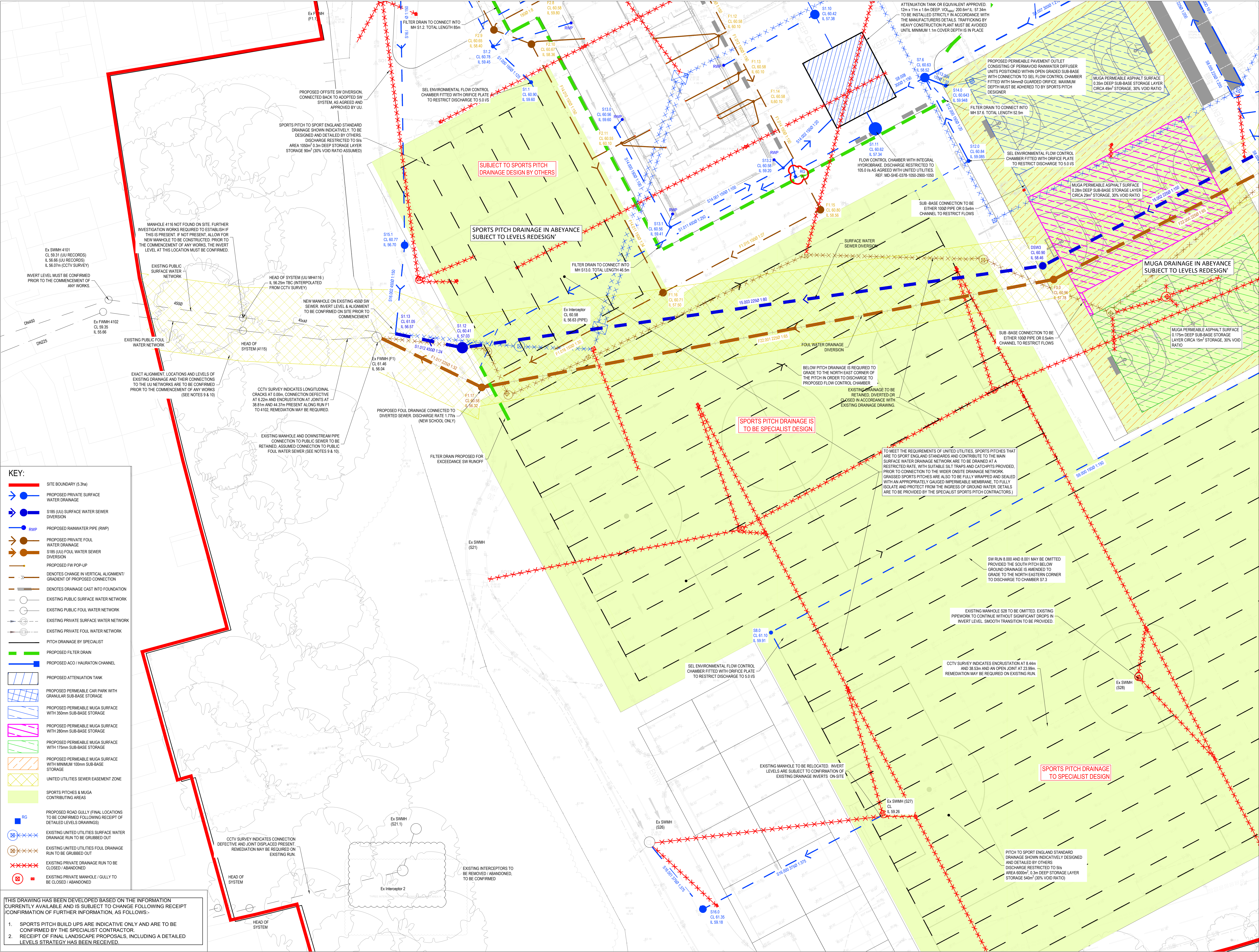




- KEY:**
- SITE BOUNDARY (5.3ha)
 - PROPOSED PRIVATE SURFACE WATER DRAINAGE
 - S185 (UU) SURFACE WATER SEWER DIVERSION
 - PROPOSED RAINWATER PIPE (RWP)
 - PROPOSED PRIVATE FOUL WATER DRAINAGE
 - S185 (UU) FOUL WATER SEWER DIVERSION
 - PROPOSED FW POP-UP
 - DENOTES CHANGE IN VERTICAL ALIGNMENT/ GRADE OF PROPOSED CONNECTION
 - DENOTES DRAINAGE CAST INTO FOUNDATION
 - EXISTING PUBLIC SURFACE WATER NETWORK
 - EXISTING PUBLIC FOUL WATER NETWORK
 - EXISTING PRIVATE SURFACE WATER NETWORK
 - EXISTING PRIVATE FOUL WATER NETWORK
 - PITCH DRAINAGE BY SPECIALIST
 - PROPOSED FILTER DRAIN
 - PROPOSED AGO / HAURATION CHANNEL
 - PROPOSED ATTENUATION TANK
 - PROPOSED PERMEABLE CAR PARK WITH GRANULAR SUB-BASE STORAGE
 - PROPOSED PERMEABLE MUGA SURFACE WITH 350mm SUB-BASE STORAGE
 - PROPOSED PERMEABLE MUGA SURFACE WITH 200mm SUB-BASE STORAGE
 - PROPOSED PERMEABLE MUGA SURFACE WITH 150mm SUB-BASE STORAGE
 - PROPOSED PERMEABLE MUGA SURFACE WITH MINIMUM 100mm SUB-BASE STORAGE
 - UNITED UTILITIES SEWER EASEMENT ZONE
 - SPORTS PITCHES & MUGA CONTRIBUTING AREAS
 - PROPOSED ROAD GULLY (FINAL LOCATIONS TO BE CONFIRMED FOLLOWING RECEIPT OF DETAILED LEVELS DRAWINGS)
 - EXISTING UNITED UTILITIES SURFACE WATER DRAINAGE RUN TO BE GRUBBED OUT
 - EXISTING UNITED UTILITIES FOUL DRAINAGE RUN TO BE GRUBBED OUT
 - EXISTING PRIVATE DRAINAGE RUN TO BE CLOSED / ABANDONED
 - EXISTING PRIVATE MANHOLE / GULLY TO BE CLOSED / ABANDONED

