



STANDARD NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.

2. THIS DRAWING SHOULD NOT BE SCALED.

3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.

4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A./E.A. PRIOR TO THE COMMENCEMENT OF WORKS.

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KEY AND NOTES

EXTENT OF WORKS BOUNDARY

SLOPE GRADIENT

PROPOSED RAIN GARDEN

POROUS TARMACADAM WITH PERMEABLE SUB-BASE

ACO CHANNEL M1500 10.0 WITH SLOTTED GRATING DUCTILE IRON C250

PERMEABLE PAVING WITH PERMEABLE SUB-BASE

EXISTING COMBINED SEWER

PROPOSED SURFACE WATER MANHOLE

PROPOSED SURFACE WATER PIPE

PROPOSED PERFORATED SURFACE WATER PIPE

PROPOSED DRAINAGE RILL

RODDING EYE

EXISTING GULLY

EXISTING COMBINED SEWER MANHOLE - INDICATIVE LOCATION

PROPOSED GULLY

CATCHMENT INFORMATION

TOTAL SITE AREA

IMPERMEABLE AREA

PERMEABLE AREA

DISCHARGE RATE RESTRICTION

REQUIRED ATTENUATION VOLUME

1:100YR + 45%CC

1.002 Ha

0.095 Ha

0.907 Ha

7.5 l/s

101.26m³

SUDS ELEMENTS

RAINGARDENS WILL BE UNDERLAIN BY A 300mm THICK LAYER OF 4-20mm CLEAN STONE (SUDS) AGGREGATE MATERIAL WITH A VOID RATIO OF 30% BELOW THE GROWING MEDIUM LAYER.

POROUS SURFACING TO BE LAID OVER MINIMUM 300mm THICK SUB-BASE OF 4-20mm CLEAN STONE (SUDS) AGGREGATE WITH AN ASSUMED 30% VOID RATIO FOR VOLUME CALCULATION PURPOSES

SWALES AND RAINGARDENS TO BE PLANTED USING WATER RESILIENT NATIVE PLANTS IN ACCORDANCE WITH PLANTIE LANDSCAPE DETAILS AND SPECIFICATION

05.01.24

P06

SUBMITTED FOR PRE COMMENCEMENT CONDITIONS

BW

ZG

16.11.23

P05

UPDATED TO PLANTING COMMENTS

BW

TC

31.07.23

P04

ISSUED FOR STAGE 4

CD

CK

09.05.23

P03

ISSUED FOR STAGE 4

BW

CK

30.01.23

P02

REDLINE BOUNDARY UPDATED

BW

CK

16.12.22

P01

ISSUED FOR INFORMATION

BW

CK

DATE

REV

DESCRIPTION

DRAWN

CHKD

Civic Engineers

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PROJECT

POLAND STREET ZONE

TITLE

PROPOSED DRAINAGE STRATEGY ANCOATS GREEN

DRAWING STATUS

STAGE 4

CE PROJECT NO.

1826-01

SCALE @ A0

1:250

DATE CREATED

DEC'22

DRAWN

BW

CHECKED

CK

DRAWING NO.

1826-01-CIV-XX-XX-D-C-30001

REV

P06

FILE LOCATION PATH: P:\PROJECTS\HOT1126-01 POLAND STREET ZONE\BIM\03 WIP DRAWINGS\1826-01 CIV-XX-XX-D-C-30001 DRAINAGE STRATEGY ANCOATS GREEN.DWG