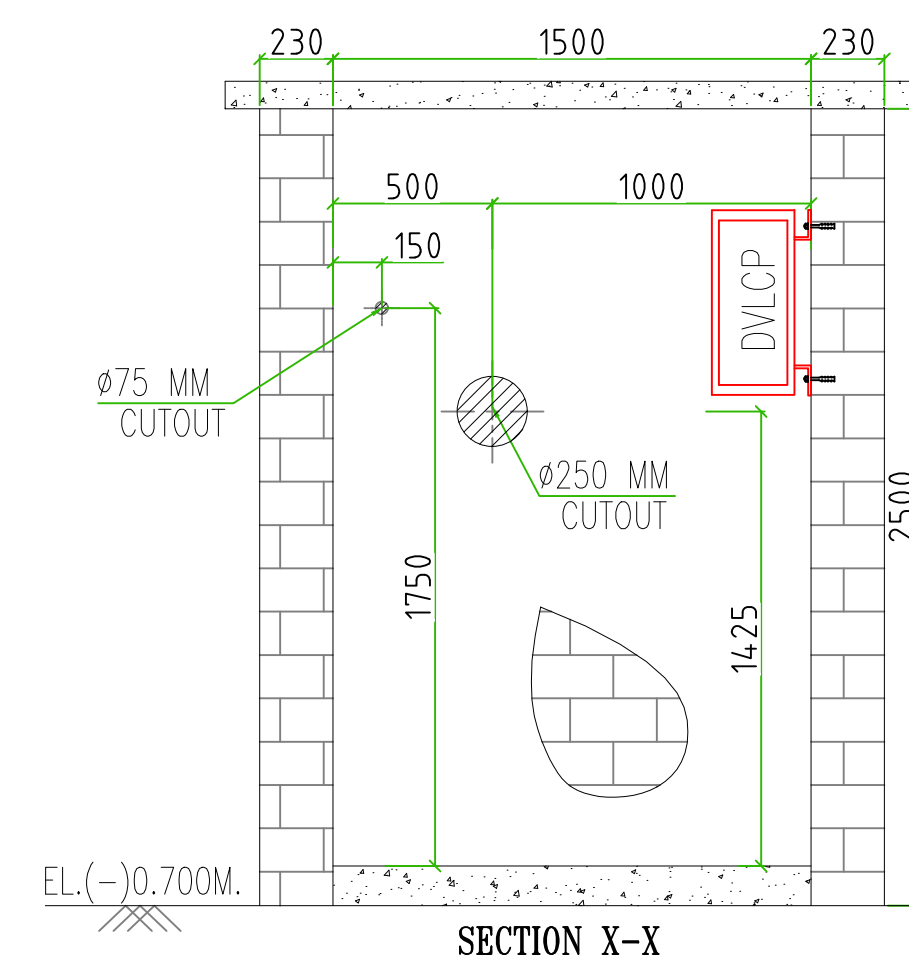
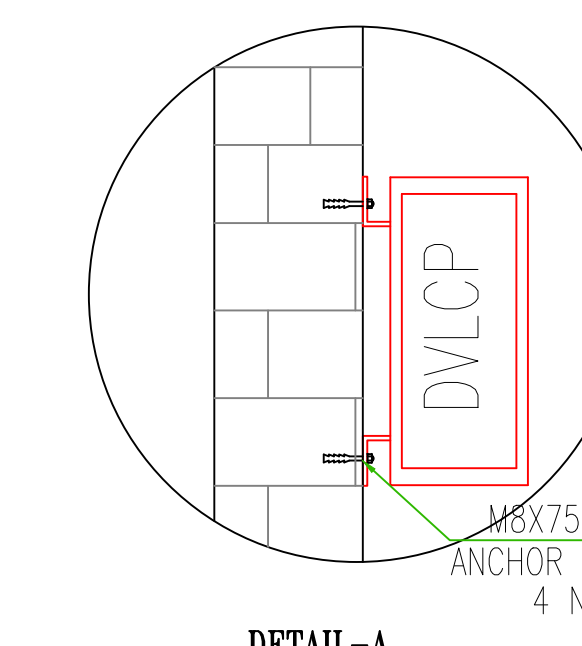
