

15 SOUTHERN CROSS WAY, ALLAMBIE HEIGHTS, NSW 2010. LOT 8

STORMWATER MANAGEMENT PLANS

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Revision Details:			Orientation	<div>FOUND. CONSULTANT ENGINEERS</div> <div>admin@feen.com.au PO Box 4, West Pennant Hills NSW 2125</div>	Project: STORMWATER DRAINAGE 15 Southern Cross Way, Allambie Heights, NSW 2010. LOT 8 DP 223922	Drawing Title: DRAWING INDEX	Drawing Details:			
Issue	Date	Notes					Date: DECEMBER 2024		Drawing No: SD01.0	
DA1	05-12-2024	ISSUED FOR FOR DEVELOPMENT APPLICATION			Client: Wes & Louise Quick	FOR DEVELOPMENT APPLICATION	Size: A1		Issue: DA2	
DA2	22-01-2025	ISSUED FOR FOR DEVELOPMENT APPLICATION					Project No: <div>DCN4111124</div>			

SAFETY IN DESIGN AND CONSTRUCTION

GENERAL

SD.1 EACH CONSTRUCTION PROJECT IS UNIQUE DUE TO ITS SPECIFIC COMBINATION OF STAKEHOLDERS, THEIR SPECIALISED OBJECTIVES, RELEVANT TIME FRAMES AND ENVIRONMENT FACTORS. THE SAFETY RISK MITIGATION ITEMS SET OUT BELOW ARE BASED ON INFORMATION MADE AVAILABLE TO US AT THE TIME OF MAKING THESE DRAWING, OUR OFFICE EXPERIENCE AND TAKING INTO ACCOUNT GENERALITY OF SITUATIONS; HENCE THEY MAY NOT NECESSARILY REPRESENT EVERY SINGLE POSSIBLE RISK THAT MAY UNFOLD AS CONSTRUCTION WORK PROCEEDS IN ITS UNIQUE SET OF CIRCUMSTANCES. THIS, DOES NOT REDUCE OR CAN BE CONSIDERED AS SUBSTITUTE TO THE OBLIGATION OF EACH CONTRACTOR, USER, MAINTAINER AND DEMOLISHER TO PREPARE THEIR OWN SAFETY PROCEDURES AND RISK MITIGATION PLANS.

SD.2 ALWAYS PRIORITIES RISK ELIMINATION PRACTICES OVER ENGINEERING SOLUTIONS AIMED TO REDUCE THE POSSIBILITY OF RISK.

SD.3 BUILT-IN SAFETY ELEMENTS SUCH AS FALL-ARREST SYSTEMS, SAFE ACCESS, ETC ARE TO BE CONSTRUCTED AS EARLY AS POSSIBLE.

SD.4 MOVEMENT PLANS FOR BOTH PLANTS AND PERSONNEL SHALL BE PREPARED AND IMPLEMENTED PRIOR TO COMMENCEMENT OF THE ACTIVITIES AND SEPARATION OF PLANTS AND PERSONNEL SHOULD BE ADEQUATELY TAKEN INTO ACCOUNT.

SD.5 HAVE LOAD CAPACITY OF STRUCTURES VERIFIED BY STRUCTURAL ENGINEER BEFORE LOADING BY STORING MATERIALS ON EXISTING OR PARTIALLY COMPLETED STRUCTURAL ELEMENTS.

SD.6 UNDER NO CIRCUMSTANCES CAN STRUCTURAL MEMBERS BE CUT, NOTCHED OR DRILLED TO ACCOMMODATE NEW SERVICES. DO NOT CUT OR UNBOLT ANY STRUCTURAL MEMBERS WITHOUT SEEKING REVIEW BY STRUCTURAL ENGINEERS.

SD.7 ALL CONTRACTORS SHOULD ALWAYS OBTAIN AND MAINTAIN AN UPDATED AND ADEQUATE RECORD OF LIVE ELECTRICAL INFRASTRUCTURE IN THE SITE AND ITS VICINITY. ENSURE ISOLATION SAFE SYSTEMS OF WORK OR PROTECTIVE MEASURES ARE INSTALLED BEFORE WORKING NEAR LIVE ELECTRICAL INFRASTRUCTURE.

SD.8 TRY TO AVOID WORKING IN CONFINED SPACES. IF CONFINED SPACES WORK CAN'T BE AVOIDED, PROVIDE SAFE WORK METHOD STATEMENT ADDRESSING MITIGATION OF RISK. PROVIDE ADEQUATE SIGNAGE TO TEMPORARY AND PERMANENT CONFINED SPACES TO AS2865.

SD.9 AVOID HOT WORKS ON SITE PARTICULARLY IN TIMBER FRAMED STRUCTURES. HOT WORKS TO COMPLY WITH CLIENT PROCEDURES FOR APPLICABLE "HOT WORKS PERMITS".

SD.10 MAKE WORK AREAS SAFE WHERE STRUCTURAL ELEMENTS ARE DAMAGED, CRACKED OR HAVE SUFFERED SIGNIFICANT SECTION LOSS BEFORE ALLOWING GENERAL CONSTRUCTION OR REPAIR ACCESS.

SD.11 DEVELOP AND IMPLEMENT RISK MITIGATION STRATEGIES BEFORE ALLOWING ACCESS OVER SUSPENDED CLADDING FINISHES THAT MAY BECOME BRITTLE OVER TIME.

SD.12 REMOVE MATERIAL FROM STORAGE STRUCTURES BEFORE UNDERTAKING MAINTENANCE WORK.

SD.13 PROP ALL EXISTING STRUCTURES PRIOR TO REMOVAL OF SUPPORTING ELEMENTS. PROVIDE WRITTEN WORK METHOD STATEMENT AND SEEK APPROVAL FROM ENGINEER PRIOR TO REMOVAL.

SD.14 COMPONENTS WITHIN THIS DESIGN WITH A MASS IN EXCESS OF 25KG SHOULD BE LIFTED BY TWO OR MORE WORKERS OR BY MECHANICAL LIFTING WHERE THIS IS NOT PRACTICAL. SUPPLIERS OR

FABRICATORS SHOULD BE REQUIRED TO LIMIT THE COMPONENT MASS.

SD.15 ALL MATERIAL PACKAGING, BUILDING AND MAINTENANCE COMPONENTS SHOULD CLEARLY SHOW THE TOTAL MASS OF PACKAGES AND WHERE PRACTICAL ALL ITEMS SHOULD BE STORED ON SITE IN A WAY WHICH MINIMISES BENDING BEFORE LIFTING. ADVICE SHOULD BE PROVIDED ON SAFE LIFTING METHODS IN ALL AREAS WHERE LIFTING MAY OCCUR.

SD.16 WHERE CONSTRUCTION, MAINTENANCE AND DEMOLITION OF THE BUILDING REQUIRES THE USE OF PORTABLE TOOLS AND EQUIPMENT, THESE SHOULD BE FULLY MAINTAINED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND NOT USED WHERE FAULTY OR (IN THE CASE OF ELECTRICAL EQUIPMENT) NOT CARRYING A CURRENT ELECTRICAL SAFETY TAG. ALL SAFETY GUARDS OR DEVICES SHOULD BE REGULARLY CHECKED AND PERSONAL PROTECTIVE EQUIPMENT SHOULD BE USED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.

FALLS, SLIPS, TRIPS

WORKING AT HEIGHTS

DURING CONSTRUCTION

SD.17 WHEREVER POSSIBLE, COMPONENTS FOR THIS BUILDING SHOULD BE PREFABRICATED OFF-SITE OR AT GROUND LEVEL TO MINIMISE THE RISK OF WORKERS FALLING MORE THAN TWO METRES. HOWEVER, IN CASES CONSTRUCTION WORKS REQUIRE WORKERS TO BE WORKING AT HEIGHTS WHERE A FALL IN EXCESS OF TWO METRES IS POSSIBLE AND INJURY IS LIKELY TO RESULT FROM SUCH A FALL. THE BUILDER SHOULD PROVIDE A SUITABLE BARRIER WHEREVER A PERSON IS REQUIRED TO WORK IN A SITUATION WHERE FALLING MORE THAN TWO METRES IS A POSSIBILITY.

