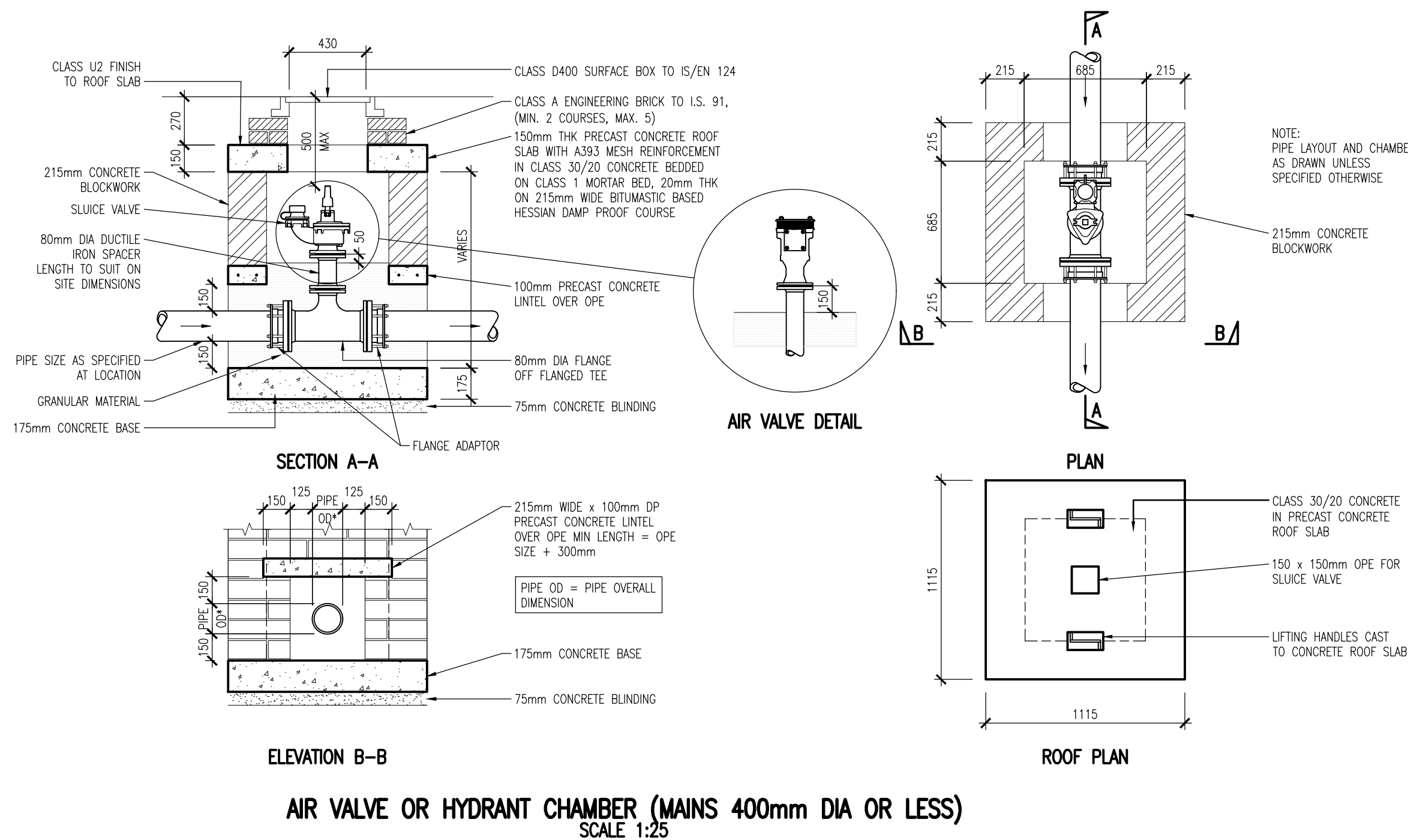
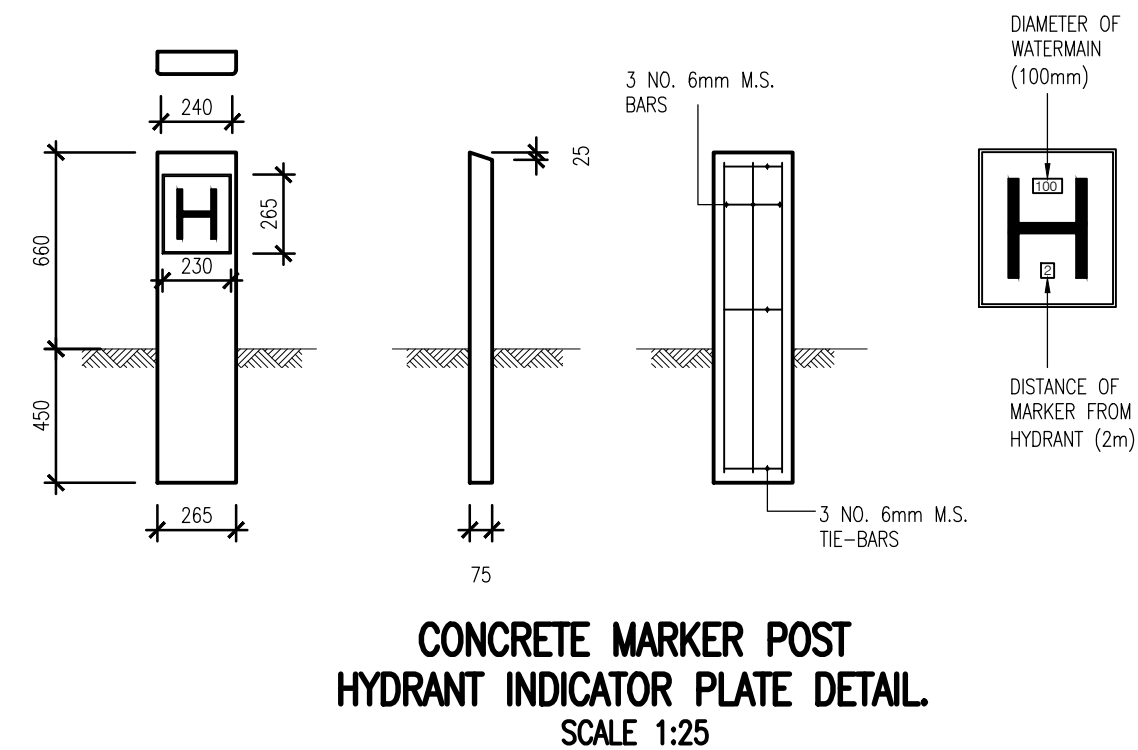
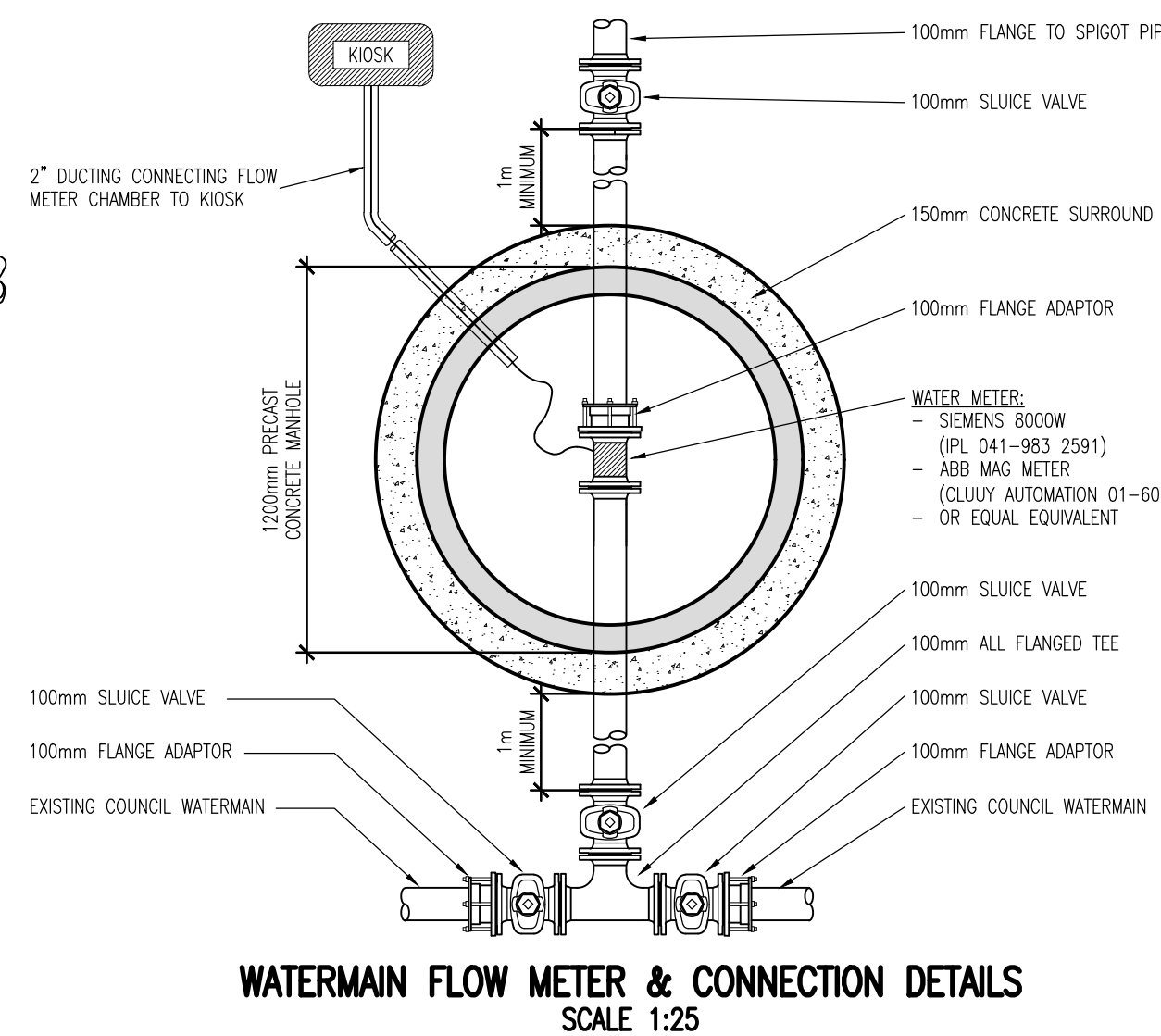