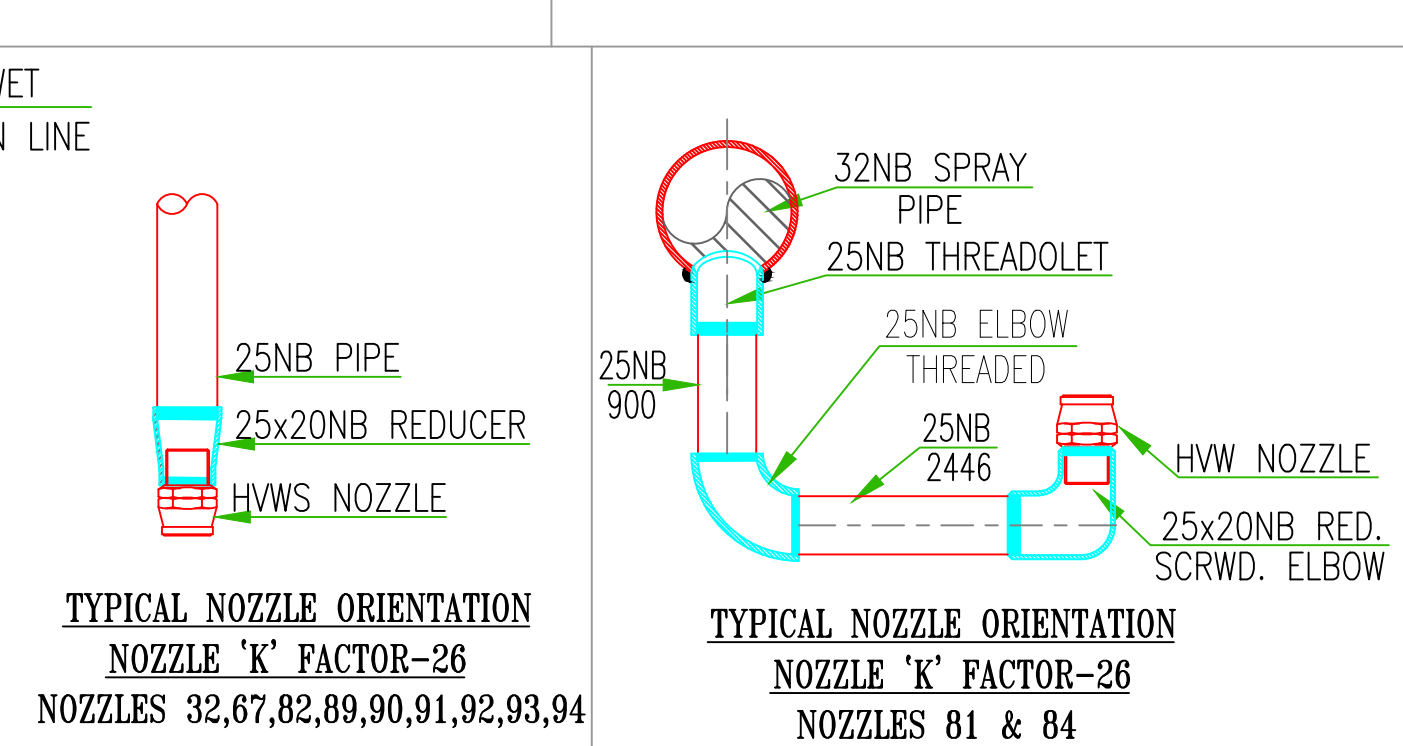
