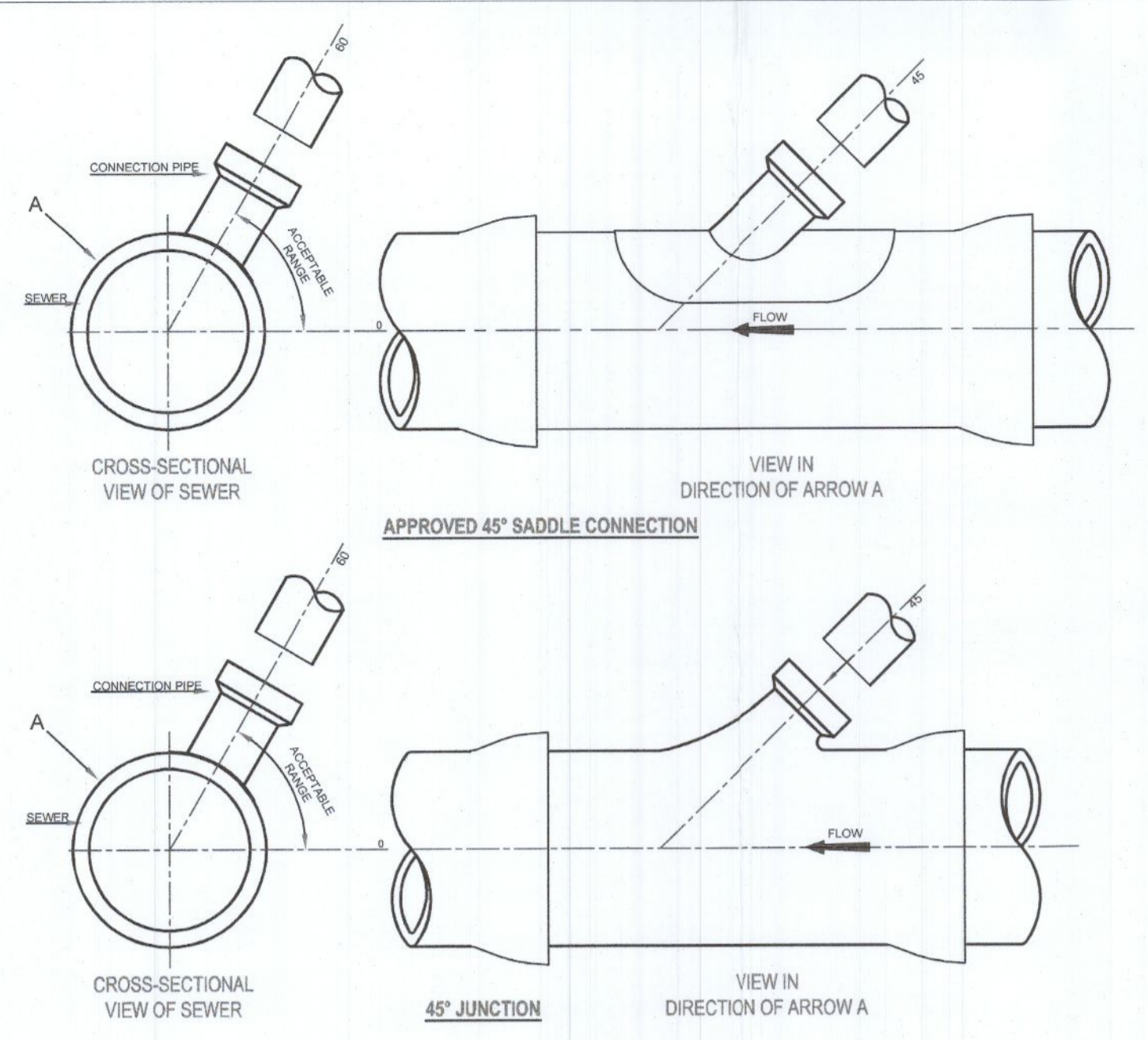
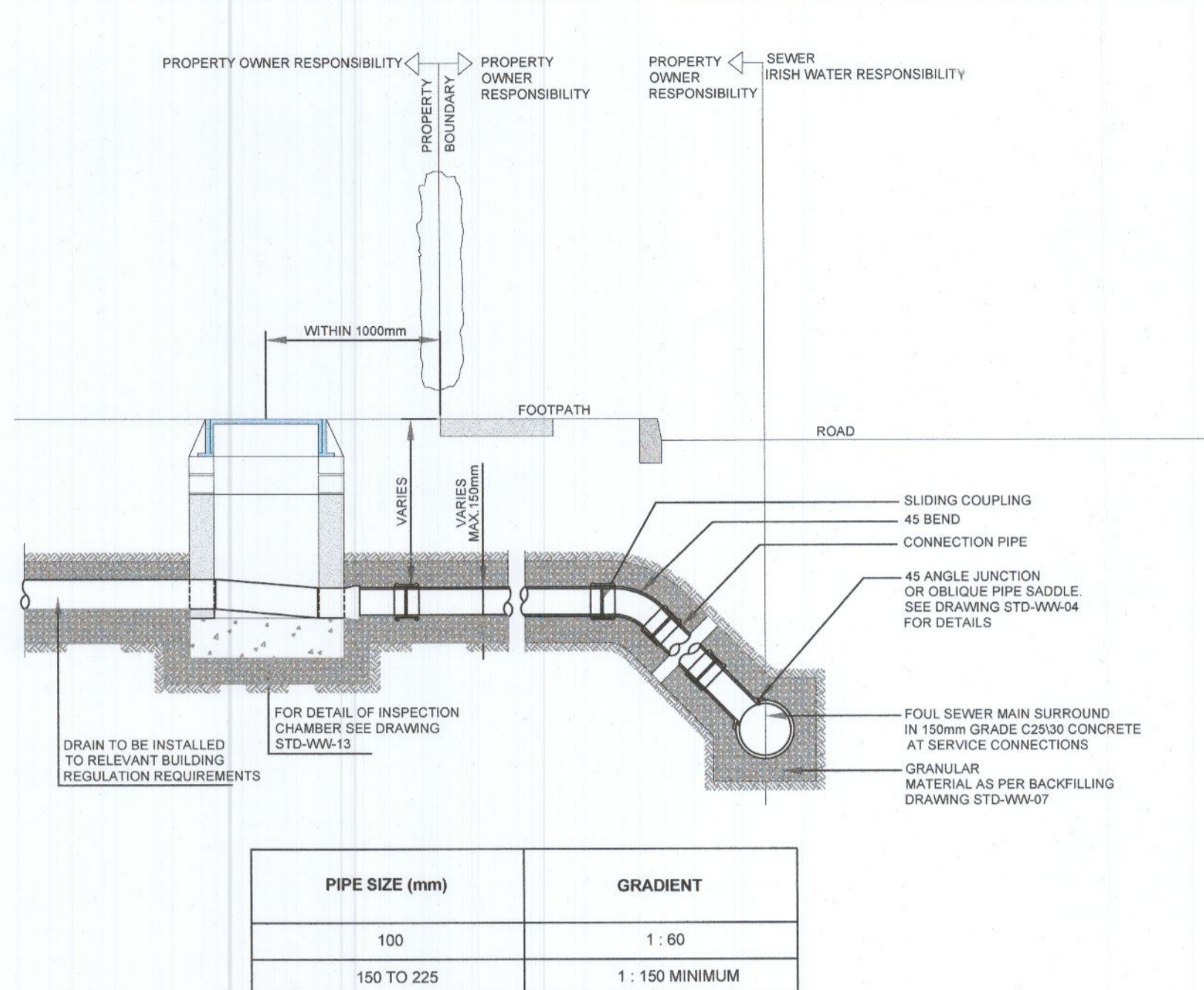


