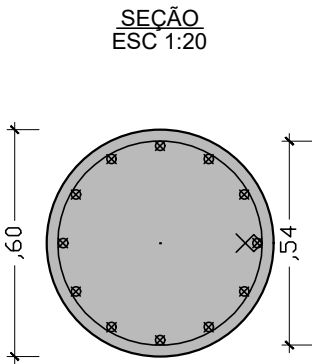
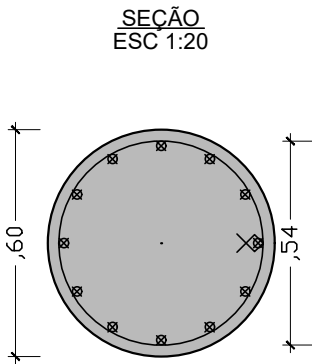


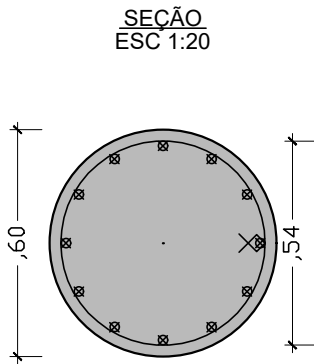
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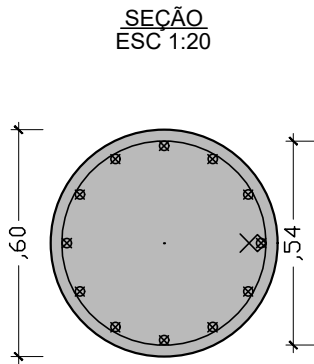
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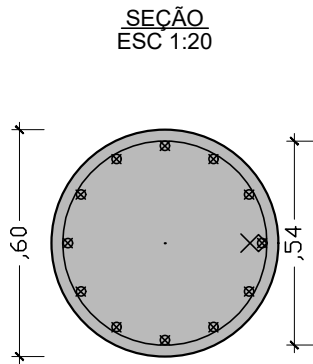
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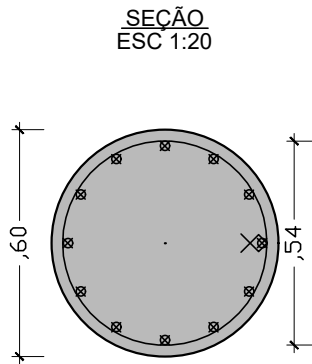
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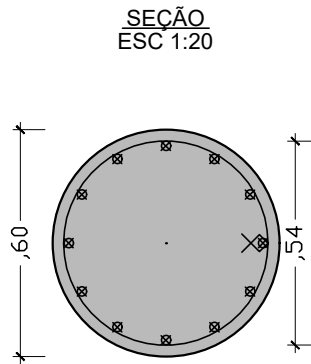
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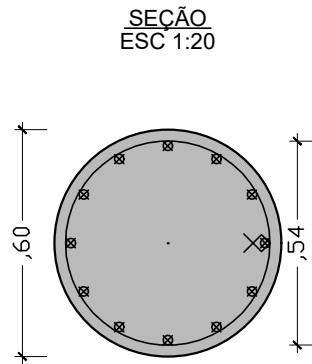
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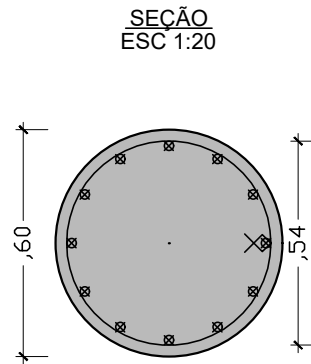
E-7



