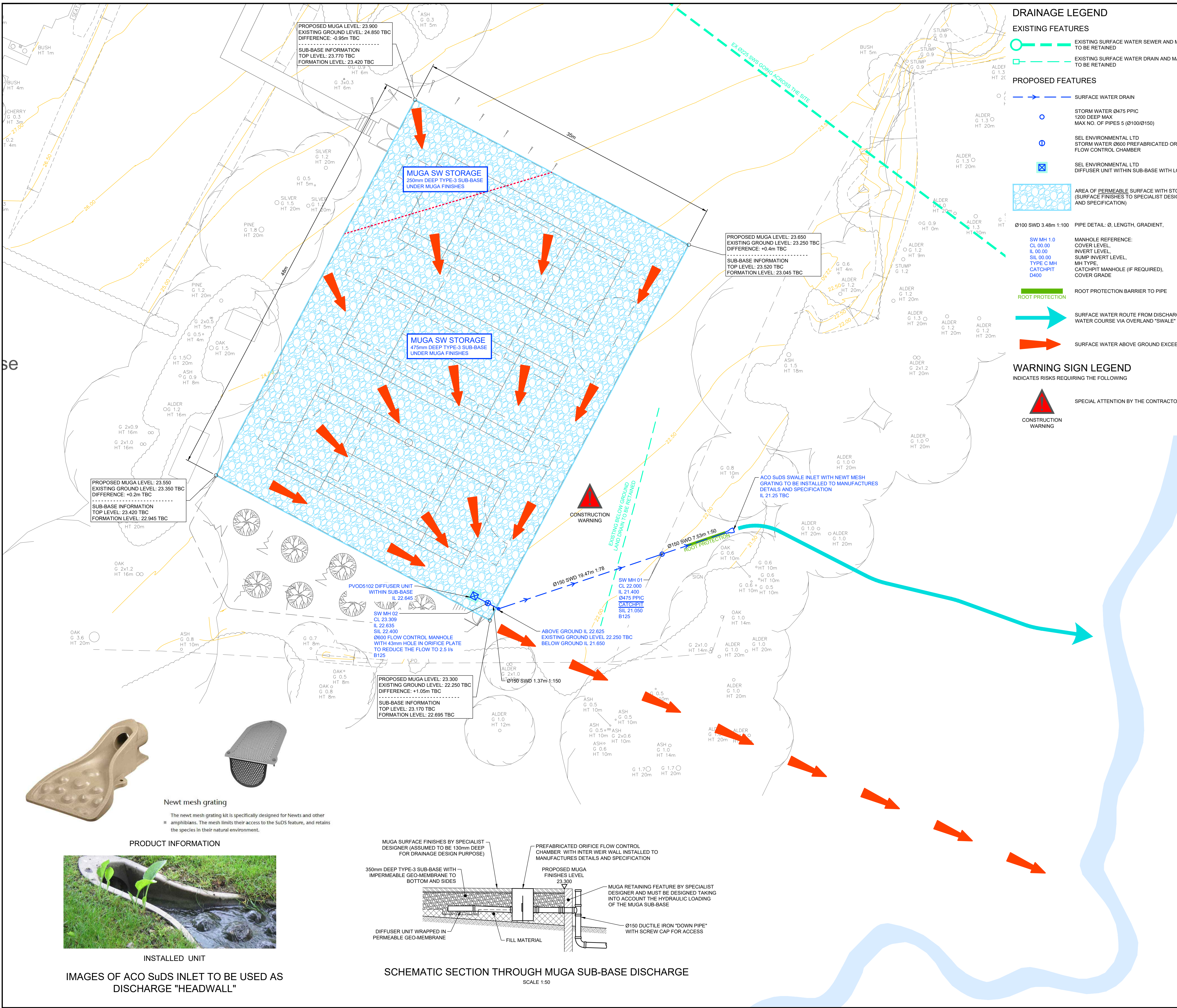




DRAINAGE LEGEND

EXISTING FEATURES

- EXISTING SURFACE WATER SEWER AND MANHOLE TO BE RETAINED
- EXISTING SURFACE WATER DRAIN AND MANHOLE TO BE RETAINED

PROPOSED FEATURES

- SURFACE WATER DRAIN
- STORM WATER 0475 PPIC 1200 DEEP MAX MAX NO. OF PIPES 5 (Ø100/Ø150)
- SEL ENVIRONMENTAL LTD STORM WATER 0600 PREFABRICATED ORIFICE FLOW CONTROL CHAMBER
- SEL ENVIRONMENTAL LTD DIFFUSER UNIT WITHIN SUB-BASE WITH LOCAL DEPENDING

AREA OF PERMEABLE SURFACE WITH STORAGE SUB-BASE (SURFACE FINISHES TO SPECIALIST DESIGNERS DETAILS AND SPECIFICATION)

Ø100 SWD 3.48m 1:100 PIPE DETAIL: Ø, LENGTH, GRADIENT,

MANHOLE REFERENCE: COVER LEVEL, INVERT LEVEL, SUMP INVERT LEVEL, MH TYPE, CATCHPIT MANHOLE (IF REQUIRED), COVER GRADE

ROOT PROTECTION BARRIER TO PIPE

SURFACE WATER ROUTE FROM DISCHARGE TO WATER COURSE VIA OVERLAND "SWALE"