THIS DRAWING HAS BEEN DEVELOPED BASED ON THE INFORMATION CURRENTLY AVAILABLE AND IS SUBJECT TO CHANGE FOLLOWING RECEIPT / CONFIRMATION OF FURTHER INFORMATION, AS FOLLOWS:-

- SPORTS PITCH BUILD UPS ARE INDICATIVE ONLY AND ARE TO BE CONFIRMED BY THE SPECIALIST CONTRACTOR.
- RECEIPT OF FINAL LANDSCAPE PROPOSALS, INCLUDING A DETAILED LEVELS STRATEGY HAS BEEN RECEIVED.

BUILDING DESIGN PARTNERSHIP SHALL HAVE NO RESPONSIBILITY FOR ANY USE MADE OF THIS DOCUMENT OTHER THAN FOR THAT WHICH IT WAS PREPARED AND ISSUED. ALL DIMENSIONS SHOULD BE CHECKED ON SITE. DO NOT SCALE FROM THIS DRAWING. ANY DRAWING ERRORS OR DIVERGENCES SHOULD BE BROUGHT TO THE ATTENTION OF BUILDING DESIGN PARTNERSHIP AT THE ADDRESS SHOWN BELOW.

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS.
- THIS DRAWING IS BASED ON:
 - TOPOGRAPHICAL SURVEY DWS FILE REF: 200510-001 TO 004 DATED JULY 2020 BY SURVEY OPERATIONS
 - FULL UTILITIES SURVEY DWS FILE REF: 0620-ARC-13319 DATED 06/07/2020 BY SITE VISION SURVEYS
 - UNITED UTILITIES RECORD MAP, L1/RE/RE/1/USP-ORD-17565 DATED 23/07/2020 (PPF)
- BEFORE STARTING ANY WORKS, CONTRACTOR TO CHECK INVERT LEVELS AND POSITIONS OF EXISTING DRAINAGE, SEWERS, INSPECTIONS CHAMBERS AND MANHOLES AGAINST INFORMATION SHOWN ON THIS DRAWING. ENGINEER TO BE INFORMED IF FOUND DIFFERENT TO NOTED.
- ROCKER PIPES ARE TO BE PROVIDED AT ALL CONCRETE CASED INTERFACES.
- EXTERNAL DRAINAGE OUTSIDE BUILDING FOOTPRINT: CLASS 2 CONCRETE SURROUND TO BE PROVIDED FOR PIPES WITH COVER LESS THAN 1.2m ABOVE THE CROWN OF THE PIPE FOR ROADS AND 0.8m FOR SOFT AND PEDESTRIAN AREAS ONLY AND UNDER ALL FOUNDATIONS AND WHERE PIPES LAID WITHIN 1m OF FOUNDATIONS.
- CONNECTIONS TO EXISTING PUBLIC SEWER IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY AND IN CONJUNCTION WITH ALL RELEVANT BRITISH STANDARDS. COOP OF PRACTICE AND SEWERS FOR ADOPTION 7TH EDITION AND ADDENDUMS AS APPROPRIATE. ALL DRAINAGE SHALL COMPLY WITH THE TYPICAL DRAINAGE CONSTRUCTION DETAILS AND THE REQUIREMENTS OF BS EN 12056.
- DRAWING TO BE READ IN CONJUNCTION WITH EXISTING DRAINAGE DRAWING 00433-BDP-01-ZZ-DR-C-520010.
- ALL DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY AND IN CONJUNCTION WITH ALL RELEVANT BRITISH STANDARDS. COOP OF PRACTICE AND SEWERS FOR ADOPTION 7TH EDITION AND ADDENDUMS AS APPROPRIATE. ALL DRAINAGE SHALL COMPLY WITH THE TYPICAL DRAINAGE CONSTRUCTION DETAILS AND THE REQUIREMENTS OF BS EN 12056.
- ACCESS COVERS AND FRAMES SHALL COMPLY WITH THE LOADINGS SPECIFIED AND TO BS EN 124 AND KITEMARKED OR IF ACCESS COVERS ARE SPECIFIED THEN IN ACCORDANCE WITH FACTA ASSOCIATION EQUIVALENT. LANDSCAPE ARCHITECT FINISHES TO ALL NON-ASPHALT EXTERNAL AREAS.
- THE PROPOSED BUILDING OUTLINES SHOWN ON THIS DRAWING ARE FOR INFORMATION ONLY. REFER TO ARCHITECTS PLANS FOR PRECISE LOCATION SETTING OUT INFORMATION AND DETAILS.
