A1

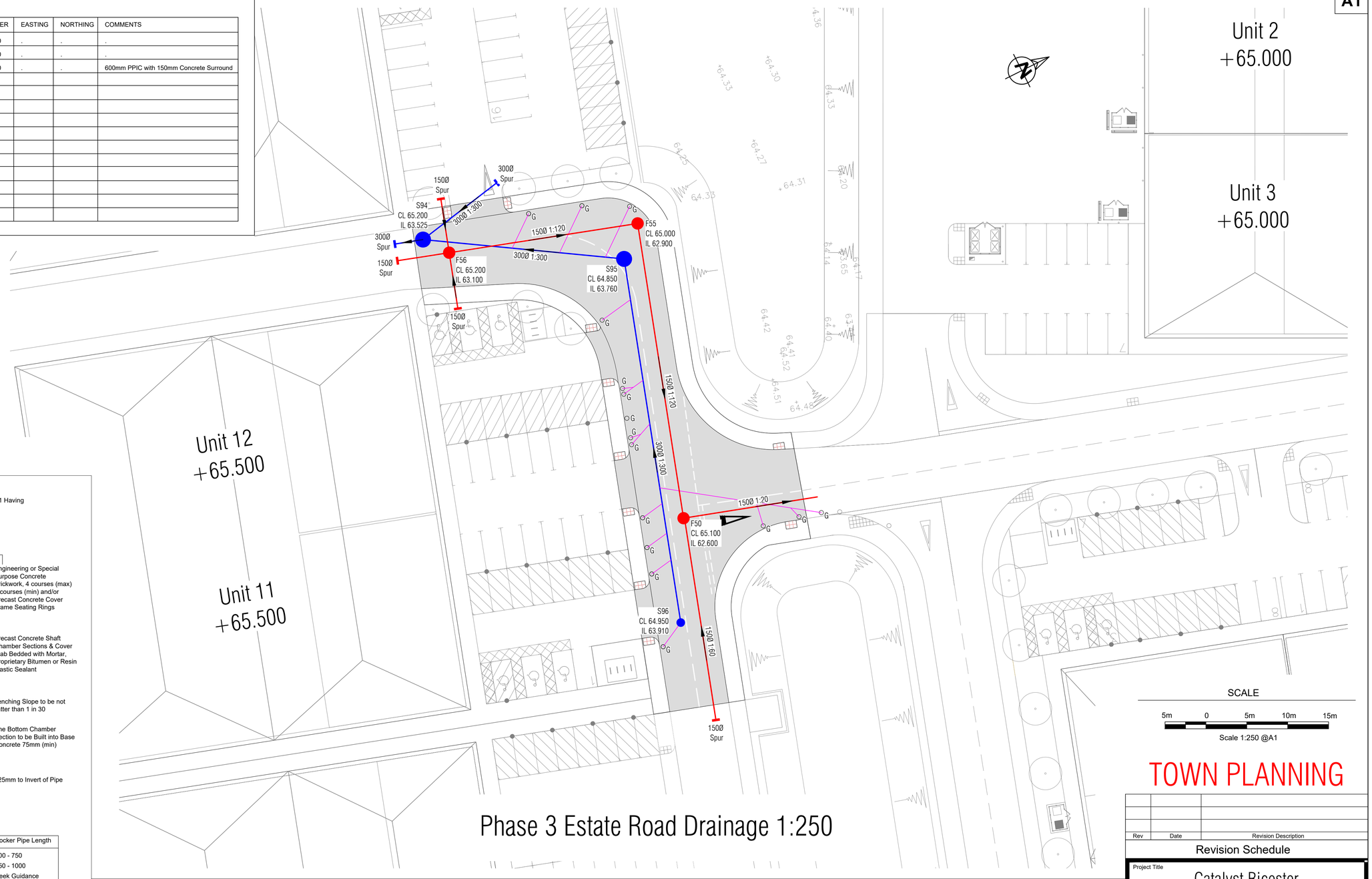
ESTATE ROAD SURFACE / FOUL WATER MANHOLES

MH REF	CL	IL	DEPTH	DIA	OPENING	COVER	EASTING	NORTHING	COMMENTS
S94	65.200	63.525	1675	1200	600x600	D400	.	.	.
S95	64.850	63.760	1090	1200	600x600	D400	.	.	.
S96	64.950	63.910	1040	600	600x600	D400	.	.	600mm PPIC with 150mm Concrete Surround

LEGEND

- INDICATES FOUL WATER MANHOLES
- INDICATES NEW PIPE RUNS
- INDICATES CATALYST RISING MAIN
- INDICATES SURFACE WATER MANHOLES
- INDICATES SURFACE WATER PIPE RUNS
- INDICATES INDICATIVE DAVID LLOYD DRAINS
- INDICATES LINEAR DRAINAGE CHANNELS
- INDICATES ROAD GULLIES