SURFACE WATER ABOVE GROUND EXCEEDANCE ROUTE

WARNING SIGN LEGEND

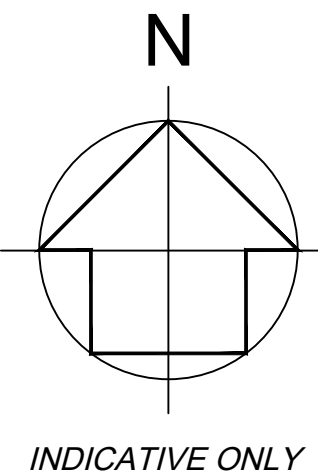
INDICATES RISKS REQUIRING THE FOLLOWING

- SPECIAL ATTENTION BY THE CONTRACTOR
- CONSTRUCTION WARNING

NOTES:

- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
- ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
- FOR CONSTRUCTION DETAILS REFER TO THE RELEVANT BAKER AND ASSOCIATES (BAK) DRAWING NUMBERS LISTED ON THE DRAWING ISSUE SHEET.
- ALL DRAINAGE WORKS SHOULD COMMENCE AT THE PROPOSED DOWNSTREAM CONNECTION POINT. THE WORKS CONTINUING UPSTREAM FOLLOWING CONFIRMATION OF THE TIE-IN INVERT LEVELS TO THE ENGINEER. CONNECTIONS TO MANHOLES OR LARGER SIZED PIPES ETC. SHOULD BE SOFFIT TO SOFFIT UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER. IF THIS IS NOT POSSIBLE INFORM THE ENGINEER IMMEDIATELY.
- COVER LEVELS SHOWN ARE APPROXIMATE. COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS.
- ALL OTHER UN-REFERENCED PIPES ARE ASSUMED TO BE 100mm DIA
 - SW MIN GRADIENT - 1 IN 100 (100 DIA)
 - SW MIN GRADIENT - 1 IN 150 (150 DIA)
- ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT PART-H, AND TO THE SATISFACTION OF THE BUILDING CONTROL INSPECTOR.
- WHERE DRAINS PASS THROUGH FOUNDATIONS OR CONNECT TO MANHOLES, A FLEXIBLE PIPE JOINT SHOULD BE PROVIDED TO FORM A ROCKER PIPE IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED.
- SHALLOW PRIVATE DRAINS MAY REQUIRE PROTECTION USING CLASS 2 CONCRETE SURROUND OR PAVING SLABS BRIDGING THE TRENCH SUBJECT TO THE NMBC INSPECTOR'S REQUIREMENTS.
- WHERE DRAINAGE RUNS PASS CLOSE TO BUILDINGS OR THEIR INVERT LEVELS ARE BELOW FOUNDATION LEVEL, THEN THE TRENCHES ARE TO BE BACK FILLED IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED.
- REFERENCE SHOULD BE MADE TO THE STRUCTURAL ENGINEERS DETAILS FOR ALL ASPECTS OF FOUNDATION DESIGN AND CONSTRUCTION.
- THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS MADE ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE. NO DIMENSIONS ARE TO BE SCALED FROM THESE DRAWINGS.
- IT IS THE CONTRACTORS/SUBCONTRACTORS RESPONSIBILITY TO ENSURE COMPLIANCE WITH THE CURRENT BUILDING REGULATIONS AND CODES OF PRACTICE.
- ALL REDUNDANT DRAINAGE TO BE ABANDONED ONCE THE CONTRACTOR HAS SATISFIED HIMSELF THAT NO CONNECTIONS REMAIN LIVE. REDUNDANT DRAINAGE TO BE GRUBBED OUT.
- ALL BELOW GROUND CONCRETE TO ACCORD WITH BS5328:1997:SULPHATE CLASS TBA
- IF ANY SUB SOIL DRAINAGE SYSTEMS ARE UNCOVERED DURING THE WORKS CONTACT THE ENGINEER FOR INSTRUCTIONS. GENERALLY SUB SOIL DRAINS AFFECTED ARE TO BE DIVERTED AROUND NEW WORKS AND CONNECTED INTO THE SURFACE WATER DRAINAGE SYSTEM. PIPE DIAMETERS AND GRADIENTS ARE TO BE MAINTAINED.

IMPORTANT NOTE: CAUTION
ALL INFORMATION SHOWN ON THIS DRAWING FOR UNDERGROUND SERVICES/STATUTORY UNDERTAKERS' PLANT IS APPROXIMATE AND IS PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY. IT SHOULD NOT BE RELIED ON FOR EXCAVATION OR ANY OTHER WORKS PURPOSES AND CONTRACTORS MUST SATISFY THEMSELVES OF THEIR LOCATIONS PRIOR TO THE COMMENCEMENT OF WORKS.



P03	10.03.22	OVERLAND ROUTES ADDED	SB
P02	18.02.22	OUTFALL LOCATED REVISED	SB
P01	15.12.21	FIRST ISSUE	SB
REV	DATE	DESCRIPTION	ISSUED

CLIENT
SYNTHETIC TURF MANAGEMENT LTD
ARCHITECT
MICHAEL HEALY LIMITED

PROJECT TITLE
PROPOSED MUGA AT
THE KING'S SCHOOL
FAIR OAK

DATE OF FIRST ISSUE	SCALE @ A1	SCALE @ A3
NOV 2022	1:200	1:400
PROJECT TECHNICIAN / ENGINEER	PROJECT LEAD ENGINEER	
M.LOADER	S.BAKER	

DRAWING TITLE
SURFACE WATER DRAINAGE
GENERAL ARRANGEMENT

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DRAWING NUMBER
P1810-BAK-XX-XX-DR-C-0501

PROJECT STATUS
PRELIMINARY
REVISION
P03