

# 13 MINKARA ROAD, BAYVIEW

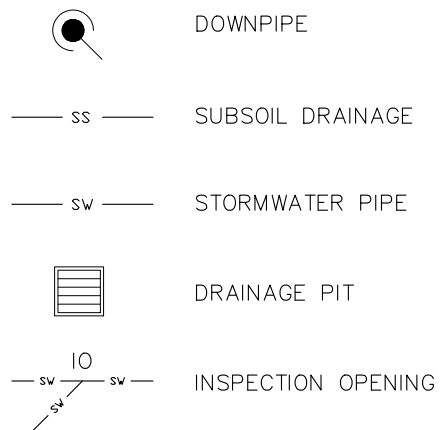
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## STORMWATER MANAGEMENT PLAN

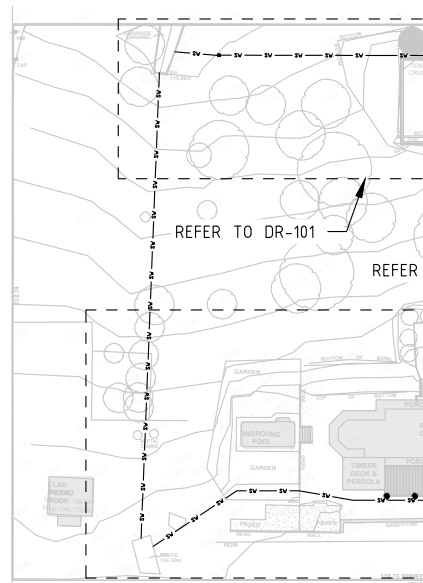
DRAWING INDEX:

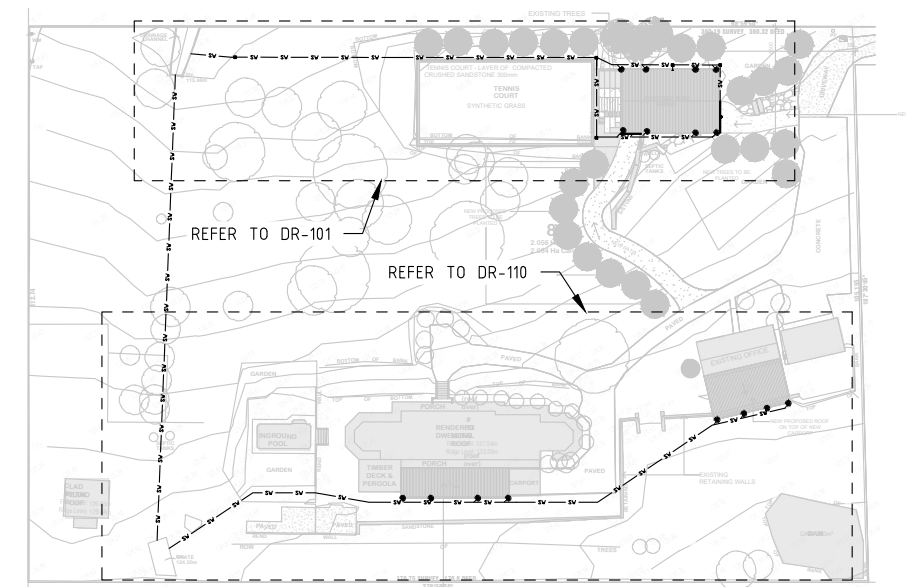
DR-000	LEGEND
DR-100	PIPE LAYOUT – PROPOSED GARAGE
DR-102	ROOF LAYOUT – PROPOSED GARAGE
DR-110	PIPE LAYOUT – EXISTING BUILDINGS
DR-200	DETAILS

LEGEND:



NOTES:

1. ALL DIMENSIONS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.
  2. SITE LAYOUT BASED ON ARCHITECTURAL PLANS BY BLUE SKY BUILDING DESIGN (25/03/2019) AND SURVEY PLANS BY CLARKE DOWDLE & ASSOCIATES (21/04/2016).
  3. LOCATION OF ALL SERVICES MUST BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS.
  4. ALL STORMWATER DRAINAGE PIPES AND ASSOCIATED DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE RELEVANT STANDARDS, THE BUILDING CODE OF AUSTRALIA, MANUFACTURER'S RECOMMENDATIONS, SYDNEY CATCHMENT AUTHORITY RECOMMENDED PRACTICE, AND LOCAL COUNCIL, AS APPLICABLE.
  5. ALL INVERT LEVELS PROVIDED ON THIS DRAWING ARE REDUCED TO AHD AND BASED ON INTERPOLATED SURFACE LEVELS AND SYSTEM REQUIREMENTS
  6. WHERE POSSIBLE, PIPEWORK SHALL BE LOCATED EXTERNAL TO THE BUILDING.
  7. DOWNPIPES AND STORMWATER LINES TO BE SEALED DN100 uPVC UNLESS OTHERWISE NOTED.
  8. STORMWATER PIPES TO BE GRADED AT A MINIMUM 1% UNLESS NOTED OTHERWISE.
  9. ALTERNATIVE GUTTER AND DOWNPIPE CONFIGURATION MAY BE INSTALLED PROVIDED IT COMPLIES WITH AS3500.
  10. ALL PIPE AND CONDUITS TO BE MARKED IN ACCORDANCE WITH AS1345 – 1995.
  11. TRENCHES AND SERVICE SEPARATIONS IN ACCORDANCE WITH AS/NZS 5601, AS/NZS 3500, AND AS/CA S009.
- 
- SITE  
NOT TO SCALE




