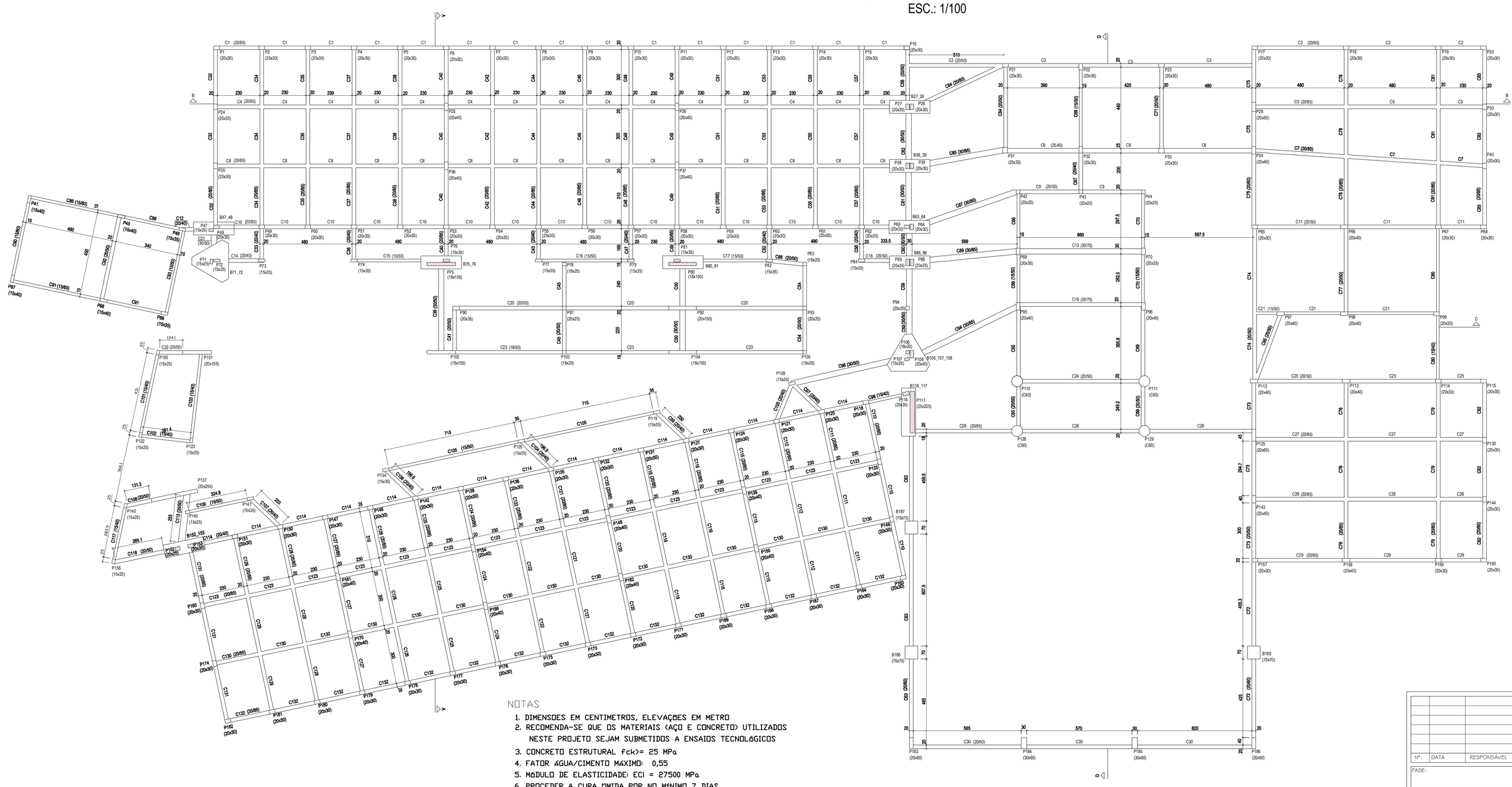
MAPA DE CARGAS

Pilar							Fundação		
Nome	Seção (cm)	Carga Máx. (tf)	Mx (kgf.m)	My (kgf.m)	Fx (tf)	Fy (tf)	Nome	Lado B (cm)	Lado H (cm)
P91	20x20	39.1	0	0	0.1	0.1	B91	70	70
P92	20x150	171.7	0	0	2.3	0.5	B92	220	70
P93	20x20	50.9	0	0	0.1	0.1	B93	70	70
P94	20x20	110.7	0	0	0.1	0.2	B94	70	70
P95	20x40	74.9	0	0	0.1	0.2	B95	70	70
P96	20x40	69.5	0	0	0.1	0.3	B96	70	70
P97	20x40	85.7	0	0	0.1	0.2	B97	70	70
P98	20x40	53.5	0	0	0.1	0.1	B98	70	70
P99	20x30	50.0	0	0	0.1	0.1	B99	70	70
P100	15x25	12.1	0	0	0.1	0.1	B100	70	70
P101	20x155	47.9	0	0	0.5	0.2	B101	220	70
P102	18x155	35.1	0	0	2.4	0.4	B102	220	70
P103	18x20	23.5	0	0	0.1	0.1	B103	70	70
P104	18x150	40.1	0	0	1.9	0.3	B104	220	70
P105	18x20	24.0	0	0	0.1	0.1	B105	70	70
P109	15x35	21.7	0	0	0.1	0.1	B109	70	70
P110	C60	101.1	0	0	0.2	1.0	B110	70	70
P111	C60	94.6	0	0	0.2	1.3	B111	70	70
P112	20x40	80.3	0	0	0.2	0.4	B112	70	70
P113	20x40	130.9	0	0	0.2	0.4	B113	70	70
P114	20x30	78.1	0	0	0.1	0.2	B114	70	70
P115	20x30	18.5	0	0	0.1	0.1	B115	70	70
P118	20x30	73.8	0	0	0.1	0.2	B118	70	70
P119	15x35	21.1	0	0	0.1	0.1	B119	70	70
P120	20x30	37.4	0	0	0.1	0.1	B120	70	70
P121	20x30	38.3	0	0	0.1	0.1	B121	70	70
P122	15x25	21.1	0	0	0.1	0.1	B122	70	70
P123	15x25	15.8	0	0	0.1	0.1	B123	70	70
P124	20x30	47.8	0	0	0.1	0.1	B124	70	70
P125	20x65	76.4	0	0	0.2	1.2	B125	75	75
P126	15x35	21.8	0	0	0.1	0.1	B126	70	70
P127	20x30	39.5	0	0	0.1	0.1	B127	70	70
P128	C60	90.3	0	0	1.8	0.9	B128	70	70
P129	C60	59.2	0	0	0.5	1.2	B129	70	70
P130	20x30	47.8	0	0	0.1	0.2	B130	70	70
P131	20x30	38.7	0	0	0.1	0.1	B131	70	70
P132	20x30	47.6	0	0	0.1	0.1	B132	70	70
P133	20x30	56.5	0	0	0.1	0.1	B133	70	70
P134	15x35	20.9	0	0	0.1	0.1	B134	70	70
P135	20x30	39.3	0	0	0.1	0.1	B135	70	70
P136	20x30	38.7	0	0	0.1	0.1	B136	70	70
P137	20x255	62.5	0	0	1.9	0.6	B137	275	70
P138	20x30	48.1	0	0	0.1	0.1	B138	70	70
P139	20x40	81.4	0	0	0.1	0.4	B139	70	70
P140	15x25	12.6	0	0	0.1	0.1	B140	70	70
P141	15x35	18.5	0	0	0.1	0.1	B141	70	70
P142	20x30	39.3	0	0	0.1	0.1	B142	70	70
P143	20x40	49.8	0	0	0.2	0.4	B143	70	70
P144	20x30	48.3	0	0	0.1	0.2	B144	70	70
