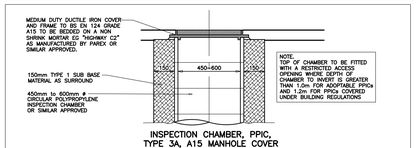
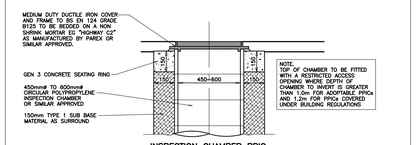
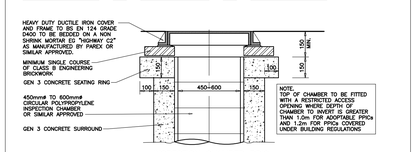


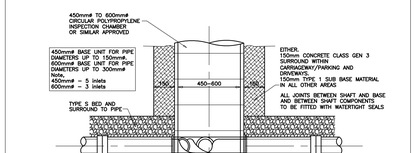
INSPECTION CHAMBER, PPIC,
TYPE 3A, A15 MANHOLE COVER
(in grass or soft landscaped areas)



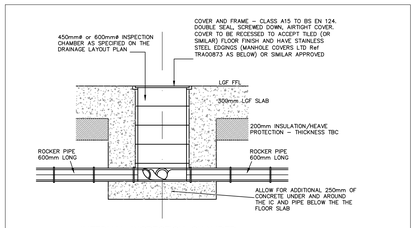
INSPECTION CHAMBER PPIC,
TYPE 3B, B125 MANHOLE COVER (in
paved areas)



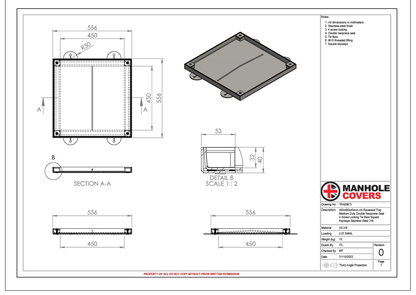
INSPECTION CHAMBER PPIC,
TYPE 3C, D400 MANHOLE COVER (in
parking areas and carriageway)

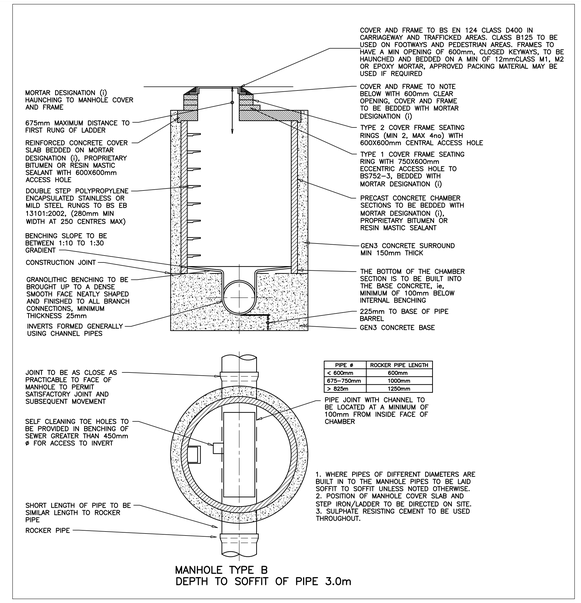


INSPECTION CHAMBER PPIC,
TYPE 3A, 3B, 3C, BASE DETAIL,
common to all 3 types



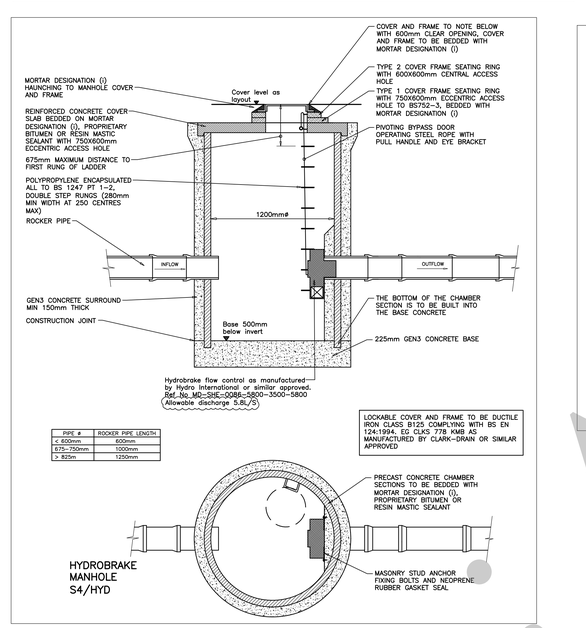
INTERNAL INSPECTION CHAMBER
TYPE 3Z (CAST INTO SLAB)





