

The image is a detailed architectural floor plan of a laboratory complex. It features several laboratory rooms, each labeled with a number and a name, such as LA801, LA802, LA803, LA804, LA805, LA806, and LA807. The plan includes a central corridor and various rooms, each with a door type (e.g., C-100, C-101, C-102, C-103, C-104, C-105, C-106, C-107, C-108, C-109, C-110, C-111, C-112, C-113, C-114, C-115, C-116, C-117, C-118, C-119, C-120, C-121, C-122, C-123, C-124, C-125, C-126, C-127, C-128, C-129, C-130, C-131, C-132, C-133, C-134, C-135, C-136, C-137, C-138, C-139, C-140, C-141, C-142, C-143, C-144, C-145, C-146, C-147, C-148, C-149, C-150, C-151, C-152, C-153, C-154, C-155, C-156, C-157, C-158, C-159, C-160, C-161, C-162, C-163, C-164, C-165, C-166, C-167, C-168, C-169, C-170, C-171, C-172, C-173, C-174, C-175, C-176, C-177, C-178, C-179, C-180, C-181, C-182, C-183, C-184, C-185, C-186, C-187, C-188, C-189, C-190, C-191, C-192, C-193, C-194, C-195, C-196, C-197, C-198, C-199, C-200, C-201, C-202, C-203, C-204, C-205, C-206, C-207, C-208, C-209, C-210, C-211, C-212, C-213, C-214, C-215, C-216, C-217, C-218, C-219, C-220, C-221, C-222, C-223, C-224, C-225, C-226, C-227, C-228, C-229, C-230, C-231, C-232, C-233, C-234, C-235, C-236, C-237, C-238, C-239, C-240, C-241, C-242, C-243, C-244, C-245, C-246, C-247, C-248, C-249, C-250, C-251, C-252, C-253, C-254, C-255, C-256, C-257, C-258, C-259, C-260, C-261, C-262, C-263, C-264, C-265, C-266, C-267, C-268, C-269, C-270, C-271, C-272, C-273, C-274, C-275, C-276, C-277, C-278, C-279, C-280, C-281, C-282, C-283, C-284, C-285, C-286, C-287, C-288, C-289, C-290, C-291, C-292, C-293, C-294, C-295, C-296, C-297, C-298, C-299, C-300, C-301, C-302, C-303, C-304, C-305, C-306, C-307, C-308, C-309, C-310, C-311, C-312, C-313, C-314, C-315, C-316, C-317, C-318, C-319, C-320, C-321, C-322, C-323, C-324, C-325, C-326, C-327, C-328, C-329, C-330, C-331, C-332, C-333, C-334, C-335, C-336, C-337, C-338, C-339, C-340, C-341, C-342, C-343, C-344, C-345, C-346, C-347, C-348, C-349, C-350, C-351, C-352, C-353, C-354, C-355, C-356, C-357, C-358, C-359, C-360, C-361, C-362, C-363, C-364, C-365, C-366, C-367, C-368, C-369, C-370, C-371, C-372, C-373, C-374, C-375, C-376, C-377, C-378, C-379, C-380, C-381, C-382, C-383, C-384, C-385, C-386, C-387, C-388, C-389, C-390, C-391, C-392, C-393, C-394, C-395, C-396, C-397, C-398, C-399, C-400, C-401, C-402, C-403, C-404, C-405, C-406, C-407, C-408, C-409, C-410, C-411, C-412, C-413, C-414, C-415, C-416, C-417, C-418, C-419, C-420, C-421, C-422, C-423, C-424, C-425, C-426, C-427, C-428, C-429, C-430, C-431, C-432, C-433, C-434, C-435, C-436, C-437, C-438, C-439, C-440, C-441, C-442, C-443, C-444, C-445, C-446, C-447, C-448, C-449, C-450, C-451, C-452, C-453, C-454, C-455, C-456, C-457, C-458, C-459, C-460, C-461, C-462, C-463, C-464, C-465, C-466, C-467, C-468, C-469, C-470, C-471, C-472, C-473, C-474, C-475, C-476, C-477, C-478, C-479, C-480, C-481, C-482, C-483, C-484, C-485, C-486, C-487, C-488, C-489, C-490, C-491, C-492, C-493, C-494, C-495, C-496, C-497, C-498, C-499, C-500, C-501, C-502, C-503, C-504, C-505, C-506, C-507, C-508, C-509, C-510, C-511, C-512, C-513, C-514, C-515, C-516, C-517, C-518, C-519, C-520, C-521, C-522, C-523, C-524, C-525, C-526, C-527, C-528, C-529, C-530, C-531, C-532, C-533, C-534, C-535, C-536, C-537, C-538, C-539, C-540, C-541, C-542, C-543, C-544, C-545, C-546, C-547, C-548, C-549, C-550, C-551, C-552, C-553, C-554, C-555, C-556, C-557, C-558, C-559, C-560, C-561, C-562, C-563, C-564, C-565, C-566, C-567, C-568, C-569, C-570, C-571, C-572, C-573, C-574, C-575, C-576, C-577, C-578, C-579, C-580, C-581, C-582, C-583, C-584, C-585, C-586, C-587, C-588, C-589, C-590, C-591, C-592, C-593, C-594, C-595, C-596, C-597, C-598, C-599, C-600, C-601, C-602, C-603, C-604, C-605, C-606, C-607, C-608, C-609, C-610, C-611, C-612, C-613, C-614, C-615, C-616, C-617, C-618, C-619, C-620, C-621, C-622, C-623, C-624, C-625, C-626, C-627, C-628, C-629, C-630, C-631, C-632, C-633, C-634, C-635, C-636, C-637, C-638, C-639, C-640, C-641, C-642, C-643, C-644, C-645, C-646, C-647, C-648, C-649, C-650, C-651, C-652, C-653, C-654, C-655, C-656, C-657, C-658, C-659, C-660, C-661, C-662, C-663, C-664, C-665, C-666, C-667, C-668, C-669, C-670, C-671, C-672, C-673, C-674, C-675, C-676, C-677, C-678, C-679, C-680, C-681, C-682, C-683, C-684, C-685, C-686, C-687, C-688, C-689, C-690, C-691, C-692, C-693, C-694, C-695, C-696, C-697, C-698, C-699, C-700, C-701, C-702, C-703, C-704, C-705, C-706, C-707, C-708, C-709, C-710, C-711, C-712, C-713, C-714, C-715, C-716, C-717, C-718, C-719, C-720, C-721, C-722, C-723, C-724, C-725, C-726, C-727, C-728, C-729, C-730, C-731, C-732, C-733, C-734, C-735, C-736, C-737, C-738, C-739, C-740, C-741, C-742, C-743, C-744, C-745, C-746, C-747, C-748, C-749, C

