

DRAWING TITLE: Drainage Plan

PROJECT ADDRESS: 23 Nella Street, Padstow

PROJECT DESCRIPTION: Proposed Dual Occupancy

DRAWING NUMBER: H101

REVISION: A DRAWN BY: CG

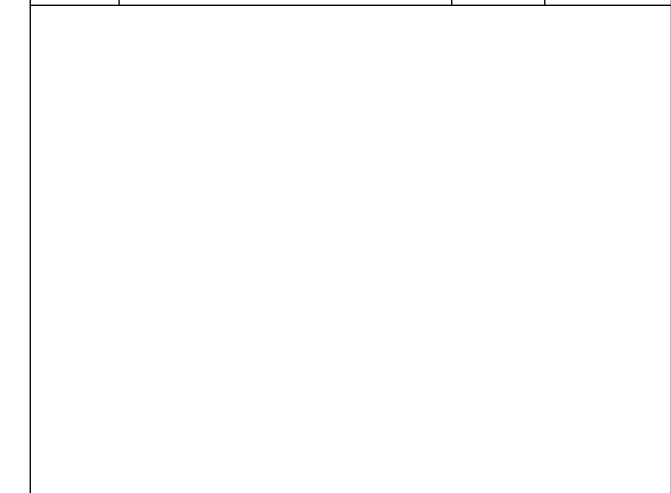
PAGE SIZE: A3 REVIEWED BY: AJ

DATE: 26 September 2024 ISSUE: DA ONGOING

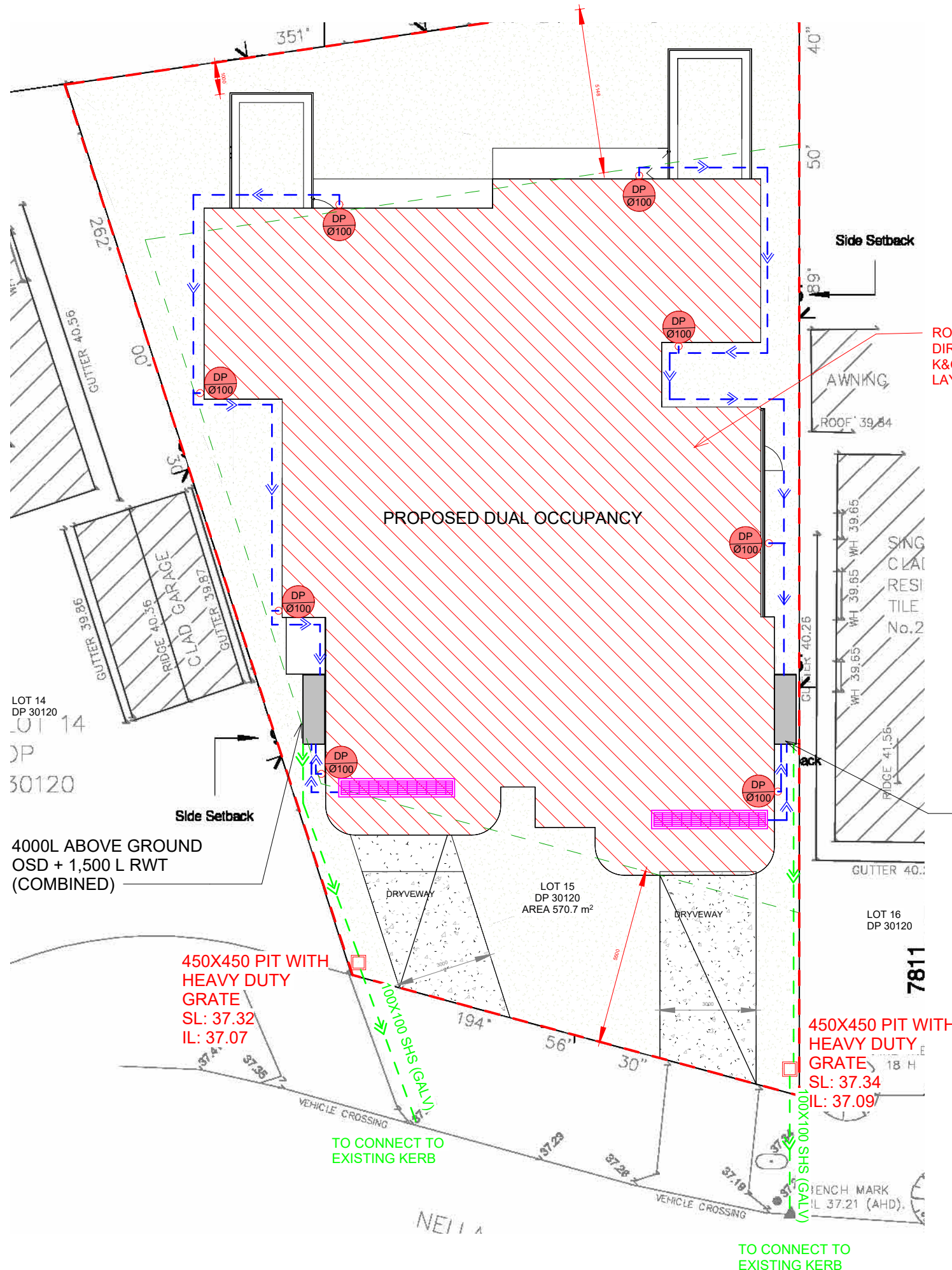
Notes:  
1. All dimensions are in millimetres.  
2. All dimensions are to be checked on site.  
3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be notified before commencement.

