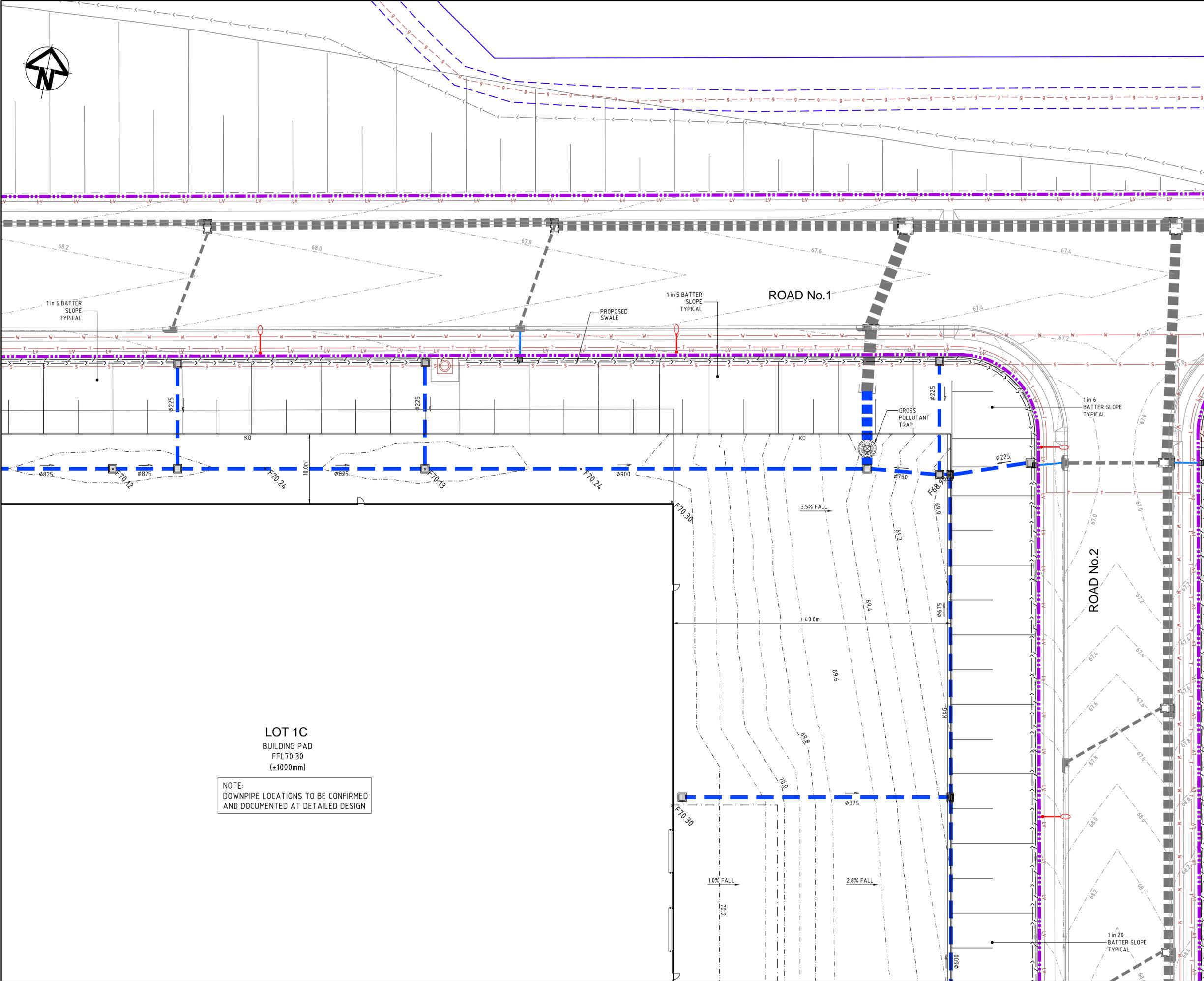


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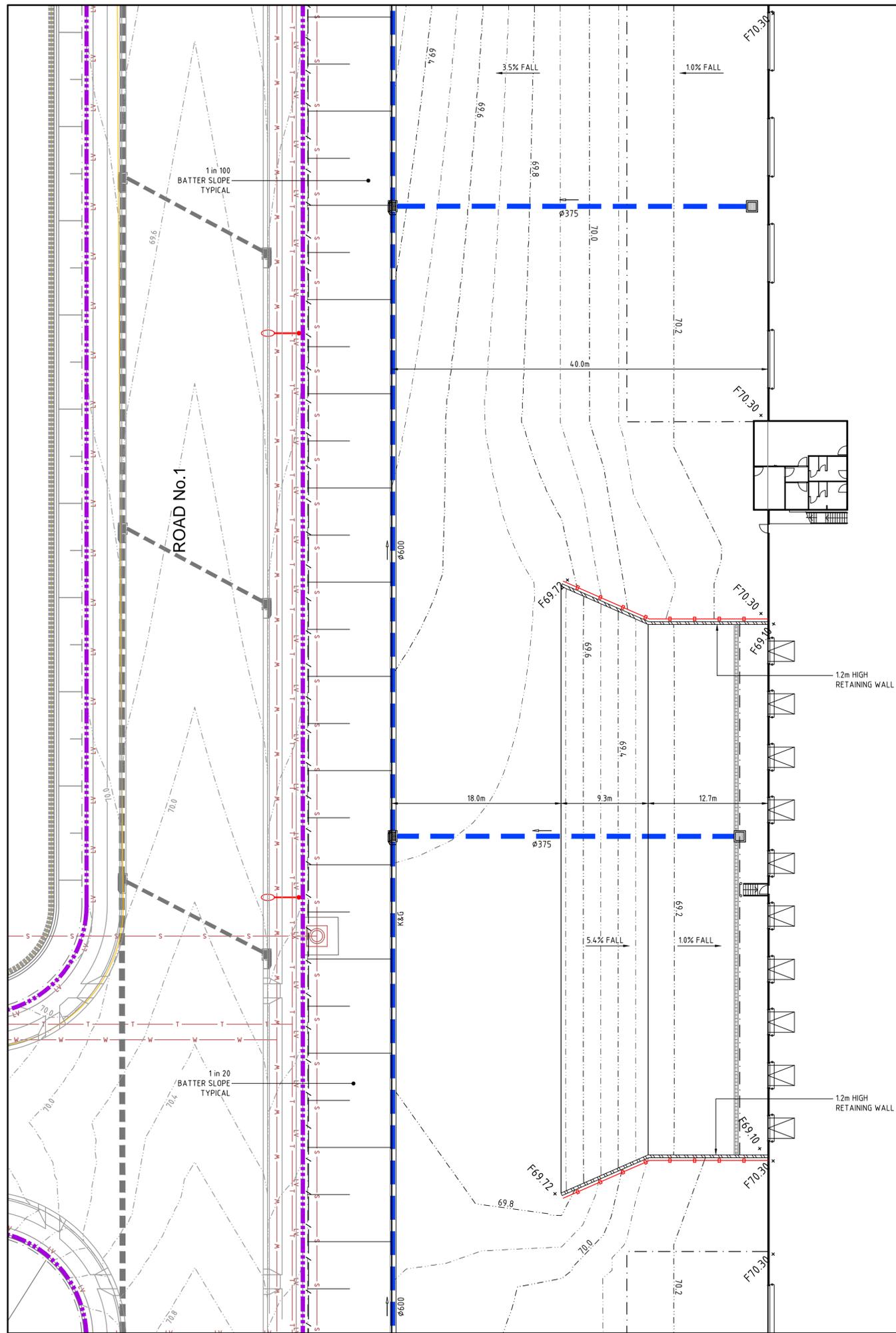
Title: **SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 2 OF 15**

Drawing No.	Project No.	Issue
15-272-C2011	15-272	A3



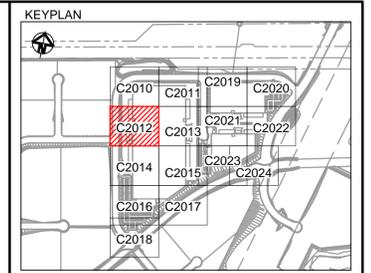
LOT 1C
 BUILDING PAD
 FFL 70.30
 (±1000mm)

NOTE:
 DOWNPIPE LOCATIONS TO BE CONFIRMED
 AND DOCUMENTED AT DETAILED DESIGN



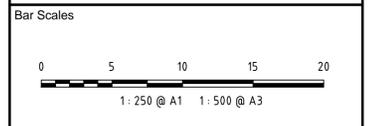
LOT 1C
 BUILDING PAD
 FFL 70.30
 (±1000mm)

NOTE:
 DOWNPIPE LOCATIONS TO BE CONFIRMED
 AND DOCUMENTED AT DETAILED DESIGN



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- +F75.00 FINISHED SURFACE LEVEL
- 375φ STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- EXISTING SEWER MAIN
- EXISTING GAS MAIN



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Status: **FOR APPROVAL** A1
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Drawn	FX
Designed	FX
Checked	AM
Approved	AM



