

121A PENNANT HILLS ROAD, NORMANHURST STORMWATER CONCEPT PLAN

GENERAL

G1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL & OTHER WORKING DRAWINGS, SPECIFICATIONS & WITH SUCH WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT.

G2. ALL WORKMANSHIP & MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE RELEVANT AUSTRALIAN STANDARDS, THE BUILDING CODE OF AUSTRALIA AND ANY OTHER APPLICABLE AUTHORITY REQUIREMENTS.

G3. ANY CONFLICT BETWEEN THESE NOTES, THE SPECIFICATION, THE DRAWINGS OR ANY OTHER RELEVANT DOCUMENTS SHALL BE REFERRED TO ASCO ENGINEERING FOR DECISION PRIOR TO PROCEEDING WITH THE WORK.

G4. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS. FOR SETTING OUT DIMENSIONS & LEVELS REFER TO ARCHITECTURAL DRAWINGS.

G5. THE BUILDER SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL SHORING TO MAINTAIN THE STABILITY & INTEGRITY OF EXCAVATIONS & ADJACENT STRUCTURES.

G6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL SERVICES PRIOR TO COMMENCEMENT OF ANY EARTHWORKS.

G7. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

STORMWATER

W1. ALL LEVELS ARE TO A.H.D. UNO.

W2. THE STORMWATER SYSTEM IS DESIGNED TO COMPLY WITH COUNCIL'S DESIGN CRITERIA AND TO APPROXIMATELY MAINTAIN EXISTING FLOW PATTERNS.

W3. OVERLAND FLOW PATHS ARE PRESERVED.

W4. EXISTING DRAINAGE AND LEVELS ARE BASED ON SURVEY PROVIDED & SHOULD BE ASSUMED TO BE APPROXIMATE. ALLOW TO CONFIRM ALL RELEVANT DETAILS BEFORE PROCEEDING WITH AFFECTED AREAS.

W5. ALL WORK TO COMPLY WITH AS3500.3.

W6. ALL PITS TO BE PRECAST CONCRETE OR F.R.C. UNO.

W7. DOWNPIPE LOCATIONS SHOULD BE CONFIRMED WITH ARCHITECT'S PLAN UNO.

W8. GRADE LOCAL SURFACES INTO PITS TO ENSURE COLLECTION OF WATER & THAT THERE ARE NO AREAS OF PONDING, TYPICAL.

W9. GRATED TRENCHES AND SILT ARRESTOR PITS TO BE INSPECTED AND CLEANED AFTER PERIODS OF HEAVY RAINFALL.

W10. TREE ROOTS TO BE AVOIDED DURING PLACEMENT OF DRAINAGE SYSTEM.

W11. ALL PIPES TO BE Ø100 UPVC UNO.

W12. ALL PIPES TO HAVE 100 MIN. COVER IN LANDSCAPED AREAS AND 600 MIN. COVER IN TRAFFICABLE AREAS.

W13. ALL INLET AND OUTLET PIPES FROM PITS TO BE CONNECTED AT THE HIGHEST POSSIBLE INVERT LEVEL WHILST KEEPING 1% MIN. GRADE UNLESS NOTED OTHERWISE.

W14. FINISHED SURFACES TO BE GRADED AWAY FROM THE DWELLING AND TOWARD THE PITS.

W15. GRATED TRENCHES TO BE 1% MIN. GRADE THROUGHOUT TO OUTLET PIPE.

STORMWATER

W1. ALL LEVELS ARE TO A.H.D. UNO.

W2. THE STORMWATER SYSTEM IS DESIGNED TO COMPLY WITH COUNCIL'S DESIGN CRITERIA AND TO APPROXIMATELY MAINTAIN EXISTING FLOW PATTERNS.

W3. OVERLAND FLOW PATHS ARE PRESERVED.

