









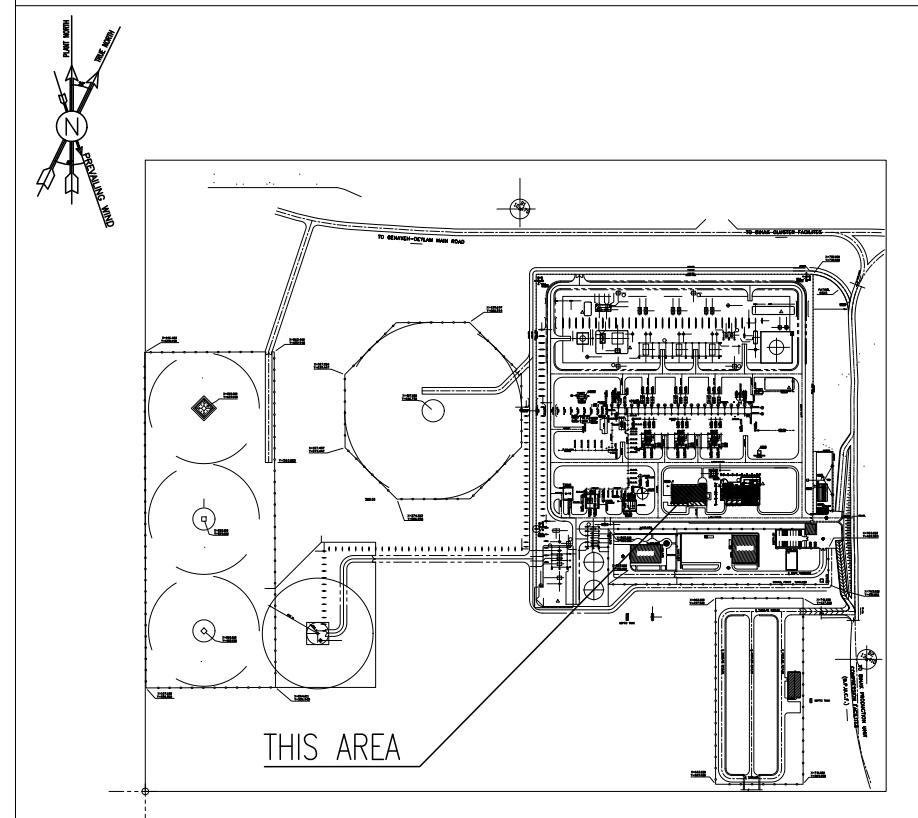


100	CONTROL ROOM
101	UPS
102	BATTERY ROOM
103	PANTRY
104	DINING ROOM
105	ENTRANCE
106	MANAGEMENT ROOM
107	CONFERENCE ROOM
108	ARCHIVE
109	LOCKER
110	PRAYER ROOM
111	STORE
112	CORRIDOR
113	AIR LOCK

