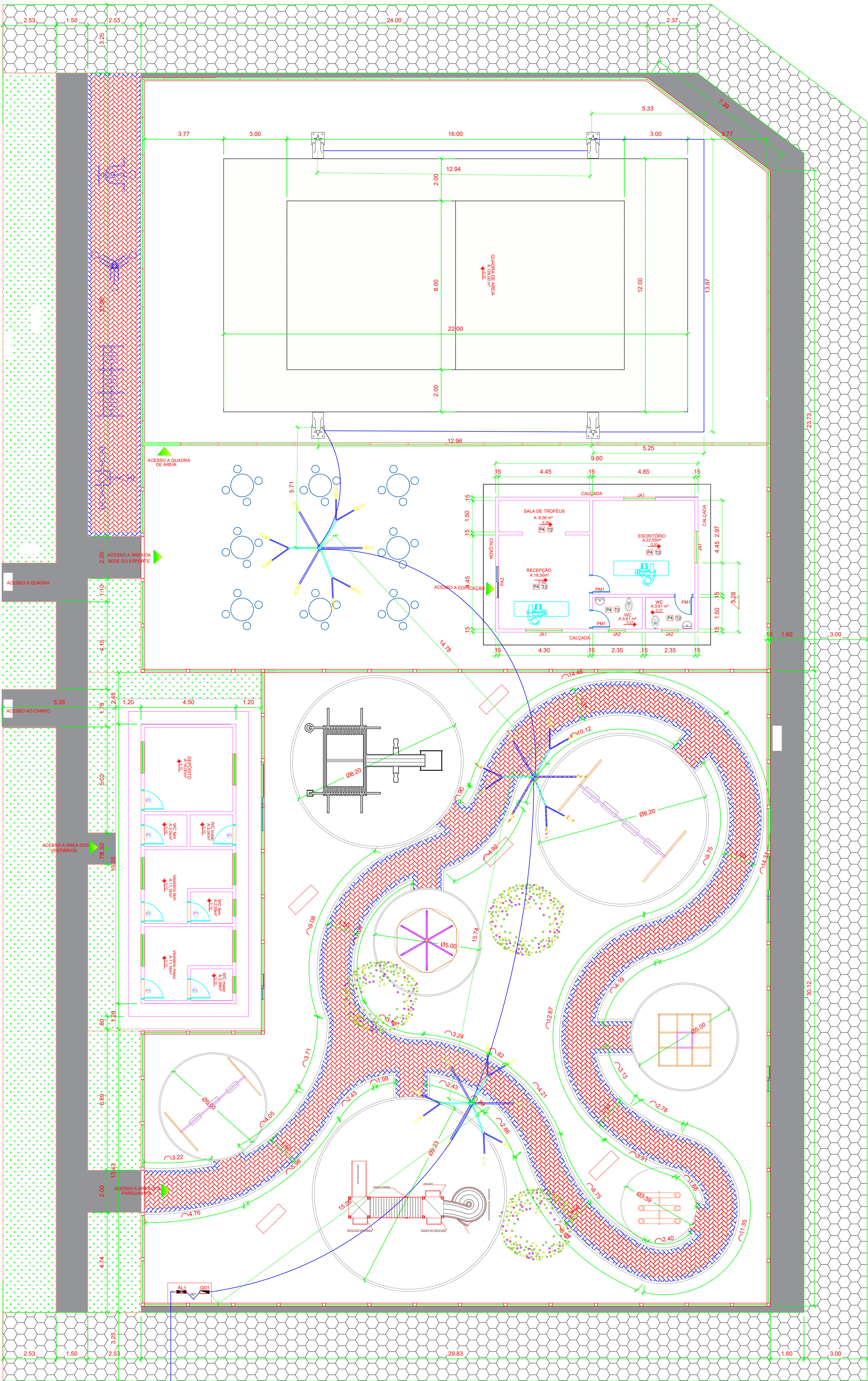