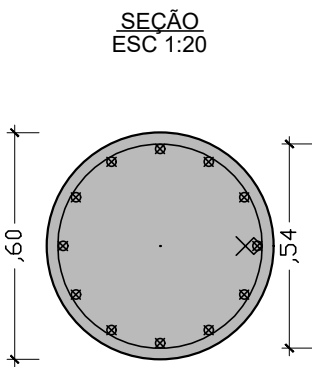
E-8



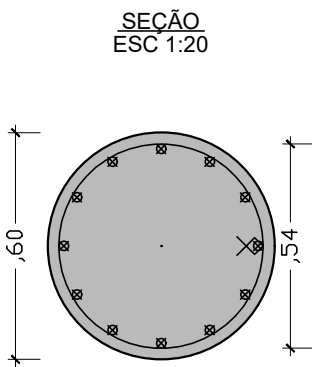
E-9



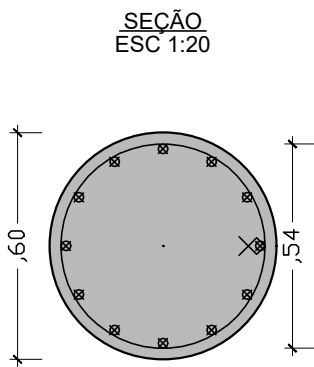
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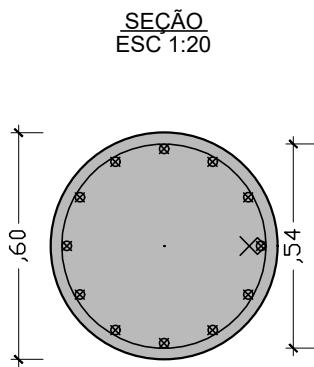
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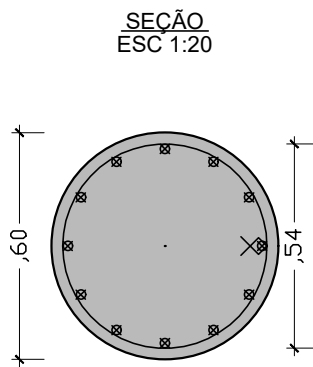
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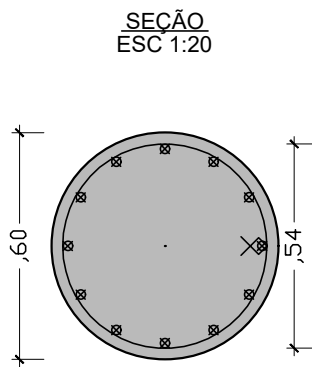
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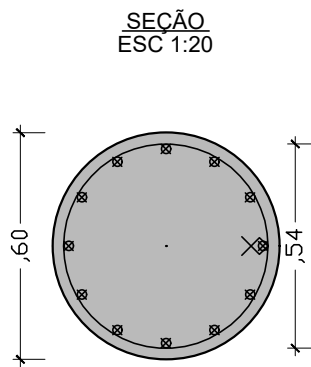
E-14



