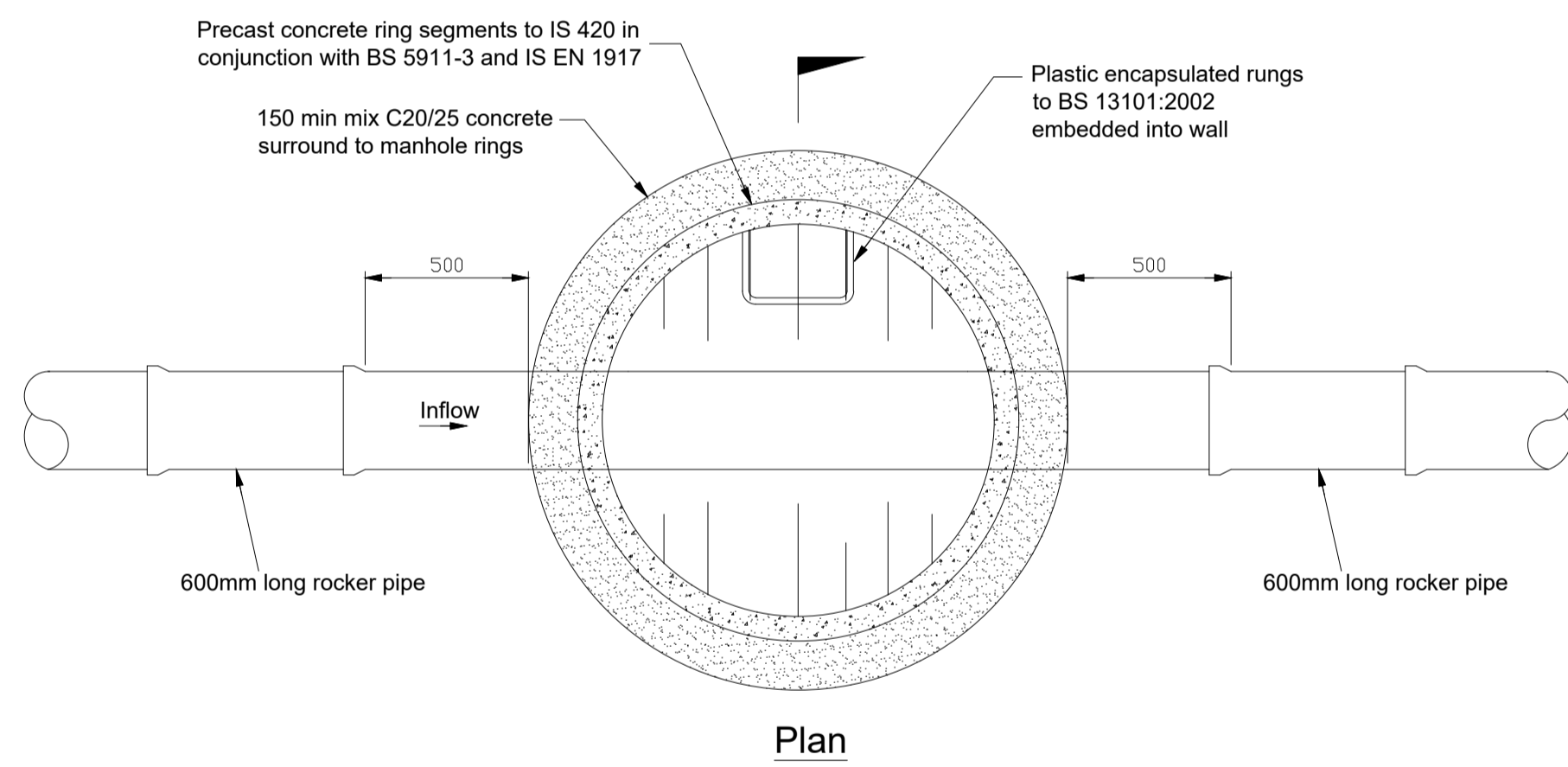


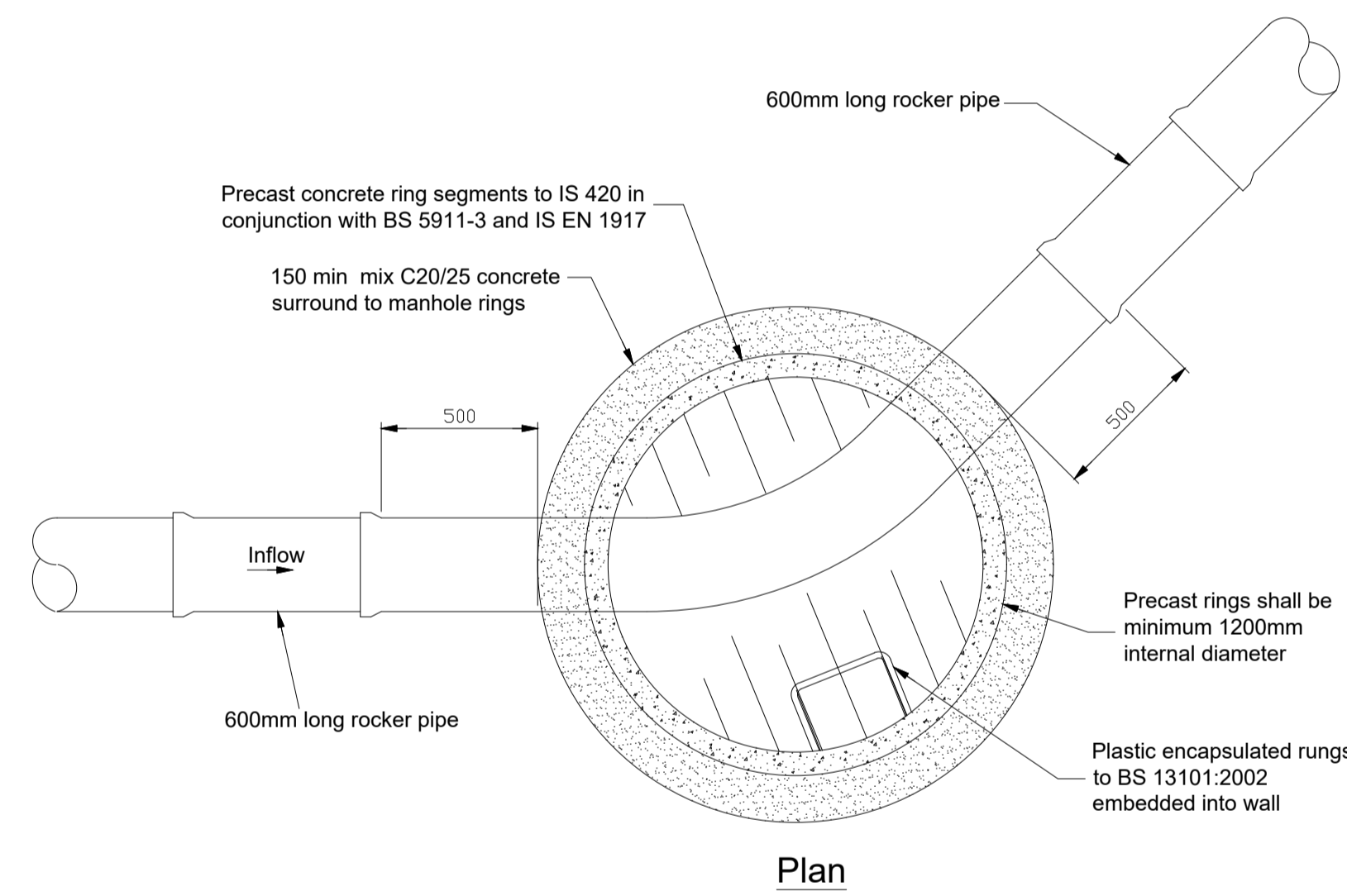
Precast concrete manhole 1.0m to 3.0m deep (Max 300mm pipe size)
Scale 1:20