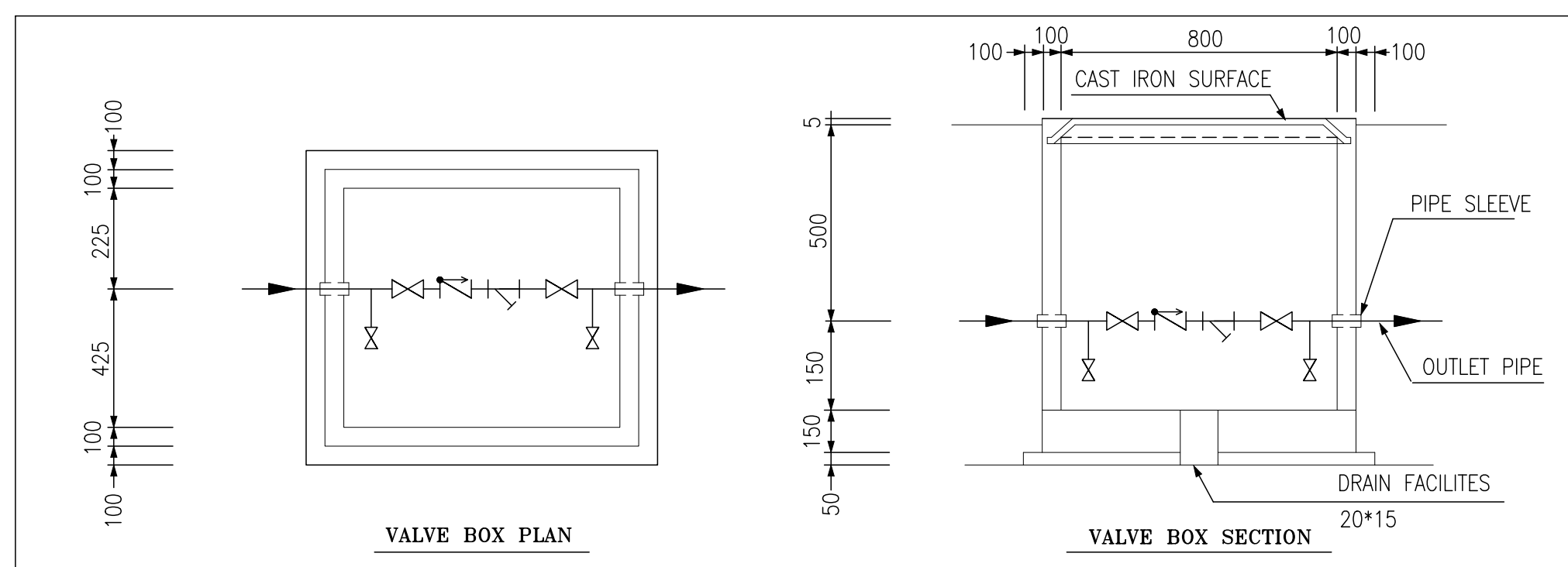
LEGEND	
	DOMESTIC COLD WATER LINE
	VENT LINE
	SEWAGE LINE
	DIRECTION OF FLOW
	GATE VALVE (NORMAL OPEN)
	GATE VALVE (NORMAL CLOSED)
	GLOBE VALVE
	CHECK VALVE (SWING TYPE)
	STRAINER (Y-TYPE)
	BOTTOM OF PIPE

REFERENCE DRAWING	DRG. NO.
HVAC & Plumbing Design Criteria	BK-GN-PL-PEDCO-000-HY-DC-0001
Specification For HVAC Equipment	BK-GN-PL-PEDCO-000-HY-DW-S001
Specification For Duct Work & Pipe Work	BK-GN-PL-PEDCO-000-HY-SP-0002
Standard Drawing For HVAC & Plumbing	BK-GN-PL-PEDCO-000-HY-DW-0001
Symbol & Legend For HVAC & Plumbing	BK-GN-PL-PEDCO-000-HY-DW-0002
Architectural Detail Drawing For Extension of EXISTING Central Building	BK-GCS-PEDCO-120-AR-DW-0011
11/C Piping Plant	BK-GCS-PEDCO-120-PI-DW-0005
Site Sewerage System Layout & Details	BK-GCS-PEDCO-120-CY-PI-0001
Unit Plot Plan Drawing	BK-PPL-PEDCO-120-PI-PI-0001
BACS-Central Building Plumbing Plan-As-Built Drawings	8001-DWG-EN-014