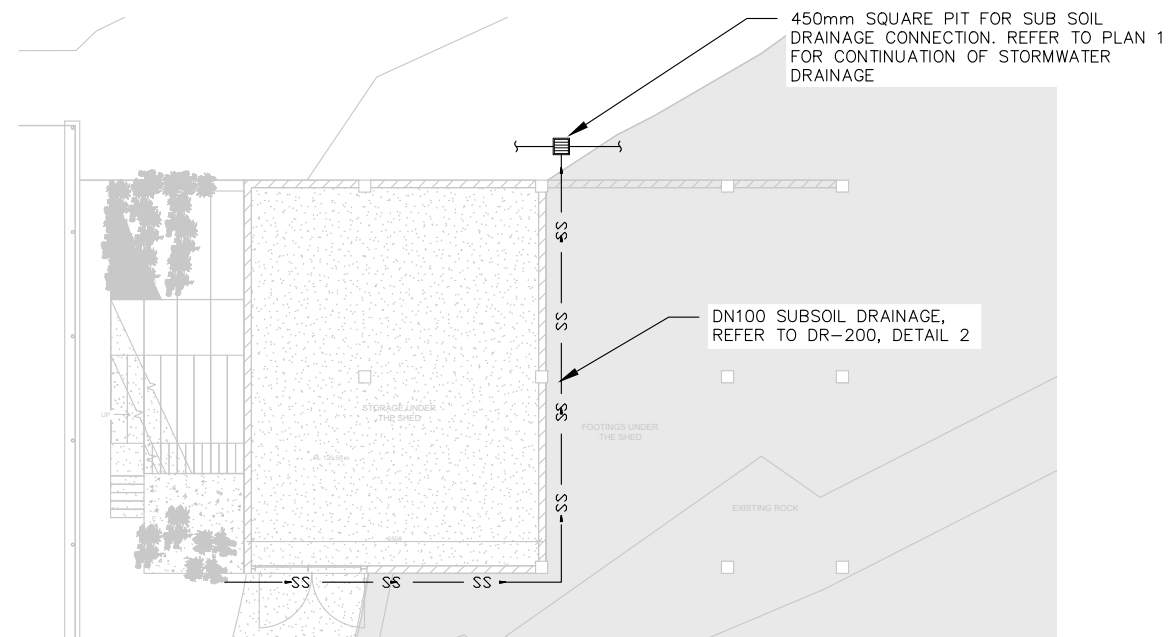
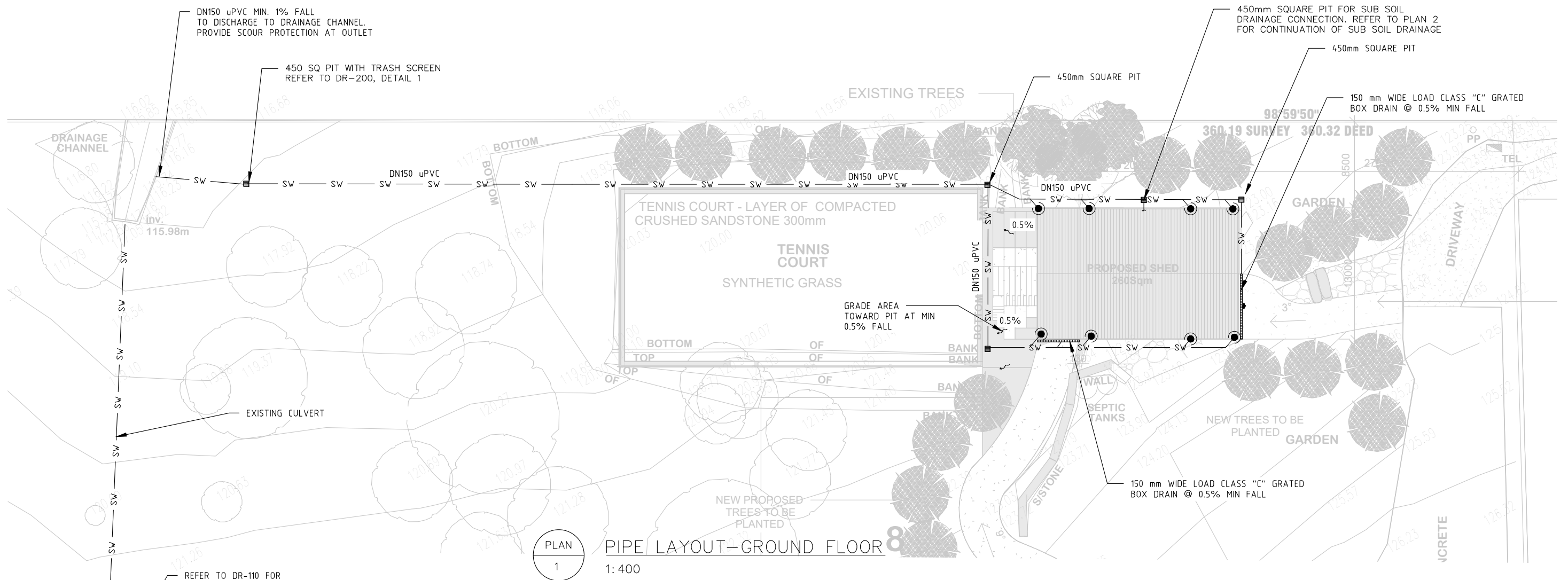
NEW AROUND OVER  
EXISTING

