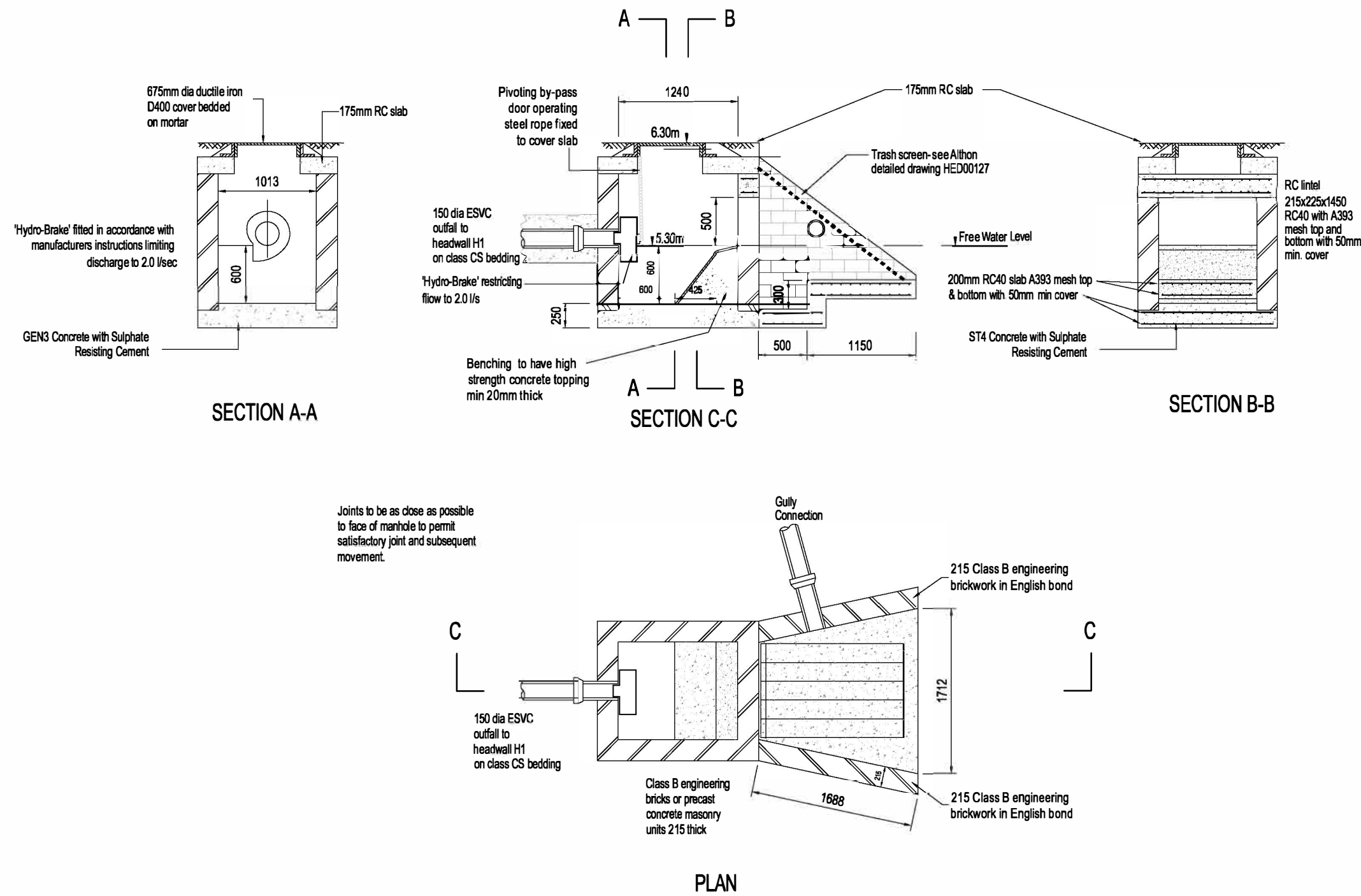
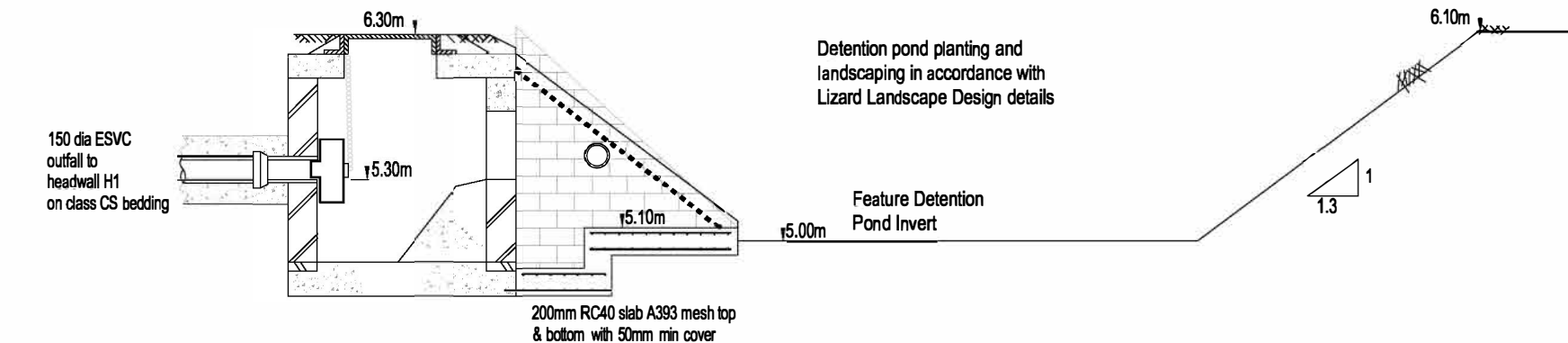