DURING OPERATION OR MAINTENANCE

SD.18 CLEANING AND MAINTENANCE OF WINDOWS, WALLS, ROOF OR OTHER COMPONENTS OF THIS BUILDING MAY REQUIRE PERSONS TO BE SITUATED WHERE A FALL FROM A HEIGHT IN EXCESS OF TWO METRES IS POSSIBLE. WHERE THIS TYPE OF ACTIVITY IS REQUIRED, SCAFFOLDING, LADDERS OR

TRESTLES SHOULD BE USED IN ACCORDANCE WITH RELEVANT CODES OF PRACTICE, REGULATIONS OR LEGISLATION.

FOR BUILDINGS WHERE SCAFFOLD, LADDERS, TRESTLES ARE NOT APPROPRIATE:

CLEANING AND MAINTENANCE OF WINDOWS, WALLS, ROOF OR OTHER COMPONENTS OF THIS BUILDING WILL REQUIRE PERSONS TO BE SITUATED WHERE A FALL FROM A HEIGHT IN EXCESS OF TWO METRES IS POSSIBLE. WHERE THIS TYPE OF ACTIVITY IS REQUIRED, SCAFFOLDING,

FALL BARRIERS OR PERSONAL PROTECTIVE EQUIPMENT (PPE) SHOULD BE USED IN ACCORDANCE WITH RELEVANT CODES OF PRACTICE, REGULATIONS OR LEGISLATION.

FALLING OBJECTS

LOOSE MATERIALS OR SMALL OBJECTS

SD.19 CONSTRUCTION, MAINTENANCE OR DEMOLITION WORK ON OR AROUND A BUILDING IS LIKELY TO INVOLVE PERSONS WORKING ABOVE GROUND LEVEL OR ABOVE FLOOR LEVELS. WHERE THIS OCCURS ONE OR MORE OF THE FOLLOWING MEASURES SHOULD BE TAKEN TO AVOID OBJECTS FALLING FROM THE AREA WHERE THE WORK IS BEING CARRIED OUT ONTO PERSONS BELOW.

1. PREVENT OR RESTRICT ACCESS TO AREAS BELOW WHERE THE WORK IS BEING CARRIED OUT.
2. PROVIDE TOEBOARDS TO SCAFFOLDING OR WORK PLATFORMS.
3. PROVIDE PROTECTIVE STRUCTURE BELOW THE WORK AREA.
4. ENSURE THAT ALL PERSONS BELOW THE WORK AREA HAVE PERSONAL PROTECTIVE EQUIPMENT (PPE).

HAZARDOUS SUBSTANCES

(I) ASBESTOS

FOR ALTERATIONS TO A BUILDING CONSTRUCTED PRIOR TO 1990:

IF THIS EXISTING BUILDING WAS CONSTRUCTED PRIOR TO:

1990 - IT THEREFORE MAY CONTAIN ASBESTOS

1986 - IT THEREFORE IS LIKELY TO CONTAIN ASBESTOS

EITHER IN CLADDING OR IN FIRE RETARDANT INSULATION MATERIAL. IN EITHER CASE, THE BUILDER SHOULD CHECK AND, IF NECESSARY, TAKE APPROPRIATE ACTION BEFORE DEMOLISHING, CUTTING, SANDING, DRILLING OR OTHERWISE DISTURBING THE EXISTING STRUCTURE.

(II) POWDERED MATERIALS

MANY MATERIALS USED IN THE CONSTRUCTION OF THIS BUILDING CAN CAUSE HARM IF INHALED IN POWDERED FORM. PERSONS WORKING ON OR IN THE BUILDING DURING CONSTRUCTION, MAINTENANCE OR DEMOLITION SHOULD ENSURE GOOD VENTILATION AND WEAR PERSONAL PROTECTIVE EQUIPMENT INCLUDING PROTECTION AGAINST INHALATION WHILE USING POWDERED MATERIAL OR WHEN DRILLING, CUTTING OR OTHERWISE DISTURBING OR CREATING POWDERED MATERIAL.

(III) TREATED TIMBER

THE DESIGN OF THIS BUILDING MAY INCLUDE PROVISION FOR THE INCLUSION OF TREATED TIMBER WITHIN THE STRUCTURE. DUST OR FUMES FROM THIS MATERIAL CAN BE HARMFUL. PERSONS WORKING ON OR IN THE BUILDING DURING CONSTRUCTION, OPERATIONAL MAINTENANCE OR DEMOLITION SHOULD ENSURE GOOD VENTILATION AND WEAR PERSONAL PROTECTIVE EQUIPMENT INCLUDING PROTECTION AGAINST INHALATION OF HARMFUL MATERIAL WHEN SANDING, DRILLING, CUTTING OR USING TREATED TIMBER IN ANY WAY THAT MAY CAUSE HARMFUL MATERIAL TO BE RELEASED. DO NOT BURN TREATED TIMBER.

(IV) VOLATILE ORGANIC COMPOUNDS

MANY TYPES OF GLUE, SOLVENTS, SPRAY PACKS, PAINTS, VARNISHES AND SOME CLEANING MATERIALS AND DISINFECTANTS HAVE DANGEROUS EMISSIONS. AREAS WHERE THESE ARE USED SHOULD BE KEPT WELL VENTILATED WHILE THE MATERIAL IS BEING USED AND FOR A PERIOD AFTER INSTALLATION. PERSONAL PROTECTIVE EQUIPMENT MAY ALSO BE REQUIRED. THE MANUFACTURER'S RECOMMENDATIONS FOR USE MUST BE CAREFULLY CONSIDERED AT ALL TIMES.

(V) SYNTHETIC MINERAL FIBRE

FIBREGLASS, ROCKWOOL, CERAMIC AND OTHER MATERIAL USED FOR THERMAL OR SOUND INSULATION MAY CONTAIN SYNTHETIC MINERAL FIBRE WHICH MAY BE HARMFUL IF INHALED OR IF IT COMES IN CONTACT WITH THE SKIN, EYES OR OTHER SENSITIVE PARTS OR THE BODY. PERSONAL PROTECTIVE EQUIPMENT INCLUDING PROTECTION AGAINST INHALATION OF HARMFUL MATERIAL SHOULD BE USED WHEN INSTALLING, REMOVING OR WORKING NEAR BULK INSULATION MATERIAL.

(VI) TIMBER FLOORS

THIS BUILDING MAY CONTAIN TIMBER FLOORS WHICH HAVE AN APPLIED FINISH. AREAS WHERE FINISHES ARE APPLIED SHOULD BE KEPT WELL VENTILATED DURING SANDING AND APPLICATION AND FOR A PERIOD AFTER INSTALLATION. PERSONAL PROTECTIVE EQUIPMENT MAY ALSO BE REQUIRED. THE MANUFACTURER'S RECOMMENDATIONS FOR USE MUST BE CAREFULLY CONSIDERED AT ALL TIMES.

PUBLIC ACCESS

PUBLIC ACCESS TO CONSTRUCTION AND DEMOLITION SITES AND TO AREAS UNDER MAINTENANCE CAUSES RISK TO WORKERS AND PUBLIC. WARNING SIGNS AND SECURE BARRIERS TO UNAUTHORISED ACCESS SHOULD BE PROVIDED. WHERE ELECTRICAL INSTALLATIONS, EXCAVATIONS, PLANT OR LOOSE MATERIALS ARE PRESENT THEY SHOULD BE SECURED WHEN NOT FULLY SUPERVISED.

GENERAL CONSTRUCTION

GC.1 THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DOCUMENTS, ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCIES SHALL BE REFERRED TO THE ARCHITECT BEFORE PROCEEDING WITH WORK.

GC.2 THE INFORMATION CONTAINED WITHIN ON THE DRAWING SHEET IS APPLICABLE TO ALL DOCUMENTS CONTAINED WITH THE "DRAINAGE" ENGINEERING DOCUMENTATION SET.

GC.3 DRAWING SHALL NOT BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED ON SITE BEFORE CONSTRUCTION / FABRICATION.