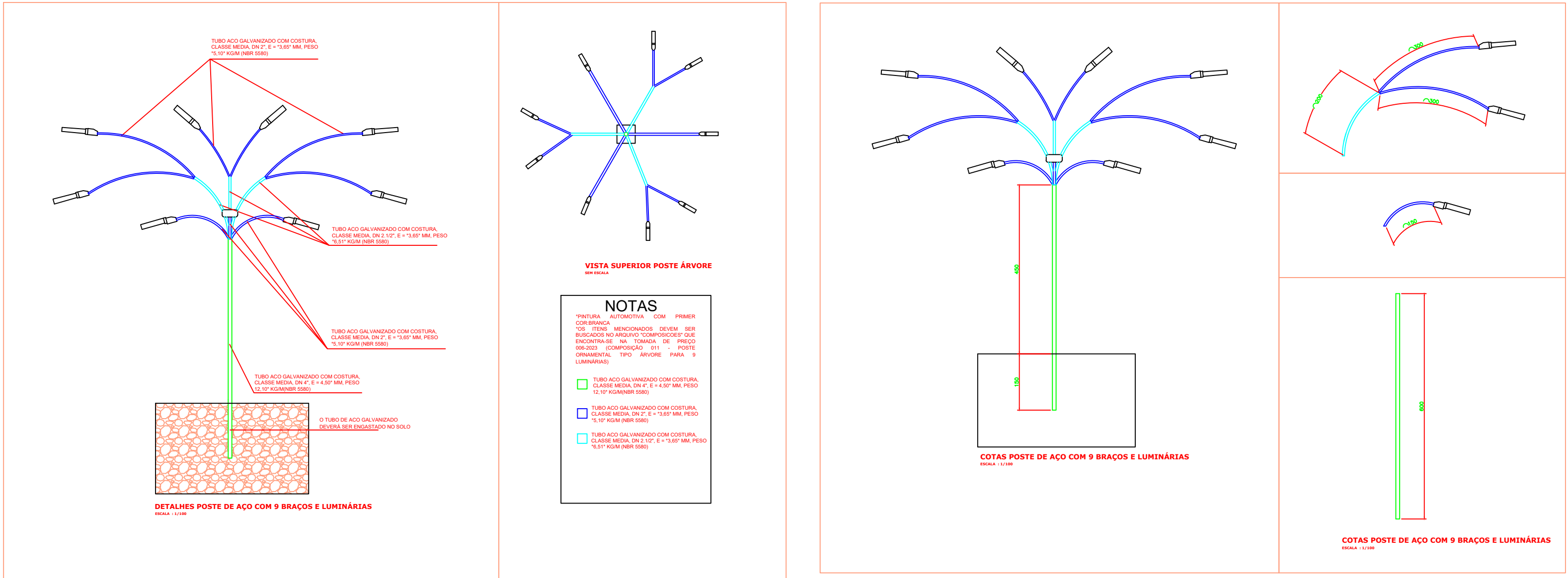


