



KEY:

- - PROPOSED SURFACE WATER SEWER.
- - - - PROPOSED CHANNEL DRAIN.
- - PROPOSED FILTER DRAIN.
- - PROPOSED RISING MAIN.
- - MoJ PROPERTY LINE.
- - SW INSPECTION CHAMBER.
- ⊙ - SW ACCESS CHAMBER (MANHOLE).
- - GULLY.
- - CHANNEL DRAIN SUMP BOX.

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Residual Risk
 This symbol identifies a Residual Risk that is recorded on the Design Risk Register and is relevant to this drawing.

Derogation
 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

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/X/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 LATERALS ARE NOT SHOWN. TO BE CONFIRMED BY THE ARCHITECT AT DETAIL DESIGN STAGE.
 - DRAINAGE SYSTEM TO BE SUBJECT TO INSPECTION INTERIM AND FINAL TESTS IN ACCORDANCE WITH MOJ TECHNICAL SPECIFICATION STD/X/SPEC/010 ISSUE 6 AND BS EN 75
 - ALL PIPEWORK:
 - PVC WITH FLEXIBLE MECHANICAL JOINTS TO BS EN 235-1 AND BS 65 UP TO 600mm DIAMETER
 - OVER 600mm - CONCRETE TO BS EN 1916 AND 1911
 - BELOW CONCRETE FLOOR SLABS - CAST IRON TO BS 437 OR DUCTILE IRON TO BS 598
 - FLOW CONTROL MANHOLES TO BE LOCATED IN MANHOLES DCE-50041, 50300, 50301, 50122, 50124, AND 50125 (TO BE HYDRO-BRAKE OR SIMILAR APPROVED).
 - BY-PASS OIL SEPARATOR TO BE CLASS 1 INSB040 BY KLARGESTER OR SIMILAR APPROVED. FULL RETENTION TO BE CLASS 1 NSFA125 BY KLARGESTER OR SIMILAR APPROVED. BOTH WITH ALARMS REQUIRED.
 - DRAINAGE STRATEGY IS SUBJECT TO LEAD LOCAL FLOOD AUTHORITY (LLFA) APPROVAL AND MAY BE SUBJECT TO CHANGE.
 - PIPE DIAMETERS AND GRADIENTS TO BE CONFIRMED ONCE THE HYDRAULIC MODELLING IS CARRIED OUT AND DISCHARGE RATE APPROVED BY LLFA.
 - ATTENUATION VOLUME ESTIMATE HAS BEEN CARRIED OUT IN SOURCE CONTROL AND IS AS FOLLOWS:
 - ATTENUATION VOLUME FOR 1:100 YEAR STORM (PLUS 30% CC) 104.8m³ IN THE CAR PARK AND 392.0m³ WITHIN THE MAIN SITE.
 - BELOW GROUND ATTENUATION TANKS TO BE POLYSTORM DEEP BY POLYPIPE OR SIMILAR APPROVED.
 - REFER TO 664015-1275-FNC001-ZZ-RP-C-0503-PROPOSED SURFACE WATER STRATEGY REPORT FOR FURTHER DETAILS.

P02	2021.06.02	Site Plan updated
P01	2021.03.16	FIRST ISSUE FOR RIBA STAGE 3 APPROVAL
Rev	Date	Description

Project Status
 RIBA Stage 3

Client
 Ministry of Justice

Project
 New Prisons Programme

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

Project Description / Site
 New Prisons Programme
 Full Sutton 2

Project Address
 Land at Moor Lane
 Full Sutton
 York, YO41 1PS

Building Type
 Site Infrastructure

Drawing Title
 Proposed Surface Water Drainage-Sheet 11

Originator Logo PICK EVERARD	Drawn By	VSP	Date	16.03.21	
	Checked By	PCA	Date	16.03.21	
	Approved By	PCA	Date	16.03.21	
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Sheet No.	11 of 11	Scale	1:250; 1:5000	Rev.	P02
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