GC.4 ALL LEVELS CONTAINED WITH THE ENGINEERING DOCUMENTATION ARE BASED ON LEVELS PROVIDED TO THIS OFFICE. THIS OFFICE ACCEPTS NO RESPONSIBILITY FOR ANY DISCREPANCIES AS A RESULT OF INCORRECT INFORMATION.

GC.5 ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS AND CODES AND THE BY-LAWS AND ORDINANCES OF THE RELEVANT BUILDING AUTHORITIES.

GC.6 NO RESPONSIBILITY WILL BE ACCEPTED FOR DRAWING DISCREPANCIES UNLESS THE WORKS ARE FULLY SUPERVISED BY THE ENGINEER. NO SUBSTITUTION SHALL OCCUR WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.

GC.7 INFORMATION, LOCATIONS AT SETOUTS ARE DIAGRAMMATIC ONLY. THE BUILDER SHALL ALLOW FOR ALL WORKS REQUIRED TO SATISFY THE DESIGN INTENT OF THE ENGINEERING DOCUMENTATION.

GC.8 ALL REQUIRED INSPECTIONS SHALL BE CONFIRMED 24 HOURS IN ADVANCE OF TIME REQUIRED

GC.9 PRIOR TO THE COMMENCEMENT OF ANY WORKS WITHIN THE ROAD RESERVE, THE CONTRACTOR SHALL LOCATE ALL SUBSURFACE SERVICES AND AUTHORITY ASSETS. WHERE A LOCATED SERVICE OR ASSET IS LOCATED THAT EFFECTS THE INFORMATION CONTAINED WITH THIS ENGINEERING DOCUMENTATION SET, THE ENGINEER IS TO BE CONTACTED FOR FURTHER ADVISE AND DIRECTION

GC.10 THE CO-ORDINATION OF SERVICES OTHER THAN THOSE INDICATED IN THIS ENGINEERING DOCUMENTATION SET IS THE RESPONSIBILITY OF THE BUILDER

SITE WORKS AND SITE MAINTENANCE

GS.1 ADEQUATE DRAINAGE SHALL BE PROVIDED TO PREVENT WATER PONDING OR COLLECTING ADJACENT TO THE WORKS.

GS.2 TRENCHES UNDER OR ADJACENT TO THE WORKS SHALL BE BACKFILLED WITH COMPACTED CLAY OR CONCRETE.

GS.3 TRENCHES PARALLEL TO THE EDGE OF A STRUCTURE SHALL BE OFFSET A DISTANCE AT LEAST EQUAL TO THE DEPTH OF THE TRENCH EXCAVATION.

GS.4 ROOF GUTTERS, DOWN PIPES, STORM WATER AND SEWERAGE DRAINAGE SHALL BE MAINTAINED TO PREVENT OVERFLOWS. ANY LEAKS SHALL BE PROMPTLY REPAIRED.

GS.5 THE PLANTING OF TREES AND LARGE SHRUBS AND GENERAL SITE MAINTENANCE SHALL COMPLY WITH THE REQUIREMENTS OF AS2870 - 1996 AND CSIRO BUILDING TECHNOLOGY BTF 18. THE BUILDER SHALL NOTIFY THE OWNER OF THESE REQUIREMENTS.

TRAFFIC MANAGEMENT

TM.1 TRAFFIC MANAGEMENT SHALL BE ARRANGED BY THE CONTRACTOR FOR THE DURATION OF THE WORKS IN ACCORDANCE WITH THE SPECIFICATIONS AND TO THE SATISFACTION OF ALL PARTIES, INCLUDING THE PROVISION OF ALL NECESSARY SIGNAGE, LIGHTING AND BARRICADING. TRAFFIC FLOWS IN ALL ABUTTING ROADWAYS AND ACCESS TO THE SITE SHALL REMAIN UNIMPEDED FOR THE DURATION OF THE CONTRACT. A TRAFFIC MANAGEMENT PLAN FOR ANY EXTERNAL ROAD WORKS SHALL BE SUBMITTED TO N/A FOR APPROVAL A MINIMUM OF TWO WEEKS PRIOR TO COMMENCEMENT OF WORKS.

TM.2 A TRAFFIC MANAGEMENT PLAN WHERE REQUIRED BY THE LOCAL AUTHORITY SHALL BE PROVIDED BY THE BUILDER TO ENSURE ALL WORKS ARE CONDUCTED IN A SAFE MANOR. THE BUILDER SHALL BE RESPONSIBLE FOR THE PROCUREMENT AND EXECUTION OF THE TRAFFIC MANAGEMENT PLAN

TM.3 ALL LINEMARKING TO BE APPROVED LONG LIFE ROAD MARKING PAINT UNLESS OTHERWISE NOTED.

TM.4 ALL LINE MARKING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROJECT TRAFFIC ENGINEER AND ARCHITECTS DOCUMENTATION. WHERE A DISCREPANCY EXISTING THE PROJECT MANAGER IS TO BE CONTACTED FOR FURTHER ADVISE AND DIRECTION

WORKS WITHIN ROAD RESERVE

WR.1 ALL WORKS WITH THE ROAD RESERVE (INCLUSIVE OF FOOTPATHS) SHALL BE CONSTRUCTED IN ACCORDANCE WITH REQUIREMENTS OF MONASH CITY COUNCIL SPECIFICATIONS AND STANDARD DETAILS

WR.2 PRIOR TO THE COMMENCEMENT OF ANY WORKS WITH IN THE ROAD RESERVE, THE BUILD SHALL APPLY FOR AND OBTAIN ALL NECESSARY PERMITS AND AUTHORIZATIONS, FOR ALL RELEVANT AUTHORITIES.

PAVEMENTS

P.1 ALL EXISTING PAVEMENT ADJACENT TO PROPOSED KERB OR PROPOSED JOINTS SHALL BE NEATLY SAWCUT IN A STRAIGHT LINE TO THE SATISFACTION OF THE SUPERVISING ENGINEER, AND TO HAVE 300mm OVERLAP.

P.2 ALL TRENCHING WORKS IN OR UNDER EXISTING PAVEMENTS SHALL HAVE SAWCUT EDGES AND NEW PAVEMENT REINSTATED TO NEATLY MATCH EXISTING LEVELS.

P.3 EXISTING PAVEMENT AREAS THAT REMAIN, WHERE CRACKING IS EVIDENT SHALL BE REPAIRED WITH A PROPRIETARY PRODUCT TO THE MANUFACTURERS' SPECIFICATIONS.

P.4 SAWCUT OR TOOLED CONTRACTION JOINTS SHALL BE PROVIDED AT MAX. 1.4m CENTRES TO ALL FOOTPATHS OR PEDESTRIAN PAVING UNLESS NOTED OTHERWISE OR DIRECTED BY THE LOCAL AUTHORITY. A 19mm EXPANSION JOINT SHALL BE PROVIDED WHENEVER RIGID PAVEMENTS ABUT FIXED STRUCTURES.

P.5 WHERE REQUIRED ALL NEW KERBS ARE TO EXISTING KERBS, LEVEL AND NEATLY, ENSURING MINIMUM 1 IN 250 GRADE, SAW CUTTING AND REINSTATING PAVEMENT IN FRONT OF KERB TO FALL TO NEW KERB LEVEL.

TRENCHING

T.1 PIPE BEDDING AND BACKFILLING OF ALL STORMWATER TRENCHES SHALL BE TO A LEVEL OF 450mm ABOVE THE TOPS OF PIPES AND SHALL BE IMPORTED CLASS 3 FINE CRUSHED ROCK, WITH A NOMINAL SIZE 20mm, PLACED IN NOT EXCEEDING 120MM LAYERS. ALL LAYERS SHALL BE COMPACTED PRIOR TO HE INSTALLED ON SUBSEQUENT LAYERS.

T.2 PRIOR TO THE COMMENCEMENT OF FILLING THE SITE SHALL BE STRIPPED AS NOTED. FILLING IS TO BE CARRIED OUT IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND AS3798. APPROVED MATERIAL WON FROM SITE OR APPROVED COMPACTED FILL SHALL BE MOISTURE CONDITIONED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT PRIOR TO BEING PLACED IN UNIFORM HORIZONTAL LAYERS OF 200mm MAXIMUM DEPTH AND COMPACTED AS SPECIFIED. ALL FINISHED SURFACES SHALL ACHIEVE A MINIMUM COMPACTION OF 98% STANDARD DRY DENSITY. COMPACTION TESTING OF ALL FILL SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF AS 3798.

