

GENERAL NOTES	
GN1	ALL WORKMANSHIP AND MATERIALS SHALL COMPLY WITH THE NATIONAL CONSTRUCTION CODE OF AUSTRALIA AND THE RELEVANT CURRENT AUSTRALIAN STANDARDS.
GN2	ANY DISCREPANCIES, OMISSIONS OR ERRORS SHALL BE REPORTED TO THE SUPERINTENDENT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
GN3	DO NOT SCALE MEASUREMENTS FROM THE DRAWINGS.

SITWORKS NOTES	
SN1	DATUM : Australian Height Datum (AHD) ORIGIN OF LEVELS : SSM 47493 RL3.159 ORIGIN OF CO-ORDINATES : SSM 47493 - E:330198.094, N:6246506.291 SURVEY PREPARED BY : LTS SURVEYORS www.ltsl.com.au PH: 1300 587 000
SN2	THE CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK, AND REPORT ANY DISCREPANCIES TO THE SUPERINTENDENT.
SN3	ALL EXISTING SERVICES (INCLUDING ANY NOT SHOWN ON THE PLANS) MUST BE ACCURATELY LOCATED IN POSITION AND LEVEL PRIOR TO ANY EXCAVATION. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT. MINIMUM SERVICE CLEARANCES SHALL BE MAINTAINED FROM THE RELEVANT SERVICE AUTHORITY.
SN4	THE CONTRACTOR SHALL ARRANGE FOR ALL SETTING OUT BY A REGISTERED SURVEYOR.
SN5	IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE DEPARTMENT OF LAND AND PROPERTY INFORMATION NSW, OF ANY SURVEY MARKS THAT WILL BE DESTROYED IN THE CONSTRUCTION OF WORKS. CONTACT HEAD OFFICE ON 1300 052 637 www.lpi.nsw.gov.au AND http://scims.lpi.nsw.gov.au/status_report_frames.html
SN6	THE CONTRACTOR SHALL OBTAIN ALL REGULATORY AUTHORITY APPROVALS AT THEIR OWN EXPENSE.
SN7	WHERE NEW WORKS ABUT EXISTING, THE CONTRACTOR MUST ENSURE THAT A SMOOTH AND EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
SN8	ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION, UNLESS SPECIFIED OTHERWISE.
SN9	EXCAVATED TRENCHES SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT NATURAL MATERIAL. ANY SUBSIDENCES DURING THE PERIOD TO BE RECTIFIED AS DIRECTED BY THE SUPERINTENDENT.
SN10	ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE LANDSCAPE ARCHITECT'S DETAILS AND / OR BY - PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE, ENSURING THAT NOTHING IS NAILED TO THEM. PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS - ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 1.5m OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICH EVER IS THE GREATER, A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (eg A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300mm CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.
SN11	RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER ARE TO BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE SHALL BE IN A MANNER APPROVED BY THE SUPERINTENDENT OR AS SPECIFIED IN THE WORKS CONTRACT.


EARTHWORKS NOTES											
EW1	ALL WORK SHALL COMPLY WITH AS3798 (2007) - GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS.										
EW2	STRIP TOPSOIL TO EXPOSE NATURALLY OCCURRING ENGINEERING MATERIAL AND STOCKPILE ON SITE FOR REUSE AS DIRECTED BY THE SUPERINTENDENT.										
EW3	ALL SOFT, WET OR UNSUITABLE MATERIAL TO BE REMOVED AS DIRECTED BY THE SUPERINTENDENT AND REPLACED WITH APPROVED FILL MATERIAL.										
EW4	ALL FILL MATERIAL SHALL BE FROM A SOURCE APPROVED BY THE SUPERINTENDENT AND SHALL COMPLY WITH THE FOLLOWING - A) FREE FROM ORGANIC AND PERISHABLE MATTER, B) MAXIMUM PARTICLE SIZE 75mm, C) PLASTICITY INDEX - BETWEEN 2% AND 15%.										
EW5	ALL FILL MATERIAL SHALL BE PLACED IN MAXIMUM 200mm THICK LAYERS AND COMPACTED AT OPTIMUM MOISTURE CONTENT (+ OR - 2%) TO ACHIEVE A DRY DENSITY DETERMINED IN ACCORDANCE WITH AS1289.5.1.1 -2003 - METHODS OF TESTING SOILS FOR ENGINEERING PURPOSES, OF NOT LESS THAN THE FOLLOWING STANDARD MINIMUM DRY DENSITY -										
	<table border="1"> <thead> <tr> <th>LOCATION</th> <th>STANDARD DRY DENSITY</th> </tr> </thead> <tbody> <tr> <td>UNDER BUILDING SLABS</td> <td>98%</td> </tr> <tr> <td>VEHICULAR PAVED AREAS</td> <td>100%</td> </tr> <tr> <td>NON-VEHICULAR PAVED AREAS</td> <td>98%</td> </tr> <tr> <td>LANDSCAPED AREAS</td> <td>95%</td> </tr> </tbody> </table>	LOCATION	STANDARD DRY DENSITY	UNDER BUILDING SLABS	98%	VEHICULAR PAVED AREAS	100%	NON-VEHICULAR PAVED AREAS	98%	LANDSCAPED AREAS	95%
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EW6	THE CONTRACTOR SHALL PROGRAM THE EARTHWORKS OPERATION SO THAT THE WORKING AREAS ARE ADEQUATELY DRAINED DURING THE PERIOD OF CONSTRUCTION. THE SURFACE SHALL BE GRADED AND SEALED OFF TO REMOVE DEPRESSIONS, ROLLER MARKS AND SIMILAR WHICH WOULD ALLOW WATER TO POND AND PENETRATE THE UNDERLYING MATERIAL. ANY DAMAGE RESULTING FROM THE CONTRACTOR NOT OBSERVING THESE REQUIREMENTS SHALL BE RECTIFIED BY THE CONTRACTOR AT THEIR OWN EXPENSE.										
EW7	TESTING OF THE FILL MATERIAL SHALL BE CARRIED OUT BY AN APPROVED NATA REGISTERED LABORATORY AT THE CONTRACTORS EXPENSE.										
EW8	WHERE THE SUBGRADE IS UNABLE TO SUPPORT CONSTRUCTION EQUIPMENT, OR IT IS NOT POSSIBLE TO COMPACT OVERLYING PAVEMENT LAYERS, ONLY BECAUSE OF THE SUBGRADE MOISTURE CONTENT, THEN THE CONTRACTOR SHALL CONDITION OR REPLACE THE MATERIAL AT THE CONTRACTORS DISCRETION AND EXPENSE.										
EW9	EARTHWORKS CALCULATIONS ARE VOLUMETRIC ONLY AND DO NOT ALLOW FOR BULKING OF EXCAVATED MATERIAL. IT IS THE CONTRACTORS RESPONSIBILITY TO MAKE ALLOWANCES FOR THESE ITEMS AS PART OF THE TENDER / WORKS.										
EW10	NO ALLOWANCE HAS BEEN MADE FOR FOOTINGS OR FOUNDATIONS, RETAINING WALLS OR TRENCHING. IT IS THE CONTRACTORS RESPONSIBILITY TO MAKE ALLOWANCES FOR THESE ITEMS AS PART OF THE TENDER / WORKS.										

EXISTING SERVICES NOTES	
ES1	EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA AND AS SUCH THEIR ACCURACY CANNOT BE GUARANTEED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT.
ES2	THE CONTRACTOR SHALL ALLOW FOR THE CAPPING OFF, EXCAVATION AND REMOVAL IF REQUIRED OF ALL REDUNDANT EXISTING SERVICES IN AREAS AFFECTED BY WORKS WITHIN THE CONTRACT AREA, AS SHOWN ON THE DRAWINGS UNLESS DIRECTED OTHERWISE BY THE SUPERINTENDENT.
ES3	THE CONTRACTOR SHALL ENSURE THAT AT ALL TIMES SERVICES TO ALL BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED.
ES4	IF REQUIRED, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS REMAINING IN OPERATION DURING WORKS TO THE SATISFACTION AND APPROVAL OF THE SUPERINTENDENT. ONCE DIVERSION IS COMPLETE AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL SUCH TEMPORARY SERVICES AND MAKE GOOD TO THE SATISFACTION OF THE SUPERINTENDENT AND THE RELEVANT SERVICE AUTHORITY.
ES5	INTERRUPTION TO SUPPLY OF EXISTING SERVICES SHALL BE DONE SO AS NOT TO CAUSE ANY INCONVENIENCE TO THE PRINCIPAL. THE CONTRACTOR IS TO GAIN APPROVAL FROM THE SUPERINTENDENT FOR TIME OF INTERRUPTION - THE CONTRACTOR IS RESPONSIBLE FOR ALL LIAISON.
ES6	ALL BRANCH GAS AND WATER SERVICES UNDER DRIVEWAYS AND BRICK PAVING SHALL BE LOCATED IN Ø80mm uPVC SEWER GRADE CONDUITS EXTENDING A MINIMUM OF 500mm BEYOND THE EDGE OF PAVING.
ES7	CLEARANCE AND COVER REQUIREMENTS SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY BEFORE COMMENCEMENT OF WORKS AND SHALL BE ADHERED TO AT ALL TIMES.
ES8	CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER TELECOM OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS ONLY.

SOIL AND WATER MANAGEMENT NOTES	
GENERAL INSTRUCTIONS	
SWM01	THESE PLANS PRESENT A CONCEPTUAL SOIL AND WATER MANAGEMENT PLAN (SWMP) ONLY AND SHOWS A POSSIBLE WAY OF MANAGING SOIL AND EROSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT AND MANAGEMENT OF THE SITE AND PREPARING A DETAILED PLAN AND OBTAINING APPROVAL FROM THE RELEVANT AUTHORITY PRIOR TO THE COMMENCEMENT OF ANY WORKS.
SWM02	THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS AND ANY OTHER PLANS, WRITTEN INSTRUCTIONS, SPECIFICATION OR DOCUMENTATION THAT MAY BE ISSUED AND RELATING TO DEVELOPMENT OF THE SUBJECT SITE.
SWM03	THE CONTRACTOR WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE CONSISTENT WITH 'MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION' - ALSO KNOWN AS 'THE BLUE BOOK'.
SWM04	ALL BUILDERS AND SUB-CONTRACTORS SHALL BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.
EROSION CONTROL	
SWM05	WATER SHALL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNTIL SEDIMENT CONCENTRATION IS LESS THEN OR EQUAL TO 50mg/L, ie THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND / OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
SWM06	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.
SWM07	ACCEPTABLE RECEPTORS WILL BE CONSTRUCTED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
SWM08	'SEDIMENT' FENCING WILL BE INSTALLED AS INDICATED ON THE PLANS AND AT THE DIRECTION OF SITE SUPERINTENDENT TO ENSURE CONTAINMENT OF SEDIMENT. THE SEDIMENT FENCING WILL OUTLET OR OVERFLOW UNDER STABILISED CONDITIONS INTO THE SEDIMENT BASIN, TO SAFELY CONVEY WATER INTO A SUITABLE FILTERING SYSTEM SHOULD THE PORES IN THE FABRIC BLOCK.
SWM09	THE SEDIMENT BASINS WILL BE CONSTRUCTED WITH THE MINIMUM WET SEDIMENT CAPACITY OF XX CUBIC METRES AND DESIGNED TO REMAIN STABLE IN AT LEAST THE 1 IN YEAR CRITICAL DURATION STORM EVENT. ARTIFICIAL FLOCCULATION OF THE FINER PARTICLES MAY NOT BE NECESSARY IN THIS INSTANCE.
SWM10	STOCKPILES SHOULD NOT BE LOCATED WITHIN 5m OF TREES AND HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS, DRAINAGE LINES, PAVED AREAS AND DRIVEWAYS, WHERE THEY ARE WITHIN 5M FROM SUCH AREAS. SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSTREAM WATERS. MEASURES SHOULD ALSO BE APPLIED TO PREVENT THE EROSION OF THE STOCKPILE.
SWM11	ALL CUT AND FILL BATTERS ARE TO BE SEEDED AND MULCHED WITHIN 14 DAYS OF COMPLETION OF FORMATION.
SWM12	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 1.5 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.
SWM13	DURING WINDY WEATHER, LARGE DISTURBED UNPROTECTED AREAS SHOULD BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
SWM14	TEMPORARY PROTECTION FROM EROSION FORCES WILL BE UNDERTAKEN ON LANDS WHERE FINAL SHAPING HAS NOT BEEN COMPLETED BUT WORKS ARE UNLIKELY TO PROCEED FOR PERIODS OF TWO MONTHS OR MORE (EG. ON TOPSOIL STOCKPILES). THIS MAY BE ACHIEVED WITH A VEGETATIVE COVER. A RECOMMENDED LISTING OF PLANT SPECIES FOR TEMPORARY COVER IS - i) AUTUMN / WINTER SOWING - OATS / RYE CORN AT 20 kg/ha - JAPANESE MILLET AT 10 kg/ha ii) SPRING / SUMMER SOWING - JAPANESE MILLET AT 20 kg/ha - OATS / RYE CORN AT 10 kg/ha
SWM15	DIVERSION BANKS / CHANNELS WILL BE REHABILITATED AS SOON AS POSSIBLE AND WITHIN 5 WORKING DAYS FROM THEIR FINAL SHAPING. OTHER THAN IN THE WINTER MONTHS, SUITABLE MATERIALS INCLUDE TURF GRASSES SUCH AS COUCH OR KIKUYU. DURING WINTER, OR AT OTHER TIMES WHEN TEMPORARY REHABILITATION (MORE THAN 3 MONTHS) IS REQUIRED, IT IS SUGGESTED THAT HESSIAN CLOTH IS USED BUT ONLY IF TACKED WITH APPROPRIATE PEGS AND AN ANIONIC BITUMEN EMULSION. FOOT AND VEHICULAR TRAFFIC SHOULD BE KEPT AWAY FROM THESE AREAS.
SWM16	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.
CONSTRUCTION SEQUENCE	
SWM17	WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE SHOULD BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE - (i) INSTALL INLET SEDIMENT TRAPS TO ALL GULLY PITS FRONTING THE SITE, (iii) INSTALL A 1.8m CHAIN WIRE FENCE AROUND THE BOUNDARIES AND ATTACH HESSIAN CLOTH OR SIMILAR TO IT ON THE WINDWARD SIDE (TIES AT THE TOP, CENTRE AND BOTTOM AND AT 1M INTERVALS OR AS INSTRUCTED BY THE SUPERINTENDENT), (iii) INSTALL GEOFABRIC SEDIMENT FENCE AND SEDIMENT TRAPS AROUND ALL PERMANENT STORMWATER RETICULATION STRUCTURES AS SHOWN ON THE PLAN, (ii) CONSTRUCT STABILISED CONSTRUCTION ENTRANCE AS SHOWN ON THE PLAN OR TO LOCATION AS DETERMINED BY SUPERINTENDENT, (v) INSTALL DIVERSION BANKS ALONG THE BOUNDARY WHERE REQUIRED, REHABILITATE DISTURBED LANDS DOWNSLOPE FROM THE BASINS WITHIN 20 WORKING DAYS, (vi) ENSURE THAT THE SEDIMENT BASIN IS DIRECTED ONTO A TURFED AREA AND DRAINS TO A SUITABLE LOCATION. A TEMPORARY STORMWATER LINE MAY BE NECESSARY TO CONVEY THE FLOWS TO THIS LOCATION. CONSTRUCT DIVERSION CHANNELS AT THE BOUNDARY TO DRAIN INTO THE SEDIMENT BASIN AS SHOWN ON PLANS, (vii) AT COMPLETION STABILISE SITE AND DECOMMISSION SEDIMENT BASIN AND ALL EROSION CONTROL DEVICES. SWM18 TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED. SWM19 FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.
SITE INSPECTION AND MAINTENANCE	
SWM20	AT LEAST WEEKLY AND AFTER EVERY RAIN FALL EVENT, THE CONTRACTOR WILL INSPECT THE SITE AND ENSURE THAT - (i) DRAINS AND ALL SEDIMENT CONTROL DEVICES OPERATE EFFECTIVELY AND INITIATE REPAIR OR MAINTENANCE AS REQUIRED, (ii) RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER ARE TO BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE SHALL BE IN A MANOR APPROVED BY THE SUPERINTENDENT, (iii) SPILLED SAND (OR OTHER MATERIALS) IS REMOVED FROM HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS, GUTTERS, PAVED AREAS AND DRIVEWAYS, (iv) SEDIMENT IS REMOVED FROM BASINS AND / OR TRAPS WHEN LESS THAN 20m ³ OF TRAPPING CAPACITY REMAIN PER 1000m ² OF DISTURBED LANDS, AND / OR LESS THAN 500mm DEPTH REMAINS IN THE SETTLING ZONE. ANY COLLECTED SEDIMENT WILL BE DISPOSED IN AREAS WHERE FURTHER POLLUTION TO DOWN SLOPE LANDS AND WATERWAYS IS UNLIKELY, (v) REHABILITATED LANDS HAVE EFFECTIVELY REDUCED THE EROSION HAZARD AND INITIATE UPGRADING OR REPAIR AS APPROPRIATE.
SWM21	THE CONTRACTOR SHALL PROVIDE ALL MONITORING CONTROL AND TESTING.

STORMWATER NOTES	
SW1	FOR RESIDENTIAL SUBDIVISIONS AND PUBLIC ROADS - ALL Ø375mm TO Ø600mm DRAINAGE PIPES SHALL BE CLASS 4 APPROVED SPIGOT AND SOCKET REINFORCED CONCRETE PIPES WITH RUBBER RING JOINTS (UNO). ALL Ø675mm OR LARGER DRAINAGE PIPES SHALL BE CLASS 3 APPROVED SPIGOT AND SOCKET REINFORCED CONCRETE PIPES WITH RUBBER RING JOINTS (UNO). ALL PVC-U DRAINAGE PIPES IN FOOTWAYS OR ACCESS WAYS SHALL BE DWV GRADE CLASS SN8 IN ACCORDANCE WITH AS/NZS 1260:2009 - PVC-U PIPES AND FITTINGS FOR DRAIN, WASTE AND VENT APPLICATION. HEAVY DUTY PVC-U PIPES TO BE IN ACCORDANCE WITH AS/NZS 1254 / 2010 - PVC PIPES AND FITTINGS FOR STORM AND SURFACE WATER APPLICATIONS MAY BE USED WITHIN ALLOTMENTS.
SW2	FOR COMMERCIAL OR INDUSTRIAL SITES - ALL Ø300mm TO Ø600mm DRAINAGE PIPES SHALL BE CLASS 4 APPROVED SPIGOT AND SOCKET REINFORCED CONCRETE PIPES WITH RUBBER RING JOINTS (UNO). ALL Ø675mm OR LARGER DRAINAGE PIPES SHALL BE CLASS 3 APPROVED SPIGOT AND SOCKET REINFORCED CONCRETE PIPES WITH RUBBER RING JOINTS (UNO). ALL DRAINAGE PIPES LESS THAN OR EQUAL TO Ø225mm SHALL BE PVC-U DWV GRADE CLASS SN8 IN ACCORDANCE WITH AS/NZS 1260 : 2009 - PVC-U PIPES AND FITTINGS FOR DRAIN, WASTE AND VENT APPLICATION WITH SOLVENT WELDED JOINTS.
SW3	EQUIVALENT STRENGTH FIBROUS REINFORCED CONCRETE (F.R.C.) AND / OR HIGH DENSITY POLYETHYLENE (H.D.P.E.) MAY BE USED SUBJECT TO APPROVAL BY THE SUPERINTENDENT.
SW4	ALL PIPE JUNCTIONS UP TO AND INCLUDING Ø450mm AND TAPERS, SHALL BE VIA PURPOSE MADE FITTINGS (UNO).
SW5	MINIMUM GRADE TO STORMWATER LINES TO BE 1% (UNO).
SW6	CONTRACTOR TO SUPPLY AND INSTALL ALL FITTINGS AND SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION BETWEEN DISSIMILAR PIPEWORK.
SW7	ALL CONNECTIONS TO EXISTING DRAINAGE PITS SHALL BE MADE IN A TRADESMAN-LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH WITH NO PROTRUSIONS.
SW8	ALL IN-SITU CONCRETE PITS TO BE 32Mpa MINIMUM AT 28 DAYS.
SW9	PITS AND PIPES IN AREAS OF SALINITY HAZARD SHALL HAVE INCREASED COVER TO ANY REINFORCEMENT.
SW10	Precast concrete pits may be installed in lieu of cast in-situ pits, when pipe junctions are accommodated within the overall dimensions of the pit, and approved by the superintendent.
SW11	PITS DEEPER THAN 1000mm SHALL HAVE STEP IRONS INSTALLED IN ACCORDANCE WITH THE LOCAL OR STATUTORY AUTHORITY REQUIREMENTS.
SW12	BEDDING SHALL BE TYPE H2 (UNO) FOR PIPES NOT UNDER PAVEMENTS, AND TYPE HS2 FOR PIPES UNDER PAVEMENTS IN ACCORDANCE WITH AS/NZS 3725 :2007 - DESIGN FOR INSTALLATION OF BURIED CONCRETE PIPES.
SW13	BACKFILL TRENCH WITH SAND OR APPROVED GRANULAR BACKFILL TO 300mm (MIN) ABOVE THE PIPE. WHERE THE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO PAVEMENT SUBGRADE WITH SAND OR APPROVED GRAVEL SUB-BASE COMPACTED IN 150mm LAYERS TO 98% STANDARD MAXIMUM DRY DENSITY. THE CONTRACTOR IS TO ENSURE COMPACTION EQUIPMENT IS APPROPRIATE FOR THE PIPE CLASS USED.
SW14	WHERE STORMWATER LINES PASS UNDER FLOOR SLABS DWV GRADE PVC-U RUBBER RING JOINTS ARE TO BE USED (UNO).
SW15	WHERE SUBSOIL DRAINAGE LINES PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED PVC-U DWV GRADE CLASS SN8 PIPE SHALL BE USED.
SW16	PROVIDE 3m LENGTH OF Ø100mm SUBSOIL DRAINAGE LINE OR 200 'NYLEX' STRIP DRAIN SURROUNDED WITH 150mm OF 20mm BLUE METAL OR GRAVEL, AND WRAPPED IN 'BIDIM' A24 GEOTEXTILE FILTER FABRIC OR APPROVED EQUIVALENT, AT INVERT OF INCOMING UPSTREAM PIPE ON EACH PIT.