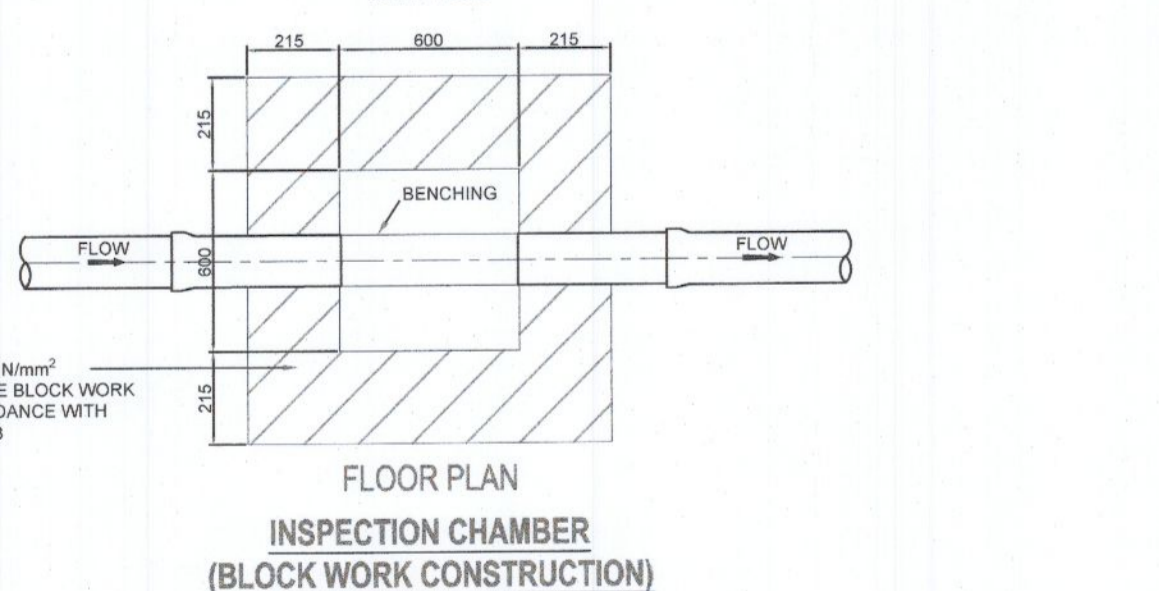
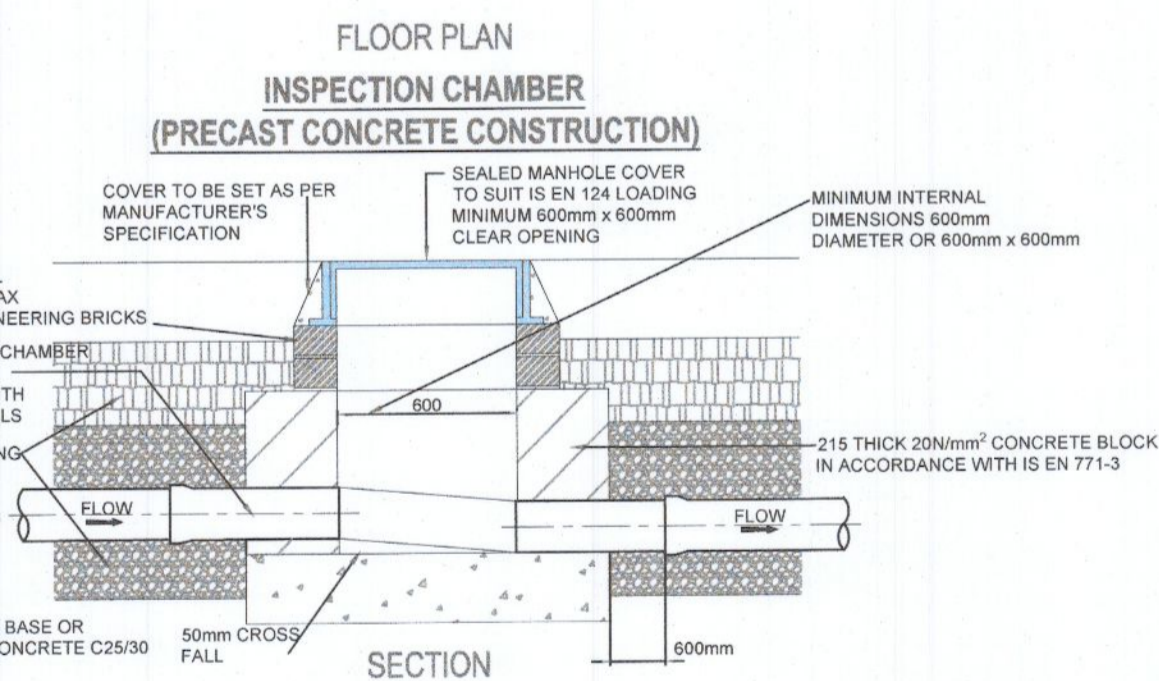
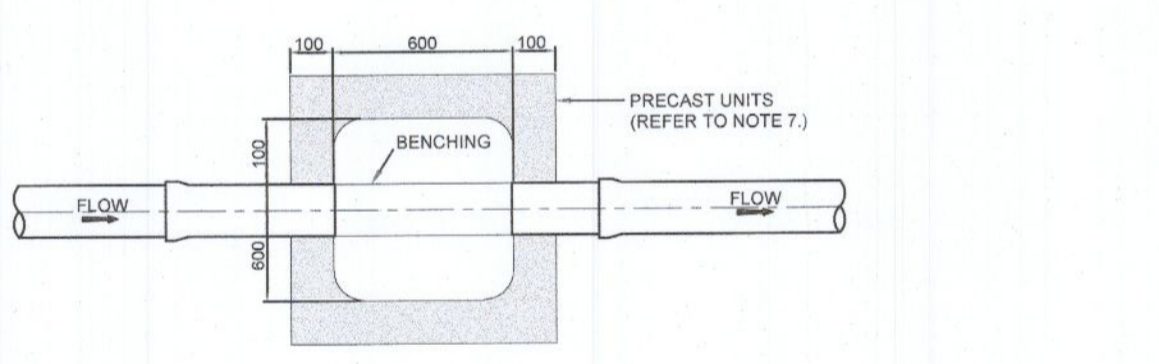
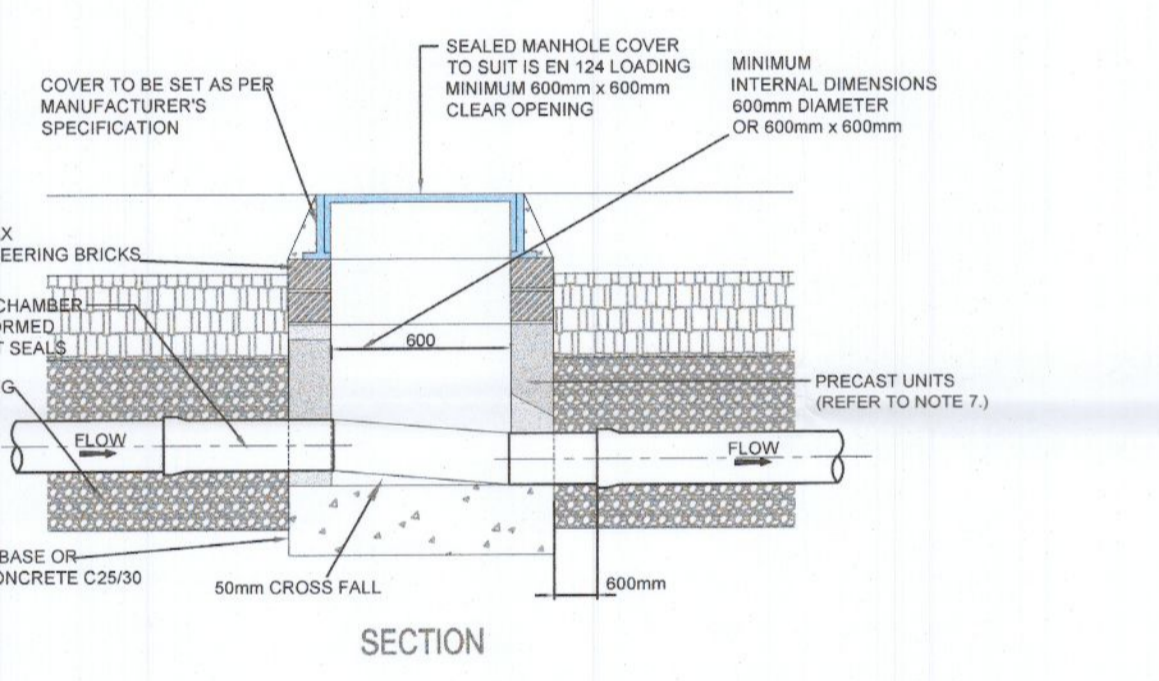
**TYPICAL LAYOUT OF SERVICES IN FOOTPATH / ROAD**  
**TYPICAL LAYOUT FOR SEWER**  
**WITHIN NEW DEVELOPMENTS**  
**DRAWING No. STD-WW-02**