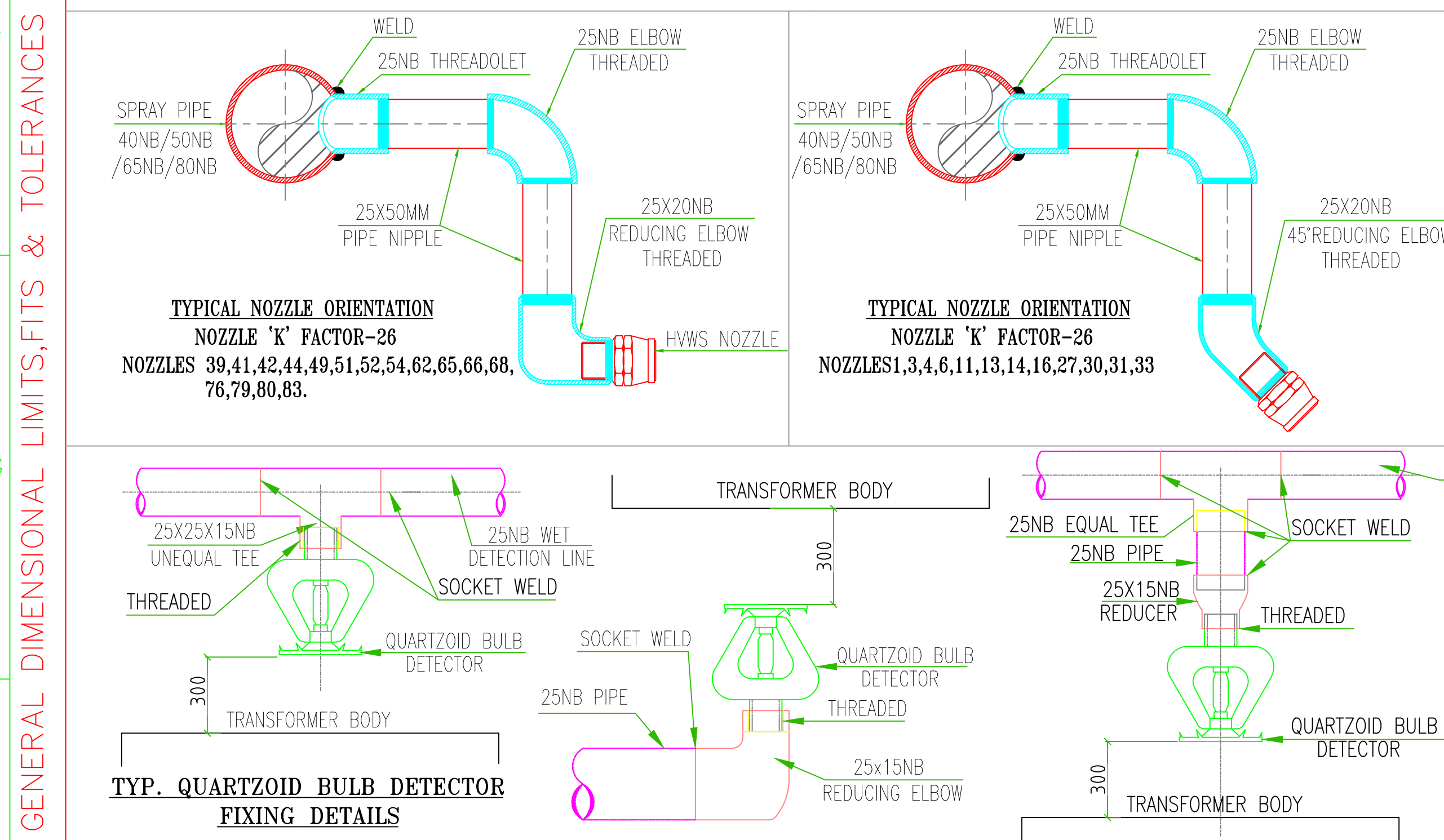
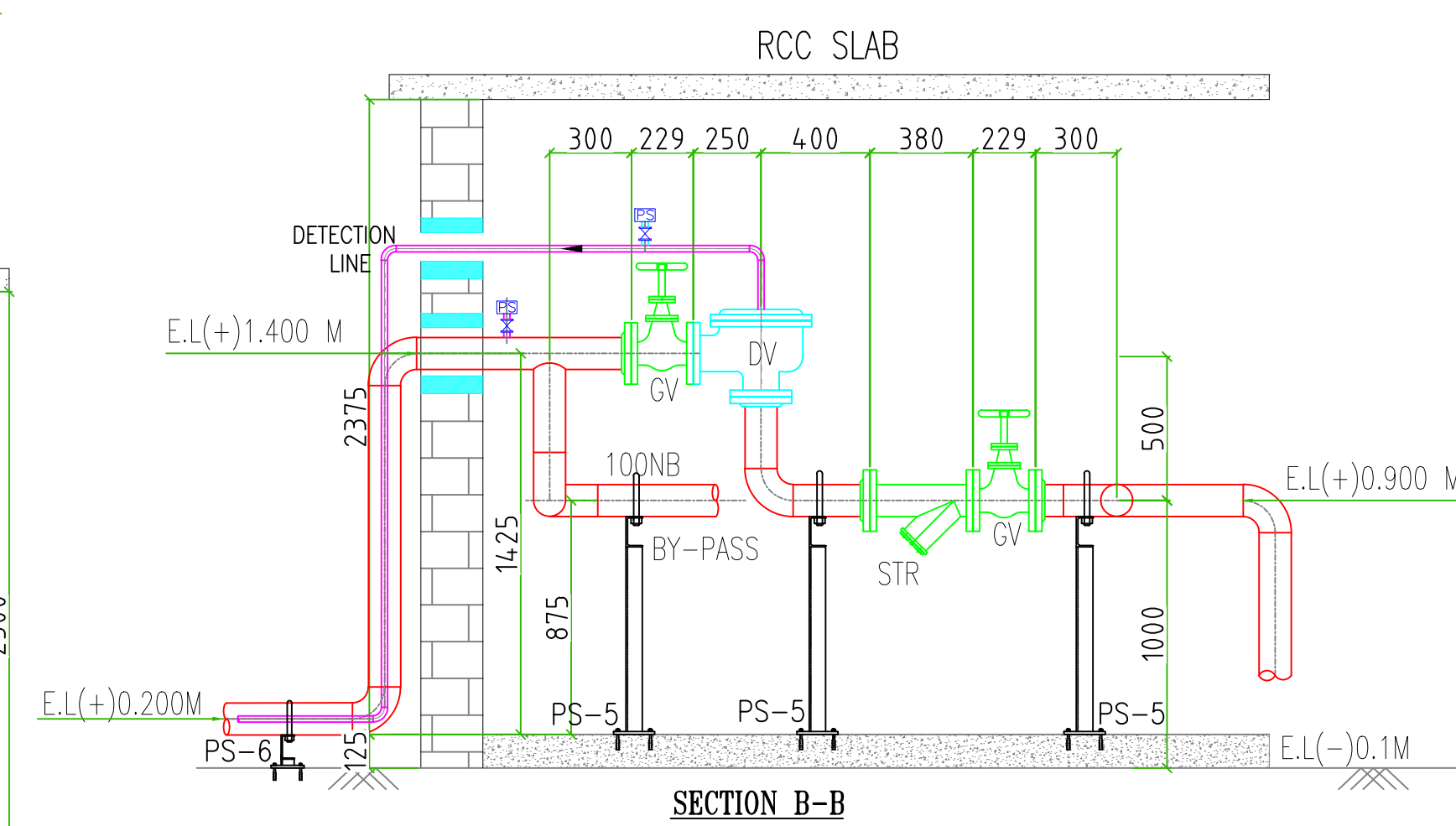




