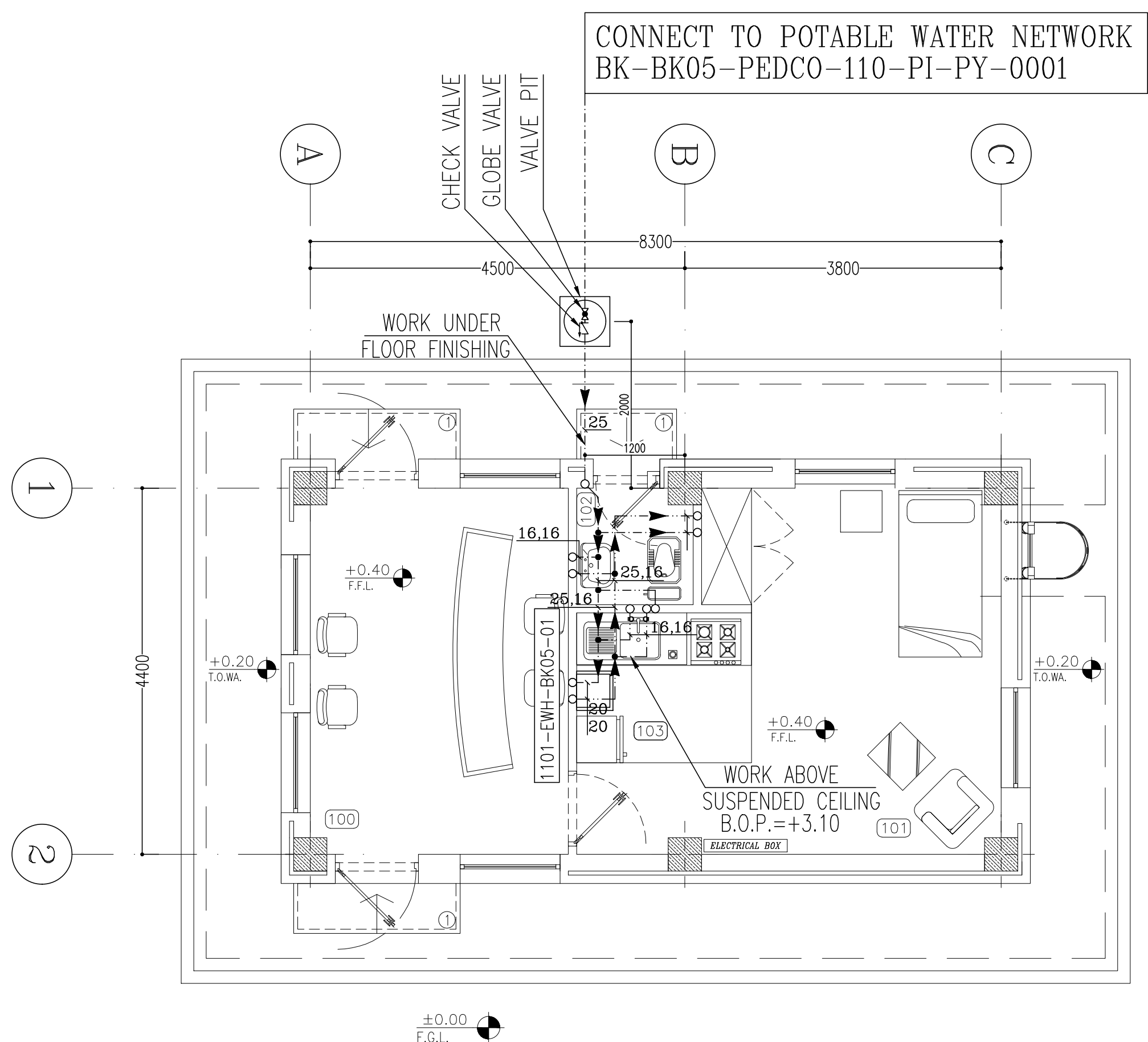


100	SECURITY GUARD ROOM
101	RESTING AREA
102	WC
103	PANTRY

[illegible][illegible]



100	SECURITY GUARD ROOM
101	RESTING AREA
102	WC
103	PANTRY

AUTOMATIC ELECTRICAL WATER HEATER

EQUIPMENT NO.	QTY	INSTALLATION AREA	TYPE	NOMINAL STORAGE TANK CAPACITY (Liter)	STORAGE TANK MATERIAL CONSTRUCTION	ELECTRIC POWER SUPPLY V/PH/Hz	HEATING ELEMENT POWER (KW)	INCLUDING
1101-EWH-BK05-01	1	TOILET	WALL MOUNTED	30	GALVANIZED STEEL	230/1/50	2	STANDARD THERMOSTATS (A SAFETY CUT-OUT) PREVENTING THE ELECTRICALLY-LIVE PARTS TO BE IN CONTACT WITH WATER. AND EQUIPPED WITH DRAIN VALVE, TEMPERATURE GAGE AND ALL STANDARD ACCESSORIES

