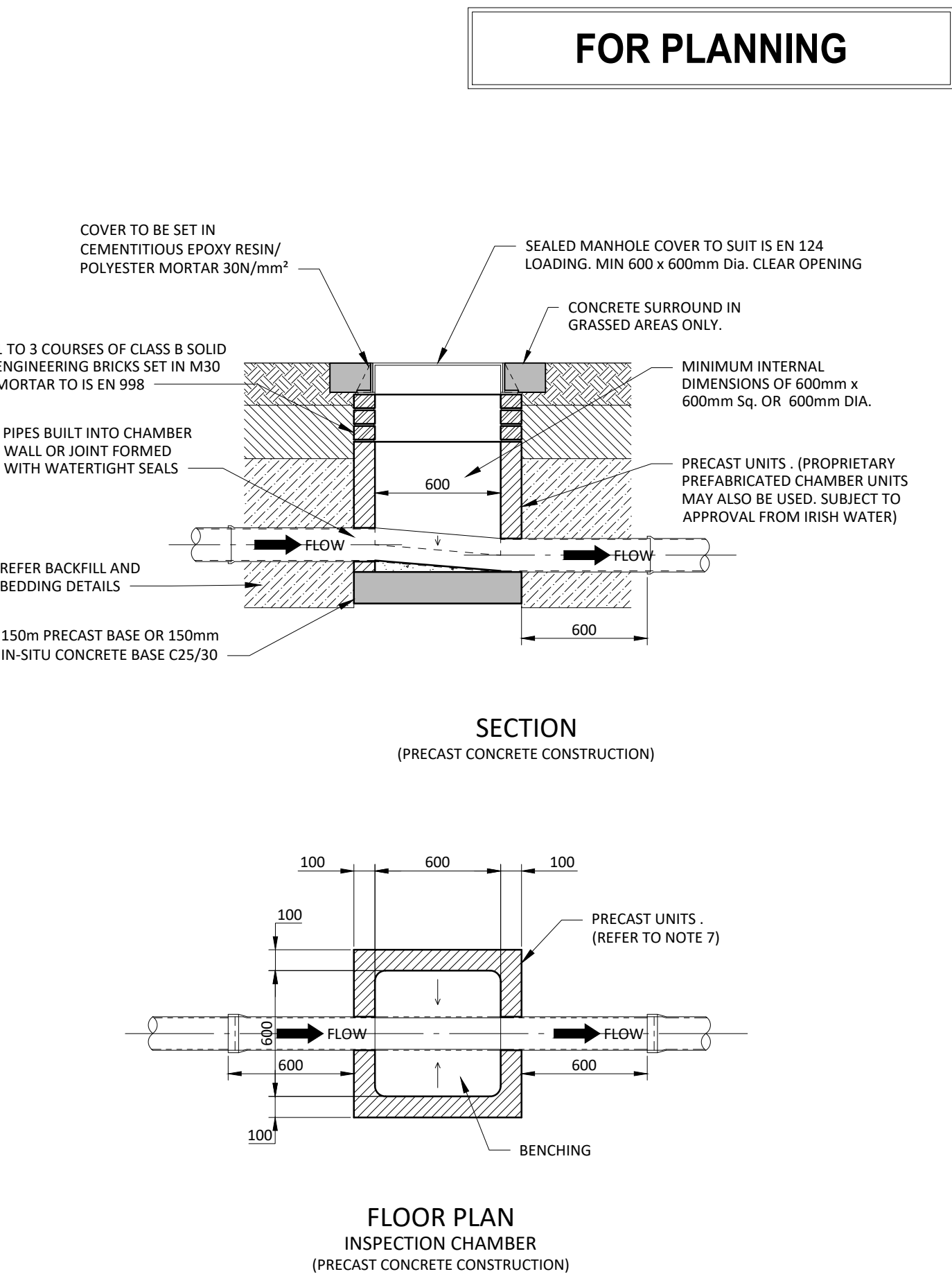


TYPICAL SITE LAYOUT
SCALE 1:200

-
- The diagram shows a plan view of a site boundary and surrounding infrastructure. A dashed red line represents the 'SITE BOUNDARY'. To the left of the boundary is a road with a dashed white line. A circular manhole is located on the road, with a dashed line extending from it to the site boundary. A label 'IRISH WATER RESPONSIBILITY' points to this area. A scale bar indicates '500.000'. To the right of the boundary is a grey area labeled 'DEVELOPER RESPONSIBILITY'. A circular manhole is also located in this area, with a dashed line extending from it to the site boundary. The diagram also shows green areas representing grass or vegetation, and grey areas representing buildings or paved surfaces.