P145	15x25	6.2	0	0	0.1	0.1	B145	70	70
P146	20x30	38.7	0	0	0.1	0.1	B146	70	70
P147	20x30	48.4	0	0	0.1	0.1	B147	70	70
P148	20x40	81.0	0	0	0.1	0.4	B148	70	70
P149	20x30	48.3	0	0	0.1	0.2	B149	70	70
P150	20x30	39.4	0	0	0.1	0.1	B150	70	70
P151	20x30	46.2	0	0	0.1	0.1	B151	70	70
P154	20x40	81.2	0	0	0.1	0.4	B154	70	70
P155	20x40	80.5	0	0	0.1	0.4	B155	70	70
P156	15x25	12.7	0	0	0.1	0.1	B156	70	70
P157	20x30	36.2	0	0	0.3	0.1	B157	70	70
P158	20x40	102.4	0	0	0.4	0.3	B158	70	70
P159	20x30	59.3	0	0	0.1	0.2	B159	70	70
P160	20x30	19.3	0	0	0.2	0.2	B160	70	70
P161	20x40	81.7	0	0	0.1	0.3	B161	70	70
P162	20x40	79.9	0	0	0.1	0.4	B162	70	70
P163	20x30	24.7	0	0	0.1	0.1	B163	70	70
P164	20x30	32.3	0	0	0.1	0.1	B164	70	70
P165	20x30	62.9	0	0	0.1	0.1	B165	70	70
P166	20x40	79.7	0	0	0.1	0.3	B166	70	70
P167	20x30	34.1	0	0	0.1	0.1	B167	70	70
P168	20x30	33.7	0	0	0.1	0.1	B168	70	70
P169	20x30	33.8	0	0	0.1	0.1	B169	70	70
P170	20x40	80.2	0	0	0.1	0.3	B170	70	70
P171	20x30	33.5	0	0	0.1	0.1	B171	70	70
P172	20x30	33.2	0	0	0.1	0.1	B172	70	70
P173	20x30	33.7	0	0	0.1	0.1	B173	70	70
P174	20x30	47.7	0	0	0.1	0.2	B174	70	70
P175	20x30	33.4	0	0	0.1	0.1	B175	70	70
P176	20x30	33.0	0	0	0.1	0.1	B176	70	70
P177	20x30	33.5	0	0	0.1	0.1	B177	70	70
P178	20x30	33.3	0	0	0.1	0.1	B178	70	70
P179	20x30	33.3	0	0	0.1	0.1	B179	70	70
P180	20x30	34.2	0	0	0.1	0.1	B180	70	70
P181	20x30	31.5	0	0	0.1	0.1	B181	70	70
P182	20x30	22.2	0	0	0.1	0.1	B182	70	70
P183	20x60	20.4	0	0	0.2	0.2	B183	70	70
P184	30x60	44.0	0	0	0.2	0.4	B184	70	70
P185	30x60	45.6	0	0	0.2	0.4	B185	70	70
P186	20x60	22.0	0	0	0.2	0.9	B186	70	70
PB27_28	60x60	18.1	0	0	1.0	1.0	B27_28	220	70
PB38_39	60x60	12.8	0	0	0.8	2.0	B38_39	220	70
PB47_48	60x70	30.5	0	0	1.5	1.9	B47_48	220	70
PB63_64	60x70	17.9	0	0	1.1	1.8	B63_64	220	70
PB71_72	60x70	8.3	0	0	0.3	1.8	B71_72	231	200
PB75_76	35x155	7.4	0	0	0.3	0.1	B75_76	220	70
PB81_80	36x155	16.4	0	0	0.5	1.9	B81_80	220	70
PB85_86	60x70	34.2	0	0	1.2	5.5	B85_86	220	70
PB106_7_8	70x70	38.2	0	0	1.2	7.2	B106_7_8	231	200
PB116_117	65x235	22.5	0	0	0.9	0.9	B116_117	261	76
PB138_139	60x110	21.5	0	0	1.4	3.1	B138_139	220	70

