

IMPORTANT NOTES

AT COMMENCEMENT OF THE PROJECT AND PRIOR TO ANY CONSTRUCTION WORKS, THE CONTRACTOR IS TO ESTABLISH THE EXISTING BELOW GROUND DRAINAGE LAYOUT AND DETAILS AS SHOWN IS TO BE CORRECT, INCLUDING ANY ASSUMED ROUTES. THE METHODOLOGY FOR UNDERTAKING THIS ACTIVITY IS TO INCLUDE, BUT NOT BE LIMITED TO, THE CLEARING / JETTING OF ALL DRAINAGE PRIOR TO UNDERTAKING CCTV AND GPR SURVEY TECHNIQUES.

ALL RECORDS INCLUDING ANY DISCREPANCIES ARE TO BE NOTIFIED TO S&W ENGINEER.

THE EXISTING BELOW GROUND DRAINAGE THAT IS TO BE RETAINED AS PART OF THE CONSTRUCTION SURFACE WATER MANAGEMENT PLAN (CSWMP) IS TO BE PROTECTED AND MAINTAINED THROUGHOUT THE DURATION OF THE CONSTRUCTION CONTRACT OR UNTIL SUCH A TIME THAT THE PROPOSED SURFACE WATER DRAINAGE SYSTEM AND CONNECTION TO THE ULTIMATE OUTFALL FROM SITE IS ESTABLISHED.

THE EXISTING BELOW GROUND DRAINAGE THAT IS RETAINED AND PROPOSED SURFACE WATER DRAINAGE THAT IS TO BE UTILISED DURING THE CONSTRUCTION CONTRACT TO DRAIN HARD SURFACING IS TO INCLUDE FOR ALL NEW SILT REMOVAL PRIOR TO BEING DISCHARGED OFF SITE.

WHERE EXISTING BELOW GROUND SW DRAINAGE IS NOTED AS BEING RETAINED THROUGHOUT THE CONSTRUCTION PERIOD ONLY, THIS DRAINAGE IS TO BE REMOVED PRIOR TO COMPLETION ON THE CONTRACT ONCE THE PROPOSED DRAINAGE TO THE RELEVANT CATCHMENT AREAS HAS BEEN COMMISSIONED.

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SLEATER & WATSON DRAWINGS AND SPECIFICATIONS ALONG WITH ALL ARCHITECTURAL AND MECHANICAL & ELECTRICAL ENGINEERING CONTRACT DOCUMENTS.
- THE MATERIALS AND WORKMANSHIP OF ALL RELEVANT TRADES AND BUILDING OPERATIONS SHALL COMPLY WITH THE RECOMMENDATIONS SET IN CURRENT BRITISH STANDARDS AND CODES OF PRACTICE.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ALL THE TEMPORARY WORKS, PROPPING AND SHORING.
- ALL DIMENSIONS ARE SHOWN IN MILLIMETRES UNLESS NOTED OTHERWISE. DIMENSIONS MUST BE SCALED, USE ANNOTATED DIMENSIONS ONLY.
- ALL LEVELS ARE SHOWN IN METRES AND RELATE TO ORDNANCE DATUM.
- DRAINAGE DESIGN AND CONSTRUCTION TO BE IN ACCORDANCE WITH BUILDING REGULATIONS APPROVED DOCUMENT H RE EX D200 - GRAVITY DRAINAGE SYSTEMS INSIDE BUILDINGS BS EN 752 - DRAIN AND SEWER SYSTEMS OUTSIDE BUILDINGS BS EN 753 - CONSTRUCTION AND TESTING OF DRAINS AND SEWERS WATER UK - SEWERAGE SECTOR GUIDANCE VERSION 2.2. CHECK THE SUEM MANUAL (2020)
- THE CONTRACTOR IS TO CHECK THE CONDITION OF ALL EXISTING DRAINAGE DETAILS TO CONFIRM THEY ARE IN GOOD WORKING ORDER AND THE LEVELS SHOWN ON THIS DRAWING ARE ACCURATE PRIOR TO COMMENCEMENT OF ANY WORK OR DURING WEEK ONE OF THE CONTRACT PROGRAMME. SLEATER & WATSON LLP ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES.
- ALL AREAS THAT ARE TO BE REMOVED FROM SITE SHALL BE SUPPOSED OF AT A LICENSED WASTE DISPOSAL SITE. WHERE NECESSARY TEST CERTIFICATES FOR AREAS CONTAINING CONTAMINANTS SHOULD BE SUBMITTED TO THE LICENSED WASTE DISPOSAL SITE FOR APPROVAL AND ACCEPTANCE AS SOON AS IS PRACTICALLY POSSIBLE.
- ALL PROPOSED DRAINAGE DETAILS ARE TO BE CONSTRUCTED TO THE COMPLETE SATISFACTION OF THE PROJECT'S BUILDING CONTROL OFFICER.
- FOR FURTHER GENERAL NOTES IN RESPECT TO THE PROPOSED DRAINAGE FEATURES, REFER TO DRAWING NUMBER 22/016/100.