1	RISK	GENERATOR TRANSFORMER
2	DESIGN CODE	AS PER TAC
3	TRANSFORMER BODY (L X B X H)	5.203x3.944x4.455 M
4	RADIATOR TANK (L X B X H) (3)	(5.936x3.589x3.728 M) X 2 NOS
6	CONSERVATOR TANK (ø x L)	ø1.310 x 4.490 M
7	OIL PIPE (ø x L) (2)	ø0.219 x 6.776 M
8	TOTAL AREA	380.25 M ²
9	WATER APPLICATION RATE	10.2 LPM (3.2,3.6,1)
10	THEORETICAL WATER REQD.	3878.55 LPM.
11	ACTUAL WATER PROVIDED	GT-1A = 4833 LPM
		GT-1B = 4824 LPM
		GT-1C = 4854 LPM
12	NO. OF H.V. PROJECTOR PROVIDED	94 NOS
13	'K' FACTOR OF NOZZLE @ SPRAY ANGLE	26 @ 100°
14	NO. OF Q.B. DETECTOR PROVIDED (79°C)	54 NOS.
15	SIZE OF DELUGE VALVE	100NB
16	MINIMUM PRESSURE AT REMOTEST NOZZLE	3.5 BAR (3.2,3.6,2.7)
17	MAXIMUM PRESSURE IN ANY NOZZLE	5.0 BAR (3.2,3.6,2.7)
18	VELOCITY IN FEED PIPE	10M/SEC. (3.2,3.6,2.7)