- FOR SETTING OUT DIMENSIONS OF SEWERS, SWPS, RWPS, FLOOR GULLY & OTHER DRAINAGE POP UP LOCATIONS, REFER TO ARCHITECTS OR OTHER MECHANICAL & ELECTRICAL ENGINEERS DRAWINGS.
- ALL DRAINAGE PREWORK SHALL BE 100mm DIAMETER FOR FLOOR AND 150mm FOR SURFACE WATER UNLESS NOTED OTHERWISE. ALL DRAINAGE PREWORK SHALL BE LAID SLOTTED TO SLOTTED UNLESS OTHERWISE STATED.
- ALL UNDERSLAB DRAINAGE SHALL BE LAID AT GRADIENTS OF 1:80 MIN FOR FLOOR PREWORK AND 1:100 MIN FOR SURFACE WATER UNLESS NOTED OTHERWISE. ALL UNDERSLAB DRAINAGE SHALL BE CLEAR OF FOUNDATIONS UNLESS SHOWN OTHERWISE. USE OF SHORT LONG RADIUS BENDS IS ACCEPTABLE PROVIDED THEY ARE KEPT TO A MINIMUM AND USED WHERE UNAVOIDABLE.
- AT LEAST ONE SOIL PIPE AT THE HEAD OF EACH FOUL RUN SHALL BE VENTED TO THE ATMOSPHERE. ALL RAINWATER PIPES SHALL HAVE ABOVE GROUND ROOFING ACCESS.
- COVER LEVELS SHOWN ON THIS DRAWING ARE APPROXIMATE AND SHALL BE ADJUSTED TO SUIT FINISHED PAVEMENT LEVELS ON SITE BY CONTRACTOR. COVERS SHALL BE ORIENTATED TO SUIT PAVEMENT FINISHES WHERE APPROPRIATE.
- ALL PRIVATE DRAINAGE PREWORK FOR FOUL AND SURFACE WATER SYSTEMS HAVE BEEN DESIGNED ON THE BASIS OF UPVC TO BS EN 1401-1, UNLESS NOTED OTHERWISE.
- CONCRETE ENCASUREMENT OF THE PIPEWORK SHALL BE REQUIRED WHERE THE VERTICAL CLEARANCE BETWEEN TWO PIPES CROSSING IS LESS THAN 300mm.
- WHERE NEW DRAINAGE IS SITUATED WITHIN 5 METRES OF NEW OR EXISTING TREES THE PIPEWORK SHALL BE ENCASED IN CONCRETE TO REDUCE THE RISK OF ROOT INGRESS.
- ALL DRAINAGE CONNECTING TO THE PUBLIC SEWER NETWORK SHALL NOT COMMENCE UNTIL RECEIPT OF THE APPROVAL FROM THE DRAINAGE AUTHORITY AND SHALL COMPLY WITH REQUIREMENTS USING VITRIFIED CLAY PIPEWORK TO BS EN 252 WITH PLAIN SLEEVES OR SOCKETED FLEXIBLE JOINTS SUBJECT TO THEIR APPROVAL.
- UPON COMPLETION ALL NEW DRAINAGE INSTALLATION TOGETHER WITH ANY EXISTING DRAINAGE RETAINED SHALL BE SETTED AND CCTV SURVEYED UPON COMPLETION. CONTRACTOR TO ENSURE THAT THE DRAINAGE SYSTEM IS FULLY OPERATIONAL, FREE OF EXCESS DEBRIS/SILT AND ALL IDENTIFIED FAULTS RECTIFIED.

REV	DESCRIPTION	DATE	ISSUED BY	CHECKED BY
C15	FINAL RECORD ISSUE	EH	DN	21/09/22
C14	New drainage features added and MH cover levels updated around school building	EH	DN	09/09/22
C13	Revised drainage for MUGA Pitches	EH	DN	27/07/22
C12	Drainage channel details added and location amended	EH	DN	15/07/22
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C09	Location of pitch manholes revised and Manhole S8.1 removed	NC	EH	28/04/22
C08	CLS amended to suit revised level strategy	EMM	DN	17/02/22
C07	Storage, Flow Controls and SW levels	EMM	DN	26/10/21
C06	Below slab drainage updated	ARJ	EMM	17/09/21
C05	S13 added	ARJ	EMM	12/09/21
C04	Foul drainage & cover levels updated	ARJ	DN	09/09/21
C03	F1.17, F1.18 & Key Legend updated	ARJ	DN	09/09/21
C02	Minor corrections	ARJ	DN	23/07/21
C01	Issued for Construction	ARJ	DN	14/07/21

