PROPOSED SURFACE WATER DRAINAGE & FOUL DRAINAGE LEVELS SUBJECT TO CHANGE IN DETAIL DESIGN.

PROPOSED SURFACE WATER DRAINAGE TO DISCHARGE VIA EXISTING WALL PENETRATION CURRENT POSITION SHOWN INDICATIVELY

SWIC4 CL 6.470 IL 5.682
SWIC3 CL 6.650 IL 5.733
SWIC2 CL 7.380 IL 5.781
SWIC1 CL 6.890 IL 5.890
REF 8302
150mm 1:150 (2.002 7.724m)
150mm 1:150 (2.001 7.188m)
150mm 1:150 (2.003 33.804m)
150mm 1:137 (2.000 14.924m)
F3 CL 7.210 IL 6.265
F3a
F4 CL 6.890 IL 6.104
F2 CL 6.800 IL 6.053
F1b
F1a
F1 CL 6.750 IL 6.323
BUILDING FOUNDATIONS FOOTPRINT. ALL BRANCHS FROM RWP AND FOUL OUTLETS TO BE CONFIRMED
EXISTING 225 COMBINED
EXISTING 225 COMBINED
site boundary
EXCB2 CL 6.800 IL 6.030 REF 8301
225 DIA COMBINED SEWER DIVERSION
EX SW DRAIN FROM GULLY ABANDONED UP TO MANHOLE SWMH6
150 DIA EXISTING OUTFALL FROM GULLY REUSED
OUTFALL IL 4.272(interpolated)
SWMH6 CL 6.460 IL 4.973(interpolated)
225mm 1:46 (1.004 11.855m)
SWMH5 CL 6.500 IL 5.306
225mm 1:149 (1.003 8.937m)
SWMH4 CL 6.750 IL 5.366
225mm 1:133 1.002 12.801m
SWMH3 CL 6.777 IL 5.462
225mm 1:150 (1.001 6.883 0
SWMH2 CL 6.780 IL 5.508
REF 8300
225mm 1:150 (1.000 13.27m)
SWMH1 CL 6.730 IL 5.600
1500mm OFFSET TO TIRE WALLS
LPG AREA
LPG TANK ON PLINTH
REFUSE STORE
Wall collapsed in this area
Gravel
Grass
Setts
Earth
Statue
Beach
CPS
EXCB2 CL 6.800 IL 6.030 REF 8299
EXISTING 300 COMBINED

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES, RELATIVE TO ORDNANCE DATUM SURVEY
3. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY.
6. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS TOGETHER WITH THEIR SPECIFICATIONS.
7. DO NOT SCALE FROM THIS DRAWING, ONLY WRITTEN OR CALCULATED DIMENSIONS TO BE USED.
8. FOR GRID SET-OUT COORDINATES REFER TO ARCHITECTS DRAWINGS.