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												MARRICKVILLE TIMBER YARDS MARRICKVILLE, NSW 2204 GENERAL NOTES	Drawn: J. O Designed: J. LAOKITTI CHAI Checked: J.H. LEE Approved: D. FETTELL	Revision: 02 Status: INF Security: STD
		02 01	17.12.24 08.11.24	ISSUE FOR SSDA ISSUE FOR DRAFT SSDA	JHL JHL	DF DF							DRAWING NUMBER	104007-MMD-00-XX-DR-C-0011

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Not for Construction

ISO A1 594mm x 841mm



LEGEND		
	SITE BOUNDARY	
	ADJACENT BOUNDARY	
	PROPOSED / EXISTING / EXISTING REMOVED TREES	

GENERAL NOTES	
1.	FOR GENERAL NOTES, REFER TO DRAWING SERIES 0011
2.	FOR GRADING AND DRAINAGE PLANS, REFER TO DRAWING SERIES 0101.
3.	FOR PAVEMENT TYPES AND EXTENTS, REFER TO DRAWING SERIES 0201.
4.	FOR COMBINED UTILITIES PLANS, REFER TO DRAWING SERIES 0801.
5.	FOR SOIL & WATER MANAGEMENT PLANS, REFER TO DRAWING SERIES 0951.
6.	REFER TO LANDSCAPE PLANS FOR THE TREES TO BE REMOVED. ARBORIST TO CONFIRM REMOVAL OF EXISTING TREES.

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	Level 10, 383 Kent Street Sydney, NSW 2000 Australia NSW 1230, Australia PO Box Q1678, QVB Sydney T +61 (0)2 9098 6800 W www.mottmac.com	SCALE CLIENT	TITLE MARRICKVILLE TIMBER YARDS MARRICKVILLE, NSW 2204 GENERAL ARRANGEMENT PLAN	DRAWING INFORMATION Drawn: J. O Designed: J. LAOKITTICHAJ Checked: J.H. LEE Approved: D. FETTELL	Revision: 02 Status: INF Security: STD											
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LEGEND	
	SITE BOUNDARY
	ADJACENT BOUNDARY
	EXISTING EASEMENT BOUNDARY
	SURVEY
	PROPOSED AREA OF BASEMENT 01 EXCAVATION

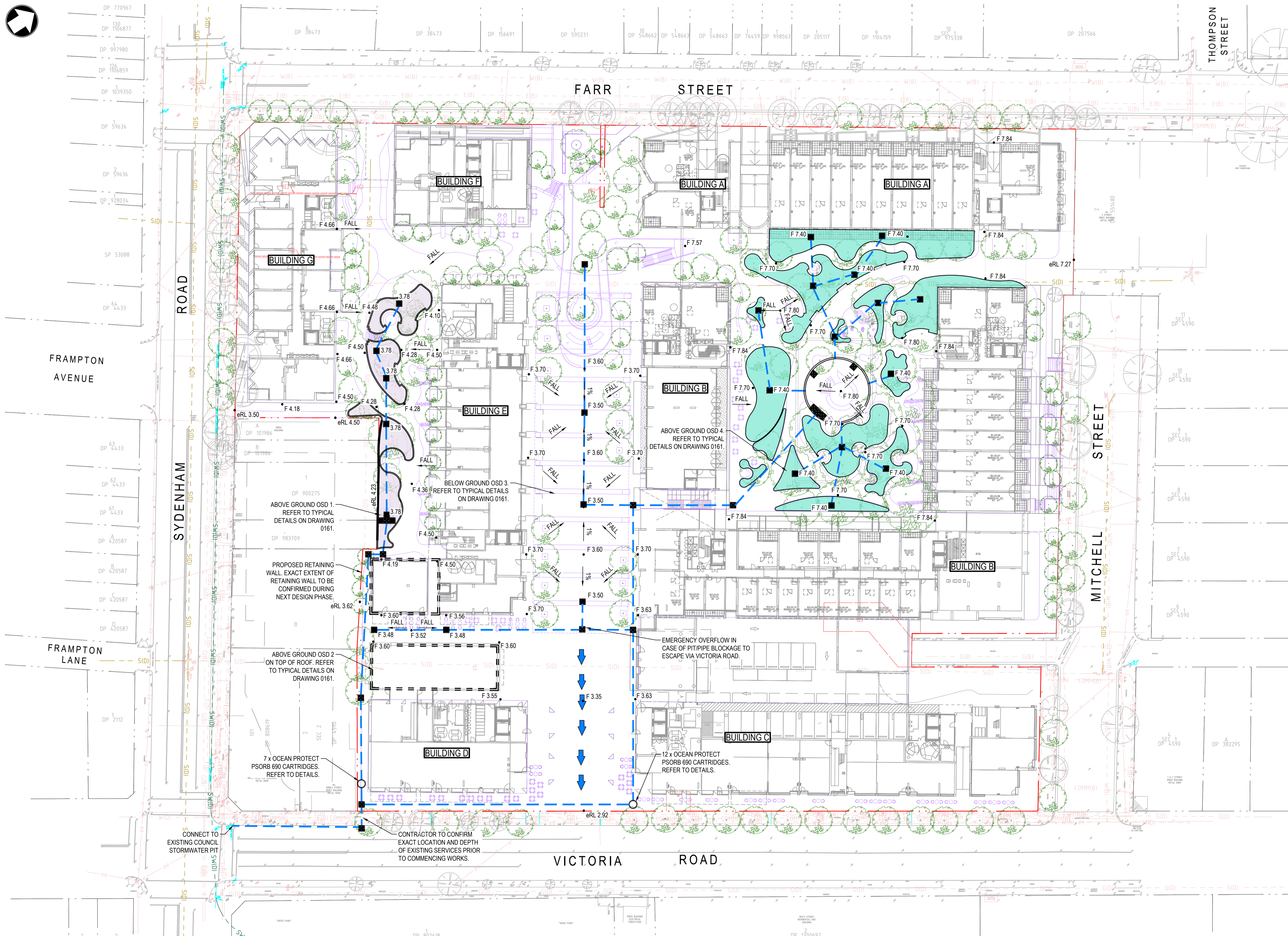
EARTHWORK VOLUMES	
APPROXIMATE VOLUMES:	
TOTAL CUT =	-37.721 m ³
TOTAL FILL =	0 m ³
BALANCE =	-37.721 m ³ (EXCESS CUT)
ASSUMPTIONS:	
<ul style="list-style-type: none"> AVERAGE EXISTING GROUND LEVEL (CALCULATED) = RL 5.50 mAHD EXCAVATION LEVEL = RL 0.58 mAHD EXCAVATION DEPTH = RL 5.50m - RL 0.58m = 4.92 	

EARTHWORK NOTES	
ESTIMATED VOLUMES BETWEEN EXISTING SURFACE RL 5.50 AND PROPOSED BASEMENT LEVEL 01 RL 0.58.	
<ul style="list-style-type: none"> IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL VOLUMES PRIOR TO CONSTRUCTION. TOPSOIL STRIPPING HAS NOT BEEN INCLUDED WITHIN THE VOLUME CALCULATIONS. NO ALLOWANCES HAS BEEN MADE FOR BUILDING SLABS. NO ALLOWANCES HAS BEEN MADE FOR CONCRETE PAVEMENT. NO ALLOWANCES HAS BEEN MADE FOR FOOTPATH PAVEMENT. NO ALLOWANCES HAS BEEN MADE FOR RETAINING WALL FOOTINGS. VOLUMES WITHIN STORMWATER TRENCHES HAS NOT BEEN CALCULATED. NO BULKING FACTORS HAVE BEEN APPLIED. 	

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	02 17.12.24 ISSUE FOR SSSA JHL DF	Rev Date Description Ch'k'd App'd	SCALE 1:400	CLIENT	DRAWING NUMBER 104007-MMD-00-XX-DR-C-0071	



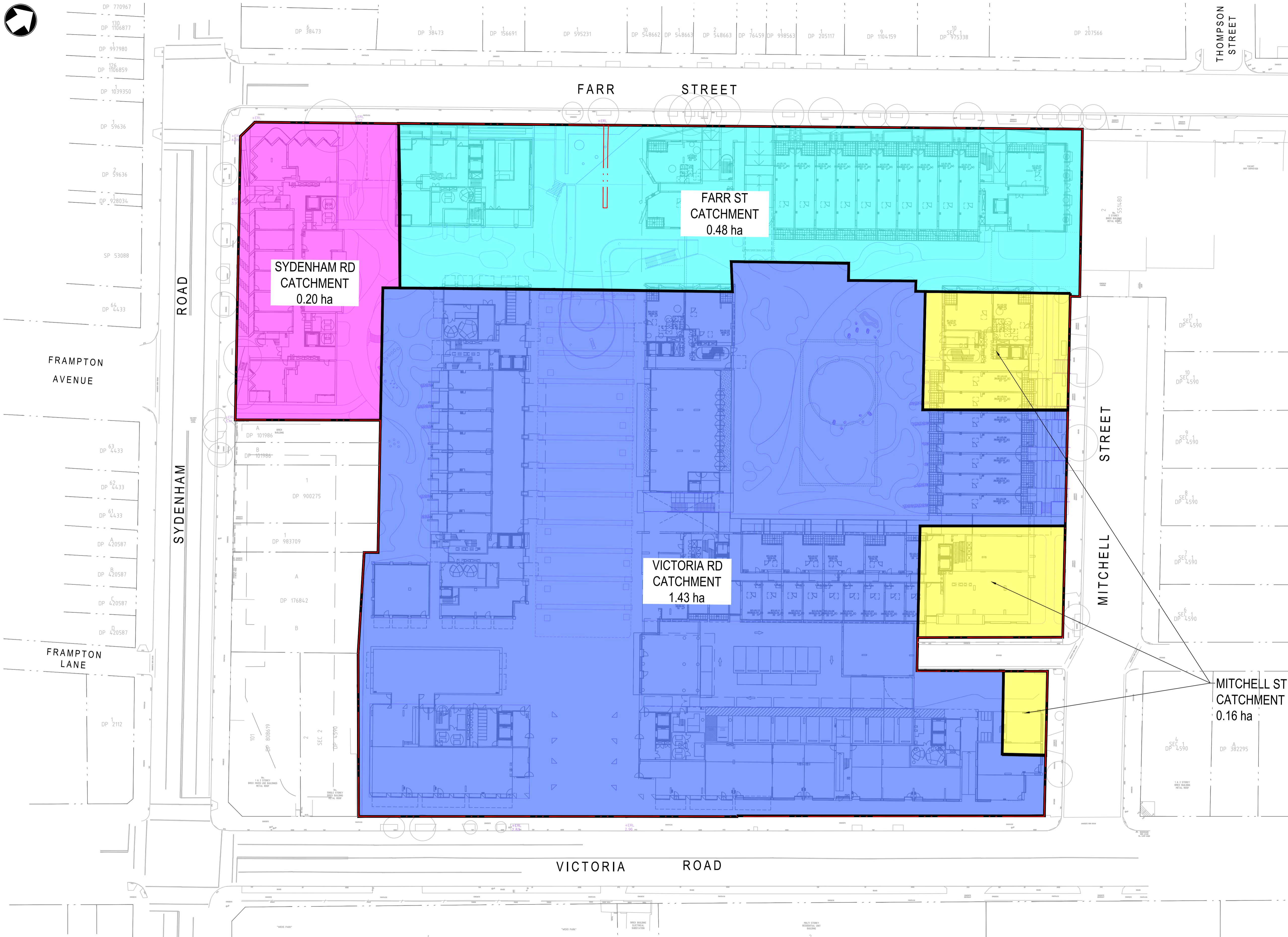
LEGEND	
	SITE BOUNDARY
	ADJACENT BOUNDARIES
	EXISTING EASEMENT
	PROPOSED LANDSCAPE TREES
	EXISTING TREES TO BE RETAINED
	PROPOSED SURFACE INLET / JUNCTION PIT LIDS
	PROPOSED DRAINAGE PIPE
	ABOVE GROUND OSD 1
	OSD 2 (ON TOP OF ROOF)
	ABOVE GROUND OSD 3
	ABOVE GROUND OSD 4

GENERAL NOTES	
1.	REFER TO HYDRAULIC ENGINEER'S DRAWINGS FOR ROOF DRAINAGE AND RAINWATER TANK DETAILS. RAINWATER TANK OVERFLOW TO CONNECT TO DESIGNATED OSD AS PER POST DEVELOPMENT CATCHMENT PLAN DRAWING 0141.
2.	REFER TO LANDSCAPE DRAWINGS FOR LANDSCAPE SUBSOIL DETAILS.
3.	FINAL LOCATION OF PROPOSED TREES TO BE COORDINATED WITH PROPOSED STORMWATER NETWORK DURING NEXT DESIGN PHASE.
4.	ALL EXISTING STORMWATER PITS AND PIPES WITHIN SITE TO BE MADE REDUNDANT AND REMOVED UNLESS NOTED OTHERWISE.
5.	PROPOSED STORMWATER SYSTEM TO CONNECT TO EXISTING COUNCIL STORMWATER PIT IN VICTORIA RD.
6.	PROVIDE SUBSOIL DRAINAGE BEHIND RETAINING WALL.

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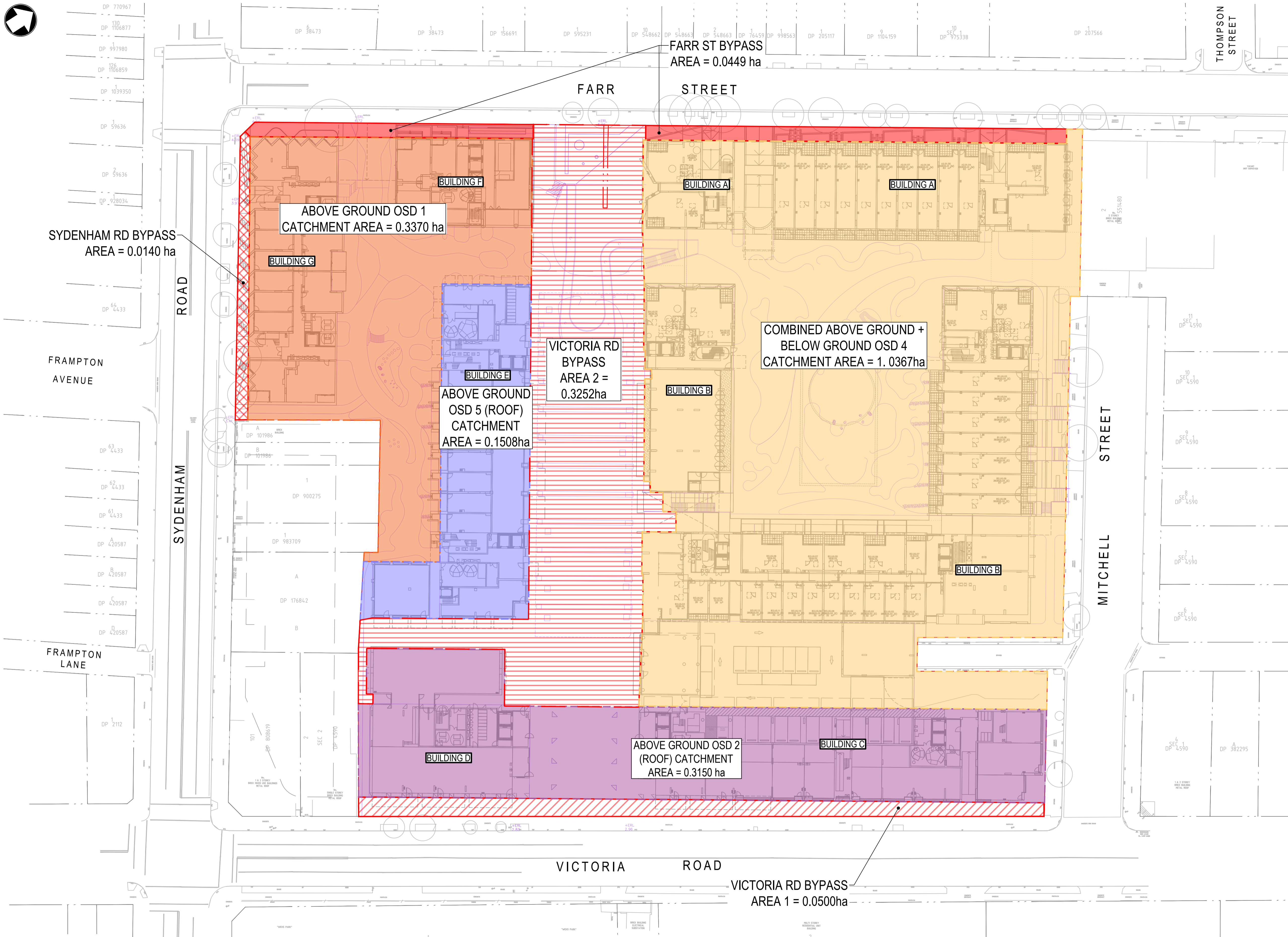


LEGEND	
SITE AREA = 2.27ha	
	EXISTING CATCHMENT - VICTORIA RD
	EXISTING CATCHMENT - FARR ST
	EXISTING CATCHMENT - MITCHELL ST
	EXISTING CATCHMENT - SYDENHAM RD

