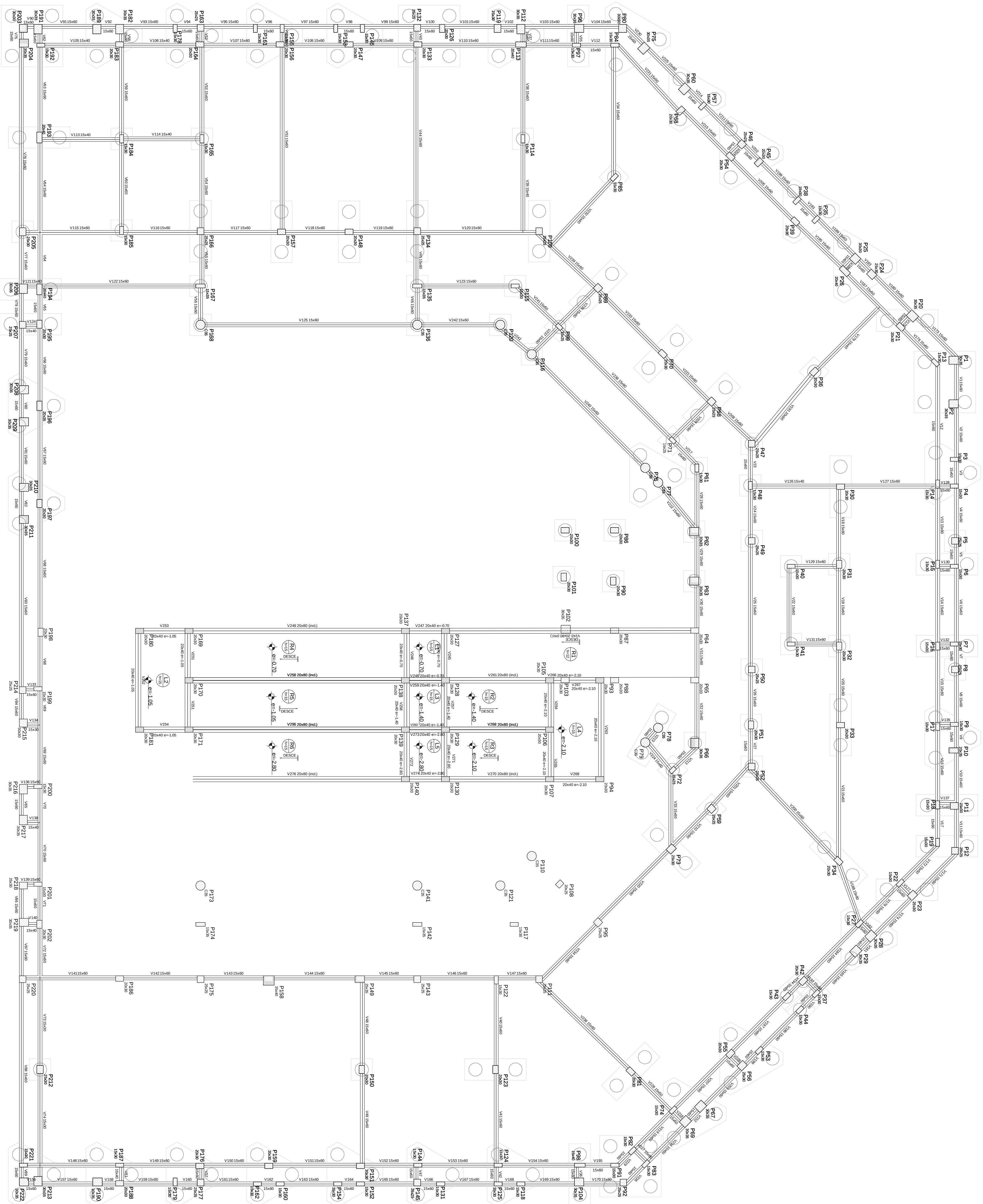




Forma do pavimento SUBSOLO  
escala 1:75

| ID | Project Details |            |            | Financial Summary |              |              | Operational Metrics |               |                  | Compliance & Status |            |                |
|----|-----------------|------------|------------|-------------------|--------------|--------------|---------------------|---------------|------------------|---------------------|------------|----------------|
|    | Project Name    | Start Date | End Date   | Budget (USD)      | Actual (USD) | Variance (%) | Progress (%)        | Quality Score | Efficiency Index | Audit Status        | Risk Level | Overall Status |
| 1  | Project Alpha   | 2023-01-01 | 2023-03-31 | 1000000           | 980000       | -2%          | 95%                 | 92            | 0.85             | Compliant           | Low        | Completed      |
| 2  | Project Beta    | 2023-02-01 | 2023-04-30 | 1200000           | 1250000      | 4%           | 88%                 | 89            | 0.78             | Minor Issues        | Medium     | In Progress    |
| 3  | Project Gamma   | 2023-03-01 | 2023-05-31 | 800000            | 790000       | -1%          | 90%                 | 91            | 0.82             | Compliant           | Low        | Completed      |
| 4  | Project Delta   | 2023-04-01 | 2023-06-30 | 1500000           | 1480000      | -1%          | 92%                 | 93            | 0.87             | Compliant           | Low        | Completed      |
| 5  | Project Epsilon | 2023-05-01 | 2023-07-31 | 900000            | 920000       | 2%           | 85%                 | 87            | 0.75             | Minor Issues        | Medium     | In Progress    |
| 6  | Project Zeta    | 2023-06-01 | 2023-08-31 | 1100000           | 1150000      | 5%           | 80%                 | 82            | 0.70             | Major Issues        | High       | On Hold        |
| 7  | Project Eta     | 2023-07-01 | 2023-09-30 | 700000            | 690000       | -1%          | 93%                 | 94            | 0.88             | Compliant           | Low        | Completed      |
| 8  | Project Theta   | 2023-08-01 | 2023-10-31 | 1300000           | 1320000      | 2%           | 75%                 | 78            | 0.65             | Minor Issues        | Medium     | In Progress    |
| 9  | Project Iota    | 2023-09-01 | 2023-11-30 | 600000            | 590000       | -2%          | 96%                 | 97            | 0.90             | Compliant           | Low        | Completed      |
| 10 | Project Kappa   | 2023-10-01 | 2023-12-31 | 1400000           | 1410000      | 1%           | 60%                 | 65            | 0.55             | Major Issues        | High       | On Hold        |
| 11 | Project Lambda  | 2023-11-01 | 2024-01-31 | 500000            | 490000       | -2%          | 98%                 | 99            | 0.95             | Compliant           | Low        | Completed      |
| 12 | Project Mu      | 2023-12-01 | 2024-02-29 | 1600000           | 1620000      | 1%           | 50%                 | 55            | 0.45             | Major Issues        | High       | On Hold        |
| 13 | Project Nu      | 2024-01-01 | 2024-03-31 | 400000            | 390000       | -2%          | 99%                 | 100           | 1.00             | Compliant           | Low        | Completed      |