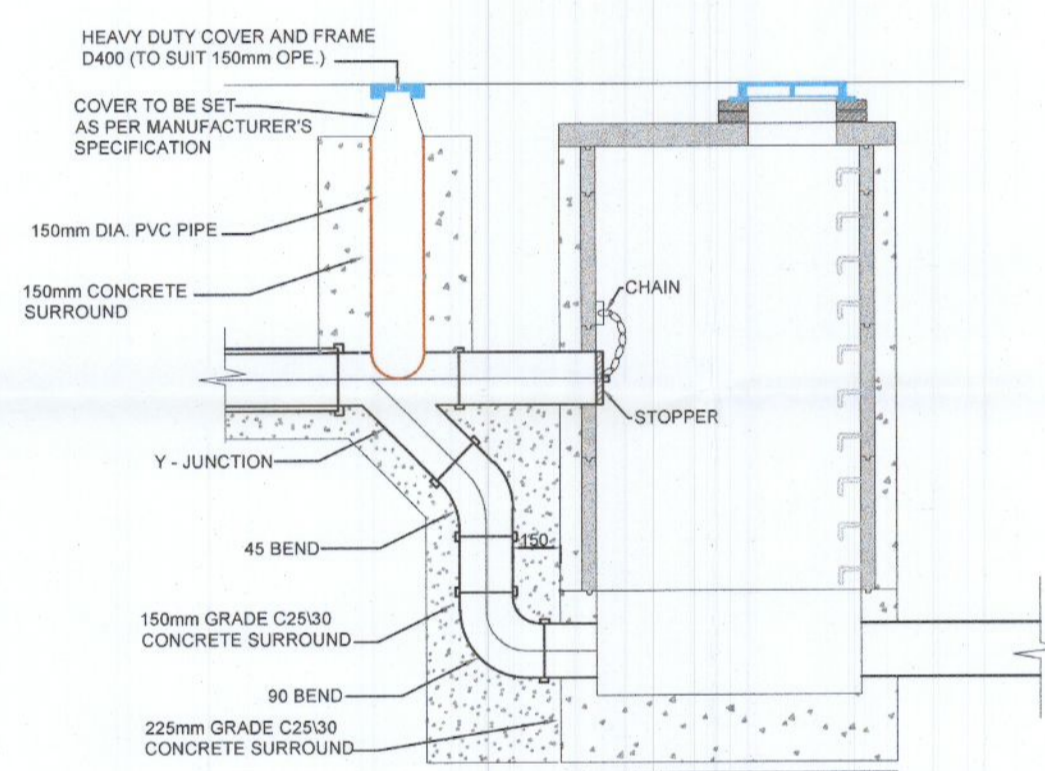
**TYPICAL SEWER / SERVICE PIPE CONNECTION**