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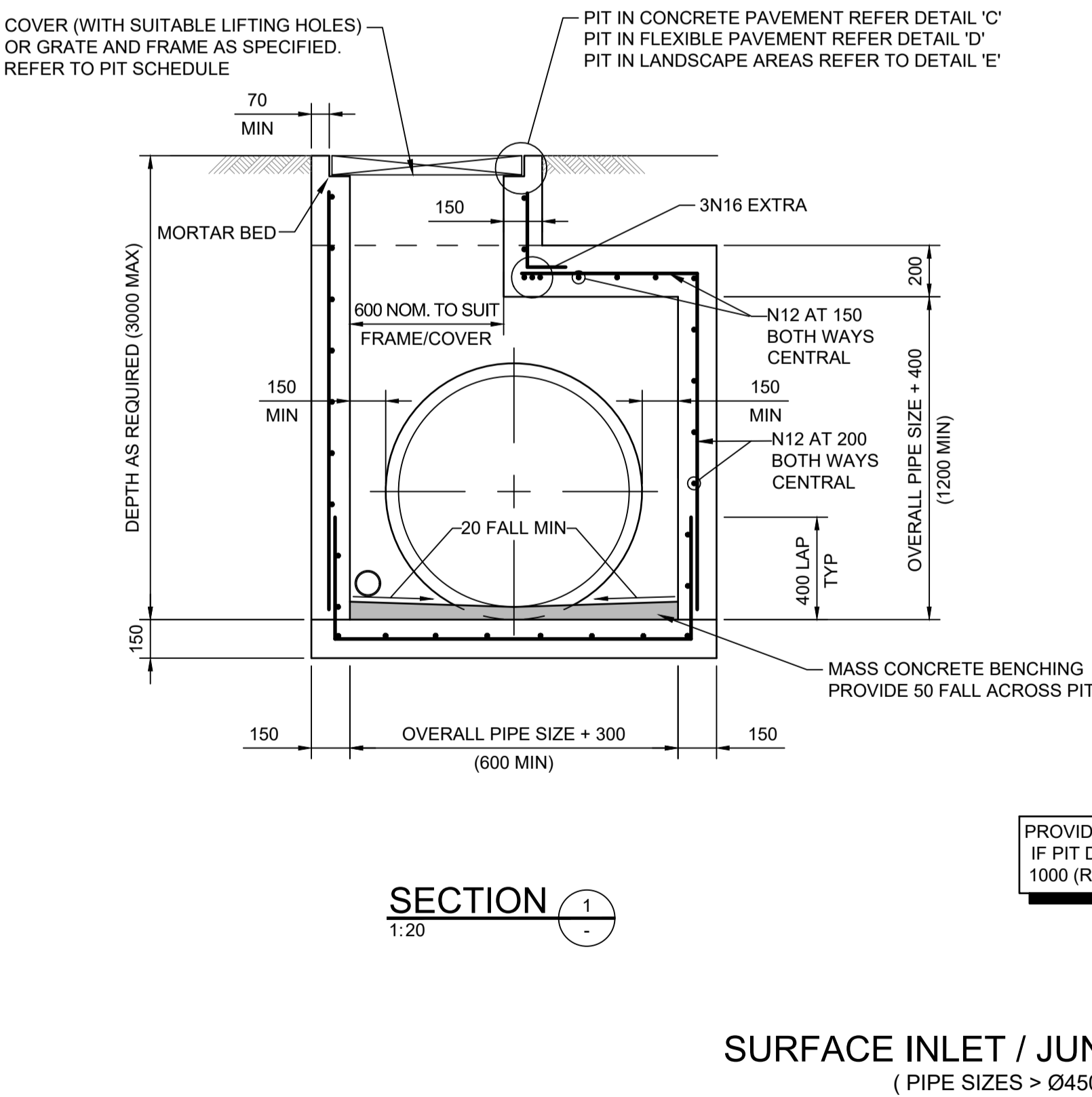
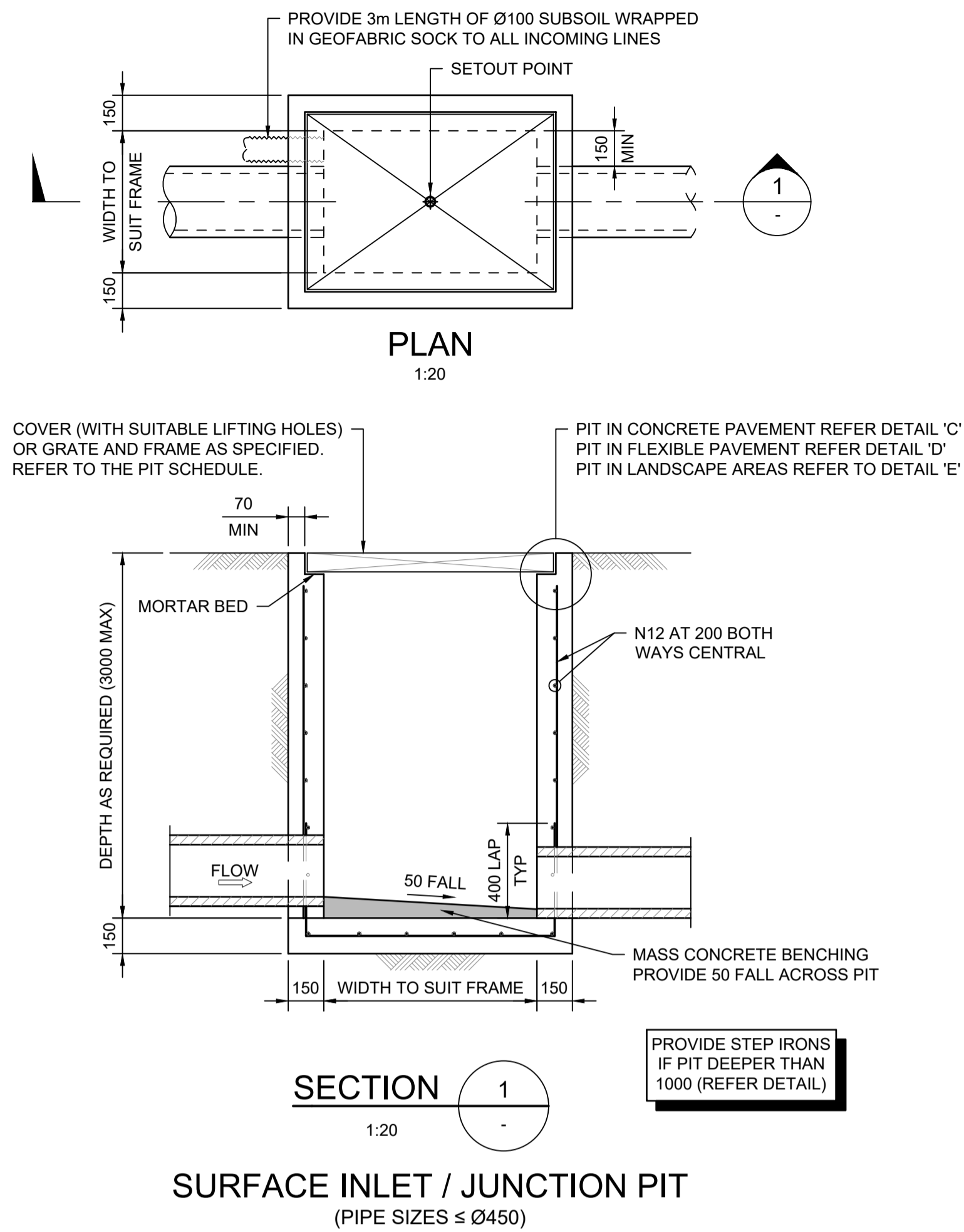


LEGEND	
	SITE BOUNDARY
	ADJACENT BOUNDARY
	EASEMENT BOUNDARY
TOTAL SITE AREA = 2.27 ha	
OSD CATCHMENT	
	ABOVE GROUND OSD 1 CATCHMENT AREA (85% IMPERVIOUS ASSUMED)
	ABOVE GROUND OSD 2 (ROOF) CATCHMENT AREA (100% IMPERVIOUS)
	ABOVE GROUND OSD 4 CATCHMENT AREA (85% IMPERVIOUS ASSUMED)
	ABOVE GROUND OSD 5 (ROOF) CATCHMENT AREA (85% IMPERVIOUS ASSUMED)
	FARR ST BYPASS AREA (0% IMPERVIOUS ASSUMED)
	SYDENHAM RD BYPASS AREA (0% IMPERVIOUS ASSUMED)
	VICTORIA RD BYPASS AREA 1 (0% IMPERVIOUS ASSUMED)
	VICTORIA RD BYPASS AREA 2 (85% IMPERVIOUS ASSUMED)

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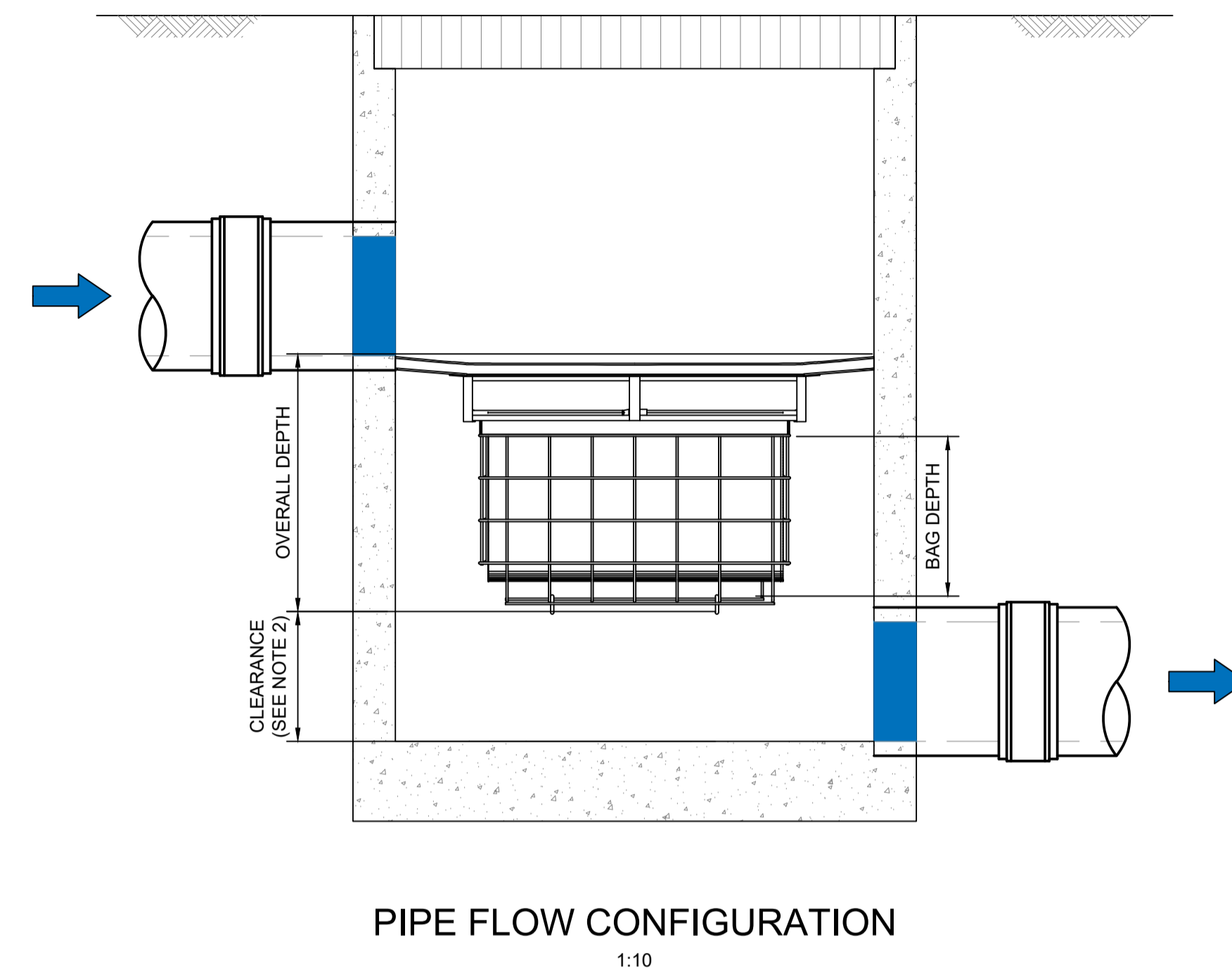
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DRAWING NUMBER 104007-MMD-00-XX-DR-C-0141																					



STORMFILTER DESIGN TABLE			
<ul style="list-style-type: none"> STORMFILTER TREATMENT CAPACITY VARIES BY NUMBER OF FILTER CARTRIDGES INSTALLED. THE STANDARD CONFIGURATION IS SHOWN. ACTUAL CONFIGURATION OF THE SPECIFIED STRUCTURE(S) PER CERTIFYING ENGINEER WILL BE SHOWN ON SUBMITTAL DRAWING(S). FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF-CLEANING. RADIAL MEDIA DEPTH SHALL BE 178mm. 			
CARTRIDGE NAME / SIPHON HEIGHT (mm)	690	460	310
CARTRIDGE PHYSICAL HEIGHT (mm)	840	600	600
TYPICAL WEIR HEIGHT [H] (mm)	920	690	540
CARTRIDGE FLOW RATE FOR ZPG MEDIA (L/s)	1.6	1.1	0.7
CARTRIDGE FLOW RATE FOR PSORB MEDIA (L/s)	0.9	0.46	0.39
SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID	[]		
NUMBER OF CARTRIDGES REQ'D	[]		
SIPHON HEIGHT (310 / 460 / 690)	[]		
MEDIA TYPE (ZPG / PSORB)	[]		
WATER QUALITY FLOW RATE (L/S)	[]		
D I M E N S I O N A	[]		
D I M E N S I O N B	[]		
TOTAL CARTRIDGE BAY AREA (A x B) TO MATCH AREA REQUIRED BY MUSIC MODELLING OR COUNCIL SPECIFIC REQUIREMENTS			
GENERAL NOTES			
1. INLET AND OUTLET PIPES TO BE IN ACCORDANCE WITH APPROVED PLANS.			
2. A HIGH FLOW BYPASS ARRANGEMENT OR DISSIPATION STRUCTURE MAY BE REQUIRED TO MINIMISE RE-SUSPENSION OF SOLIDS OR ANY SIGNIFICANT INERTIAL FORCES ON THE CARTRIDGES.			
3. ALL WATER QUALITY TREATMENT DEVICES REQUIRE PERIODIC MAINTENANCE. REFER TO OPERATION AND MAINTENANCE MANUAL FOR GUIDELINES AND ACCESS REQUIREMENTS.			
4. SITE SPECIFIC PRODUCTION DRAWING WILL BE PROVIDED ON PLACEMENT OF ORDER.			
5. THE INVERT LEVEL OF THE INLET PIPE MUST BE GREATER THAN THE RL OF THE FALSE FLOOR WITHIN THE CARTRIDGE CHAMBER.			
6. CONCRETE STRUCTURE AND ACCESS COVERS DESIGNED AND PROVIDED BY OTHERS. ACCESS COVERS TO BE A MINIMUM 900 X 900 ABOVE CARTRIDGES. OH&S REGARDING ACCESS COVERS AND TANK ACCESS TO BE ASSESSED BY OTHERS ON SITE.			
7. THE STRUCTURE THICKNESSES SHOWN ARE FOR REPRESENTATIONAL PURPOSES.			
8. DRAWINGS NOT TO SCALE.			
INSTALLATION NOTES			
1. UNDERDRAIN AND FALSE FLOOR INSTALLED BY OCEAN PROTECT.			

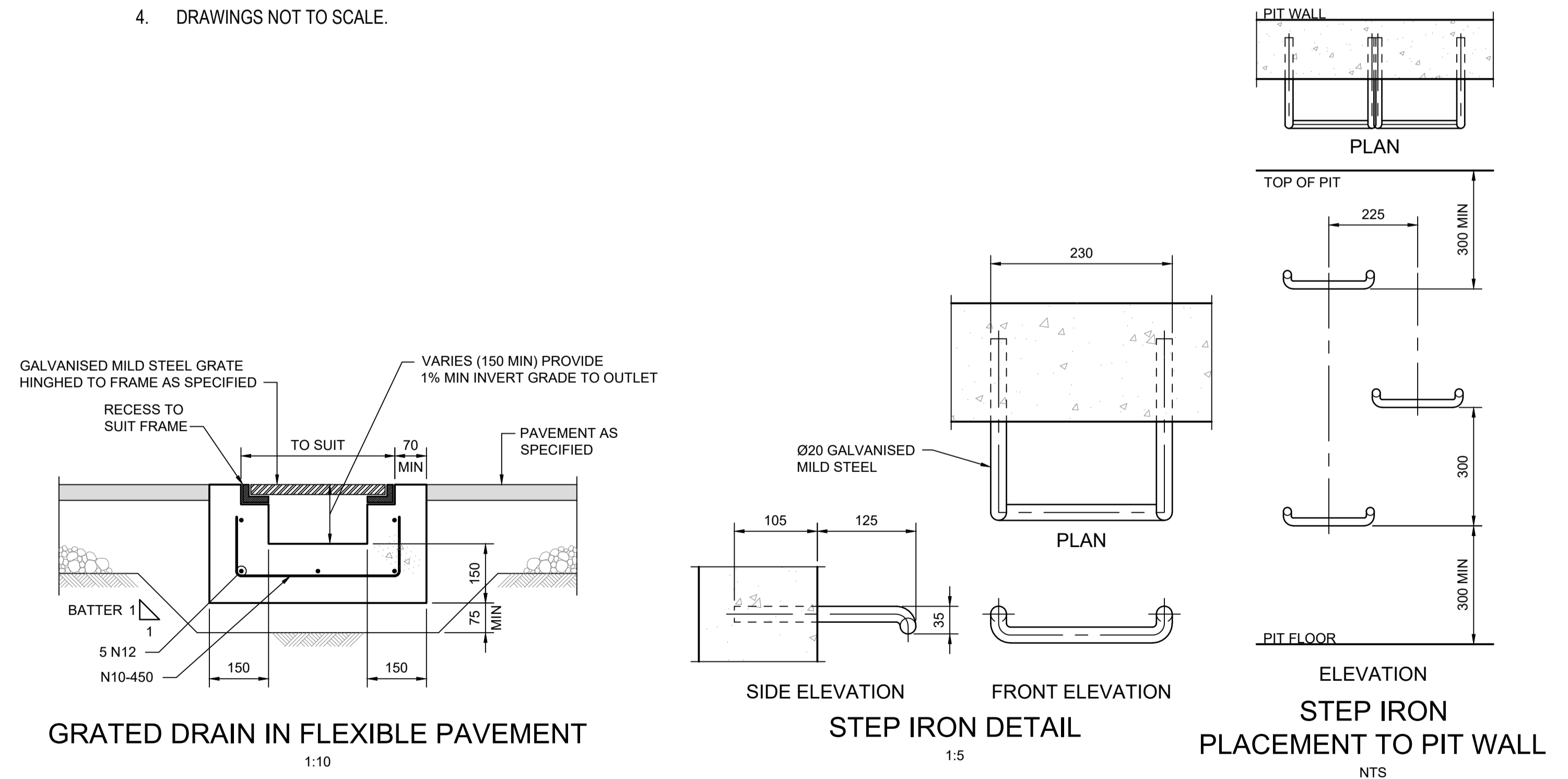
OCEAN PROTECT
STORMFILTER SYSTEM
DETENTION TANK ARRANGEMENT
SPECIFICATION DRAWING

PHONE: 1300 354 722 www.oceanprotect.com.au



GENERAL NOTES

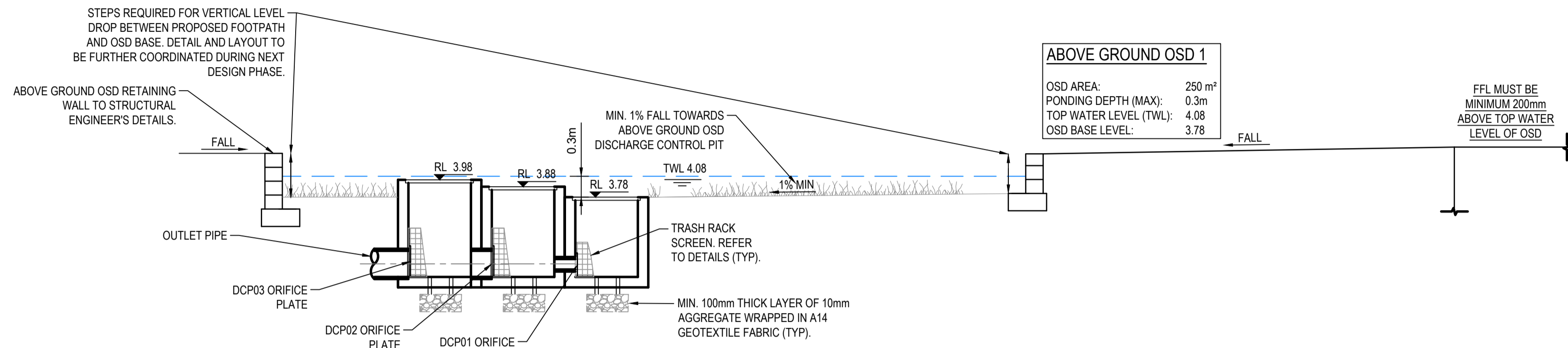
- THE MINIMUM CLEARANCE DEPENDS ON THE CONFIGURATION (SEE NOTE 2) AND THE LOCAL COUNCIL REQUIREMENTS.
- CLEARANCE FOR ANY PIT WITHOUT AN INLET PIPE (ONLY USED FOR SURFACE FLOW) CAN BE AS LOW AS 50mm. FOR OTHER PITS, THE RECOMMENDED CLEARANCE SHOULD BE GREATER OR EQUAL TO THE PIPE OBVERT SO AS NOT TO INHIBIT HYDRAULIC CAPACITY.
- OCEAN PROTECT PROVIDES TWO FILTRATION BAG TYPES:- 200 MICRON BAGS FOR HIGHER WATER QUALITY FILTERING AND A COARSE BAG FOR TARGETING GROSS POLLUTANTS.
- DRAWINGS NOT TO SCALE.