SITE PLAN


NOT TO SCALE

NOT FOR CONSTRUCTION

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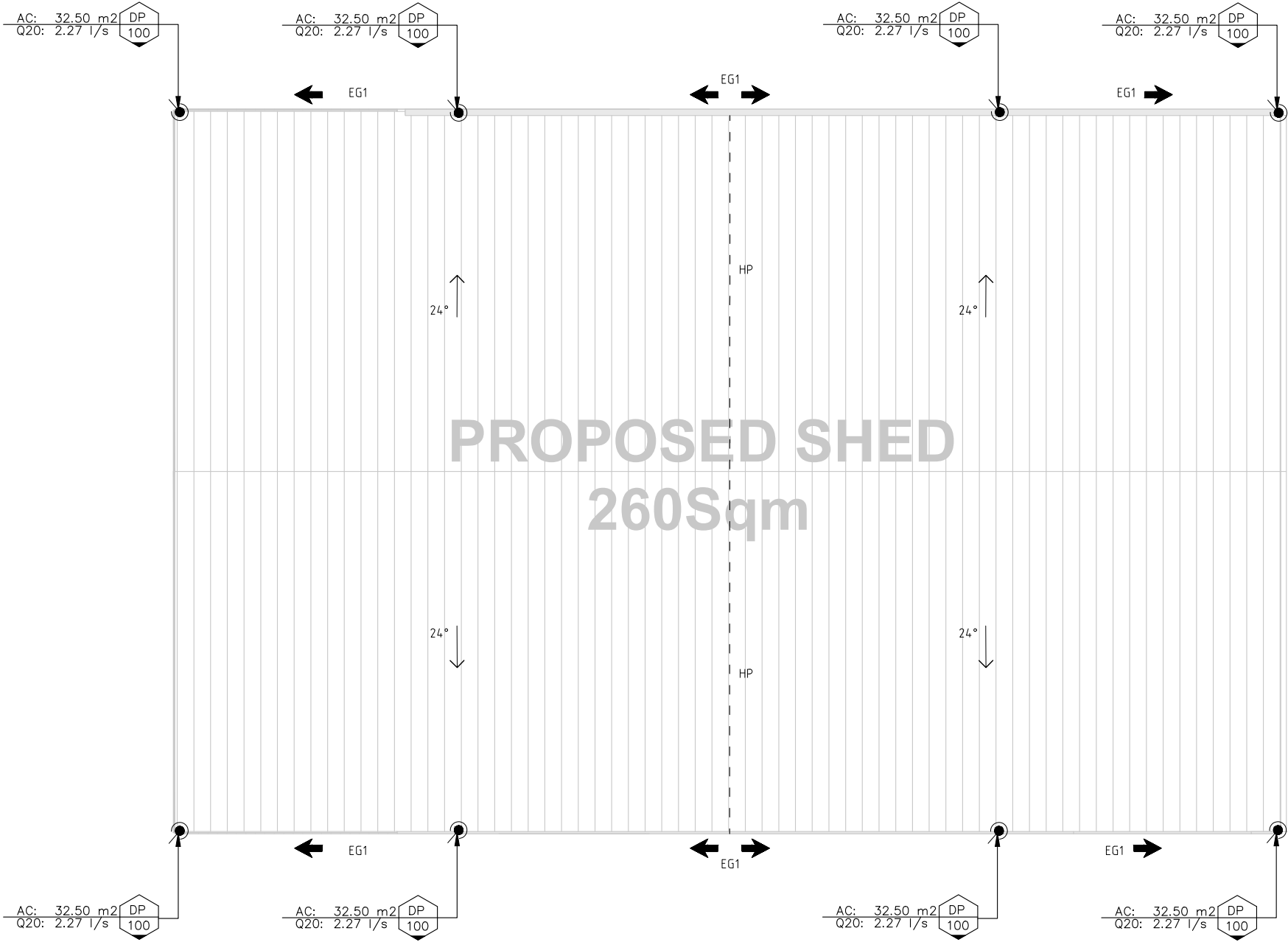
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REVISIONS					1:400		DESIGNED	YYA	CHECKED	LES					PIPE LAYOUT - PROPOSED GARAGE			
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	No.	BY	DATE	DESCRIPTION	APPD							A3	APPROVED FOR DA SUBMISSION	DR-100	0			

NOMENCLATURE  
DP - DOWNPIPE  
EG - EAVES GUTTER  
HP - EAVE GUTTER HIGH POINT  
Ac - PLAN CATCHMENT AREA EXCLUDING ROOF PITCH  
Q20 - 20YR 5 MINUTE ARI FLOW RATE


GUTTER SIZING  
EAVES GUTTER DESIGNED TO ARI (20YR:206mm/hr)  
EG1 - MIN CSA 7,850 mm<sup>2</sup>