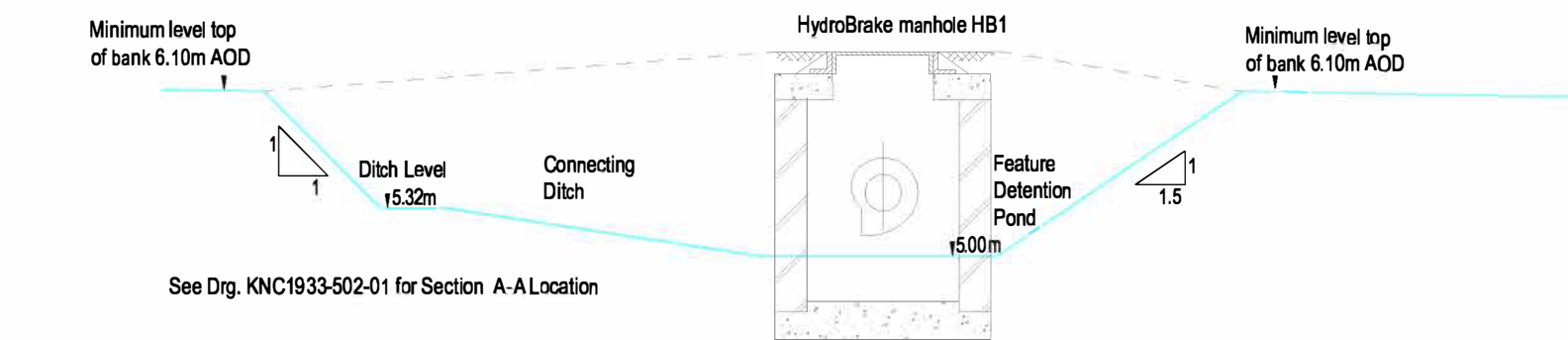




