

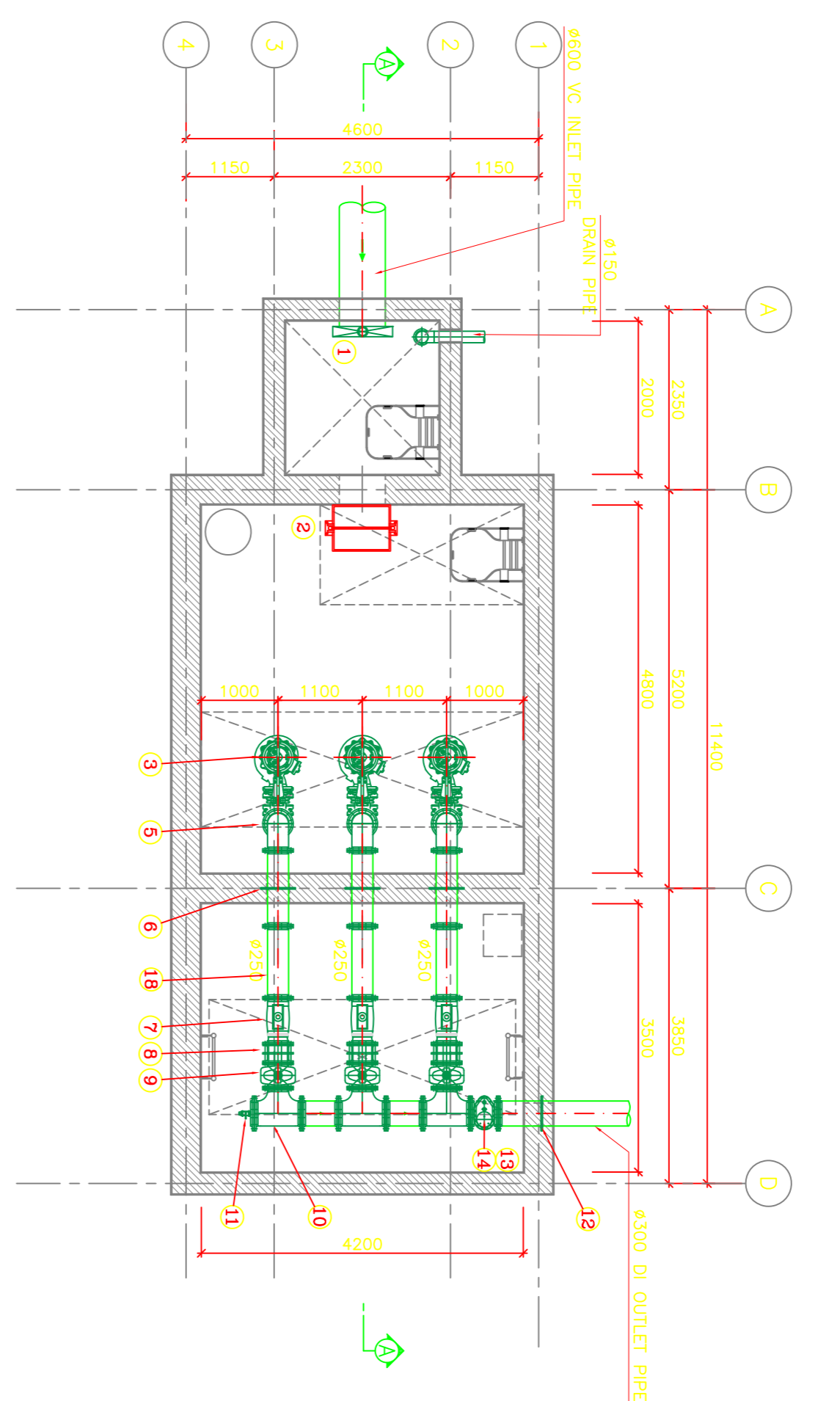
NOTES

1. ALL DIMENSIONS ARE IN MILLIMETER.
2. ALL LEVELS ARE IN METERS.
3. PRESSURE GAUGE SHALL BE PROVIDED ON THE DISCHARGE OF EACH MAIN WATER PUMP.
4. ALL WATER PIPES PENETRATING CONCRETE WALLS UNDER GROUND SHALL HAVE A PUDDLE FLANGE AND SHOULD BE EMBEDDED WITH CONCRETE.
5. FITTINGS SHALL BE CLASS K12. THE NORMAL PRESSURE FOR VALVES & FLANGES SHALL BE PN10.

