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|---|--|---|-------------------|---|-------------------------|--------------|
| 1. COMPONENT | | FY 19_90 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE | |
| | | | | | 30 SEPT 87 | |
| 3. INSTALLATION AND LOCATION | | | | 4. PROJECT TITLE | | |
| MCB, Camp Lejeune, N.C. | | | | Major repairs to the interior exterior of Bldg RR-9 | | |
| 5. PROGRAM ELEMENT | | 6. CATEGORY CODE | 7. PROJECT NUMBER | | 8. PROJECT COST (\$000) | |
| | | 72411 | LE013M | | 590 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | | | U/M | QUANTITY | COST (\$000) |
| BASIC COST | | | | LS | | \$536. |
| CONTENGENCY 10% | | | | LS | | 54. |
| TOTAL PROJECT COST | | | | LS | | 590. |
| DESIGN COST 6% | | | | LS | | 35. |
| TOTAL FUNDS REQUESTED | | | | LS | | \$625. |
| 10. DESCRIPTION OF PROPOSED CONSTRUCTION | | | | | | |
| Repair interior/exterior Bldg. RR-9. Major repairs to the interior/ exterior w/window and door replacement on the exterior. Rewire complete. Replace piping and mechanical systems complete. | | | | | | |
| 11. <u>REQUIREMENTS:</u> | | | | | | |
| <u>PROJECT:</u> Provides a completely repaired facility. | | | | | | |
| <u>REQUIREMENT:</u> Repair interior/exterior to provide a more habitable facility. | | | | | | |
| <u>CURRENT SITUATION:</u> Presently the Bldg is in a deteriorated state and needs major repair. | | | | | | |
| <u>IMPACT IF NOT CORRECTED:</u> The condition of the living quarters will continue to be unsatisfactory for current living standards. Morale for the occupants will decline unless repairs are made in the near future. Maintenance costs will continue to rise and the identified repairs will only increase the BMAR for this activity. | | | | | | |



COST ESTIMATE

DATE PREPARED
 9-16-87

SHEET OF

ACTIVITY AND LOCATION

MCB Camp Lejeune, N.C. (Bldg RR-9)

