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ALL DIMENSIONS ARE IN MILLIMETRES UNDO, FOR THE PURPOSES OF THIS DRAWING, DIMENSIONS WHICH ARE NOT BE SCALED AND ONLY WRITTEN DIMENSIONS USED IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY DIMENSIONS FOR CONSTRUCTION AND ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCING CONSTRUCTION.

ALL LEVELS ARE IN METRES UNDO & TO OS DATUM.

THE WORKS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE BRITISH STANDARD BS 5400.

THE LOCATION LINE & LEVEL OF ALL KNOWN EXISTING STRUCTURES SHALL BE SHOWN AND ALL DIMENSIONS ARE APPROXIMATE AND FOR GUIDANCE PURPOSES ONLY.

CONNECTION TO THE EXISTING PUBLIC SEWERS WILL BE SUBJECT TO THE RELEVANT APPROVALS FROM THE STATUTORY UNDERTAKER.

THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THEIR EXACT LINE AND LEVEL, BY WAY OF HAND EXCAVATED TRIAL PITS, PRIOR TO THE COMMENCEMENT OF ANY WORKS TO BE UNDERTAKEN ON SITE. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS AND MAINTAIN THE STRUCTURAL INTEGRITY OF ALL ABOVE AND BELOW GROUND SERVICE INSTALLATIONS.

THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN A FULLY OPERATIONAL AND MAINTAINED SIGNPOSTED FULL TRAFFIC MANAGEMENT SYSTEM TO ENSURE SAFE PASSAGE OF VEHICLES/PEDESTRIANS IN THE VICINITY OF THE WORKS. ALL ROADWORKS, SIGNALS, BARRIERS ETC. SHALL BE IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION FOR DEALING WITH AND DISPOSING OF GROUND SURFACE WATER ENCOUNTERED DURING EXCAVATION.

ALL SOFT / HARD PAVED AREAS AFFECTED BY THE WORKS SHALL BE FULLY REINSTATED FOLLOWING THE COMPLETION OF THE WORKS. ALL SURFACE MARKINGS AFFECTED BY THE WORKS SHALL BE FULLY REINSTATED.

ALL EXISTING CURBS AND SIDEWALK MATERIAL SHALL BE DISPOSED IN A DESIGNATED AREA ON SITE.

UPON COMPLETION OF THE WORKS THE CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING OUT CO-ORDINATE AND LEVEL INFORMATION. PREVIOUS TO THE START OF THE WORKS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION FOR DEALING WITH AND DISPOSING OF GROUND SURFACE WATER ENCOUNTERED DURING EXCAVATION.

REINFORCEMENT SHALL BE TO CONCRETE ENCASED. (BEDDING CLASS 2).

REINFORCEMENT SHALL BE MORE THAN 75mm OF COVER TO HAVE CLASS 3 GRANULAR BED AND SURROUND.

POLYPROPYLENE INSPECTION CHAMBERS OF 800mm DIA SHALL BE TO BE FITTED WITH A REDUCED ACCESS SITS.

SOIL STACKS - WHERE SOIL STACKS SERVE MULTIPLE PURPOSES, THE STACK SHALL BE 100mm DIA AND 750mm BELOW THE LOWEST BRANCH CONNECTION, WHERE SEPARATE STACKS ARE PROVIDED FOR ROUNDOFF, THE STACK SHALL BE 100mm DIA AND MINIMUM BELOW THE LOWEST CONNECTION.

SVP CONNECTIONS TO BE 100mm DIA UNO.

ALL CONNECTIONS TO BE 100mm DIA UNO, COMPLETE WITH A LOW LEVEL ACCESS PLATE FOR RIDDING AREAS.

WHERE PROPOSED DRAINAGE PIPEWORK RUNS ARE TO BE LOCATED UNDER ROAD SURFACES, THE CONTRACTOR SHALL ALLOW FOR EXTENDING THE DEPTH OF NEW FOUNDATIONS IN LEAN MIX CONCRETE DUE TO THE PROPOSED DEPTH OF THE LEVEL.

THE HYDRAULIC DESIGN HAS BEEN CARRIED OUT IN ACCORDANCE WITH 'CIRIA REPORT C373 THE SUDS MANUAL' AND THE HYDRAULIC DESIGN OF PIPELINES AND OTHER CONDUITS HAS BEEN CARRIED OUT IN ACCORDANCE WITH BS EN 12952.

OVERALL SITE BOUNDARY.

 Ex. SURFACE WATER PUBLIC SEWER.

 Ex. FOUL PUBLIC SEWER.

 PROPOSED SURFACE WATER DRAIN.
(TYPICALLY 1000' FROM RWP AND 1500'
FROM FCBLU UNO)

 PROPOSED SURFACE WATER PCC
MANHOLE.

 PROPOSED SURFACE WATER PPIIC.

 PROPOSED LINEAR DRAINAGE CHANNEL
AND ASSOCIATED SUMP OUTLET.

 PROPOSED TRAPPED ROAD GULLY.

 PROPOSED SIPHONIC RAINWATER
DOWN SPOUT.

 PROPOSED RODDING EYE.

 PROPOSED TANKED PERMEABLE
BLOCK PAVING WITH FILTER DRAIN.

 PROPOSED FOUL DRAIN (TYPICALLY
1500' UNO)

 PROPOSED FOUL PCC MANHOLE.

 PROPOSED FOUL PPIIC.

 PROPOSED FOUL OUTLET.

ALL SURFACE WATER CHAMBERS ARE TO BE PCC UNO C250 COVERS IN PEDESTRIAN AREAS.
D400 COVERS IN CARPARK AREAS.
E600 COVERS IN ACCESS ROAD AND YARD AREAS.

SIPHONIC BREAK CHAMBERS ARE TO HAVE D400 OPEN MESH COVERS. DETAILS BY SIPHONIC DRAINAGE DESIGNER.

ALL FOUL CHAMBERS ARE TO BE MIN 450Ø HD PPIC UNO
C250 COVERS IN PEDESTRIAN AREAS.
D400 COVERS IN CARPARK AREAS.
E600 COVERS IN ACCESS ROAD AND YARD AREAS.

ALL DRAINAGE WITH LESS THAN 750 COVER IS TO BE
ENCASED IN MIN 150THK C32/40 CONCRETE - SEE
DETAIL DRAWING FOR ENCASING DETAILS.

ALL LINEAR DRAINAGE CHANNELS WITHIN HGV AREAS ARE TO BE GATIC.

ALL LINEAR DRAINAGE CHANNELS WITHIN ROADS ARE TO HAVE D400 HEEL GUARD GRATING.

P5	06.10.2021	CCF	UPDATED POND AND FOUL PUMP ADDED	CCF	PJB
P4	28.09.2021	CCF	REVISED INTERCEPTOR SIZE	CCF	PJB
P3	20.09.2021	CCF	REVISED SITE LAYOUT.	JH	PJB
P2	17.08.2021	CCF	ISSUED FOR PLANNING	JH	PJB
P1	02.06.2021	CCF	ISSUED FOR PLANNING	JH	PJB

PLANNING



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Project

NET WORLD SPORTS.
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Title
PROPOSED FOUL AND SURFACE WATER
DRAINAGE LAYOUT.

Scale	Drawn	Revision
1:500@A0	C.C.FITTON	P5
Date	Checked	
25.05.2021	C.C.FITTON	

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