

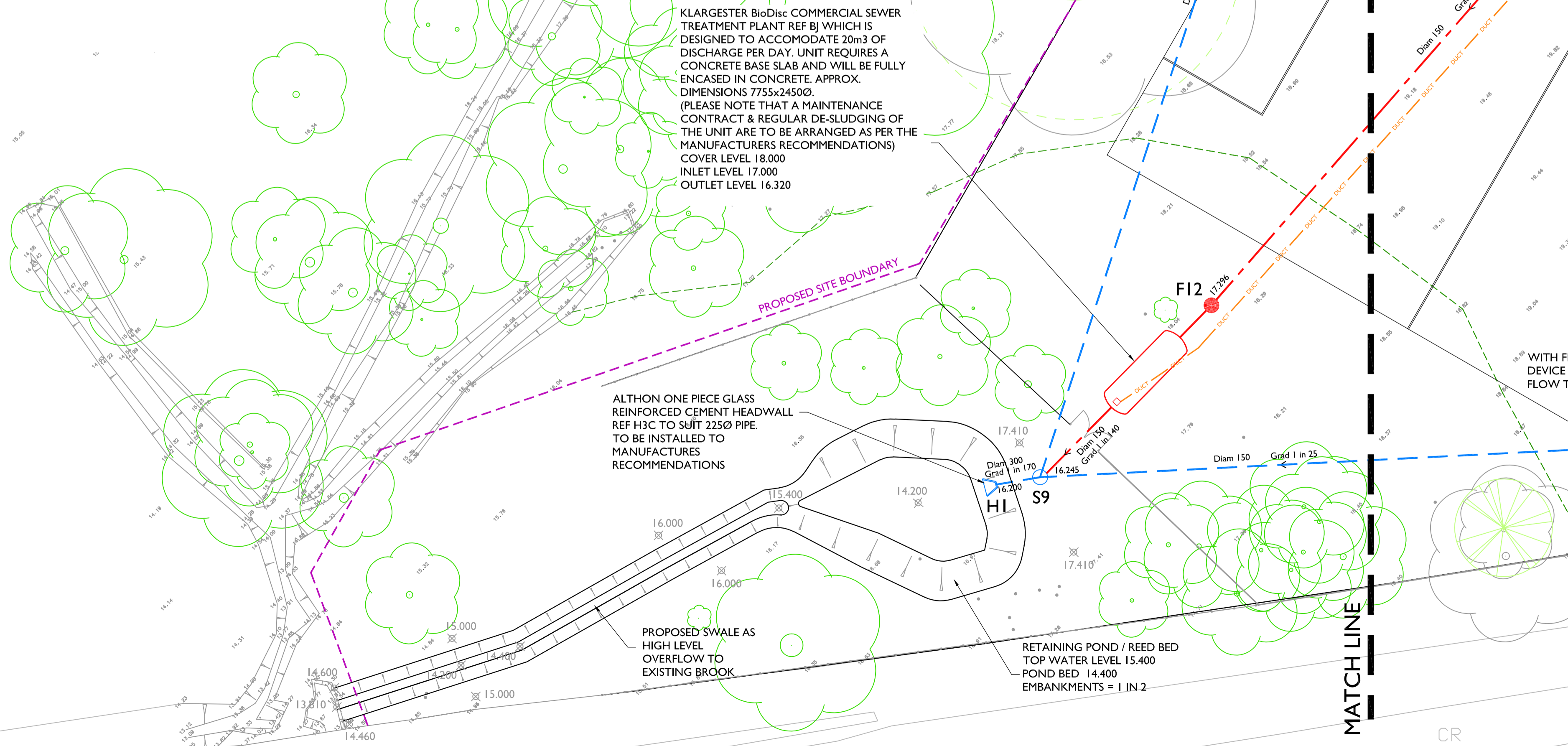
Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Pipework	Inverts	Diams		Manhole	Cover
D1	26.600	I 0	CLAY	26.240	150	1200	TYPE B CONC C-PIT	C250 600x600
E. 249202.217 N. 338119.847	1.480 (300mm Sump)	I 0	CONC	25.500	300			
D2	24.600	I 0	CONC	23.500	300	1200	TYPE B CONC	D400 600x600
E. 249183.995 N. 338102.614	1.100	I 0	CONC	23.500	300			
D3	23.300	I 0	CONC	22.200	300	1200	TYPE B CONC	D400 600x600
E. 249183.996 N. 338077.353	1.100	I 0	CONC	22.200	300			
D4	21.760	I 0	CONC	20.700	300	1200	TYPE B CONC	D400 600x600
E. 249162.939 N. 338063.238	1.060	I 0	CONC	20.700	300			

ALTHON ONE PIECE GLASS REINFORCED CEMENT HEADWALL REF H3C TO SUIT 3000 PIPE. TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS