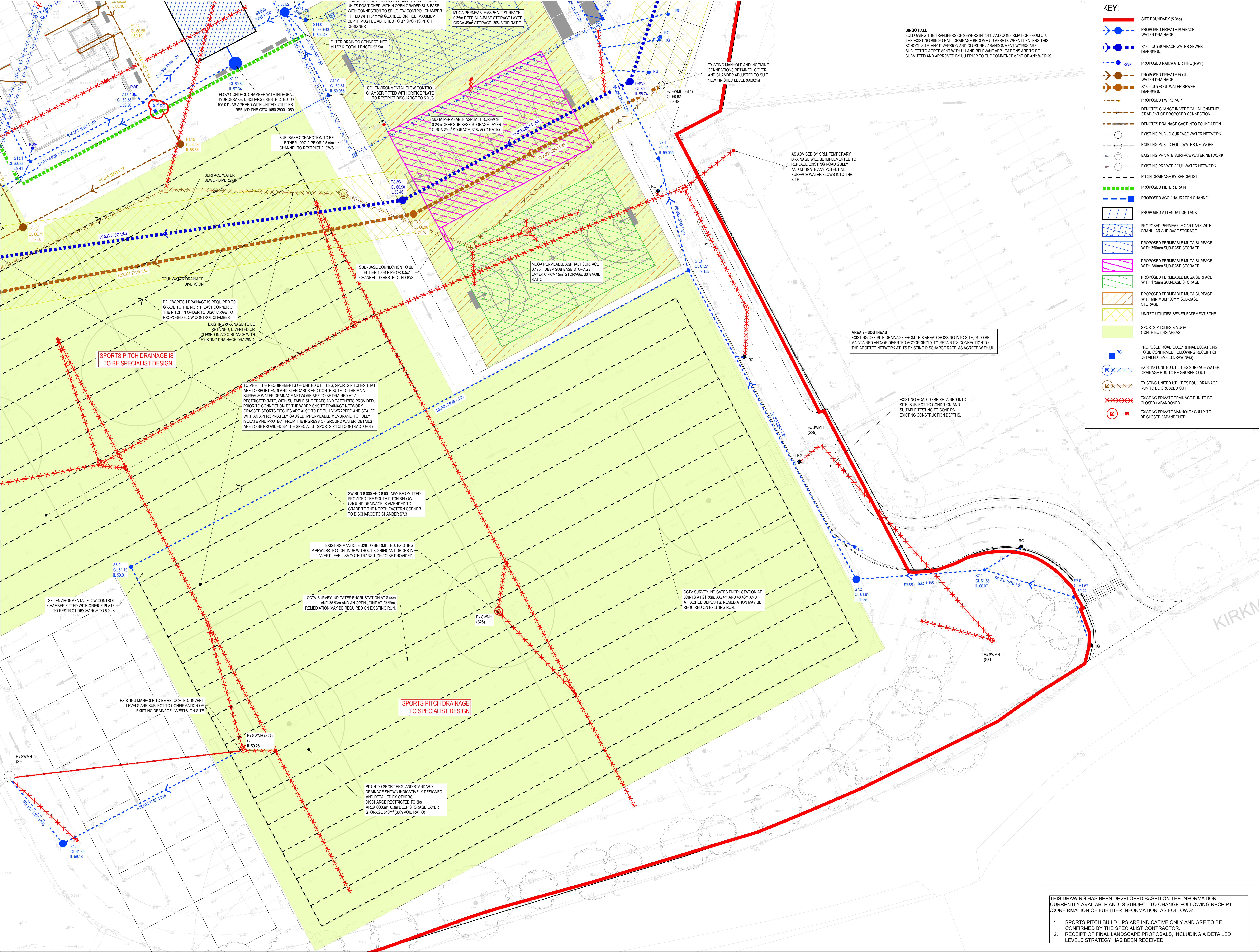
AS BUILT

Chartrange

BELLE VUE CO-OP ACADEMY

SITE WIDE DRAINAGE STRATEGY
GENERAL ARRANGEMENT
SHEET 2 OF 3

SCALE: 1:200 @ A0
DATE: 13/12/22
REVISION: As Built



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2. THIS DRAWING IS BASED ON:

- TOPOGRAPHICAL SURVEY DWS FILE REF: 2020101-001 TO 004 DATED JULY 2020 BY SURVEY OPERATIONS
- FULL UTILITIES SURVEY DWS FILE REF: 0620-ARC-13319 DATED 06/07/2020 BY SITE VISION SURVEYS
- UNITED UTILITIES RECORD MAP (U) REF: UUPS-ORD-175605 DATED 23/07/2020 (PDF)

3. BEFORE STARTING ANY WORKS, CONTRACTOR TO CHECK INVERT LEVELS AND POSITIONS OF EXISTING DRAINAGE, SEWERS, INSPECTIONS CHAMBERS AND MANHOLES AGAINST INFORMATION SHOWN ON DRAWING. ENGINEER TO BE INFORMED IF FOUND DIFFERENT TO NOTED.

4. ROCKER PIPES ARE TO BE PROVIDED AT ALL CONCRETE CASSED INTERFACES.

5. EXTERNAL DRAINAGE OUTSIDE BUILDING FOOTPRINT: CLASS 2 CONCRETE SURROUND TO BE PROVIDED FOR PIPES WITH COVER LESS THAN 1.2m ABOVE THE CROWN OF THE PIPE FOR ROADS AND 0.8m FOR SOFT AND PEDESTRIAN AREAS ONLY AND UNDER ALL FOUNDATIONS AND WHERE PIPES LAID WITHIN 1m OF FOUNDATIONS.

6. CONNECTIONS TO EXISTING PUBLIC SEWER IN ACCORDANCE WITH UNITED UTILITIES REQUIREMENTS, TO BE APPROVED / AGREED WITH THE WATER AUTHORITY. ALL EXISTING DRAINAGE LEVELS, ESPECIALLY WHERE NEW MANHOLES ON EXISTING RUNS OR NEW CONNECTIONS TO EXISTING MANHOLES ARE PROPOSED, ARE TO BE CONFIRMED PRIOR TO THE COMMENCEMENT OF ANY WORKS ON SITE.

