OS NORTH

INDICATIVE BIORETENTION AREAS TO COMPRISE OF SHALLOW DEPRESSION (CIRCA 200-300mm), 450mm DEPTH OF FILTER MEDIUM SOIL & 200mm MIN. CLEAN STONE AT BASE. FEATURES TO DRAIN VIA 150mm PIPEWORK TO WIDER SURFACE WATER NETWORK LEADING TO ATTENUATION BASINS AT SOUTH OF SITE

LEVEL ALTERATIONS IN AREAS OF EXISTING EMBANKMENTS MAY REQUIRE SUBSTANTIAL RETAINING STRUCTURES

INDICATIVE BIORETENTION AREAS TO COMPRISE OF SHALLOW DEPRESSION (CIRCA 200-300mm), 450mm DEPTH OF FILTER MEDIUM SOIL & 200mm MIN. CLEAN STONE AT BASE. FEATURES TO DRAIN VIA 150mm PIPEWORK TO WIDER SURFACE WATER NETWORK LEADING TO ATTENUATION BASINS AT SOUTH OF SITE

PROPOSED SITE LAYOUT TO BE DESIGNED SUCH THAT MINIMAL CONFLICT WITH EXISTING EMBANKMENT IS MADE THUS REDUCING/ ELIMINATING THE EXTENT OF RETAINING STRUCTURES

INDICATIVE 300mm - 600mm DEEP CONVEYANCE SWALES FORMED WITHIN SOFT LANDSCAPE AREAS TO PROVIDE TREATMENT, ATTENUATION AND CONVEYANCE OF SURFACE WATER RUNOFF TO ATTENUATION BASINS. POTENTIAL FOR 150mm UNDERDRAINS TO BE REQUIRED AT DETAILED DESIGN STAGE

INDICATIVE BIORETENTION AREAS TO COMPRISE OF SHALLOW DEPRESSION (CIRCA 200-300mm), 450mm DEPTH OF FILTER MEDIUM SOIL & 200mm MIN. CLEAN STONE AT BASE. FEATURES TO DRAIN VIA 150mm PIPEWORK (NOT SHOWN) TO WIDER SURFACE WATER NETWORK LEADING TO ATTENUATION BASINS AT SOUTH OF SITE

INDICATIVE 300mm - 600mm DEEP CONVEYANCE SWALES FORMED WITHIN SOFT LANDSCAPE AREAS TO PROVIDE TREATMENT, ATTENUATION AND CONVEYANCE OF SURFACE WATER RUNOFF TO ATTENUATION BASINS. POTENTIAL FOR 150mm UNDERDRAINS TO BE REQUIRED AT DETAILED DESIGN STAGE

PROPOSED SITE LAYOUT TO BE DESIGNED SUCH THAT ADEQUATE SPACE FOR CONVEYANCE SWALES IS MADE TO MINIMISE THE NEED TO BELOW-GROUND PIPEWORK

PROPOSED SITE LAYOUT TO BE DESIGNED SUCH THAT MINIMAL CONFLICT WITH EXISTING EMBANKMENT IS MADE THUS REDUCING/ ELIMINATING THE EXTENT OF RETAINING STRUCTURES

INDICATIVE FLOW CONTROL CHAMBER (HYDROBRAKE OR SIMILAR) LIMITING DISCHARGE RATE TO MAXIMUM 45 l/s. SURFACE WATER TO DISCHARGE TO EXISTING DRAINAGE INFRASTRUCTURE OVER MILITARY RANGE

SUFFICIENT SPACE TO BE MADE AVAILABLE FOR SuDS FEATURES AT SITE FRONTAGE. MINIMUM COMBINED TOTAL AREA OF 1600m² TO BE PROVIDED ACROSS THE TWO ATTENUATION BASINS

INDICATIVE PERMEABLE BLOCK PAVING PRIVATE DRIVES WITH 450mm MIN. CLEAN STONE BENEATH PAVIOUR CONSTRUCTION TO ENABLE TREATMENT AND ATTENUATION OF SURFACE WATER. FEATURES TO DRAIN VIA 150mm PIPEWORK (NOT SHOWN) TO WIDER SURFACE WATER NETWORK LEADING TO ATTENUATION BASINS AT SOUTH OF SITE

LEVEL ALTERATIONS IN AREAS OF EXISTING EMBANKMENTS MAY REQUIRE SUBSTANTIAL RETAINING STRUCTURES

SUFFICIENT SPACE TO BE MADE AVAILABLE FOR SuDS FEATURES AT HIGHER LEVEL ABOVE EXISTING EMBANKMENT

INDICATIVE BIORETENTION AREAS TO COMPRISE OF SHALLOW DEPRESSION (CIRCA 200-300mm), 450mm DEPTH OF FILTER MEDIUM SOIL & 200mm MIN. CLEAN STONE AT BASE. FEATURES TO DRAIN VIA 150mm PIPEWORK TO WIDER SURFACE WATER NETWORK LEADING TO ATTENUATION BASINS AT SOUTH OF SITE