\*DO NOT SCALE THIS DRAWING

REV	DESCRIPTION	DATE	DESIGNER
A	FOR CLIENT REVIEW		



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4000L ABOVE GROUND  
OSD + 1,500 L RWT  
(COMBINED)

LEGEND	
	DOWNPIPE DIAMETER 100MM
	CHARGED S/W LINE Ø100 uPVC MIN. 1% FALL
	OVERFLOW/ DISCHARGE S/W LINE Ø100 uPVC MIN. 1% FALL
	GRADED BOX DRAINS/ PITS

DRAWING TITLE:  
Drainage Details

PROJECT ADDRESS:  
23 Nella Street, Padstow

PROJECT DESCRIPTION  
Proposed Dual Occupancy

DRAWING NUMBER:  
H102

REVISION:  
A  
DRAWN BY:  
CG

PAGE SIZE:  
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REVIEWED BY:  
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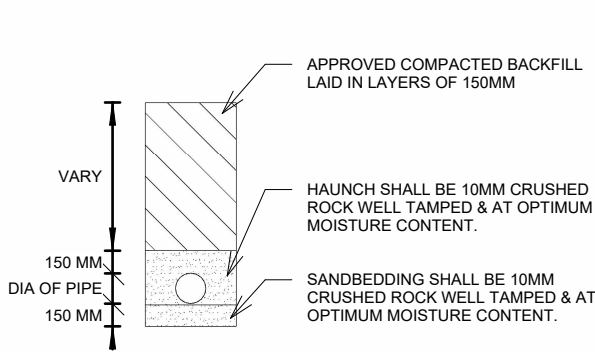
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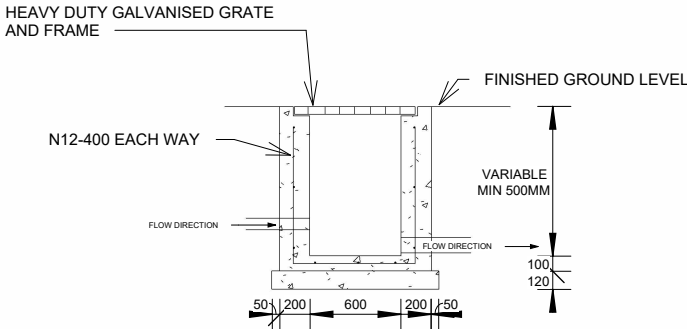
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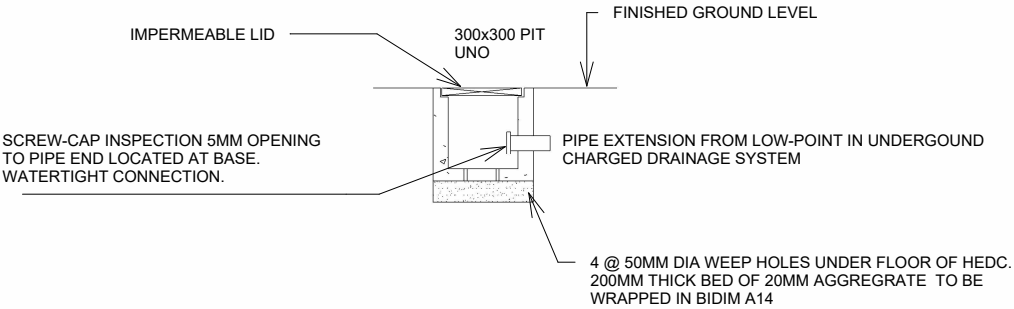
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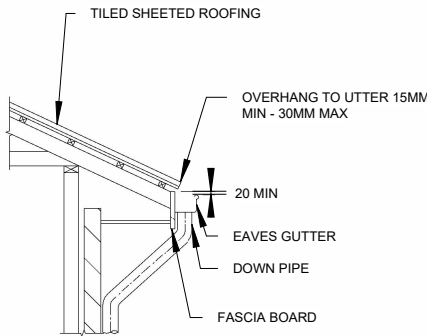
TYPICAL TRENCH DETAIL  
NTS