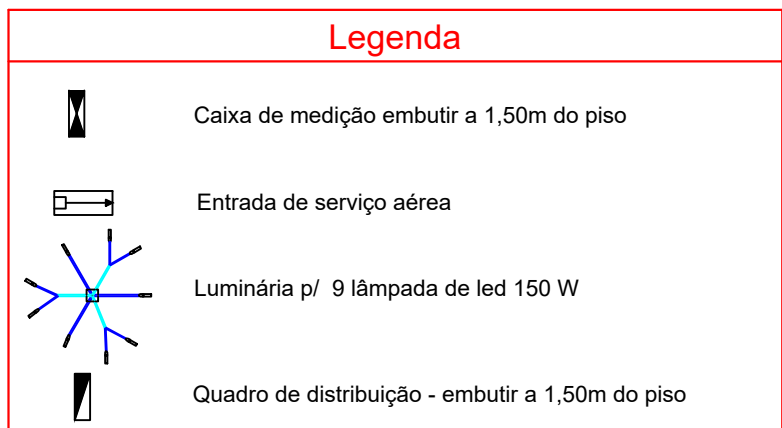
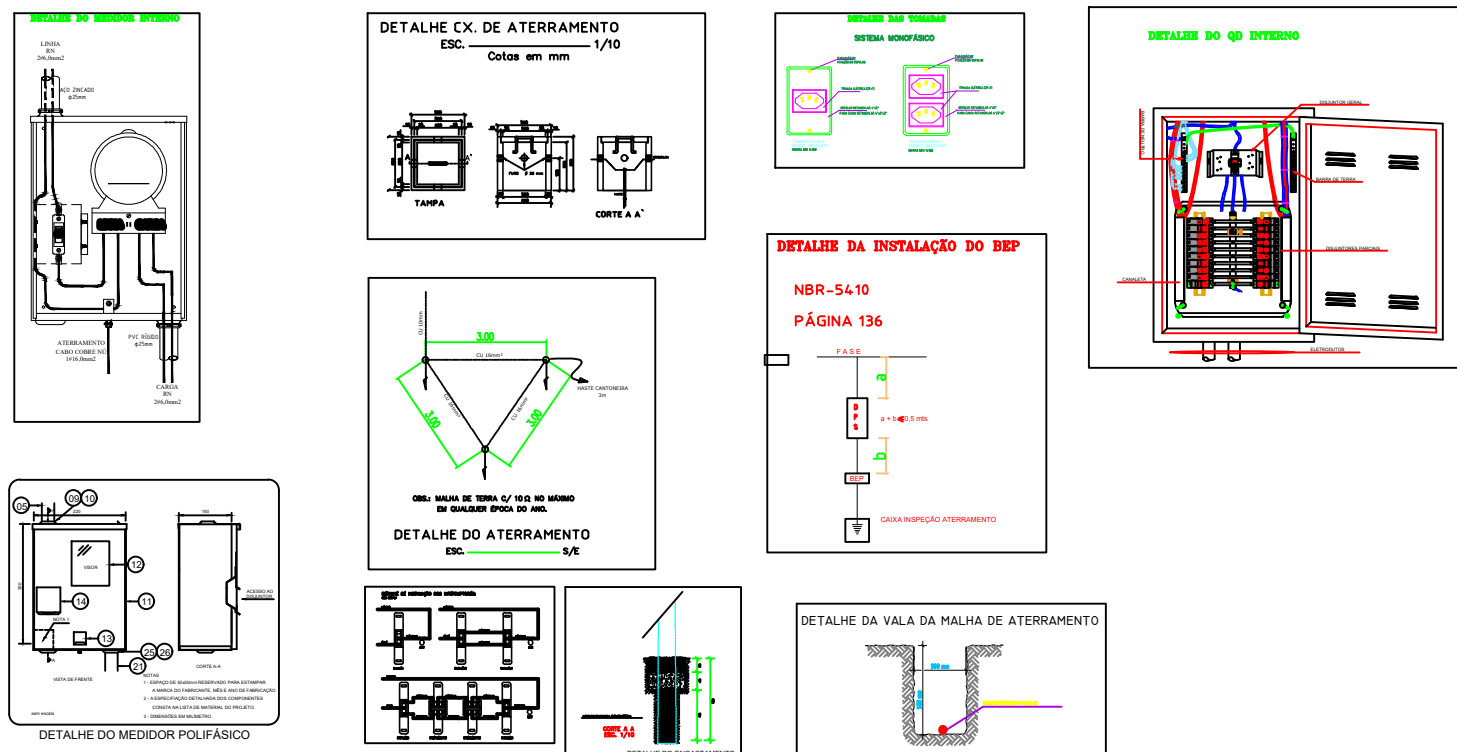
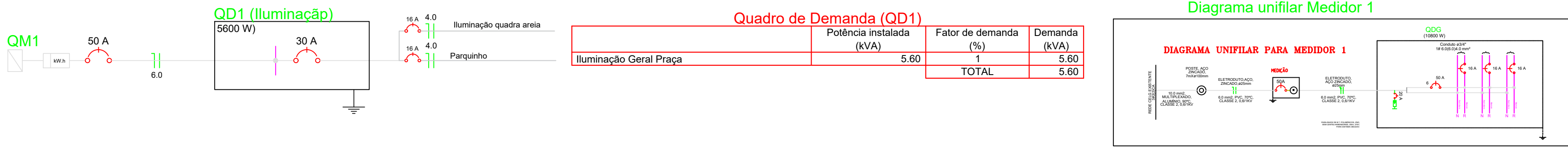