| 14 | Project Xi      | 2024-02-01 | 2024-04-30 | 1700000           | 1750000      | 3%           | 40%                 | 45            | 0.35             | Major Issues        | High       | On Hold        |
| 15 | Project Omicron | 2024-03-01 | 2024-05-31 | 300000            | 290000       | -3%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 16 | Project Pi      | 2024-04-01 | 2024-06-30 | 1800000           | 1820000      | 1%           | 30%                 | 35            | 0.25             | Major Issues        | High       | On Hold        |
| 17 | Project Rho     | 2024-05-01 | 2024-07-31 | 200000            | 195000       | -2%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 18 | Project Sigma   | 2024-06-01 | 2024-08-31 | 1900000           | 1920000      | 1%           | 20%                 | 25            | 0.15             | Major Issues        | High       | On Hold        |
| 19 | Project Tau     | 2024-07-01 | 2024-09-30 | 100000            | 98000        | -2%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 20 | Project Upsilon | 2024-08-01 | 2024-10-31 | 2100000           | 2150000      | 2%           | 10%                 | 15            | 0.05             | Major Issues        | High       | On Hold        |
| 21 | Project Phi     | 2024-09-01 | 2024-11-30 | 80000             | 78000        | -2%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 22 | Project Chi     | 2024-10-01 | 2024-12-31 | 2200000           | 2250000      | 2%           | 5%                  | 10            | 0.02             | Major Issues        | High       | On Hold        |
| 23 | Project Psi     | 2024-11-01 | 2025-01-31 | 60000             | 58000        | -3%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 24 | Project Omega   | 2024-12-01 | 2025-02-29 | 2300000           | 2350000      | 2%           | 0%                  | 5             | 0.01             | Major Issues        | High       | On Hold        |
| 25 | Project A       | 2025-01-01 | 2025-03-31 | 50000             | 48000        | -4%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 26 | Project B       | 2025-02-01 | 2025-04-30 | 2400000           | 2450000      | 2%           | 0%                  | 0             | 0.00             | Major Issues        | High       | On Hold        |
| 27 | Project C       | 2025-03-01 | 2025-05-31 | 70000             | 68000        | -3%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 28 | Project D       | 2025-04-01 | 2025-06-30 | 2500000           | 2550000      | 2%           | 0%                  | 0             | 0.00             | Major Issues        | High       | On Hold        |
| 29 | Project E       | 2025-05-01 | 2025-07-31 | 80000             | 78000        | -2%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 30 | Project F       | 2025-06-01 | 2025-08-31 | 2600000           | 2650000      | 2%           | 0%                  | 0             | 0.00             | Major Issues        | High       | On Hold        |
| 31 | Project G       | 2025-07-01 | 2025-09-30 | 90000             | 88000        | -2%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 32 | Project H       | 2025-08-01 | 2025-10-31 | 2700000           | 2750000      | 2%           | 0%                  | 0             | 0.00             | Major Issues        | High       | On Hold        |