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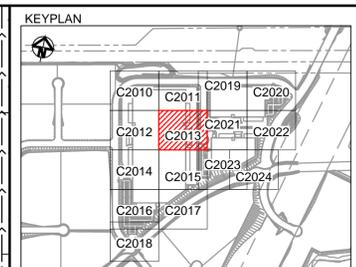
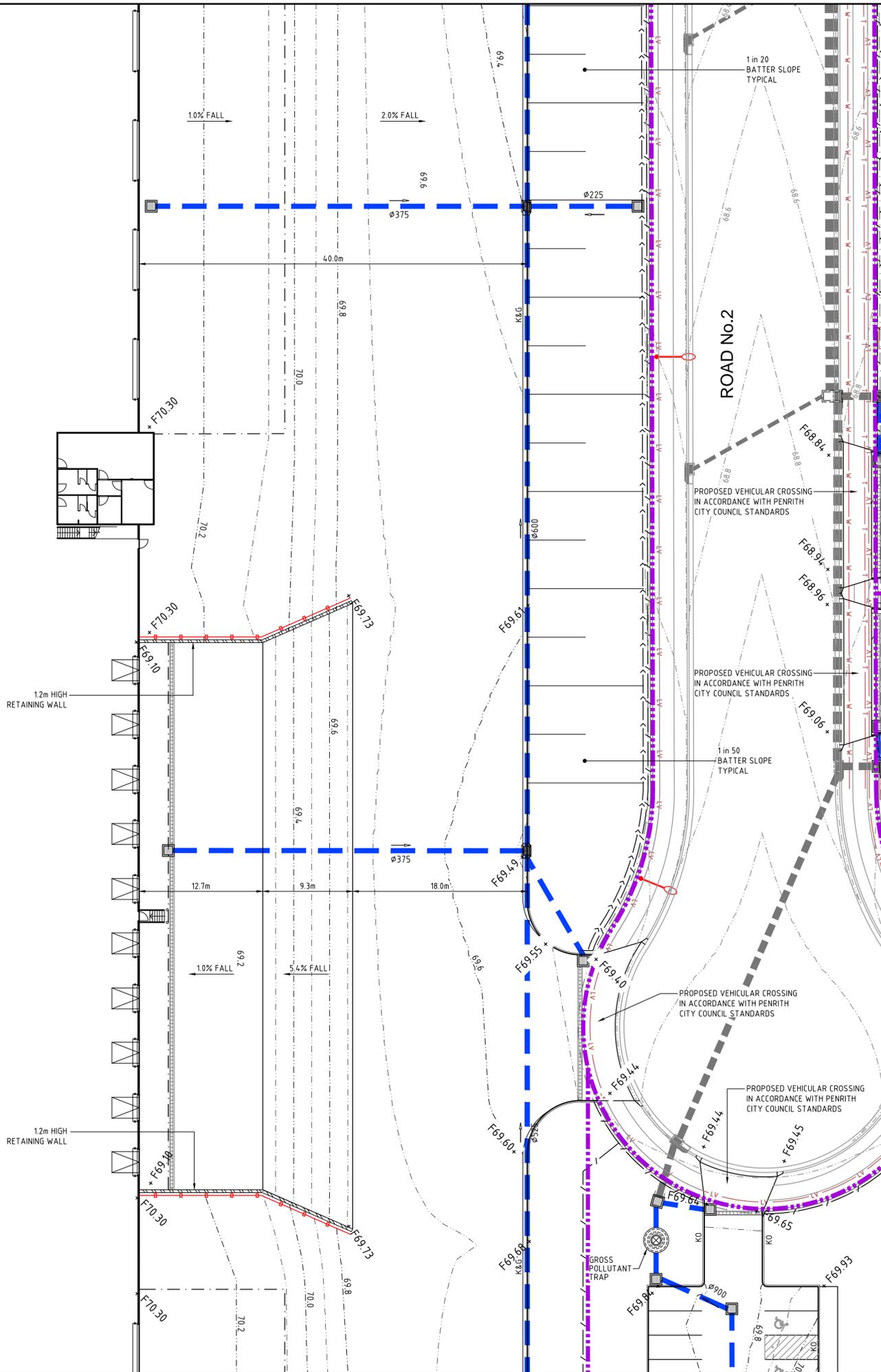
Title: **SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 3 OF 15**

Drawing No.	Project No.	Issue
15-272-C2012	15-272	A3



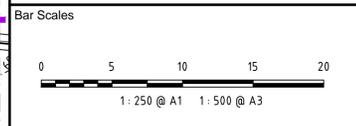
LOT 1C
BUILDING PAD
FFL 70.30
(±1000mm)

NOTE:
DOWNPIPE LOCATIONS TO BE CONFIRMED
AND DOCUMENTED AT DETAILED DESIGN



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- +F75.00 FINISHED SURFACE LEVEL
- 375 ϕ STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- EXISTING SEWER MAIN
- EXISTING GAS MAIN



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Status
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Drawn	FX
Designed	FX
Checked	AM
Approved	AM

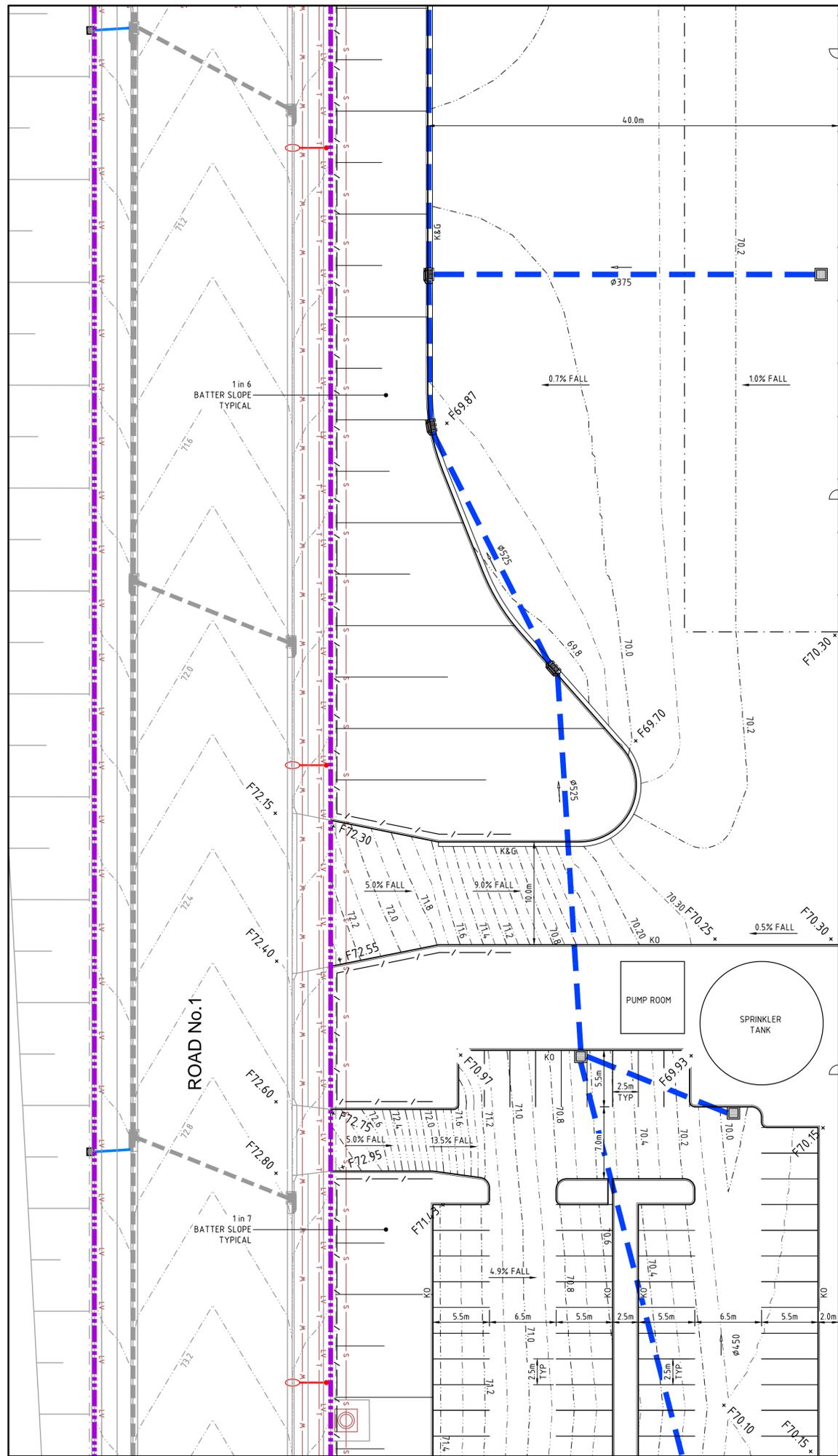


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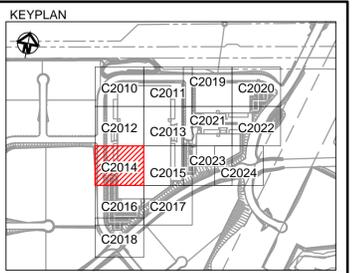
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SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 4 OF 15