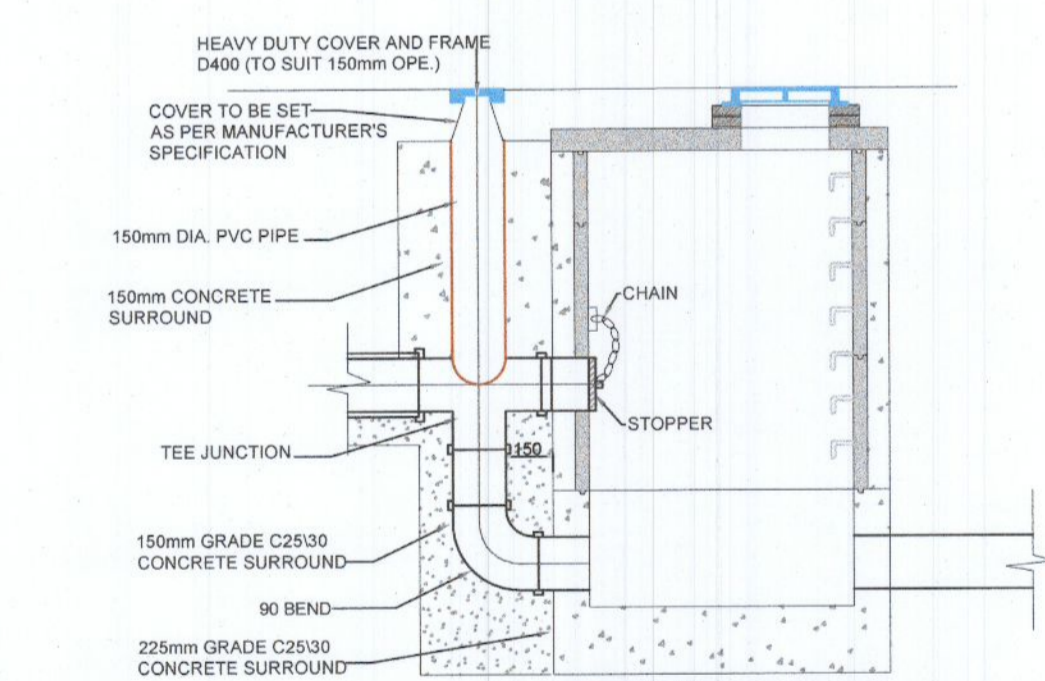
**DRAIN AND SERVICE CONNECTION PIPEWORK**