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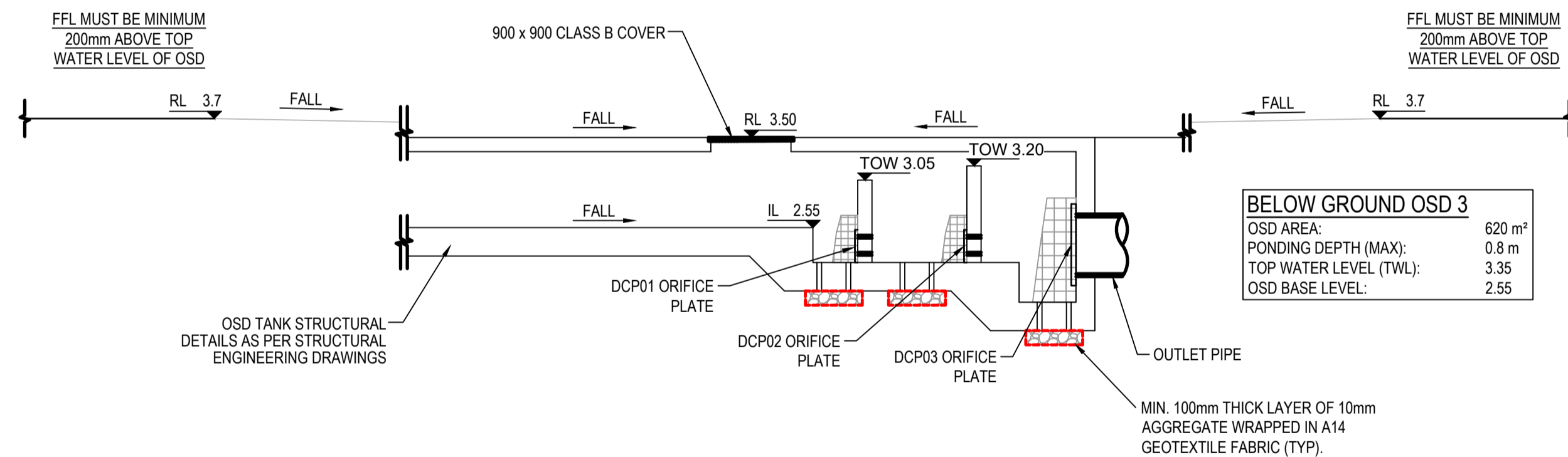
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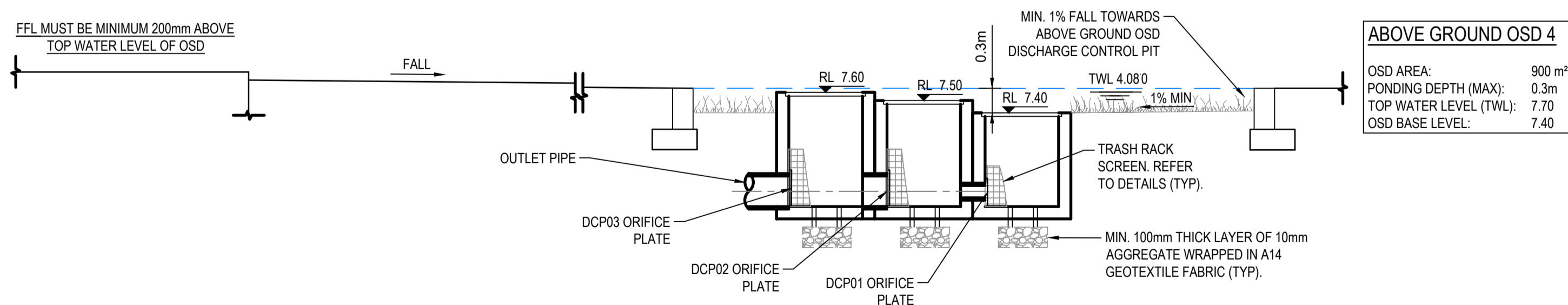
TYPICAL OSD1 SECTION

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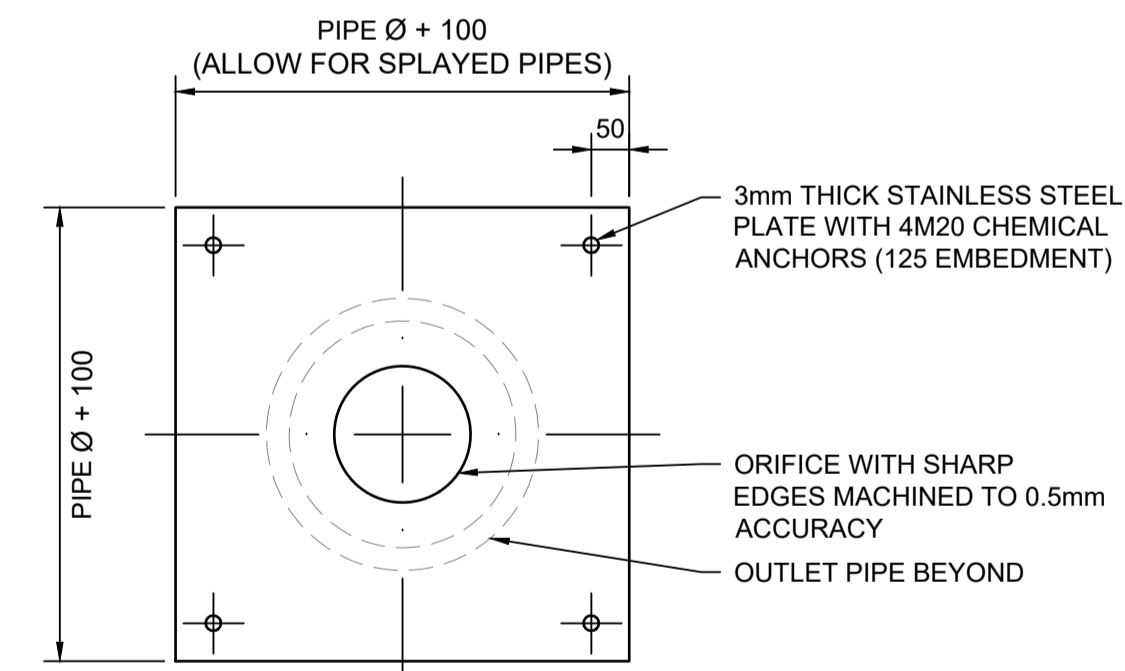
TYPICAL OSD3 SECTION

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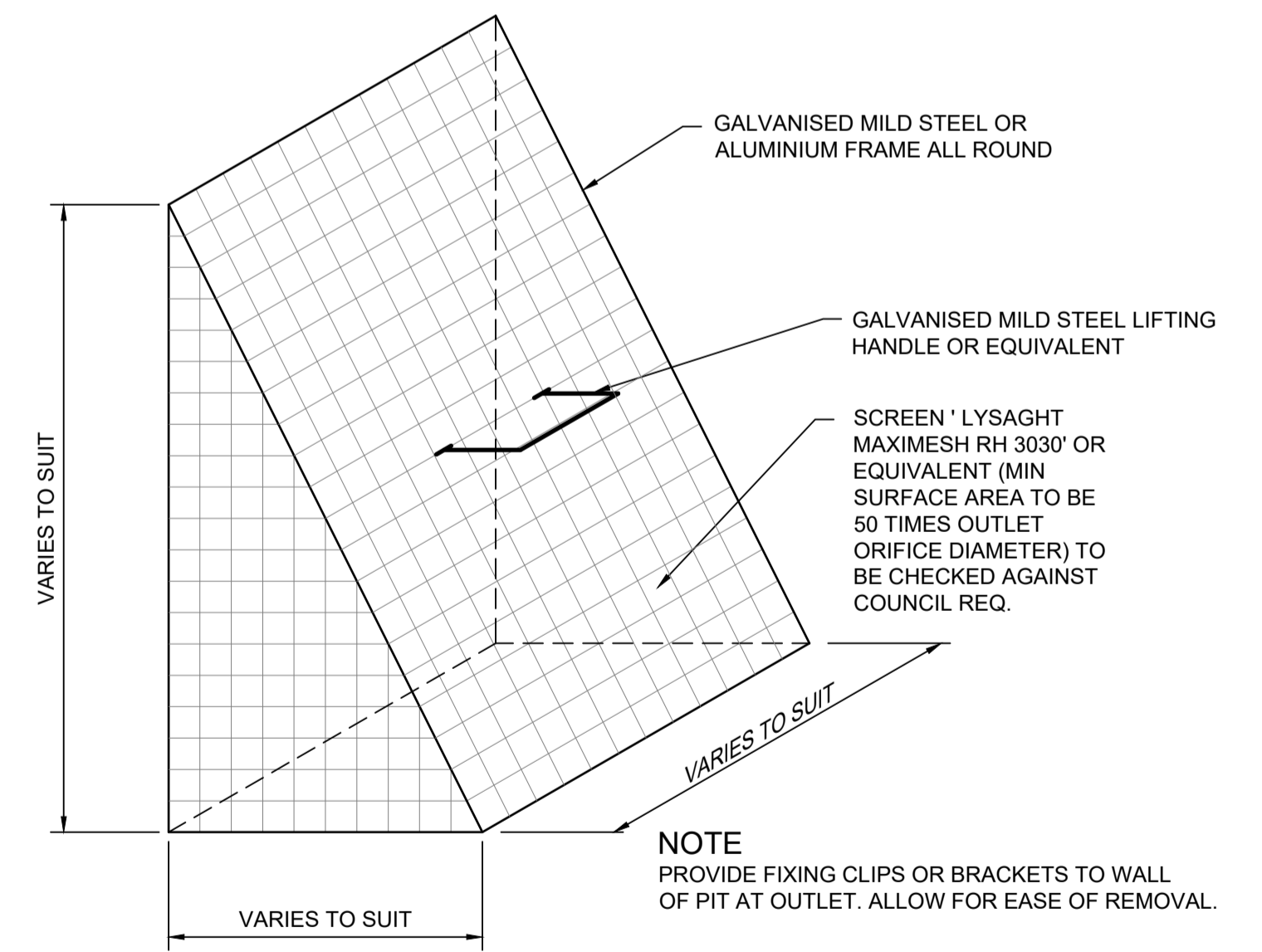
TYPICAL OSD4 SECTION

1:50



ORIFICE PLATE - TYPE A

1:10



TYPICAL REMOVABLE SCREEN DETAIL

NTS

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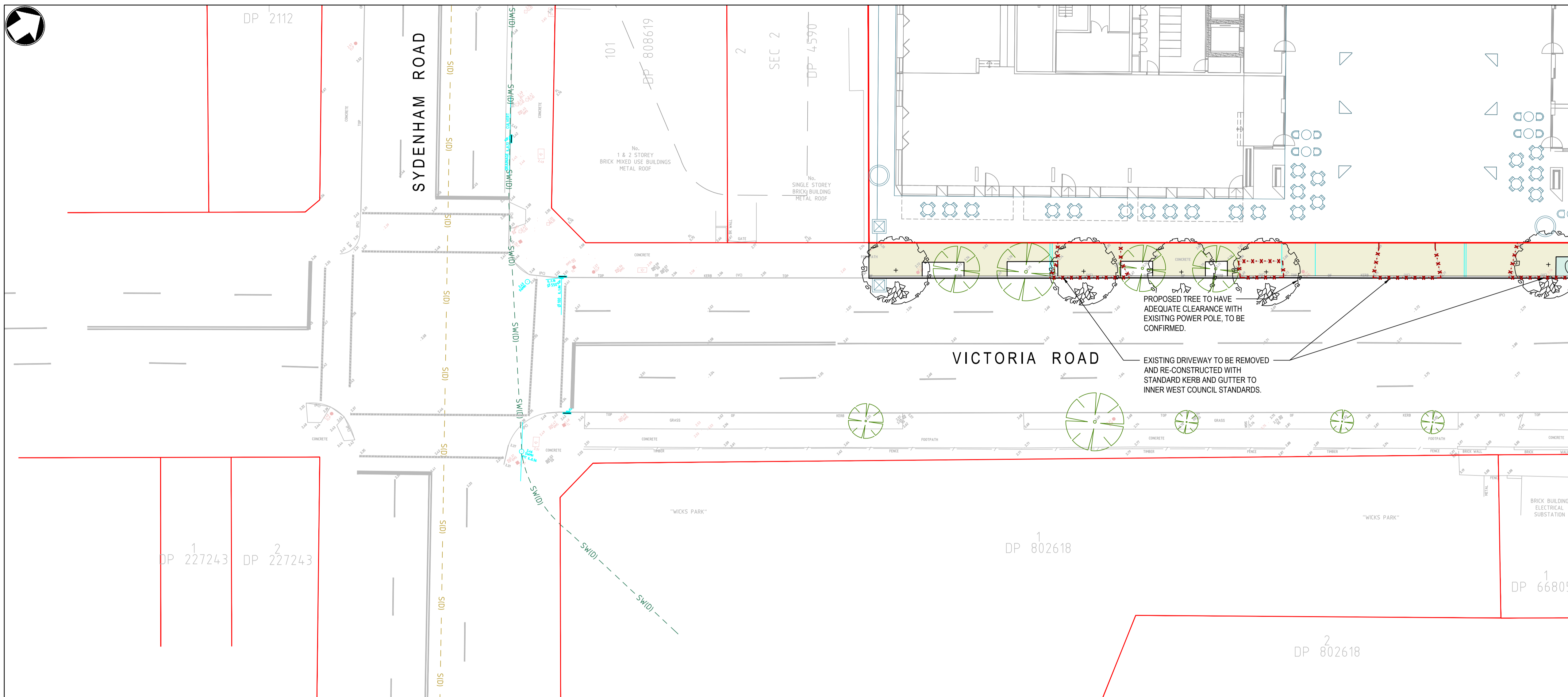
LEGEND

- SITE BOUNDARY
- ADJACENT BOUNDARIES
- EXISTING EASEMENT
- PROPOSED LANDSCAPE TREES
- EXISTING TREES TO BE RETAINED
- PROPOSED SURFACE INLET / JUNCTION PIT LIDS
- PAVEMENT TYPE 1:
- PAVEMENT TYPE 2:
- PAVEMENT TYPE 3:
- LANDSCAPED AREA

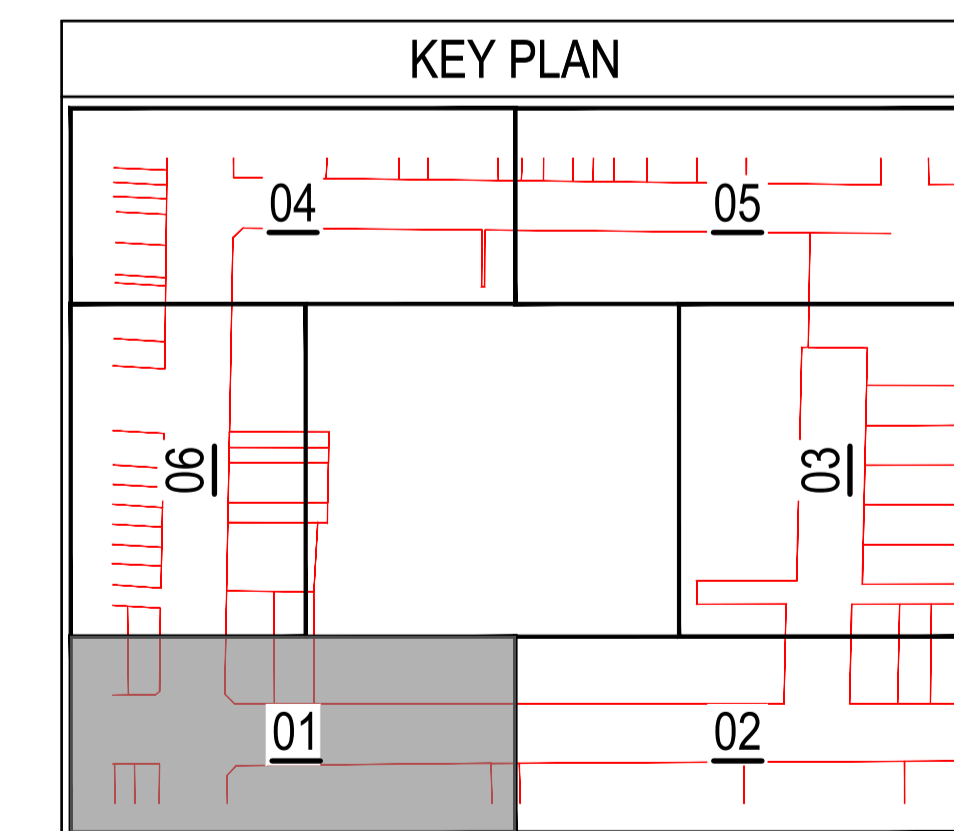
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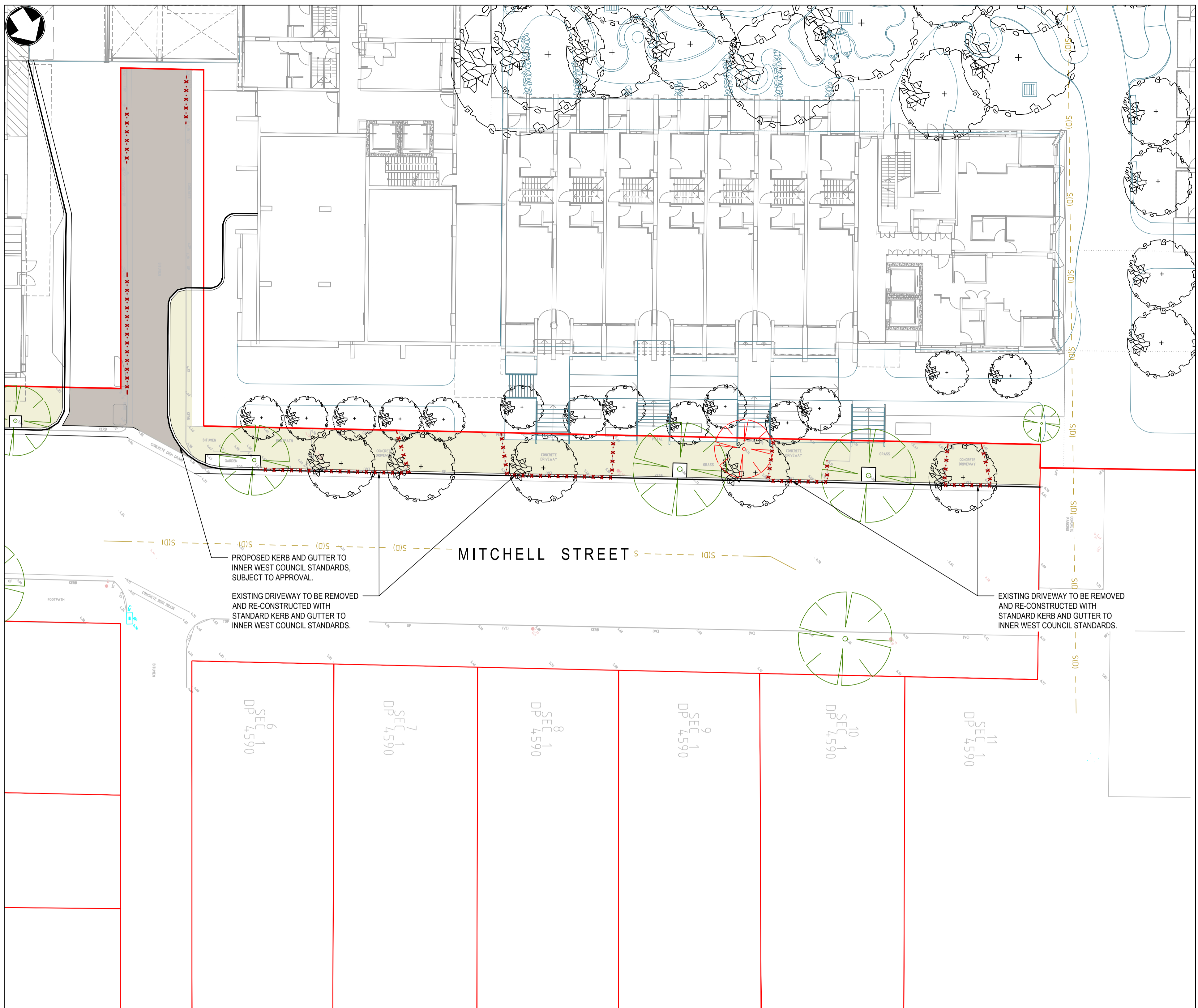
LEGEND	
	EXTENT OF WORKS
	EXISTING BOUNDARY
	INTERNAL PACKAGE DESIGN
	INTERNAL SURFACE INLET / JUNCTION PIT LIDS
	PROPOSED SURFACE INLET / JUNCTION PIT LIDS
	EXISTING DRAINAGE PITS
	EXISTING SERVICE PITS
	PROPOSED TREES (REFER TO LANDSCAPE PLANS FOR DETAILS)
	EXISTING TREES TO BE RETAINED
	EXISTING TREES TO BE REMOVED
	PROPOSED DRIVEWAY
	FOOTPATH
	LANDSCAPE/TURF AREA
	ROADWAY PAVEMENT
	EXISTING VEHICLE CROSSING, KERB RAMP, KERB TO BE REMOVED