KEY PLAN



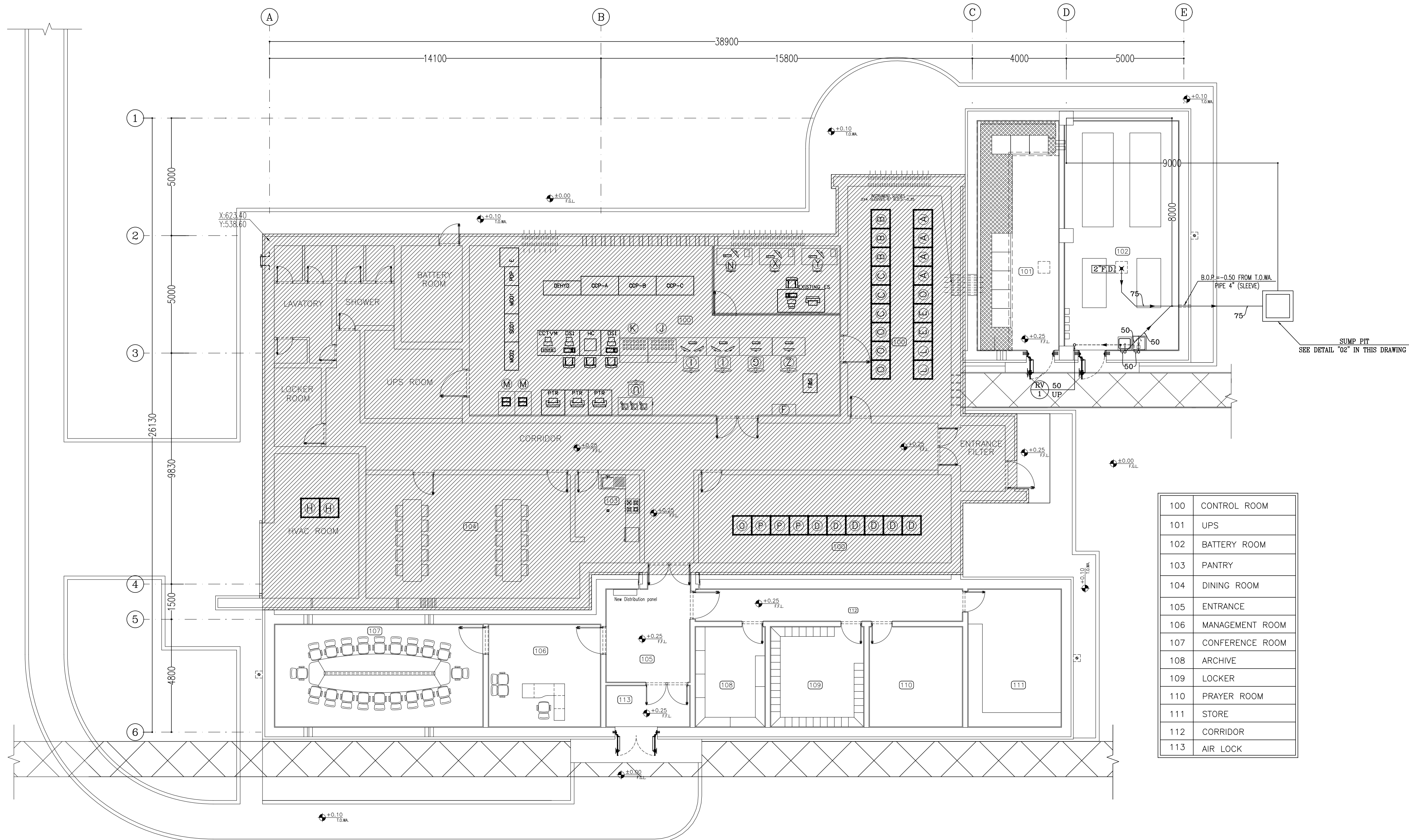
SC.1:100 1 FLOOR PLAN
Potable Water Piping Layout



ALL DIMENSIONS OF VALVE BOX ARE IN MILIMETER.

DETAIL "01" : VALVE BOX PLAN AND SECTION

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100	CONTROL ROOM
101	UPS
102	BATTERY ROOM
103	PANTRY
104	DINING ROOM
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106	MANAGEMENT ROOM
107	CONFERENCE ROOM
108	ARCHIVE
109	LOCKER
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NOTES

