Filename: Plot Date/Time: 12/02/2024 12:14 PM

K:\PROJECTS\JOBNOS 01301-13000\13274 VILLAGE EASTLEIGH\EH-SG-ZZ-XX-DR-C-2040 DRAINAGE TO OUTDOOR GYM

NEW SURFACE WATER DRAINAGE

NEW FOUL WATER DRAINAGE

PIPE TO BE OF AN ADOPTABLE MATERIAL I.E. CLAY

MONODRAIN PD100D O.D – SUB-BASE OUTFALL ACCESS UNITS INSTALLED ON EITHER SIDE

MONODRAIN PD100D O.D – WITH BESPOKE OUTFALL ACCESS UNITS INSTALLED ON EITHER SIDE

MONODRAIN SIZE VARIES – SUMP OUTFALL

FLOW CONTROL CHAMBER

SURFACE WATER ATTENUATION TANK

SURFACE WATER CABION OUTFALL

SURFACE WATER FILTER TRENCH E561-SG-ZZ-XX-DR-C-2022

FOUL WATER TANK

FOUL WATER TANK MAINTENANCE ZONE

100mm TREE PIT DRAINAGE. PERFORATED PIPE ONLY WITHIN THE TREE PIT. SOLID PIPE OUTSIDE OF TREE PIT

100/150mm PERFORATED PIPE IN SUB-BASE TO BE READ IN CONJUNCTION WITH DRAWING 2012

NOTE: SPRINKLER TANK TO BE LOCATED ON ROOF. FLOW RATE AND FREQUENCY OF TANK EMPTYING TBC. SUBJECT TO SOUTHERN WATER AGREEMENT.