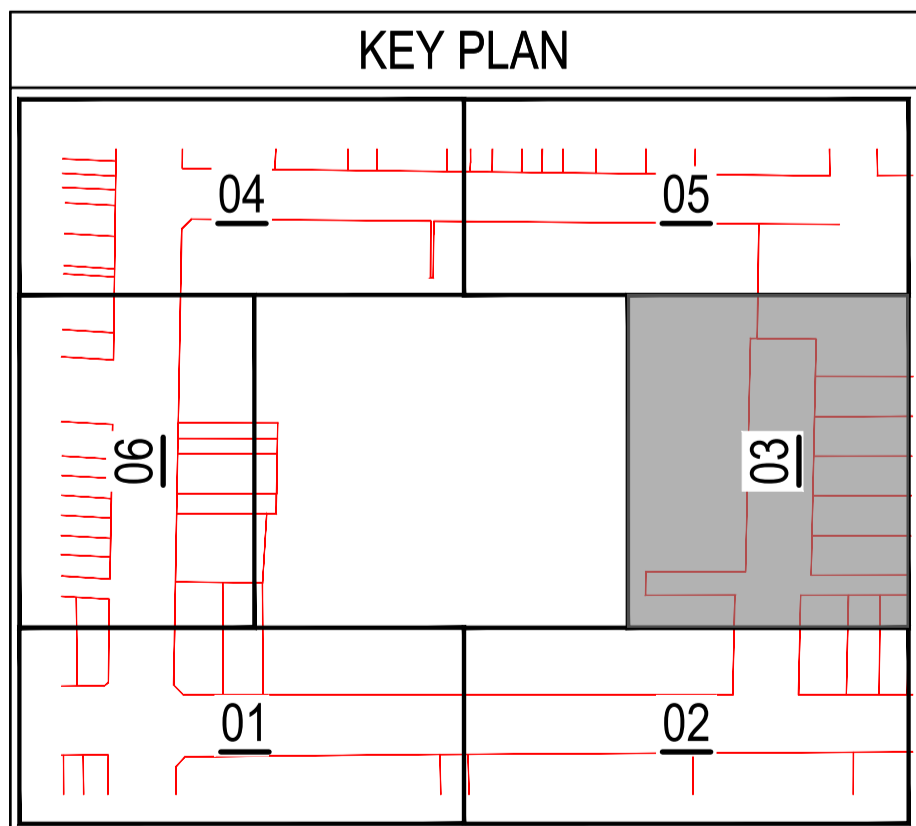
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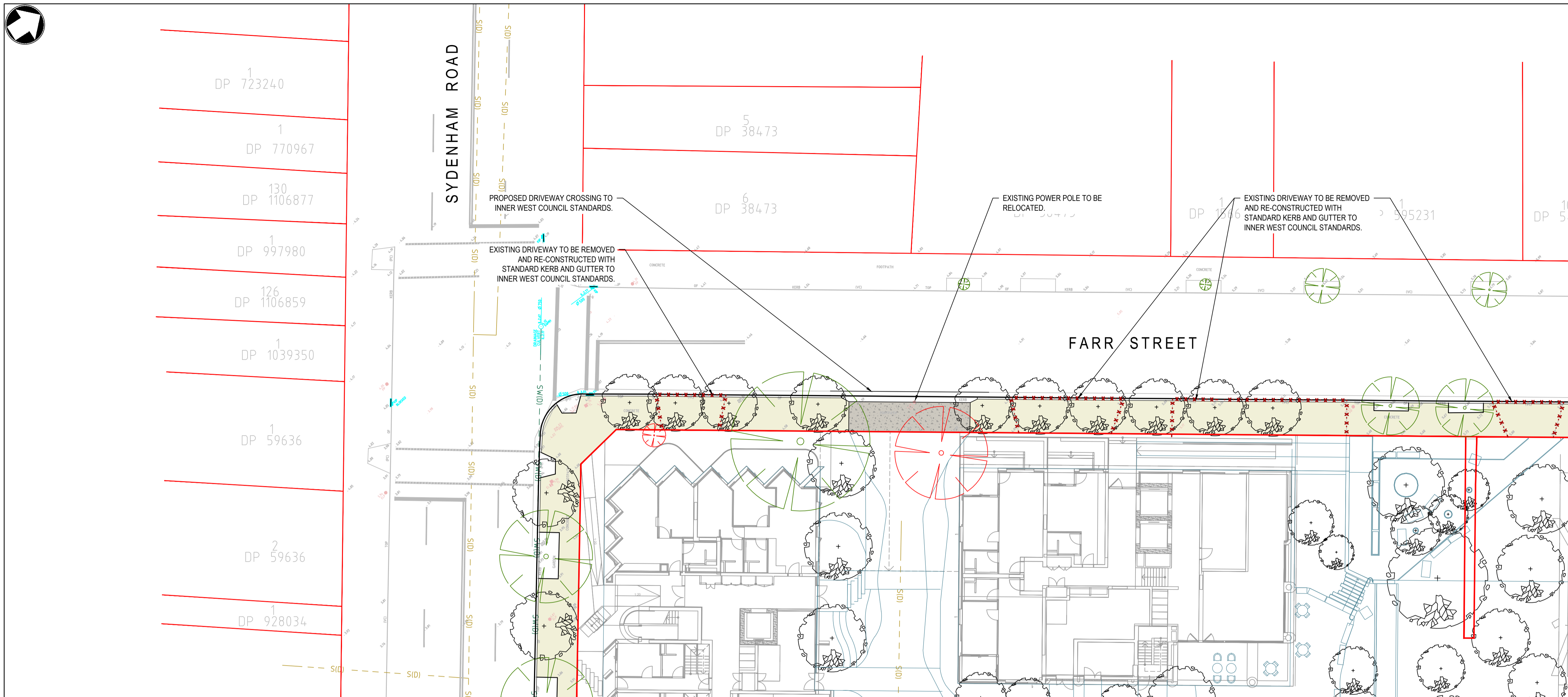
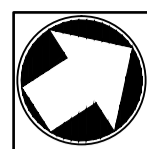
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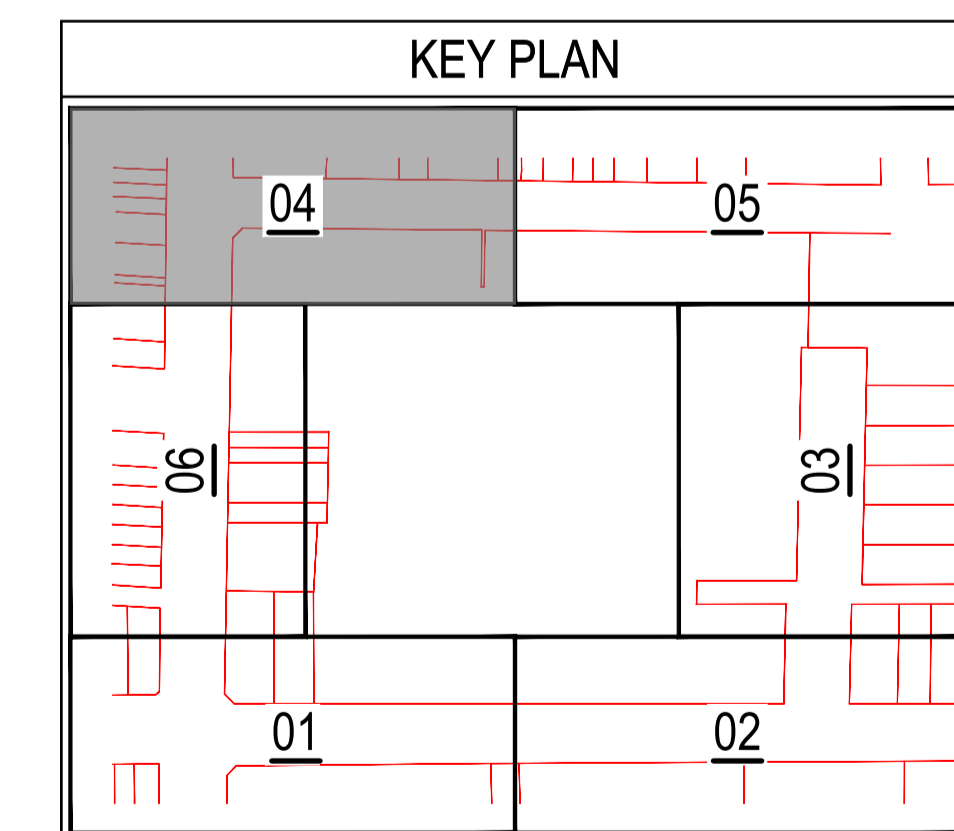
	Level 10, 383 Kent Street Sydney, NSW 2000 Australia NSW 1230, Australia PO Box Q1678, QVB Sydney T +61 (0)2 9098 6800 W www.mottmac.com	<table border="1"> <thead> <tr> <th>Rev</th> <th>Date</th> <th>Description</th> <th>Ch'k'd</th> <th>App'd</th> </tr> </thead> <tbody> <tr> <td>02</td> <td>17.12.24</td> <td>ISSUE FOR SSSA</td> <td>JHL</td> <td>DF</td> </tr> </tbody> </table>	Rev	Date	Description	Ch'k'd	App'd	02	17.12.24	ISSUE FOR SSSA	JHL	DF	SCALE 	CLIENT	TITLE MARRICKVILLE TIMBER YARDS MARRICKVILLE, NSW 2204 SITEWORKS PLAN - SHEET 03	DRAWING INFORMATION Drawn: J. O Designed: J. LAOKITTICHA Checked: J.H. LEE Approved: D. FETTELL Revision: 02 Status: INF Security: STD
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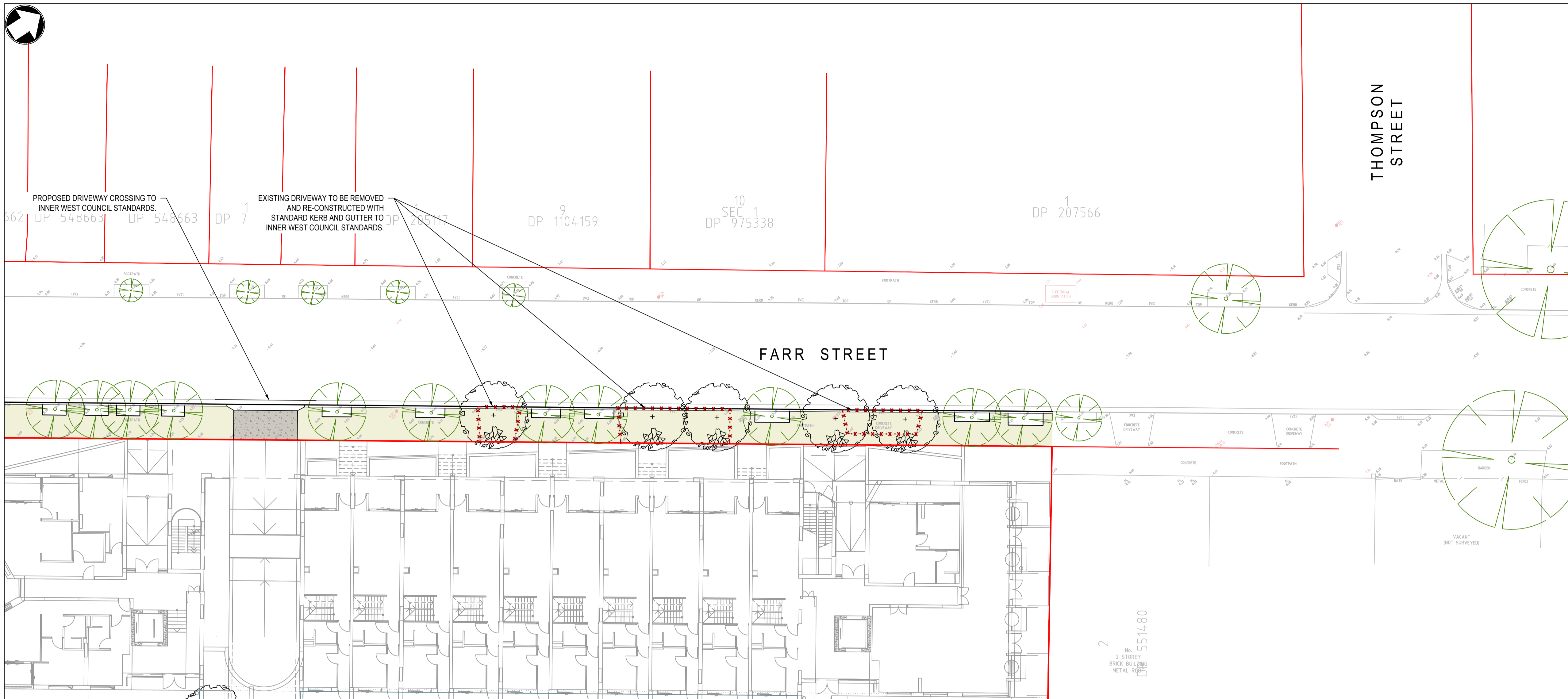
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	EXISTING BOUNDARY
	INTERNAL PACKAGE DESIGN
	INTERNAL SURFACE INLET / JUNCTION PIT LIDS
	PROPOSED SURFACE INLET / JUNCTION PIT LIDS
	EXISTING DRAINAGE PITS
	EXISTING SERVICE PITS
	PROPOSED TREES (REFER TO LANDSCAPE PLANS FOR DETAILS)
	EXISTING TREES TO BE RETAINED
	EXISTING TREES TO BE REMOVED
	PROPOSED DRIVEWAY
	FOOTPATH
	LANDSCAPE/TURF AREA
	ROADWAY PAVEMENT
	EXISTING VEHICLE CROSSING, KERB RAMP, KERB TO BE REMOVED



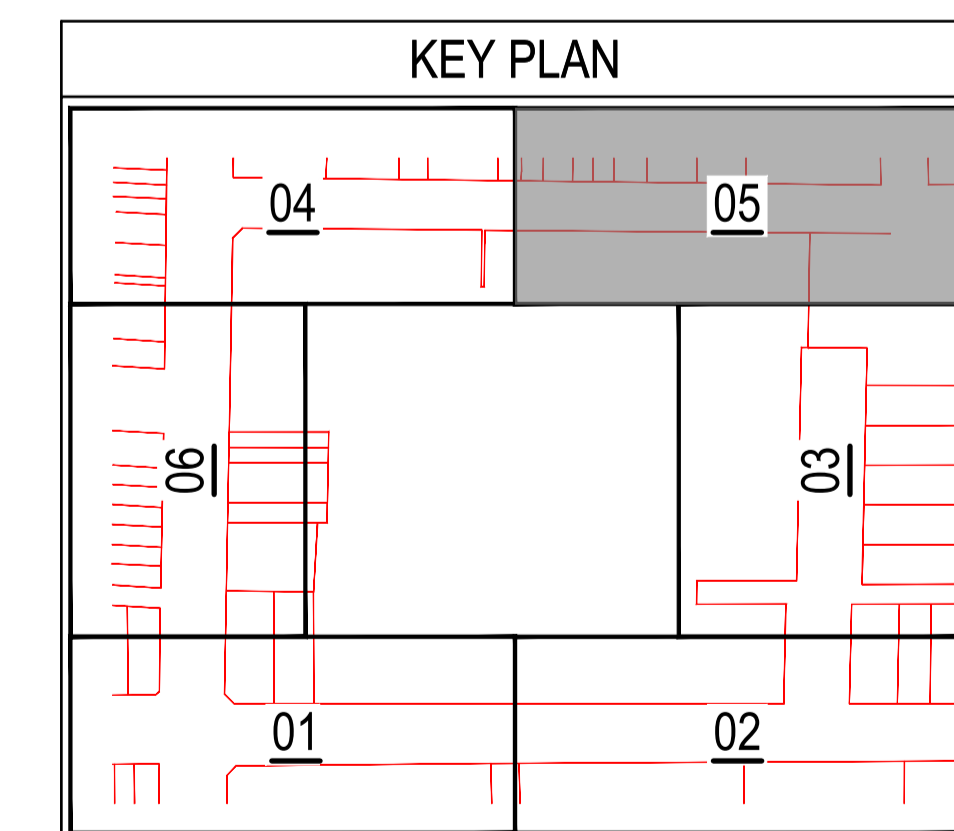
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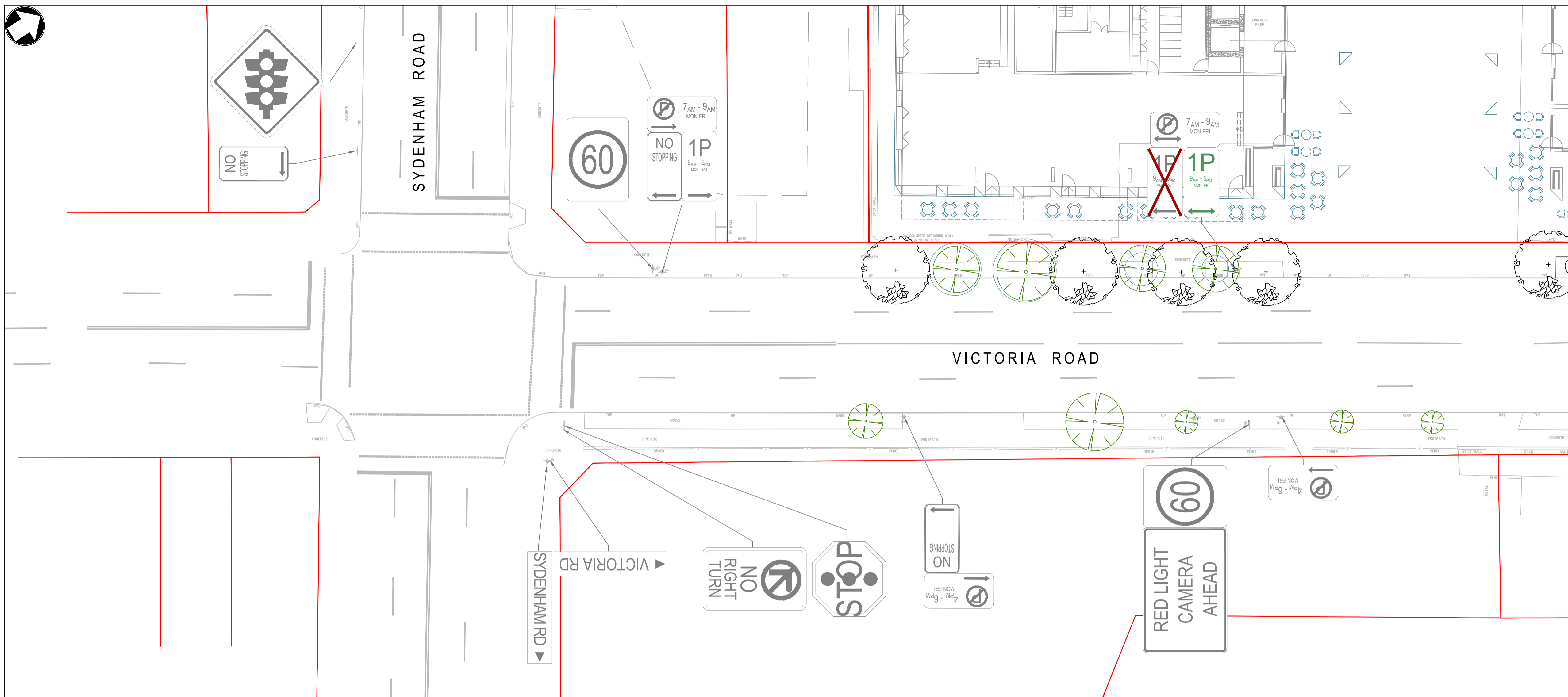
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	EXISTING DRAINAGE PITS
	EXISTING SERVICE PITS
	PROPOSED TREES (REFER TO LANDSCAPE PLANS FOR DETAILS)
	EXISTING TREES TO BE RETAINED
	EXISTING TREES TO BE REMOVED
	PROPOSED DRIVEWAY
	FOOTPATH
	LANDSCAPE/TURF AREA
	ROADWAY PAVEMENT
	EXISTING VEHICLE CROSSING, KERB RAMP, KERB TO BE REMOVED