T.3 BUILDER SHALL ENSURE THAT ALL TRENCHING ADJACENT EXISTING OF PROPOSED FOOTING DO NO UNDERMINE THESE FOOTINGS. REFER TO THE ANGLE OF REPOSE REQUIREMENT IN THE STRUCTURAL ENGINEERING DOCUMENTATION AND THE GEOTECHNICAL ENGINEERS REPORT FOR FURTHER INFORMATION.

EARTH WORKS

EW.1 THE CONTRACTOR SHALL INSTALL, MAINTAIN AND PROTECT SURVEY PEGS AND SURVEY MARKS FOR THE DURATION OF THE WORKS. EARTHWORKS SHALL BE CARRIED OUT TO THE FINISHED SURFACE LEVELS SHOWN ON THE PLANS AND CROSS SECTIONS. CUT AND FILL BATTERS SHALL NOT EXCEED THE REQUIREMENT OF THE GEOTECHNICAL ENGINEERS REPORT.

EW.2 THE CONTRACTOR SHALL STRIP ALL AREAS SUBJECT TO BULK EARTHWORKS, PAVEMENT CONSTRUCTION OR BUILDING WORKS OF ALL TOPSOIL AND OTHER DELETERIOUS MATERIAL AND MATERIAL COMPROMISED BY EXPOSURE TO ADVERSE CONDITION.

EW.3 THE BUILDER SHALL MAINTAIN SITE GRADING AND DRAINAGE AND TO PROTECT AND MAINTAIN SUB-GRADES IN A SUITABLE CONDITION (MIN. CBR 4%) IN ORDER TO ACHIEVE THE COMPACTIONS SPECIFIED. SHOULD SUB-GRADES BECOME SATURATED OF DAMAGED, ANY UNSUITABLE MATERIAL IS TO BE REMOVED AND MADE GOOD WITH TYPE B GENERAL FILL AND/OR LIME/CEMENT STABILIZED AS REQUIRED IN ORDER TO MAINTAIN SUB-GRADES. ALL SUB-GRADES ARE TO BE PROOF ROLLED AND APPROVED PRIOR TO CONSTRUCTION OF PAVEMENTS AND/OR COMMENCEMENT OF FILLING.

EW.4 ALL EXCAVATIONS OF SERVICES SHALL BE IN ACCORDANCE WITH THE "SAFETY PRECAUTIONS IN TRENCHING OPERATIONS", AND ALL OTHER LEGISLATIVE REQUIREMENTS

Revision Details:			Orientation	<div><div>FOUND.</div><div>CONSULTANT ENGINEERS</div><div>admin@fecn.com.au PO Box 4, West Pennant Hills NSW 2125</div></div>	Project: <div>STORMWATER DRAINAGE 15 Southern Cross Way, Allambie Heights, NSW 2010. LOT 8 DP 223922</div>	Drawing Title: <div>GENERAL NOTES</div>	Drawing Details:		
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		Client: Wes & Louise Quick		FOR DEVELOPMENT APPLICATION	
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EARTHWORK NOTES:

BEFORE COMMENCEMENT OF WORK REFER TO GEOTECHNICAL INVESTIGATION REPORT AG23741 DATED 1 NOVEMBER 2023 BY ASCENT GEO. FOR TRENCHING, EXCAVATION, SITE DRAINAGE AND RETAINING SYSTEM.
THIS OFFICE TO BE CONTACTED IMMEDIATELY IF ANY DISCREPANCY WITH OTHER DOCUMENTATION IS IDENTIFIED.

ALL RLs TO BE CONFIRMED IN WRITING BY THE ARCHITECT BEFORE COMMENCEMENT OF THE WORK.

DOWN PIPE NOTES:

LOCATION & NUMBER OF DOWNPIPES AND ROOF/FLOOR WASTES/DRAINS TO BE AS PER THE ARCHITECTURAL DRAWINGS.
THE PLUMBER IS TO CONNECT ALL NEW DOWNPIPES FROM ROOFS AND CONNECT INTO NEW STORM WATER RETICULATION SYSTEM.

PAVEMENT GRADING:

ALL PAVEMENTS TO BE GRADED TOWARDS STORM WATER PITS OR GRATED DRAINS. MINIMUM CROSS FALL OF 1:100, UNLESS NOTED OTHERWISE ON ARCHITECTS DRAWINGS

WARNING - EXISTING SERVICES

THE CONTRACTOR IS TO ASCERTAIN THE PRECISE LOCATION & EXPOSE ALL EXISTING SERVICES THAT MAY BE AFFECTED BY THE PROPOSED WORKS PRIOR TO COMMENCEMENT OF ANY EXCAVATION. CONTRACTOR IS TO ALLOW FOR ALL WORKS ASSOCIATED WITH DEMOLITION, SEALING, REWORK, RELOCATION, PROTECTION ETC OF SERVICES TO SUIT NEW WORKS AND AUTHORITY REQUIREMENTS. CONTRACTOR TO ADVISE ENGINEERS OF ANY ALTERATIONS REQUIRED TO PROPOSED DRAINAGE SYSTEM, PRIOR TO COMMENCEMENT OF THE WORKS.

WARNING - EXTERNAL APPROVAL

THIS DRAWING IS SUBJECT TO THE APPROVAL OF LOCAL AUTHORITY. BUILDING CERTIFIER IS TO ISSUE DOCUMENTS TO LOCAL AUTHORITY FOR APPROVAL PRIOR TO ISSUE OF BUILDING PERMIT.

EXISTING DRAINAGE SYSTEM NOTE:

EXISTING DRAINAGE SYSTEM TO BE VERIFIED ON SITE BY THE CONTRACTOR AND MAKE GOOD IF REQUIRED.
THIS OFFICE TO BE CONTACTED BEFORE COMMENCEMENT OF THE WORK IN CASE THERE IS CONCERN ABOUT THE EXISTING DRAINAGE SYSTEM PERFORMANCE

DRAINAGE NOTES:

- REFER TO ARCHITECTURAL LANDSCAPING AND CIVIL PLANS FOR FINAL LEVELS AND GRADES TO ALL PAVING AND HARD LANDSCAPE FEATURES.
- UNSS DENOTES 100Ø HD UPVC SWR GRADE STORMWATER LAID AT MIN. 1:100.
- WHERE CLEAR COVER TO OVERT OF STORMWATER DRAINS IS LESS THAN 300mm BACKFILL WITH 5% STABILIZED SAND.
- ALL PAVING TO GRADE INTO STORMWATER PITS AT MIN. GRADES 1:150 WHEREVER POSSIBLE. OTHERWISE GRADE TO GARDEN BEDS.
- REFER THIS SHEET FOR TYPICAL PAVEMENT PROFILES REFER TO ARCHITECTURAL DRAWINGS FOR PLAN EXTENT OF DIFFERENT PAVEMENTS.
- ALL DRAINAGE LEVELS TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- Ø100 HD UPVC <----- PIPE DIAMETER
1:100 <----- PIPE GRADE