W4. EXISTING DRAINAGE AND LEVELS ARE BASED ON SURVEY PROVIDED & SHOULD BE ASSUMED TO BE APPROXIMATE. ALLOW TO CONFIRM ALL RELEVANT DETAILS BEFORE PROCEEDING WITH AFFECTED AREAS.

W5. ALL WORK TO COMPLY WITH AS3500.3.

W6. ALL PITS TO BE PRECAST CONCRETE OR F.R.C. UNO.

W7. DOWNPIPE LOCATIONS SHOULD BE CONFIRMED WITH ARCHITECT'S PLAN UNO.

W8. GRADE LOCAL SURFACES INTO PITS TO ENSURE COLLECTION OF WATER & THAT THERE ARE NO AREAS OF PONDING, TYPICAL.

W9. GRATED TRENCHES AND SILT ARRESTOR PITS TO BE INSPECTED AND CLEANED AFTER PERIODS OF HEAVY RAINFALL.

W10. TREE ROOTS TO BE AVOIDED DURING PLACEMENT OF DRAINAGE SYSTEM.

W11. ALL PIPES TO BE Ø100 UPVC UNO.

W12. ALL PIPES TO HAVE 100 MIN. COVER IN LANDSCAPED AREAS AND 600 MIN. COVER IN TRAFFICABLE AREAS.

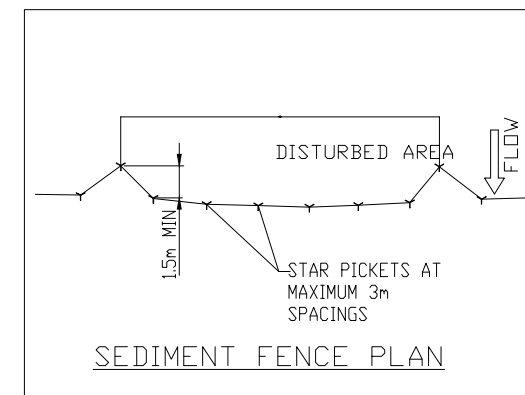
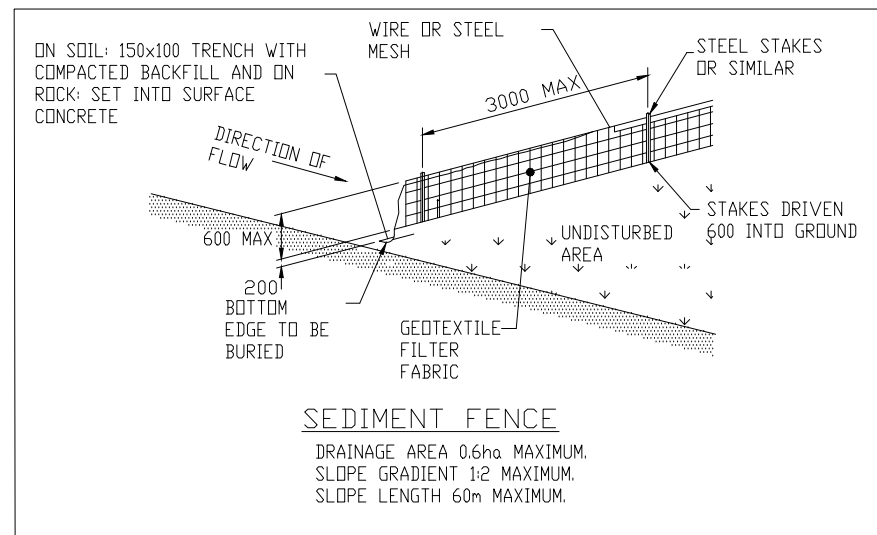
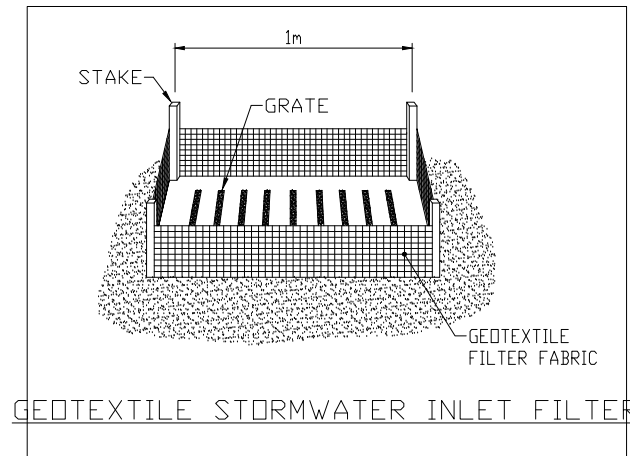
W13. ALL INLET AND OUTLET PIPES FROM PITS TO BE CONNECTED AT THE HIGHEST POSSIBLE INVERT LEVEL WHILST KEEPING 1% MIN. GRADE UNLESS NOTED OTHERWISE.