NOTES

1. ALL DRAINAGE WORKS TO BE IN ACCORDANCE WITH THE CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY (CESW) AS INCLUDED IN SEWERS FOR ADOPTION 7th EDITION, THE REQUIREMENTS OF APPROVED DOCUMENT H (2002 EDITION), BUILDING REGULATIONS 2000 AND THE DETAILS PROVIDED ON THE CONTRACT DRAWINGS.
2. LINE AND LEVEL OF ALL EXISTING DRAINAGE TO BE CONFIRMED BY SITE INSPECTION. ANY REDUNDANT MANHOLES TO BE BROKEN OUT AND BACKFILLED WITH GRANULAR MATERIAL. REDUNDANT PIPES TO BE FILLED WITH 10:1 PFA/CEMENT MIX OR BROKEN OUT.
3. ALL FOUL AND SURFACE WATER DRAINS UP TO AND INCLUDING 300MM DIAMETER TO BE CLAYWARE AS HEPWORTH SUPERSLEVE/SUPERSEAL OR AS NOTE 4 OR SIMILAR APPROVED. ALL PIPES GREATER THAN 300MM DIAMETER TO BE CONCRETE CLASS M.
4. AS AN ALTERNATIVE THE CONTRACTOR MAY USE THE FOLLOWING, FOUL WATER PIPES TO BE TERRAIN UNDERGROUND AND SURFACE WATER PIPES TO BE RIDGDRAIN.
5. ALL PIPES ARE TO BE LAID IN A CLASS S BEDDING. PIPES LAID UNDER ROAD AND CAR PARKING PAVEMENTS WITH LESS THAN 900MM OF COVER SHALL BE LAID IN A CLASS Z BEDDING WITH FLEXIBLE JOINTS.
6. ALL DRAINAGE PIPELINES SHALL BE PROTECTED DURING CONSTRUCTION WHERE INTERMEDIATE COVER IS LESS THAN 900MM.
7. SEWER TRENCH BACKFILL UNDER ROADS AND PARKING PAVEMENTS TO BE GRANULAR MATERIAL.
8. ALL COVER LEVELS ARE APPROXIMATE. ALL COVERS TO BE SET AT FINISHED PAVEMENT/FLOOR LEVEL, SEE ARCHITECTS DRAWINGS.
9. FOR TYPICAL MANHOLE, PIPE BEDDING AND OTHER DETAILS REFER TO THE DRAINAGE DETAILS DRAWING.
10. ALL FOUL AND SURFACE WATER CONNECTIONS TO BE 100MM DIAMETER UNLESS STATED. ALL EXTERNAL GULLY CONNECTIONS AND CHANNEL DRAIN GULLY CONNECTIONS TO BE 150MM DIA UNLESS STATED.
11. ALL STACKS AND RWP'S TO HAVE LOW LEVEL RODDING ACCESS PLATES UNLESS AN ALTERNATIVE MEANS OF ACCESS IS AGREED. ACCESS POINT TO BE ABOVE ANY GROUND FLOOR CONNECTED APPLIANCE SPILL LEVEL.
12. ALL GULLY AND CHANNEL DRAIN OUTLETS TO BE TRAPPED AND RODDABLE. ALL INTERNAL GULLIES AND CHANNEL DRAINS TO BE SPECIFIED BY OTHERS.
13. ALL CONNECTIONS PASSING THROUGH BASES OR EDGE BEAMS TO BE IN SEALED SLEEVES. ALTERNATIVELY CONNECTIONS MAY BE CAST-IN WITH FLEXIBLE JOINTS NOT GREATER THAN 150MM FROM FACE OF CONCRETE.
14. ALL INTERNAL COVERS TO BE HOWE GREEN 5000 SERIES OR SIMILAR APPROVED, MECHANICALLY JOINTED CORNERS AND DOUBLE SEALED.
15. FOR SPECIFIC EXTERNAL MANHOLE DETAILS AND COVER LOADING CLASS REFER TO TYPICAL DRAINAGE DETAILS SHEETS 1 AND 2 (C1274-201.1 & 201.2).
16. ALL MANHOLE COVERS IN BLOCK/SLAB PAVING AREA TO HAVE RECESSED COVERS OF THE APPROPRIATE GRADE TO ACCEPT ARCHITECT'S PAVING PROPOSAL
17. CHANNELS IN ALL MANHOLES TO BE SET AT THE APPROPRIATE INCOMING AND OUTGOING PIPE GRADIENTS AND SHALL BE PRE-FORMED UP TO 225ø.
18. ALL BRANCH CONNECTIONS TO BE MADE WITH SWEPT BENDS IN THE DIRECTION OF FLOW IN THE MAIN SEWER.
19. INTERNAL DRAINAGE CONNECTIONS ARE PROVIDED TO THE PENETRATION POSITIONS SHOWN ON ARCHITECTS DRAWING ALL INTERNAL CHANNEL DRAINS AND GULLIES SHALL DISCHARGE VIA TRAPPED AND RODDABLE SUMP UNITS. UNIT SPECIFICATION BY OTHERS
20. EXTERNAL LINEAR CHANNEL DRAINS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS AND SHALL DISCHARGE VIA TRAPPED RODDABLE GULLY UNITS UNLESS ADVISED OTHERWISE. LINEAR CHANNELS AND HEALGUARD CAST IRON GRATINGS TO BE TO LOAD CLASS D400 SPECIFICATION. ALL CHANNELS SHALL HAVE A 200MM MINIMUM CONCRETE BED AND HAUNCH.
21. ALL INTERNAL MANHOLE'S/INSPECTION CHAMBERS ARE TO BE 300/450ø POLYPROPYLENE UNLESS OTHERWISE AGREED
22. HEAT RESISTANT CONNECTIONS FOR COMBI OVENS SHALL BE 100MM DIAMETER CAST IRON TO BS EN877 AS THE ENSION CAST IRON PIPE SYSTEM MANUFACTURED BY SAINT GOBAIN, OR HIGH TEMPERATURE RESISTANT CHEMICAL CLAYWARE PLAIN ENDED PIPES AND FITTINGS (HT THERMACHEM AS MANUFACTURED BY NAYLOR EARTHENWARE)

Revisions

Project
Village Hotel Eastleigh

Client
Village Urban Resorts

Scale	Date	Drawn by
1/200 A(0)	12/02/2024	EAJ

Drawing
Drainage to Proposed Outdoor Gym

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Status **Stage 5**