7. DRAWING TO BE READ IN CONJUNCTION WITH EXISTING DRAINAGE DRAWING 00433-BDP-01-ZZ-DR-C-502010.

8. ALL DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY AND IN CONJUNCTION WITH ALL RELEVANT BRITISH STANDARDS, CODES OF PRACTICE AND SEWERS FOR ADOPTION 7TH EDITION AND ADDENDUMS AS APPROPRIATE. ALL DRAINAGE SHALL COMPLY WITH THE TYPICAL DRAINAGE CONSTRUCTION DETAILS AND THE REQUIREMENTS OF BS EN 752.

9. ACCESS COVERS AND FRAMES SHALL COMPLY WITH THE LOADINGS SPECIFIED AND TO BS EN 124 AND KITEMARKED OR IF RECEIVED COVERS ARE SPECIFIED THEN IN ACCORDANCE WITH FACTA ASSOCIATION EQUIVALENT. ALLOW FOR RECESS MANHOLE COVERS TO ACCEPT LANDSCAPE ARCHITECT FINISHES TO ALL NON-ASPHALT EXTERNAL AREAS.

10. THE PROPOSED BUILDING OUTLINES SHOWN ON THIS DRAWING ARE FOR INFORMATION ONLY. REFER TO ARCHITECTS PLANS FOR PRECISE LOCATION SETTING OUT INFORMATION AND DETAILS.

11. FOR SETTING OUT DIMENSIONS OF SSS, SVPS, RWPS, FLOOR GULLY & OTHER DRAINAGE POP UP LOCATIONS, REFER TO ARCHITECTS OR MECHANICAL & ELECTRICAL ENGINEERS DRAWINGS.

12. ALL DRAINAGE PIPEWORK SHOWN SHALL BE 100mm DIAMETER FOU L AND 150mm FOR SURFACE WATER UNLESS NOTED OTHERWISE. ALL DRAINAGE PIPEWORK SHALL BE LAID SLOTT TO SLOTT UNLESS OTHERWISE STATED.

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16. ALL PRIVATE DRAINAGE PIPEWORK FOR FOU L AND SURFACE WATER SYSTEMS HAVE BEEN DESIGNED ON THE BASIS OF UPVC TO BS EN 1401-1, UNLESS NOTED OTHERWISE.

17. CONCRETE ENCASEMENT OF THE PIPEWORK SHALL BE REQUIRED WHERE THE VERTICAL CLEARANCE BETWEEN TWO PIPES CROSSING IS LESS THAN 300mm.

18. WHERE NEW DRAINAGE IS SITUATED WITHIN 5 METRES OF NEW OR EXISTING TREES THE PIPEWORK SHALL BE ENCASED IN CONCRETE TO REDUCE THE RISK OF ROOT INGRESS.

19. ALL DRAINAGE CONNECTING TO THE PUBLIC SEWER NETWORK SHALL NOT COMMENCE UNTIL RECEIPT OF THE APPROVAL FROM THE DRAINAGE AUTHORITY AND SHALL COMPLY WITH REQUIREMENTS USING VITRIFIED CLAY PIPEWORK TO BS EN 295 WITH PLAN SLEEVED OR SOCKETED FLEXIBLE JOINTS SUBJECT TO THEIR APPROVAL.

20. UPON COMPLETION ALL NEW DRAINAGE INSTALLATION TOGETHER WITH ANY EXISTING DRAINAGE RETAINED SHALL BE SETTED AND CCTV SURVEYED UPON COMPLETION. CONTRACTOR TO ENSURE THAT THE DRAINAGE SYSTEM IS FULLY OPERATIONAL, FREE OF EXCESS DEBRIS/SILT AND ALL IDENTIFIED FAULTS RECTIFIED.

REV	DESCRIPTION	DATE	BY	CHECKED	DATE
C15	FINAL RECORD ISSUE	EH	DN	21/09/22	
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C07	Storage, Flow Controls and SW levels	EMM	DN	26.10.21	
C06	Below slab drainage updated	ARJ	EMM	17.09.21	
C05	S13 added	ARJ	EMM	12.09.21	
C04	Foul drainage & cover levels updated	ARJ	DN	09.09.21	
C03	F1.17, F1.18 & Key Legend updated	ARJ	DN	09.09.21	
C02	Minor corrections	ARJ	DN	23/07/21	
C01	Issued for Construction	ARJ	DN	14/07/21	