0, LEGEND

SL.NO.	ITEM	DESCRIPTION
1.0		H.V. SPRAY PIPE LINER
2.0		H.V. PROJECTOR
3.0		DELUGE VALVE
4.0		"Y" STRAINER
5.0		BUTTERFLY VALVE
6.0		GATE VALVE
7.0		Q.B. DETECTOR
8.0		DETECTION LINE
9.0		DISMANTLING FLANGE

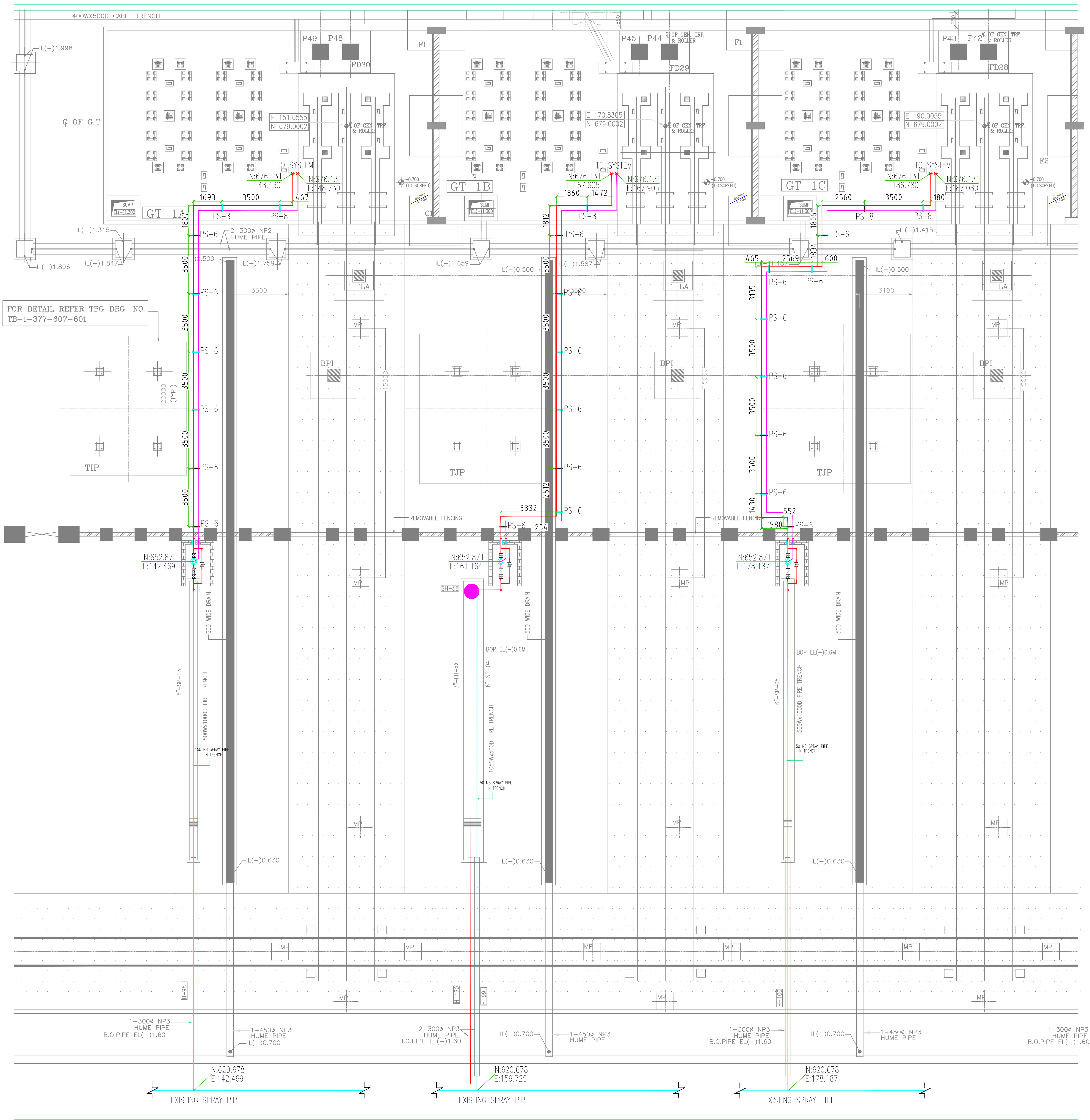
REF DWG. NO.	
DRAWING NAME	DRAWING NO.
OUT LINE GENERAL ARRANGEMENT GENERATOR TRANSFORMER	3 452 00 00946 (SH-1)
FOUNDATION PLAN	3 452 00 00948
HYDRAULIC CALCULATION OF HWWS SYSTEM FOR GENERATOR TRANSFORMER	

CUSTOMER:									



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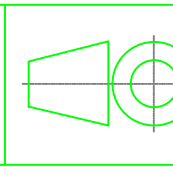
GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

DELUGE VALVE PLAN VIEW
SCALE :N.T.S

REF DWG. NO.

DRAWING NAME	DRAWING NO.
OUT LINE GENERAL ARRANGEMENT GENERATOR TRANSFORMER	3 452 00 00946 (Sh-11x3)
FOUNDATION PLAN	3 452 00 00948
HYDRAULIC CALCULATION OF HWS SYSTEM FOR GENERATOR TRANSFORMER	

CUSTOMER:

BHARAT HEAVY ELECTRICALS LTD.
HYDERABADDEPT.
I.T.D.
CODE: 415UNTOT. DIMS.
GR.
G.M.F.SCALE
1:75

WEIGHT (KG)

REF. TO ASSY. DRG.

ITEM NO.
-N.A.-NO.OF
ITEMS
-N.A.-TITLE
HWW SPRAY SYSTEM FOR GT-1A.
TYPICAL FOR GT-1B, GT-1C.CARD
CODE
N.A.

DRAWING NO.

SHT. No 03

NO. OF SHT. 04

REV.
02