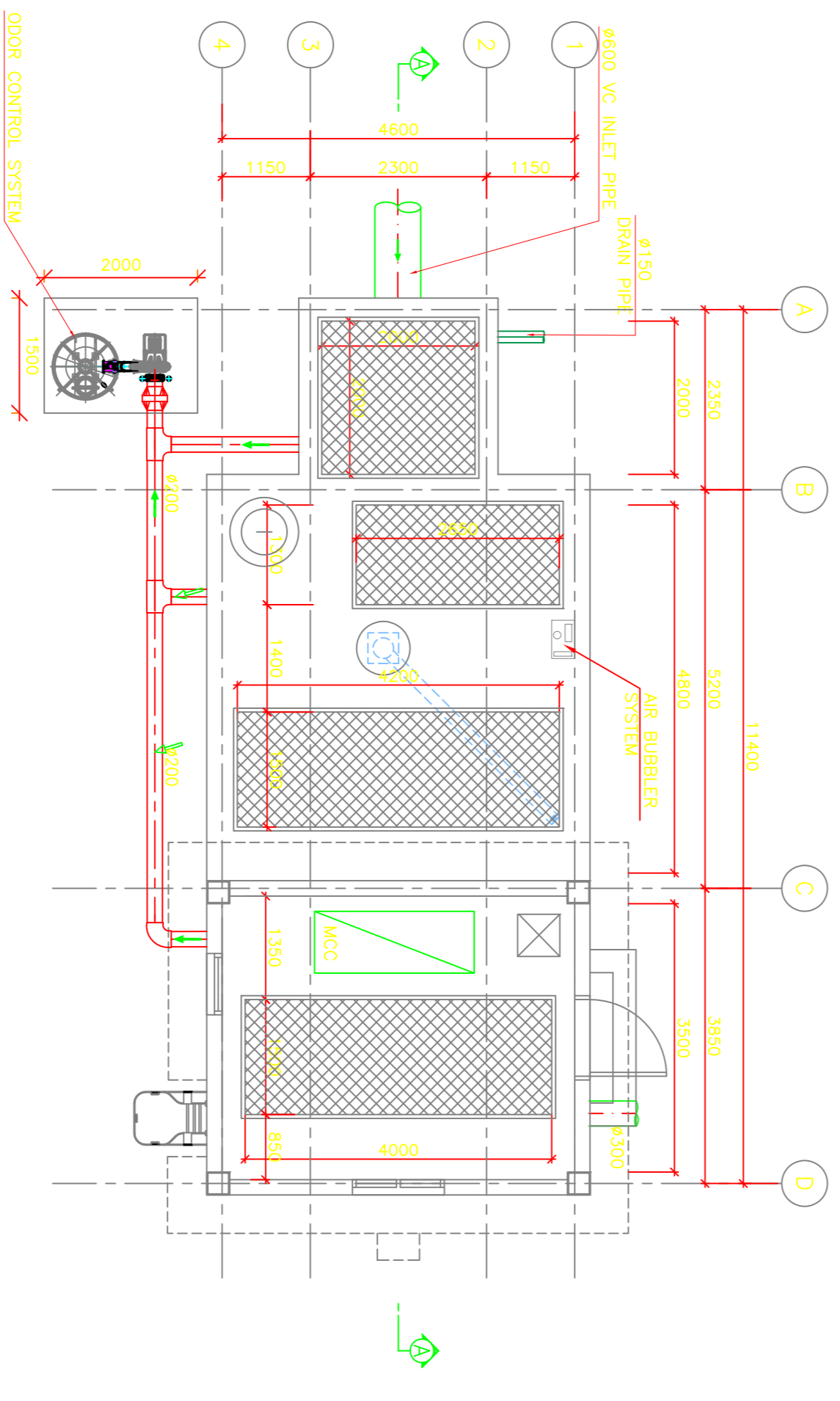
SCHEDULE OF WASTEWATER PUMPS

PUMP DESIGNATION	PUMP TYPE	SIZE
P-1/2	SUBMERSIBLE	300x110
QTY. OF PUMPS (OVER+SPEAR)		2(2+1)
PUMP FLOW (L/S)		70
PUMP HEAD (M)		10
APPROXIMATE SPEED (RPM)		1800
AVAILABLE POWER SUPPLY		400V/2W/60HZ
REMARKS		