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

CATEGORY CODE NUMBER

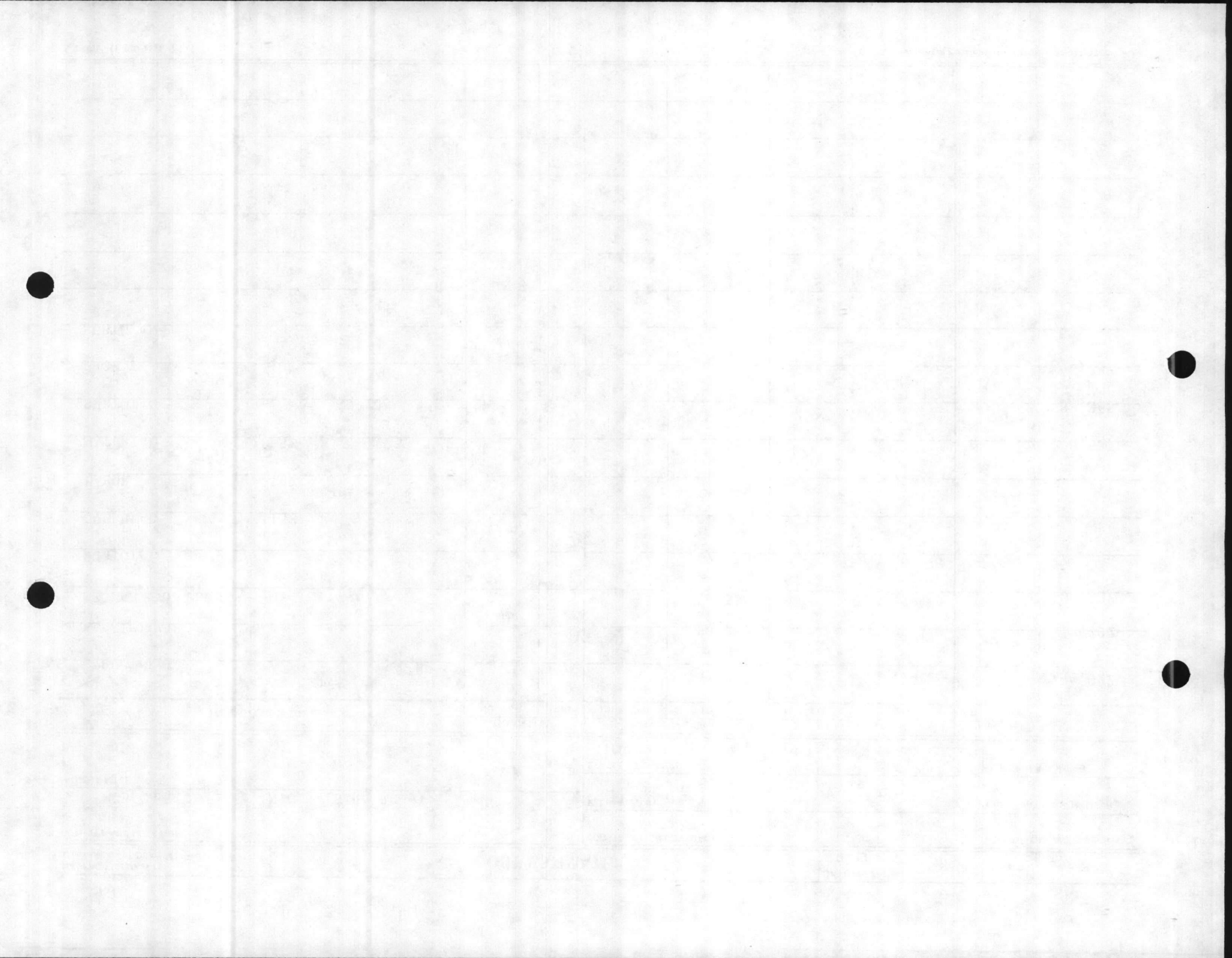
STATUS OF DESIGN

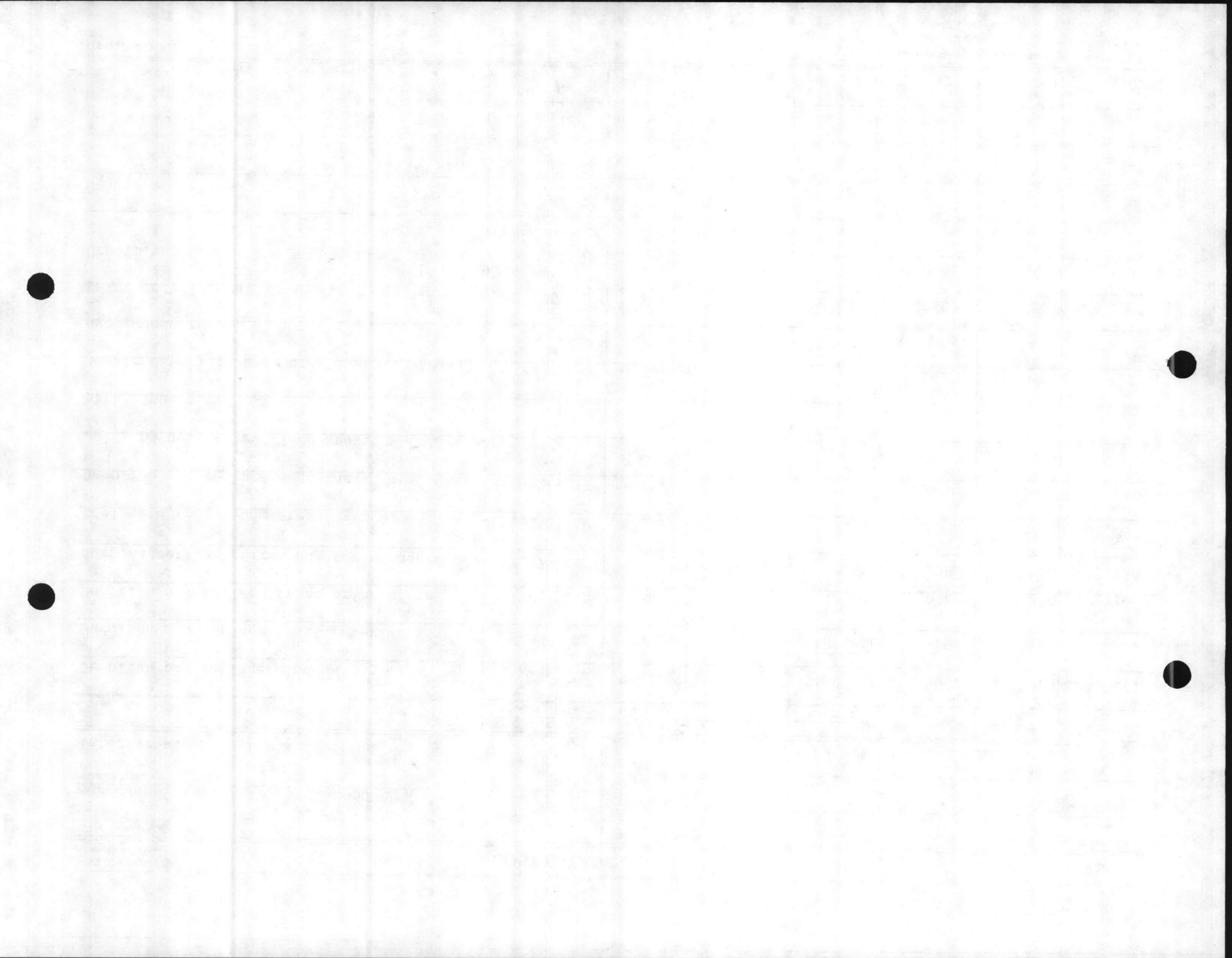
PED 30% 100% FINAL Other (Specify) _____