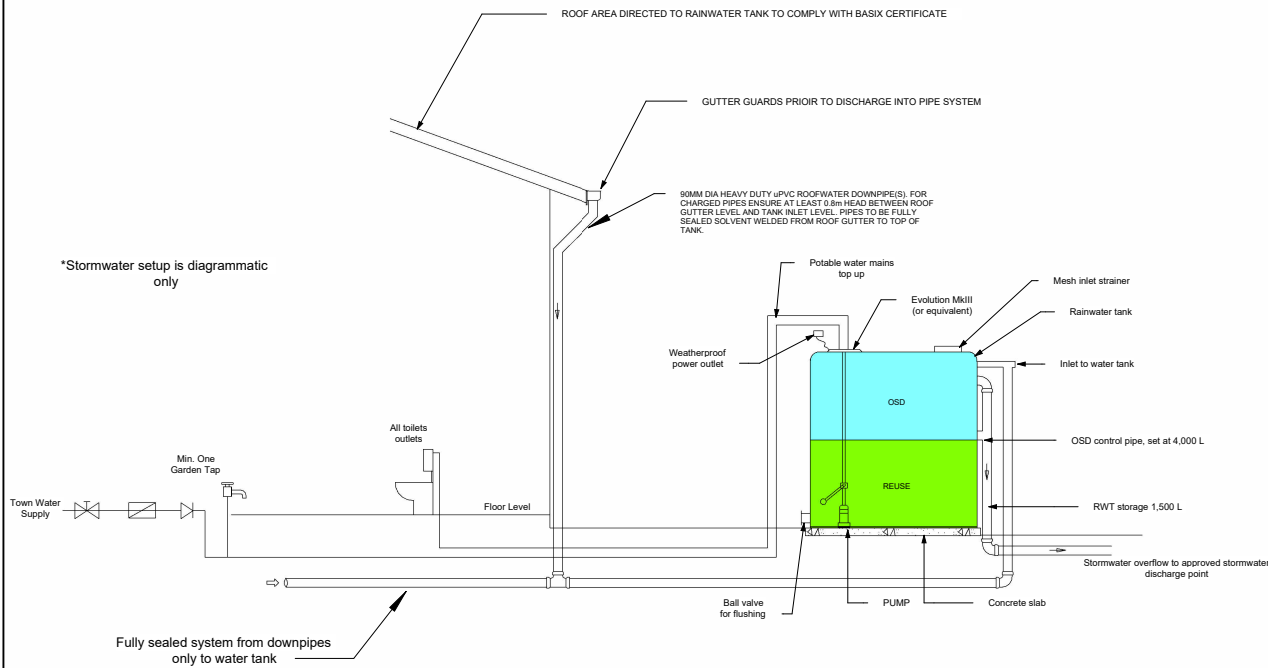
TYPICAL PIT DETAIL  
NTS



TYPICAL DETAIL - CHARGED CLEAN OUT PIT  
NTS



TYPICAL GUTTER TO EAVE  
DETAIL



ABOVE GROUND RAINWATER/OSD TANK DETAIL  
NTS

MINIMUM PIPE COVER (FROM FINISHED SURFACE TO TOP OF PIPE)		
LOCATION	MINIMUM COVER (mm)	
	CAST / DUCTILE IRON GAL STEEL	OTHER AUTHORISED PRODUCTS (*)
1. NOT SUBJECT TO VEHICLE LOADING: A. WITHOUT PAVEMENT i. FOR SINGLE DWELLINGS - ii. OTHER THAN SINGLE DWELLINGS - B. WITH PAVEMENT OF BRICK/UNREINFORCED CONCRETE -	100	100
	100	300
	100**	100**
2. SUBJECT TO VEHICULAR LOADING: A. OTHER THAN ROADS: i. WITHOUT PAVEMENT ii. WITH PAVEMENT OF: - REINF. CONC. FOR HEAVY VEHICLES - - BRICK / UNREINF. CONC. LIGHT VEHICLES B. ROADS i. SEALED ii. UNSEALED	300	450
	0**	100**
	0**	75**
	600	600
	600	750
3. SUBJECT TO CONSTRUCTION VEHICLES OR IN EMBANKMENT CONDITIONS	600#	750#
(*) INCLUDES OVERLAY ABOVE THE TOP OF THE PIPE OF NOT LESS THAN 50mm THICK (**) BELOW THE UNDERSIDE OF THE PAVEMENT (#) SUBJECT TO COMPLIANCE WITH AS 1762, AS2033, AS/NZS 2566.1, AS3725 OR AS4060		

- GENERAL NOTES
1. FINAL LOCATION OF NEW DOWNPIPES TO BE DETERMINED BY BUILDER
  2. THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL PLANS - DISCREPANCIES TO BE REFERRED TO ENGINEER