Drawing No.	Project No.	Issue
15-272-C2013	15-272	A3



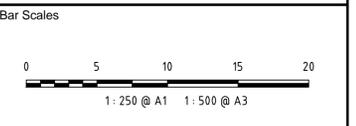
LOT 1C
 BUILDING PAD
 FFL 70.30
 (±1000mm)

NOTE:
 DOWNPIPE LOCATIONS TO BE CONFIRMED
 AND DOCUMENTED AT DETAILED DESIGN



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- FINISHED SURFACE LEVEL
- STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- EXISTING SEWER MAIN
- EXISTING GAS MAIN



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Designed	FX
Checked	AM
Approved	AM



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Project: **PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST**

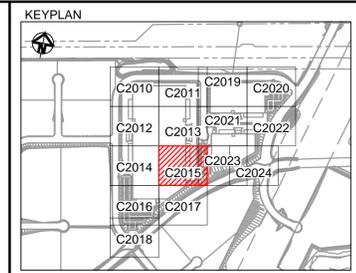
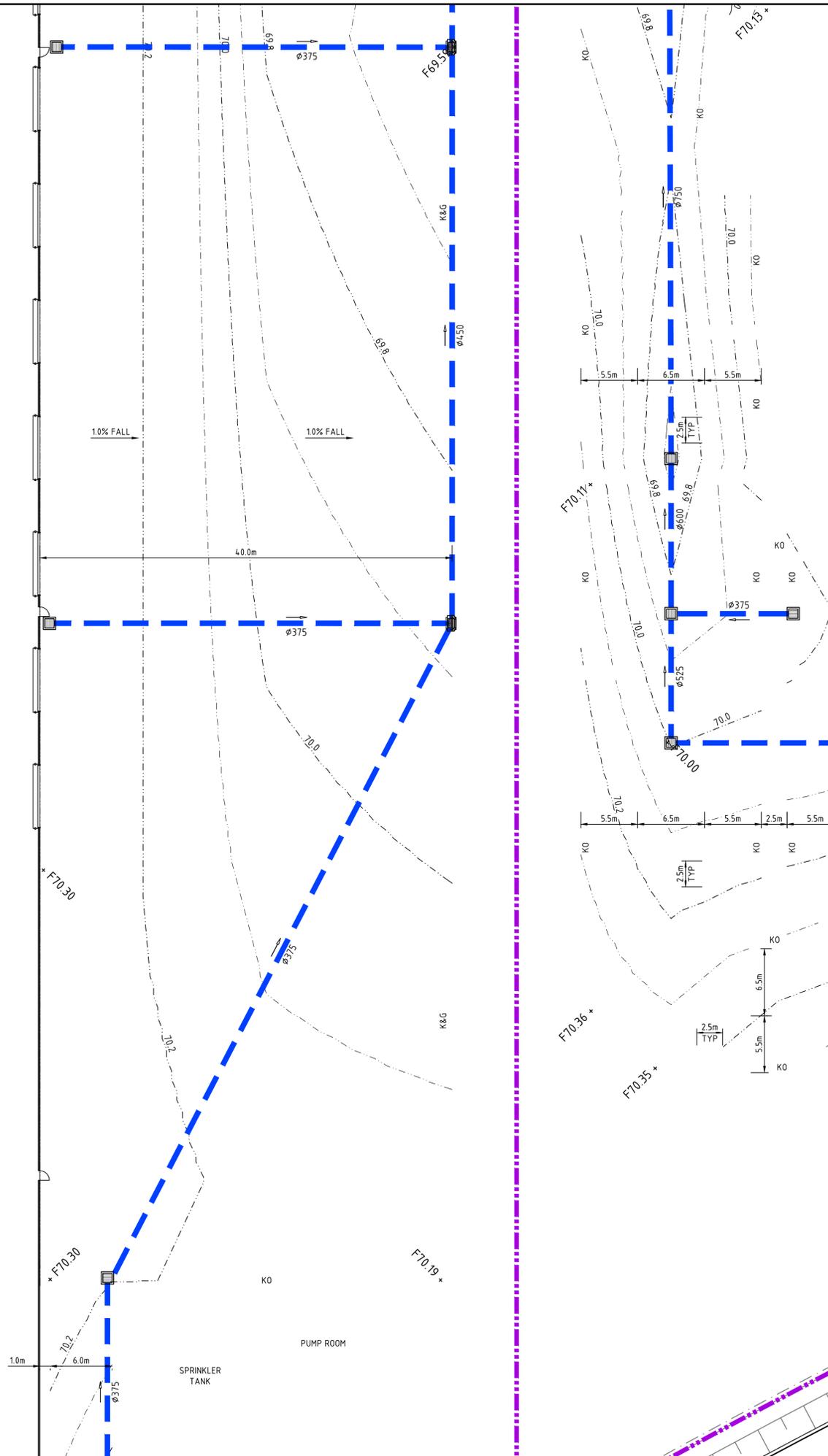
Title: **SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 5 OF 15**

Drawing No.	Project No.	Issue
15-272-C2014	15-272	A3



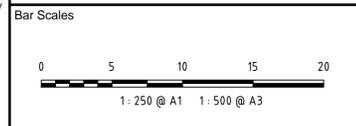
LOT 1C
BUILDING PAD
FFL 70.30
(±1000mm)

NOTE:
DOWNPIPE LOCATIONS TO BE CONFIRMED
AND DOCUMENTED AT DETAILED DESIGN



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- +F75.00 FINISHED SURFACE LEVEL
- 375 ϕ STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- S EXISTING SEWER MAIN
- G EXISTING GAS MAIN



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Status
FOR APPROVAL **A1**
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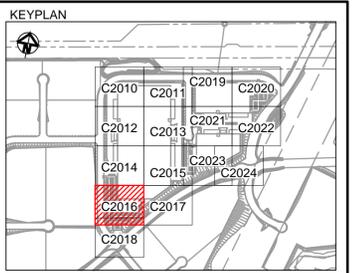
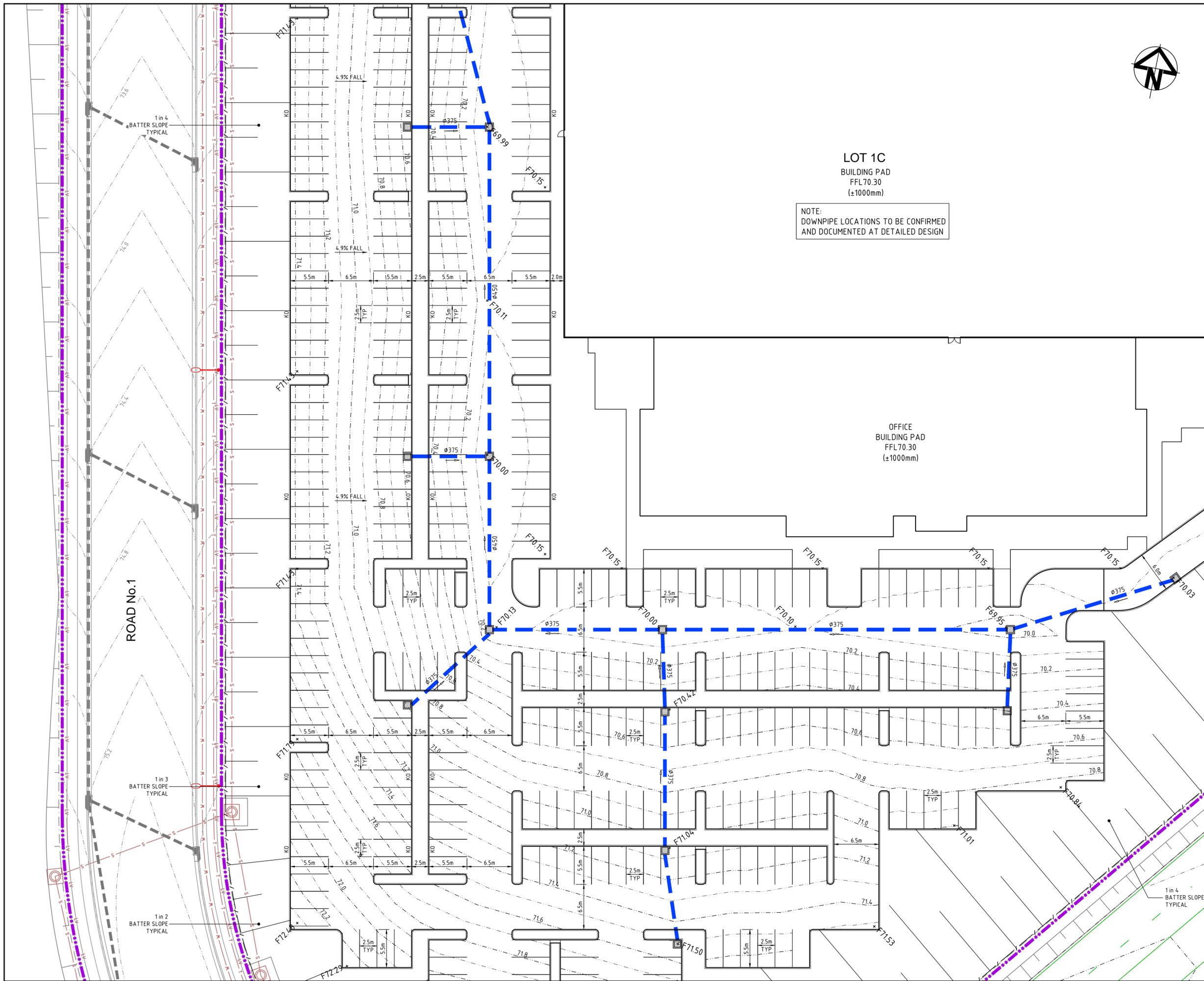