Estacas	
de (cm)	Quantidade
50	195

Forma do pavimento TÉRREO
ESC.: 1/100



Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
C1	20x65	0	0
C2	20x65	0	0
C3	20x30	0	0
C4	20x65	0	0
C5	20x65	0	0
C6	20x40	0	0
C7	20x65	0	0
C8	20x65	0	0
C9	20x30	0	0
C10	20x65	0	0
C11	20x30	0	0
C12	20x40	0	0
C13	30x70	0	0
C14	15x40	0	0
C15	15x50	0	0
C16	15x50	0	0
C17	15x50	0	0
C18	20x50	0	0
C19	20x75	0	0
C20	20x50	0	0
C21	15x50	0	0
C22	20x50	0	0
C23	15x50	0	0
C24	20x50	0	0
C25	20x50	0	0
C26	20x65	0	0
C27	20x65	0	0
C28	20x65	0	0
C29	20x65	0	0
C30	20x60	0	0
C31	30x60	0	0
C32	20x65	0	0
C33	20x40	0	0
C34	20x65	0	0
C35	20x65	0	0
C36	15x40	0	0
C37	20x65	0	0
C38	20x65	0	0
C39	30x60	0	0
C40	20x65	0	0
C41	20x40	0	0
C42	20x65	0	0
C43	20x40	0	0
C44	20x65	0	0
C45	20x40	0	0
C46	20x65	0	0
C47	20x40	0	0
C48	20x65	0	0
C49	20x65	0	0
C50	30x60	0	0
C51	20x65	0	0
C52	20x40	0	0
C53	20x65	0	0
C54	20x40	0	0
C55	20x65	0	0
C56	20x40	0	0
C57	20x65	0	0
C58	20x40	0	0
C59	30x60	0	0
C60	30x60	0	0
C61	30x60	0	0
C62	30x60	0	0
C63	20x40	0	0
C64	20x40	0	0
C65	20x40	0	0
C66	15x60	0	0