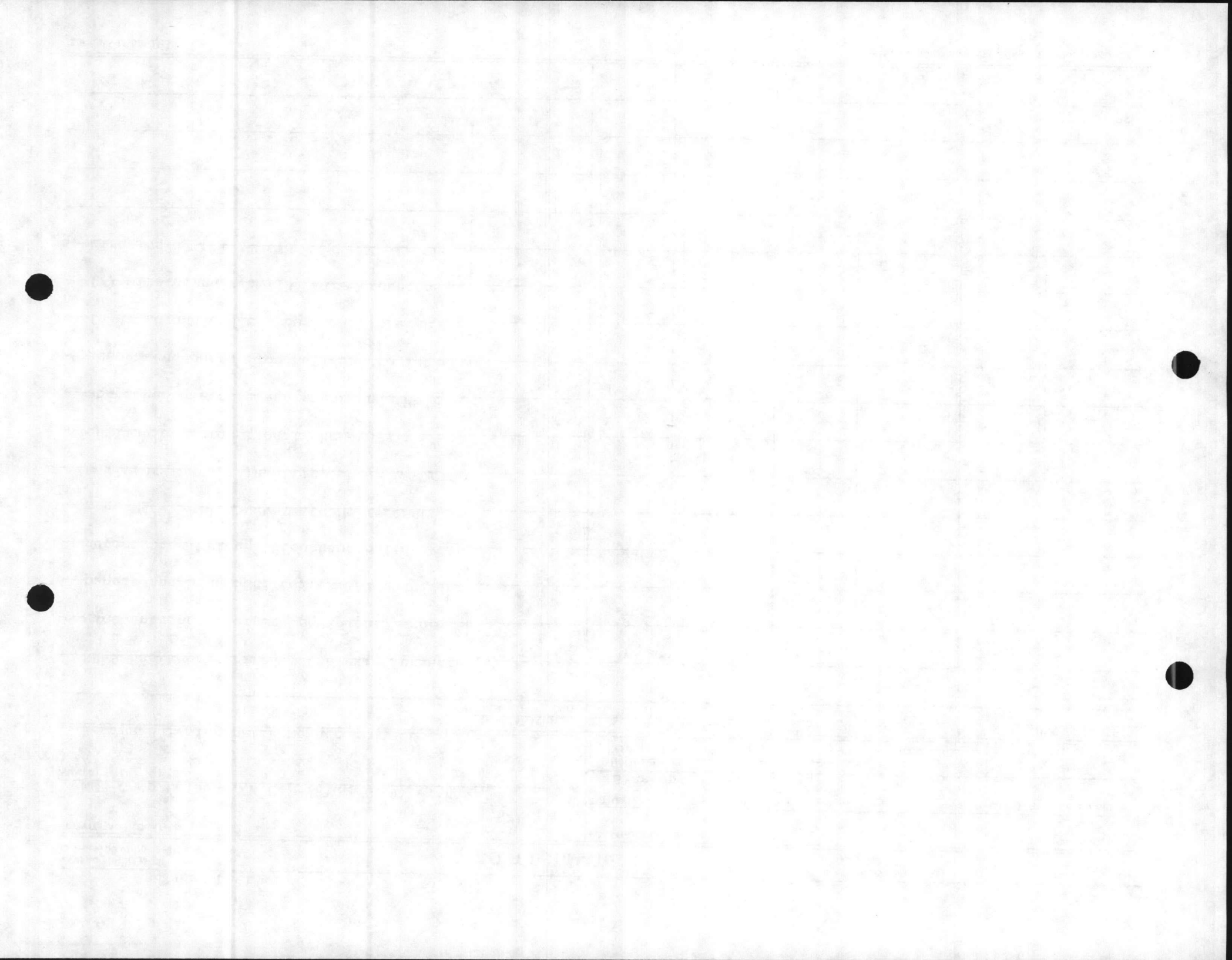
JOB ORDER NUMBER

PROJECT TITLE

| ITEM DESCRIPTION | QUANTITY | | MATERIAL COST | | LABOR COST | | ENGINEERING ESTIMATE | |
|------------------|----------|------|---------------|-----------|------------|----------|----------------------|------------|
| | NUMBER | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| STRUCTURAL | | | | \$91,276. | | \$52,746 | | \$144,022. |
| ELECTRICAL | | | | 28,780 | | 26,512 | | 55,292 |
| MECHANICAL PLBG. | | | | 50,684 | | 129,408 | | 180,092 |
| SUBTOTAL | | | | 170,740 | | 208,396 | | 379,406 |
| OVERHEAD 15% | | | | | | | | 56,911 |
| LABOR 18% | | | | | | | | 37,511 |
| MATERIAL 5% | | | | | | | | 8,537 |
| SUBTOTAL | | | | | | | | 482,365 |
| PROFIT 10% | | | | | | | | 48,237 |
| SUBTOTAL | | | | | | | | 536,000 |
| | | | | | | | | |
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COST ESTIMATE

DATE PREPARED
 9-12-87

SHEET OF

ACTIVITY AND LOCATION

MCB Camp Lejeune, N.C. (Bldg RR-9)