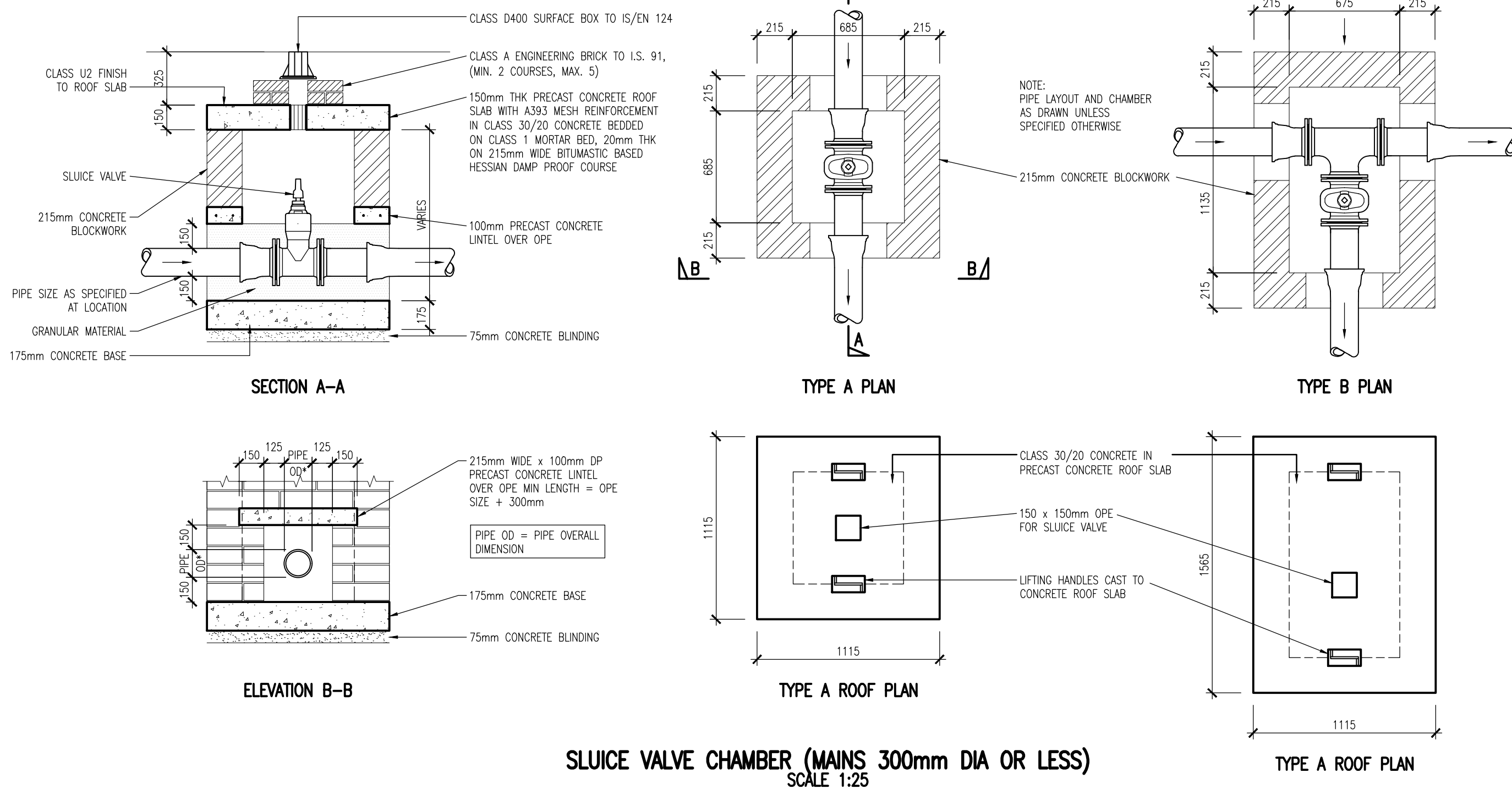


WATERMAIN TRENCHING DETAILS
SCALE 1:25



- NOTES
- ALL WORKS TO COMPLY WITH THE CURRENT BUILDING REGULATIONS, WATER BYELAWS AND LOCAL AUTHORITY REQUIREMENTS.