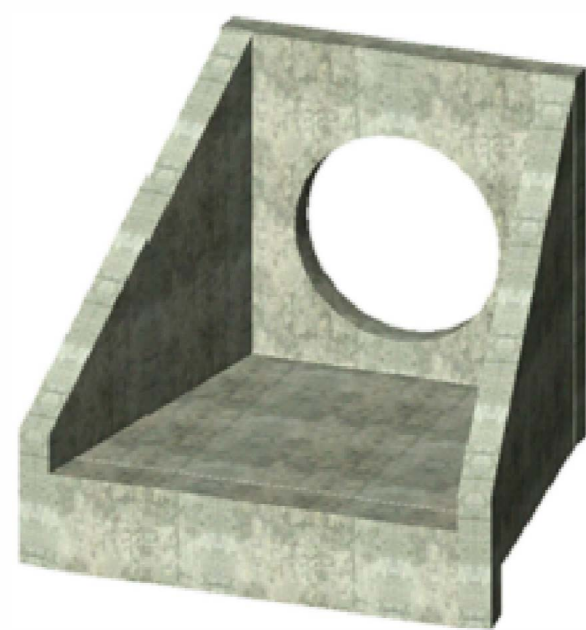
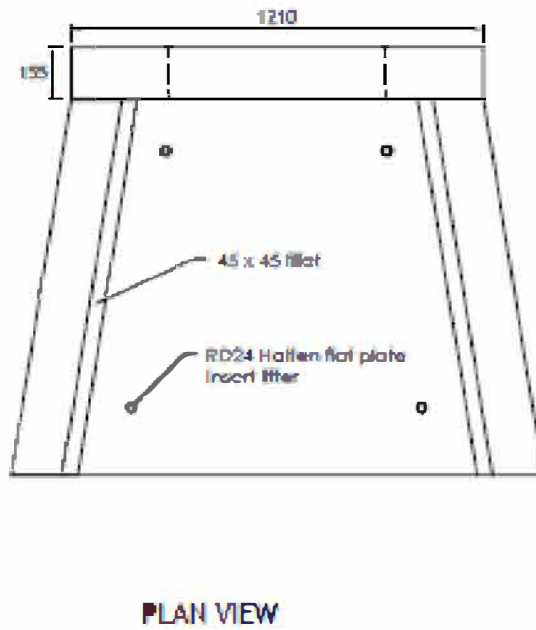
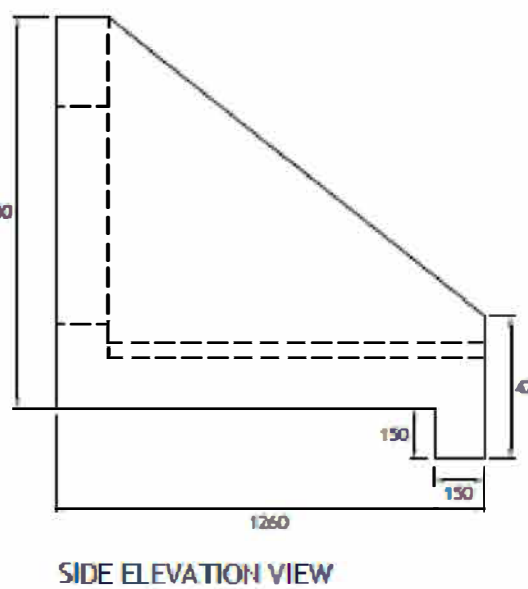
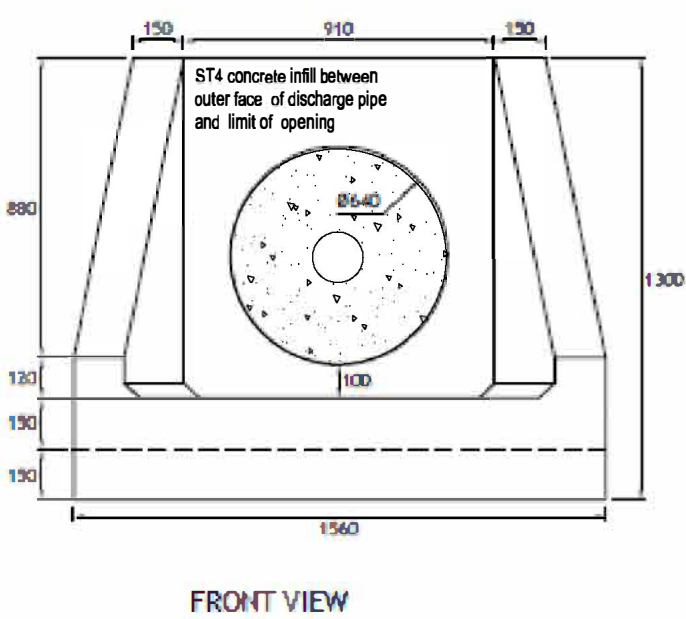
HB1 Headwall & Hydrobrake Details - Scale 1:50



