



Do not scale from drawings. Verify all dimensions on site prior to construction. This drawing is to be read in conjunction with all relevant documents and drawings. Report all discrepancies to MoJ immediately.

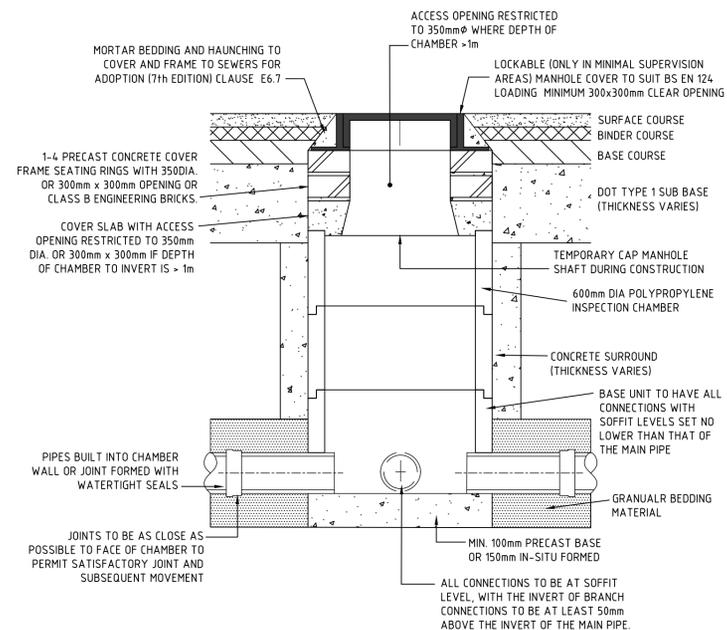
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- This symbol identifies a Residual Risk that is recorded on the Design Risk Register and is relevant to this drawing.
- This symbol identifies a Derogation that is recorded on the Derogation Schedule and is relevant to this drawing.

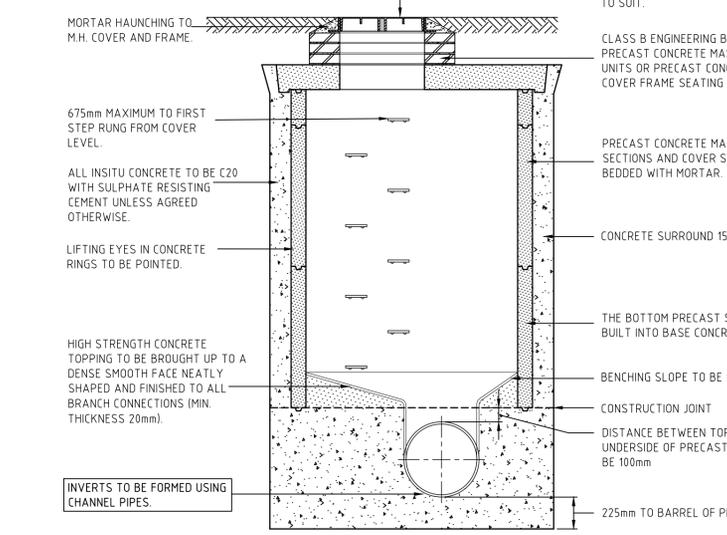
The above symbols can only be read when this drawing is in colour print

NOTES:

- ALL WORKS TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH RELEVANT MOJ STANDARDS.
- ALL DETAILS, DIMENSIONS, ARRANGEMENTS AND SPECIFICATIONS ARE INDICATIVE CONCEPT DESIGN ONLY - ALL DETAILS TO BE CONFIRMED FOLLOWING DESIGN DEVELOPMENT.



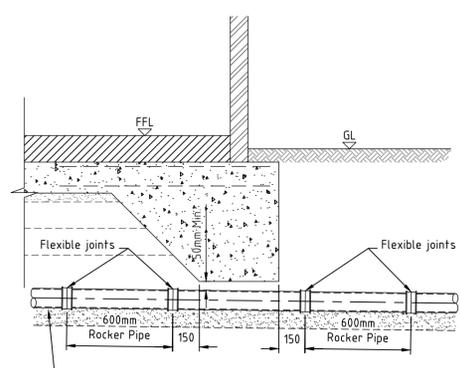
TYPICAL INSPECTION CHAMBER DETAIL NTS



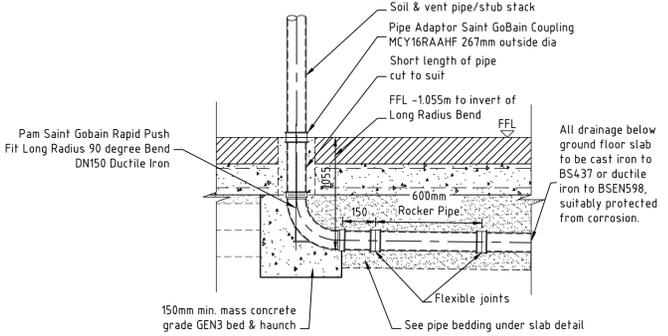
MANHOLE DETAIL - TYPE B
MAX DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 3.0m AND MIN CHAMBER HEIGHT OF 0.9m
SCALE 1:25

ROCKER PIPES	
Nominal diameter (mm)	Maximum effective length (m)
150-600	0.6
601-750	1.00
over 750	1.25

