



BETWEEN B AND C REPLACE EXISTING BEANY BLOCK DRAINAGE KERB WITH FLUSH GRATING TYPE MAINTAINING EXISTING OUTLET POINT. EXTEND THROUGH TO EDGE OF NEW ACCESS UP TO POINT A

EXISTING TREATED EFFLUENT LINE TO BE ABANDONED

PREMIER TECH AQUA ALARMED BYPASS OIL SEPARATOR: CNSB15521 CL=9.86, IL=8.15, BASE=6.70 CONCRETE BASE + SURROUND

NEW NRW DISCHARGE CONSENT REQUIRED FOR TREATMENT PLANT DISCHARGE

EXISTING MULTIPLE PIPE OUTFALL TO THE DOCKS TO BE CLEANED OUT AND RE-USED FOR NEW SURFACE WATER DRAINAGE (3000) AND TREATED EFFLUENT DISCHARGE (1500). NEW CONNECTIONS TO BE MADE TO THE EXISTING PIPES BEHIND THE DOCK WALL. SUBJECT TO INVESTIGATION AND CONDITION SURVEY. ALLOWANCE FOR REMEDIAL WORKS TO EXISTING OUTFALLS TO BE MADE AT THIS STAGE.

PACKAGED SEWAGE TREATMENT PLANT. BIOFICIENT 55 BY KINGSPAN ENVIRONMENTAL
1500 INLET = 8.166
1500 OUTLET = 7.966
TANK BASE = 5.656
(11.2 X 2.8m TANK)
CONCRETE BACKFILL TO 2.60 TANK KIOSK UNIT ON CONCRETE PLINTH
POWER SUPPLY REQUIRED
MAINTENANCE CONTRACT REQUIRED

PATH RUNOFF TO SHED OFF THE SIDE OF THE PATH. NO KERB UPSTAND AT THIS POINT. GRAVEL MARGIN PROVIDED.

S3
CL 9.91
IL (2250) 7.895
BDLL (1500) 8.48
10500 MH
B125 COVER
FIC
CL 9.95
IL 8.195
4500
B125 COVER

PATH RUNOFF TO SHED OFF THE SIDE OF THE PATH. NO KERB UPSTAND AT THIS POINT. GRAVEL MARGIN PROVIDED.

INTERNAL FOUL WATER DRAINAGE CONNECTIONS TO THE FOUL DRAIN WILL BE DESIGNED AND SHOWN ON THE STAGE 3 DRAWINGS.

ALL EXTERNAL FOUL WATER INSPECTION CHAMBERS ARE WHOLLY INDICATIVE AT THIS STAGE, BUT THE NUMBER REQUIRED AND CORRESPONDING DEPTH IS AS SHOWN.

NO RECESSED COVERS AT THE REAR OF THE BUILDING

FOUL WATER SPUR FOR FUTURE EXPANSION
CL=10.00, IL=9.000
PROVIDE RODDING EYE ACCESS POINT

ROOF WATER SPUR FOR FUTURE EXPANSION
CL=10.00, IL=9.300
PROVIDE RODDING EYE ACCESS POINT

UXO NOTE:
ALL EXCAVATIONS FOR HARD LANDSCAPING, MANHOLES, PIPES AND OTHER DRAINAGE ITEMS ARE TO BE SUPERVISED BY AN EOD ENGINEER. REFER TO EOD CONTRACTS UXO DESKTOP STUDY k-h-ku 7-k-7y00 MITIGATION MEASURES.

DRAINAGE LEGEND	
	FOUL WATER SHALLOW ACCESS CHAMBER (1800, "MINI ACCESS CHAMBERS")
	FOUL WATER INSPECTION CHAMBER (4500). PAVING RECESSED COVERS AT FRONTAGE
	ROAD GULLY
	SURFACE WATER MANHOLE (10500)
	SURFACE WATER INSPECTION CHAMBER (4500) RECESSED PAVING COVERS WHERE SHOWN
	ACO ROAD DRAIN LINEAR DRAINAGE CHANNEL (SPEC AS SHOWN (AAU - ACO ACCESS UNIT) (AOU - ACO OUTLET UNIT WITH SUMP))
	EXISTING FOUL WATER PIPES TO BE ABANDONED BUT LEFT IN PLACE

NOTES

ALL INTERNAL FOUL DRAINAGE CONNECTIONS POINTS ARE INDICATIVE AND ARE SUBJECT TO DESIGN BY THE MECHANICAL ENGINEER AND FINAL PLACEMENT BY THE ARCHITECTS BEFORE FINAL COORDINATION WITH THE BELOW GROUND DRAINAGE.

ALL BUILDING RAIN WATER PIPES ARE INDICATIVE ON THE DRAWING BUT SUFFICIENT CARRIER PIPE WORK IS SHOWN FOR LAYOUT FLEXIBILITY.

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Rev	Date	Description	By	Ckd
P6	19/12/2017	Stage 2 VE Issue	RB	RB
P5	28/09/2017	Treatment plant relocated	RB	RB
P4	23/06/2017	Package treatment plant option	JB	RB
P3	30/05/2017	Internal foul drainage updated	SJ	RB
P2	19/04/2017	External shower gully point added	SJ	RB
P1	16/03/2017	First Issue	SJ	RB

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Project: HMS CAMBRIA

Client: ABP

Drawing Title: DRAINAGE LAYOUT

Project Number: C161526

Drawn: Checked: Scale @ A1: Drawn Date: First Issue:
SJ RB 1:250 28/02/2017 16/03/2017

Status: D2 Purpose of Issue: STG2-VE

Drawing No.: HMS-HYD-XX-XX-DR-C-0700 P6

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Notes:
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