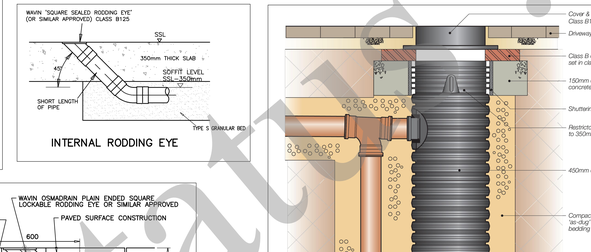
PIPE ø	ROCKER PIPE LENGTH
< 600mm	600mm
675–750mm	1000mm
> 825m	1250mm

MANHOLE TYPE B
DEPTH TO SOFFIT OF PIPE 3.0m

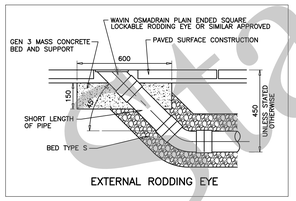


PIPE ø	ROCKER PIPE LENGTH
< 600mm	600mm
675–750mm	1000mm
> 825m	1250mm

HYDROBRAKE
MANHOLE
S4/HYD

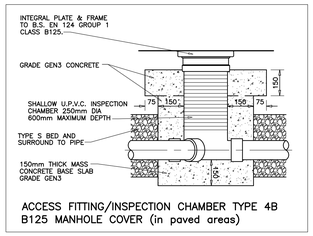


INTERNAL RODDING EYE

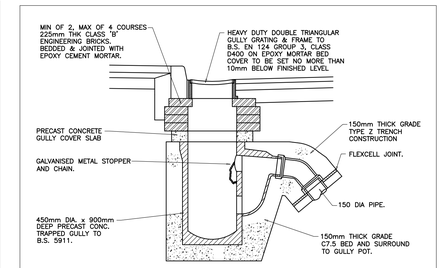


EXTERNAL RODDING EYE

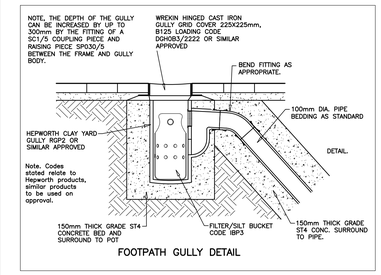
TYPICAL BACKDROP DETAIL
(based on Wavin products/details - alternative similar approved products will be acceptable)



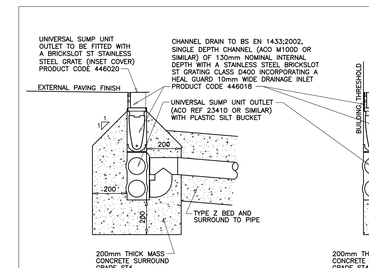
ACCESS FITTING/INSPECTION CHAMBER TYPE 4B
B125 MANHOLE COVER (in paved areas)



ROAD GULLY DETAIL



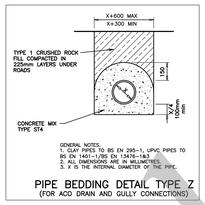
FOOTPATH GULLY DETAIL



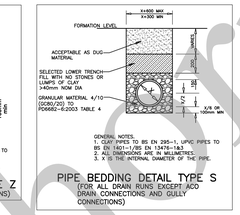
SLOT DRAINAGE TO
PAVED AREAS

SLOT DRAINAGE TO
THRESHOLD ENTRANCES

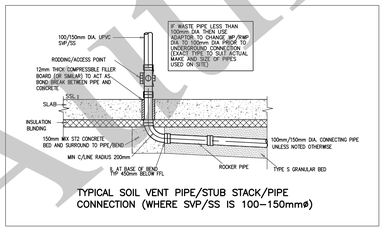
ACO DRAINAGE DETAILS



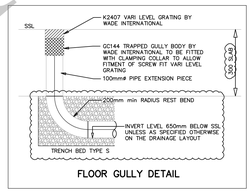
PIPE BEDDING DETAIL TYPE Z
(FOR ACO DRAIN AND GULLY CONNECTIONS)