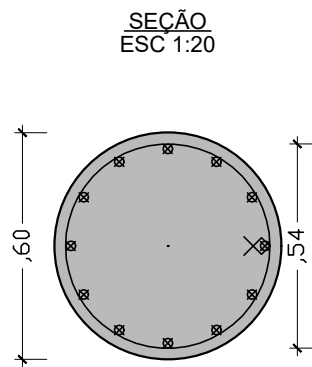
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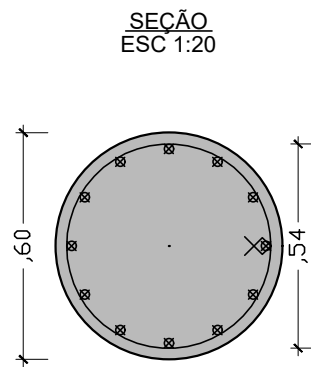
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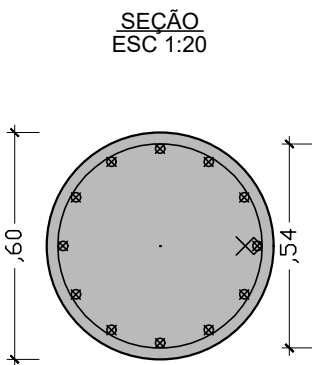
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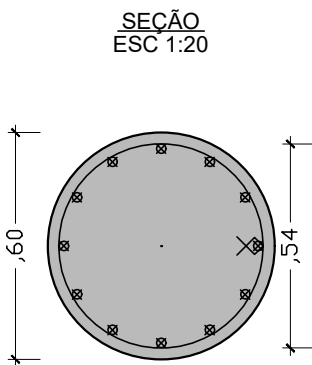
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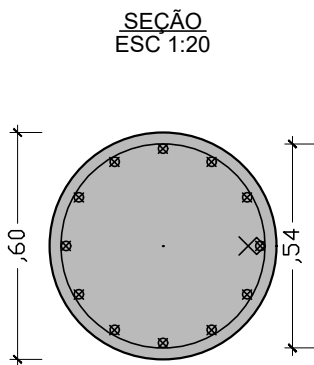
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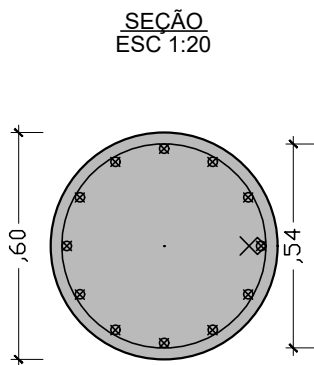
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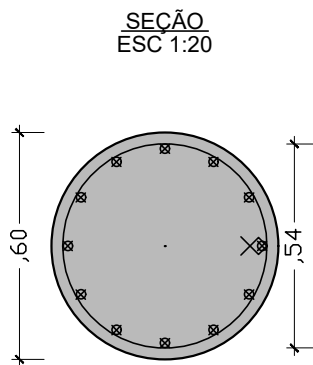
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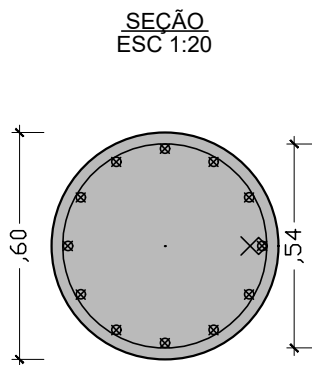
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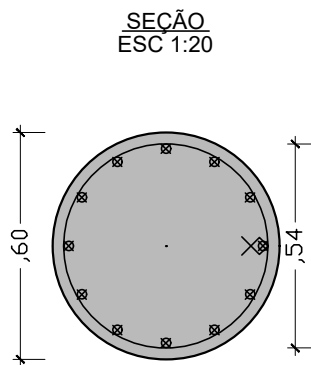
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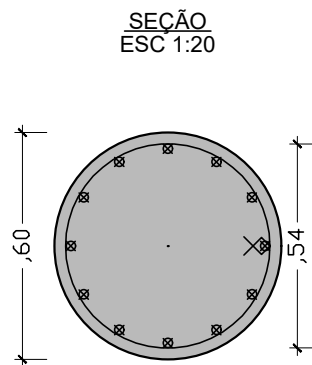
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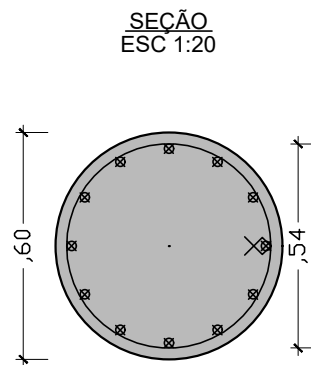
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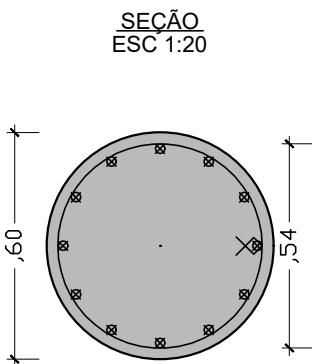