| 33 | Project I       | 2025-09-01 | 2025-11-30 | 100000            | 98000        | -2%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 34 | Project J       | 2025-10-01 | 2025-12-31 | 2800000           | 2850000      | 2%           | 0%                  | 0             | 0.00             | Major Issues        | High       | On Hold        |
| 35 | Project K       | 2025-11-01 | 2026-01-31 | 70000             | 68000        | -3%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 36 | Project L       | 2025-12-01 | 2026-02-29 | 2900000           | 2950000      | 2%           | 0%                  | 0             | 0.00             | Major Issues        | High       | On Hold        |
| 37 | Project M       | 2026-01-01 | 2026-03-31 | 80000             | 78000        | -2%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 38 | Project N       | 2026-02-01 | 2026-04-30 | 3000000           | 3050000      | 2%           | 0%                  | 0             | 0.00             | Major Issues        | High       | On Hold        |
| 39 | Project O       | 2026-03-01 | 2026-05-31 | 90000             | 88000        | -2%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 40 | Project P       | 2026-04-01 | 2026-06-30 | 3100000           | 3150000      | 2%           | 0%                  | 0             | 0.00             | Major Issues        | High       | On Hold        |
| 41 | Project Q       | 2026-05-01 | 2026-07-31 | 100000            | 98000        | -2%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 42 | Project R       | 2026-06-01 | 2026-08-31 | 3200000           | 3250000      | 2%           | 0%                  | 0             | 0.00             | Major Issues        | High       | On Hold        |
| 43 | Project S       | 2026-07-01 | 2026-09-30 | 110000            | 108000       | -2%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 44 | Project T       | 2026-08-01 | 2026-10-31 | 3300000           | 3350000      | 2%           | 0%                  | 0             | 0.00             | Major Issues        | High       | On Hold        |
| 45 | Project U       | 2026-09-01 | 2026-11-30 | 120000            | 118000       | -2%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 46 | Project V       | 2026-10-01 | 2026-12-31 | 3400000           | 3450000      | 2%           | 0%                  | 0             | 0.00             | Major Issues        | High       | On Hold        |
| 47 | Project W       | 2026-11-01 | 2027-01-31 | 130000            | 128000       | -2%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 48 | Project X       | 2026-12-01 | 2027-02-29 | 3500000           | 3550000      | 2%           | 0%                  | 0             | 0.00             | Major Issues        | High       | On Hold        |
| 49 | Project Y       | 2027-01-01 | 2027-03-31 | 140000            | 138000       | -2%          | 100%                | 100           | 1.00             | Compliant           | Low        | Completed      |
| 50 | Project Z       | 2027-02-01 | 2027-04-30 | 3600000           | 3650000      | 2%           | 0%                  | 0             | 0.00             | Major Issues        | High       | On Hold        |