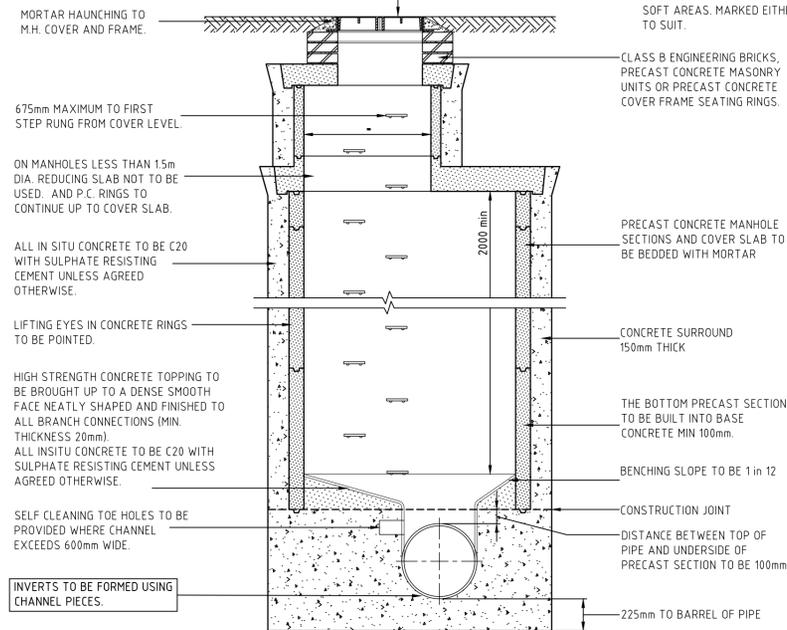
GRANULAR BEDDING MATERIAL TO BS 882		
PIPE SIZE (DN)	NOMINAL SINGLE SIZE (mm)	GRADED SIZE (mm)
100/150	10	NOT PERMITTED
225/300	10 or 20	20 to 5



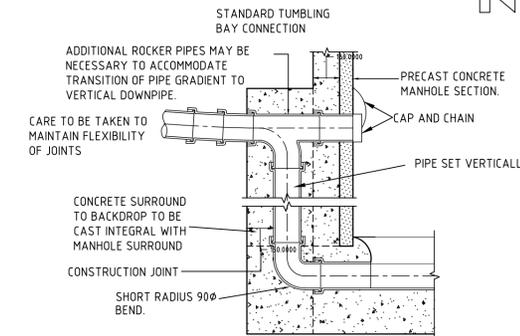
TYPICAL SECTION THROUGH DRAINAGE UNDER FOUNDATION
Scale 1:20



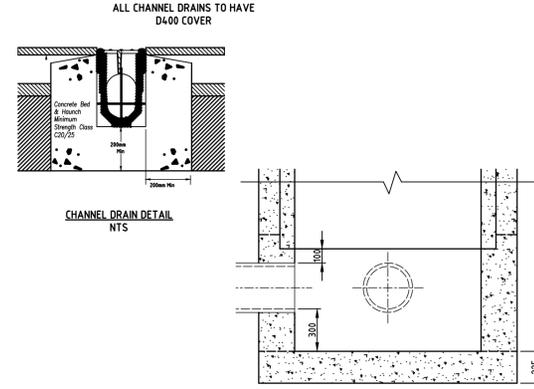
TYPICAL DOWNPIPE THROUGH SLAB
Scale 1:20



TYPICAL MANHOLE DETAIL A
1200mm φ, 1500mm φ AND 1800mm φ
DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 3m TO 6m
SCALE 1:25

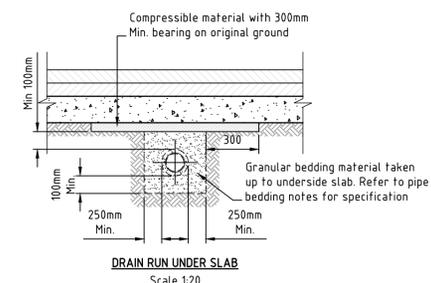


TYPICAL EXTERNAL BACKDROP DETAIL
SCALE 1:20

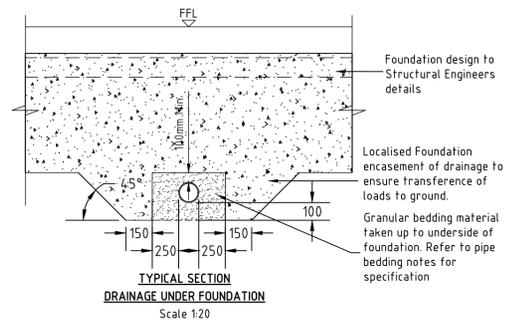


CHANNEL DRAIN DETAIL NTS

CATCHPIT DETAIL
Max depth from ground level to soffit of pipe 3.0m.
SCALE 1:25



DRAIN RUN UNDER SLAB
Scale 1:20



TYPICAL SECTION DRAINAGE UNDER FOUNDATION
Scale 1:20

MANHOLE DIAMETERS	
Nominal internal diameter of largest pipe in manhole (mm)	Minimum nominal internal dimension of manhole (mm)
Less than 375	1200
375 - 450	1500
500 - 700	1500
750 - 900	1800
Greater than 900	Pipe diameter + 900

Rev	Date	Description
P01	2021.06.18	FIRST ISSUE

Project Status
RIBA Stage 2

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

Project Description / Site
New Prisons Programme
Garth Wymott 2

Project Address
Site Adjacent to HMP Garth & HMP Wymott

Building Type
Boiler House - Site Infrastructure

Drawing Title
Drainage Details - Sheet 01

Originator Logo
 Drawn By: KJD Date: 18.06.21
Checked By: PCA Date: 18.06.21
Approved By: PCA Date: 18.06.21

Drawing Number
608623-0000-PEV-GHX0021-ZR-CC-6501
Delref D0100

Sheet No. 01 of 01
Scale As shown
Orig. Sheet Size @ A1
Rev. P01
Data Security Classification OFFICIAL
Suitability S3