PROJETO ELÉTRICO EXTERNO

ESCALA 1/125



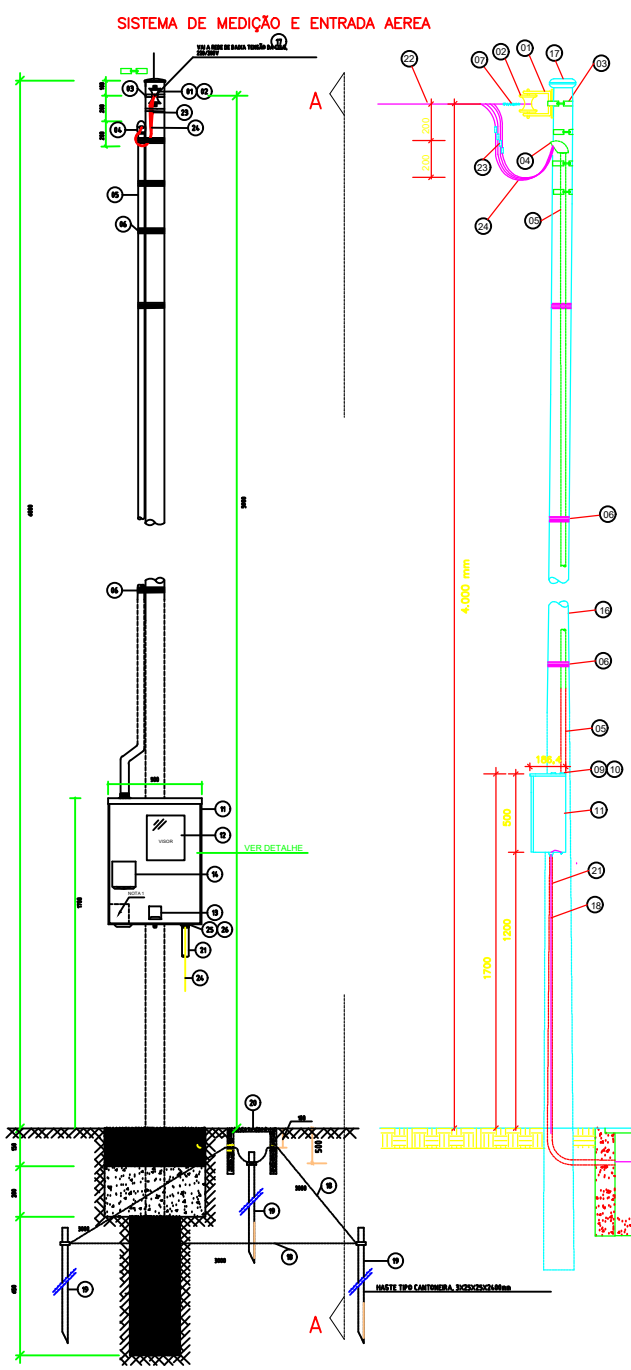
Quadro de Cargas (QD1)														
Circuito	Descrição	Esquema	Método de inst.	V (V)	Iluminação 150 (W)	Iluminação 400 (W)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA
1	Iluminação	F+N	B1	220 V	27	4	5.650	5.650	R	5.650			1.00	1.00
TOTAL					27	4	5.650	5.650	R	5.650	0	0		



ADVERTÊNCIA

1 - Quando um disjuntor ou fusível atua, desligando algum circuito ou a instalação inteira, a causa pode ser uma sobrecarga ou um curto-circuito. Desligamentos frequentes são sinal de sobrecarga. Por isso, NUNCA troque seus disjuntores ou fusíveis por outros de maior corrente (maior amperagem) simplesmente. Como regra, a troca de um disjuntor ou fusível por outro maior corrente requer, antes, a troca de fios e cabos elétricos, por outros de maior seção (bitola).

2 - Da mesma forma, NUNCA desative ou remova a chave automática de proteção contra choques elétricos (dispositivo DR), mesmo em caso de desligamentos sem causa aparente. Se os desligamentos forem frequentes e, principalmente, se as tentativas de religar a chave não tiverem dado, isso significa, muito provavelmente, que a instalação elétrica apresenta anomalias internas, que só podem ser identificadas e corrigidas por profissionais qualificados. A DESATIVACÃO OU REMOÇÃO DA CHAVE SIGNIFICA A ELIMINAÇÃO DA MEDIDA PROTETORA CONTRA CHOQUES ELÉTRICOS E RISCO DE VIDA PARA OS USUÁRIOS DA INSTALAÇÃO.



NOTAS:

1 - DIMENSÕES EM MILÍMETROS.

2 - A BATERIA DA BOLA DE PROTEÇÃO DEVE SER SUBSTITUÍDA A 100 DIAS QUANDO FOR O CASO.

3 - A BATERIA DA BOLA DE PROTEÇÃO DEVE SER SUBSTITUÍDA A 100 DIAS QUANDO FOR O CASO.

4 - A BATERIA DA BOLA DE PROTEÇÃO DEVE SER SUBSTITUÍDA A 100 DIAS QUANDO FOR O CASO.