AS BUILT

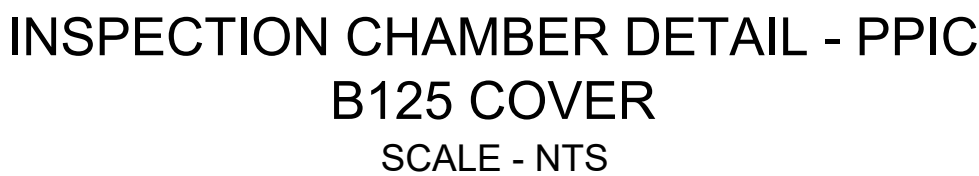
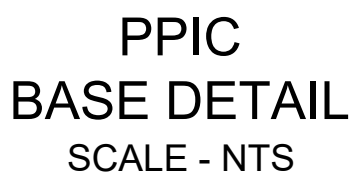
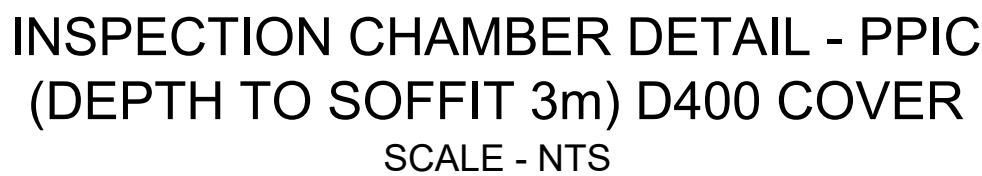
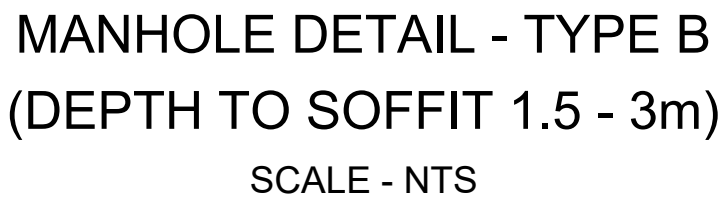
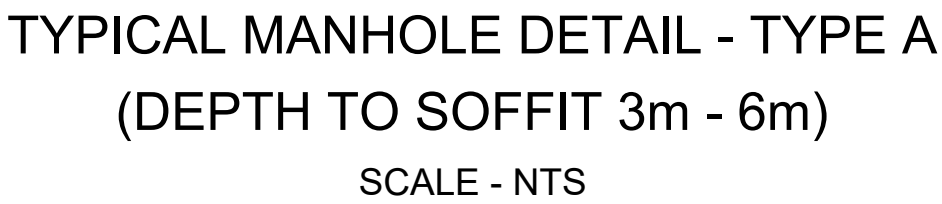
BELLE VUE CO-OP ACADEMY

SITE WIDE DRAINAGE STRATEGY
GENERAL ARRANGEMENT
SHEET 3 OF 3

1:200 @ A0
13/12/22
As Built

THIS DRAWING HAS BEEN DEVELOPED BASED ON THE INFORMATION CURRENTLY AVAILABLE AND IS SUBJECT TO CHANGE FOLLOWING RECEIPT / CONFIRMATION OF FURTHER INFORMATION, AS FOLLOWS:-

1. SPORTS PITCH BUILD UPS ARE INDICATIVE ONLY AND ARE TO BE CONFIRMED BY THE SPECIALIST CONTRACTOR.
2. RECEIPT OF FINAL LANDSCAPE PROPOSALS, INCLUDING A DETAILED LEVELS STRATEGY HAS BEEN RECEIVED.



C03 FINAL CONSTRUCTION ISSUE	EH	DN	21/09/21
C02 Minor corrections	ARJ	DN	23/07/21
C01 Issued for Construction	ARJ	DN	14/07/21

FINAL RECORD NOTE
THIS DRAWING IS BASED UPON CONTRACT DRAWINGS ISSUED BY THE DESIGNERS AND RECORDS THE FINAL DESIGN INFORMATION ISSUED TO THE MAIN CONTRACTOR. CONSTRUCTION MAY HAVE VARIED FROM THE ARRANGEMENTS SHOWN AND TOLERANCE ZONES MAY HAVE BEEN UTILISED DURING CONSTRUCTION. THE COMPOSITION OF THE MATERIAL INDICATED ON THE DRAWING HAS NOT BEEN THE SUBJECT OF A DETAILED SURVEY AND HAS NOT BEEN CHECKED. ANY DIMENSIONS MUST BE CHECKED ON SITE.

CLIENT

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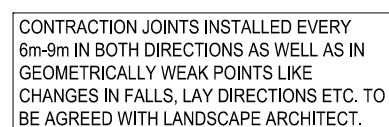
BELLE VUE CO-OP ACADEMY		
REP JOB NUMBER	BD 2021 CLASSIFICATION	
P3001501	COMMERCIAL IN CONFIDENCE	
DRAWING TITLE		SCALE
TYPICAL DRAINAGE DETAILS		As Shown @ A1
SHEET 1 OF 3		DATE
		JUL 21
DRAWING NO.		REVISION
009433-BDP-01-ZZ-DR-C-520301		C03



80mm ASPHALT BASE COURSE TO BS7533-101:2021 CLAUSE 5.2 AC 32 DENSE (100/150) CONFORMING TO BS EN 13108-1 TO BE INCORPORATED ABOVE SUB BASE FOR 1B AREAS SUBJECT TO VEHICULAR OVERRUN BY MEMP, AS PER MAINTENANCE STRATEGY



8mm COMPRESSIBLE MATERIAL
WITH SEALANT TO LANDSCAPE
ARCHITECTS SPECIFICATION



TYPICAL CONTRACTION JOINT



1A - VEHICULAR ACCESS & CAR PARKING
HOT ROLLED ASPHALT

POROUS SURFACING (WITH ACRYLIC IF REQUIRED) TO LANDSCAPE ARCHITECT DETAILS



SUB-BASE	TYPE 3 OPEN GRADED GRANULAR SUBBASE	N/A	MINIMUM 100mm - 350mm	5% W/O D RATIO (REFER TO DRAINAGE GA FOR EXACT DEPTHS OF SUBBASE)
MEMBRANE LAYER	IMPERMEABLE MEMBRANE 200g VISQUEEN	N/A	-	TO BE LAPPED, TAPED AND SEALED ACCORDINGLY

