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Technical drawing of a reinforced concrete slab cross-section, showing reinforcement details, dimensions, and material specifications.

Reinforcement Details:

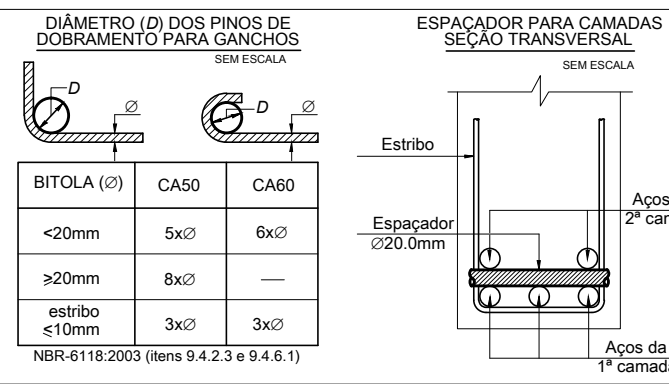
- Top Reinforcement:**
 - 2 N10 ø16.0 - 480 (434)
 - 1 N29 ø25.0 - 1200 (170)
 - 1 N29 ø25.0 - 1200 (170)
 - 1 N29 ø25.0 - 1200 (170)
 - 1 N29 ø25.0 - 1200 (170)
 - 1 N29 ø25.0 - 1200 (170)
 - 1 N29 ø25.0 - 1200 (170)
 - 1 N36 ø25.0 - 635 (370)
 - 2 N11 ø16.0 - 490 (474)
- Bottom Reinforcement:**
 - 3 N28 ø25.0 c/20 - 540 (275)
 - 1 N28 ø25.0 - 540 (2°camada) (295)
 - 2x3 N3 ø10.0 - 1200 (armadura pele)
 - 1ø2°camada
 - 3 N25 ø25.0 c/20 - 525 (280)
 - 3 N26 ø25.0 c/20 - 520 (275)
 - 1 N26 ø25.0 - 520 (2°camada) (295)
 - 2x3 N3 ø10.0 - 1200 (armadura pele)
 - 1ø2°camada: V13
 - 3 N26 ø25.0 c/20 - 520 (280)
 - 2 N27 ø25.0 c/40 - 515 (280)
 - 2 N26 ø25.0 c/20 - 520 (2°camada) (295)
 - 2ø2°camada
 - 2x3 N4 ø10.0 - 1120 (armadura pele)

Dimensions and Spacing:

- Overall width: 434
- Overall height: 474
- Reinforcement spacing: 170, 170, 170, 170, 170, 170, 170, 370, 474
- Reinforcement spacing: 275, 295, 280, 275, 295, 280, 295, 295, 110

Material Specifications:

- Concrete: C25
- Reinforcement: N10, N11, N19, N20, N21, N22, N23, N24, N25, N26, N27, N28, N29, N30, N31, N32, N33, N34, N35, N36, N37, N38, N39, N40, N41, N42, N43, N44, N45, N46, N47, N48, N49, N50, N51, N52, N53, N54, N55, N56, N57, N58, N59, N60, N61, N62, N63, N64, N65, N66, N67, N68, N69, N70, N71, N72, N73, N74, N75, N76, N77, N78, N79, N80, N81, N82, N83, N84, N85, N86, N87, N88, N89, N90, N91, N92, N93, N94, N95, N96, N97, N98, N99, N100, N101, N102, N103, N104, N105, N106, N107, N108, N109, N110, N111, N112, N113, N114, N115, N116, N117, N118, N119, N120, N121, N122, N123, N124, N125, N126, N127, N128, N129, N130, N131, N132, N133, N134, N135, N136, N137, N138, N139, N140, N141, N142, N143, N144, N145, N146, N147, N148, N149, N150, N151, N152, N153, N154, N155, N156, N157, N158, N159, N160, N161, N162, N163, N164, N165, N166, N167, N168, N169, N170, N171, N172, N173, N174, N175, N176, N177, N178, N179, N180, N181, N182, N183, N184, N185, N186, N187, N188, N189, N190, N191, N192, N193, N194, N195, N196, N197, N198, N199, N200, N201, N202, N203, N204, N205, N206, N207, N208, N209, N210, N211, N212, N213, N214, N215, N216, N217, N218, N219, N220, N221, N222, N223, N224, N225, N226, N227, N228, N229, N230, N231, N232, N233, N234, N235, N236, N237, N238, N239, N240, N241, N242, N243, N244, N245, N246, N247, N248, N249, N250, N251, N252, N253, N254, N255, N256, N257, N258, N259, N260, N261, N262, N263, N264, N265, N266, N267, N268, N269, N270, N271, N272, N273, N274, N275, N276, N277, N278, N279, N280, N281, N282, N283, N284, N285, N286, N287, N288, N289, N290, N291, N292, N293, N294, N295, N296, N297, N298, N299, N300, N301, N302, N303, N304, N305, N306, N307, N308, N309, N310, N311, N312, N313, N314, N315, N316, N317, N318, N319, N320, N321, N322, N323, N324, N325, N326, N327, N328, N329, N330, N331, N332, N333, N334, N335, N336, N337, N338, N339, N340, N341, N342, N343, N344, N345, N346, N347, N348, N349, N350, N351, N352, N353, N354, N355, N356, N357, N358, N359, N360, N361, N362, N363, N364, N365, N366, N367, N368, N369, N370, N371, N372, N373, N374, N375, N376, N377, N378, N379, N380, N381, N382, N383, N384, N385, N386, N387, N388, N389, N390, N391, N392, N393, N394, N395, N396, N397, N398, N399, N400, N401, N402, N403, N404, N405, N406, N407, N408, N409, N410, N411, N412, N413, N414, N415, N416, N417, N418, N419, N420, N421, N422, N423, N424, N425, N426, N427, N428, N429, N430, N431, N432, N433, N434, N435, N436, N437, N438, N439, N440, N441, N442, N443, N444, N445, N446, N447, N448, N449, N450, N451, N452, N453, N454, N455, N456, N457, N458, N459, N460, N461, N462, N463, N464, N465, N466, N467, N468, N469, N470, N471, N472, N473, N474, N475, N476, N477, N478, N479, N480, N481, N482, N483, N484, N485, N486, N487, N488, N489, N490, N491, N492, N493, N494, N495, N496, N497, N498, N499, N500, N501, N502, N503, N504, N505, N506, N507, N508, N509, N510, N511, N512, N513, N514, N515, N516, N517, N518, N519, N520, N521, N522, N523, N524, N525, N526, N527, N528, N529, N530, N531, N532, N533, N534, N535, N536, N537, N538, N539, N540, N541, N542, N543, N544, N545, N546, N547, N548, N549, N550, N551, N552, N553, N554, N555, N556, N557, N558, N559, N560, N561, N562, N563, N564, N565, N566, N567, N568, N569, N570, N571, N572, N573, N574, N575, N576, N577, N578, N579, N580, N581, N582, N583, N584, N585, N586, N587, N588, N589, N590, N591, N592, N593, N594, N595, N596, N597, N598, N599, N600, N601, N602, N603, N604, N605, N606, N607, N608, N609, N610, N611, N612, N613, N614, N615, N616, N617, N618, N619, N620, N621, N622, N623, N624, N625, N626, N627, N628, N629, N630, N631, N632, N633, N634, N635, N636, N637, N638, N639, N640, N641, N642, N643, N644, N645, N646, N647, N648, N649, N650, N651, N652, N653, N654, N655, N656, N657, N658, N659, N660, N661, N662, N663, N664, N665, N666, N667, N668, N669, N670, N671, N672, N673, N674, N675, N676, N6

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01 NBR6118:2007 – Classe de Agressividade Ambiental = II.
02 NBR6118:2007 – Concreto com $f_{ck}=25\text{MPa}$ – Aço CA-50.
03 NBR6118:2007 – Cobrimento para vigas, em todas as faces: 3,0cm.
04 Unidades: diâmetro do aço em milímetro; espaçamento e comprimento em centímetro;