ALL PIPES CONNECTED DIRECTY INTO GULLIES TO BE 150MM DIAMETER (COLOURED MAGENTA ON PLAN)



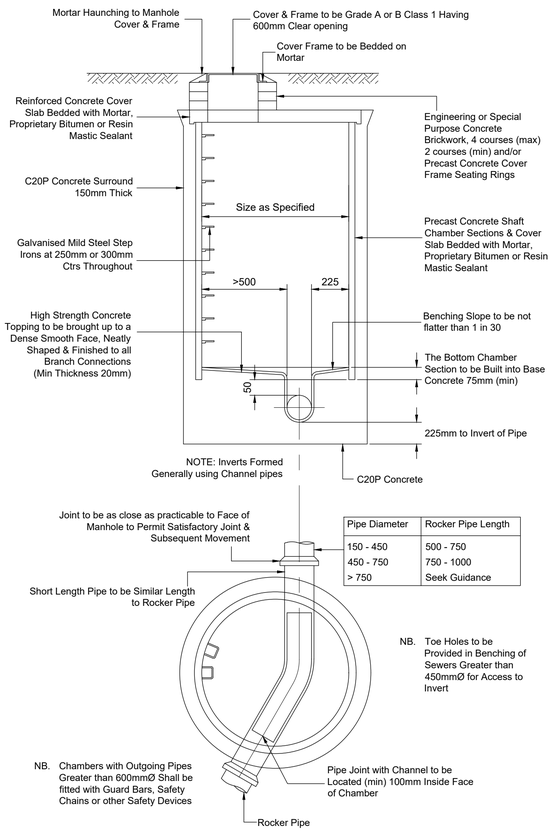
Phase 3 Estate Road Drainage 1:250

SCALE

5m 0 5m 10m 15m

Scale 1:250 @A1

TOWN PLANNING



Pipe Diameter	Rocker Pipe Length
150 - 450	500 - 750
450 - 750	750 - 1000
> 750	Seek Guidance

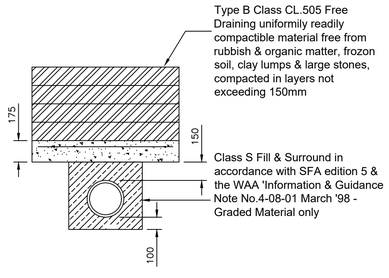
NB. Toe Holes to be Provided in Benching of Sewers Greater than 450mmØ for Access to Invert

NB. Chambers with Outgoing Pipes Greater than 600mmØ Shall be fitted with Guard Bars, Safety Chains or other Safety Devices

NB. THE SAFETY POLICY OF INDIVIDUAL SEWERAGE UNDERTAKERS MAY REQUIRE A LARGER MINIMUM CLEAR OPENING INTO MANHOLES AND THE FITTING OF GUARD BARS, SAFETY CHAINS OR OTHER SAFETY DEVICES. IN MANHOLES WITH OUTGOING PIPES OF LESS THAN 600mm.

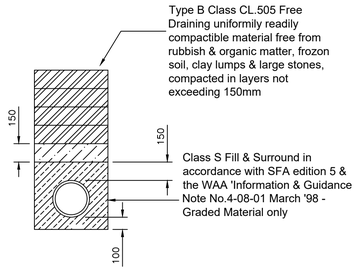
Typical Access Manhole Detail

Scale 1:25



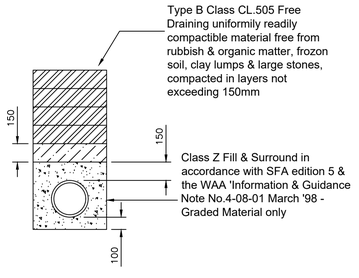
Concrete Protection Detail

Scale 1:25



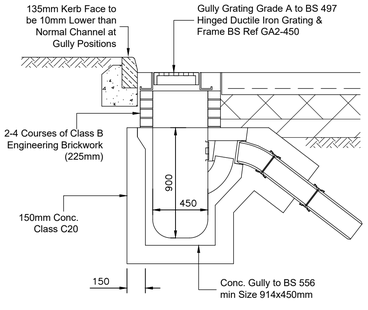
Standard Bedding Detail

Scale 1:25



Concrete Encasement Detail

Scale 1:25



Typical Road Gully Detail

Scale 1:25

Rev	Date	Revision Description

Revision Schedule

Project Title

Catalyst Bicester
Wendlebury Road, Bicester

Client

ALBION LAND

Drawing Title

PHASE 3
Estate Road Drainage Layout

BAILEY JOHNSON HAYES
Consulting Engineers
ST.ALBANS: Suite 4, Phoenix House, 63 Campfield Rd, ST.ALBANS, Herts AL1 5FL
MANCHESTER: Grange House, John Dalton Street, MANCHESTER, M2 6FW

Scale	1:250 @A1
Date	08.12.22
Drawn	DC

Drawing Number

S1358-PH3-12