NOTE:

1. SPORTS PITCHES TO BE TO SPORT ENGLAND STANDARDS.
2. DISCHARGE FROM SPORTS PITCH LIMITED TO 5% (PER PITCH).
3. OPEN GRADED STONE ATTENUATION LAYER TO BE PROVIDED, DEPTH TO BE CONFIRMED.
4. SPORTS PITCHES TO BE WRAPPED IN AN APPROPRIATELY GRADED IMPERMEABLE MEMBRANE, IN ACCORDANCE WITH UU REQUIREMENTS.
5. ALL SPORTS PITCH DETAILS TO BE CONFIRMED BY SPECIALIST CONTRACTORS.



LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE		SEED MIX TURFING	N/A		TO LANDSCAPE ARCHITECTS SPECIFICATION
TOPSOIL		CLASS 5A OR 5B	N/A	150mm	
FILL		GENERAL FILL MATERIAL	N/A	300mm	FREE FROM CONTAMINATION



LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	1105	DENSE MACADAM SURFACE COURSE AC 8 MED SURF	102220 PEN	20mm	PD 6691 TABLE B.1.6
BINDER COURSE	1105	DENSE MACADAM BINDER COURSE AC 20 DENSE BIN	102220 PEN	50mm	PD 6691 TABLE B.1.1
SUB-BASE	803	GRANULAR SUB-BASE TYPE 1	N/A	150mm	

BUILD UPS FOR ISOLATED IMPERVEABLE PARKING BAYS TO BE THE ABOVE MATERIALS BUT SURFACE COURSE TO BE 30mm, BINDER COURSE TO BE 80mm AND SUB-BASE TO BE 225mm THICK



LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	1105	DENSE MACADAM SURFACE COURSE AC 6 MED SURF	160/220 PEN	30mm	PD 6691 TABLE 8.16
BINDER COURSE	1105	DENSE MACADAM BINDER COURSE AC 20 DENSE BN	160/220 PEN	60mm	PD 6691 TABLE 8.11
SUB-BASE	803	GRANULAR SUB-BASE TYPE 1	N/A	225mm	

*IF FOOTPATH TO ENCOUNTER REGULAR USE BY VEHICLES, BINDER COURSE TO BE REDUCED TO 50mm, WITH THE ADDITION OF A 75mm THICK AG BASE COURSE