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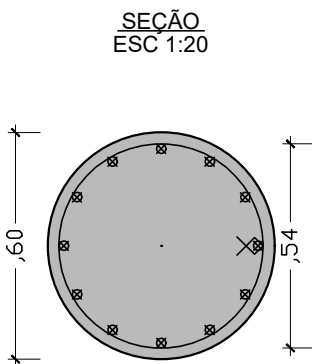
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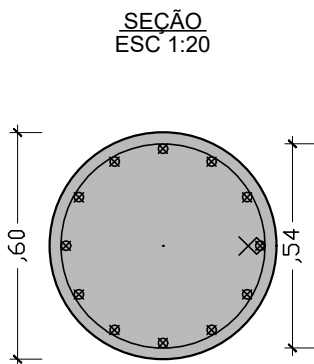
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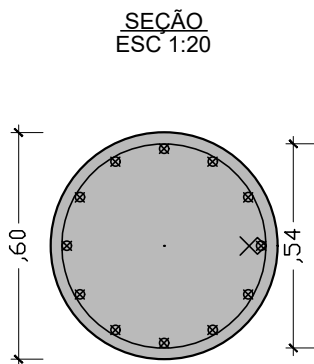
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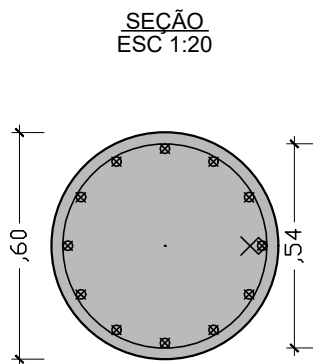
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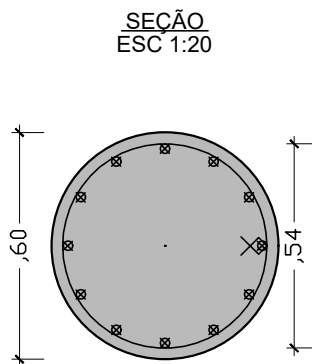
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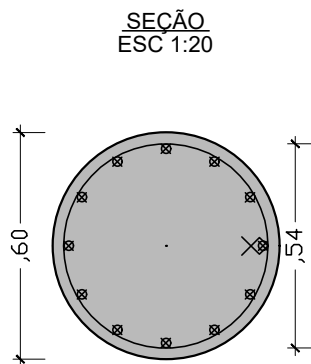
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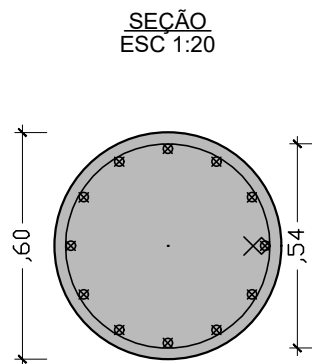
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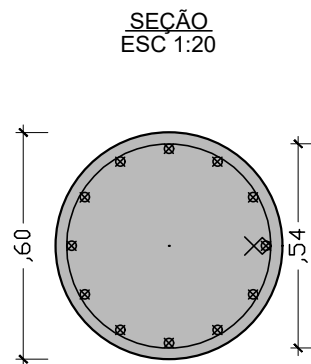
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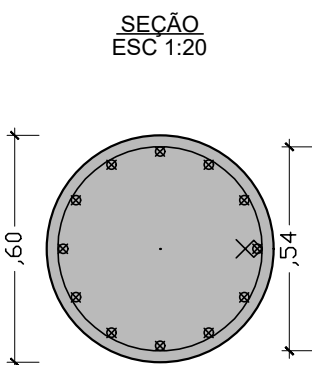
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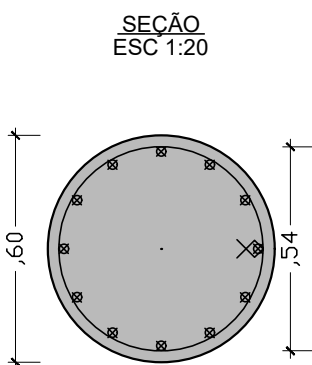
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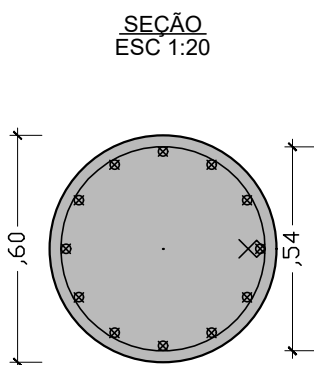