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Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

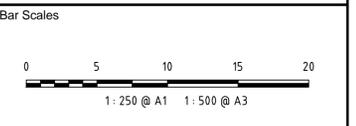
Title
SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 6 OF 15

Drawing No.	Project No.	Issue
15-272-C2015	15-272	A3



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- +F75.00 FINISHED SURFACE LEVEL
- 375 ϕ STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- S EXISTING SEWER MAIN
- G EXISTING GAS MAIN



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Status **FOR APPROVAL** A1
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Scales	15-272-C2016.dwg		
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Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM



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Project **PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST**

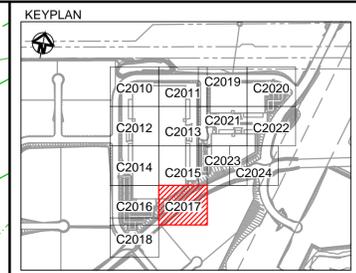
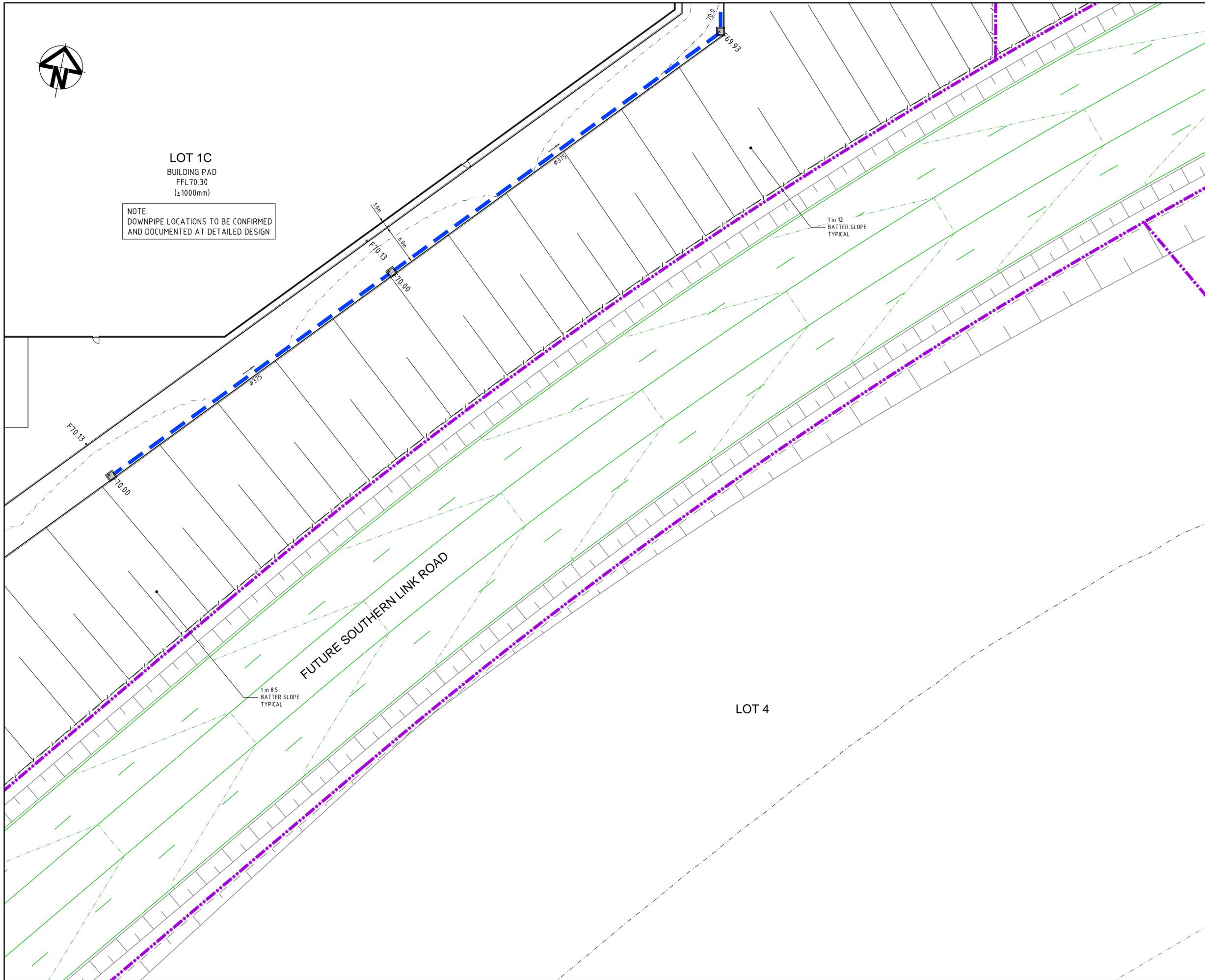
Title **SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 7 OF 15**

Drawing No.	Project No.	Issue
15-272-C2016	15-272	A3



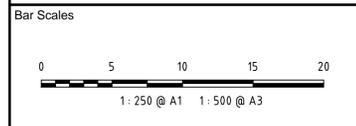
LOT 1C
BUILDING PAD
FFL 70.30
(±1000mm)

NOTE:
DOWNPIPE LOCATIONS TO BE CONFIRMED
AND DOCUMENTED AT DETAILED DESIGN



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- +F75.00 FINISHED SURFACE LEVEL
- 375 ϕ STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL
REFER '1000-SERIES'
INFRASTRUCTURE PACKAGE
FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- S EXISTING SEWER MAIN
- G EXISTING GAS MAIN



A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Status: **FOR APPROVAL** **A1**
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Drawn	FX
Designed	FX

Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

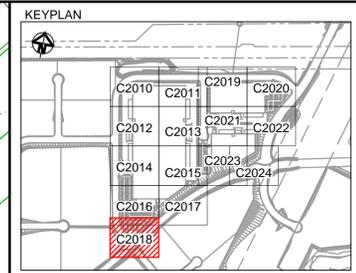
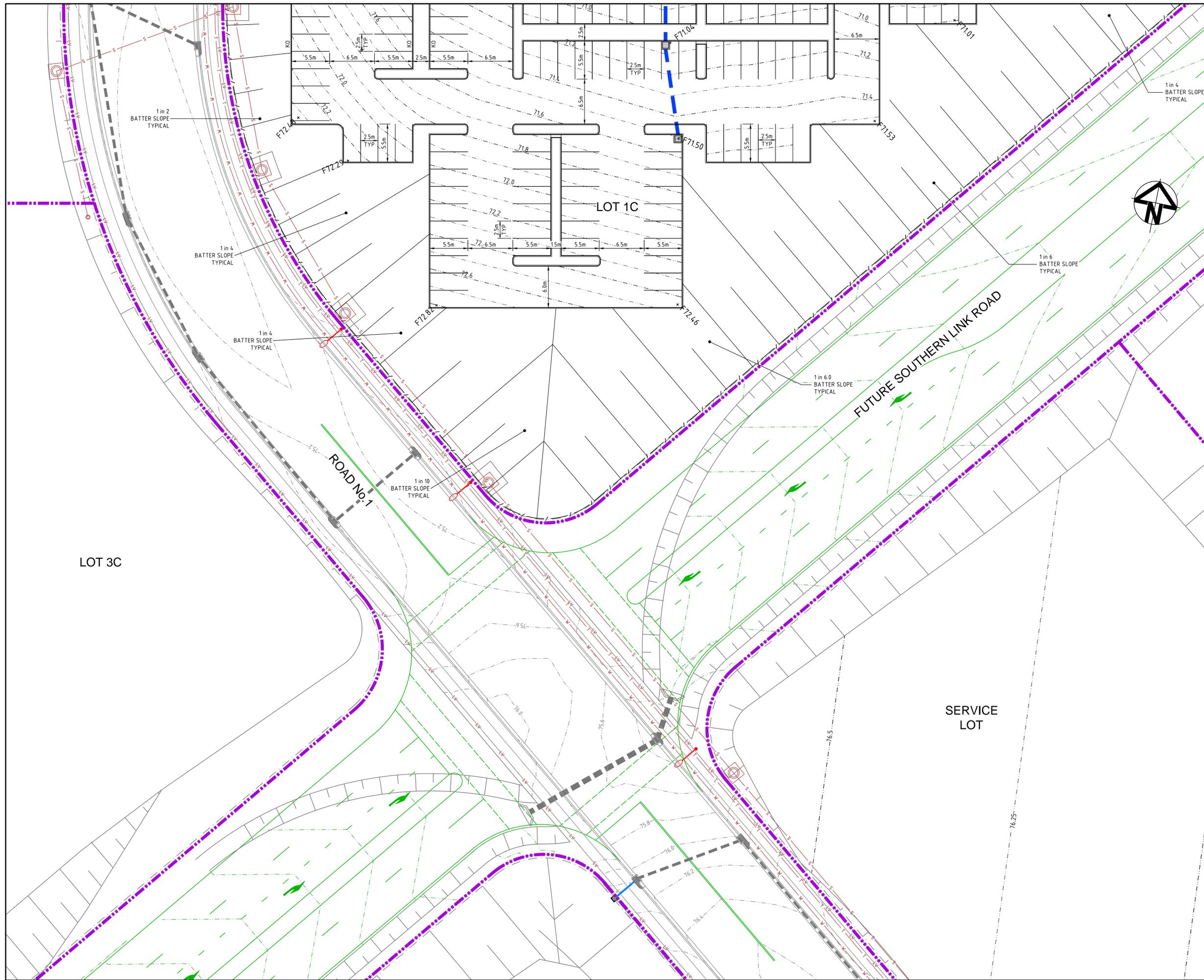


