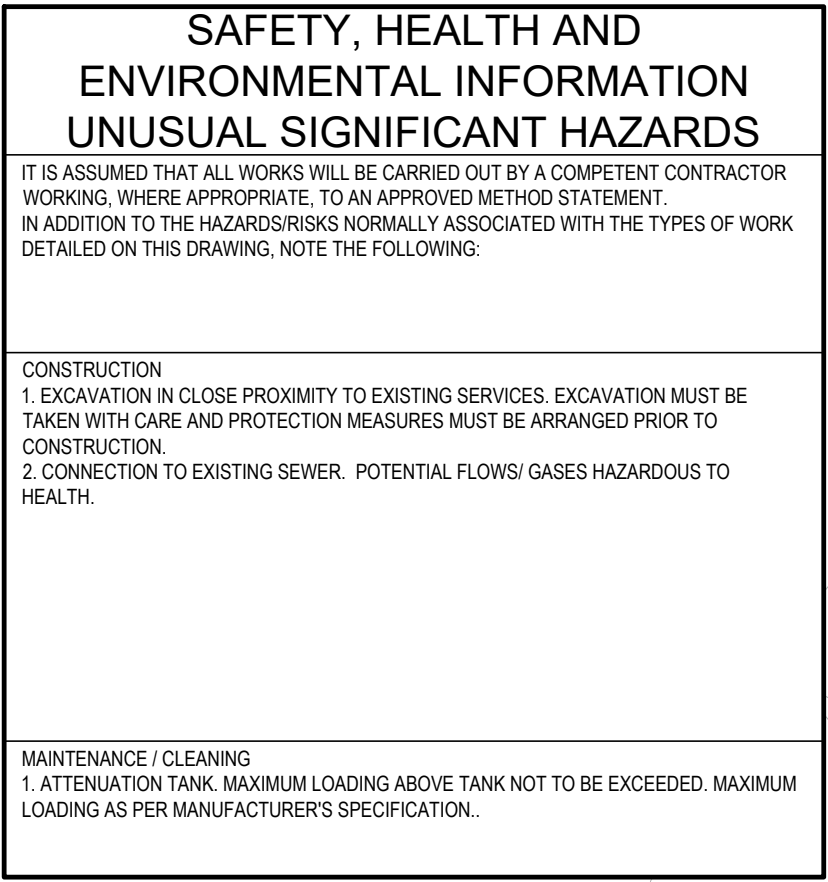




1. DRAINAGE STRATEGY BASED ON LANDSCAPE ARCHITECT LAYOUT "FS0964-ALA-XX-ZZ-DRL-0003 GENERAL ARRANGEMENT" PROVIDED BY ARES ON 27.10.21
2. FURTHER LEVELS COORDINATION WITH LANDSCAPE ARCHITECT IS REQUIRED. SITE LEVELS TO BE DESIGNED TO FALL TOWARDS THE DRAINAGE FEATURED
3. SIPHONIC ROOF DRAINAGE INDICATIVE ONLY. SIPHONIC SPECIALIST TO DESIGN THE SIPHONIC SYSTEM UP TO THE DISCHARGE CHAMBER.
4. EROSION TECHNIQUES CONSIDERED AS NOT VIABLE DUE TO COAL MINING PRESENCE ON SITE – SUBJECT TO LFA CONFIRMATION
5. SURFACE WATER DESIGN BASED ON A GREENFIELD RUNOFF RATE OF 8.5US. FURTHER CONSULTATION WITH YORKSHIRE WATER AND LFLA TO BE UNDERTAKEN TO CONFIRM THE DESIGN PRINCIPLES.
6. ATTENUATION STORAGE HAS BEEN BASED ON 100 YEAR STORM EVENT WITH 30% CLIMATE CHANGE (WITH SENSITIVITY CHECK UP TO 40%K)
7. 30% OF THE SPORTS PITCHES AREA ALLOWED TO CONTRIBUTE TOWARDS THE ATTENUATION STORAGE – SUBJECT TO FURTHER DISCUSSION WITH LFLA.
8. SPORTS PITCHES DRAINAGE TO BE DESIGNED BY A SPECIALIST.
9. ALL SWALES, FILTER DRAINS AND RAIN GARDENS TO BE LINED WITH AN IMPERMEABLE MEMBRANE.
10. POND SIZE AND SHAPE SUBJECT TO FURTHER LEVELS COORDINATION WITH THE LANDSCAPE ARCHITECT.
11. PIPE PROTECTION REQUIRED WHERE IS LESS THAN 1.2M COVER WITHIN THE VEHICLE ACCESS AREAS.
12. ALL INVERT AND COVER LEVELS BASED ON UTILITIES SURVEY UNDERTAKEN IN JULY 2021 BY SURVEY OPERATIONS
13. TREE ROOT PROTECTION BARRIERS ARE REQUIRED AT ALL AREAS WHERE TREES ARE IN CLOSE PROXIMITY TO THE DRAINAGE FEATURES.
14. TREE PITTS TO BE INSTALLED WITHIN THE RAIN GARDENS.
15. DRAINAGE SERVING THE EXISTING BUILDINGS TO BE ABANDONED.
16. EXISTING DRAINAGE USED AT THE CONNECTION ROUTE FOR THE NEW DEVELOPMENT TO BE RETAINED AND SURVEYED TO CONFIRM ITS CONDITION AND CONNECTIVITY.
17. CONNECTION TO THE CULVERTED WATERCOURSE SUBJECT TO LFLA APPROVAL.