HB1 Hydro Brake Manhole & Detention Pond Details - Scale 1:50

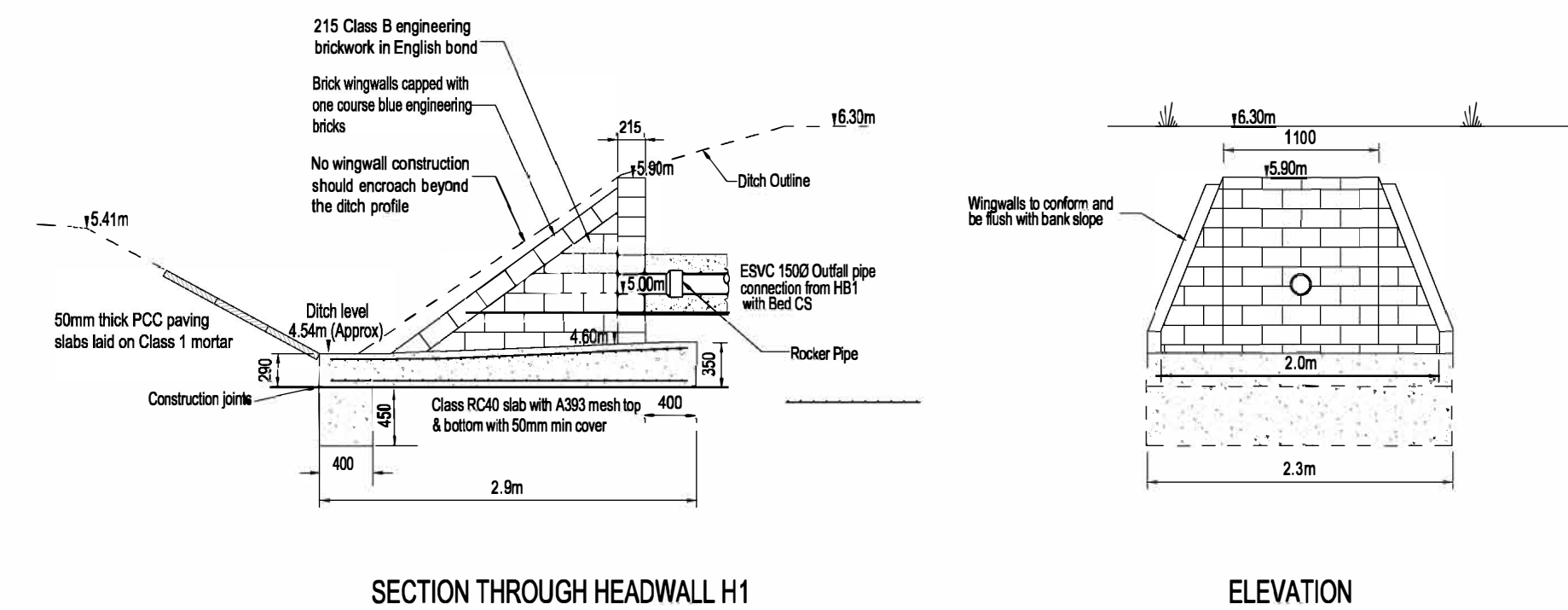


Section A-A through Ditch Connecting to Detention Pond - Scale 1:50



- Notes:
- All dimensions are in mm unless otherwise stated
 - Concrete: Grade C40/50 w/c Ratio 0.35, 40kg/m³ Cem I UNO. Sulphate resisting cement capable of resisting Class 3 sulphate attack. Cover: min 35mm, max 45mm all faces. Mix Ref: wet cast mix
 - Exposure Class: XF4
 - Handling: 4 no. R024 Halfen capped and liftrich inserts per unit located in base where indicated. maximum angle 30° to the vertical. Rebar/capped half fen R024 liftrich loop(PK)
 - Reinforcement: Grade strength of reinforcing steel to B500B, conforming to BS4449:2005. Scheduling, dimensioning, bending and cutting to BS9566
 - Concrete design to EC2: BS EN 1992-1-1:2004

A. CONCRETE WORK		Rev	1	2024
B. REINFORCEMENT		Rev	1	2024
C. FINISHES		Rev	1	2024
D. OTHER		Rev	1	2024
E. SMALL HEADWALL		Rev	1	2024
F. DETENTION POND		Rev	1	2024
G. DETENTION POND		Rev	1	2024
H. DETENTION POND		Rev	1	2024
I. DETENTION POND		Rev	1	2024
J. DETENTION POND		Rev	1	2024
K. DETENTION POND		Rev	1	2024
L. DETENTION POND		Rev	1	2024
M. DETENTION POND		Rev	1	2024
N. DETENTION POND		Rev	1	2024
O. DETENTION POND		Rev	1	2024
P. DETENTION POND		Rev	1	2024
Q. DETENTION POND		Rev	1	2024
R. DETENTION POND		Rev	1	2024
S. DETENTION POND		Rev	1	2024
T. DETENTION POND		Rev	1	2024
U. DETENTION POND		Rev	1	2024
V. DETENTION POND		Rev	1	2024
W. DETENTION POND		Rev	1	2024
X. DETENTION POND		Rev	1	2024