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Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

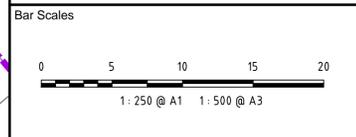
Title
SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 8 OF 15

Drawing No.	Project No.	Issue
15-272-C2017	15-272	A3



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- +F75.00 FINISHED SURFACE LEVEL
- 375φ STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- S EXISTING SEWER MAIN
- G EXISTING GAS MAIN



A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

Issue Description Date

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Status **FOR APPROVAL** **A1**
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Drawn	FX
Designed	FX
Checked	AM
Approved	AM



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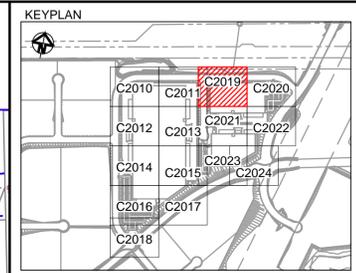
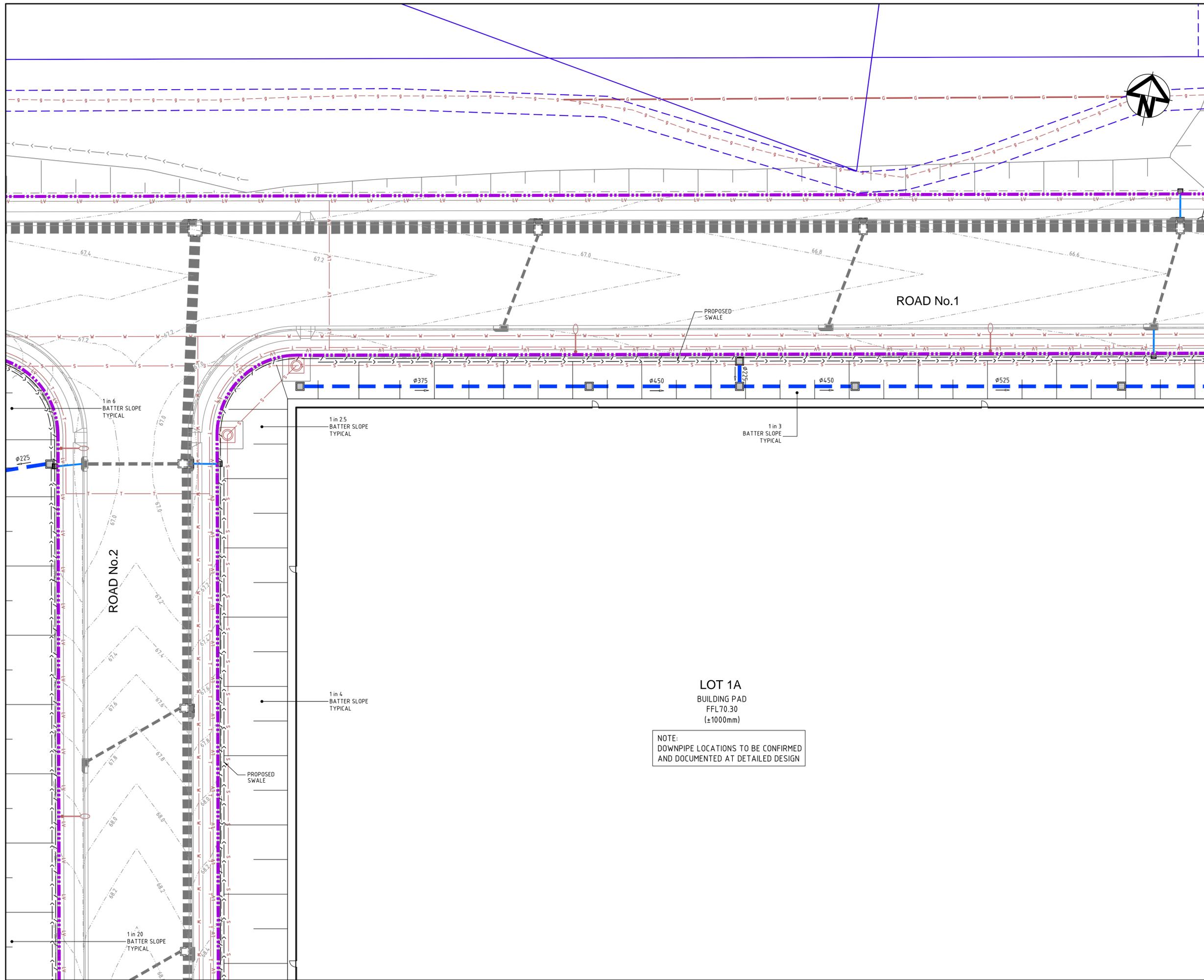
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Project **PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST**

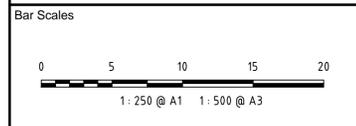
Title **SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 9 OF 15**

Drawing No.	Project No.	Issue
15-272-C2018	15-272	A3



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- +F75.00 FINISHED SURFACE LEVEL
- 375 ϕ STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- EXISTING SEWER MAIN
- EXISTING GAS MAIN



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Status: **FOR APPROVAL** A1
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Drawn	FX
Designed	FX
Checked	AM
Approved	AM

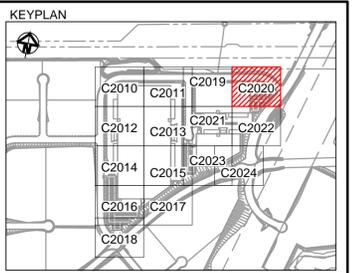
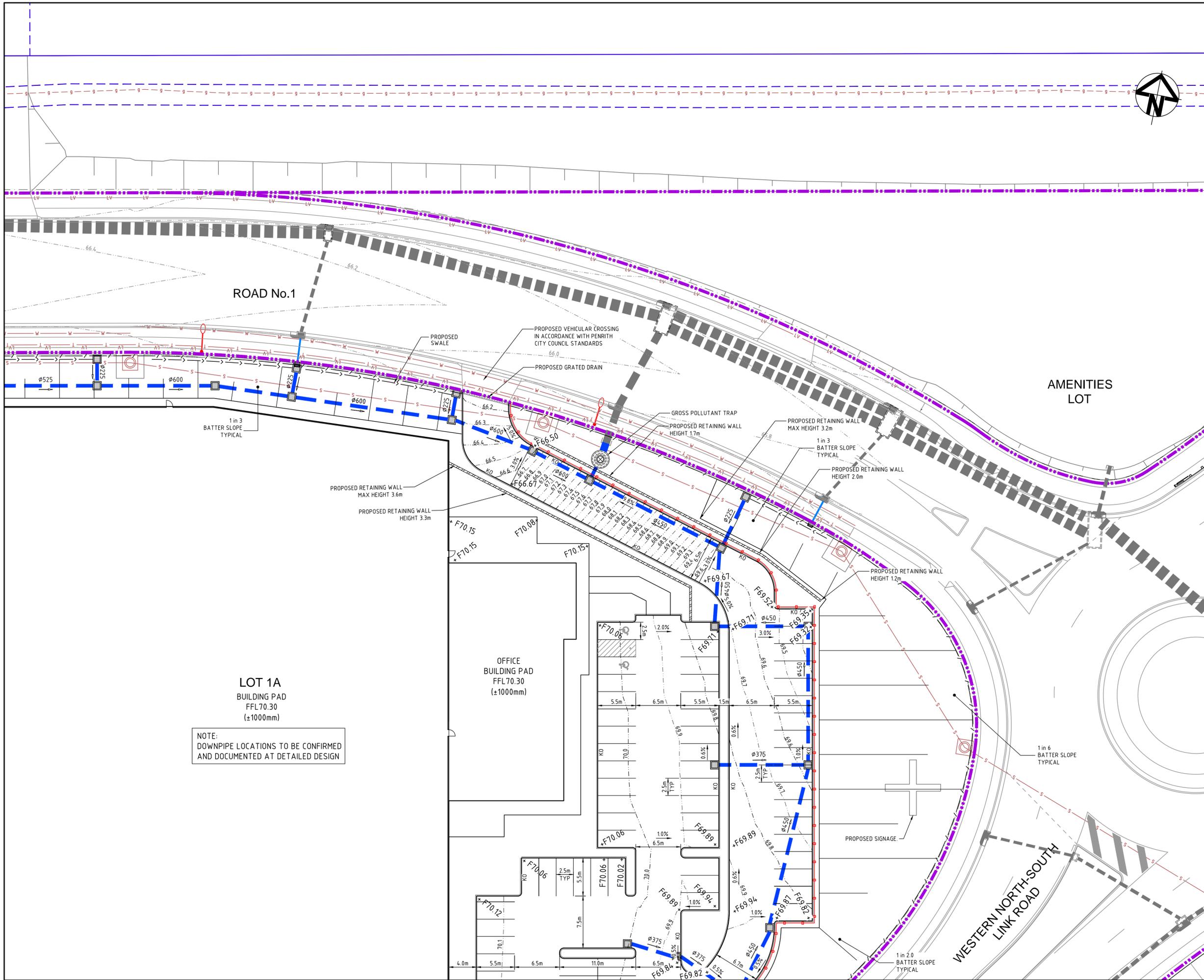