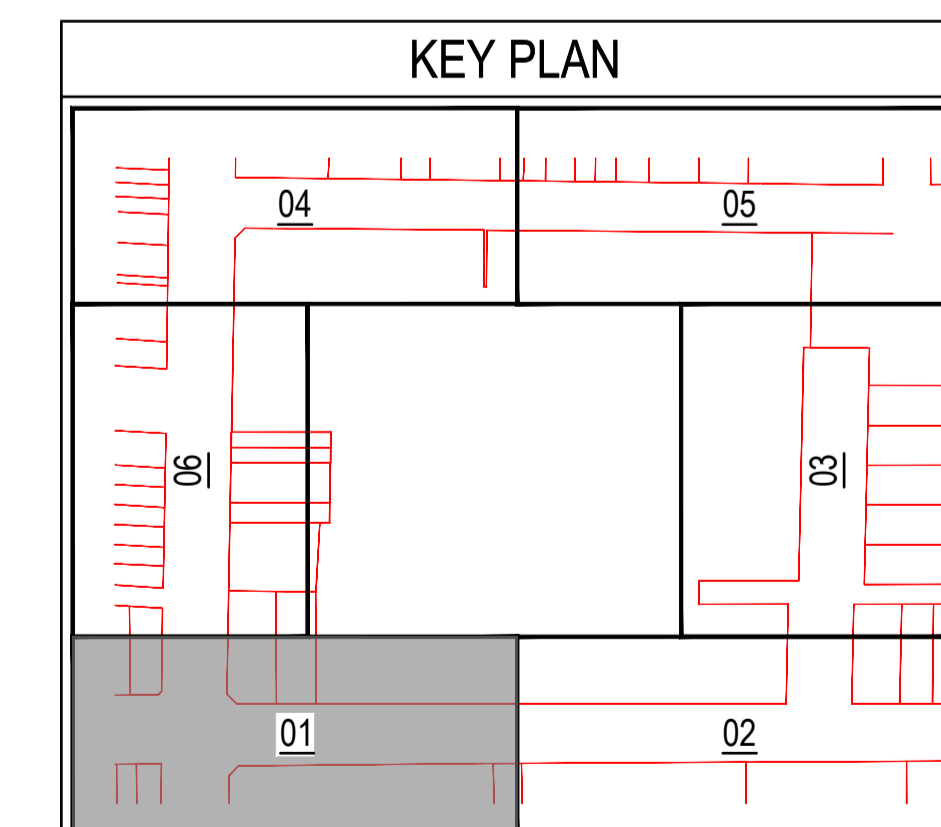
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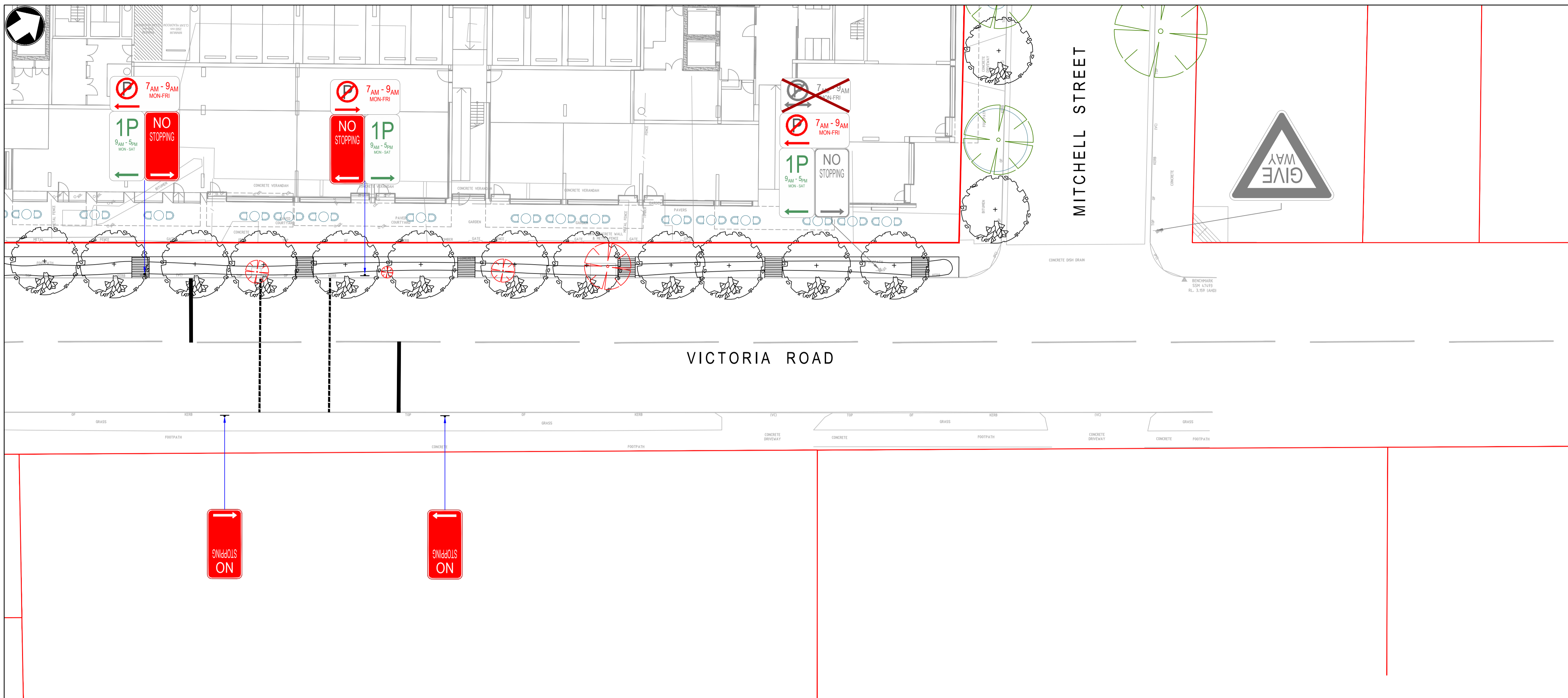
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	REMOVE EXISTING LINE MARKING
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	EXISTING TREES TO BE RETAINED
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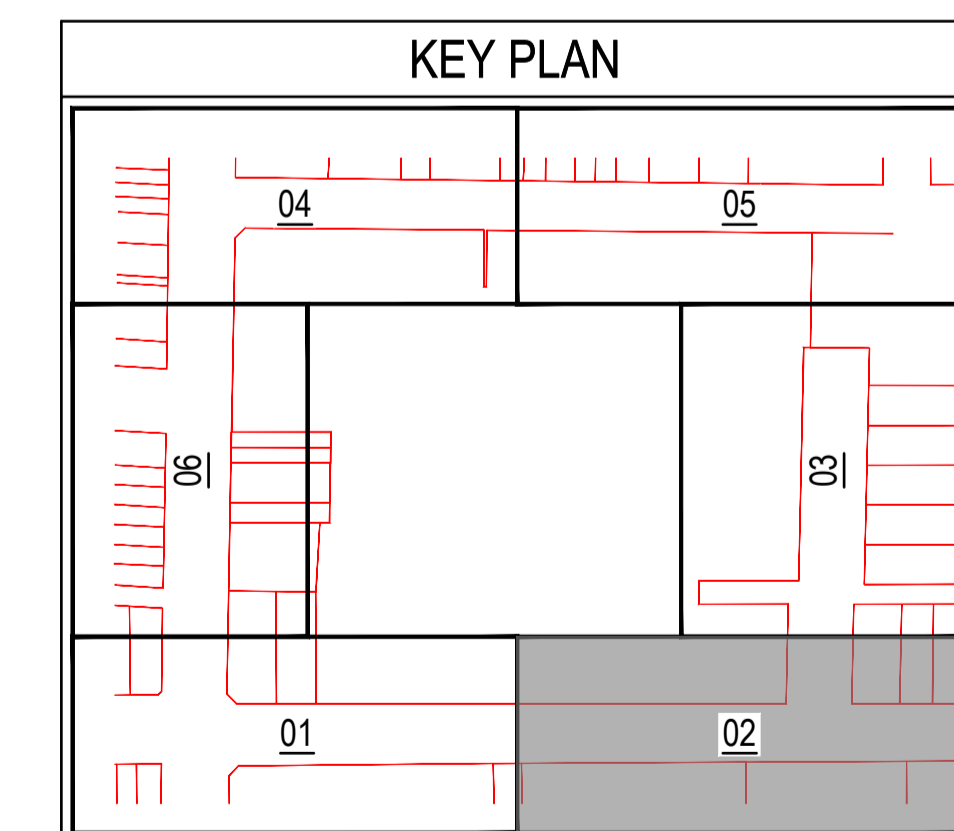
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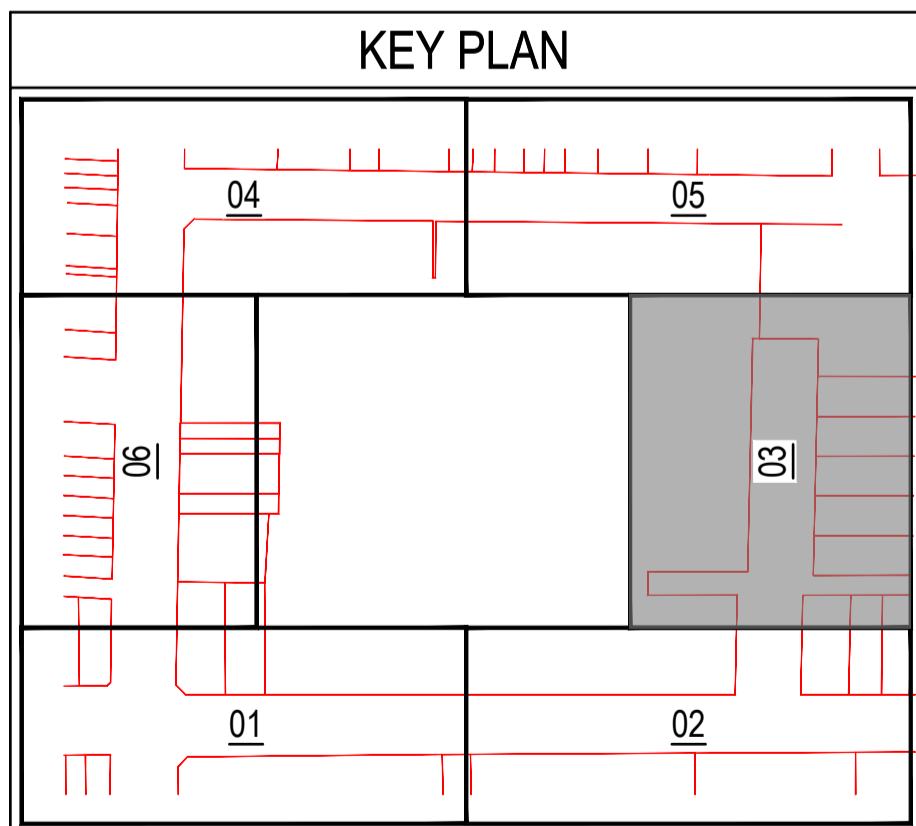
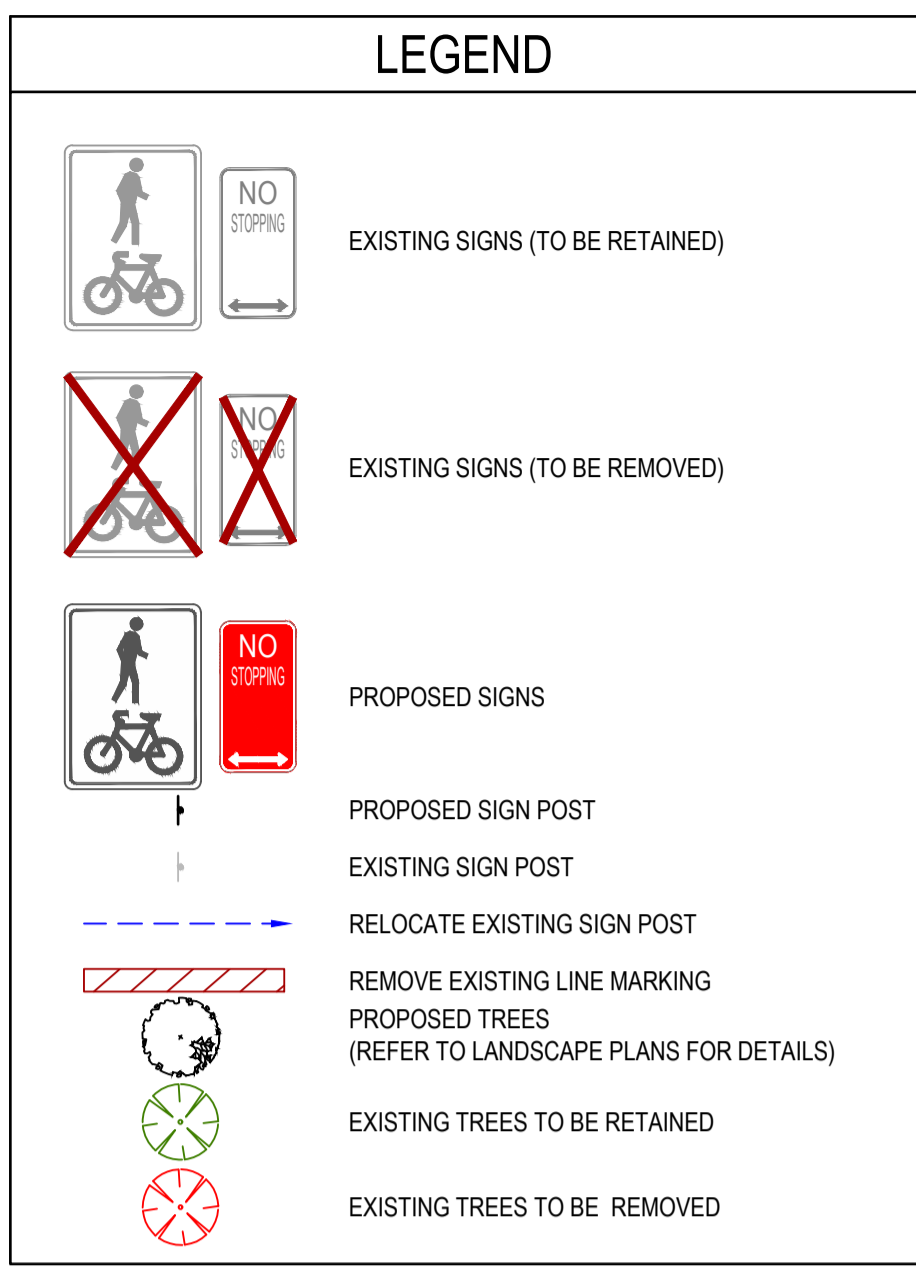
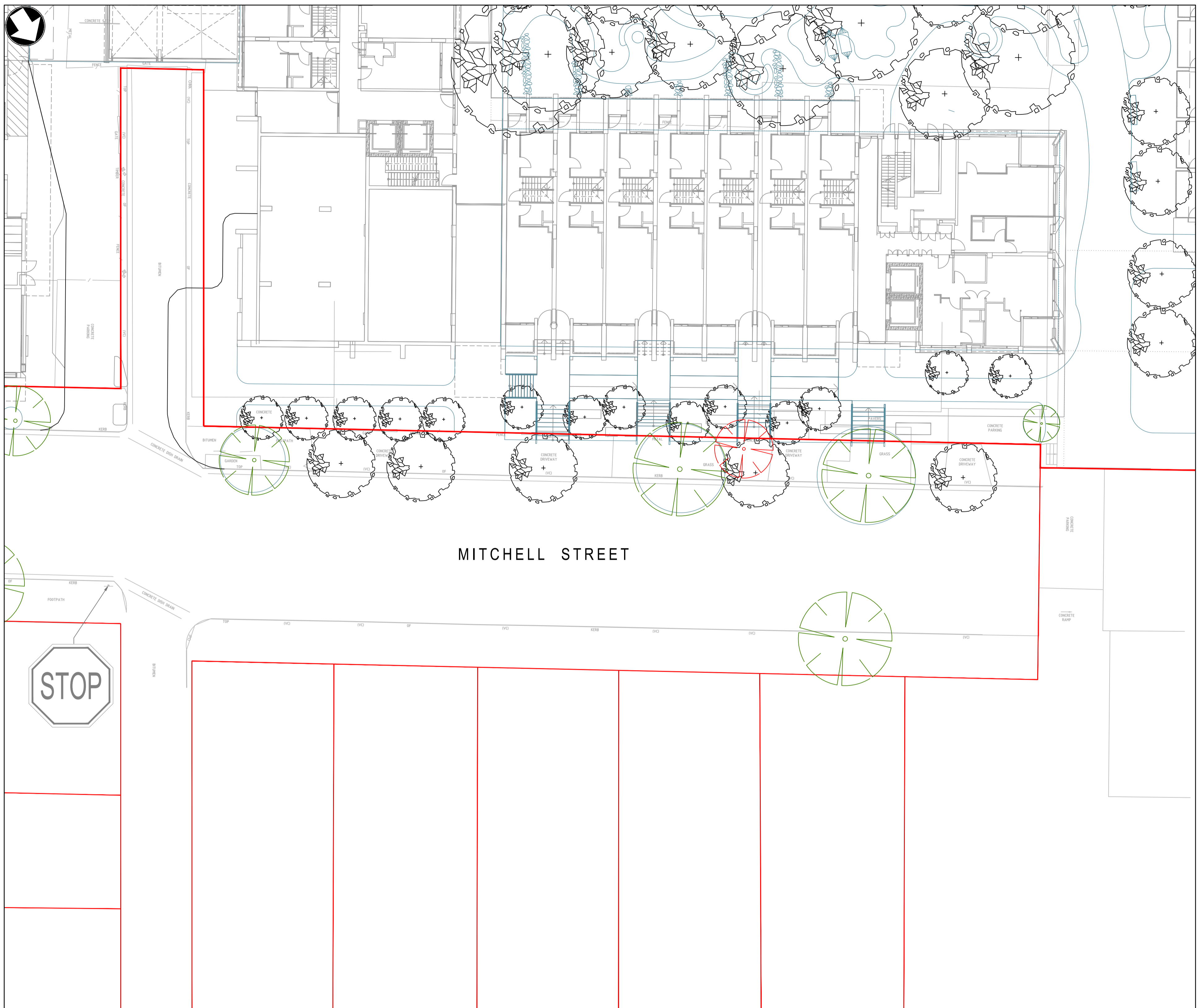
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- EXISTING SIGNS (TO BE REMOVED)
- PROPOSED SIGNS
- PROPOSED SIGN POST
- EXISTING SIGN POST
- RELOCATE EXISTING SIGN POST
- REMOVE EXISTING LINE MARKING
- PROPOSED TREES (REFER TO LANDSCAPE PLANS FOR DETAILS)
- EXISTING TREES TO BE RETAINED
- EXISTING TREES TO BE REMOVED



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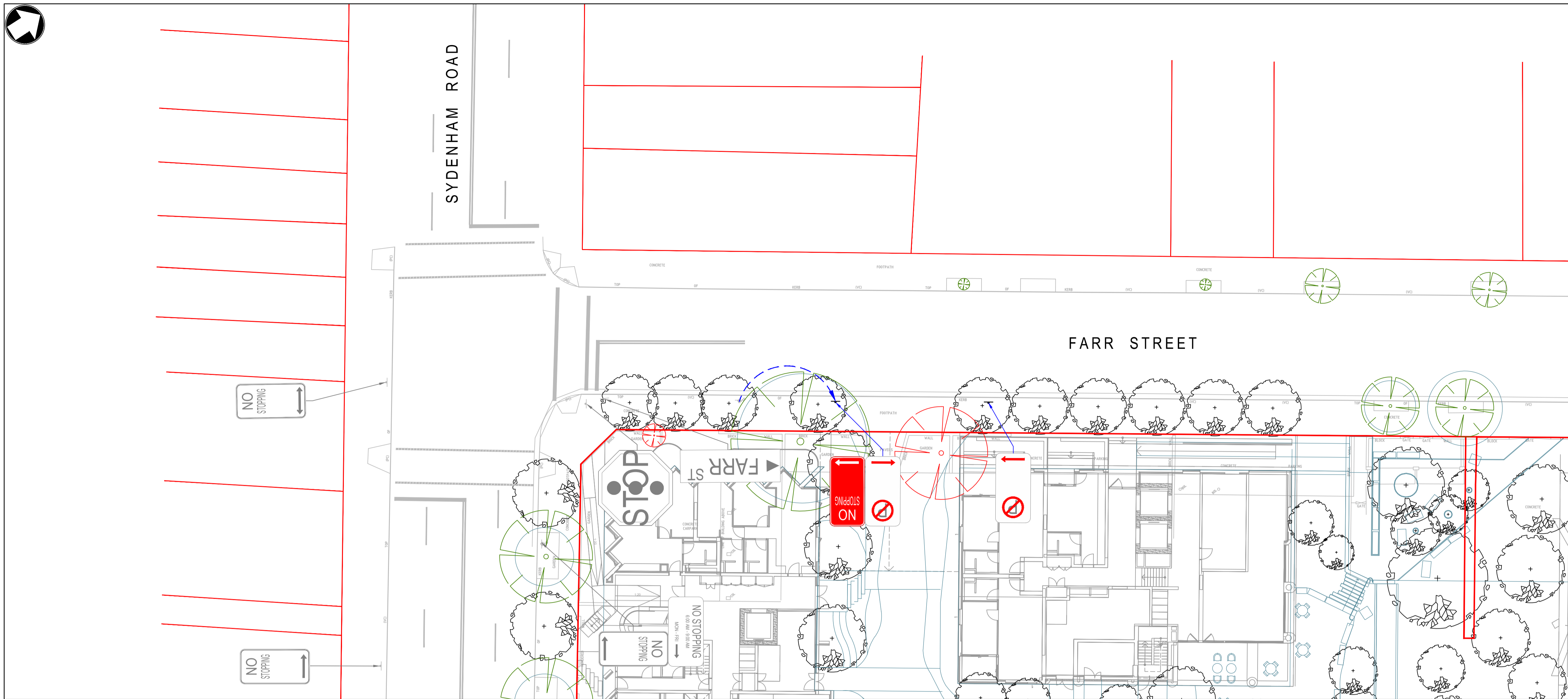
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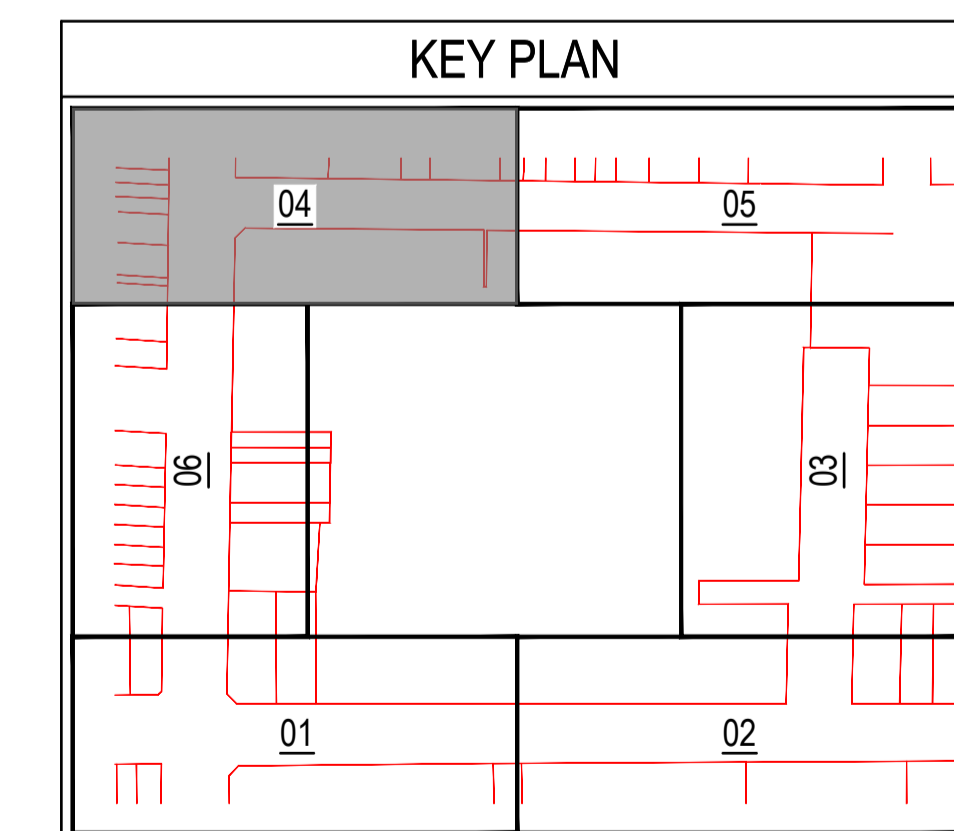
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LEGEND	
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	EXISTING SIGNS (TO BE REMOVED)
	PROPOSED SIGNS
	PROPOSED SIGN POST
	EXISTING SIGN POST
	RELOCATE EXISTING SIGN POST
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	EXISTING TREES TO BE REMOVED