W14. FINISHED SURFACES TO BE GRADED AWAY FROM THE DWELLING AND TOWARD THE PITS.

W15. GRATED TRENCHES TO BE 1% MIN. GRADE THROUGHOUT TO OUTLET PIPE.

LEGEND

- SURFACE FLOW
- +78.63 EXISTING SURFACE LEVEL
- DP DOWN PIPE
- PROPOSED STORMWATER PIPE



NOTE: DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL PLANS. VERIFY DIMENSIONS ON SITE

REV	DATE	DESCRIPTION	DESIGNER
A	23.07.2024	ISSUED FOR DA	TH

COPYRIGHT
All rights reserved.
These drawings, plans and specifications and the copyright are the property of ASCO Engineering and must not be used, reproduced or copied wholly or in part without the written permission of ASCO Engineering

AE ASCO Engineering
Creative. Reliable. Affordable

PROPOSED SUBDIVISION	JOB NUMBER: 24078	DWG NUMBER: C00	ORIGINAL SIZE: A3
121A PENNANT HILLS ROAD, NORMANHURST	DRAFTED BY: TH	DATE: 23.07.2024	
STORMWATER NOTES	DESIGNED BY: TH	SCALE: AS SHOWN	



SITE STORMWATER PLAN

1:100

NOTE: DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL PLANS. VERIFY DIMENSIONS ON SITE