PROJECT TITLE

Renovate Bldg per Scope of work

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

Blanton

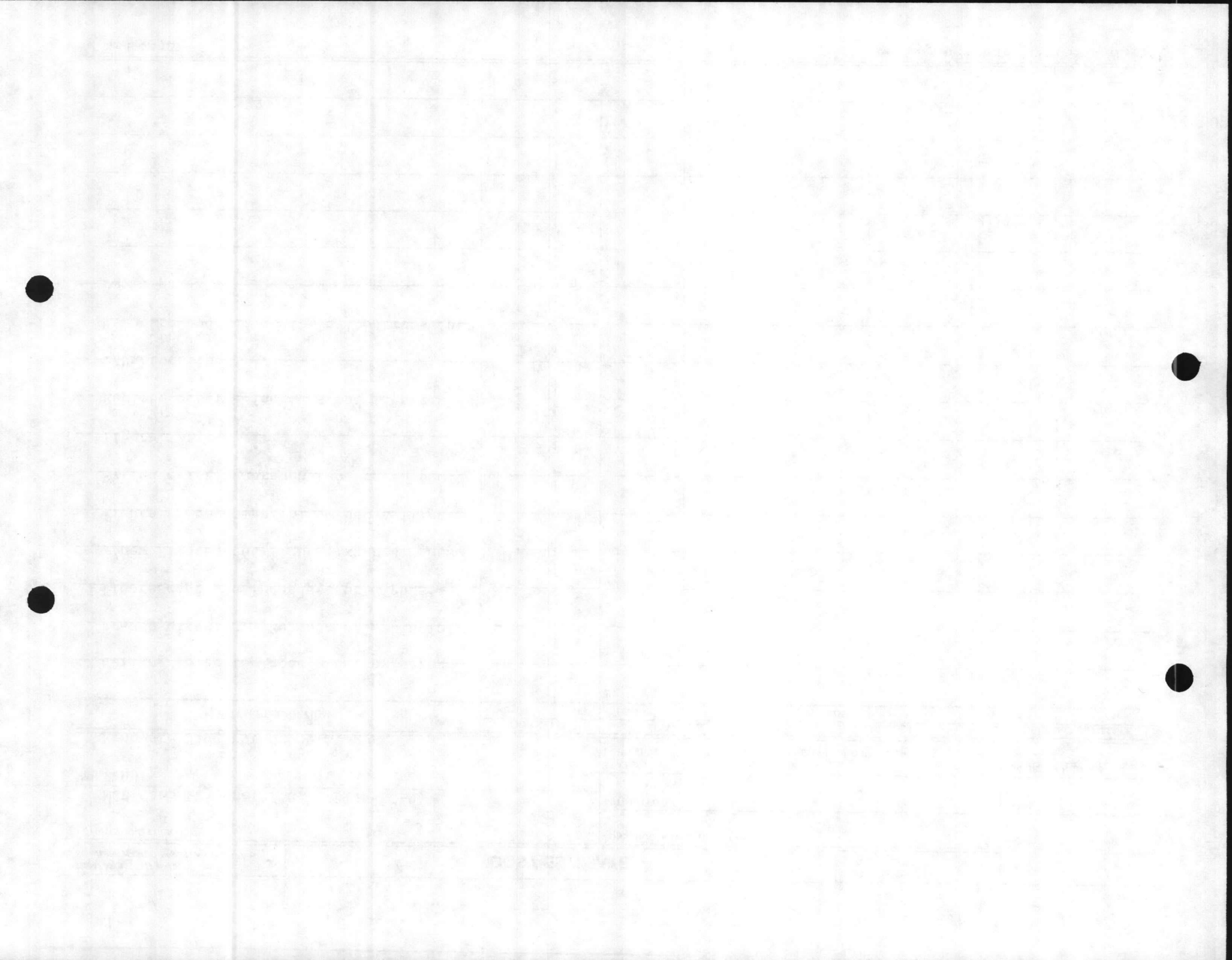
CATEGORY CODE NUMBER

STATUS OF DESIGN

PED 30% 100% FINAL Other (Specify) _____

JOB ORDER NUMBER

| ITEM DESCRIPTION | QUANTITY | | MATERIAL COST | | LABOR COST | | ENGINEERING ESTIMATE | |
|--|----------|------|---------------|-------|------------|-------|----------------------|-------|
| | NUMBER | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| Ceiling to be replaced. Use existing | | | | | | | | |
| branch circuits. Replace all existing | | | | | | | | |
| Fluorescent and Incandescent Lights | | | | | | | | |
| w/new Fluorescent light fixtures. New | | | | | | | | |
| lights to be compatible w/new ceiling. | | | | | | | | |
| Extend existing branch feeders to new | | | | | | | | |
| lights. | | | | | | | | |
| Replace outside Incandescent lights w/HPS | | | | 1500 | | 300 | | 1800 |
| w/Photocells. | | | | | | | | |
| Relocate and add additional outlets in | | | | 2000 | | 4000 | | 6000 |
| rooms per NEC. | | | | | | | | |
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COST ESTIMATE

DATE PREPARED
9-12-87

SHEET OF

ACTIVITY AND LOCATION

MCB Camp Lejeune, N.C. (Bldg RR-9)