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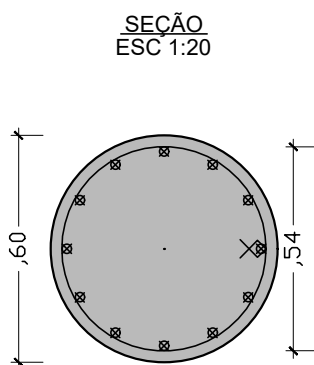
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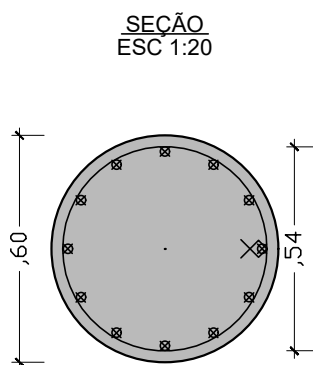
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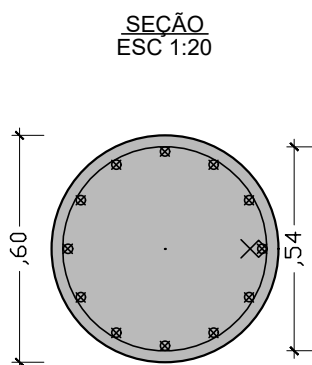
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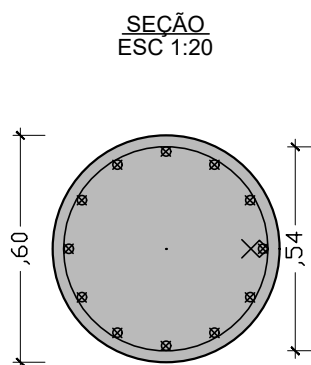
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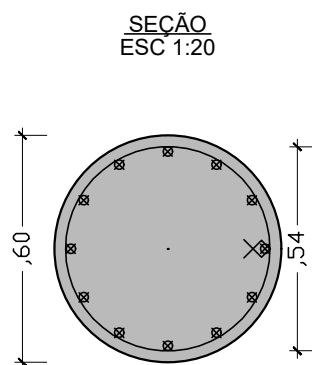
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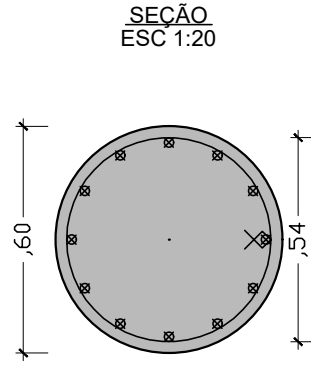
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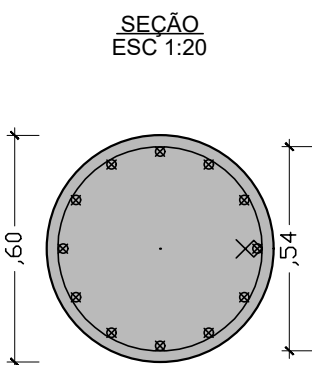
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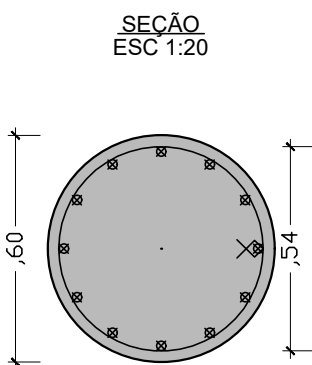
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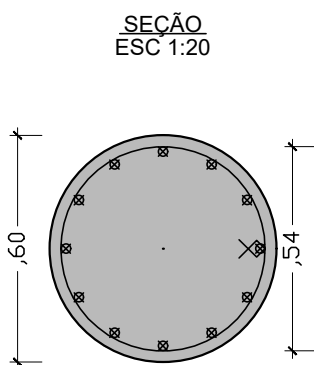
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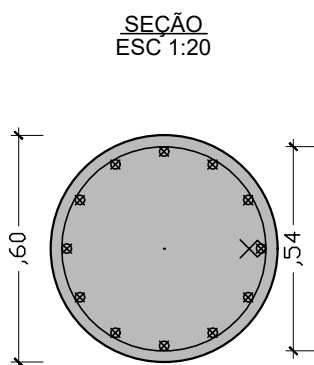
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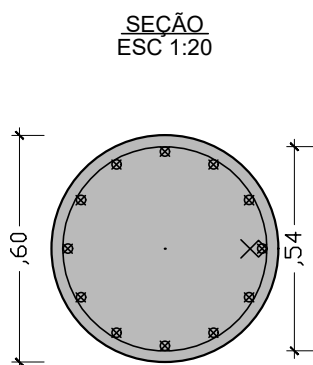
E-48