 - ALL CHAMBERS SHALL BE CONSTRUCTED TO SUCH DEPTHS SO AS TO GIVE MINIMUM COVER REQUIRED FOR PIPES IN ACCORDANCE WITH THE FOLLOWING:
IN TRAFFICKED AREAS = 1200mm
IN VERGE = 900mm
 - WATERMAIN TO BE CONSTRUCTED AS 100mmØ CLASS C, EXCEPT UNDER ROADWAYS WHERE DUCTILE IRON PIPE CLAUSE K9 SHALL BE USED.
 - ALL SLUICE VALVES SHALL BE DOUBLE FLANGED, DUCTILE IRON RESILIENT SEAL GATE VALVES FOR WATERMAIN PURPOSES AND SHALL COMPLY WITH THE RELEVANT REQUIREMENTS OF THE DEPARTMENT OF ENVIRONMENT RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS AND LOCAL AUTHORITY SPECIFICATIONS.
 - HYDRANTS SHALL BE MANUFACTURED IN ACCORDANCE WITH BS 750: 1984, TYPE 2 AND SHALL INCORPORATE A SCREW-DOWN VALVE, UNDERGROUND "GUIDE" IN HEAD, HEAD TYPE, WITH BAYONET LUG OUTLETS AND FALSE SPINDLE CAP.
 - VALVE AND HYDRANT CHAMBERS WHEN INSTALLED SHALL BE COVERED WITH APPROVED HEAVY-DUTY METAL SURFACE COVERS TO IS EN 124: 1994, AND SHALL COMPLY WITH THE LOCAL AUTHORITY SPECIFICATIONS.
 - HYDRANT INDICATOR PLATES AND BASEBOARDS SHALL COMPLY WITH B.S. 3251 WHILE SLUICE VALVE INDICATOR PLATES AND BASEBOARDS SHALL COMPLY WITH THE LOCAL AUTHORITY REQUIREMENTS. THEY SHALL BE MOUNTED AT THE BOUNDARY OF THE PUBLIC THOUROUGHFARE NEAREST TO THE HYDRANT OR VALVE.
 - DRAINAGE MUST BE PROVIDED TO ENSURE THAT THE CHAMBERS CANNOT BECOME FLOODED WITH SURFACE OR GROUND WATER.
 - ALL DUCTILE IRON WATERMAIN MUST BE WRAPPED WITH A POLYTHENE 1000 GAUGE SLEEVING.
 - ALL SERVICE PIPES, CONNECTIONS AND WATER CONTROL UNITS SHALL BE AS PER OVERSEEING LOCAL AUTHORITY REQUIREMENTS.

PP4	09/10/19	PLANNING (ABP)	SM	GD	
PP3	13/09/19	ISSUED TO IRISH WATER	SM	GD	
PP2	29/04/19	PRE-PLANNING MTG (ABP)	SM	GD	
PP1	20/11/18	PRE-PLANNING TO SDCG	PTC	GD	
Rev	Date	Description	By	Chk	

PLANNING		
gdcl CONSULTING ENGINEERS		
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75 Shelton Street, Covent Garden, London WC2H 9JQ		
PROJECT Cookstown Cross, Fourth Avenue Cookstown Industrial Estate		
CLIENT Steelworks Property Developments Limited		
DRAWING TITLE Typical Civil Details Sheet 3		
dm. by: PTC	date: JUL 16	scale: 1:500
drawing size: A1	chk: TM	app: GD
job no: P-1606	drg. no: P-1606-C-105	rev: PP4