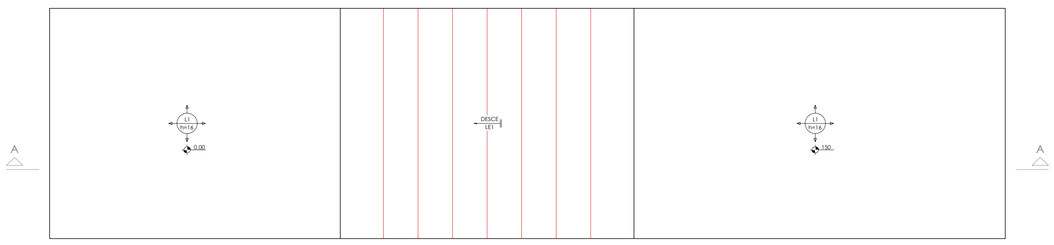
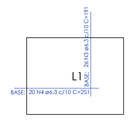
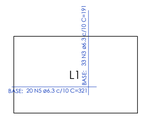


Armação positiva da escada E1
ESC 1:25



Base Piso 01
Escala 1:75

Corte A-A (LE1)
ESC 1:25



Base Piso
Escala 1:75

RELAÇÃO DO AÇO

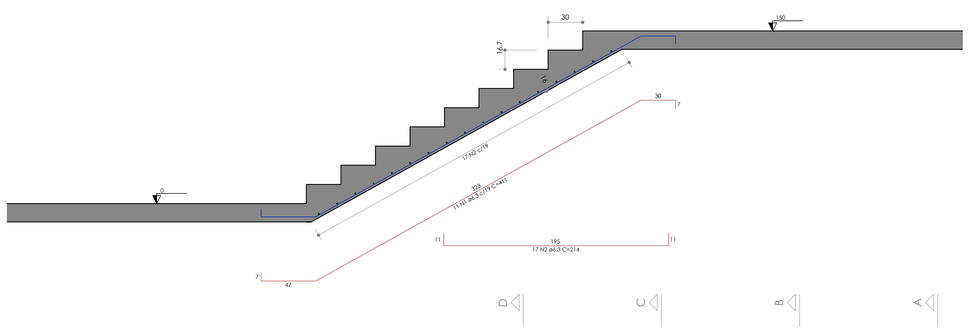
LE1-L2 — Negativos-L1 — Positivos-L2

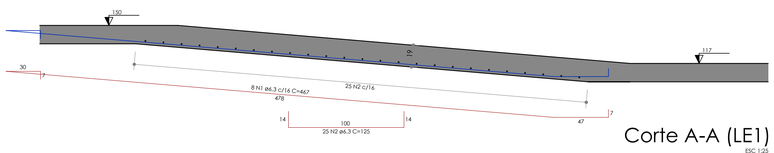
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	11	411	4521
	2	6.3	17	214	3638
	3	6.3	59	191	11269
	4	6.3	20	251	5020
	5	6.3	20	321	6420

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	308.7	29	83.1
PESO TOTAL (Kg)				
CA50	83.1			

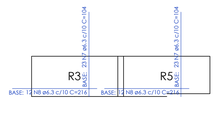
Volume de concreto (C-25) = 2.36 m³
Área de forma = 12.39 m²

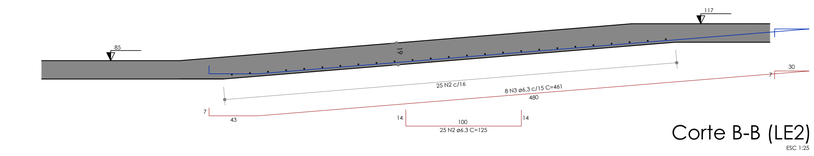




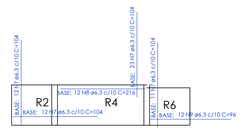
Corte A-A (LE1)
ESC 1:25

Base Rampa 0
Escala 1:75

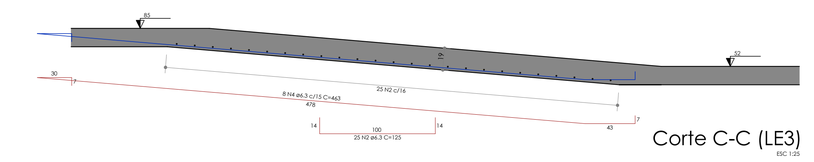




Corte B-B (LE2)
ESC 1:25



Base Rampas
Escala 1:75



Corte C-C (LE3)
ESC 1:25

RELAÇÃO DO AÇO

LE1-L2
LE4-L2
Negativos-L1

LE2-L2
LE5-L2

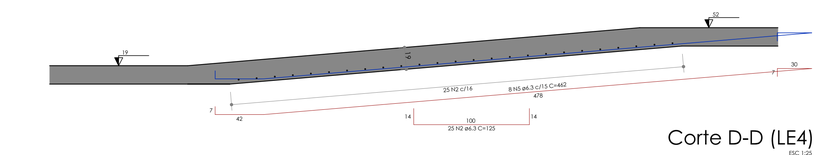
LE3-L2
Negativos-L2

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	8	461	3688
	2	6.3	113	125	14125
	3	6.3	8	463	3704
	4	6.3	8	463	3704
	5	6.3	8	462	3696
	6	6.3	8	503	2424
	7	6.3	115	104	11960
	8	6.3	36	216	7776
	9	6.3	24	96	2304

