

# DRAINAGE DESIGN CALCULATIONS:

### Council: NORTHERN BEACHES

Site area =  $695.6 \text{ m}^2 (0.06956 \text{ ha})$ Increase in impervious area =  $28.9 \text{ m}^2 < 50 \text{ m}^2$ 

## OSD is not required

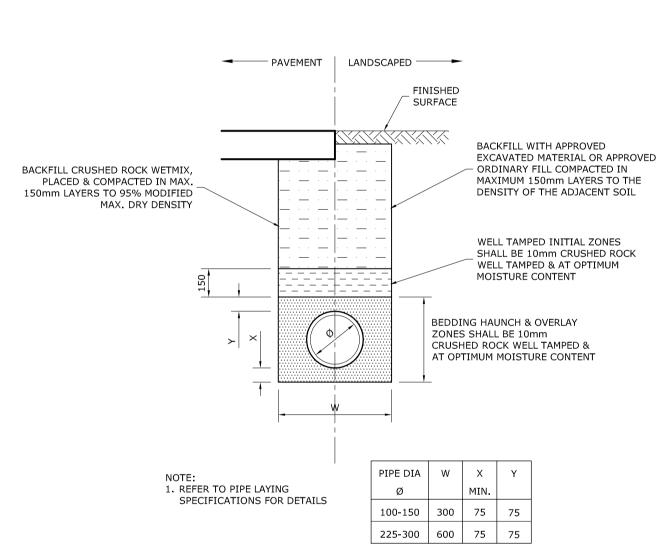
DRAINAGE LINE NOTE: All underground pipes and pits shall not disturb tree roots.

- All sub-soil drainage shall be installed to BCA requirements and connected to the drainage system.
- Drainage line location is indicative and shown for clarity. Exact location
- subject to change to engineer's approval. Existing drainage infrastructure shall be clean & in proper working order.

All levels shall be verified by builder on-site prior to commencing. All charged drainage lines shall be solvent jointed UPVC pipes.

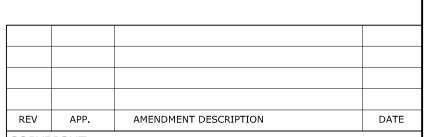
DOWNPIPE & GUTTER SCHEDULE		
MARK	GUTTER SIZE	DP
GS1	Stramit M/S Pattern Eaves Gutter	Ø100

NOTE: All Gutter Systems shall be GS1, UNO.



UPVC DRAINAGE PIPE TYPICAL PIPE LAYING DETAILS

1:100



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PROPOSED ALTERATIONS

12 YARRABIN STREET **BELROSE NSW 2022** 

### **PEPPER**

Concept Drainage Plan

SCALE:	DATE:	DESIGN:	REV:
1:100, 1:20	25 Nov 2020	CJE	0
JOB:	DRW:	SIGNED:	
20.517	SW1		

# CONCEPT DRAINAGE PLAN

• All drainage lines shall be UPVC (Class SH) Stormwater Drainage

150x100x4.0 RHS Stormwater Drainage Line

- Pipe, UNO. All drainage lines shall be laid @ 1% min fall, UNO.
- DP = Down Pipe
- DPS = Down Pipe Spreader • IO = Inspection Opening

# DRAWING KEY:

Ø100 UPVC Stormwater Drainage Line **Ø150 UPVC Stormwater Drainage Line**