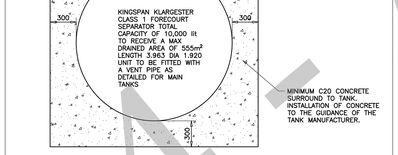
PIPE BEDDING DETAIL TYPE S
(FOR ALL DRAIN RUNS EXCEPT ACO DRAIN CONNECTIONS AND GULLY CONNECTIONS)



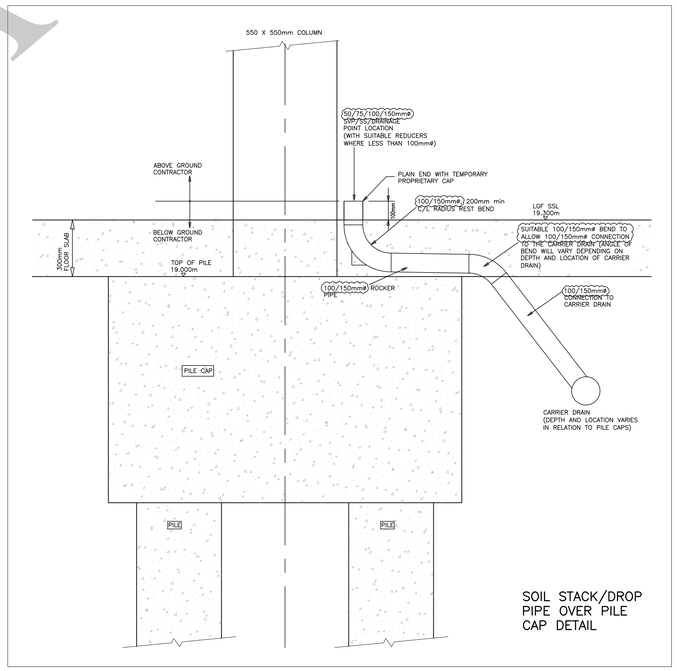
TYPICAL SOIL VENT PIPE/STUB STACK/PIPE
CONNECTION (WHERE SVP/SS IS 100–150mmø)



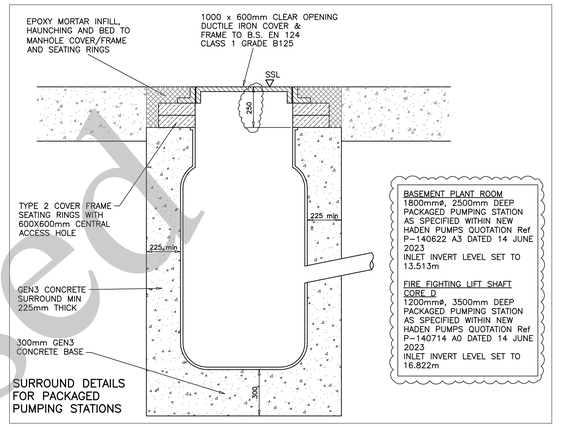
FLOOR GULLY DETAIL



CONCRETE INSTALLATION OF
FORECOURT SEPARATOR



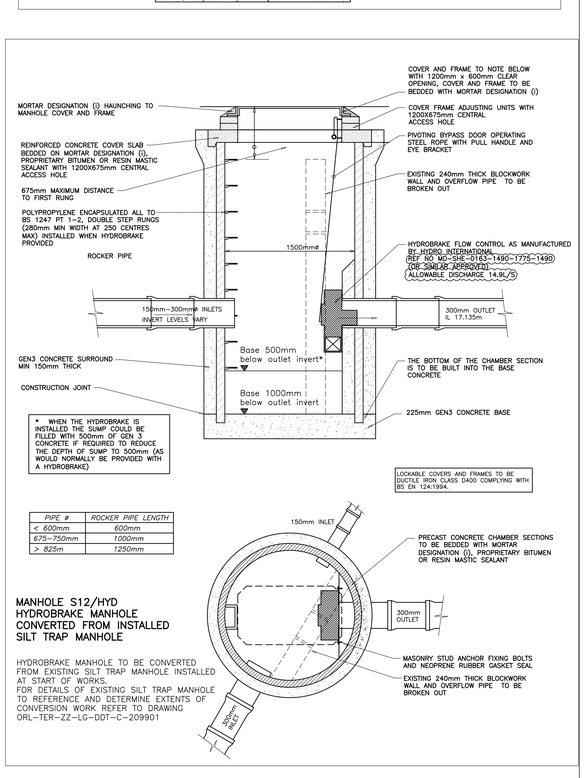
SOIL STACK/DROP
PIPE OVER PILE
CAP DETAIL