00	02/07/12	Emissão inicial.
REVISÃO	DATA	MODIFICAÇÕES

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA50	1	8.3	1845	188	346860
	2	6.0	117	188	21996
	3	10.0	102	1200	122400
	4	10.0	18	1120	20160
	5	10.0		6	3342
	6	16.0	1	340	340
	7	16.0	86	844	72584
	8	16.0	1	345	345
	9	16.0	1	335	335
	10	16.0	6	480	2880
	11	16.0	4	370	1960
	12	16.0	4	355	1420
	13	16.0	5	350	1750
	14	16.0	1	360	360
	15	16.0	2	475	950
	16	16.0	2	470	940
	17	16.0	2	370	740
	18	16.0	4	630	2520
	19	25.0	1	685	685
	20	25.0	8	846	6768
	21	25.0	1	485	485
	22	25.0	1	715	715
	23	25.0	6	872	5232
	24	25.0	6	525	1575
25	25.0	12	520	6240	
26	25.0	8	515	4120	
27	25.0	5	540	2700	
28	25.0	28	1200	33600	
29	30.0	2	635	1270	
30	25.0	4	996	3984	
31	25.0	2	430	860	
32	25.0	2	890	1780	
33	25.0	2	480	960	
34	25.0	2	625	1250	
35	25.0	1	535	535	
36	25.0	2	710	1420	
37	25.0	14	510	7140	
38	25.0	5	505	2525	
39	25.0	8	545	4360	
40	25.0	12	550	6600	
41	25.0	1	660	660	
42	25.0	1	864	864	
43	25.0	1	675	675	
44	25.0	3	530	1590	
45	25.0	1	770	770	
46	25.0	1	975	975	
47	25.0	2	420	840	
48	25.0	2	1105	2210	

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	3468.6	848.8
	8.0	220	86.8
	10.0	1459.1	899.5
	16.0	871.3	1375.1
	25.0	1029.3	3966.1
PESO TOTAL (kg)		Vol. concreto = 50.84 m³ Área formas = 391.97 m²	
CA50	7176.3		

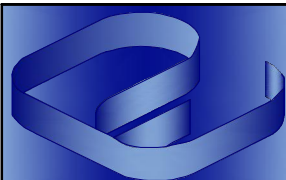
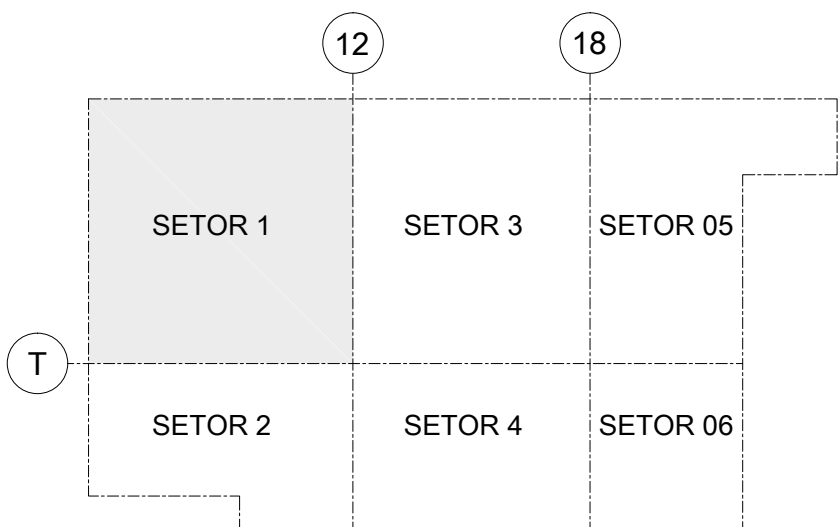
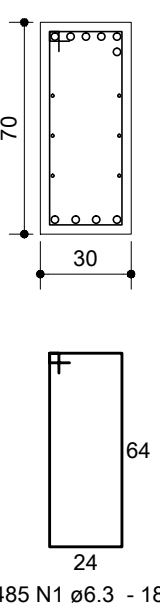
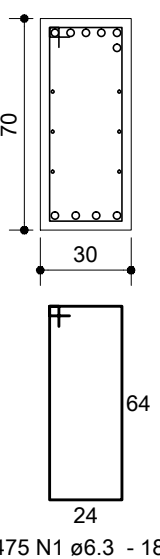
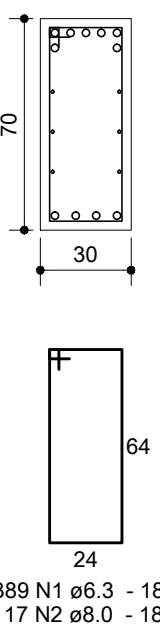
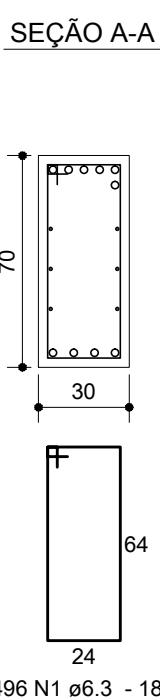
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64

24

89 N1 $\varnothing 6.3$ - 18
17 N2 $\varnothing 8.0$ - 18



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				ARMACÕES	ARMO3-18
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