PROJECT TITLE

Renovate Bldg per scope of work

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

CATEGORY CODE NUMBER

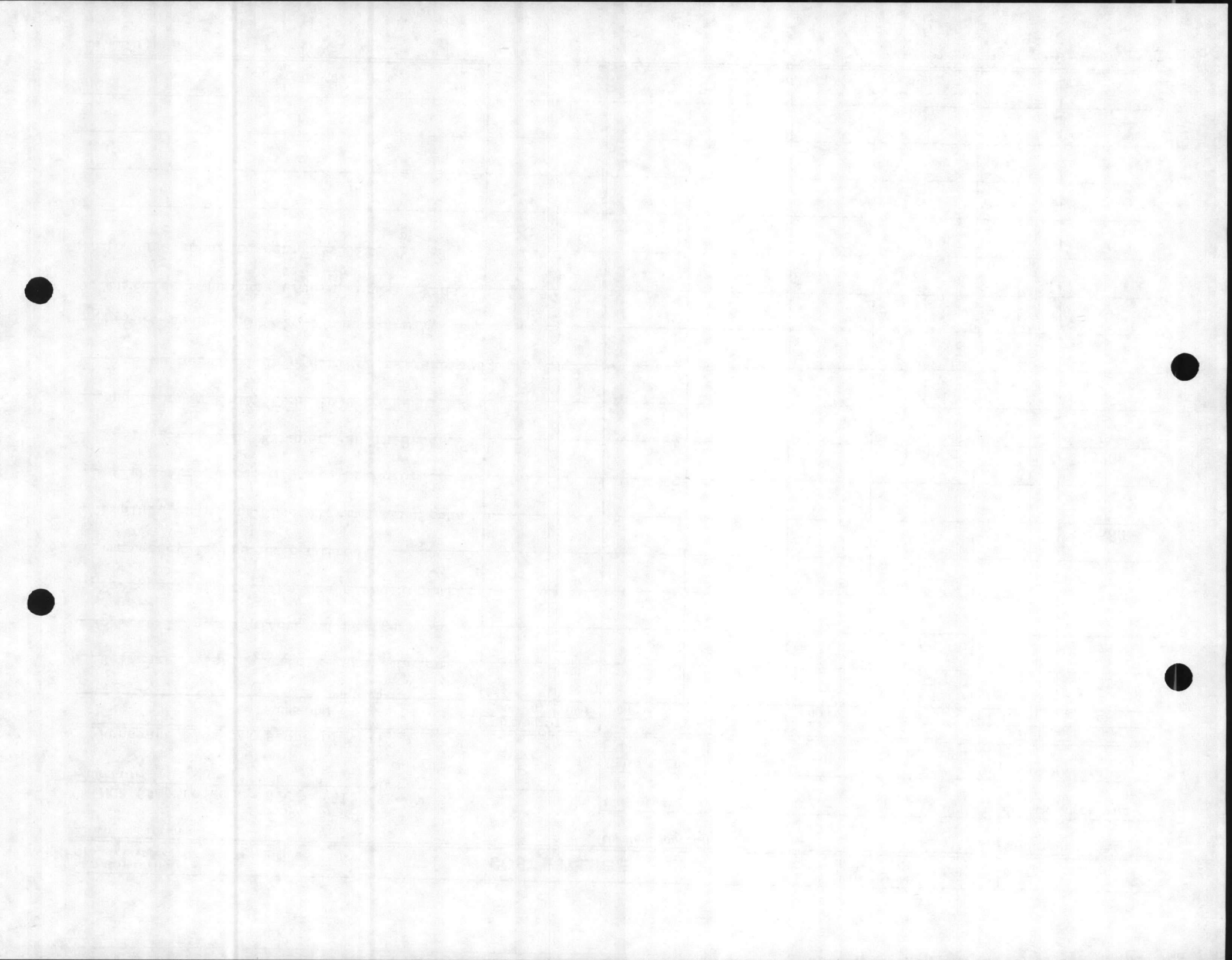
Blanton

STATUS OF DESIGN

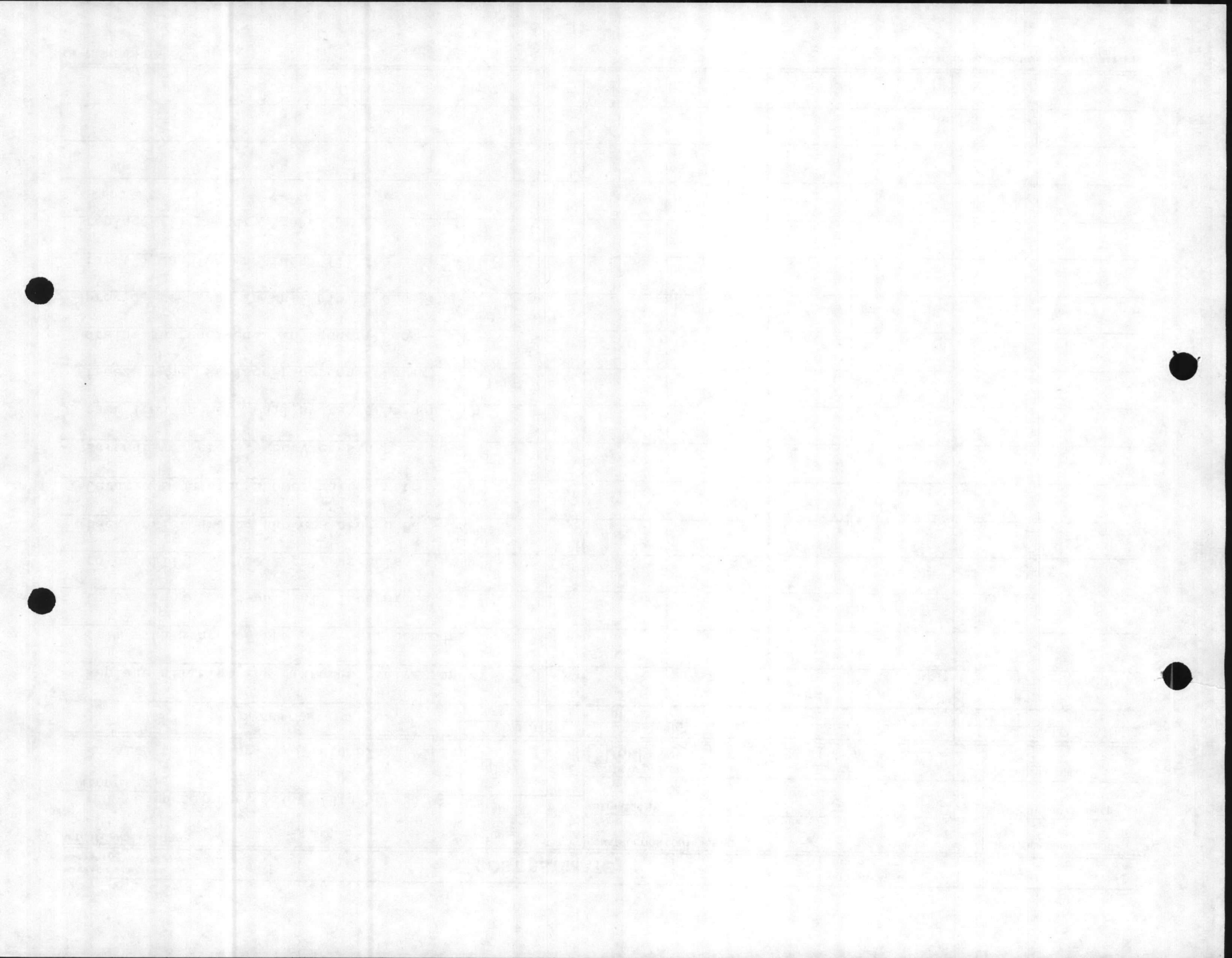
PED 30% 100% FINAL Other (Specify) _____