Y. DETENTION POND		Rev	1	2024
Z. DETENTION POND		Rev	1	2024



H1 Headwall Details - Scale 1:50

Notes:

- No part of any headwall to encroach into the profile of the ditch
- Construction of discharge into existing ditch subject to Watercourse Land Drainage Consent issued by Arun District Council
- Piping of existing ditch subject to Watercourse Land Drainage Consent issued by Arun District Council
- No works to be undertaken prior to issuing of Watercourse Land Drainage Consent

NOTE: H2 & H3 Headwalls to be constructed to West Sussex CC Standard Details S278/38/24. Reinforcement required to designers specification shall be A393 mesh with 50mm cover.

Rev	Date	Details	Initials
H	28.08.20	Pond section added	KN
G	15.09.20	Trash screen note added	KN
F	21.08.20	WSSCC headwall mesh note added	KN
E	21.08.20	Additional information added to H1 & HB1	KN
D	08.08.20	H2 & H3 note, dimensions and survey information added	KN
C	08.08.20	H2 & H3 amended, H4 headwall detail added	KN
B	30.04.20	Headwall note and pond arrangement added	KN
A	16.04.20	First Issue	KN

Drawing Status
PRELIMINARY FOR CONSTRUCTION

Project
LANGFORD
HORSEMER GREEN LANE, CLIMING

Client
myh
MICHAEL HARTNETT
EXECUTIVE HOMES

KAZYS NARBUTAS CONSULTING
Civil Engineering Consultants
Unit 18, Tanners Court, Tanners Lane, East Wotton, Banbury, Banbury, SO51 4TF
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Engineering Details				
Standard Construction Details				
Drawn	Checked	Scales	Paper Size	Date
KN		As Shown	A1	04.20
Job No.	Drawing No.			Revision
KNC1933	501-03			H