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Project: **PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST**

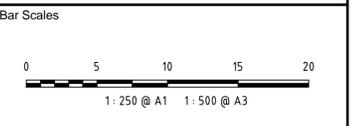
Title: **SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 10 OF 15**

Drawing No.	Project No.	Issue
15-272-C2019	15-272	A3



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- +F75.00 FINISHED SURFACE LEVEL
- 375 ϕ STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- S EXISTING SEWER MAIN
- G EXISTING GAS MAIN



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Status: **FOR APPROVAL** A1
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Scale	15-272-C2020.dwg		
1 : 250	Drawn	FX	
	Designed	FX	
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM



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Project: **PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST**

Title: **SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 11 OF 15**

Drawing No.	Project No.	Issue
15-272-C2020	15-272	A3

NOTE:
 DOWNPIPE LOCATIONS TO BE CONFIRMED AND DOCUMENTED AT DETAILED DESIGN

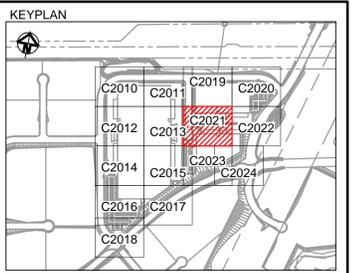
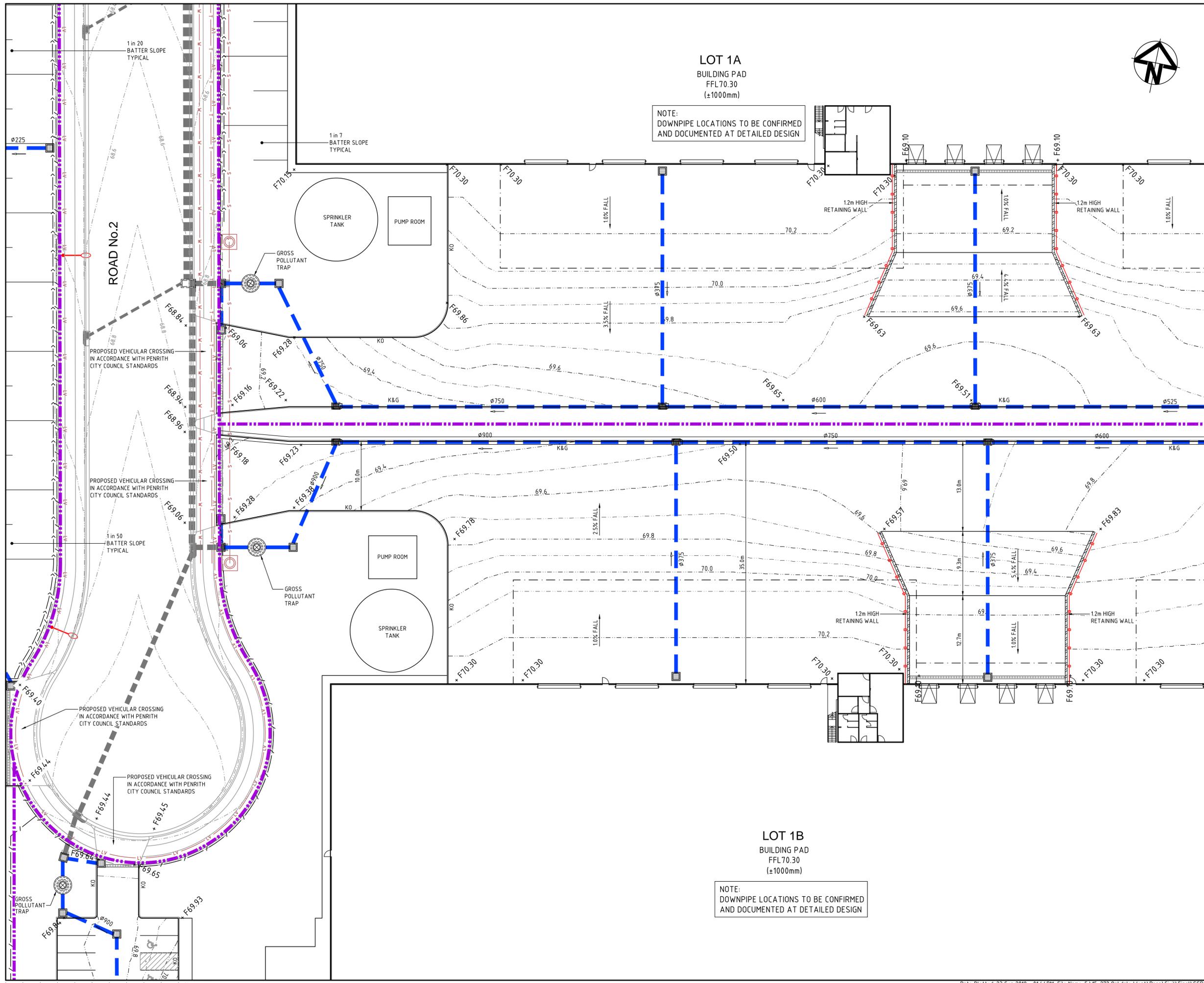
WESTERN NORTH-SOUTH LINK ROAD

ROAD No.1

AMENITIES LOT

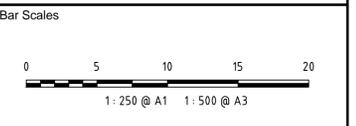
LOT 1A
 BUILDING PAD
 FFL 70.30
 (±1000mm)

OFFICE BUILDING PAD
 FFL 70.30
 (±1000mm)



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- +F75.00 FINISHED SURFACE LEVEL
- 375φ STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- EXISTING SEWER MAIN
- EXISTING GAS MAIN



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Status: **FOR APPROVAL** A1
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Scale	15-272-C2021.dwg	
1 : 250	Drawn	FX
	Designed	FX
Height Datum	AHD	Checked AM
Grid	MGA	Approved AM



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Project: **PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST**