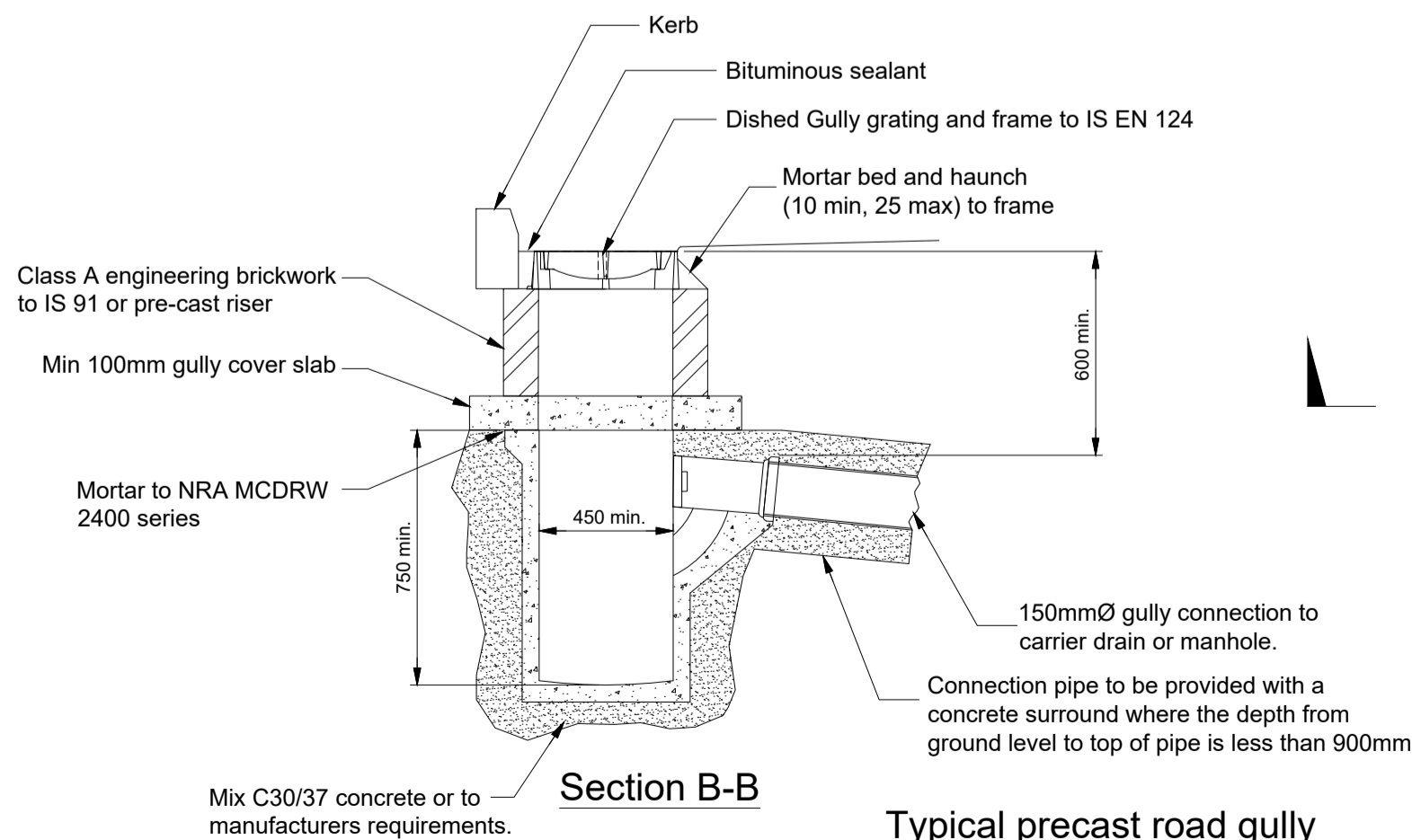
Typical straight through precast concrete manhole (max. 300mm pipe size)
Scale 1:20

Cover slabs and ductile iron cover and frames		
Location	Roads and areas subject to traffic loading	Pedestrian area only
Cover	Heavy duty	Medium duty
Cover slab BS 5911-3	Heavy duty	Heavy duty
D.I. cover and frame to IS EN 124	Class D-400	Class B-125
Operating load	Wheel loads up to 40.0 tonnes	Wheel loads up to 12.5 tonnes