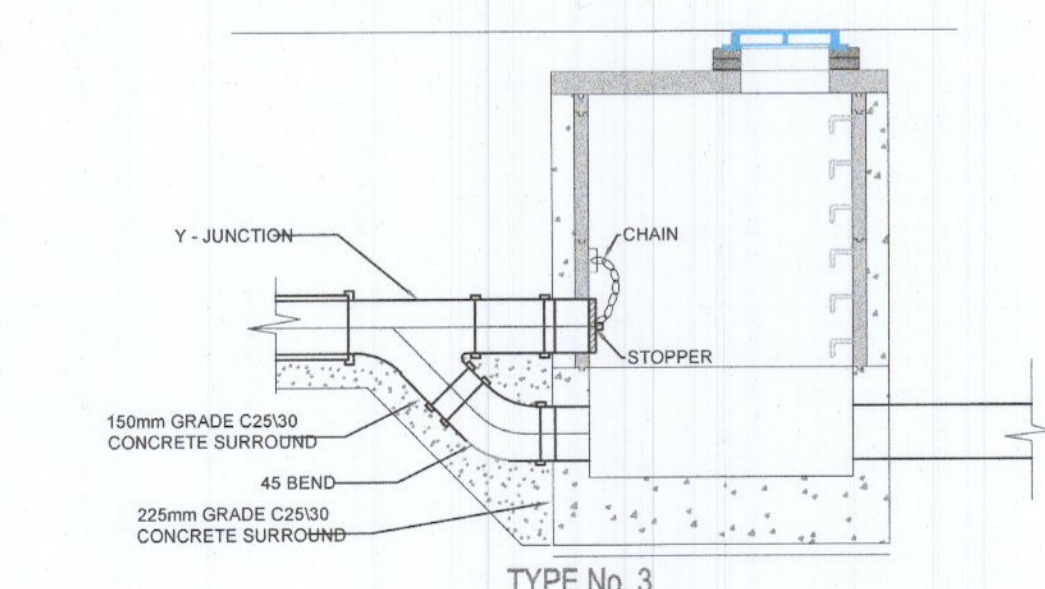
**PRIVATE SIDE INSPECTION CHAMBER**



**TYPE No. 1**  
 150mm - 450mm DIA. (INCL.) DROP GREATER THAN 1700mm  
 500mm - 900mm DIA. (INCL.) DROP GREATER THAN 2300mm

