

OVERFLOW FROM IMPERMEABLE LINED SWALE NEXT TO CANAL

PROPOSED PUMP UNIT & ASSOCIATED INFRASTRUCTURE DESIGNED IN ACCORDANCE WITH BS EN 752. SUBJECT TO SPECIALIST DESIGN TO DISCHARGE SURFACE WATER AT RATE OF 7L/s. HIGH & LOW LEVEL ALARM SYSTEMS REQUIRED WITHIN DUTY AND STANDBY PUMP CHAMBERS.

CONNECTION TO EXISTING SURFACE WATER NETWORK

- DESIGN STORM INVERT LEVEL: +26.500m
- EXISTING INVERT LEVEL: +26.000m
- NON-RETURN VALVE FITTED ON OUTFALL NRV OUTFALL FROM PROPOSED NETWORK.
- PROPOSED VORTEX SEPARATOR

DELIVERY SHUT OFF VALVE WITH HYDROCARBON SENSOR TO BE INCORPORATED IN LINE FROM BUND AREA CONNECTING TO THE BMS. UPON ALARMING THE SHUT OFF VALVE NEEDS TO BE CONNECTED AND AUTOMATICALLY ACTIVATED AND ALARMS SENT BACK THROUGH THE BMS TO MONITORING PERSONNEL FOR CLEAN UP OPERATION TO COMMENCE.

FULL RETENTION OIL SEPARATOR (KINGSPAN NSFA030 OR SIMILAR APPROVED)

- ALL INTERCEPTORS TO BE FITTED WITH HIGH LEVEL WARNING.
- ALARM SYSTEM TO BE MEAD 5 ALARM SYSTEM OR SIMILAR TYPE APPROVED.
- SYSTEM TO INCLUDE AN OILSET 1000 ALARM DEVICE OR SIMILAR TYPE APPROVED.
- SYSTEM WILL INCLUDE AN IP54 RATED CONTROL PANEL MOUNTED IN OUTSIDE KIOSK.
- ALARM SYSTEM SHALL BE CONNECTED TO THE SITE LAN.

PROPOSED VORTEX SEPARATOR

PROPOSED PUMP UNIT & ASSOCIATED INFRASTRUCTURE DESIGNED IN ACCORDANCE WITH BS EN 752. SUBJECT TO SPECIALIST DESIGN TO DISCHARGE SURFACE WATER AT RATE OF 8L/s. HIGH & LOW LEVEL ALARM SYSTEMS REQUIRED WITHIN DUTY AND STANDBY PUMP CHAMBERS.

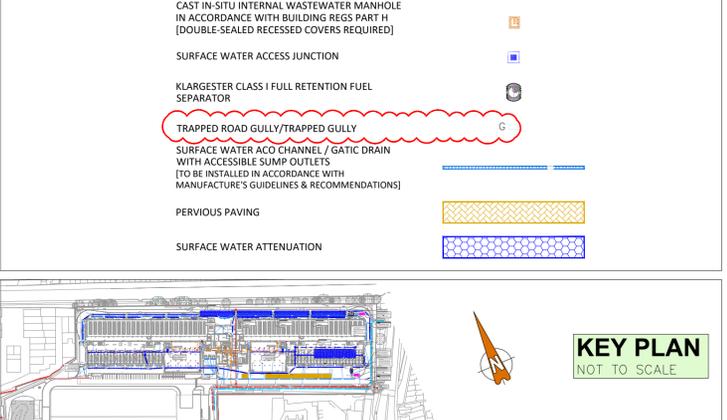
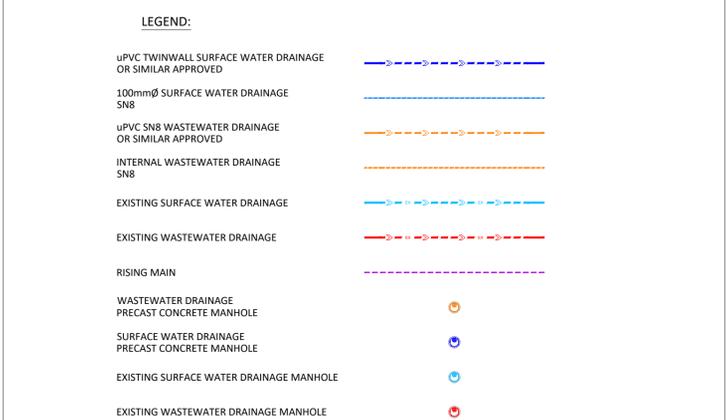
CONNECTION TO EXISTING SURFACE WATER NETWORK

- DESIGN STORM INVERT LEVEL: +26.500m
- EXISTING COVER LEVEL: +27.700m
- EXISTING INVERT LEVEL: +26.107m
- NON-RETURN VALVE FITTED ON OUTFALL NRV OUTFALL FROM PROPOSED NETWORK.
- RISING MAIN DISCHARGE STAND-OFF MANHOLE

EXISTING DRAINAGE UPDATED BASED ON UTILITY SURVEY PROVIDED BY COLLEN

GENERAL NOTES:

- ALL NOTED LEVELS ARE TO ORDNANCE DATUM.
- REFER TO ARCHITECT'S LAYOUT FOR ALL SET-OUT INFORMATION.
- REFER TO ARCHITECT / LANDSCAPE ARCHITECT'S DESIGN DRAWINGS FOR DETAILS OF PROPOSED SURFACE FINISHES AND LANDSCAPING (INCLUDING GREEN ROOFS).
- ALL DRAINAGE COVER LEVELS ARE TO BE COORDINATED WITH PROPOSED ROAD DESIGN LEVELS AND ARCHITECT/LANDSCAPE ARCHITECT'S PROPOSED FINISH LEVELS.
- ALL INTERNAL CHAMBER COVERS TO BE DOUBLE SEALED, AND CLASSIFICATION D400 LOADING WHERE LOCATED IN VEHICULAR AREAS.
- ALL NEW DRAINAGE IS DESIGNED IN ACCORDANCE WITH SEWERS FOR ADOPTION AND BUILDING REGULATIONS PART H. DRAINAGE WASTE DISPOSAL SUBJECT TO RESTRICTIONS IMPOSED BY THE EXISTING BUILDING.
- ALL CONNECTIONS TO NEW DRAINAGE NETWORKS ARE TO BE MADE AT AN ANGLE OF 90° OR IN THE DIRECTION OF FLOW.
- REFER TO ARCHITECT AND M&E ENGINEERING DESIGN DRAWINGS FOR CONFIRMATION OF LOCATION AND SPECIFICATION OF FLOOR GULLIES.
- REFER TO M&E ENGINEERING DESIGN FOR CONFIRMATION OF WASTE AND SANITARY POP-UP/OUTLET LOCATIONS.
- THE CONTRACTOR IS TO VERIFY INVERT LEVEL AT PROPOSED CONNECTION TO EXISTING SEWERS, PRIOR TO ANY OTHER WORKS BEING CARRIED OUT, AND MAKE ANY DISCREPANCIES KNOWN TO THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF PRESENCE OF ALL EXISTING UTILITIES, IF ANY, ALONG ROUTE OF PROPOSED DRAINAGE NETWORKS - BY INTRUSIVE INVESTIGATION OR EQUAL.
- EXISTING PUBLIC SEWER TO BE JET CLEANED AND CCTV SURVEYED PRIOR TO, AND AFTER PROPOSED CONNECTIONS FROM NEW NETWORK. CONTRACTOR TO CONFIRM THE EXISTING MANHOLE LOCATIONS AND INVERTS PRIOR TO COMMENCEMENT. ENGINEER TO BE ADVISED IN WRITING OF ANY DISCREPANCIES FROM INFORMATION SHOWN ON RECORD DRAWINGS.
- ALL NEW DRAINAGE INFRASTRUCTURE TO BE JET CLEANED AND CCTV SURVEYED, WITH ANY NOTED DEFECTS REMEDIATED, ON COMPLETION OF WORKS, TO THE SATISFACTION OF THE LOCAL AUTHORITY.
- SEWERS - SUBJECT TO APPROVAL TO CONNECT (EXISTING THAMES SURFACE AND WASTEWATER)
- THE INTEGRITY OF THE EXCAVATIONS IS TO BE MAINTAINED BY THE CONTRACTOR AT ALL TIMES, REFER TO THE SOIL INVESTIGATIONS REPORT.
- UNDERGROUND SERVICES CO-ORDINATION IS ONGOING - DRAINAGE IS SUBJECT TO CHANGE



FOR FURTHER DESIGN INFORMATION REFER TO DRAWINGS LON1X2-OCS-CZ-ZZ-DR-C-4005 - 4009 [DRAINAGE LONGSECTIONS]

FOR CONSTRUCTION

Yondr is the trading name for Yondr Group Limited, which is registered in the UK under company number 12000046, with its registered office 7th floor, 33 Abgate High Street, London EC3N 1AG

Yondr Group Limited is a subsidiary of Yondr Group Holdings B.V., company number 000041128699, and whose registered office is at Barbara Strozziilaan 101, 1083HN Amsterdam.

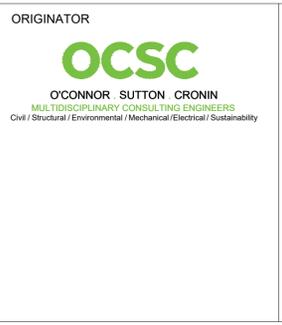
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IPD PARTNERS

ORIGINATOR

OCSC
O'CONNOR SUTTON CRONIN
MULTIDISCIPLINARY CONSULTING ENGINEERS
Civil / Structural / Environmental / Mechanical / Electrical / Sustainability



Rev	Description	Dm	Chk	Date
C6	LEGEND UPDATED AS CLOUDED	MC	DC	14.03.25
C5	GULLIES ADDED AS CLOUDED	RC	DC	13.02.25
C4	LEGEND UPDATED AS CLOUDED	MC	COM	29.01.25
C3	LAYOUT UPDATED	RC	SD	20.12.24
C2	LEGEND UPDATED	COR	COM	05.12.24
C1	CONSTRUCTION ISSUE	COR	COM	08.11.24

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Campus Number & Name
LON1 LONDON ONE

Project
LON1X2 LONDON ONE PHASE THREE

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Drawing Title
PROPOSED DRAINAGE LAYOUT SHEET 3 OF 3

Status Code
A5 - AUTHORISED & ACCEPTED - STAGE 5

Stage
CONSTRUCTION ISSUE

Drawing Number
LON1X2-OCS-CZ-ZZ-DR-C-4002

Rev
C6

Scale @ A1
1 : 250