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EXISTING 1500 OUTFALL PIPE TO BE SADDLE CONNECTED TO PROPOSED 3000

EXISTING CULVERT IMPROVEMENTS
SCALE 1:100



KLARGESTER BioDisc COMMERCIAL SEWER TREATMENT PLANT REF B) WHICH IS DESIGNED TO ACCOMMODATE 20m³ OF DISCHARGE PER DAY. UNIT REQUIRES A CONCRETE BASE SLAB AND WILL BE FULLY ENCASED IN CONCRETE. APPROX. DIMENSIONS 7755x24500. (PLEASE NOTE THAT A MAINTENANCE CONTRACT & REGULAR DE-SLUDGING OF THE UNIT ARE TO BE ARRANGED AS PER THE MANUFACTURERS RECOMMENDATIONS)
COVER LEVEL 18.000
INLET LEVEL 17.000
OUTLET LEVEL 16.320

ALTHON ONE PIECE GLASS REINFORCED CEMENT HEADWALL REF H3C TO SUIT 2250 PIPE. TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS

PROPOSED SWALE AS HIGH LEVEL OVERFLOW TO EXISTING BROOK

RETAINING POND / REED BED
TOP WATER LEVEL 15.400
POND BED 14.400
EMBANKMENTS = 1 IN 2

- NOTES**
- THE WORKS SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS, NATIONAL BUILDING SPECIFICATION (NBS) AND SEWERS FOR ADOPTION, 7TH EDITION.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS DRAWINGS, ARCHITECTS DRAWINGS, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.
 - THE LOCATION, LINE & LEVEL OF ALL KNOWN EXISTING BURIED SERVICE MAINS AND DRAINAGE PIPEWORK INDICATED ON THE DRAWINGS ARE APPROXIMATE AND FOR GUIDANCE PURPOSES ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THEIR EXACT LINE & LEVEL BY WAY OF HAND EXCAVATED TRIAL PITS, PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS ON SITE. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN THE STRUCTURAL INTEGRITY OF ALL ABOVE AND BELOW GROUND SERVICE MAINS / DRAINAGE INSTALLATIONS.
 - THE CONTRACTOR MUST COMPLY WITH ALL CURRENT LEGISLATION RELATING TO HEALTH & SAFETY.
 - THE MAIN CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF ALL TEMPORARY WORKS, AND IS ALSO RESPONSIBLE FOR THE SAFE MAINTENANCE AND STABILITY OF EXISTING BUILDINGS AT ALL TIMES.
 - THE MAIN CONTRACTOR IS RESPONSIBLE FOR THE MITIGATION OF ALL OCCURRENCES OF GROUND WATER DURING THE CONSTRUCTION PERIOD.
 - THE CONTRACTOR SHALL MAKE ALLOWANCE FOR RAISING / LOWERING ALL EXISTING ACCESS COVERS & FRAMES TO SUIT NEW FINISHED LEVELS.
 - ALL SOFT / HARD PAVED AREAS AFFECTED BY THE WORKS SHALL BE FULLY REINSTATEMENT UPON COMPLETION OF THE WORKS. ALL SURFACE MARKINGS DAMAGED BY THE WORKS SHALL BE FULLY REINSTATEMENT.
 - ALL SURPLUS EXCAVATED MATERIAL SHALL BE DISPOSED OF OFF SITE.
 - ALL LEVELS ARE TO ORDNANCE DATUM

KEY

	PROPOSED FOUL DRAIN
	PROPOSED SW DRAIN
	PROPOSED ATTENUATION CRATES
	PROPOSED PERMEABLE PAVING
	LINEAR DRAINAGE CHANNEL
	PROPOSED FOUL OUTLET
	PROPOSED RAIN WATER DOWN PIPE
	PROPOSED TRAPPED ROAD GULLY
	PROPOSED WATER BUTT

REV	DESCRIPTION	BY	CHK	APR	DATE
P04	UPDATED TO LATEST LAYOUT	RAH	MM	JP	24.05.2021
P03	WATERCOURSE DIVERSION DEPICTED	MNM	RAH	JP	21.01.2021
P02	SEWER TREATMENT SYSTEM ADDED	MNM	RAH	JP	20.01.2021
P01	PRELIMINARY ISSUE	MNM	RAH	JP	20.11.2020



PURPOSE OF ISSUE	PRELIMINARY	STATUS	SI
PROJECT	YSGOL TREFERTHYR CRICCIETH		
TITLE	PROPOSED DRAINAGE OFF SITE OUTFALLS		
CLIENT	CYNGOR GWYNNEDD		
DRAWN BY	RH	CHECKED BY	MM
APPROVED BY	JP	DATE	20.11.2020
SCALE (@ A1)	1:250	PROJECT NUMBER	14016
DRAWING NUMBER	YTC-JPS-XX-XX-DR-C-0502	REV	P04