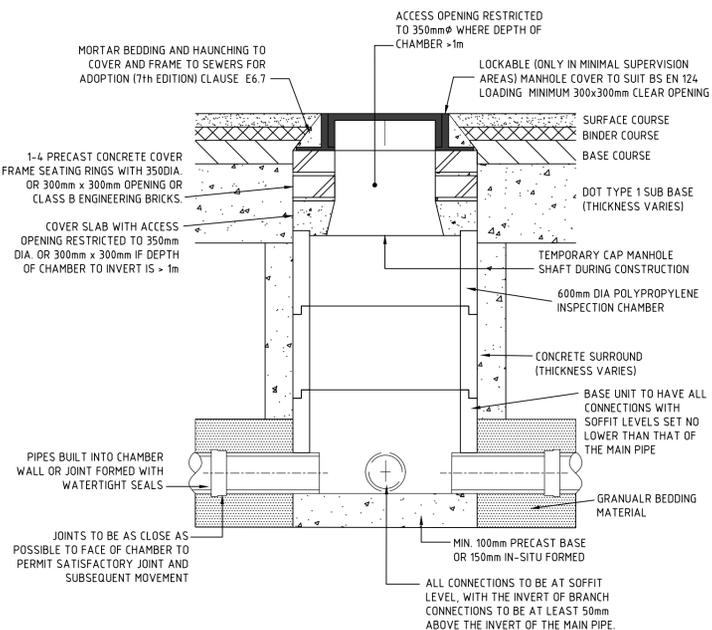


Residual Risk
 This symbol identifies a Residual Risk that is recorded on the Design Risk Register and is relevant to this drawing.
 This drawing must be read in conjunction with the following project CDM documents:
 608623-0000-PEV-GHX0011-XX-HS-C-0002_Design Risk Assessment

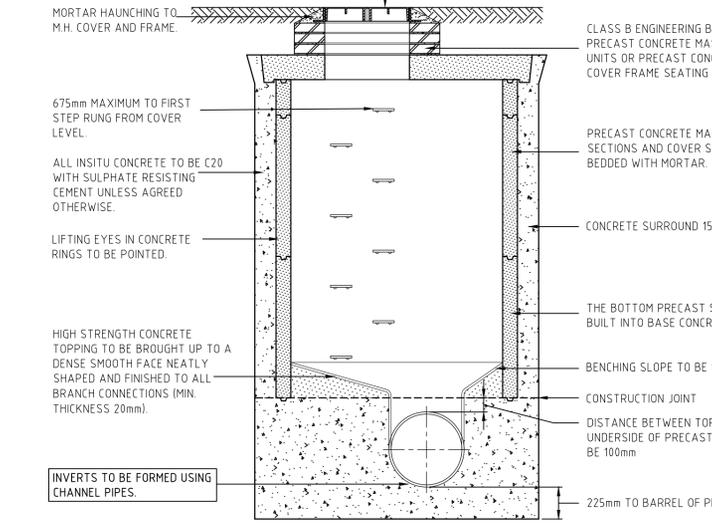
Derogation
 This symbol identifies a Derogation that is recorded on the Derogation Schedule and is relevant to this drawing.
 This drawing must be read in conjunction with the following project Derogation documents:
 N/A

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

- 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.



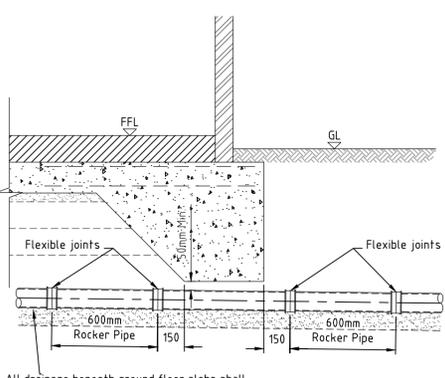
TYPICAL INSPECTION CHAMBER DETAIL NTS



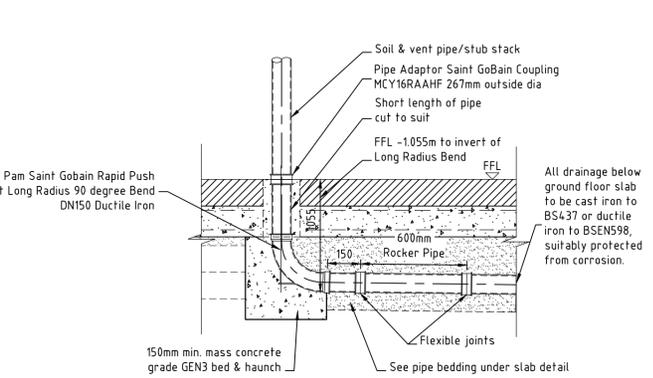
MANHOLE DETAIL - TYPE B
 MAX DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 3.0m AND MIN CHAMBER HEIGHT OF 0.9m
 SCALE 1:25