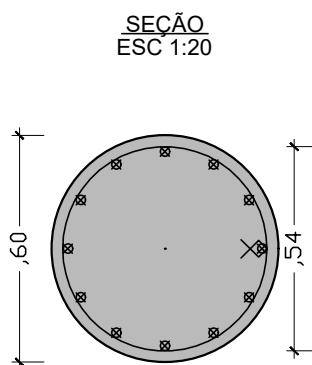
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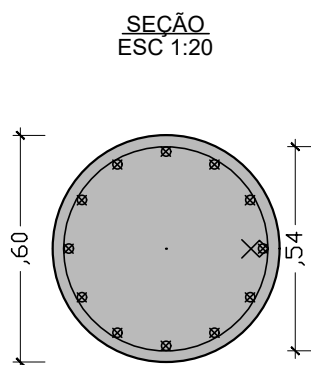
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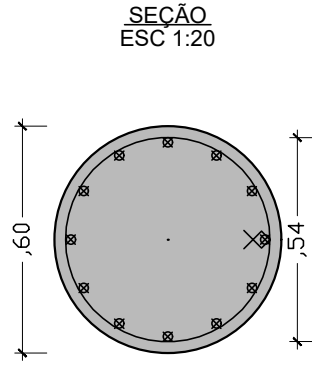
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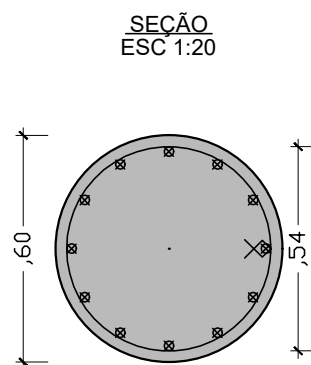
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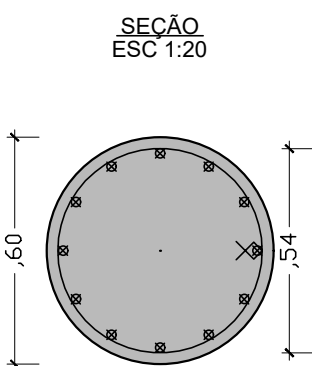
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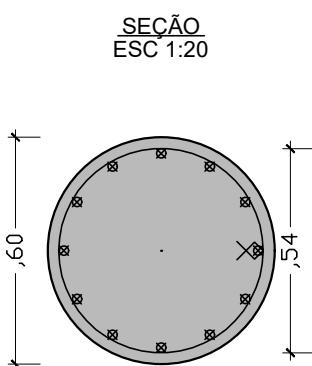
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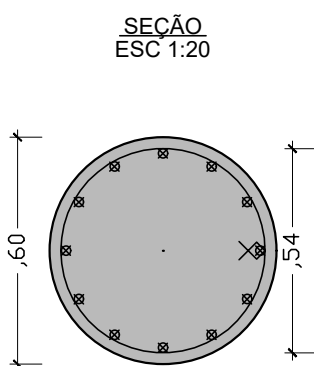
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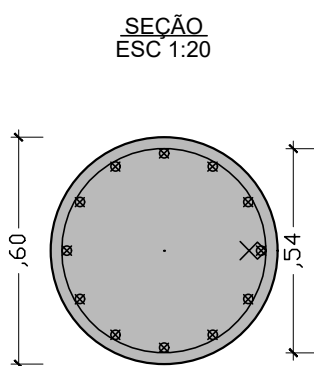
E-56