PRIVATE SIDE INSPECTION CHAMBER (PRECAST CONCRETE) TO IRISH WATER DOCUMENT
No. IW-CDS-5030-01. DRAWING No. STD-WW-13 REV3 SCALE 1:25

A1

- PROPRIETARY INSPECTION CHAMBER TO EN13598-2 (FLEXIBLE MATERIAL, SUBJECT TO IRISH WATER APPROVAL) MAX DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE : 1.2m
SEE IRISH WATER DOCUMENT No. IW-CDS-5030-01. DRAWING No. STD-WW-13 REV3

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS NOTED OTHERWISE.
2. THE INSPECTION CHAMBER SHOULD BE LOCATED AT OR WITHIN 1m OF THE PROPERTY BOUNDARY.
3. THE PROPERTY BOUNDARY OF THE UPSTREAM END OF EACH SEWER CONNECTION ON THE PRIVATE SITE OF THE CURTILAGE, IF PRACTICABLE, SHOULD BE CONNECTED TO THE INSPECTION CHAMBER ON ALTERNATIVE LOCATIONS.
4. SEWER CONNECTIONS TO THE INSPECTION CHAMBER FROM THE PROPERTY BOUNDARY IN PUBLIC ASPECT, PIPE UPSTREAM OF THE PROPERTY BOUNDARY IS A PRIVATE DRAIN AND SHOULD BE CONSTRUCTED IN ACCORDANCE WITH THE BUILDING REGULATIONS.
5. ACCESS TO THE INSPECTION CHAMBER SHOULD BE LOCATED SO THAT THEY ARE ACCESSIBLE AND APPARENT TO THE MAINTENANCE AT ALL TIMES FOR USE. THEY SHOULD AVOID REAR GARDENS OR ENCLOSED LOCATIONS AND SHOULD NEVER OVERLOOK A ROAD OR HIGHWAY.
6. COVERS AND FRAMES SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS SUBJECT TO REVIEW BY IRISH WATER.
7. 200mm ALL ROUND, 1000mm DP, CONCRETE PLINTH AROUND COVERS IN GREEN AREAS.
7. PROPRIETARY PREFABRICATED CHAMBER UNITS MAY ALSO BE USED, SUBJECT TO REVIEW BY IRISH WATER. SEE STD-WW-13v (Irish water details).
8. CHAMBERS SHALL BE SURROUNDED BY A MINIMUM OF 150mm COMPACTED CLASS 804 OR CLASS 808 MATERIAL AS PER STD-WW-13v (Irish water details).
9. MAXIMUM FRO, COVER LEVEL TO INVERT OF PIPE = 1.2m. INTERNAL DIMENSIONS GREATER THAN 600 x 600 OR 600 Ø REQUIRED WHERE DEPTHS EXCEED 1.2m - CONSULT IRISH WATER.
10. SMALLER INSPECTION CHAMBERS WITH INTERNAL DIMENSIONS OF 450 Ø OR 450 x 450 MAY BE PERMITTED WITH APPROVAL BY IRISH WATER WHERE CONFINED PHYSICAL CONDITIONS EXIST.
11. PREFABRICATED UNITS HAVE WATER TIGHT JOINTS AND SHOULD BE INSTALLED TO PREVENT LATERAL MOVEMENT OF INDIVIDUAL SECTIONS OF THE UNIT.



DRAIN AND SERVICE CONNECTION PIPE WORK
TO IRISH WATER DOCUMENT No. IW-CDS-5030-01. DRAWING No. STD-WW-03 REV 2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS NOTED OTHERWISE.
2. AN INSPECTION CHAMBER SHOULD BE LOCATED AT OR WITHIN 1m OF THE PROPERTY BOUNDARY AT THE UPSTREAM END OF EACH SERVICE CONNECTION ON THE PRIVATE SIDE OF THE CURTILAGE, IF PRACTICABLE. CONSULT WITH IRISH WATER ON ALTERNATIVE LOCATIONS.
3. ANY PIPE AND ASSOCIATED ACCESS UPSTREAM OF THE POINT OF CONNECTION TO A PUBLIC SEWER WITHIN THE CONFINES OF A PRIVATE BOUNDARY IS A PRIVATE DRAIN AND SHOULD BE CONSTRUCTED IN ACCORDANCE WITH BUILDING REGULATIONS.

PROPERTY OWNER MAINTENANCE RESPONSIBILITY

WITHIN 1000mm SEE NOTE 2

PROPERTY-BOUNDARY

MAINTENANCE RESPONSIBILITY OF THE WASTEWATER SERVICE CONNECTIONS FROM THE SEWER TO THE PROPERTY IS SET OUT IN THE PIPE MAINTENANCE RESPONSIBILITY DIAGRAMS INCLUDED ON THE IRISH WATER WEBSITE @ WWW.WATER.IE

FOOTPATH

ROAD

SEWER IRISH WATER RESPONSIBILITY

SLIDING COUPLING

45° LONG RADIUS BEND

CONNECTION PIPE

ROLLED 45° LONG RADIUS BEND

45° ANGLE JUNCTION OR OBLIQUE PIPE SADDLE. SEE DRAWING STD-WW-04 FOR DETAILS

GRANULAR MATERIAL AS PER BACKFILLING DRAWING STD-WW-07

FLOW

VARIES

VARIES MAX. 150mm

PIPE SIZES (mm)	GRADIENT
100	1:40 - 1:80

LED TO
REMENTS

DETAIL OF INSPECTION
CHAMBER SEE DRAWING
D-WW-13

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