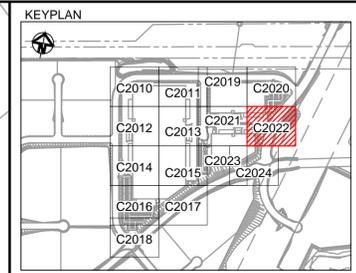
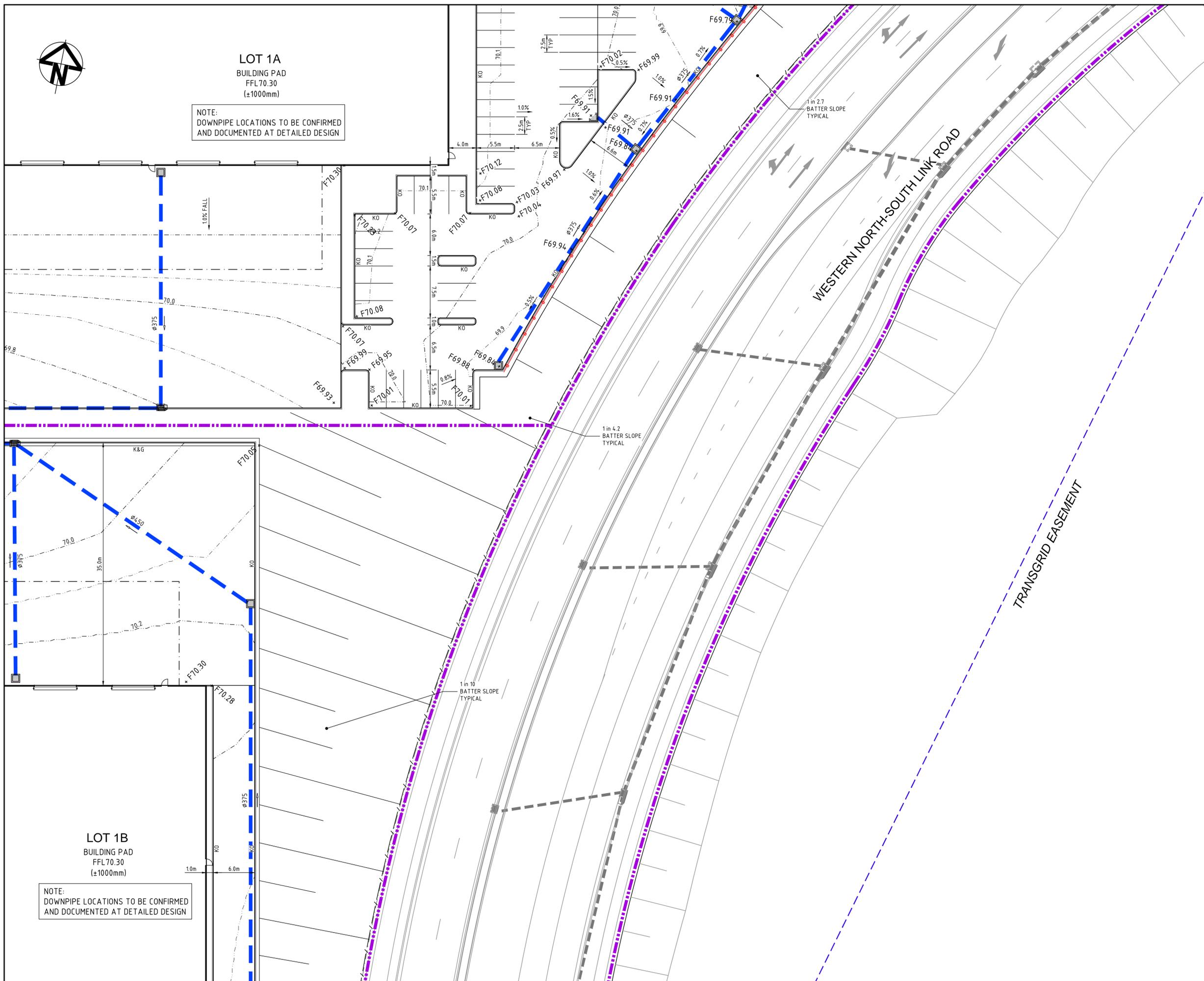
Title: **SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 12 OF 15**

Drawing No.	Project No.	Issue
15-272-C2021	15-272	A3



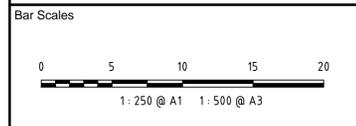
LOT 1A
BUILDING PAD
FFL 70.30
(±1000mm)

NOTE:
DOWNSPIPE LOCATIONS TO BE CONFIRMED
AND DOCUMENTED AT DETAILED DESIGN



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- FINISHED SURFACE LEVEL
- 375 ϕ STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- EXISTING SEWER MAIN
- EXISTING GAS MAIN



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Scale	1 : 250	15-272-C2022.dwg	
Drawn	FX	Checked	AM
Designed	FX	Approved	AM



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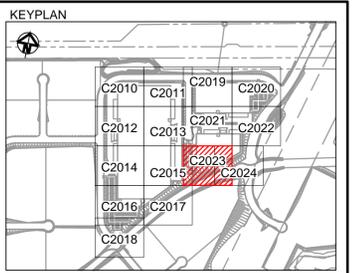
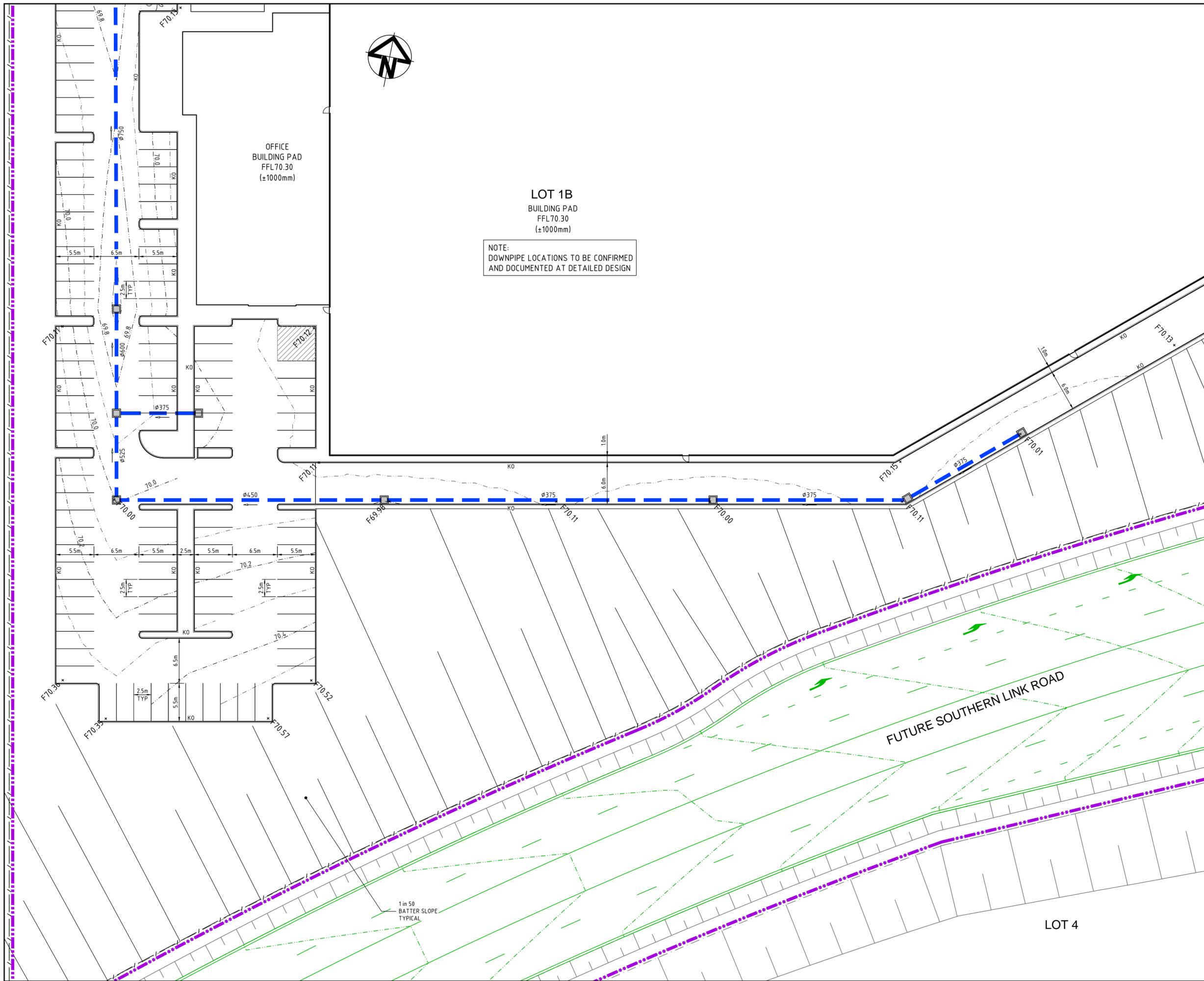
Project: **PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST**

Title: **SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 13 OF 15**

Drawing No.	Project No.	Issue
15-272-C2022	15-272	A3

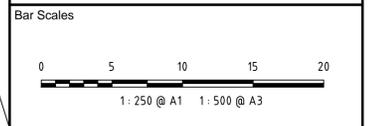
LOT 1B
BUILDING PAD
FFL 70.30
(±1000mm)

NOTE:
DOWNSPIPE LOCATIONS TO BE CONFIRMED
AND DOCUMENTED AT DETAILED DESIGN



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- +F75.00 FINISHED SURFACE LEVEL
- 375 ϕ STORMWATER PIPE WITH SIZE
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- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- EXISTING SEWER MAIN
- EXISTING GAS MAIN



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Drawn	Checked	Designed	Approved
FX	AM	FX	AM

