



Key

- Phase 1 permeable macadam zone
- Phase 2 permeable macadam zone
- Phase 1 surface water drain
- Phase 2 surface water drain
- Phase 1 foul water drain
- Phase 2 foul water drain

NOTE
Drainage to phase 2 is indicative to show the design intent. All details are subject to detail design once architectural information is available

NOTE
Surface levels are assumed based on existing level in order to design the drainage. Prior to installation of the drainage the finished levels are to be confirmed by the architect.

CDM SYMBOL KEY

- ▲ WARNING OF SIGNIFICANT RISK
- ⊘ PROHIBITED ACTION
- PARTICULAR ACTION ENCOURAGED
- ⓘ CDM INFORMATION

- DRAINAGE**
1. THIS DRAWING USES THE ARCHITECTURAL DRAWING AS A BACKGROUND. THE CONTRACTOR SHOULD USE ARCHITECTURAL DRAWINGS FOR SETTING OUT OF ALL POP-UPS AND ABOVE GROUND DRAINAGE POSITIONS.
 2. REFERENCE SHOULD BE MADE TO ALL OTHER DRAINAGE DRAWINGS PROVIDED BY SWF CONSULTING WHICH GIVES CONSTRUCTION DETAILS.
 3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE DRAINAGE SPECIFICATION PREPARED FOR THIS PROJECT.
 4. THE DESIGN OF THE PIPES HAS BEEN BASED ON THE FOLLOWING:
 - a. 1000 FOUL WATER PIPE: WAVIN OSMADRAIN
 - b. 1500 OR LARGER FOUL WATER PIPE: WAVIN ULTRARIB
 - c. 1500 OR LARGER SURFACE WATER PIPE: WAVIN TWINWALL.
 ALTERNATIVE PRODUCTS MAY BE USED WITH PRIOR APPROVAL FROM SWF CONSULTING.
 5. THE EXACT LOCATION OF THE OUTFALL PIPE/MANHOLE IS TO BE CHECKED AND CONFIRMED TO SWF CONSULTING PRIOR TO COMMENCEMENT OF ANY DRAINAGE WORKS.
 6. REFERENCE SHOULD BE MADE TO ANY CCTV SURVEY, SEWER RECORDS WHICH INDICATE THE EXISTING DRAINAGE SYSTEMS.
 7. ON COMPLETION OF THE CONTRACT, THE PIPES AND OIL SEPARATOR SHALL BE JET CLEANED TO REMOVE ANY SILT OR CONSTRUCTION DEBRIS AND A CCTV SURVEY SHOULD BE UNDERTAKEN.
 8. ONCE THE AS-BUILT SURVEY HAS BEEN COMPLETED A COPY OF THE SURVEY LOGS SHOULD BE ISSUED TO SWF CONSULTING TOGETHER WITH THE VIDEO FOOTAGE FOR THEIR COMMENT WITH DUPLICATE COPIES BEING ISSUED TO THE CDM CO-ORDINATOR FOR INCLUSION IN THE HEALTH & SAFETY FILES.
 9. COVER LEVELS ARE INDICATIVE AND MAY NEED TO BE ADJUSTED TO SUIT THE ACTUAL FINISHED LEVELS OF THE EXTERNAL AREAS.
 10. GRADIENTS INDICATED ON PIPES ARE MINIMUM GRADIENTS REQUIRED. HOWEVER, MANHOLE INVERT LEVELS ARE TO TAKE PRECEDENCE OVER THESE GRADIENTS.
 11. POSITIONS OF MANHOLES, GULLIES AND DRAINAGE ARE TO BE SET OUT BY THE CONTRACTOR TO AVOID WHITE LINING DELINEATING CAR PARKING AREAS, KERB LINES ETC.

Rev	Date	Description	By	Chkd
P03	21.07.23	S1: Phase 2 strategy altered to connect further down stream, and to include flow control and attenuation.	DR	PSS
P02	11.07.23	S1: Phase 2 detail updated to suit new classroom block proposals. Phase 1 drainage updated to suit current temporary building details and to divert the around the proposed phase 2 classroom block.	DR	PSS
P01	19.05.23	S1: Issued for Coordination	DR	PSS

Project
LEA GATE PRIMARY SCHOOL
GREAVES TOWN LANE, LEA
PRESTON

Client
LANCASHIRE COUNTY COUNCIL

Drawing Title
DRAINAGE
OVERALL DRAINAGE STRATEGY

Project - Originator - Func. - Spat. - Form - Disc. - Number
9378-SWF-XX-XX-D-C-1102

Scale	1:	@ A1	Date	MAY 2023	By	DR	Chkd	PSS
Suitability Status	S1: SUITABLE FOR COORDINATION	Revision	P03	Classification	PM_40_40			

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