E-57



E-58



RELAÇÃO DO AÇO  
E1 - 58

AÇO	N	DIAM (mm)	QUANT	C. UNIT (cm)	C. TOTAL (cm)
CA50	1	6.3	5.684	1.512,00	1.074.276,00
	2	16.0	528	6.206,00	410.016,00
	3	16.0	528	7.170,00	474.480,00
	4	16.0	168	6.146,00	129.576,00
	5	16.0	168	6.990,00	148.320,00

RESUMO DO AÇO

AÇO	DIAM (mm)	C. TOTAL (m)	PESO + 0% (kg)
CA50	6.3 16.0	10.742,76 11.623,92	2.631,98 18.342,55
PESO TOTAL (kg)		CA50	20.974,53

Volume de concreto (C-30) = 258,00 m³  
Área de forma = 392,66 m²

NOTA:  
1. TODAS AS MEDIDAS ESTÃO EM METRO, EXCETO ONDE INDICADO.

<div><div>FOTE</div><div>FUNDAÇÃO PARA O DESENVOLVIMENTO TECNOLÓGICO DA ENGENHARIA</div></div>			<div><div><div>MUNICÍPIO DE HORTOLÂNDIA</div><div>Administração</div><div>Ângelo Perugini</div><div>2017-2020</div></div></div>		
Projelista: FUNDAÇÃO PARA O DESENVOLVIMENTO TECNOLÓGICO DA ENGENHARIA			Obra: VIÁRIO E PONTE ENTRE O SÃO SEBASTIÃO E INTERLAGOS (TRECHO - JARDIM INTERLAGOS E JARDIM SÃO SEBASTIÃO)		
			Local: JARDIM SÃO SEBASTIÃO HORTLÂNDIA - SP		Nº Contrato: 303/2018
Coordenador do Projeto: Antônio C. Fonseca		RRT/ART: 28027230181403241 CAU/CREA: 0600420948-SP	Título: ESTUDO E PROJETO DE ESTRUTURAS E OBRAS DE ARTE ESPECIAIS - ARMAÇÃO		Código: DE-3.07.00-4J2-008
Elaboração: Antônio Cesar Mayer	RRT/ART: 28027230190303422 CAU/CREA: 5060266232-SP	Visão:	SECRETARIA DE OBRAS E SERVIÇOS URBANOS	DEPARTAMENTO DE PROJETOS - APROVAÇÃO (CARIMBO E ASSINATURA)	Data:
			SECRETARIA DE OBRAS E SERVIÇOS URBANOS	DEPARTAMENTO DE OBRAS - APROVAÇÃO (CARIMBO E ASSINATURA)	Data:
			SECRETARIA DE MOBILIDADE URBANA	DEPARTAMENTO DE PROJETOS - APROVAÇÃO (CARIMBO E ASSINATURA)	Data:
			IND.		08/08