Pedestrian Link
Private Driveway
Planted bank between levels
Private Gardens
Swales
L.A.P
Ecological Buffer
NEW ESTATE ROAD
Standing Stone
SuDs feature
NEW JUNCTION ARR

DO NOT SCALE

1. DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT DRAWINGS AND WITH THE HEALTH AND SAFETY INFORMATION PROVIDED AND/OR WITHIN THE PRE-CONSTRUCTION INFORMATION.
2. USE OF THIS DRAWING DOES NOT ABSOLVE THE CLIENT FROM HIS RESPONSIBILITIES UNDER THE HEALTH AND SAFETY: THE CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015. THE PRINCIPAL DESIGNER IS REQUIRED TO CONTACT HYDROCK CONSULTANTS PRIOR TO PERMITTING THIS DRAWING TO BE USED IN CONNECTION WITH ANY CONSTRUCTION WORKS.
3. BEFORE COMMENCEMENT OF ANY WORKS ASSOCIATED WITH THE DRAWING REFER TO ALL RELEVANT HEALTH AND SAFETY INFORMATION FOR THE WORKS INCLUDING RESIDUAL RISK INFORMATION.
4. THE CONTRACTOR SHOULD COMPLY WITH HS(G) 47 "AVOIDING DANGER FROM UNDERGROUND SERVICES" WHEN PLANNING, LOCATING AND EXCAVATING AROUND EXISTING SERVICES. IT IS KNOWN THAT EXISTING UTILITY COMPANY UNDERGROUND SERVICES AND APPARATUS ARE PRESENT WITHIN THE PROPOSED WORKS AREA AND IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE EXISTING SERVICES ON SITE ACCURATELY.
5. INFORMATION REGARDING THE LOCATION AND DEPTH OF EXISTING SERVICES CANNOT BE GUARANTEED BY THE STATUTORY UNDERTAKER.
6. THE CONTRACTOR SHALL CONDUCT THE WORKS WITH DUE REGARD FOR THE ECOLOGICAL AND ENVIRONMENTAL REQUIREMENTS OF THE SCHEME.
7. THE DRAWING SHALL BE USED FOR THE INTENDED PURPOSE ONLY AND THIS DRAWING HAS BEEN BASED ON INFORMATION PROVIDED BY OTHER PARTIES AND HYDROCK DO NOT WARRANT THE ACCURACY OF THIS INFORMATION. DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWING AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL DIMENSIONS AND LEVELS ON SITE FOR THE ACTUAL SETTING OUT OF THE WORKS. DIMENSIONS MARKED 'DIMENSIONS TO BE SITE CHECKED' ARE SUBJECT TO CONFIRMATION BY THE CONTRACTOR BEFORE THE WORKS COMMENCE.
8. HYDROCK IS NOT RESPONSIBLE FOR CHECKING DIMENSIONS ON SITE.
9. HYDROCK IS NOT RESPONSIBLE FOR SETTING OUT GRID LINES, BUILDING LINE ETC
10. HYDROCK IS NOT RESPONSIBLE FOR DIMENSIONS USED IN THE ORDERING AND MANUFACTURING OF EQUIPMENT AND THIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
11. ALL FIGURED LEVELS ARE IN METRES AND RELATED TO EXISTING SURVEY GRID & DATUM UNLESS NOTED OTHERWISE

KEY

- INDICATIVE SITE BOUNDARY
- INDICATIVE SURFACE WATER SEWER
- INDICATIVE SuDS INLET/ OUTLET HEADWALL
- ASSUMED EXCLUSION ZONE
- INDICATIVE BIORETENTION AREA
- INDICATIVE ROADSIDE SWALE
- INDICATIVE ATTENUATION BASIN
- INDICATIVE ACCESS ROAD (IMPERMEABLE)
- INDICATIVE PRIVATE DRIVEWAY (PERMEABLE PAVING)

REVISIONS

Rev.	Revision Notes	Date	Drawn By	Checked | Approved
P01	First Issue	19/11/24	KG	RB | RB

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CLIENT
AVISON YOUNG

PROJECT
PENALLY TRAINING CAMP

TITLE
SuDS STRATEGY PLAN

HYDROCK PROJECT NO.	SCALE @ A1
C-35098	1:500

STATUS DESCRIPTION	STATUS
SUITABLE FOR INFORMATION	S2

DRAWING NO.	REVISION
35098-HYD-XX-XX-DR-C-0510	P01

Filename: Y:\35000-35999\35098 - Penally Training Camp\01 WIP\DR Drawing\C\35098-HYD-XX-XX-DR-C-0510_P02 - SuDS Strategy Plan.dwg