DRAINAGE NOTES

1. ALL NON ADOPTABLE DRAINS UP TO 150 Dia. TO BE TWIN WALL PLASTIC PIPE MANUFACTURED IN ACCORDANCE WITH BS EN 1401-1OR EQUAL APPROVED.
2. ALL ADOPTABLE DRAINS UP TO 300 Dia. TO BE 'POLYSEWER' BY 'POLYPIPE' AND MANUFACTURED IN ACCORDANCE WITH THE WATER INDUSTRY SPECIFICATION WIS-4-35-01.
3. DRAINS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. BACKFILL AND BEDDING TO AS PER TYPICAL DETAIL U.N.O.
4. ALL DRAINS TO BE LAID SOFFIT TO SOFFIT. AND THE EXACT POSITIONS OF ALL DRAINS MAY BE DETERMINED ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY REVISIONS ARE TO BE SUBJECT TO THE APPROVAL OF THE LOCAL BUILDING INSPECTOR.
5. WORKS TO ANY ADOPTED SERVICES ARE TO BE IN ACCORDANCE WITH 'SEWERS FOR ADOPTION' 7th EDITION AND SHOULD BE APPROVED WITH THAMES WATER PRIOR TO COMMENCEMENT.
6. NEW INSPECTION CHAMBERS (IC) TO BE A MINIMUM OF 450mm DIA. ALL MANHOLES (MH) TO BE A MINIMUM OF 1200mm DIA. REFER TO M.H. SCHEDULE FOR ACTUAL SIZES.
7. REFER TO ARCHITECTS DRAWINGS FOR INTERNAL DRAINAGE 'POP UP' POSITIONS.
8. ANY DRAINS PASSING THROUGH SUBSTRUCTURE WALLS TO HAVE A MINIMUM 50mm CLEAR SPACE, RC LINTEL SUPPORT ABOVE & CEMENT FIBRE COLLARS EITHER SIDE TO PREVENT VERMIN ENTRY
9. ANY DRAINS CAST IN & PASSING THROUGH CONCRETE GROUND BEAMS TO HAVE A FLEXIBLE JOINT NOT MORE THAN 150mm FROM THE FACE OF THE GROUND BEAM. (FLEXIBLE JOINT TO MANUFACTURERS DETAILS) AND A MAXIMUM 600mm LONG ROCKER PIPER EITHER SIDE
10. ALL LINES OF DRAINAGE INDICATED ARE PROVISIONAL ONLY. THE EXACT POSITIONS OF ALL DRAINS MAY BE ALTERED TO SUIT AND DETERMINED ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY REVISIONS ARE TO BE SUBJECT TO THE APPROVAL OF THE LOCAL BUILDING INSPECTOR, AN ACCURATE RECORD OF ANY AMENDMENT IS TO BE KEPT BY THE CONTRACTOR.
11. WHERE DRAIN IS WITHIN 1m OF A BUILDING, THE TRENCH IS FILLED WITH CONCRETE UP TO THE UNDERSIDE OF THE FOUNDATIONS.
12. COVER LEVELS SHOWN ARE APPROXIMATE ONLY AND SHOULD BE ALTERED TO SUIT FINISHED SURFACE LEVELS. READ IN CONJUNCTION WITH THE MANHOLE SCHEDULE
13. ALL SOIL AND VENT PIPES TO HAVE LOW LEVEL ACCESS PLATES.
14. ALL BURIED CONNECTIONS TO POP-UPS TO BE 150mm Dia.
15. ALL FLOWS FROM THE SURFACE WATER SYSTEM ARE UNRESTRICTED IN LINE WITH EXISTING FLOOD RISK ASSESSMENT COMPLETED BY THOMASONS DATED 21st JUNE 2019

KEY:

- PROPOSED 1200mmØ SURFACE WATER MANHOLE
- PROPOSED 450mmØ FOUL WATER INSPECTION CHAMBER
- PROPOSED 450mmØ SURFACE WATER INSPECTION CHAMBER
- BD PROPOSED BACKDROP
- YG PROPOSED YARD GULLY
- RELOCATED GULLY POSITION USING EXISTING CONNECTION
- PROPOSED SURFACE WATER NETWORK
- PROPOSED SURFACE WATER LINEAR DRAIN
- PROPOSED FOUL WATER NETWORK
- LENGTH OF NEW COMBINED NETWORK FOLLOWING ABANDONMENT OF EXISTING SECTION
- EXISTING DRAINAGE CHANNEL TO BE ABANDONED
- COMBI EXISTING COMBINED SYSTEM TO BE ABANDONED
- COMBI EXISTING COMBINED SYSTEM TO BE MAINTAINED

Rev	Date	Revision Details	By	Chkd	Appd
P2	02.11.21	PRELIMINARY ISSUE	SAS	EZ	SR
P1	25.02.21	PRELIMINARY ISSUE	EZ	GE	SR

Westlakes Engineering

Client: WHITEHAVEN HARBOUR COMMISSIONERS

Project: THE EDGE, WHITEHAVEN
CUMBRIAS COASTAL ACTIVITIES CENTRE

Title: PROPOSED DRAINAGE GENERAL ARRANGEMENT

Drawing No.: WL_1654_051
Revision: P2

Scale: 1:150 | Date: FEB 2021

Drawn: EZ | Chk: GE | App: SR

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Do not scale this drawing