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

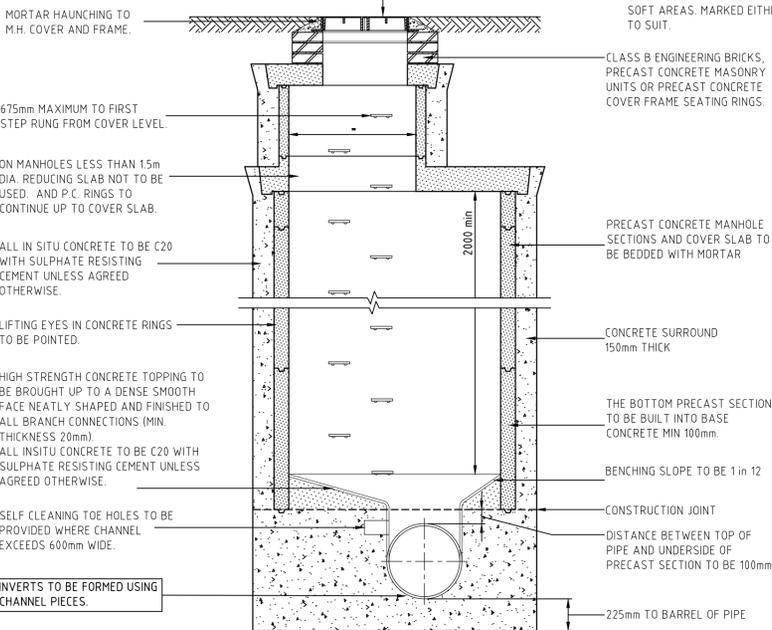
GRANULAR BEDDING MATERIAL TO BS 882		
PIPE SIZE (DN)	NOMINAL SINGLE SIZE (mm)	GRADED SIZE (mm)
100/150	10	NOT PERMITTED
225/300	10 or 20	20 to 5



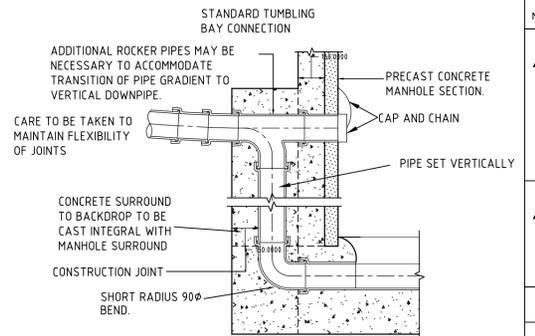
TYPICAL SECTION THROUGH DRAINAGE UNDER FOUNDATION
 Scale 1:20



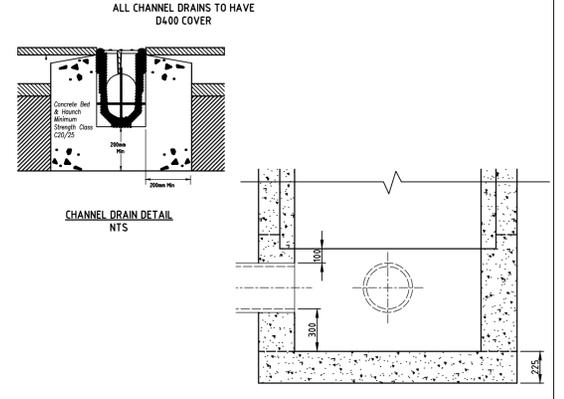
TYPICAL DOWNPIPE THROUGH SLAB
 Scale 1:20



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

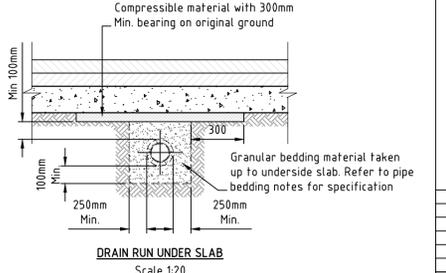


TYPICAL EXTERNAL BACKDROP DETAIL
 SCALE 1:20

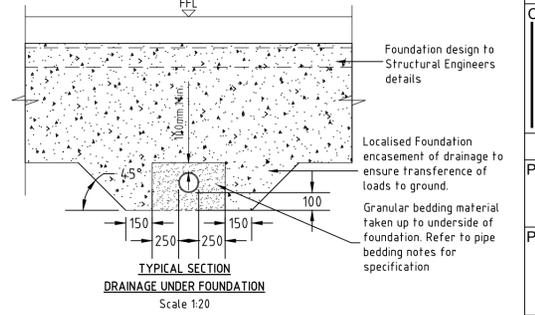


CHANNEL DRAIN DETAIL NTS

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	2021.06.10	FIRST ISSUE

Project Status
 RIBA Stage 2

Client
 Ministry of Justice
 Project
New Prisons Programme
 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
 Bowls Club - Site Infrastructure

Drawing Title
 Drainage Details - Sheet 01

Originator Logo PICK EVERARD	Drawn By KJD	Date 10.06.21
	Checked By PCA	Date 10.06.21
	Approved By PCA	Date 10.06.21

Drawing Number
 608623-0000-PEV-GHX0031-ZR-CC-6501
 Delref
 D0100

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