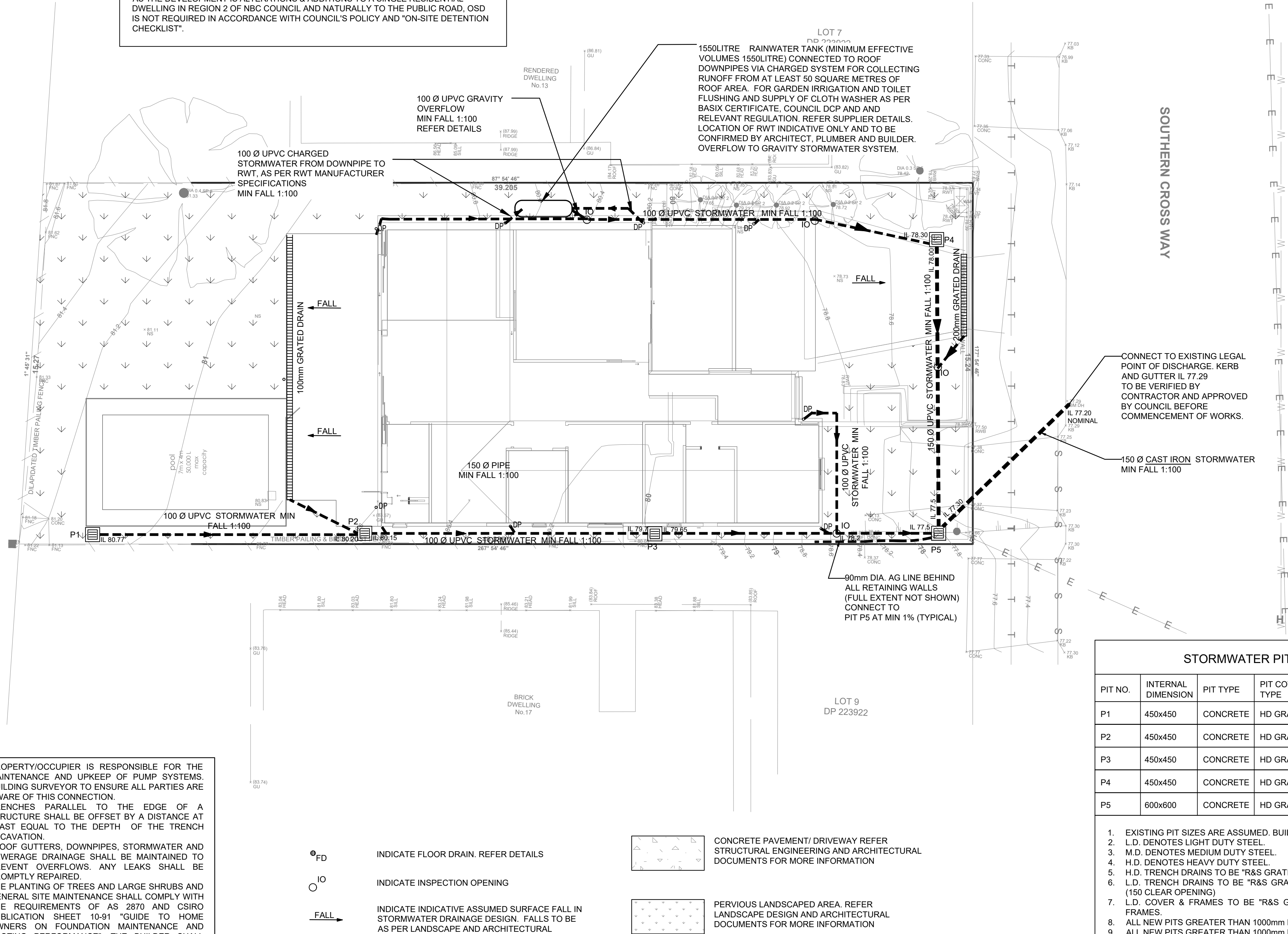
- PROPERTY/OCCUPIER IS RESPONSIBLE FOR THE MAINTENANCE AND UPKEEP OF PUMP SYSTEMS. BUILDING SURVEYOR TO ENSURE ALL PARTIES ARE AWARE OF THIS CONNECTION.
- TRENCHES PARALLEL TO THE EDGE OF A STRUCTURE SHALL BE OFFSET BY A DISTANCE AT LEAST EQUAL TO THE DEPTH OF THE TRENCH EXCAVATION.
- ROOF GUTTERS, DOWNPIPES, STORMWATER AND SEWERAGE DRAINAGE SHALL BE MAINTAINED TO PREVENT OVERFLOWS. ANY LEAKS SHALL BE PROMPTLY REPAIRED.
- THE PLANTING OF TREES AND LARGE SHRUBS AND GENERAL SITE MAINTENANCE SHALL COMPLY WITH THE REQUIREMENTS OF AS 2870 AND CSIRO PUBLICATION SHEET 10-91 "GUIDE TO HOME OWNERS ON FOUNDATION MAINTENANCE AND FOOTING PERFORMANCE". THE BUILDER SHALL NOTIFY THE OWNER OF THESE REQUIREMENTS.
- ALL PIPES UNDER SLABS AND PAVEMENTS TO BE uPVC SEWER GRADE PIPE SN10 OR BETTER

APPROXIMATE SITE DATA

POST DEVELOPMENT

TOTAL SITE AREA : 606.0 SQUARE METRES
PRE DEVELOPMENT IMPERVIOUS AREA : 263.0 SQUARE METRES
POST DEVELOPMENT IMPERVIOUS AREA : 373.0 SQUARE METRES
PROPOSED INCREASE IN IMPERVIOUS AREA : 110 SQUARE METRES



AS THE DEVELOPMENT IS ALTERATIONS & ADDITIONS TO A SINGLE RESIDENTIAL DWELLING IN REGION 2 OF NBC COUNCIL AND NATURALLY TO THE PUBLIC ROAD, OSD IS NOT REQUIRED IN ACCORDANCE WITH COUNCIL'S POLICY AND "ON-SITE DETENTION CHECKLIST".



STORMWATER PIT SCHEDULE

PIT NO.	INTERNAL DIMENSION	PIT TYPE	PIT COVER TYPE	RL TOP PIT	IL PIT	PIT DEPTH
P1	450x450	CONCRETE	HD GRATE	81.17 NOMINAL	80.77 NOMINAL	400 NOMINAL
P2	450x450	CONCRETE	HD GRATE	80.60 NOMINAL	80.15 NOMINAL	450 NOMINAL
P3	450x450	CONCRETE	HD GRATE	80.00 NOMINAL	89.65 NOMINAL	350 NOMINAL
P4	450x450	CONCRETE	HD GRATE	78.40 NOMINAL	78.00 NOMINAL	400 NOMINAL
P5	600x600	CONCRETE	HD GRATE	77.60 NOMINAL	77.30 NOMINAL	300 NOMINAL

- EXISTING PIT SIZES ARE ASSUMED. BUILDER TO ESTABLISH ON SITE.
- L.D. DENOTES LIGHT DUTY STEEL.
- M.D. DENOTES MEDIUM DUTY STEEL.
- H.D. DENOTES HEAVY DUTY STEEL.
- H.D. TRENCH DRAINS TO BE "R&S GRATING" LONG 3 CAST IRON GRATE & FRAMES.
- L.D. TRENCH DRAINS TO BE "R&S GRATING" TRAN2 CAST IRON GRATE & FRAMES. (150 CLEAR OPENING)
- L.D. COVER & FRAMES TO BE "R&S GRATING" LIGHT DUTY CAST IRON GRATE & FRAMES.
- ALL NEW PITS GREATER THAN 1000mm DEEP TO HAVE STEP RUNGS AT 300 MAX CTS.
- ALL NEW PITS GREATER THAN 1000mm DEEP TO HAVE STEP RUNGS AT 300 MAX CTS.
- PROVIDE CONCRETE ENCASING TO ALL PIPES WITH A COVER LESS THAN 500mm. TYPICAL FOR ALL PVC AND UPVC PIPES.
- ALL INVERT LEVELS AND PIT DEPTHS ARE INDICATIVE ONLY AND SUBJECT TO ACTUAL SITE CONDITIONS. BUILDER TO VERIFY ALL PIPE INVERTS AND PIT DEPTHS PRIOR TO INSTALLATION AND FABRICATION

Revision Details:			<div>Orientation</div> <div></div> <div></div> <div>admin@fcen.com.au PO Box 4, West Pennant Hills NSW 2125</div>	Project:	Drawing Title:	Drawing Details:		
Issue	Date	Notes		STORMWATER DRAINAGE 15 Southern Cross Way, Allambie Heights, NSW 2010. LOT 8 DP 223922	GENERAL DRAINAGE PLAN			
DA1	05-12-2024	ISSUED FOR FOR DEVELOPMENT APPLICATION		Client: Wes & Louise Quick	Issue Type:	Date: DECEMBER 2024	Drawing No:	
DA2	22-01-2025	ISSUED FOR FOR DEVELOPMENT APPLICATION			FOR DEVELOPMENT APPLICATION	Size: A1		
DA3	05-02-2025	ISSUED FOR FOR DEVELOPMENT APPLICATION					Issue:	
					Project No: <div>DCN41111124</div>		DA3	



EARTHWORK NOTES:

BEFORE COMMENCEMENT OF WORK REFER TO GEOTECHNICAL INVESTIGATION REPORT AG23741 DATED 1 NOVEMBER 2023 BY ASCENT GEO. FOR TRENCHING, EXCAVATION, SITE DRAINAGE AND RETAINING SYSTEM.
THIS OFFICE TO BE CONTACTED IMMEDIATELY IF ANY DISCREPANCY WITH OTHER DOCUMENTATION IS IDENTIFIED.