JOB ORDER NUMBER

| ITEM DESCRIPTION | QUANTITY | | MATERIAL COST | | LABOR COST | | ENGINEERING ESTIMATE | |
|--|----------|------|---------------|-------|------------|-------|----------------------|--------|
| | NUMBER | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| Relocate existing exit lights . below | | | | 100 | | 250 | | 350 |
| new ceiling. Replace and rewire existing | | | | 2000 | | 750 | | 2750 |
| Emergency lights. Relocate and install | | | | | | | | |
| emergency lights as required. | | | | | | | | |
| Replace existing Fire Alarm w/new State | | | | 7480 | | 3740 | | 11,580 |
| of the Art System w/Smoke Detectors. | | | | | | | | |
| Replae existing Exhaust Fan in Heads | | | | 2000 | | 1200 | | 3200 |
| and Laundry Room, Fans in each head. Re- | | | | | | | | |
| wire washers and dryers. Redess raceways. | | | | | | | | |
| Dryers to be 240 volt 1 phase 4 wire | | | | | | | | |
| circuits. Replace dryers cords. Fans | | | | | | | | |
| to have separate controls | | | | | | | | |
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COST ESTIMATE

DATE PREPARED
9-12-87

SHEET OF

ACTIVITY AND LOCATION

MCB Camp Lejeune, N.C. (RR-9)

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

Huffman

CATEGORY CODE NUMBER

PROJECT TITLE

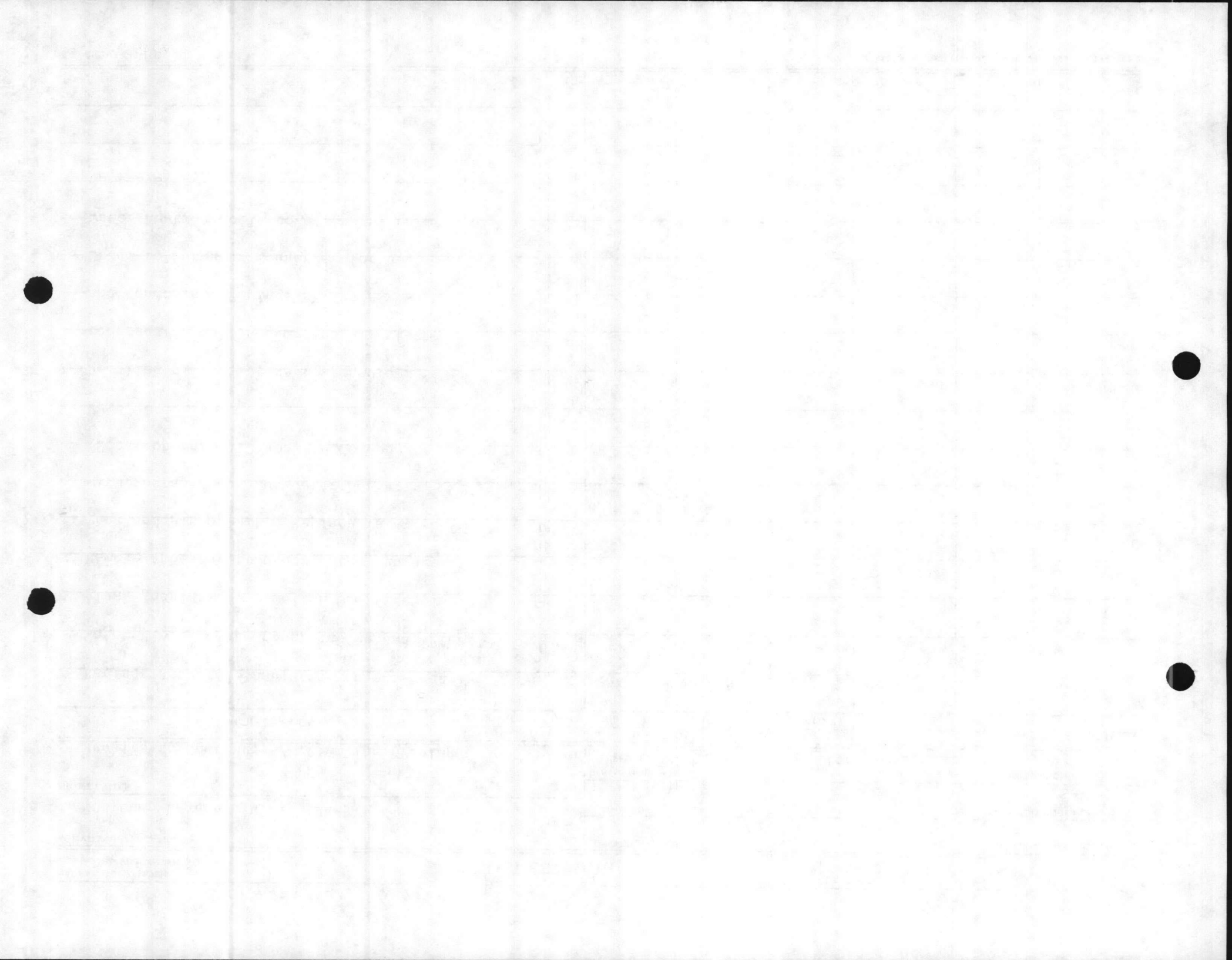
Repairs to Heating, A/C, Plumbing, Piping