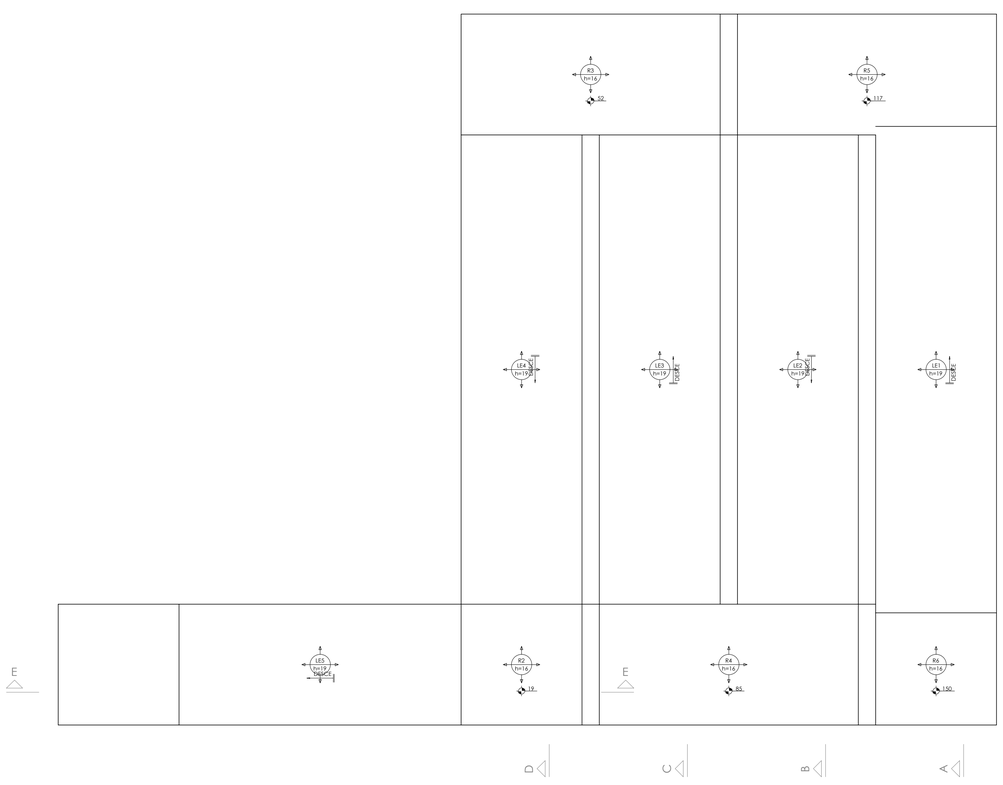
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	536.6	50	144.4
PESO TOTAL (kg)				
CA50	144.4			

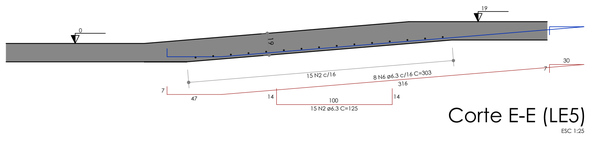
Volume de concreto (C-25) = 4.12 m³
Área de forma = 30.83 m²



Corte D-D (LE4)
ESC 1:25



Armação positiva da escada E1
ESC 1:25



Corte E-E (LE5)
ESC 1:25

PROJETO: PROJETO ESTRUTURAL EXTERNO	PRANCHA: 01 /01
DETALHES: DETALHAMENTO DAS RAMPAS E ESCADA	REVISÃO Nº
RESPONSÁVEL TÉCNICO E AUTOR DO PROJETO: LUCIANO CLEBERT SCABURI, ENGENHEIRO CIVIL, CREA 170072976-4	PROPRIETÁRIO: MUNICÍPIO DE SORRISO, CNPJ: 03.239.076/0001-62
OBRA: REFORMA E AMPLIAÇÃO - EDIF. PÚBLICA - CRAS SÃO JOSÉ	ARQUIVO
LOCAL: RUA SÃO NICOLAU, LOTE 19A, QUADRA 06 - LOTEAMENTO SÃO JOSÉ II, SORRISO - MT	DATA: DEZEMBRO / 2018