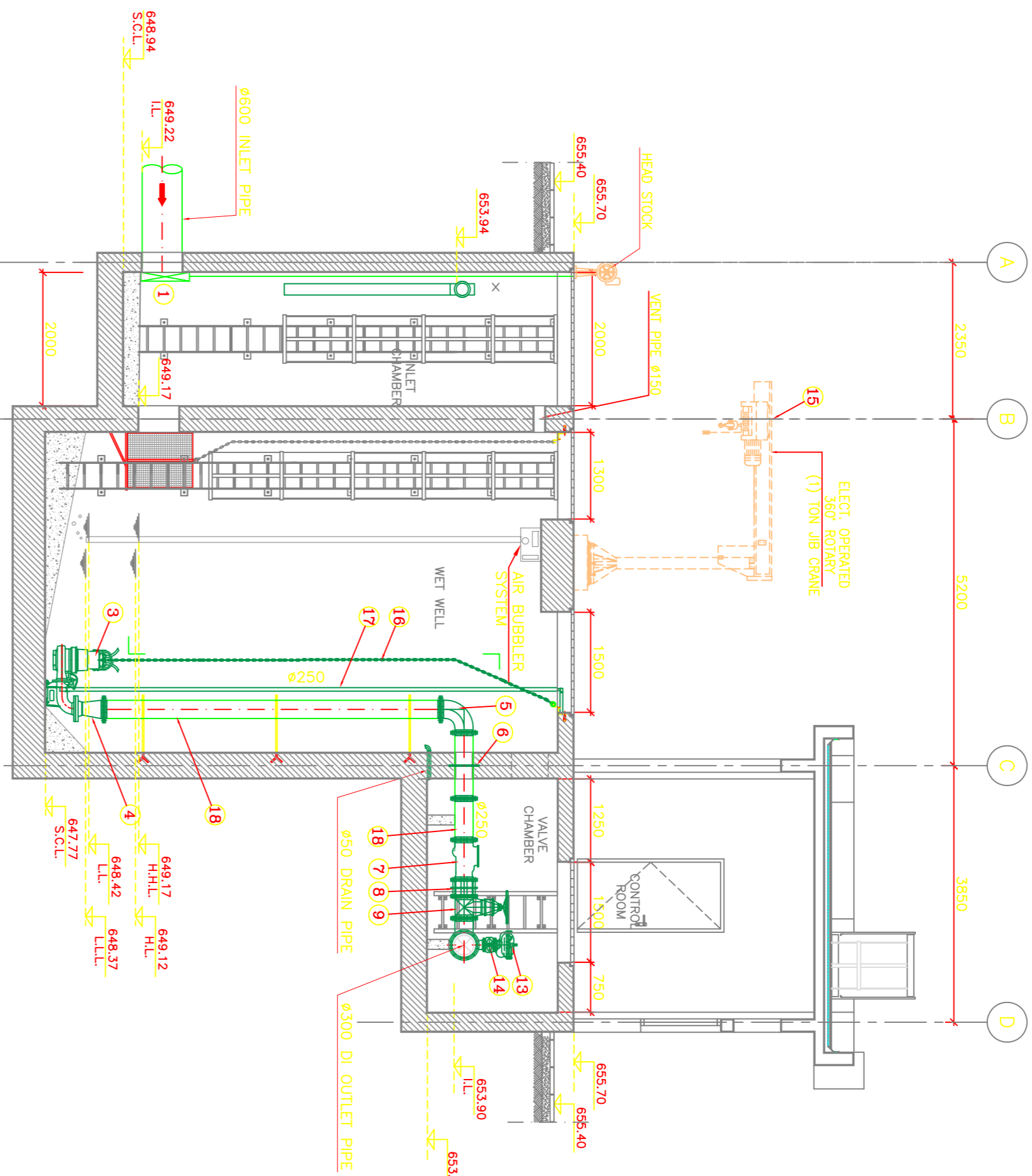
ITEM FOR PUMP STATION			
NO.	ITEM DESCRIPTION	QUANTITY	DIMENSIONS
1	PENSTOCK	1	4600
2	BASKET STRAINER	1	800X600X1000
3	SUBMERSIBLE PUMP	3	-
4	DOUBLE FLANGED REDUCER PIECE	3	4250
5	DOUBLE FLANGED ELBOW	3	4250
6	DOUBLE FLANGED PUDDLE PIECE	3	4250
7	CHECK VALVE	3	4250
8	OSWANTLING PIECE	3	4250
9	DOUBLE FLANGED GATE VALVE	3	4300/250
10	ALL FLANGED TEE	3	4300
11	BRAIN VALVE	1	4300
12	FLANGED/PROOF PUDDLE PIECE	1	4300
13	AIR VALVE	1	4100
14	GATE VALVE	1	4100
15	ELECTRICAL JIB CRANE (1) TON	1	-
16	LIFTING CHAIN	1	-
17	GUIDE RAIL	1	-
18	FLANGED PIPE PRICE	1	4250
			DUCTILE IRON