RESUMO AEO CA 50-60			
AEO	BIT (mm)	COMPR (m)	PESO (kg)
50A	6.3	368	92
50A	8	1600	640
50A	10	393	247
50A	12.5	1008	1008
Peso Total	50A =		1987 kg

[illegible]

DETALHE GERAL DO TIPO DE PASSAGEM DE TUBULACAO



Technical drawing showing two views of a pipe passage detail. The top view shows a cross-section of a pipe with a diameter of 250 mm, passing through a wall. The wall thickness is 50 mm. The bottom view shows a side view of the pipe passage, with a diameter of 250 mm and a wall thickness of 50 mm. The drawing is labeled "DETALHE GERAL DO TIPO DE PASSAGEM DE TUBULACAO".

[illegible]

RESUMO A E O CA 50-60			
A E O	BIT (mm)	COMPR (m)	PESO (kg)
50A	6,3	377	94
50A	8	1613	645
50A	10	890	561
50A	12,5	543	543
Peso Total	50A =		1843 kg

LAJES = 2,0 cm
VIGAS E PILARES = 2,5 cm
BLOCOS, BALDRAMES E CONTENCOES (FACE EM CONTATO COM A TERRA) = 3,0 cm
ESSES COBRIMENTOS DEVERAO SER GARANTIDOS COM O USO DE ESPACADORES OU PASTILHAS.
COBRIMENTOS ESPECIFICOS EM CONTRARIO AOS VALORES INDICADOS ACIMA, ESTAO INDICADOS NOS DESenhOS FORMAS DOS PAVIMENTOS.

NBR-6118/2003 - PROJETO E EXECUCAO DE OBRAS DE CONCRETO ARMADO
NBR-6120/1980 - CARGAS PARA O CALCULO DE ESTRUTURAS DE EDIFICACOES

Zs	28/08/2014	NUMERACAO FINAL	
Is	09/01/2012	REVISAO SHAFT (VER INDICACAO)	
Is	03/10/2012	EMISSAO INICIAL	
REV	DATA	DESCRICAO	
 Simetria Engenharia Av. Paulista, 1508 - 15º Andar - Bela Vista BRASÍLIA - DF CEP: 71200-045 FONE: (0800) 200-0990 info@simetriaeng.com.br			
PROJETO ESTRUTURAL			
CLIENTE	GENT INCORPORADORA LTDA		
OPERA	EID. RESIDENCIAL/COMERCIAL COSMOPOLITAN		
ENDEREÇO: COLO	RUA 30 NORTE LOTE 03 - RUA DAS FANEIRAS AGUAS CLARAS DF		Nº OPERA: XXXX
DESCRIÇÃO:	ARMACAO INFERIOR LAJE PRISO 400 PAVIMENTO BLOCCO-2 (JUNTA-A)		DESCRIÇÃO: BL-1 069-090
DESENHISTA	DATA	ESCALA	LTS
UNIDADE	LOTE PART	03/10/2012	CM
ARQUIVO: PLOT	475 EST. BL-1-069-090-002-AJ1.PLT		Nº PROJ. SIMETRIA 475
PROJETO FEITO:	RESPONSÁVEL TÉCNICO		

RESPONSÁVEL TÉCNICO PELO PROJETO ESTRUTURAL			

SIMETRIA ENGENHARIA E PROJETOS SCS LTDA			
CNPJ: 07.272.881/0001-91			

FCK= 35 MPa
EC = 28 GPa (MÓDULO DE ELASTICIDADE SECANTE AOS 28 DIAS);
A/C = 0,65 (FATOR ÁGUA CIMENTO)