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
4. FOR GENERAL NOTES REFER TO CURTINS DRAWING "S09054-CUR-ZX-XX-DR-C-9000_GENERAL_INFRASTRUCTURE NOTES"

FS0954-CUR-ZZ-ZR-C900-GENERAL INFRASTRUCTURE NOTES
FS0954-CUR-ZZ-ZR-C920-FOUL WATER DRAINAGE LAYOUT
FS0954-CUR-ZZ-ZR-C920-1 SURFACE WATER DRAINAGE LAYOUT SHEET 1 OF 5
FS0954-CUR-ZZ-ZR-C920-2 SURFACE WATER DRAINAGE LAYOUT SHEET 2 OF 5
FS0954-CUR-ZZ-ZR-C920-3 SURFACE WATER DRAINAGE LAYOUT SHEET 3 OF 5
FS0954-CUR-ZZ-ZR-C920-4 SURFACE WATER DRAINAGE LAYOUT SHEET 4 OF 5
FS0954-CUR-ZZ-ZR-C920-5 SURFACE WATER DRAINAGE LAYOUT SHEET 5 OF 5
FS0954-CUR-ZZ-ZR-C920-6 SURFACE WATER DRAINAGE LAYOUT KEY PLAN
FS0954-CUR-ZZ-ZR-C920-7 DRAINAGE CONSTRUCTION DETAILS SHEET 1 OF 2
FS0954-CUR-ZZ-ZR-C920-8 DRAINAGE CONSTRUCTION DETAILS SHEET 2 OF 2

	PROPOSED SURFACE WATER DRAIN
	PROPOSED SIPHONIC PIPE
	FILTER DRAIN WITH PERFORATED PIPE
	RAIN GARDEN
	GATIC SLOT DRAIN
	MONODRAIN WITH INTERNAL SLOPE
	PROPOSED RODDING POINT
	PROPOSED SURFACE WATER GULLY
	ACO SWALE INLET
	CHECK DAMS
	DRAINAGE WEIR/HOLLOW KERB
	PROPOSED SURFACE WATER TANK
	PROPOSED SuDS MUGA / SPORTS PITCH
	PROPOSED CONVEYANCE SWALE
	ATTENUATION POND
	GRASSED SPORTS PITCH - DRAINAGE SUBJECT TO A SPECIALIST DESIGN
	EX. PRIVATE SURFACE WATER SEWER TO BE RETAINED

P04	PLANNING ISSUE	26.11.21	JW	AS
P03	UPDATED TO SUIT LATEST SITE LAYOUT AND CONTRACTORS COMMENTS	27.10.21	AS	AS
P02	DRAFT CP ISSUE	15.10.21	JW	AS
P01	ISSUED FOR COSTING	13.10.21	JW	AS
Rev:	Description:	Date:	By:	Chkd:


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Project: TRINITY ACADEMY, BARNESLEY

Orig Title: SURFACE WATER DRAINAGE LAYOUT SHEET 4 OF 5

Project No:	Size:	Date:	Drawn By:	Designed By:	Checked By:		
079532	A1	13.10.21	JW	JW	AS		
	Scale: 1:200						
Project Code:	Originator:	Volume:	Level:	Type:	Role:	Category / Number:	Rev:

FS0954 - CUR - ZZ - ZZ - DR - C - 9204 - P04