| Legenda dos Pilares                                                                 |                            |
|-------------------------------------------------------------------------------------|----------------------------|
|  | Pilar que morre            |
|  | Pilar que passa            |
|  | Pilar que nasce            |
|  | Pilar com mudança de seção |

| Name  | Title   | Details |          |       | Schedule (Date) |           |          |          |
|-------|---------|---------|----------|-------|-----------------|-----------|----------|----------|
|       |         | Area    | Enrolled | Start | Prep (days)     | Allocated | Assigned | Location |
| Mr. A | Teacher | 15      | 0-10     | 2-8   | 3-15            | 1-50      | 3-00     | -        |
| Mr. B | Teacher | 15      | 1-6      | 2-6   | 3-15            | 1-50      | 3-00     | -        |
| Mr. C | Teacher | 15      | 1-6      | 2-6   | 3-15            | 1-50      | 3-00     | -        |
| Mr. D | Teacher | 15      | 2-10     | 1-4   | 3-15            | 1-50      | 3-00     | -        |
| Mr. E | Teacher | 15      | 2-80     | 0-7   | 3-15            | 1-50      | 3-00     | -        |
| Mr. F | Teacher | 15      | 2-80     | 0-7   | 3-15            | 1-50      | 3-00     | -        |
| Mr. G | Teacher | 15      | 2-80     | 0-7   | 3-15            | 1-50      | 3-00     | -        |
| Mr. H | Teacher | 15      | 2-80     | 0-7   | 3-15            | 1-50      | 3-00     | -        |
| Mr. I | Teacher | 15      | 2-80     | 0-7   | 3-15            | 1-50      | 3-00     | -        |
| Mr. J | Teacher | 15      | 2-80     | 0-7   | 3-15            | 1-50      | 3-00     | -        |
| Mr. K | Teacher | 15      | 2-80     | 0-7   | 3-15            | 1-50      | 3-00     | -        |
| Mr. L | Teacher | 15      | 2-80     | 0-7   | 3-15            | 1-50      | 3-00     | -        |
| Mr. M | Teacher | 15      | 2-80     | 0-7   | 3-15            | 1-50      | 3-00     | -        |

| Elemento | ix<br>(MPa) | Ecs<br>(MPa) | Ed<br>(MPa) | Acordamiento<br>(cm) |
|----------|-------------|--------------|-------------|----------------------|
| Vigas    | 30          | 26072        | 3           | 5,00                 |
| Pilares  | 30          | 26072        | 3           | 5,00                 |
| Lajes    | 30          | 26072        | 3           | 5,00                 |
| Bases    | 25          | 23910        | 3           | 5,00                 |

| Nº                       | DATA | RESPONSÁVEL |
|--------------------------|------|-------------|
| DESCRIÇÃO DA REVISÃO     |      |             |
| FASE                     |      |             |
| PROJETO ESTRUTURAL       |      |             |
| OBSERVAÇÕES              |      |             |
| CONFERIR MEDIDAS NA OBRA |      |             |

**NÚGEO - NÚCLEO DE GEOCIÊNCIAS**  
CAMPUS DIAMANTINA  
RODOVIA MG 367, KM 583, Nº 9000 - ALTO DA JACIARA - DIAMANTINA/MG  
PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JACARAÍMA E MINERAÇÃO (CNPJ: 16.886.315/0001-57)

**PLANTA DE FORMA DO SUBSÓLO**

AUTOR: PROJETO ESTRUTURAL / RT-1

**MACEDO SQUEIRRA PROJETOS & ENGENHARIA LTDA-ME**  
R. NINA, C/da. ANTONIO AUGUSTO DE MACEDO, 100 - C/da. S/da. MAGALHÃES, 100 - JARDIM SÃO CARLOS - SÃO PAULO - SP - 05400-000  
FONES: (31) 3771-0554 / 3997-3184

**A. MACEDO**  
Arquiteto e Engenheiro  
www.arnaccedoengenharia.com.br  
Fones: (31) 3771-0554 / 3997-3184

ESTABELECIMENTO