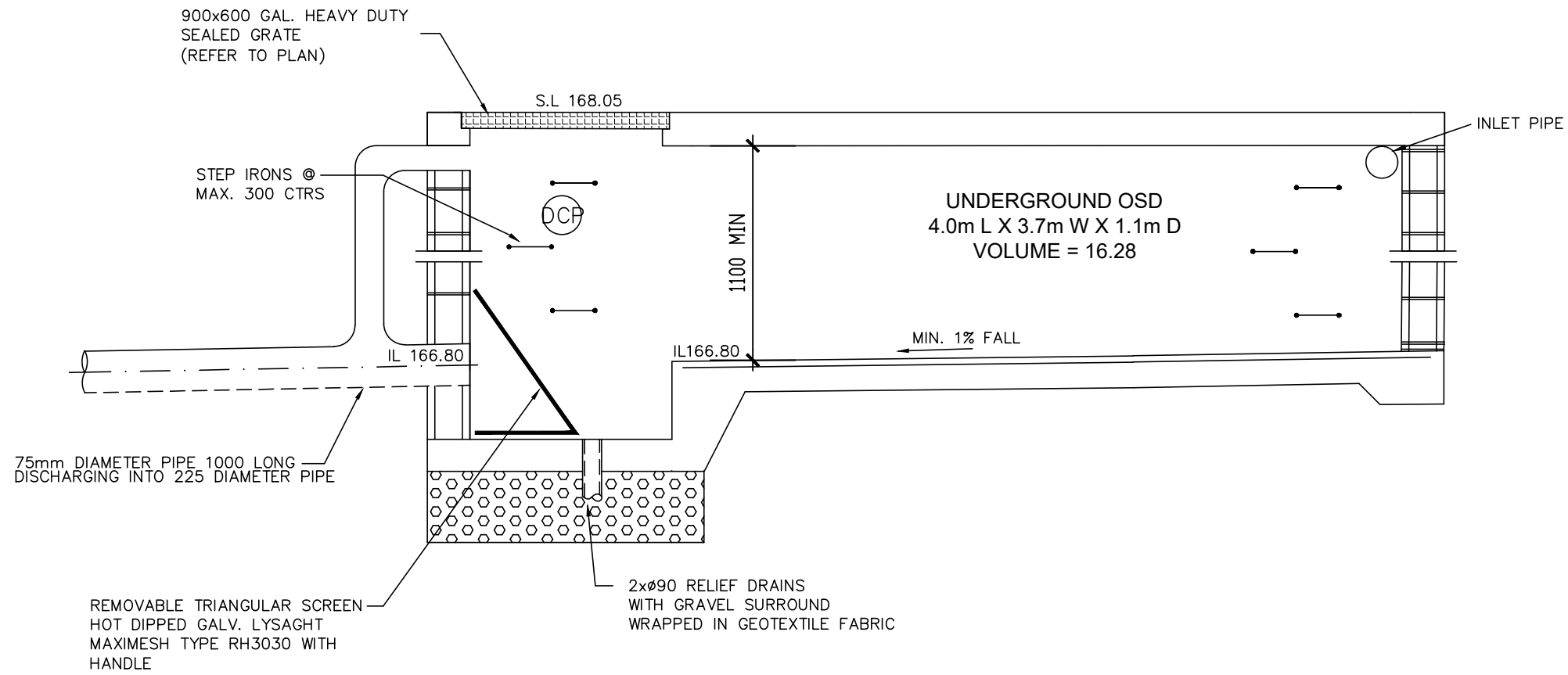
REV	DATE	DESCRIPTION	DESIGNER
A	23.07.2024	ISSUED FOR DA	TH

COPYRIGHT
All rights reserved.
These drawings, plans and specifications and the copyright are the property of ASCO Engineering and must not be used, reproduced or copied wholly or in part without the written permission of ASCO Engineering