STATUS OF DESIGN

PED 30% 100% FINAL Other (Specify) _____

JOB ORDER NUMBER

| ITEM DESCRIPTION | QUANTITY | | MATERIAL COST | | LABOR COST | | ENGINEERING ESTIMATE | |
|--|----------|------|---------------|---------|------------|----------|----------------------|----------|
| | NUMBER | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| Replace Asbestos Insulation on and Potable | | | | \$8,684 | | \$36,408 | | \$45,092 |
| Water Piping with Copper Tubing and Fiber- | | | | | | | | |
| glass Insulation. Demolish Old Fire Line. | | | | | | | | |
| Remove Asbestos from Hot Water Storage | | | | 5,000 | | 9,000 | | 14,000 |
| Tank and Piping Pit. Replace water tank | | | | | | | | |
| with instantaneous hot water heater | | | | | | | | |
| (Steam operated). Replace Condensate | | | | | | | | |
| Pump. | | | | | | | | |
| Demolish all radiators (exposed and | | | | 3,000 | | 3,000 | | 6,000 |
| recessed in wall) Demolish all steam | | | | | | | | |
| and Condensate Piping. Provide new | | | | | | | | |
| Steam to Hotwater Converter for hot | | | | | | | | |
| water heating coils to be installed in | | | | | | | | |
| duct system. | | | | | | | | |



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CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

MCB Camp Lejeune, N.C. (Bldg RR-9)

ESTIMATED BY

CATEGORY CODE NUMBER

Huffman

PROJECT TITLE

STATUS OF DESIGN

JOB ORDER NUMBER

Repairs to Heating, A/C, Plumbing, Piping

PED 30% 100% FINAL Other (Specify) _____

| ITEM DESCRIPTION | QUANTITY | | MATERIAL COST | | LABOR COST | | ENGINEERING ESTIMATE | |
|---|----------|------|---------------|------------------|------------|-------------------|----------------------|-------------------|
| | NUMBER | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| Demolish all existing A/C Duct work. Re- | | | | \$20,000 | | \$65,000 | | \$85,000 |
| install existing Air Handlers and A/C | | | | | | | | |
| coils for first floor to below the floor | | | | | | | | |
| Replace the existing Air Handlers and A/C | | | | | | | | |
| coils for second floor to attic space. | | | | | | | | |
| Add hot water heating coils to all Air | | | | | | | | |
| Handlers. Provide auxiliary drain pans | | | | | | | | |
| larger than unit for each Air Handler. | | | | | | | | |
| Provide Condensate Pumps for each unit | | | | | | | | |
| below first floor. Provide new insulated | | | | | | | | |
| supply and return duct for each room. | | | | | | | | |
| Provide filter racks with easy access for | | | | | | | | |
| each Air Handler. Provide easy access | | | | | | | | |
| for each Air Handler. Provide all piping | | | | | | | | |
| controls, wiring as required. | | | | | | | | |
| TOTAL | | | | \$50,684. | | \$129,408. | | \$180,092. |