ALL RLs TO BE CONFIRMED IN WRITING BY THE ARCHITECT BEFORE COMMENCEMENT OF THE WORK.

DOWN PIPE NOTES:

LOCATION & NUMBER OF DOWNPIPES AND ROOF/FLOOR WASTES/DRAINS TO BE AS PER THE ARCHITECTURAL DRAWINGS.
THE PLUMBER IS TO CONNECT ALL NEW DOWN PIPES FROM ROOFS AND CONNECT INTO NEW STORM WATER RETICULATION SYSTEM.

PAVEMENT GRADING:

ALL PAVEMENTS TO BE GRADED TOWARDS STORM WATER PITS OR GRATED DRAINS. MINIMUM CROSS FALL OF 1:100, UNLESS NOTED OTHERWISE ON ARCHITECTS DRAWINGS

WARNING - EXISTING SERVICES

THE CONTRACTOR IS TO ASCERTAIN THE PRECISE LOCATION & EXPOSE ALL EXISTING SERVICES THAT MAY BE AFFECTED BY THE PROPOSED WORKS PRIOR TO COMMENCEMENT OF ANY EXCAVATION. CONTRACTOR IS TO ALLOW FOR ALL WORKS ASSOCIATED WITH DEMOLITION, SEALING, REWORK, RELOCATION, PROTECTION ETC OF SERVICES TO SUIT NEW WORKS AND AUTHORITY REQUIREMENTS. CONTRACTOR TO ADVISE ENGINEERS OF ANY ALTERATIONS REQUIRED TO PROPOSED DRAINAGE SYSTEM, PRIOR TO COMMENCEMENT OF THE WORKS.

WARNING - EXTERNAL APPROVAL

THIS DRAWING IS SUBJECT TO THE APPROVAL OF LOCAL AUTHORITY. BUILDING CERTIFIER IS TO ISSUE DOCUMENTS TO LOCAL AUTHORITY FOR APPROVAL PRIOR TO ISSUE OF BUILDING PERMIT.

EXISTING DRAINAGE SYSTEM NOTE:

EXISTING DRAINAGE SYSTEM TO BE VERIFIED ON SITE BY THE CONTRACTOR AND MAKE GOOD IF REQUIRED.
THIS OFFICE TO BE CONTACTED BEFORE COMMENCEMENT OF THE WORK IN CASE THERE IS CONCERN ABOUT THE EXISTING DRAINAGE SYSTEM PERFORMANCE

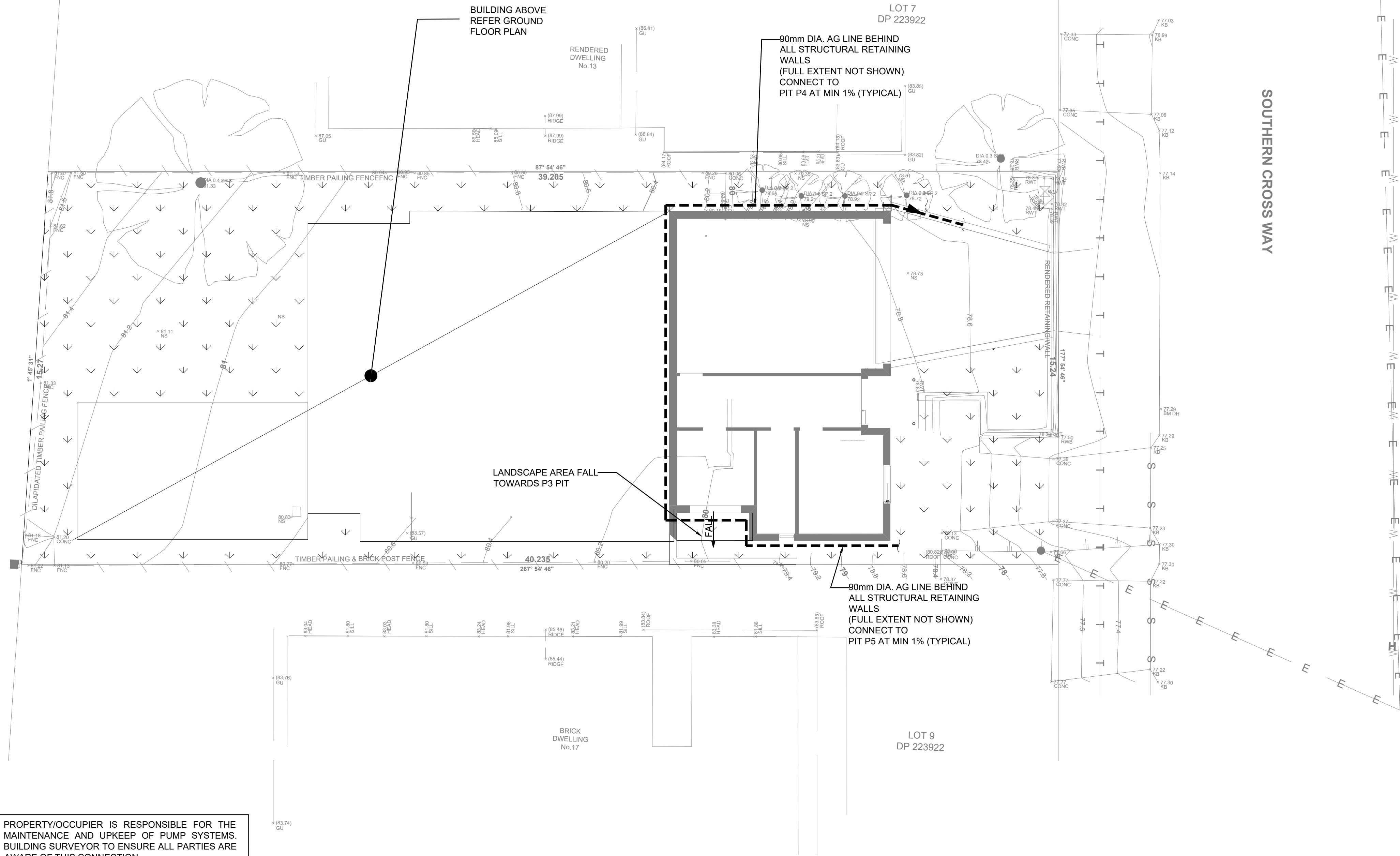
DRAINAGE NOTES:


- REFER TO ARCHITECTURAL LANDSCAPING AND CIVIL PLANS FOR FINAL LEVELS AND GRADES TO ALL PAVING AND HARD LANDSCAPE FEATURES.
- UNSS DENOTES 1000 HD UPVC SWR GRADE STORMWATER LAID AT MIN. 1:100.
- WHERE CLEAR COVER TO OVERT OF STORMWATER DRAINS IS LESS THAN 300mm BACKFILL WITH 5% STABILIZED SAND.
- ALL PAVING TO GRADE INTO STORMWATER PITS AT MIN. GRADES 1:150 WHEREVER POSSIBLE. OTHERWISE GRADE TO GARDEN BEDS.
- REFER THIS SHEET FOR TYPICAL PAVEMENT PROFILES REFER TO ARCHITECTURAL DRAWINGS FOR PLAN EXTENT OF DIFFERENT PAVEMENTS.
- ALL DRAINAGE LEVELS TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- Ø100 HD UPVC 1:100 <----- PIPE DIAMETER
<----- PIPE GRADE