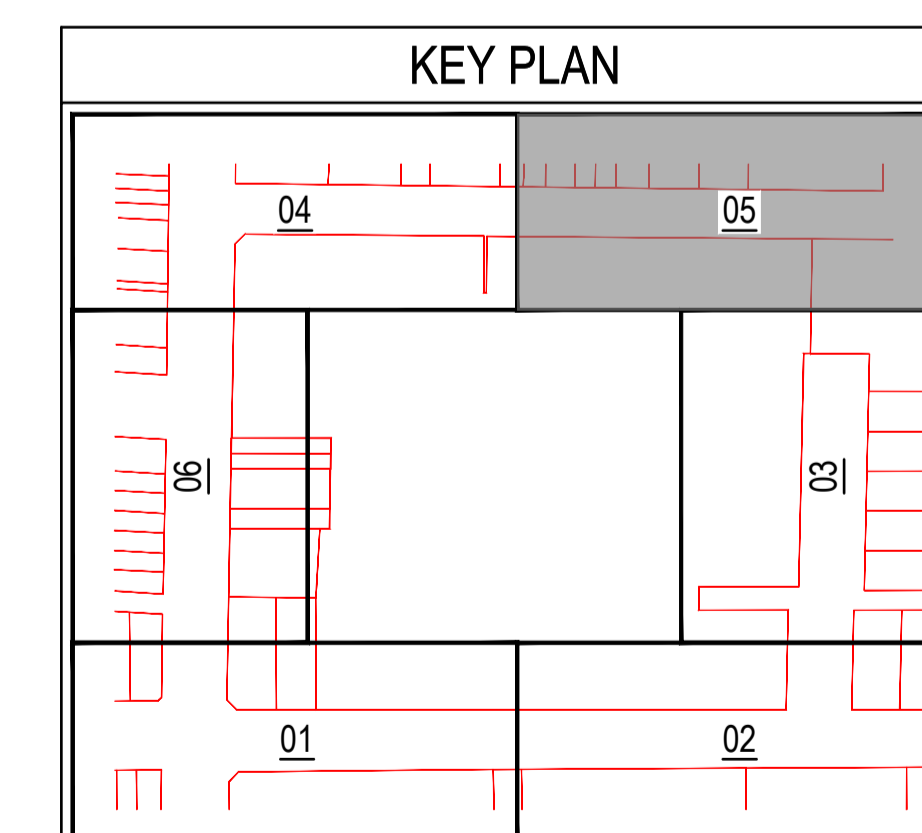
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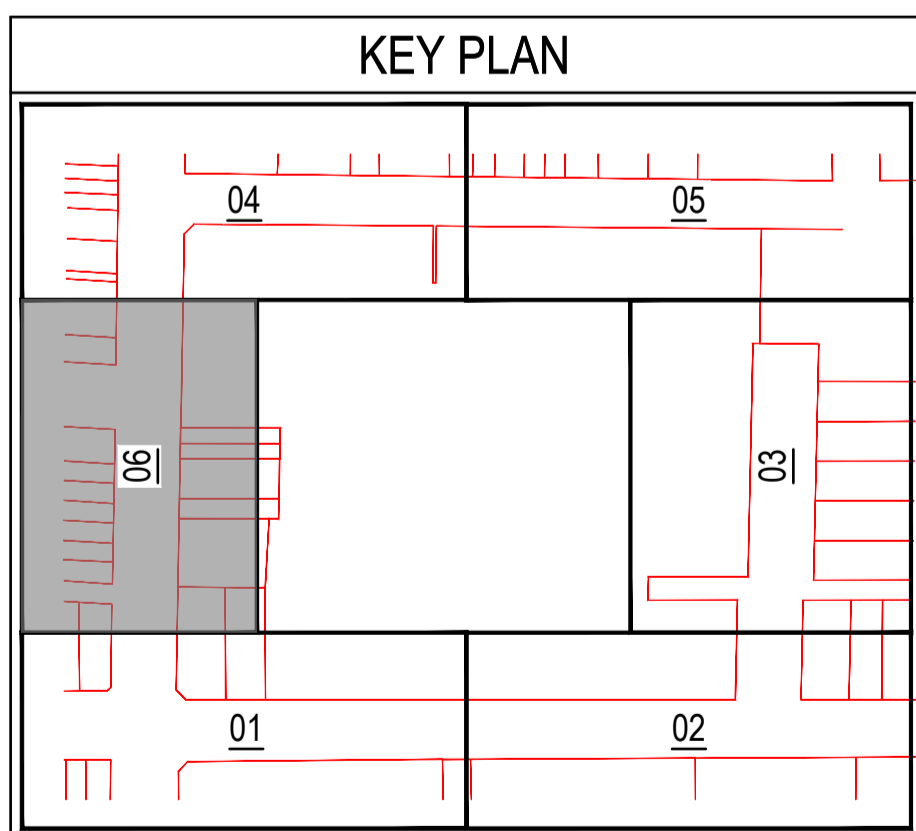
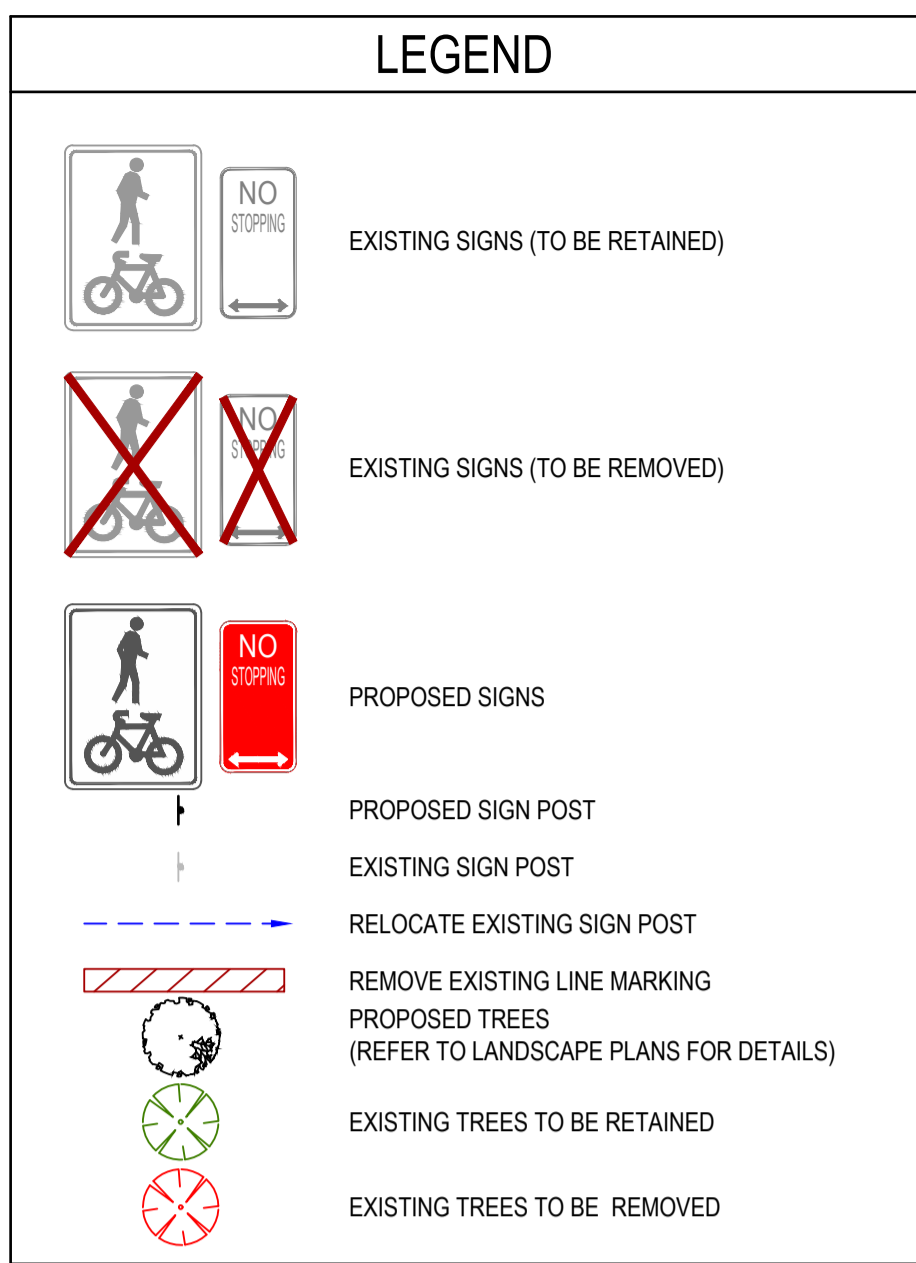
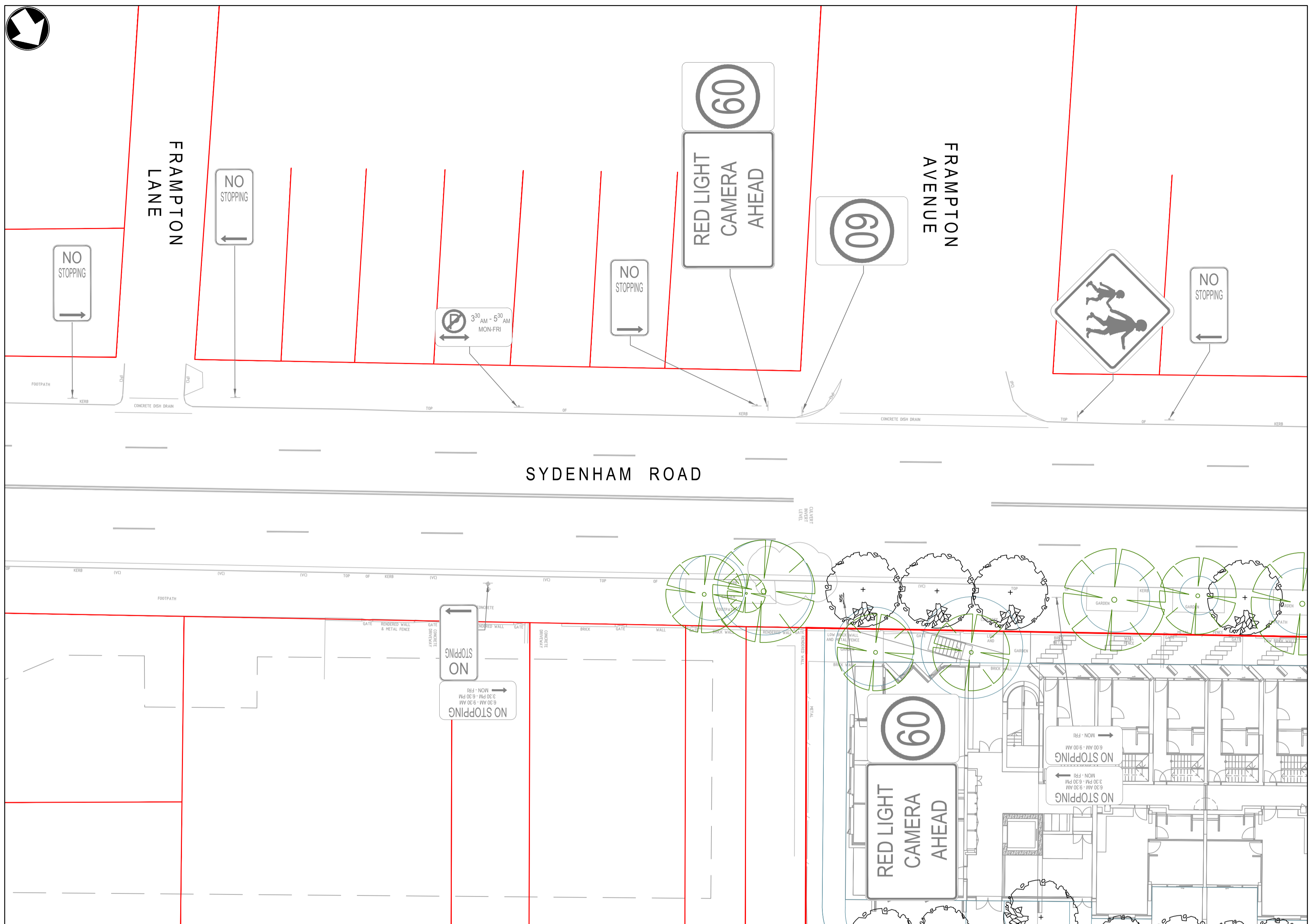
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Rev	Date	Description	Ch'k'd	App'd												
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LEGEND

- SITE BOUNDARY
- ADJACENT BOUNDARY
- EASEMENT BOUNDARY
- PROPOSED LANDSCAPE TREES
- EXISTING TREES TO BE RETAINED
- PROPOSED SURFACE INLET / JUNCTION PIT LIDS
- PROPOSED DRAINAGE PIPE
- ABOVE GROUND OSD 1
- OSD 2 (ON TOP OF ROOF)
- ABOVE GROUND OSD 3
- ABOVE GROUND OSD 4
- S(W) EXISTING STORMWATER LINE (QL-B / DETECTED)
- SW(D) EXISTING STORMWATER LINE (QL-D / BYDA)
- EXISTING WATER LINE (QL-B / DETECTED)
- W(D) EXISTING WATER LINE (QL-D / BYDA)
- S(D) EXISTING SEWER LINE (QL-D / BYDA)
- COMM(B) EXISTING TELECOMMUNICATIONS LINE (QL-B / DETECTED)
- COMM(D) EXISTING TELECOMMUNICATIONS LINE (QL-D / BYDA)
- E(B) EXISTING UNDERGROUND ELECTRICAL LINE (QL-B / DETECTED)
- E(D) EXISTING UNDERGROUND ELECTRICAL LINE (QL-D / BYDA)
- ee EXISTING OVERHEAD ELECTRICAL
- G(B) EXISTING GAS LINE (QL-B / DETECTED)
- G(D) EXISTING GAS LINE (QL-D / BYDA)

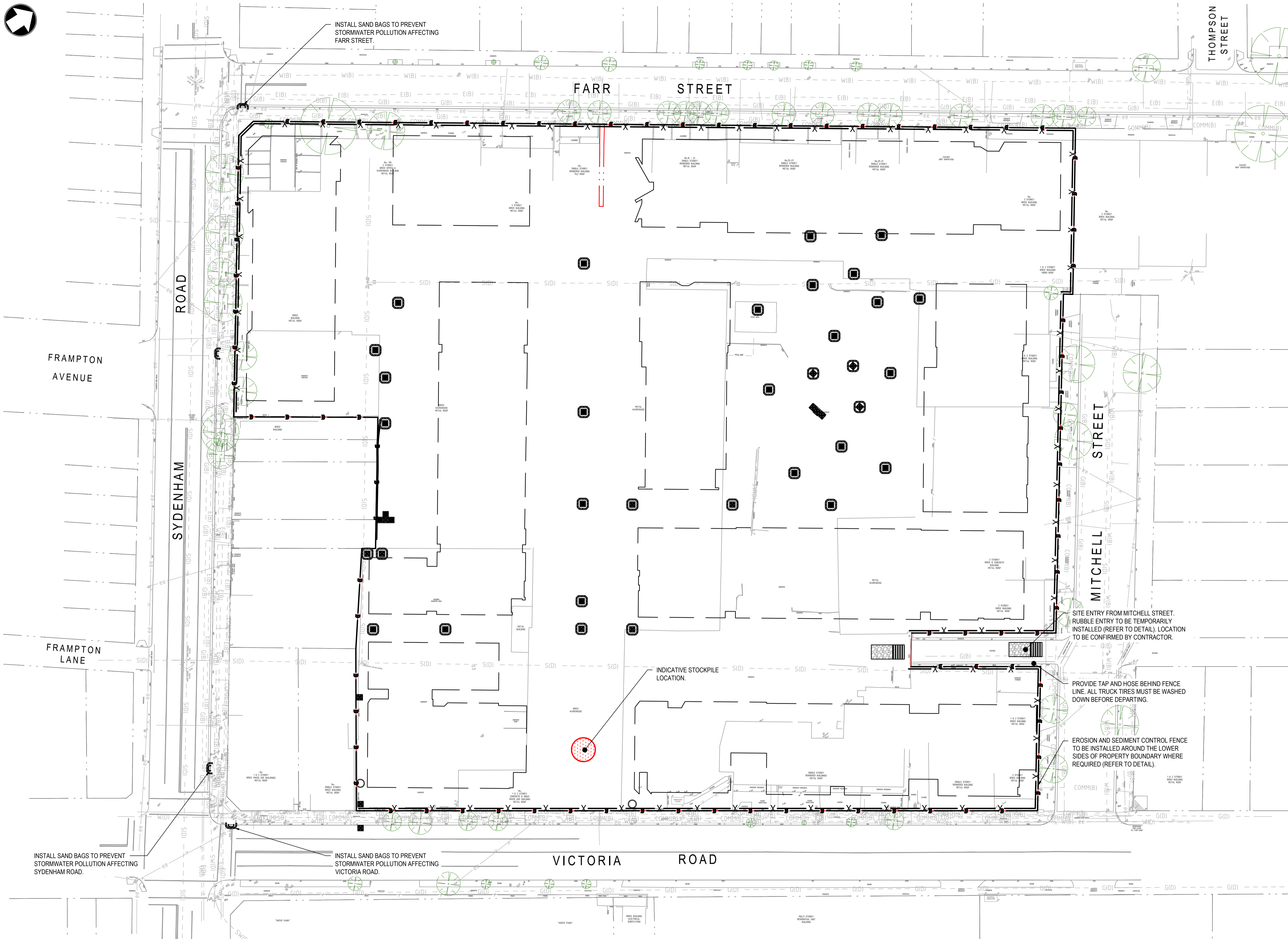
- ### EXISTING SERVICES NOTES
1. EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA MOTT MACDONALD AUSTRALIA PTY. LIMITED DOES NOT GUARANTEE THEIR ACCURACY AND IT IS THE CONTRACTORS RESPONSIBILITY TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS. SERVICES SERVING OTHER OPERATIONAL AREAS ARE TO BE RETAINED.
 2. CONTRACTOR TO IDENTIFY, MODIFY AND RELOCATE EXISTING SERVICES AS REQUIRED. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT AUTHORITY.
 3. THE CONTRACTOR IS RESPONSIBLE FOR THE SITE SURVEY, IDENTIFICATION, DISCONNECTION, REMOVAL AND MODIFICATION OF EXISTING SERVICES AFFECTED BY THE NEW WORKS. THE CONTRACTOR IS TO VERIFY ON SITE THE EXACT LOCATION AND SUPPLY POINTS BEFORE PROCEEDING WITH THE WORKS.
 4. SERVICES ON DRAWING ARE DIAGRAMMATIC. DO NOT SCALE FROM DRAWING. LOCATION OF SERVICES TO BE CO-ORDINATED ON SITE.
 5. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH SERVICE PROVIDERS REQUIREMENTS



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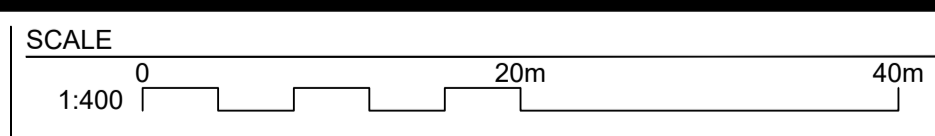
LEGEND	
	TEMPORARY CONSTRUCTION SITE ACCESS WITH SHAKE GRID
	DROP INLET SEDIMENT TRAP
	SEDIMENT TRAP - SAND BAGS
	SEDIMENT FENCE
	TEMPORARY BARRIER FENCE
	INDICATIVE LOCATION OF STOCKPILE

SOIL AND WATER MANAGEMENT NOTES	
1.	STORMWATER BASINS TO BE USED AS TEMPORARY SEDIMENT BASIN DURING EARTHWORKS. ONCE STABILISED, BASIN IS TO BE CLEANED AND OUTLET PIT CONSTRUCTED (TYP).
2.	SEDIMENT BASINS TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE "BLUE BOOK". VOLUMES TO BE CONFIRMED DURING DETAILED DESIGN STAGE (TYP).
3.	CONSTRUCT TEMPORARY SEDIMENT TRAP FOR DROP INLETS (GEOTEXTILE FILTER FABRIC). REFER DETAIL ON DRAWING 2005 (TYP).