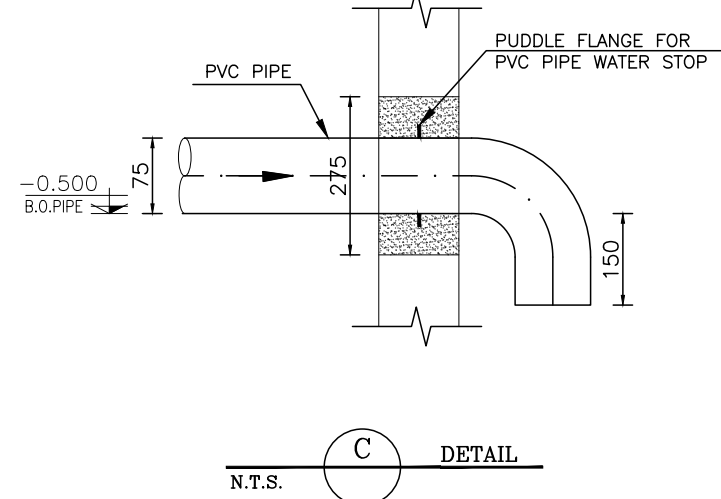
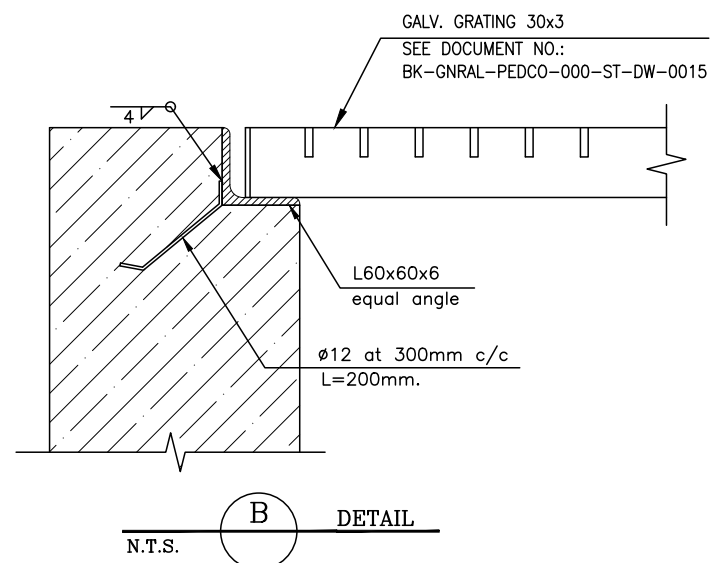
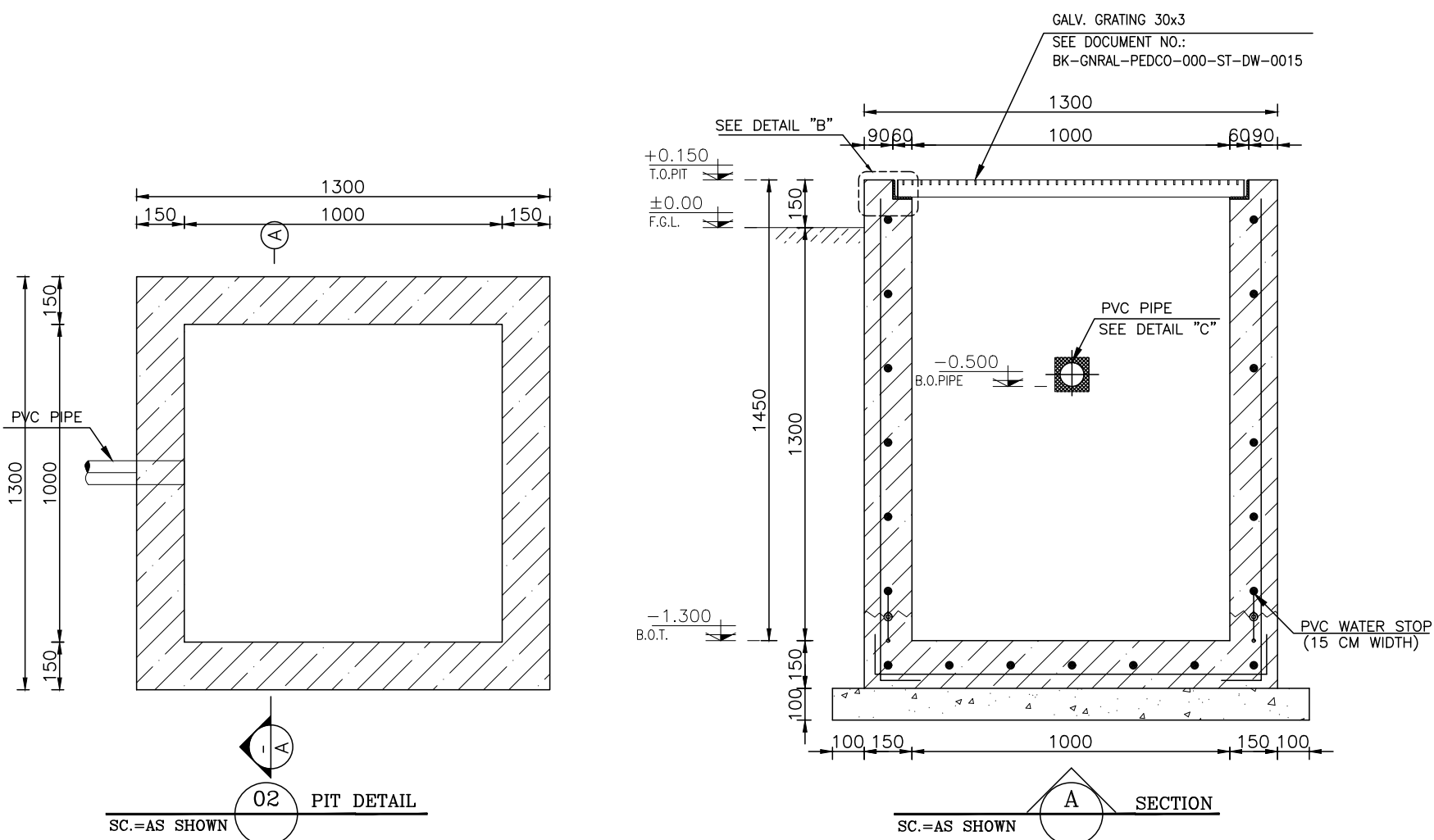
GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER & ALL ELEVATIONS ARE IN METER UNLESS NOTED OTHERWISE.
2. ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
3. THIS DWG. SHOULD BE WORKED TOGETHER WITH THE OTHER MECHANICAL, ARCHITECTURAL ELECTRICAL DWGS. & ANY CONFLICT SHOULD CLARIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
4. ALL HORIZONTAL DOMESTIC WATER PIPES IN THE BUILDING SHALL RUN ABOVE THE FALSE CEILING UNLESS OTHERWISE SPECIFIED.
5. MATERIAL OF DOMESTIC COLD AND HOT WATER PIPES OUTSIDE BUILDING ARE GALVANIZED STEEL IN ACCORDANCE WITH ASTM A53 AND FITTINGS ARE IN ACCORDANCE WITH ASME B16.12.
6. DOMESTIC HOT WATER PIPING INSIDE THE BUILDING WILL BE COVERED WITH THERMAL INSULATION (WATER PIPE INSULATION) ACCORDING TO NISRP TOPIC 16.
7. DOMESTIC COLD WATER PIPING OUTSIDE THE BUILDING SHALL BE COVERED WITH ELASTOMERIC INSULATION (WIM 25MM)
8. TOP OF THE SUPPORT STRUCTURE SHALL BE CONSIDERED AS B.O.P.
9. MATERIAL OF SANITARY SEWER, VENT PIPES AND FITTINGS SHALL BE PVC-U (BO-TYPE) IN ACCORDANCE WITH EN 1451.
10. EXPOSED VENT PIPE AT ROOF LEVEL SHALL BE PROTECTED FROM SUNLIGHT BY PAINTING, COATING OR INSULATION.
11. SLOPE OF SEWAGE PIPES ARE 1:5K ~ 2% TO DRAIN.