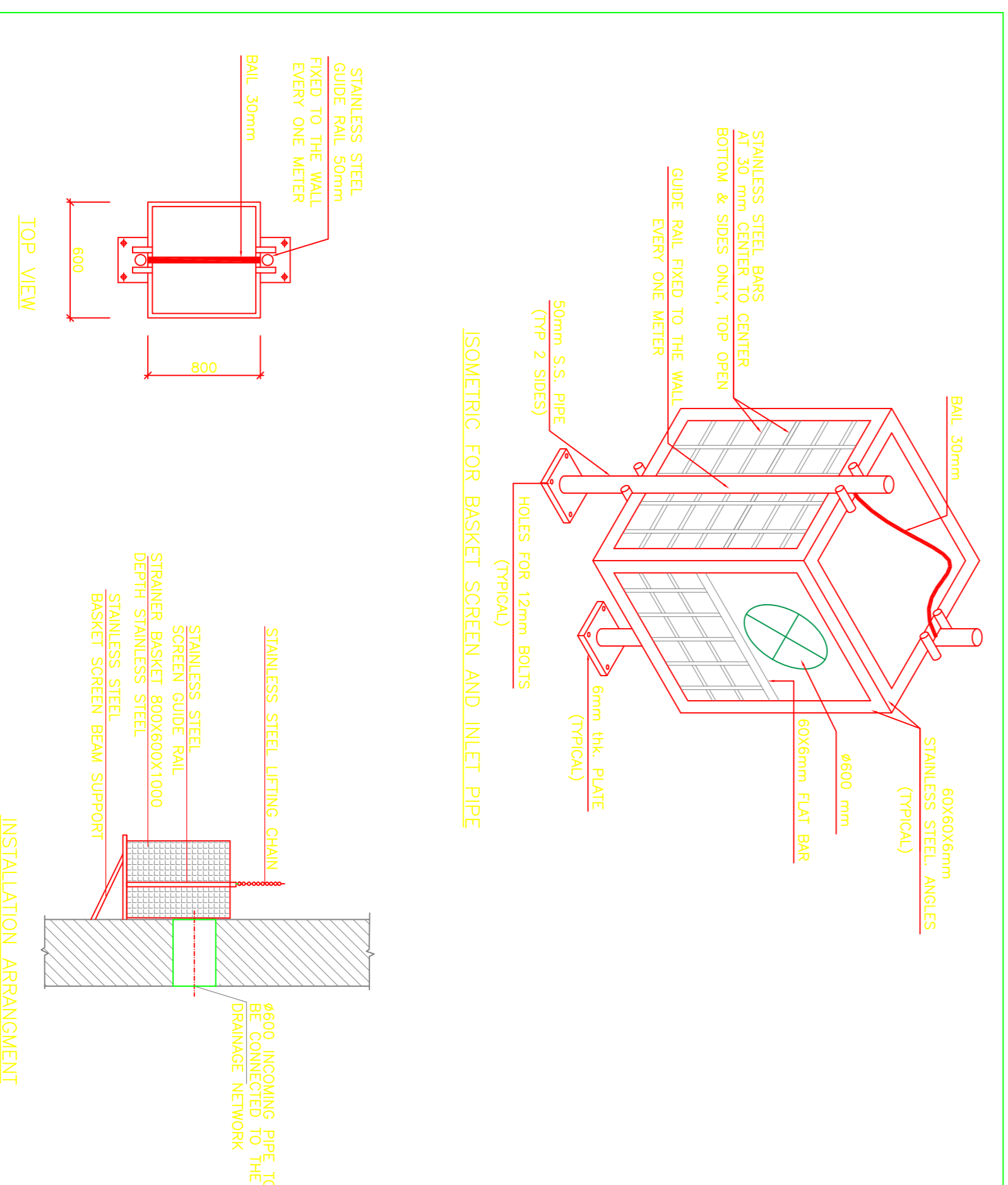
SECTION B - B
SCALE 1 / 50



GROUND LAYER PLAN
SCALE 1 / 50



SECTION A - A
SCALE 1 / 50



BASKET STRAINER DETAILS

INSTALLATION ARRANGEMENT

ميكانيك
MECHANICAL WORKS
PLANS & SECTIONS