SURROUND DETAILS
FOR PACKAGED
PUMPING STATIONS

BASEMENT PLANT ROOM
1800mmø, 2500mm DEEP PACKAGED PUMPING STATION AS SPECIFIED WITHIN NEW HADEN PUMPS QUOTATION Ref P–140622 A3 DATED 14 JUNE 2023
INLET INVERT LEVEL SET TO 13.513m

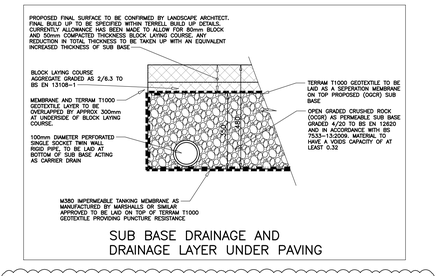
FIRE FIGHTING LIFT SHAFT CORE D
1200mmø, 3500mm DEEP PACKAGED PUMPING STATION AS SPECIFIED WITHIN NEW HADEN PUMPS QUOTATION Ref P–140714 A0 DATED 14 JUNE 2023
INLET INVERT LEVEL SET TO 16.822m



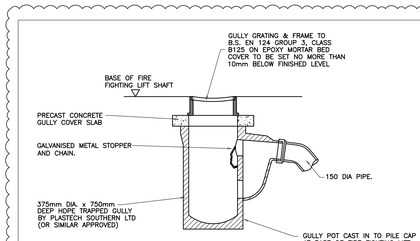
PIPE ø	ROCKER PIPE LENGTH
< 600mm	600mm
675–750mm	1000mm
> 825m	1250mm

MANHOLE S12/HYD
HYDROBRAKE MANHOLE
CONVERTED FROM INSTALLED
SILT TRAP MANHOLE

HYDROBRAKE MANHOLE TO BE CONVERTED FROM EXISTING SILT TRAP MANHOLE INSTALLED AT START OF WORKS.
FOR DETAILS OF EXISTING SILT TRAP MANHOLE TO REFERENCE AND DETERMINE EXTENTS OF CONVERSION WORK REFER TO DRAWING ORL–TER–ZZ–LG–DDT–C–209901



SUB BASE DRAINAGE AND
DRAINAGE LAYER UNDER PAVING



FIRE FIGHTING LIFT SHAFT
GULLY DETAIL

S4	C02	20.06.23	S4 - COORDINATION AMENDMENTS	MDC-SH-03C
S4	C01	30.03.23	S4 - SUBMISSION	MDC-SH-03C
S3	P02	10.03.23	S3 - INTERNAL REVIEW SET	MDC-SH-03C
S2	P01	23.02.23	FIRST ISSUE	MDC-SH-03C
STATUS	REV	DATE	DESCRIPTION	DRAWCHKAPP

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Creating the centre for advancing eye health

ORIGINATOR
Terrell Ltd
The Print Works
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Tel: 020 7403 6111

ORIGINATOR REFERENCE 3098-TERRELL

PROJECT NAME
ORIEL

DRAWING TITLE
DRAINAGE DETAILS

MODEL FILE NAME - REVIZTO
ORL-TER-ZZ-ZZ-DDT-C-209930

SCALE @A1	PROJECT STAGE	STATUS	REVISION
N.T.S.	RIBA 4	S4 - Review and authorisation	C02

DRAWING NUMBER
ORL-TER-ZZ-ZZ-DDT-C-209930

Status: A-1-Approved

The Originator?s duties or liabilities under the terms of the Originator?s agreement with Bouygues UK, shall not be negated or diminished by the review, authorisation or acceptance of any information by or on behalf of Bouygues UK.