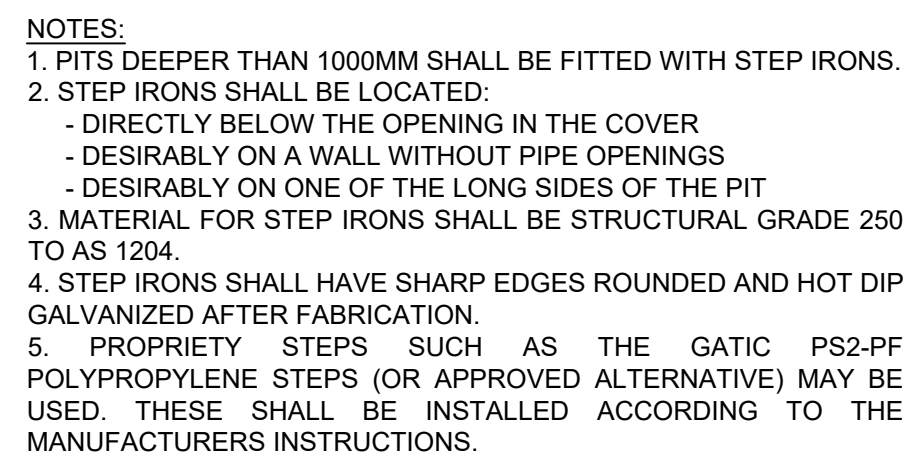
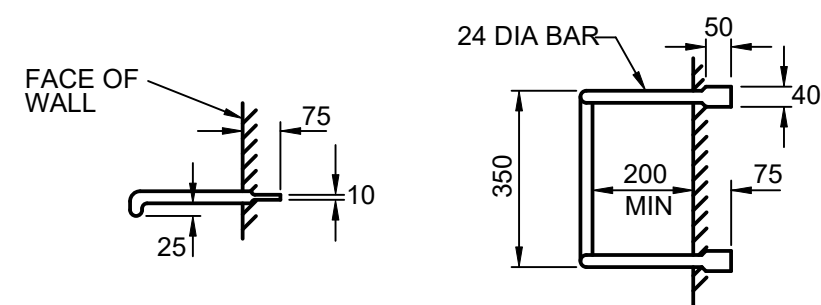
- PROPERTY/OCCUPIER IS RESPONSIBLE FOR THE MAINTENANCE AND UPKEEP OF PUMP SYSTEMS. BUILDING SURVEYOR TO ENSURE ALL PARTIES ARE AWARE OF THIS CONNECTION.
- TRENCHES PARALLEL TO THE EDGE OF A STRUCTURE SHALL BE OFFSET BY A DISTANCE AT LEAST EQUAL TO THE DEPTH OF THE TRENCH EXCAVATION.
- ROOF GUTTERS, DOWNPIPES, STORMWATER AND SEWERAGE DRAINAGE SHALL BE MAINTAINED TO PREVENT OVERFLOWS. ANY LEAKS SHALL BE PROMPTLY REPAIRED.
- THE PLANTING OF TREES AND LARGE SHRUBS AND GENERAL SITE MAINTENANCE SHALL COMPLY WITH THE REQUIREMENTS OF AS 2870 AND CSIRO PUBLICATION SHEET 10-91 "GUIDE TO HOME OWNERS ON FOUNDATION MAINTENANCE AND FOOTING PERFORMANCE". THE BUILDER SHALL NOTIFY THE OWNER OF THESE REQUIREMENTS.
- ALL PIPES UNDER SLABS AND PAVEMENTS TO BE uPVC SEWER GRADE PIPE SN10 OR BETTER

PARTIAL DRAINAGE PLAN : LOWER GROUND

SCALE: 1/100 REFER SD03.0 FOR GENERAL DRAINAGE PLAN

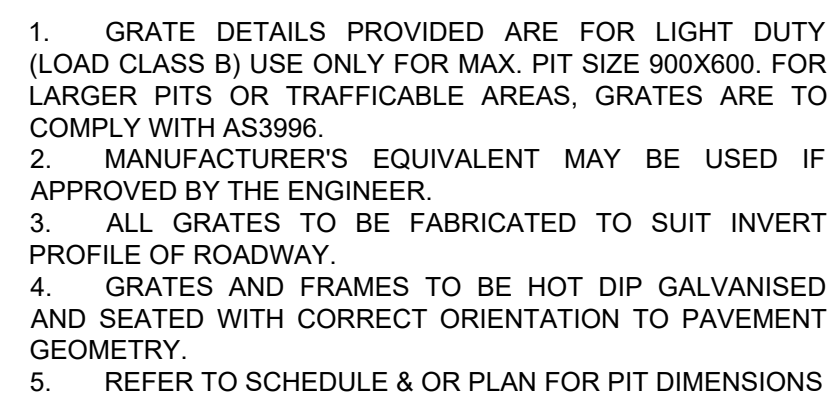


Revision Details:			<div>Orientation</div> <div></div>	<div><div>FOUND.</div><div>CONSULTANT ENGINEERS</div></div> <div>admin@fecn.com.au</div> <div>PO Box 4, West Pennant Hills NSW 2125</div> <th rowspan="4">Project:</th> <th rowspan="2">Drawing Title:</th> <th colspan="3">Drawing Details:</th>	Project:	Drawing Title:	Drawing Details:		
Issue Type:	Date: DECEMBER 2024						Drawing No:		
	Size: A1					Issue:			
	Project No: <div><div>D</div><div>C</div><div>N</div><div>4</div><div>1</div><div>1</div><div>1</div><div>2</div><div>4</div></div>								
Issue	Date	Notes			FOR DEVELOPMENT APPLICATION	SD04.0			
DA1	05-12-2024	ISSUED FOR FOR DEVELOPMENT APPLICATION			STORMWATER DRAINAGE 15 Southern Cross Way, Allambie Heights, NSW 2010. LOT 8 DP 223922				
DA2	22-01-2025	ISSUED FOR FOR DEVELOPMENT APPLICATION	Client: Wes & Louise Quick						



N.T.S.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DOCUMENTS, INCLUDING SOILS REPORT, ARCHITECTURAL DRAWINGS AND SPECIFICATIONS, COUNCIL DRG DRAWINGS (PIT DETAILS)



PIT DEPTH "D"	REINFORCEMENT
0 - 1200	-
1200 - 1500	SL82
1500 - 2200	SL92
>2200	AS DETAILED

NOTE:
FOR PIT DEPTHS GREATER THAN
1200mm, PROVIDE 24mm GALVANIZED
HOT DIPPED STEP IRONS OR
APPROVED EQUIVALENT AT 300mm
CTS.



N.T.S.



N.T.S.

WHERE PIPES HAVE LESS THAN 450mm COVER THE TRENCH IS TO BE BACKFILLED WITH CONCRETE (20MPA)



N.T.S.

WHERE PIPES HAVE LESS THAN 300mm COVER THE TRENCH IS TO BE BACKFILLED WITH CONCRETE (20MPA)



N.T.S.

Revision Details:			Orientation	<div><div>FOUND.</div><div>CONSULTANT ENGINEERS</div></div> <div>admin@fcen.com.au PO Box 4, West Pennant Hills NSW 2125</div>	Project: STORMWATER DRAINAGE 15 Southern Cross Way, Allambie Heights, NSW 2101. LOT 8 DP 223922	Drawing Title: TYPICAL DETAILS SHEET 1	Drawing Details:											
Issue	Date	Notes					Date: DECEMBER 2024		Drawing No: SD05.0									
DA1	05-12-2024	ISSUED FOR FOR DEVELOPMENT APPLICATION			Size: A1		Issue: DA2											
DA2	22-01-2025	ISSUED FOR FOR DEVELOPMENT APPLICATION			Project No: <table><tr><td>D</td><td>C</td><td>N</td><td>4</td><td>1</td><td>1</td><td>1</td><td>1</td><td>2</td><td>4</td></tr></table>				D	C	N	4	1	1	1	1	2	4
D	C	N			4	1			1	1	1	2	4					
				Client: Wes & Louise Quick	FOR DEVELOPMENT APPLICATION													

DRAINAGE NOTES:

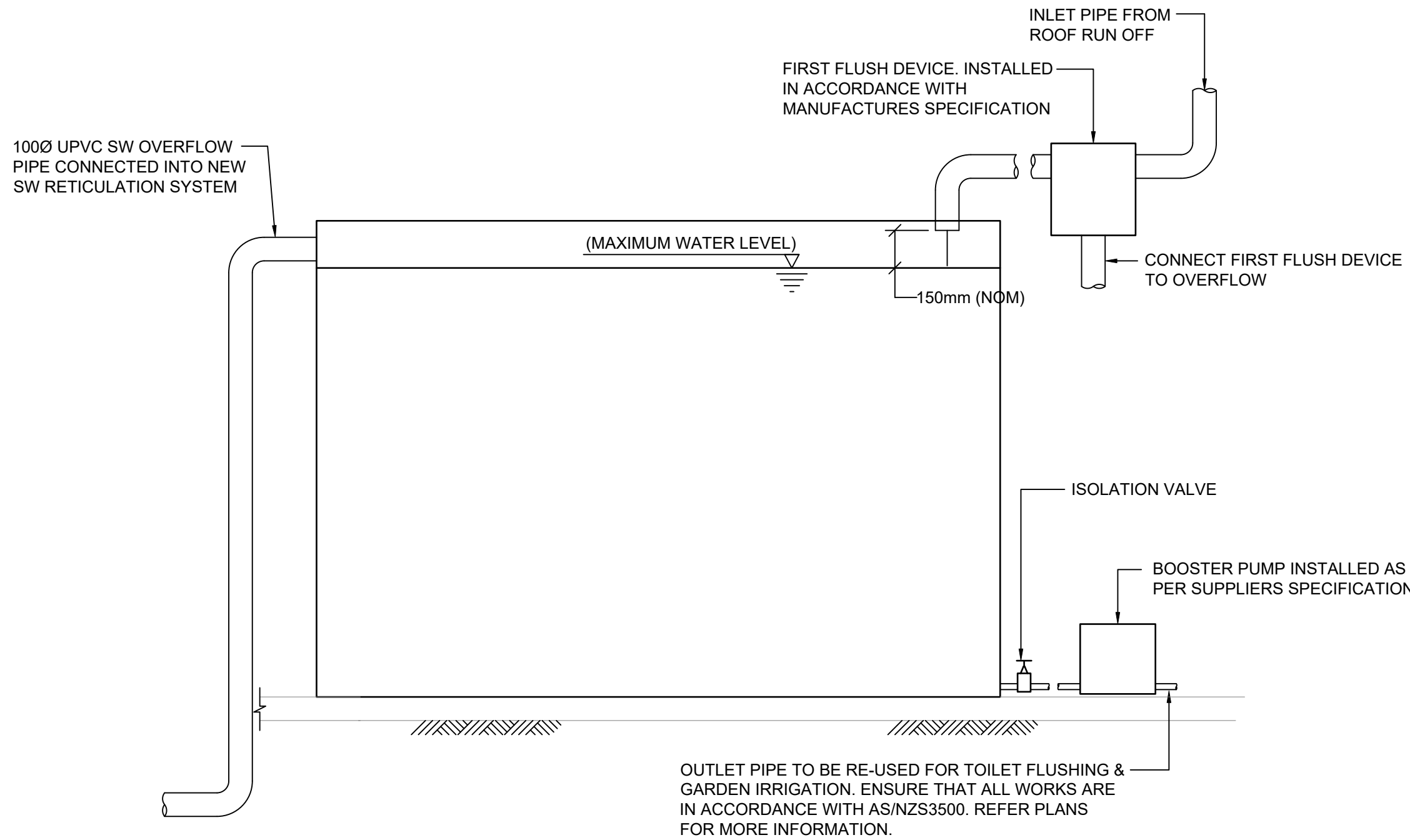
- REFER TO ARCHITECTURAL LANDSCAPING AND CIVIL PLANS FOR FINAL LEVELS AND GRADES TO ALL PAVING AND HARD LANDSCAPE FEATURES.
- UNO DENOTES 100Ø HD UPVC SWR GRADE STORMWATER LAID AT MIN. 1:100.
- WHERE CLEAR COVER TO OVERT OF STORMWATER DRAINS IS LESS THAN 300mm BACKFILL WITH 5% STABILIZED SAND.
- ALL PAVING TO GRADE INTO STORMWATER PITS AT MIN. GRADES 1:150 WHEREVER POSSIBLE. OTHERWISE GRADE TO GARDEN BEDS.
- REFER PLANS AND DETAILS SHEET FOR TYPICAL PAVEMENT PROFILES REFER TO ARCHITECTURAL DRAWINGS FOR PLAN EXTENT OF DIFFERENT PAVEMENTS.
- ALL DRAINAGE LEVELS TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- Ø100 HD UPVC 1:100 <----- PIPE DIAMETER <----- PIPE GRADE
- PROPERTY/OCCUPIER IS RESPONSIBLE FOR THE MAINTENANCE AND UPKEEP OF PUMP SYSTEMS AND OSD THANKS AND STORMWATER PITS. BUILDING CERTIFIER TO ENSURE ALL PARTIES ARE AWARE OF THIS CONNECTION.
- TRENCHES PARALLEL TO THE EDGE OF A STRUCTURE SHALL BE OFFSET BY A DISTANCE AT LEAST EQUAL TO THE DEPTH OF THE TRENCH EXCAVATION.
- ROOF GUTTERS, DOWNPIPES, STORMWATER AND SEWERAGE DRAINAGE SHALL BE MAINTAINED TO PREVENT OVERFLOWS. ANY LEAKS SHALL BE PROMPTLY REPAIRED.
- THE PLANTING OF TREES AND LARGE SHRUBS AND GENERAL SITE MAINTENANCE SHALL COMPLY WITH THE REQUIREMENTS OF AS 2870 AND CSIRO PUBLICATION SHEET 10-91 "GUIDE TO HOME OWNERS ON FOUNDATION MAINTENANCE AND FOOTING PERFORMANCE". THE BUILDER SHALL NOTIFY THE OWNER OF THESE REQUIREMENTS.
- ALL PIPES UNDER SLABS AND PAVEMENTS TO BE uPVC SEWER GRADE PIPE SN10 OR BETTER

NOTES:

- STABILITY OF THE STRUCTURE DURING THE CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE BUILDER.
- THIS DOCUMENT, IS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DOCUMENTATION. WHERE ANY DISCREPANCY OR OMISSION EXISTS THIS OFFICE IS TO BE CONTACTED FOR FURTHER INFORMATION AND ADVICE
- THE BUILDER/CARPENTER IS TO PROVIDE ADEQUATE TEMPORARY BRACING/ PROPPING TO PLUMB AND MAINTAIN STABILITY OF WALLS AT EACH LEVEL DURING CONSTRUCTION. TEMPORARY BRACING/ PROPPING IS ADDITIONAL TO ANY BRACING SHOWN ON THESE DRAWINGS AND MUST REMAIN IN POSITION UNTIL STUD FRAMING. ALL PERMANENT WALL BRACING, STEELWORK AND THE PLATFORM FLOOR AND ROOF OVER HAS BEEN COMPLETED.

EASEMENT NOTES:

- DETAILS REGARDING EASEMENT TO BE CONFIRMED BY RESPONSIBLE AUTHORITY PRIOR TO COMMENCEMENT OF WORKS.



TYPICAL 1550 LITRE RAIN WATER TANK DETAIL

CROSS-SECTION 1550L RAINWATER TANK INDICATIVE ONLY

Revision Details:			Orientation	<div>FOUND. CONSULTANT ENGINEERS</div> <div>admin@fcen.com.au PO Box 4, West Pennant Hills NSW 2125</div>	Project: STORMWATER DRAINAGE 15 Southern Cross Way, Allambie Heights, NSW 2010. LOT 8 DP 223922	Drawing Title: TYPICAL DETAILS SHEET 2	Drawing Details:		
Issue	Date	Notes					Date: DECEMBER 2024		Drawing No: SD06.0
DA1	05-12-2024	ISSUED FOR FOR DEVELOPMENT APPLICATION				Size: A1		Issue: DA2	
DA2	22-01-2025	ISSUED FOR FOR DEVELOPMENT APPLICATION			Client: Wes & Louise Quick	FOR DEVELOPMENT APPLICATION	Project No: <div><div>DCN4111124</div></div>		