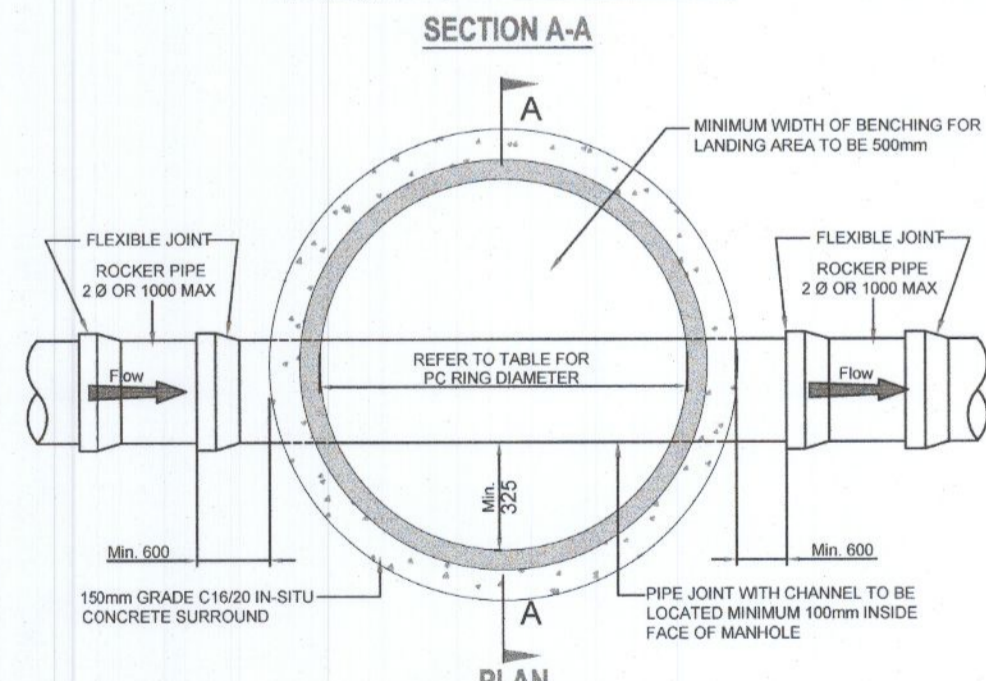
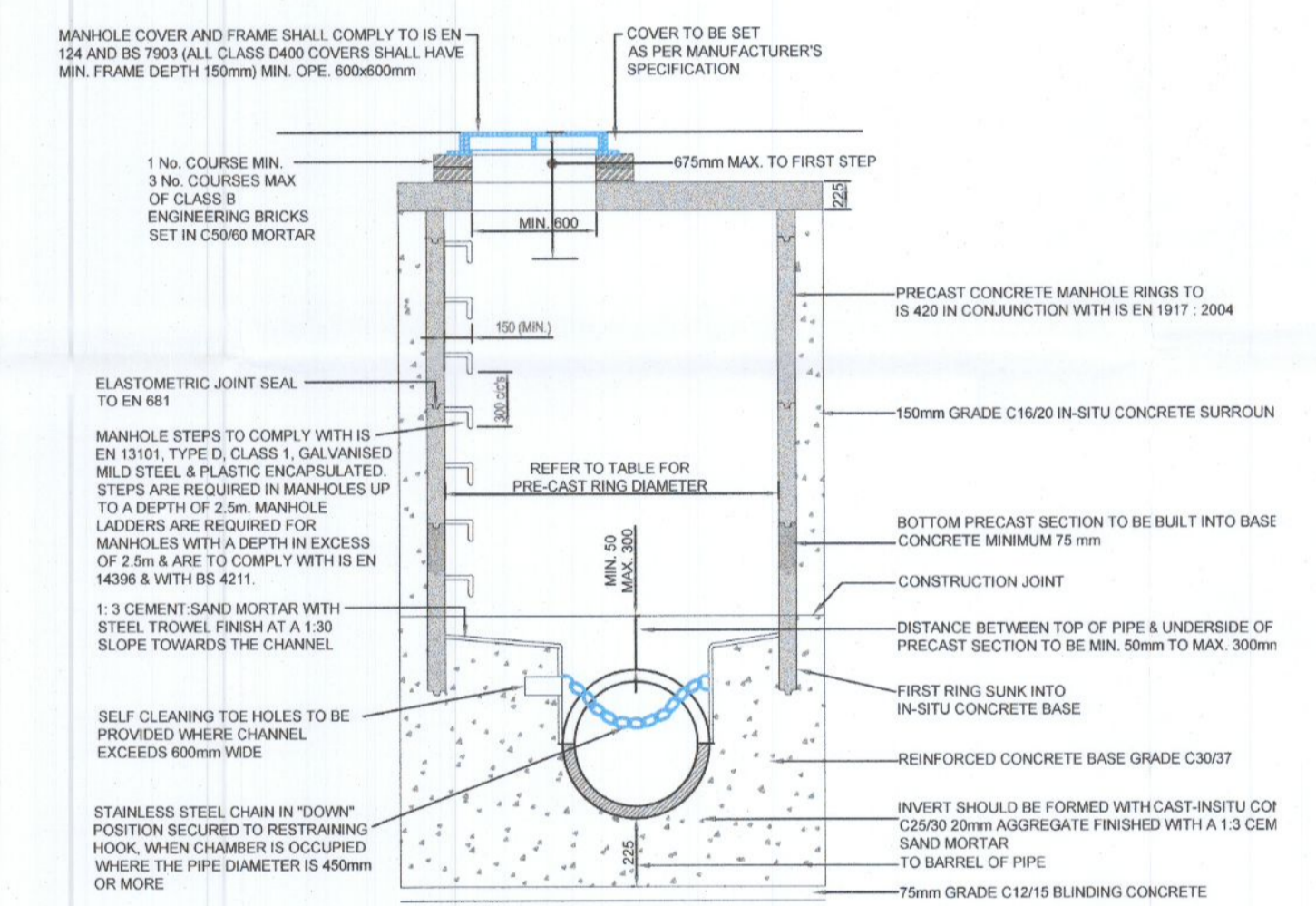


**TYPE No. 2**  
 150mm - 450mm DIA. (INCL.) DROP GREATER THAN 900 AND LESS THAN 1700mm  
 500mm - 900mm DIA. (INCL.) DROP GREATER THAN 1300mm AND LESS THAN 2300mm



**TYPE No. 3**  
 150mm - 450mm DIA. (INCL.) DROP GREATER THAN 600mm AND LESS THAN 900mm  
 500mm - 900mm DIA. (INCL.) DROP GREATER THAN 600mm AND LESS THAN 1300mm