5 - A BATERIA DA BOLA DE PROTEÇÃO DEVE SER SUBSTITUÍDA A 100 DIAS QUANDO FOR O CASO.

6 - A BATERIA DA BOLA DE PROTEÇÃO DEVE SER SUBSTITUÍDA A 100 DIAS QUANDO FOR O CASO.

7 - A BATERIA DA BOLA DE PROTEÇÃO DEVE SER SUBSTITUÍDA A 100 DIAS QUANDO FOR O CASO.

8 - A BATERIA DA BOLA DE PROTEÇÃO DEVE SER SUBSTITUÍDA A 100 DIAS QUANDO FOR O CASO.

9 - A BATERIA DA BOLA DE PROTEÇÃO DEVE SER SUBSTITUÍDA A 100 DIAS QUANDO FOR O CASO.

10 - A BATERIA DA BOLA DE PROTEÇÃO DEVE SER SUBSTITUÍDA A 100 DIAS QUANDO FOR O CASO.

11 - A BATERIA DA BOLA DE PROTEÇÃO DEVE SER SUBSTITUÍDA A 100 DIAS QUANDO FOR O CASO.

12 - A BATERIA DA BOLA DE PROTEÇÃO DEVE SER SUBSTITUÍDA A 100 DIAS QUANDO FOR O CASO.

QD1	LEGENDA DA MEDIÇÃO
1	PROTEÇÃO CONTRA CURTO-CIRCUITO E SOBRECARGA
2	PROTEÇÃO CONTRA CURTO-CIRCUITO E SOBRECARGA
3	PROTEÇÃO CONTRA CURTO-CIRCUITO E SOBRECARGA
4	PROTEÇÃO CONTRA CURTO-CIRCUITO E SOBRECARGA
5	PROTEÇÃO CONTRA CURTO-CIRCUITO E SOBRECARGA
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99	PROTEÇÃO CONTRA CURTO-CIRCUITO E SOBRECARGA
100	PROTEÇÃO CONTRA CURTO-CIRCUITO E SOBRECARGA