DRAINAGE KEY

EXISTING XXXD	EXISTING FOUL WATER DRAIN (PIPE DIAMETER)
XXXXD 1000X	PROPOSED FOUL WATER DRAIN (PIPE DIAMETER & GRADIENT)
EXISTING XXXD	EXISTING SURFACE WATER DRAIN (PIPE DIAMETER)
XXXXD 1000X	PROPOSED SURFACE WATER DRAIN (PIPE DIAMETER & GRADIENT)
○	FOUL WATER MANHOLE
○	SURFACE WATER MANHOLE
⊙	BACKCROP MANHOLE
RE	RODDING EYE
RWP	RAINWATER PIPE
SS	STUB STACK TO REST BEND FOR SOIL OR SOIL & SEWAGE
RG	ROAD GULLY
—	RISING MAIN
—	DRAINAGE TO BE REMOVED / CAPPED / GRUBBED-UP
→	SW SURFACE FLOW ROUTE DIRECTIONAL ARROW

- SITE DRAINAGE STRATEGY**
- EXISTING DRAINAGE:**
BEFORE WORKS BEGIN, ALL EXISTING DRAINAGE INLETS WILL BE IDENTIFIED AND MARKED. WHERE THESE ARE TO BE RETAINED THEY WILL BE PROTECTED USING (E.G. SILT SOCKS / SAND BAGS) TO PREVENT CONSTRUCTION DEBRIS ENTRY.
- SEDIMENT AND POLLUTION CONTROL**
- SILT MANAGEMENT**
SILT FENCING: WILL BE INSTALLED AROUND ALL SOIL STOCKPILES TO PREVENT WASH-OFF DURING RAIN EVENTS.
GULLY PROTECTION: ALL NEWLY INSTALLED AND EXISTING GULLIES WILL BE FITTED WITH GEOTEXTILE 'HATS' OR FILTERS TO TRAP SEDIMENT.
PLANT NAPPIES: ALL STATIC PLANT AND REFUELLING EQUIPMENT WILL BE PLACED ON ABSORBENT PLANT NAPPIES OR DRIP TRAYS.
- CONCRETE AND CHEMICAL MANAGEMENT**
CONCRETE WASHOUT: A DESIGNATED, LINED WASHOUT SKIP WILL BE USED. NO CONCRETE TRUCK WASHING IS PERMITTED DIRECTLY ON THE GROUND.
FUEL STORAGE: ALL FUELS WILL BE STORED IN DOUBLE-BUNDED TANKS WITHIN A DESIGNATED COSHH AREA LOCATED AT LEAST 10 METRES AWAY FROM ANY DRAINAGE POINT.
- EMERGENCY RESPONSE**
- SPILL RESPONSE**
IN THE EVENT OF A FUEL OR CHEMICAL LEAK, CONTAIN, USE THE SPILL KITS LOCATED AT THE SITE OFFICE / STORE AND TO BLOCK DRAINAGE ENTRIES. NOTIFY: INFORM THE PROJECT MANAGER AND, IF NECESSARY, THE ENVIRONMENT AGENCY INCIDENT HOTLINE (0800 80 70 60).
- INSPECTION AND MAINTENANCE**
- | ITEM | FREQUENCY | ACTION REQUIRED |
|-----------------|---------------------|--|
| SILT FENCES | WEEKLY / AFTER RAIN | CHECK FOR TEARS OR BYPASS. REMOVE ACCUMULATED SILT. |
| GULLY FILTERS | DAILY | ENSURE FILTERS ARE NOT BLOCKED, REPLACE IF SATURATED WITH SILT. |
| DISCHARGE POINT | DAILY | INSPECT FOR WATER CLARITY AND SIGNS OF HYDROCARBONS (OIL SHEEN). |
| SPILL KITS | WEEKLY | CHECK CONTENTS ARE COMPLETE AND ACCESSIBLE. |



PROPOSED CONSTRUCTION SURFACE WATER MANAGED PLAN
SCALE 1:125

DRAWING ISSUED FOR DISCHARGE OF PLANNING CONDITIONS

PT	PRELIMINARY ISSUE	14/05/20	MB
REV	AMENDMENTS	DATE	NOTES
PRELIMINARY			
Sleater & Watson			
Consulting Civil & Structural Engineers. Ribble House, Meanygate, Barnor Bridge, Preston PR5 6UP Telephone: 01772 821044 E-mail: admin@sleaterwatson.co.uk Website: www.sleaterwatson.co.uk			
BAE SYSTEMS			
PROJECT			
MODULAR BUILDING, (CEB REPLACEMENT), BAE SYSTEMS, SAMLESBURY.			
TITLE			
PROPOSED CONSTRUCTION SURFACE WATER MANAGEMENT PLAN.			
DRAWN	CHECKED	DATE	PROJECT NO
MB	GJW	MAY 2020	225011
SCALE	SCALE		
1:125	1:125		
ORG No: CEB-SAW-XX-00-52-DR-C-5230-S0-P1			