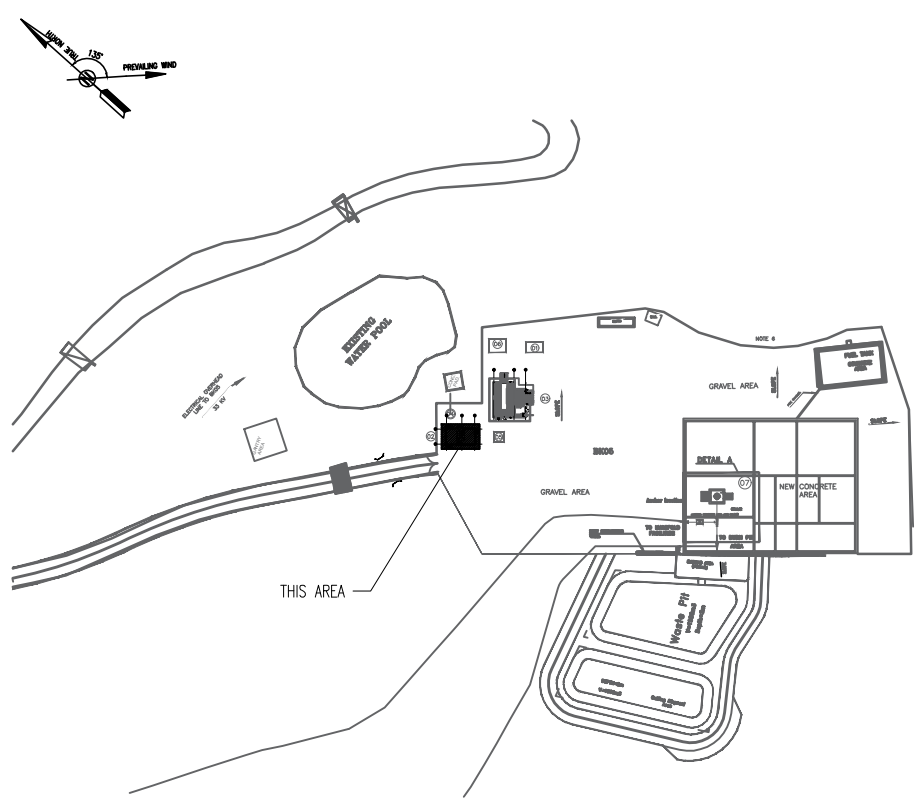
NOTES

GENERAL NOTES:

1. ALL DIMENSIONS AND COORDINATES ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE IN METER FROM F.F.L. OF EACH ROOM.
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 NIBR TOPIC 16.
7. DOMESTIC COLD WATER PIPING OUTSIDE THE BUILDING SHALL BE COVERED WITH ELASTOMERIC INSULATION (MIN 25MM)
8. TOP OF THE SUPPORT STEEL STRUCTURE SHALL BE CONSIDERED AS B.O.P.
9. MATERIAL OF SANITARY SEWER, VENT PIPES AND FITTINGS SHALL BE PVC-U (80-TYPE) IN ACCORDANCE WITH EN 1451.
10. SLOPE OF SEWAGE PIPES ARE 1.5% ~ 2% TO DRAIN.
11. MATERIAL OF DOMESTIC COLD AND HOT WATER PIPES INSIDE BUILDING SHALL BE FIVE LAYERED POLYETHYLENE PEX -AL PER ACCORDING TO ASTM F1281/1282 AND FITTINGS SHALL BE ACCORDING TO ASTM F1281/1282.
12. MATERIAL OF HOT DIPPED GALVANIZED STEEL PIPE SHALL BE ACCORDING TO ASTM A53 GR B AND FITTINGS SHALL BE ACCORDING TO ASTM A234 GR WPB.
13. ALL VALVES ABOVE THE FALSE CEILING SHALL HAVE ACCESS DOOR.
14. THE WASTE FROM BUILDING TO WASTE WATER TREATMENT PLANT SHALL DISCHARGE BY GRAVITY FLOW.
15. FINAL ROUTE FOR PLUMBING SHALL NOT BE OVER AND NEAR THE ELECTRICAL & CONTROL PANEL.

REFERENCE DRAWING	DRG. No.
HVAC & Plumbing Design Criteria	BK-GNRAI-PEDCO-000-HV-DC-0001
Specification For Duct Work & Pipe Work	BK-GNRAI-PEDCO-000-HV-SP-0002
Standard Drawing For HVAC & Plumbing	BK-GNRAI-PEDCO-000-HV-DW-0001
Symbol & Legend For HVAC & Plumbing	BK-GNRAI-PEDCO-000-HV-DW-0002
General Civil Layout - BK05	BK-BK05-PEDCO-110-CV-PY-0001
Plot Plan Drawing-BK05	BK-BK05-PEDCO-110-PI-PY-0001

KEY PLAN

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