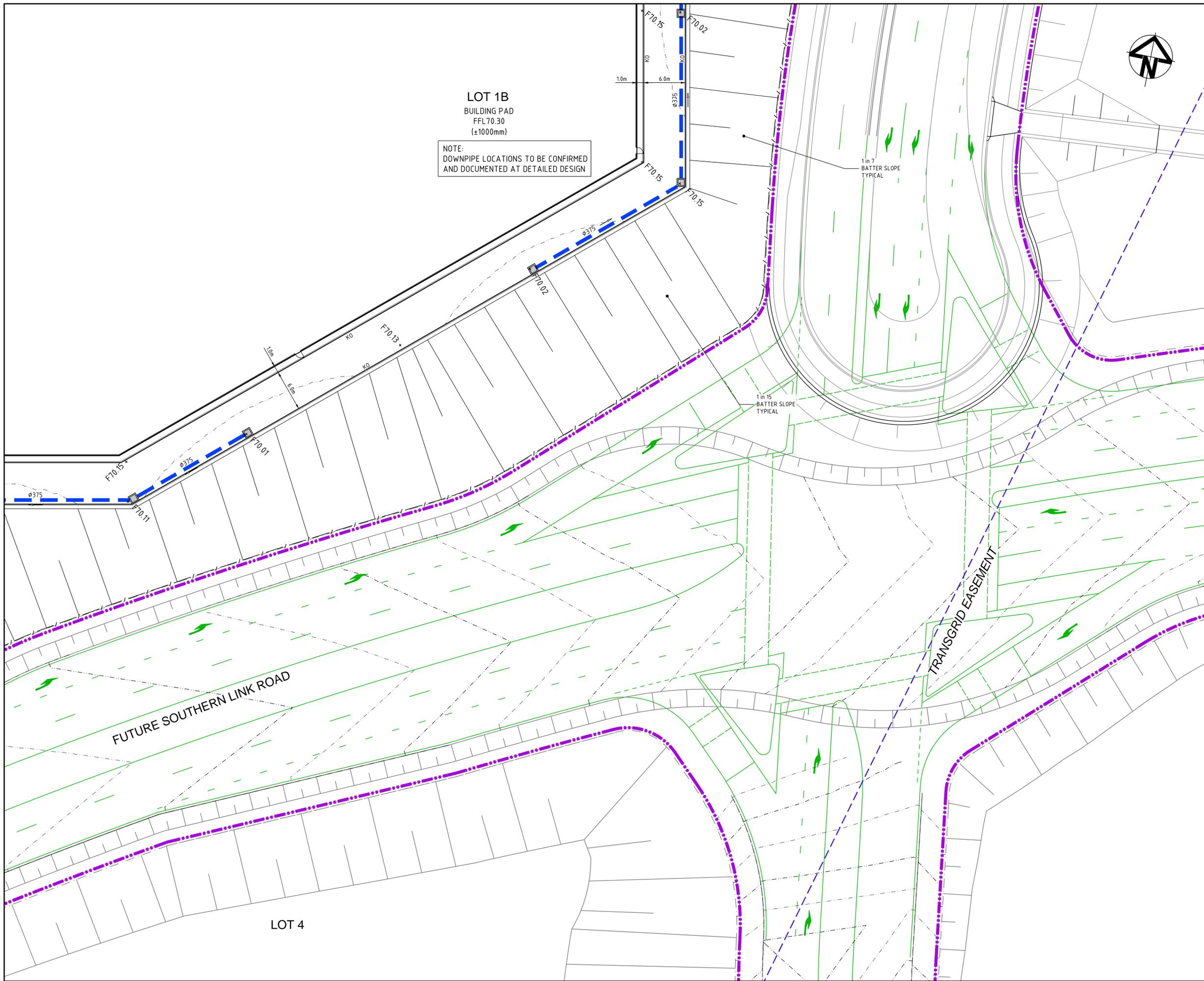


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Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

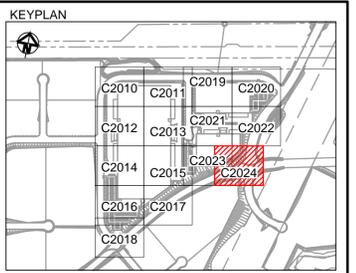
Title
SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 14 OF 15

Drawing No.	Project No.	Issue
15-272-C203	15-272	A3



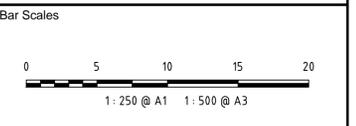
LOT 1B
 BUILDING PAD
 FFL 70.30
 (±1000mm)

NOTE:
 DOWNPIPE LOCATIONS TO BE CONFIRMED
 AND DOCUMENTED AT DETAILED DESIGN



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED CONTOUR
- K&G KERB AND GUTTER
- KO KERB ONLY
- +F75.00 FINISHED SURFACE LEVEL
- 375Ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT
- SURFACE INLET PIT
- HEADWALL
- PROPOSED RETAINING WALL REFER '1000-SERIES' INFRASTRUCTURE PACKAGE FOR DETAILS
- SITE FENCE
- GUARDRAIL SAFETY BARRIER
- S EXISTING SEWER MAIN
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A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Drawn	FX
Designed	FX
Checked	AM
Approved	AM



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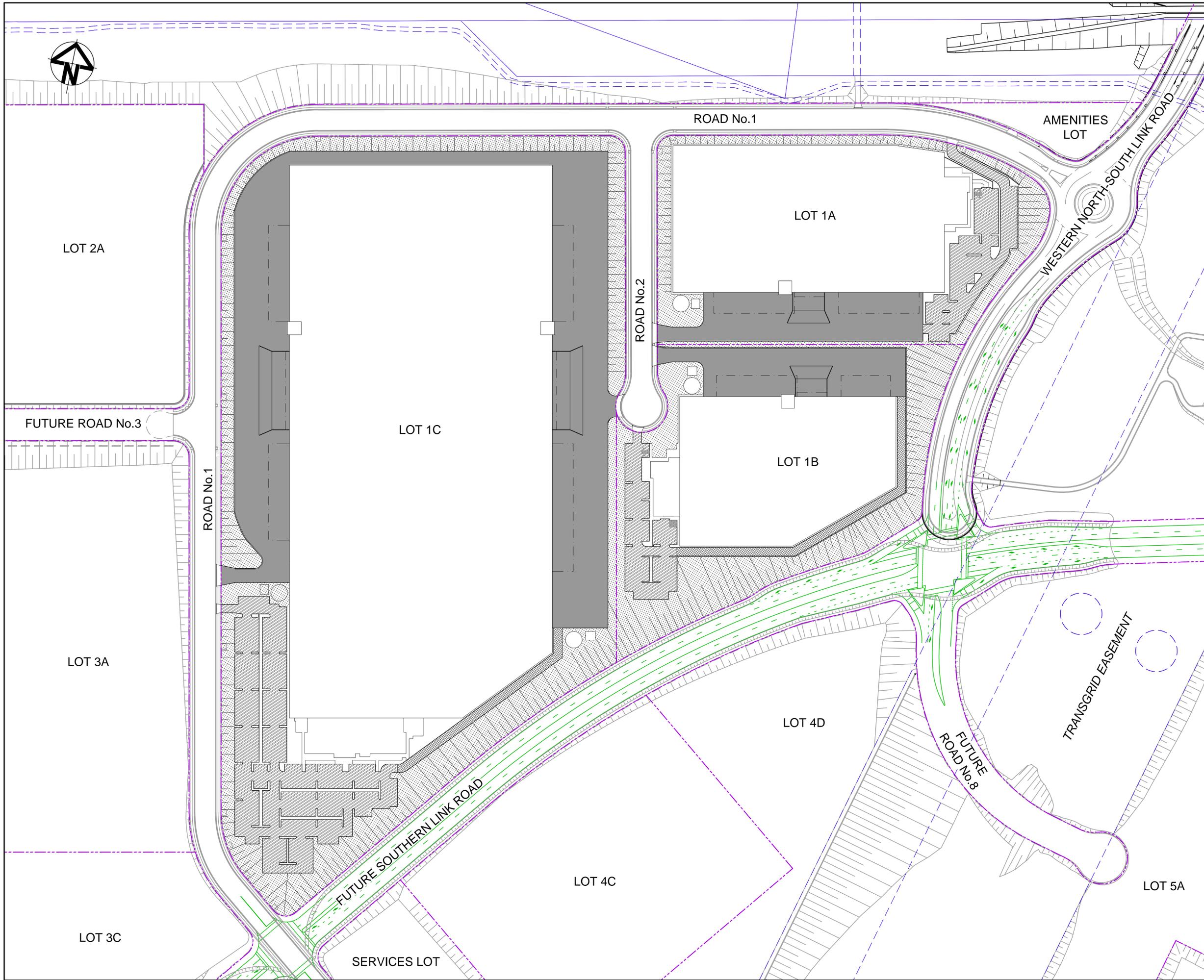
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Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

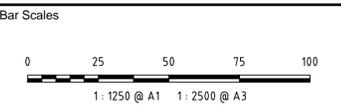
Title
SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 15 OF 15

Drawing No.	Project No.	Issue
15-272-C2024	15-272	A3



LEGEND

- HEAVY DUTY RIGID PAVEMENT
- LIGHT DUTY FLEXIBLE PAVEMENT
- LANDSCAPING
- FIRE ACCESS TRACK



Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL	21-09-18
A2	ISSUED FOR SSD APPROVAL	04-05-18
A1	ISSUED FOR SSD APPROVAL	14-03-17

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Drawn	FX
Designed	FX
Checked	AM
Approved	AM



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Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
PAVEMENT PLAN

Drawing No.	Project No.	Issue
15-272-C2030	15-272	A3