  3. ALL WORK MUST COMPLY WITH AS/NZS 3500.3:2018
  4. BUILDER TO VERIFY DIMENSIONS
  5. DRAWING NOT TO BE SCALED
  6. ALL STORMWATER PIPES TO BE 100MM uPVC AT A 1% MINIMUM GRADE DIAMETER
  7. BUILDER IS RESPONSIBLE TO LOCATE SERVICE PRIOR TO EXCAVATION
  8. ANY PITS WITHIN DRIVEWAY TO BE 150MM THICK CONCRETE
  9. THE BASE OF TRENCHES SHALL BE SLOPED AWAY FROM THE BUILDING.
  10. TRENCHES SHALL BE BACKFILLED WITH CLAY IN THE TOP 300mm WITHIN 1.5m OF THE BUILDING.
  11. WHERE PIPES PASS UNDER THE FOOTINGS, THE TRENCH SHALL BE BACKFILLED FULL DEPTH WITH CLAY OR CONCRETE TO RESTRICT THE INGRESS OF WATER BENEATH THE FOOTING SYSTEM.
  12. SUBSURFACE DRAINS TO REMOVE GROUNDWATER SHALL NOT BE USED WITHIN 1.5m OF THE BUILDING.
  13. LAGGING SHALL BE USED AROUND ALL STORMWATER AND SANITARY PLUMBING DRAIN PIPE PENETRATIONS THROUGH FOOTINGS. CLASS H1 (20mm) & CLASS H2/E (40mm).
  14. ALL STORMWATER AND SANITARY PLUMBING DRAINS ATTACHED TO OR EMERGING FROM UNDERNEATH BUILDINGS CONSTRUCTED ON HIGHLY REACTIVE CLAY SITES (H1, H2 & E) SHALL INCORPORATE FLEXIBLE JOINTS IMMEDIATELY OUTSIDE THE FOOTING/BUILDING PERIMETER TO ACCOMMODATE DIFFERENTIAL MOVEMENT.