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
C67	20x40	0	0
C68	15x50	0	0
C69	20x50	0	0
C70	15x50	0	0
C71	20x50	0	0
C72	20x60	0	0
C73	20x50	0	0
C74	20x50	0	0
C75	20x60	0	0
C76	20x65	0	0
C77	20x50	0	0
C78	20x65	0	0
C79	20x65	0	0
C80	15x40	0	0
C81	20x65	0	0
C82	20x65	0	0
C83	20x65	0	0
C84	20x65	0	0
C85	30x65	0	0
C86	15x60	0	0
C87	30x65	0	0
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C106	20x40	0	0
C107	20x40	0	0
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C109	15x50	0	0
C110	20x65	0	0
C111	20x65	0	0
C112	20x65	0	0
C113	30x50	0	0
C114	20x40	0	0
C115	20x65	0	0
C116	30x50	0	0
C117	15x40	0	0
C118	20x50	0	0
C119	20x65	0	0
C120	20x65	0	0
C121	20x65	0	0
C122	20x65	0	0
C123	20x65	0	0
C124	20x65	0	0
C125	20x65	0	0
C126	20x65	0	0
C127	20x65	0	0
C128	20x65	0	0
C129	20x65	0	0
C130	20x65	0	0
C131	20x65	0	0
C132	20x65	0	0

NOTAS

1. DIMENSOES EM CENTIMETROS, ELEVAÇOES EM METRO
2. RECOMENDA-SE QUE OS MATERIAIS (AÇO E CONCRETO) UTILIZADOS NESTE PROJETO SEJAM SUBMETIDOS A ENSAIOS TECNOLOGICOS
3. CONCRETO ESTRUTURAL fck>= 25 MPa
4. FATOR AGUA/CIMENTO MAXIMO: 0,55
5. MODULO DE ELASTICIDADE: ECI = 27500 MPa
6. PROCEDER A CURA UMIDA POR NO MINIMO 7 DIAS
7. O ENGENHEIRO RESPONSAVEL PELA OBRA DEVERA OBEDECER AS RECOMENDAÇOES DAS NORMAS TECNICAS APLICAVEIS, DEDICANDO ESPECIAL ATENÇAO AS SEGUINTES ATIVIDADES:
   - 7.1. CONCRETO: PREPARO, CONTROLE, RECEBIMENTO, TRANSPORTE, LANÇAMENTO, ADENSAMENTO E CURA
   - 7.2. FORMA: CONFERENCIA DAS MEDIDAS E POSIÇOES, LIMPEZA, ESTANQUEIDADE, SATURAÇAO DAS FORMAS ABSORVENTES (RETIRAR EXCESSO DE AGUA), CUIDADO COM O USO DOS DESMOLDANTES E RETIRADA DAS FORMAS
   - 7.3. ARMAÇAO: LIMPEZA, MONTAGEM, COBRIMENTO (USO DE ESPAÇADORES PLASTICOS ADEQUADOS), E GARANTIA DA POSIÇAO DAS ARMADURAS ANTES E DURANTE A CONCRETAGEM
8. A EXECUÇAO DA ESTRUTURA DEVERA CONTAR COM O ACOMPANHAMENTO DE UM TECNOLOGISTA DE CONCRETO
9. COBRIMENTO DA ARMADURA DAS VIGAS E PILARES DE 3,00 CM
10. COBRIMENTO DA ARMADURA DAS LAJES DE 2,50 CM
11. CLASSE DE AGRESSIVIDADE AMBIENTAL II
12. NAO PODERAO SER REALIZADOS FUROS EM ELEMENTOS ESTRUTURAIS
13. OS NIVEIS DOS ELEMENTOS ESTRUTURAIS DEVEM SER CONFERIDOS NO CORTE E DEMAIS PRANCHAS DE DETALHEMENTO.

Nº.	DATA	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO:

FASE: PROJETO ESTRUTURAL

PAVILHÃO DE SALAS DE AULA II
CAMPUS JK / DIAMANTINA
RODOVIA MG 367, KM 583, Nº 5000 - ALTO DA JACUBA - DIAMANTINA/MG

UFVJM

PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI — CNPJ: 16.888.315/0001-57

TÍTULO: FORMA DO PAVIMENTO TÉRREO

AUTOR PROJETO ARQUITETÔNICO / RT:
MACEDO SIQUEIRA PROJETOS & ENGENHARIA LTDA-ME
CNPJ: 09.566.886/0001-57
RT: ENG. CIVIL: ANTONIO AUGUSTO DE MACEDO - CREA: 81.746/D|MG
RUA MARGARIDA CORTONA Nº759, CAMARI, SETE LAGOAS/MG
FONES. (31) 3771-0554 / 9997-3184
A.MACEDO Projetos e Engenharia
www.amacedoengenharia.com.br
Fones: (31) 3771-0554 /9997-3184

VERSÃO:	DATA:	AUTOCAD:	FOLHA:
VERSÃO 1	30.08.2011		02/48

ARQUIVO: PAVILHÃO DE AULAS\PA2-PTB-1210(2 PAVTOS) - EST

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