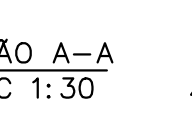
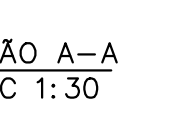
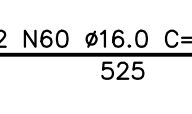
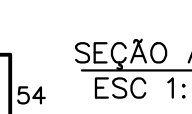
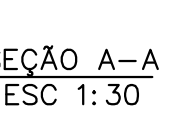
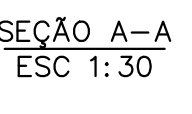
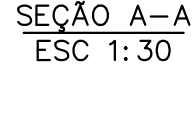
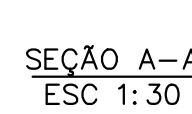
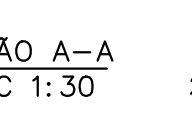
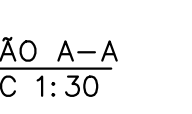
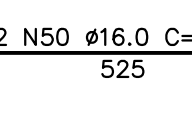
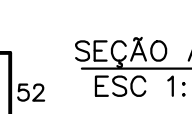
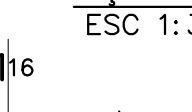
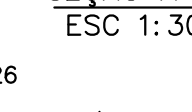
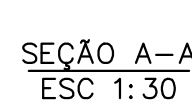


RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	10.0	33.6	22.8
	12.5	168.0	178.1
	16.0	486.1	844.8
	20.0	31.4	85.3
CA60	5.0	1063.5	180.1
PESO TOTAL			
CA50	1131.0		
CA60	180.1		

Vol. concreto total = 10.75 m³
 Área de forma total = 132.16 m²
 fck = 300.00 kgf/cm²



					Ministério do Esporte		TÍTULO: CIE - CENTRO DE INICIAÇÃO AO ESPORTE
	12/09/15	PAULO	EMISSIONAL INICIAL	ASBULT <input type="checkbox"/> EXECUTIVO <input checked="" type="checkbox"/> COMENTADO <input type="checkbox"/>	PROJETO: ESTRUTURA DE CONCRETO - PROJETO EXECUTIVO		
				AUTOR DO PROJETO:	ESPECIALIDADE: GINÁSIO CIE-R40-45 - ARMADURA, VIGAS E BALDRAMES		
				BÁSICO <input type="checkbox"/> ENG. PAULO SERGIO BATISTA PEREIRA CRA: 060086974DSF - ART: 92221220140570008	VERIFICAÇÃO/DATA: EMISSÃO INICIAL: FOLHA: ÁREA: 28/11/13 007/016 IMPLANTAÇÃO MÓD. 1.e 2 e 3 IDENTIFICADOR: ESCOLA IDENTIFICADOR: CIE-12/09/15 INDICADA CIE-R40-45-ESEC-EX-4006-R01.dw		
REV	DATA	RESP.	DESCRIÇÃO	FASE DO PROJETO			