**BACKDROP MANHOLES**

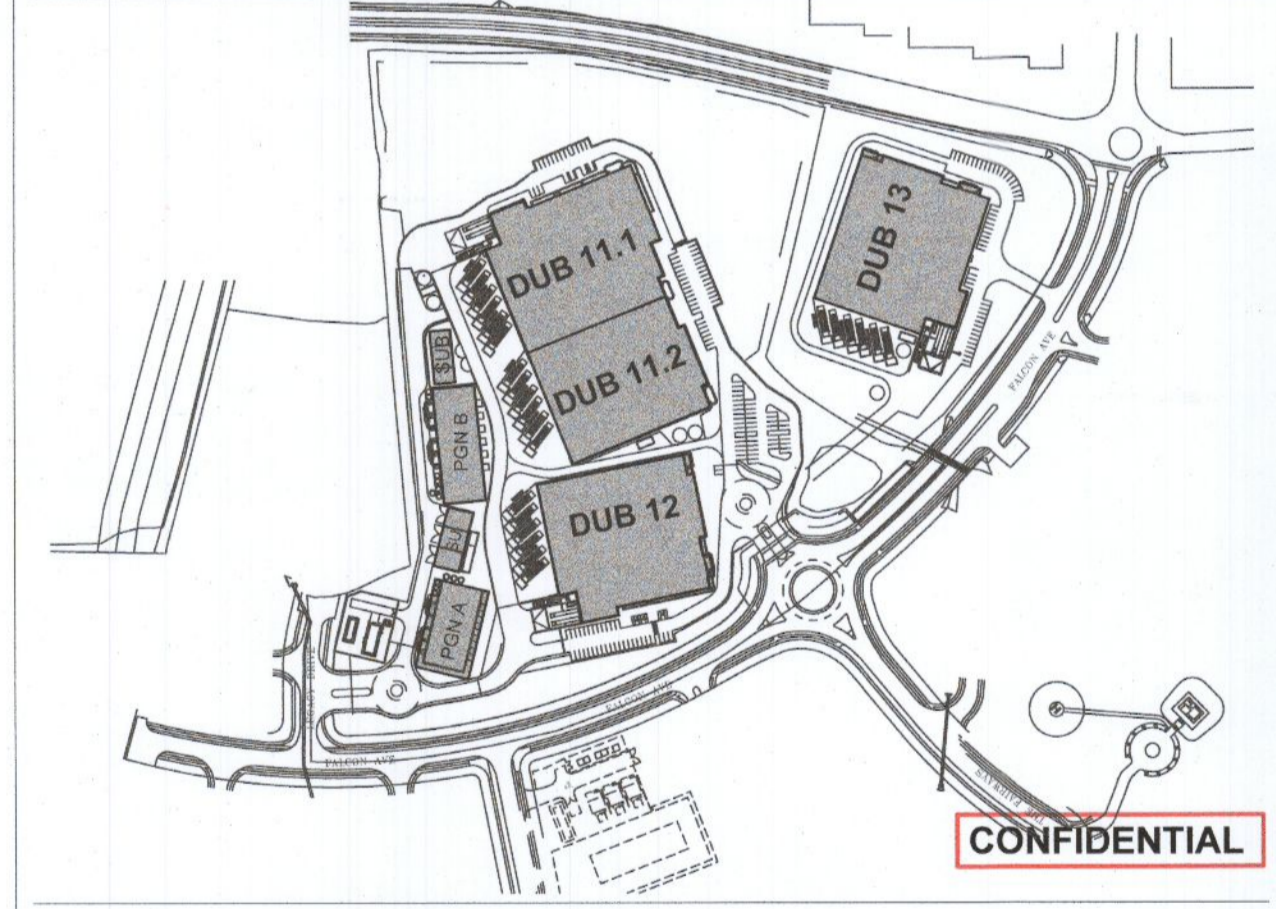


MINIMUM MANHOLE DIAMETERS	
DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375	1200
375 TO 450	1350
500 TO 750	1500

**PRE-CAST CONCRETE MANHOLE**

**PLANNING SUBMITTAL**  
**NOT FOR CONSTRUCTION**

Rev	Date	Drawn By	Checked By	Description
V2	09/09/2022	AMB	SO'R	ISSUED FOR PLANNING



Client: **VANTAGE**  
 Mechanical/ Electrical/ Public Health/ Automation/ Telecoms/ Security / Fire Protection Engineer

Architect: **HYPHEN ARCHI (IRELAND) LTD**  
 Unit G2, Avonmore House, Hill Street Monaghan, H18 H528 Republic of Ireland

Structural/ Civils Engineer: **BURNS McDONNELL**  
 10 Bishops Square London E1 6AQ United Kingdom

Structural/ Civils Engineer: **PINNACLE CONSULTING ENGINEERS**  
 Alchemy, Bessmer Rd, Welwyn Garden City, AL7 1HE United Kingdom

BM coordinator: **AMB** Approved by: **JM** Checked by: **SO'R** Drawn by: **AMB**

Project address: **Profile Park, Dublin 22, Ireland**  
 53° 19' 1.40"N 6° 26' 40.80"W

Drawing title: **DRAINAGE DETAILS** Sheet number: **C500**

Format / Size: **A1 594x841** Scale: **1:500** Status: **ISSUED** Date: **09/09/2022** File Code: **DUB13-DR-XX-C500-V2-WS3-PIN** Rev: **V2**