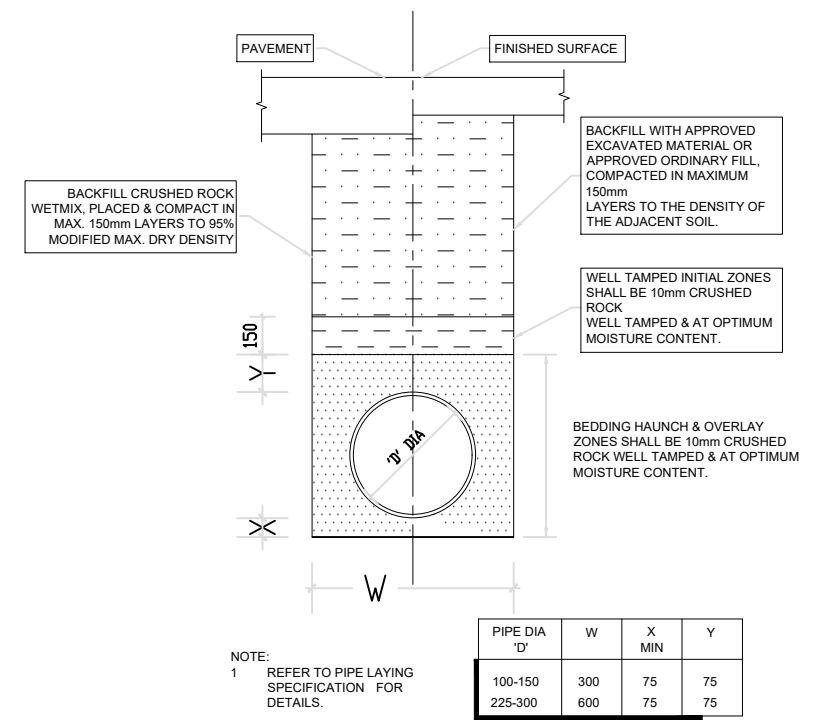


PROPOSED SUBDIVISION	121A PENNANT HILLS ROAD, NORMANHURST
STORM WATER PLAN	

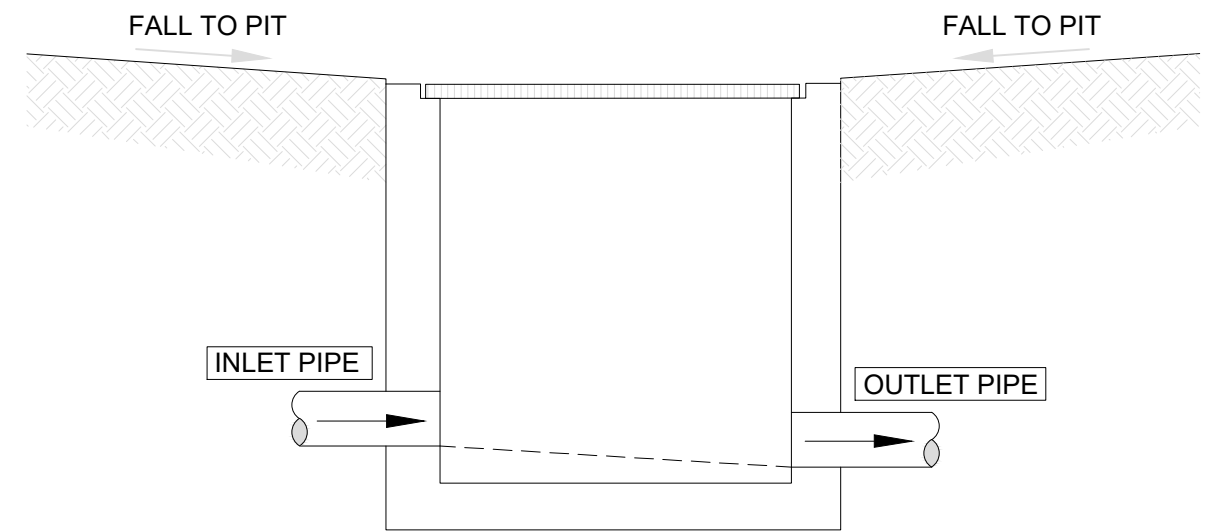
JOB NUMBER: 24078	DWG NUMBER: C01	ORIGINAL SIZE: A3
DRAFTED BY: TH	DATE: 23.07.2024	
DESIGNED BY: TH	SCALE: AS SHOWN	



SECTION THROUGH OSD OUTLET
SCALE 1:20



TYPICAL UPVC PIPE LAYING DETAIL
1:20



TYPICAL PIT DETAIL
N.T.S

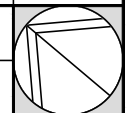
NOTE: DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL PLANS. VERIFY DIMENSIONS ON SITE

REV	DATE	DESCRIPTION	DESIGNER
A	23.07.2024	ISSUED FOR DA	TH

COPYRIGHT
All rights reserved.
These drawings, plans and specifications and the copyright are the property of ASCO Engineering and must not be used, reproduced or copied wholly or in part without the written permission of ASCO Engineering

AE ASCO Engineering
Creative. Reliable. Affordable

PROPOSED SUBDIVISION
121A PENNANT HILLS ROAD, NORMANHURST
DETAILS

JOB NUMBER:	DWG NUMBER:	ORIGINAL SIZE:
24078	C02	A3
DRAFTED BY:	DATE:	
TH	23.07.2024	
DESIGNED BY:	SCALE:	
TH	AS SHOWN	