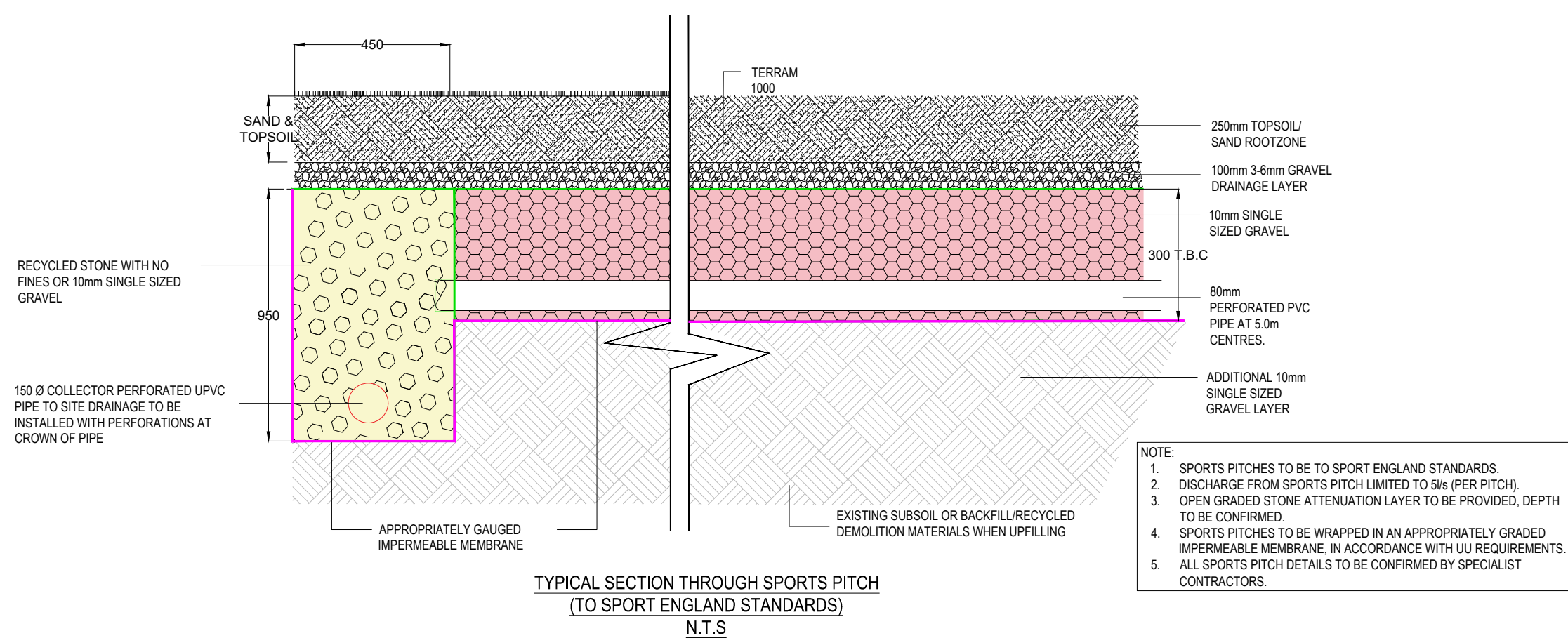


TABLE A- FOUNDATION THICKNESS			
CBR VALUE	SUB-BASE ONLY (mm)	SUB-BASE ON CAPPING	
		SUB-BASE (mm)	CAPPING (mm)
2.50%	450	350	250
3	415	325	240
4	365	275	225
5	325	245	210
6	310	230	205
7	290	215	190
8	270	200	185
9	255	185	180
10	245	175	175
11	235	170	165
12	225	165	160
13	220	160	155
14	210	155	150
>15%	200	150	145

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1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM.
4. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH SPECIFICATION ARCHITECTS HARD LANDSCAPE PLAN DRAWING - 01-XXX-DRL-910013
5. THE ARCHITECT IS TO SPECIFY FINISHED SURFACE MATERIAL. UNLESS TO COMPLY WITH ELEMENT DETAILS SHOWN ON 01-XXX-DRL-910013 AND THE REQUIREMENTS OF BS 7533.
6. THE ARCHITECT IS TO SPECIFY THE LEVELS AND FALLS REQUIRED.
7. PAVING AND KERB TYPES ARE TO ARCHITECT SPECIFICATION.
8. PAVING NOT TO BE TRAFFICKED UNTIL ANY CBGM HAS ACHIEVED ITS 28 DAY STRENGTH.
9. ALL MATERIAL WITHIN 450MM OF THE ROAD SURFACE SHOULD BE NON FOSTER SUSCEPTIBLE.
10. SUB-BASE TO TYPE 1 IN ACCORDANCE WITH CLAUSE 803 OF THE SHW.
11. JOINT WIDTHS TO BE CONFIRMED BY THE LANDSCAPED ARCHITECT. PROPRIETARY MORTAR JOINTS (STENTEC TUFFBOND JOINTING MORTAR) ACHIEVING A MINIMUM COMPRESSIVE STRENGTH OF 40N/mm2 LAYING TO BE CARRIED OUT AS MANUFACTURERS REQUIREMENTS.
12. BEDDING MORTAR THICKNESS TO BE AS SPECIFIED. PROPRIETARY BINDER (STENTEC TUFFBED 2 PACK BEDDING MORTAR) TO ACHIEVE A MINIMUM COMPRESSIVE STRENGTH OF 40N/mm2 LAYING TO BE CARRIED OUT AS THE MANUFACTURERS REQUIREMENTS.
13. STENTEC TUFFBOND PRIMING MORTAR TO BE APPLIED TO THE UNDERSIDE OF THE PAVING SETTS AND ANY CBGM BASE TO ENSURE A GOOD BOND.
14. WHEN PREPARING FORMATIONS, ALL SOFT SPOTS SHALL BE REMOVED. THE FINAL SURFACE OF ALL FORMATIONS SHALL BE WELL ROLLED, SMOOTH, FREE FROM MOVEMENT UNDER COMPACTION PLANT AND FREE FROM RIDGES, CRACKS, TUCKS, MATERIALS, AND OTHER DEFECTS. TO BE APPROVED BY CLERK OF WORKS
15. CBRS TO BE TAKEN AT REGULAR INTERVALS ACROSS THE SITE. TO BE AGREED WITH THE ENGINEER PRIOR TO COMMENCEMENT OF PAVING WORKS.

C07	FINAL RECORD ISSUE	EH	DN	21/09/2
C06	MUGA DETAIL REVISED	EH	DN	27/07/2
C05	FLAG ON EDGE DETAIL ADDED	EH	DN	11/07/2
C04	SPOUT PITCH BUILD UP ADDED	EH	DN	27/05/2
C03	MUGA BUILD UP REVISED	EH	DN	25/05/2
C02	1B PEDESTRIAN BUILD-UPS REVISED	EH	DN	10/05/2
C01	CONSTRUCTION ISSUE	NC	DN	03/03/2
-	FIRST	EW	LJ	30/04/2

REVISION	DESCRIPTION	DRAWN	CHECKED	DATE
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FINAL RECORD NOTE

THIS DRAWING IS BASED UPON CONTRACT DRAWINGS ISSUED BY THE DESIGNERS AND RECORDS THE FINAL DESIGN INFORMATION ISSUED TO THE MAIN CONTRACTOR. CONSTRUCTION MAY HAVE VARIED FROM THE ARRANGEMENTS SHOWN AND TOLERANCE ZONES MAY HAVE BEEN UTILISED DURING CONSTRUCTION. THE COMPOSITION OF THE MATERIAL INDICATED ON THE DRAWING HAS NOT BEEN THE SUBJECT OF A DETAILED SURVEY AND HAS NOT BEEN CHECKED. ANY DIMENSIONS MUST BE CHECKED ON SITE.

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PROJECT TITLE
HYDE ROAD SCHOOL

ROP JOB NUMBER P3001502	ISO 27001 CLASSIFICATION COMMERCIAL IN CONFIDENCE
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DRAWING TITLE CONSTRUCTION BUILD UPS	SCALE As noted @ A
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	DATE
	30/04/21

009433-BDP-01-XX-DR-C-520304

C07

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