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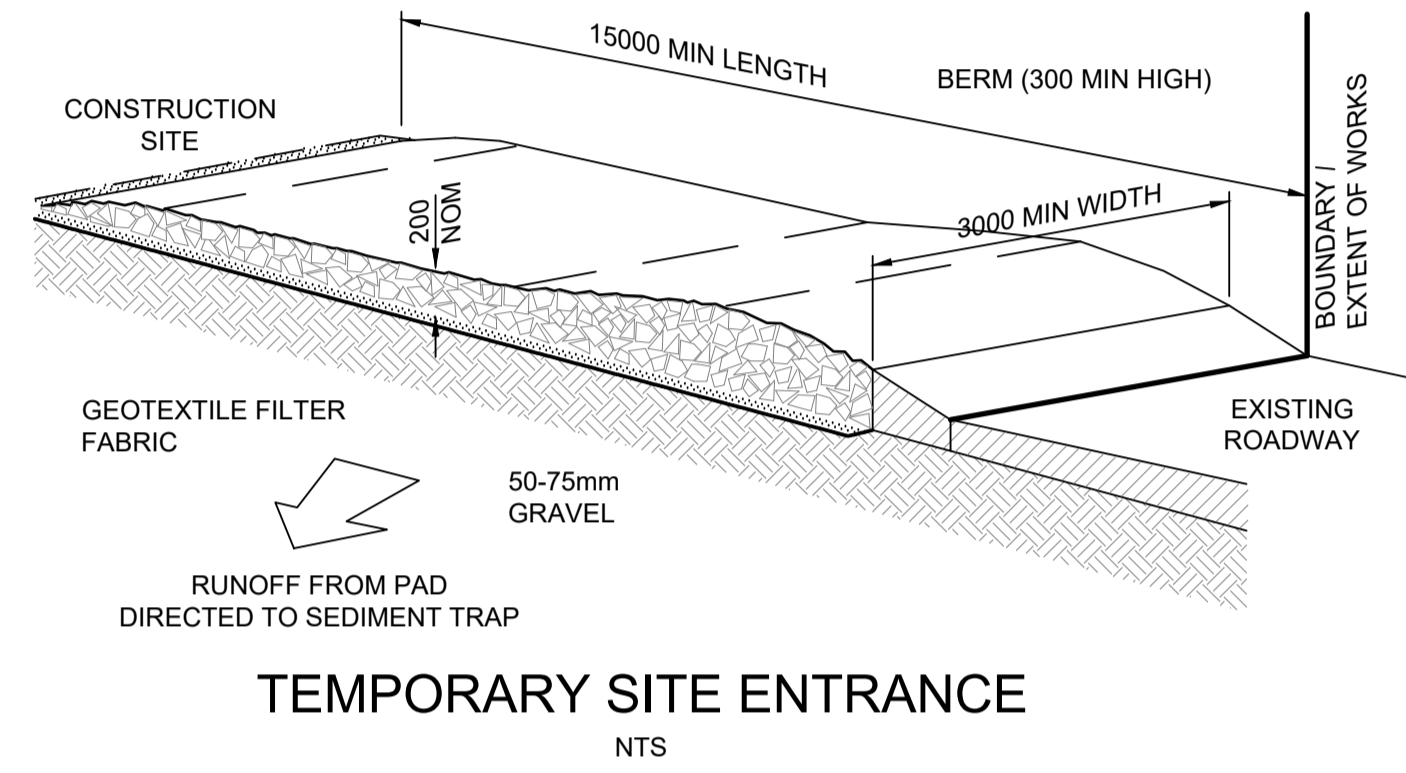
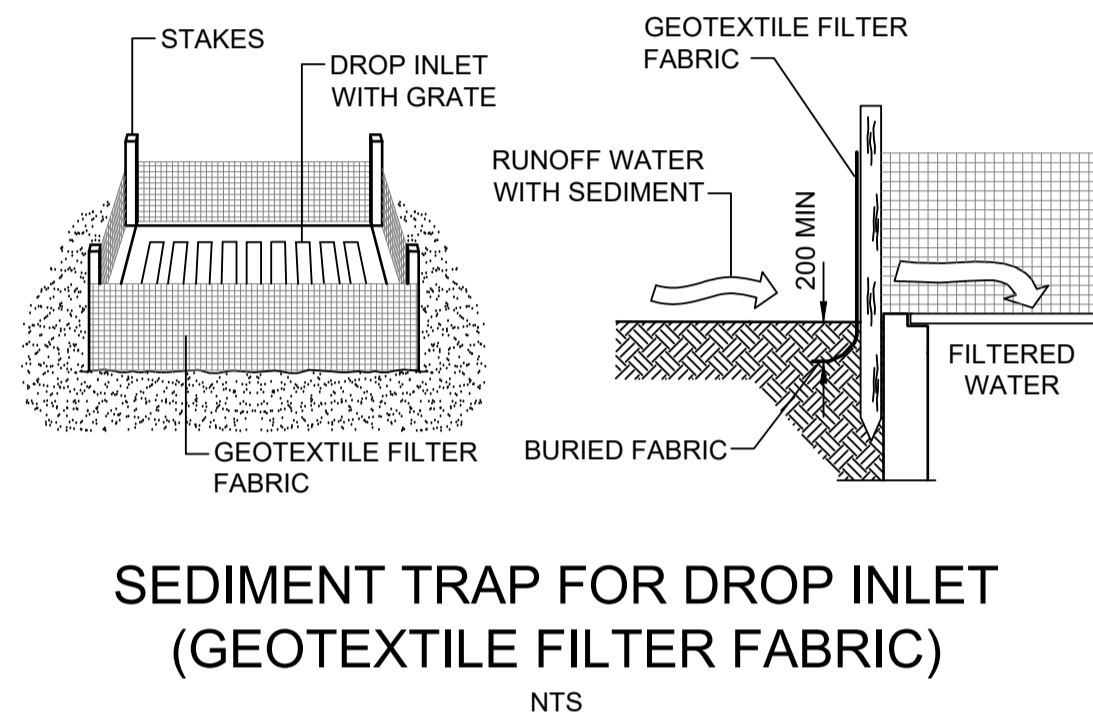
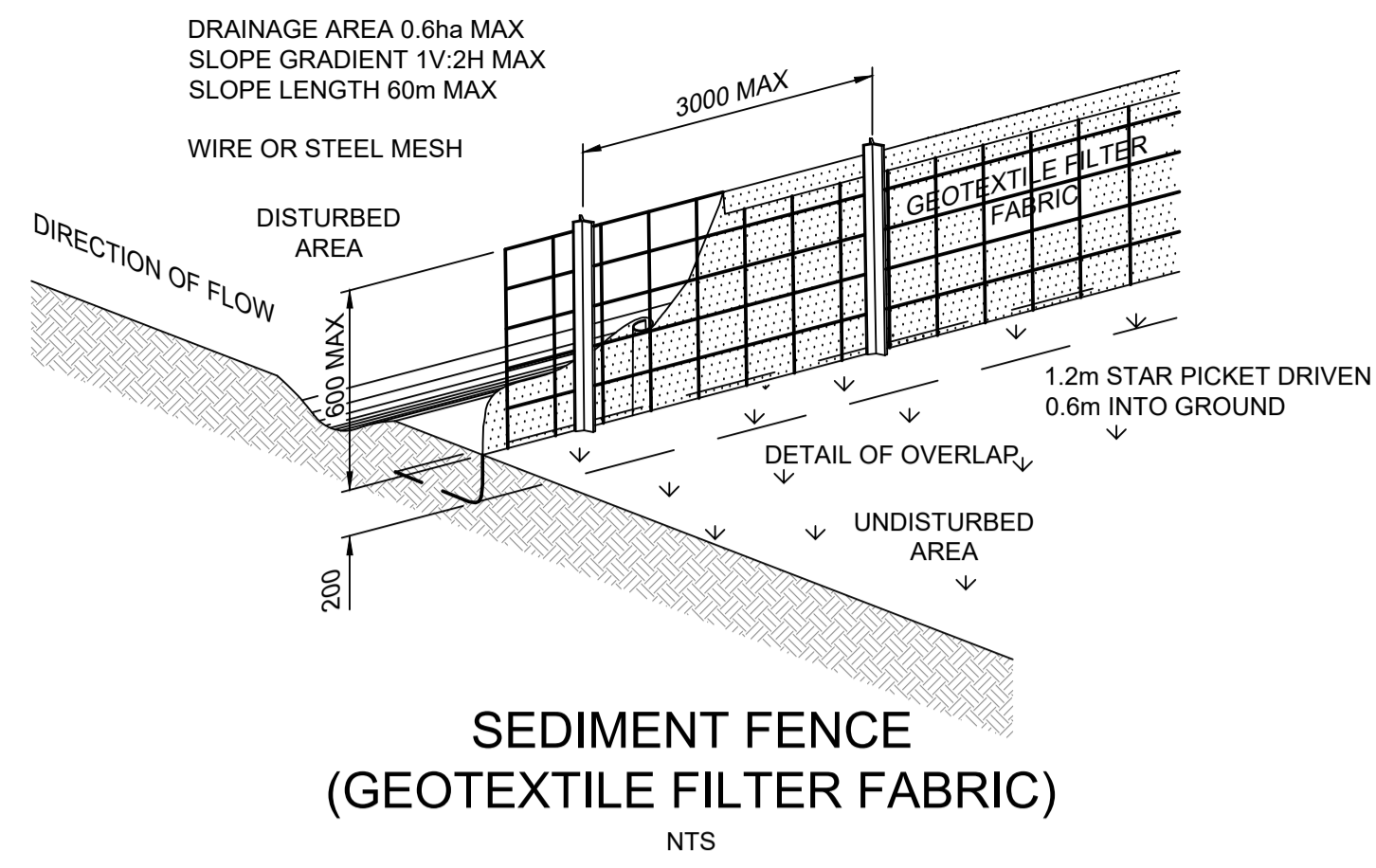
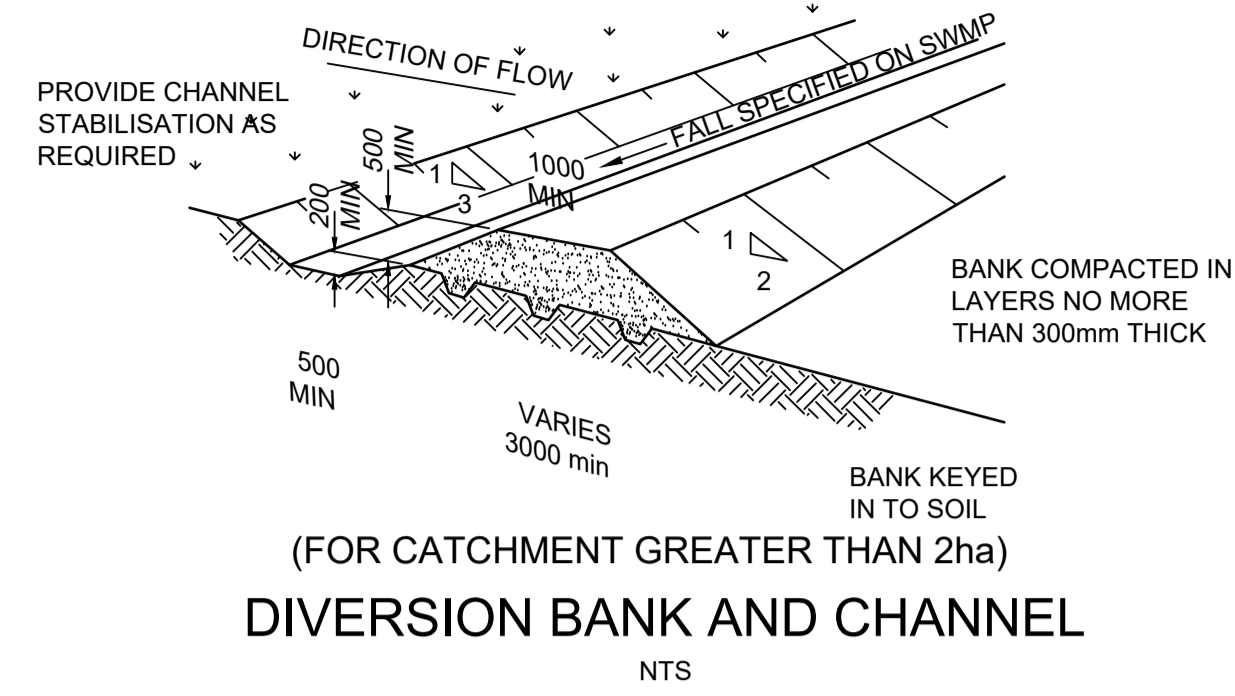
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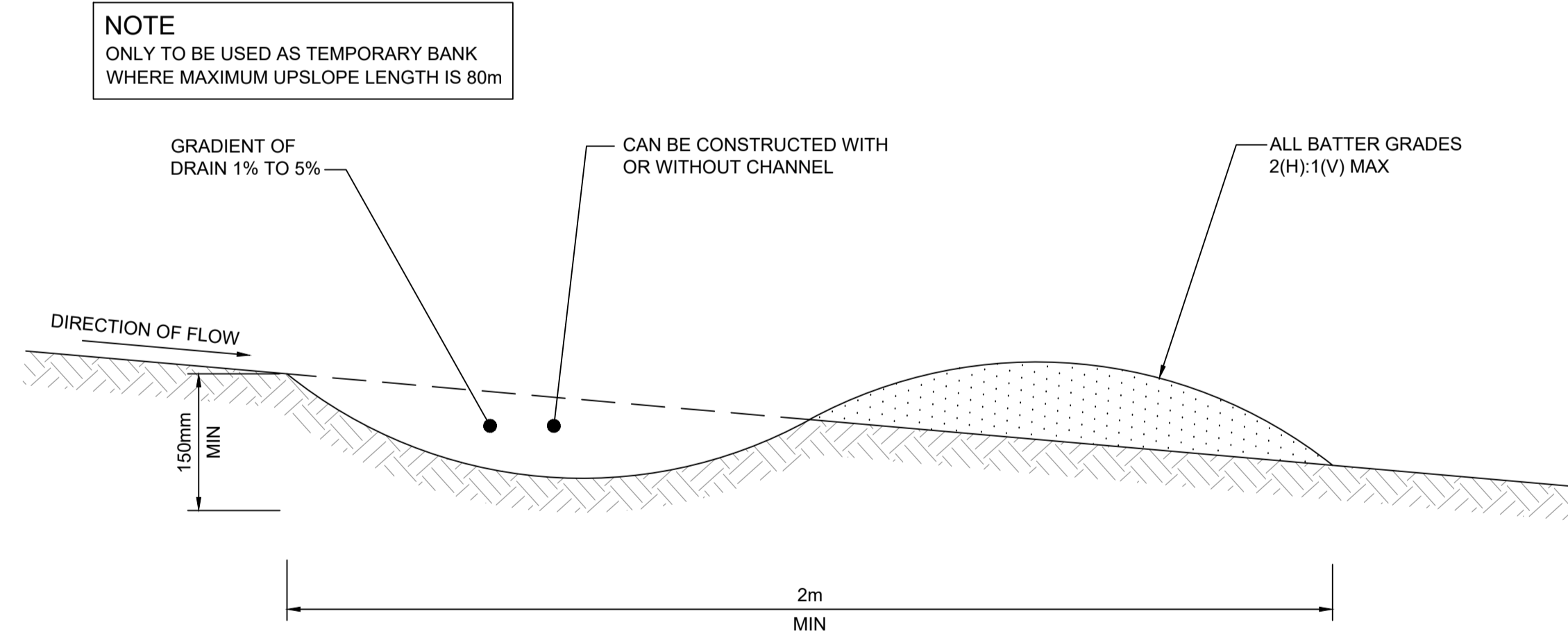
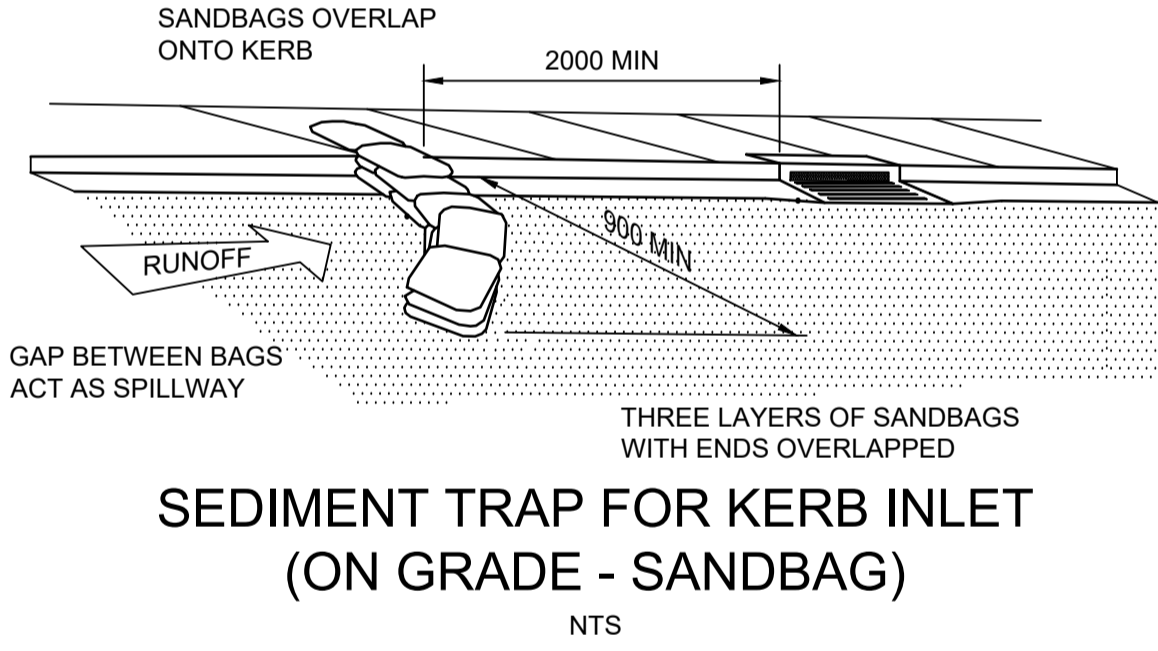
CLIENT	
TITLE	MARRICKVILLE TIMBER YARDS MARRICKVILLE, NSW 2204 EROSION AND SEDIMENT CONTROL PLAN

DRAWING INFORMATION	
Drawn: J. O	Revision: 02
Designed: J. LAOKITTICHAJ	Status: INF
Checked: J.H. LEE	Security: STD
Approved: D. FETTELL	
DRAWING NUMBER	
104007-MMD-00-XX-DR-C-0951	



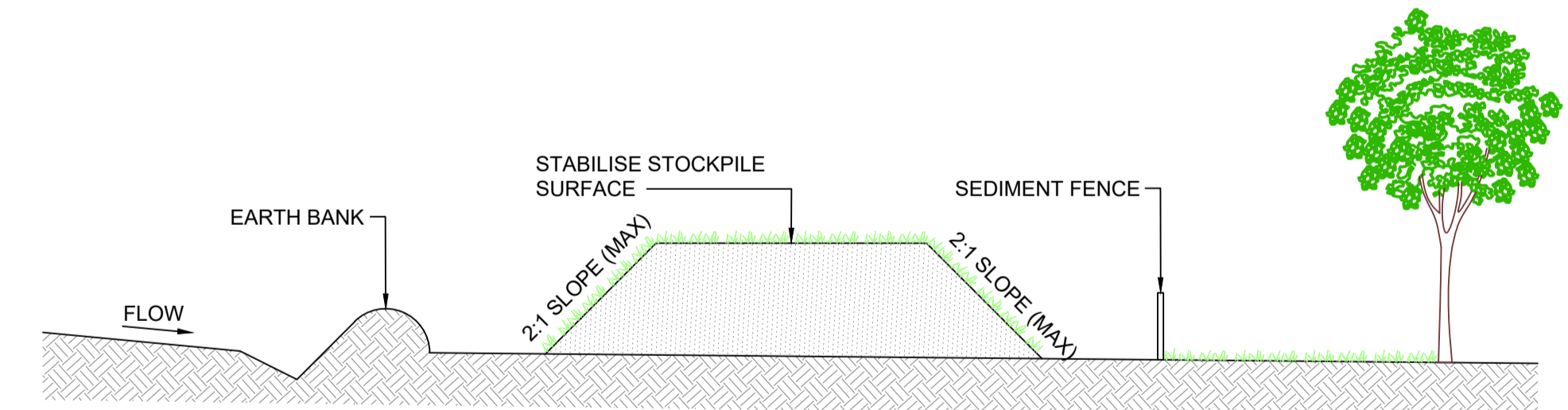
MAINTENANCE

- THE TEMPORARY ACCESS SHALL BE MAINTAINED IN A CONDITION THAT PREVENTS TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS OF WAY.
- THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL GRAVEL AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS OF WAY MUST BE REMOVED IMMEDIATELY.



CONSTRUCTION NOTES

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



CONSTRUCTION NOTES

1. PLACE STOCKPILES AS DIRECTED BY THE SUPERINTENDENT.
2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2m IN HEIGHT.
4. WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED E.S.C.P OR S.W.M.P. TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
5. CONSTRUCT EARTH BANKS ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND INSTALL SEDIMENT FENCES 1m TO 2m DOWNSLOPE CONSISTENT WITH 'MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION', ALSO KNOWN AS 'THE BLUE BOOK'.

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