Lista de Materiais - Medidor 1	
Acessórios pr. medidores	
Atuador 3/4"	3 pc
Bucha zamak 3/4"	3 pc
Canais 180° PVC rosca 3/4"	1 pc
Canais 90° PVC rosca 3/4"	1 pc
Canais PVC rosca 3/4"	3 pc
Acessórios uso geral	
Fio isolante autocurado 20m	1 pc
Canal Unidiret (cabo) 180° HEPR - 0,6/1kV (ref. Pirelli Alumex) 6,0 mm²	40,0 m
Isol. PVC - 450/750V (ref. Inbrac Inbrasil Flex Antichama) 4,0 mm	30,0 m
Dispositivos de Proteção	
Disjuntor Monopolar Corrente Nominal - norma DIN 30 A	1 pc
Disjuntor Monopolar Corrente Nominal - norma DIN 16 A	2 pc
Eletroduto PVC flexível reforçado 3/4"	120,0 m
Luminárias e acessórios	
LUMINÁRIA DE LED PARA ILUMINAÇÃO PÚBLICA DE 27 pc 18 W 400 W - 180/270/360/450/540/630/720/810/900/1080/1200/1350/1500/1620/1800/2025/2250/2475/2700/3000/3240/3600/3960/4320/4770/5220/5670/6120/6570/7020/7470/7920/8370/8820/9270/9720/10170/10620/11070/11520/11970/12420/12870/13320/13770/14220/14670/15120/15570/16020/16470/16920/17370/17820/18270/18720/19170/19620/20070/20520/20970/21420/21870/22320/22770/23220/23670/24120/24570/25020/25470/25920/26370/26820/27270/27720/28170/28620/29070/29520/29970/30420/30870/31320/31770/32220/32670/33120/33570/34020/34470/34920/35370/35820/36270/36720/37170/37620/38070/38520/38970/39420/39870/40320/40770/41220/41670/42120/42570/43020/43470/43920/44370/44820/45270/45720/46170/46620/47070/47520/47970/48420/48870/49320/49770/50220/50670/51120/51570/52020/52470/52920/53370/53820/54270/54720/55170/55620/56070/56520/56970/57420/57870/58320/58770/59220/59670/60120/60570/61020/61470/61920/62370/62820/63270/63720/64170/64620/65070/65520/65970/66420/66870/67320/67770/68220/68670/69120/69570/70020/70470/70920/71370/71820/72270/72720/73170/73620/74070/74520/74970/75420/75870/76320/76770/77220/77670/78120/78570/79020/79470/79920/80370/80820/81270/81720/82170/82620/83070/83520/83970/84420/84870/85320/85770/86220/86670/87120/87570/88020/88470/88920/89370/89820/90270/90720/91170/91620/92070/92520/92970/93420/93870/94320/94770/95220/95670/96120/96570/97020/97470/97920/98370/98820/99270/99720/100170/100620/101070/101520/101970/102420/102870/103320/103770/104220/104670/105120/105570/106020/106470/106920/107370/107820/108270/108720/109170/109620/110070/110520/110970/111420/111870/112320/112770/113220/113670/114120/114570/115020/115470/115920/116370/116820/117270/117720/118170/118620/119070/119520/119970/120420/120870/121320/121770/122220/122670/123120/123570/124020/124470/124920/125370/125820/126270/126720/127170/127620/128070/128520/128970/129420/129870/130320/130770/131220/131670/132120/132570/133020/133470/133920/134370/134820/135270/135720/136170/136620/137070/137520/137970/138420/138870/139320/139770/140220/140670/141120/141570/142020/142470/142920/143370/143820/144270/144720/145170/145620/146070/146520/146970/147420/147870/148320/148770/149220/149670/150120/150570/151020/151470/151920/152370/152820/153270/153720/154170/154620/155070/155520/155970/156420/156870/157320/157770/158220/158670/159120/159570/160020/160470/160920/161370/161820/162270/162720/163170/163620/164070/164520/164970/165420/165870/166320/166770/167220/167670/168120/168570/169020/169470/169920/170370/170820/171270/171720/172170/172620/173070/173520/173970/174420/174870/175320/175770/176220/176670/177120/177570/178020/178470/178920/179370/179820/180270/180720/181170/181620/182070/182520/182970/183420/183870/184320/184770/185220/185670/186120/186570/187020/187470/187920/188370/188820/189270/189720/190170/190620/191070/191520/191970/192420/192870/193320/193770/194220/194670/195120/195570/196020/196470/196920/197370/197820/198270/198720/199170/199620/200070/200520/200970/201420/201870/202320/202770/203220/203670/204120/204570/205020/205470/205920/206370/206820/207270/207720/208170/208620/209070/209520/209970/210420/210870/211320/211770/212220/212670/213120/213570/214020/214470/214920/215370/215820/216270/216720/217170/217620/218070/218520/218970/219420/219870/220320/220770/221220/221670/222120/222570/223020/223470/223920/224370/224820/225270/225720/226170/226620/227070/227520/227970/228420/228870/229320/229770/230220/230670/231120/231570/232020/232470/232920/233370/233820/234270/234720/235170/235620/236070/236520/236970/237420/237870/238320/238770/239220/239670/240120/240570/241020/241470/241920/242370/242820/243270/243720/244170/244620/245070/245520/245970/246420/246870/247320/247770/248220/248670/249120/249570/250020/250470/250920/251370/251820/252270/252720/253170/253620/254070/254520/254970/255420/255870/256320/256770/257220/257670/258120/258570/259020/259470/259920/260370/260820/261270/261720/262170/262620/263070/263520/263970/264420/264870/265320/265770/266220/266670/267120/267570/268020/268470/268920/269370/269820/270270/270720/271170/271620/272070/272520/272970/273420/273870/274320/274770/275220/275670/276120/276570/277020/277470/277920/278370/278820/279270/279720/280170/280620/281070/281520/281970/282420/282870/283320/283770/284220/284670/285120/285570/286020/286470/286920/287370/287820/288270/288720/289170/289620/290070/290520/290970/291420/291870/292320/292770/293220/293670/294120/294570/295020/295470/295920/296370/296820/297270/297720/298170/298620/299070/299520/299970/300420/300870/301320/301770/302220/302670/303120/303570/304020/304470/304920/305370/305820/306270/306720/307170/307620/308070/308520/308970/309420/309870/310320/310770/311220/311670/312120/312570/313020/313470/313920/314370/314820/315270/315720/316170/316620/317070/317520/317970/318420/318870/319320/319770/320220/320670/321120/321570/322020/322470/322920/323370/323820/324270/324720/325170/325620/326070/326520/326970/327420/327870/328320/328770/329220/329670/330120/330570/331020/331470/331920/332370/332820/333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