LEGEND  
DOWNPIPE TYPE AND DIAMETER  
DIRECTION OF FALL



PLAN 4  
ROOF LAYOUT  
1:100

NOT FOR CONSTRUCTION


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REVISIONS						DESIGNED	YYA	CHECKED	LES			ROOF LAYOUT - PROPOSED GARAGE							
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						APPROVED	LES	DATE	10/05/2019										
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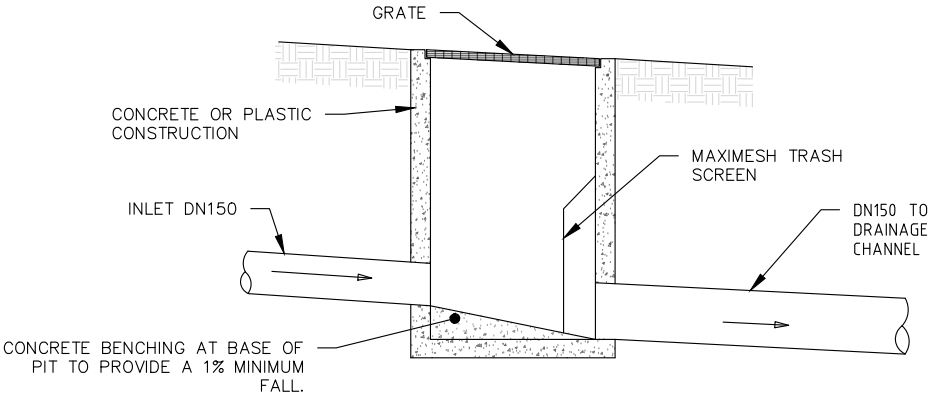
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TYPE DIA	DOWNPIPE TYPE AND DIAMETER
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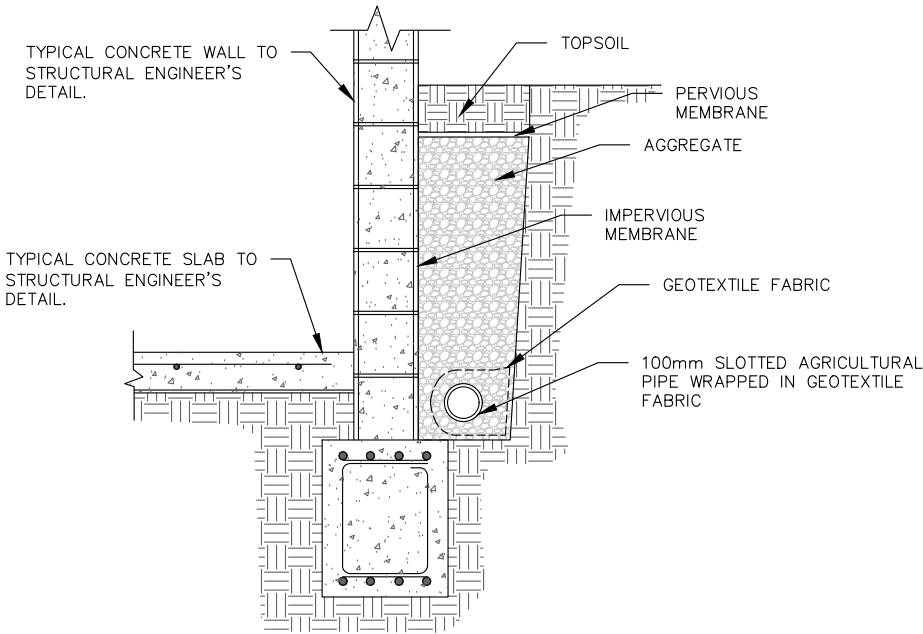
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DETAIL  
1

450 SQUARE MEDIUM DUTY PIT  
NOT TO SCALE


- NOTES:
- 1. 'LYSAGHT' MAXIMESH RH3030 (HOT DIPPED GALVANISED) OR EQUIVALENT.
  - 2. MAXI MESH SCREENS MUST BE PLACED SUCH THAT THE LONG AXIS OF THE OVAL SHAPED HO FACING TOWARDS THE OUTLET.



DETAIL  
2

TYPICAL SUBSOIL DRAINAGE DETAIL  
NOT TO SCALE

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