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**LA**  
**INF**  
**DA**  
**OF**

**P**  
**S**

This symbol identifies a Residual Risk that is recorded on the Design Risk Register and is relevant to this drawing.  
 This drawing must be read in conjunction with the following project CDM documents:  
 661277-0000-PEV-GTX0011-XX-HS-C-002\_Design Risk Assessment

This symbol identifies a Derogation that is recorded on the Derogation Schedule and is relevant to this drawing.  
 This drawing must be read in conjunction with the following project Derogation documents:  
 N/A

The above symbols can only be read when this drawing is in colour print

- KEY:**
- - PROPOSED SURFACE WATER SEWER.
  - - PROPOSED CHANNEL DRAINS.
  - - PROPOSED SITE BOUNDARY (TBC).
  - - INDICATIVE MoJ PROPERTY LINE.
  - - SW INSPECTION CHAMBER.
  - - SW ACCESS CHAMBER (MANHOLE).
  - UNDERGROUND GEO-CELLULAR ATTENUATION TANK (DETAILS TBC).
  - PETROL INTERCEPTOR (TBC).
  - - PONDS/STORAGE ATTENUATION TANKS (DETAILS TBC).
  - - EXISTING DITCH TO BE DIVERTED AND BACKFILLED (DETAILS TBC).
  - - DITCH DIVERSION PIPE (TBC).

Rev	Date	Description
P04	2021.05.24	RED BOUNDARY UPDATED. CSH GYM EXTENDED.
P03	2021.04.26	SITE LAYOUT UPDATED. ISSUED FOR OPA.
P02	2021.02.18	SUITABILITY STATUS REVISION.
P01	2021.02.12	FIRST ISSUE.

This document references the following linked files

File Reference	Status	Revision
N/A	N/A	N/A

Project Status  
 RIBA Stage 2

Client  
**Ministry of Justice**  
 Ministry of Justice, 102 Petty France, London, SW1H 9AJ

Project  
**New Prisons Programme**

Project Description / Site  
 New Prisons Programme  
 Gartree 2

Project Address  
 Site Adjacent to HMP Gartree

Building Type  
 Site Infrastructure

Drawing Title  
 Proposed Surface Water Drainage Strategy

**PRINT IN COLOUR**

- NOTES:**
- ALL DRAINAGE WORKS TO BE CONSTRUCTED TO DESIGN AND CONSTRUCTION GUIDANCE FOR FOUL AND SURFACE WATER SEWERS, BUILDING REGULATIONS PART H, MOJ TECHNICAL SPECIFICATION STD/XX/SPEC/010 ISSUE 006 AND PICK EVERARD DRAINAGE SPECIFICATION.
  - ALL SEWERS AND DRAINS TO HAVE A CLASS 2 BED AND SURROUND AT A DEPTH OF COVER TO PIPE SOFFIT OF LESS THAN 1.2m UNDER PAVED AREAS AND BUILDINGS AND 0.9m IN VERGE. IN ALL OTHER AREAS, ALL SEWERS AND DRAINS SHALL HAVE A CLASS 5 BED, UNLESS STATED OTHERWISE ON THE DRAWINGS.
  - ALL SEWERS TO BE BACKFILLED WITH TYPE 1 GRANULAR MATERIAL UNDER PAVED AREAS, ROADS AND HARDSTANDINGS OR AS-DUG MATERIAL IN VERGE AREAS. MANHOLE COVERS AND FRAMES WITHIN VEHICULAR LOADED AREAS TO BE D400 RATED AND C250 IN ALL OTHER AREAS TO BS EN 124-1994. ALL COVERS TO BE DUCTILE IRON.
  - RWP LOCATIONS AND SETTING OUT TO BE PROVIDED BY ARCHITECTS. SVP LOCATIONS AND SETTING OUT TO BE PROVIDED BY MECHANICAL ENGINEER. CURRENTLY THEY ARE ONLY INDICATIVE.
  - DRAINAGE SYSTEM TO BE SUBJECTED TO INSPECTION INTERIM AND FINAL TESTS IN ACCORDANCE WITH MOJ TECHNICAL SPECIFICATION STD/XX/SPEC/010 ISSUE 6 AND BS EN 75
  - ALL PIPEWORK:
    - PVC WITH FLEXIBLE MECHANICAL JOINTS TO BS EN 295-1 AND BS 65 UP TO 600mm DIAMETER
    - OVER 600mm - CONCRETE TO BS EN 1916 AND 1911
    - BELOW CONCRETE FLOOR SLABS - CAST IRON TO BS 637 OR DUCTILE IRON TO BS 598
  - ALL FLOW CONTROL MANHOLES TO BE BUILT AS PER MANUFACTURER DETAILS AND TO INCLUDE SUMP.
  - CATCHPITS CHAMBERS (CP) TO BE PROVIDED UPSTREAM OF ATTENUATION TANKS AND OIL SEPARATORS.
  - ROAD DRAINAGE IS NOT SHOWN. TO BE DEVELOPED IN SUBSEQUENT STAGES.
  - PIPE DIAMETERS TO BE CONFIRMED DURING STAGE 3 DESIGN - CURRENTLY SHOWN AS INDICATIVE ONLY.

Originator Logo <b>PICK EVERARD</b>	Drawn By JAS	Date 12.02.21
	Checked By PCA	Date 12.02.21
	Approved By PCA	Date 12.02.21
Drawing Number 661277-0000-PEV-GTX0011-ZR-CC-0511	DeIref D0100	
Sheet No. 01 of 01	Scale 1:1000	Orig. Sheet Size @ A1
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