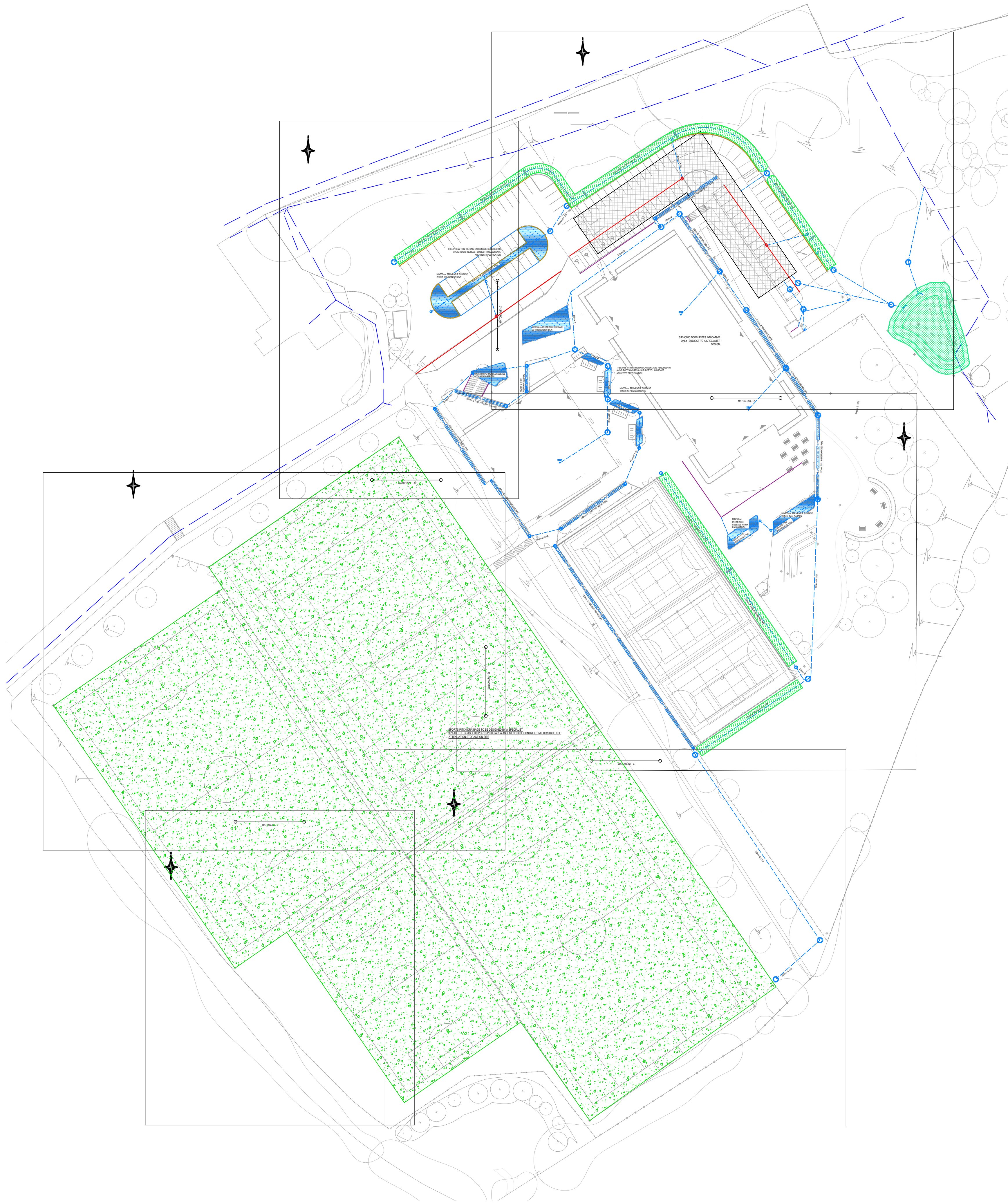




GENERAL NOTES:

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 "FS0954-CUR-ZZ-ZZ-DR-C-9000_GENERAL INFRASTRUCTURE NOTES"

TO BE READ IN CONJUNCTION WITH:

-FS0954-CUR-ZZ-ZZ-DR-C-9000-GENERAL INFRASTRUCTURE NOTES
-FS0954-CUR-ZZ-ZZ-DR-C-9200-FOUL WATER DRAINAGE LAYOUT
-FS0954-CUR-ZZ-ZZ-DR-C-9201-SURFACE WATER DRAINAGE LAYOUT SHEET 1 OF 5
-FS0954-CUR-ZZ-ZZ-DR-C-9202-SURFACE WATER DRAINAGE LAYOUT SHEET 2 OF 5
-FS0954-CUR-ZZ-ZZ-DR-C-9203-SURFACE WATER DRAINAGE LAYOUT SHEET 3 OF 5
-FS0954-CUR-ZZ-ZZ-DR-C-9204-SURFACE WATER DRAINAGE LAYOUT SHEET 4 OF 5
-FS0954-CUR-ZZ-ZZ-DR-C-9205-SURFACE WATER DRAINAGE LAYOUT SHEET 5 OF 5

DESIGN NOTES

1. DRAINAGE STRATEGY BASED ON LANDSCAPE ARCHITECT LAYOUT "FS0954-ALA-XX-ZZ-DR-L-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. INFILTRATION TECHNIQUES CONSIDERED AS NOT VIABLE DUE TO COAL MINING PRESENCE ON SITE - SUBJECT TO LLFA CONFIRMATION.
5. SURFACE WATER DESIGN BASED ON A GREENFIELD RUNOFF RATE OF 8.5L/S. FURTHER CONSULTATION WITH YORKSHIRE WATER AND LLFA 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%CC)
7. 30% OF THE SPORTS PITCHES AREA ALLOWED TO CONTRIBUTE TOWARDS THE ATTENUATION STORAGE - SUBJECT TO FURTHER DISCUSSION WITH LLFA.
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 2020 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 PITS 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 LLFA APPROVAL.

P04	PLANNING ISSUE	26.11.21	JW	AS
P03	UPDATED TO SUIT LATEST SITE LAYOUT AND CONTRACTORS COMMENTS	27.10.21	EMC	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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Status:

PLANNING

Project:

TRINITY ACADEMY, BARNSLEY

Dwg Title:

SURFACE WATER DRAINAGE LAYOUT
KEY PLAN

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 - 9206 - P04							