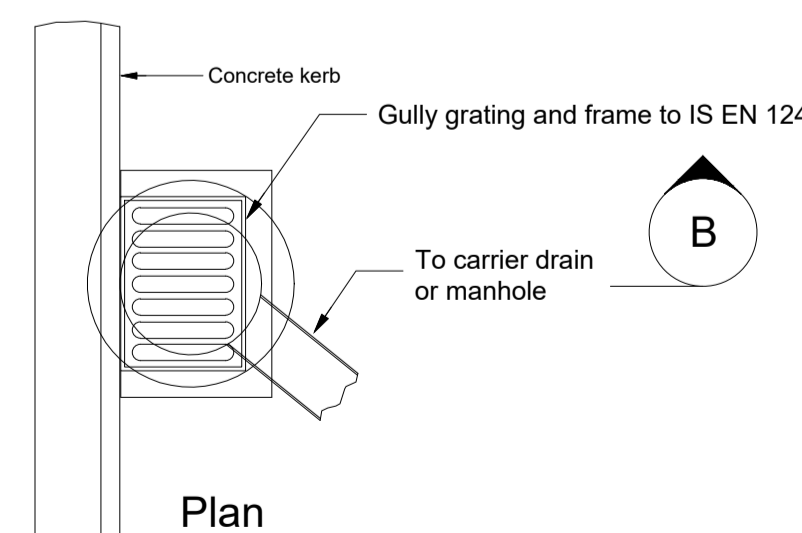
Manhole access size as per table NA.22 BS EN 752		
Depth	< 1.5m cover to pipe soffit	> 1.5m cover to pipe soffit
Min clear opening	1200mm x 675mm	600mm x 600mm



Typical precast concrete manhole with internal bend
Scale 1:20



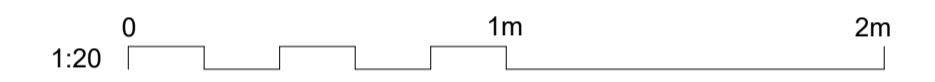
Typical precast road gully
Scale 1:20



Note:
1. Where a gully has a trap the stoppers shall comply with the requirements of BS.5911-4 and IS EN 1917
2. Precast gullies and cover slab to comply with the requirements of BS.5911-6 and IS EN 1917

- Notes
- Design suitable for planning purposes only. Not suitable for construction.
 - This drawing to be read in conjunction with all other drawings and specifications.
 - Do not scale off this drawing. Use figured dimensions only.

Key to symbols



Reference drawings

- 229100428-MMD-00-XX-DR-E-3040 - Overview of Water and Drainage Proposals
- 229100428-MMD-00-XX-DR-E-3041 - Proposed Storm Water Drainage Layout Sheet 1 of 2
- 229100428-MMD-00-XX-DR-E-3042 - Proposed Storm Water Drainage Layout Sheet 2 of 2
- 229100428-MMD-00-XX-DR-E-3043 - Proposed Foul Drainage Layout
- 229100428-MMD-00-XX-DR-E-3044 - Proposed Watermain Layout - Sheet 1 of 2
- 229100428-MMD-00-XX-DR-E-3045 - Proposed Watermain Layout - Sheet 2 of 2
- 229100428-MMD-00-XX-DR-E-3047 - Typical Drainage Details Sheet 2 of 6 - Oil / Fuel Interceptor
- 229100428-MMD-00-XX-DR-E-3048 - Typical Drainage Details Sheet 3 of 6 - Flow Control Chamber
- 229100428-MMD-00-XX-DR-E-3049 - Typical Drainage Details Sheet 4 of 6 - Attenuation Storage Tank -
- 229100428-MMD-00-XX-DR-E-3050 - Typical Drainage Details Sheet 5 of 6 - Compensation Storage Tank
- 229100428-MMD-00-XX-DR-E-3051 - Typical Drainage Details Sheet 6 of 6 - Emergency Shut-Off Valve Chamber

PL1	25/06/2021	SHY	Issued for Planning	DH	TK
Rev	Date	Drawn	Description	Ch'k'd	App'd

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Title
Celtic Interconnector
Converter Station Site (at Ballyadam)
Typical Drainage Details - Sheet 1 of 6
Stormwater Manholes and Gullies

Designed	D.Murphy	Eng check	D.Murphy
Drawn	E.Richardson	Coordination	D.Monaghan
Dwg check	D.Murphy	Approved	T. Keane
Scale at A1	Status	Rev	Security
1:20	APR	PL1	STD

Drawing Number
229100428-MMD-00-XX-DR-E-3046