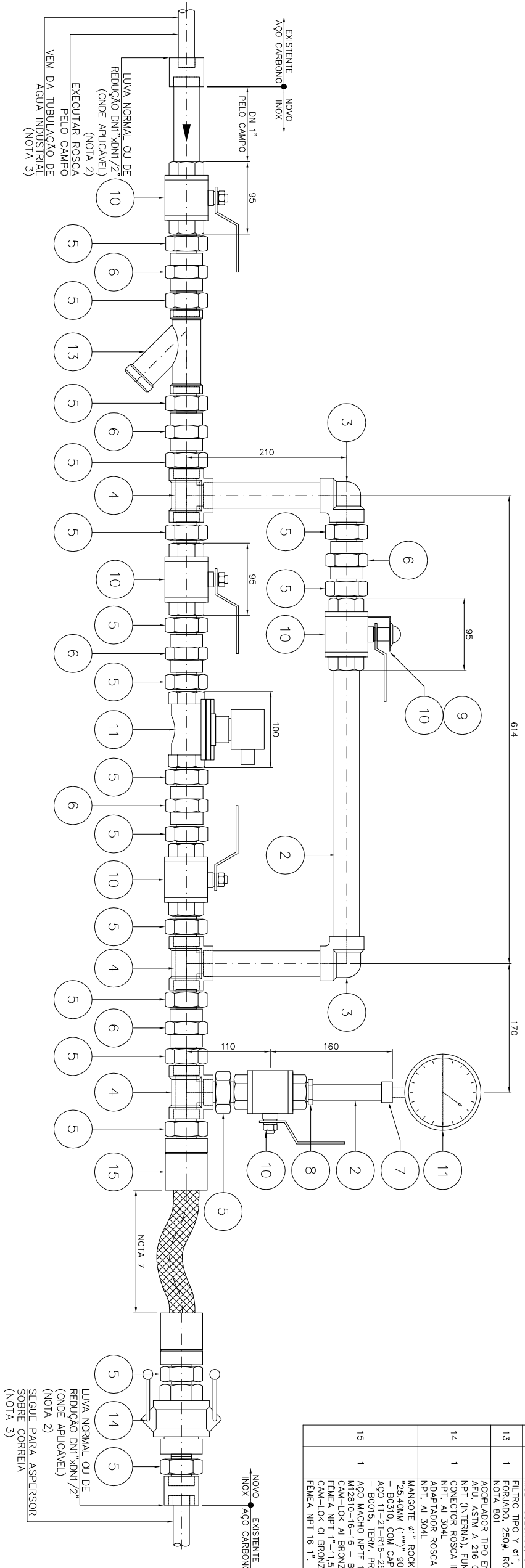


LISTA DE MATERIAL DE TUBOS E CONEXÕES						
ITEM	QUANT.	DESCRIÇÃO	OBS.	MATERIAL	UNIT.	TOTAL
					PSQO (KG)	
1	1,00m	TUBO Ø1/2" AL ASTM A312-TP304L, SCH LONG, SCH 80S, PL, ASME B36.19	-	A312 TP304L	-	0,42
2	0,20m	TUBO Ø1" AL ASTM A312-TP304L, SCH LONG, SCH 80S, PL, ASME B36.19	-	A312 TP304L	2,50	0,50
3	2	JOELHO 90° AL, ASTM A182-F304L, 3000#, ES, ASME B16.11	-	ASTM A182-F304L	0,51	1,02
4	3	TE AL, AL ASTM A182-F304L, 3000#, ES, ASME B16.11	-	ASTM A182-F304L	0,63	1,89
5	15	NIPLE DUPLIO Ø1" AL, ASTM A182-F304L, 3000#, ES, ASME B16.11	-	ASTM A182-F304L	0,15	2,25
6	5	UNIFO Ø1" FM ASTM A197/A197M, 3000# RO NPT, ASME B16.39	-	ASTM A197/A197M	0,79	3,95
7	1	LUA Ø1/2" AL, ASTM A182-F304L, 3000# ES, ASME B16.11	-	ASTM A182-F304L	-	0,93
8	1	BUCHA DE REDUÇÃO Ø1"1/2" ASTM A182-F304L, 3000# ES, ASME B16.11, RO NPT.	-	ASTM A182-F304L	-	0,06
9	1	INDICADOR DE POSIÇÃO, MGA NTS-C10 RO NPT	NOTA 4	-	-	-
10	5	VALVULA ESFERA Ø1" CORPO AL, FABRICAO CONF. BS EN ISO 17292, TRIPARTITA, ESFERA E HASTE AL, ASTM A351/351M-CR8M, FLUJUAUNTE, PASSAGEM PLENA, SEDE RESISTENTE, ALAVANCA, TRAVA CADEADO, EXTR. PROLONG. 100 MM	-	ASTM A182-F304L	1,77	8,85
11	1	VALVULA SOLENOIDE Ø1" ASCOVAL MOD. 82100D89 / 400525-125	NOTA 5	ACO INOX 316	-	-
12	1	MANOMETRO Ø1/2" WKA, RO NPT MOD P0532100, O A 16 bar.	NOTA 6	-	-	-
13	1	FILTRO TIPO Y Ø1" CORPO EM INOX FORJADO, 250# RO NPT, MALHA NOTIA 801	-	-	-	1,90
14	1	ACOPADOR TIPO ENGATE RAPIDO, Ø1" AEL, ASTM A 216 Gr. WCB, 300# RO NPT (INTERNA), FUNGUAU RO SIMILAR CONECTOR ROSCA INTERNA GR1 1" NPT, AL 304L	-	-	-	-
		ADAPTOR ROSCA INTERNA ARI 1" NPT, AL 304L				
15	1	MANGOTE Ø1" ROCKMASTER/ISN "25,40MM (1")x90 BAR / 1300 PSI - B0310, COM C.A. PRENS. W03400 ACO TI1-21-R16-25C-JACKMASTER 1 - B0015, TERM. PRENS. UNIV. RETO ACO MACHO NPT TI-11,5 X 1" M2210-16-16 - B0200, ADAPTOR CAV-LOK AL BRONZE HPF ROSCA FMEA NPT TI-11,5 E ACOPADOR CAV-LOK CI BRONZE HPF ROSCA FMEA-LOK 16 1"	-	-	-	-

PESO TOTAL APROXIMADO: 21,77 kg

[illegible]