12. MATERIAL OF DOMESTIC COLD AND HOT WATER PIPES INSIDE BUILDING SHALL BE FIVE LAYERED POLYETHYLENE PE-X -AL- PEX ACCORDING TO ASTM F1281/1282 AND FITTINGS SHALL BE ACCORDING TO ASTM F1281/1282.
13. MATERIAL OF SUPPLY GALVANIZED COLD WATER PIPE SHALL BE ACCORDING TO ASTM A53 GR B AND FITTINGS SHALL BE ACCORDING TO ASTM A234 OR WPB.
14. ALL VALVES ABOVE THE FALSE CEILING SHALL HAVE ACCESS DOOR.
15. THE WASTE FROM BUILDING TO WASTE WATER TREATMENT OR PITS IN PLANT SHALL DISCHARGE BY GRAVITY FLOW.
16. FINAL ROUTE FOR PLUMBING SHALL NOT BE OVER AND NEAR THE ELECTRICAL & CONTROL PANEL.

	DOMESTIC COLD WATER LINE
	VENT LINE
	SEWAGE LINE
	DIRECTION OF FLOW
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	GATE VALVE (NORMAL CLOSED)
	GLOBE VALVE
	CHECK VALVE (SWING TYPE)
	STRAINER (Y-TYPE)
	BOTTOM OF PIPE

REFERENCE DRAWING	DRG. No.
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Standard Drawing For HVAC & Plumbing	BK-GNRAI-PEDCO-000-000-HV-DW-0001
Symbol & Legend For HVAC & Plumbing	BK-GNRAI-PEDCO-000-000-HV-DW-0002
Architectural Detail Drawing For Extension of Existing Control Building	BK-GCS-PEDCO-120-AB-DW-0001
U/G Piping Plan	BK-GCS-PEDCO-120-AB-DW-0005
Site Sewerage System Layout & Details	BK-GCS-PEDCO-120-CV-PY-0001
Unit Plot Plan Drawing	BK-PPI-PEDCO-120-PI-PY-0001
BSCS-Control Building Plumbing Plan-As-Built Drawings	8001-DWG-EN-014

SC.1:100 2 FLOOR PLAN
Sewage Piping Layout

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