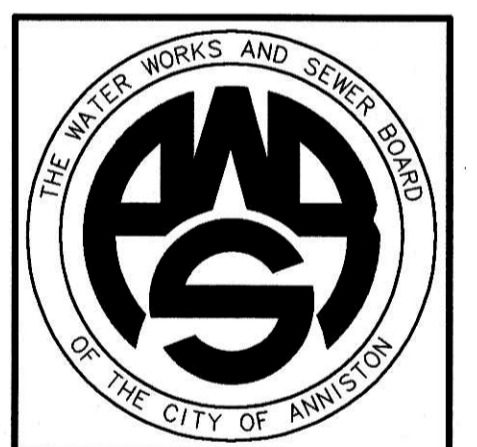


WATER WORKS & SEWER BOARD
CITY OF ANNISTON
CHOCOCCO WWTP
IMPROVEMENTS
ANNISTON, ALABAMA



| | | |
|-------------|-----------|----------------|
| PROJECT NO. | 98062 | |
| DESIGNED | WCR | |
| DRAWN | CAB | |
| CHECKED | WCR | |
| APPROVED | | |
| DATE | JULY 1999 | |
| REVISIONS | | |
| N.O. | DATE | DESCRIPTION |
| 1 | 11-17-06 | RECORD DRAWING |

RECORD
DRAWING

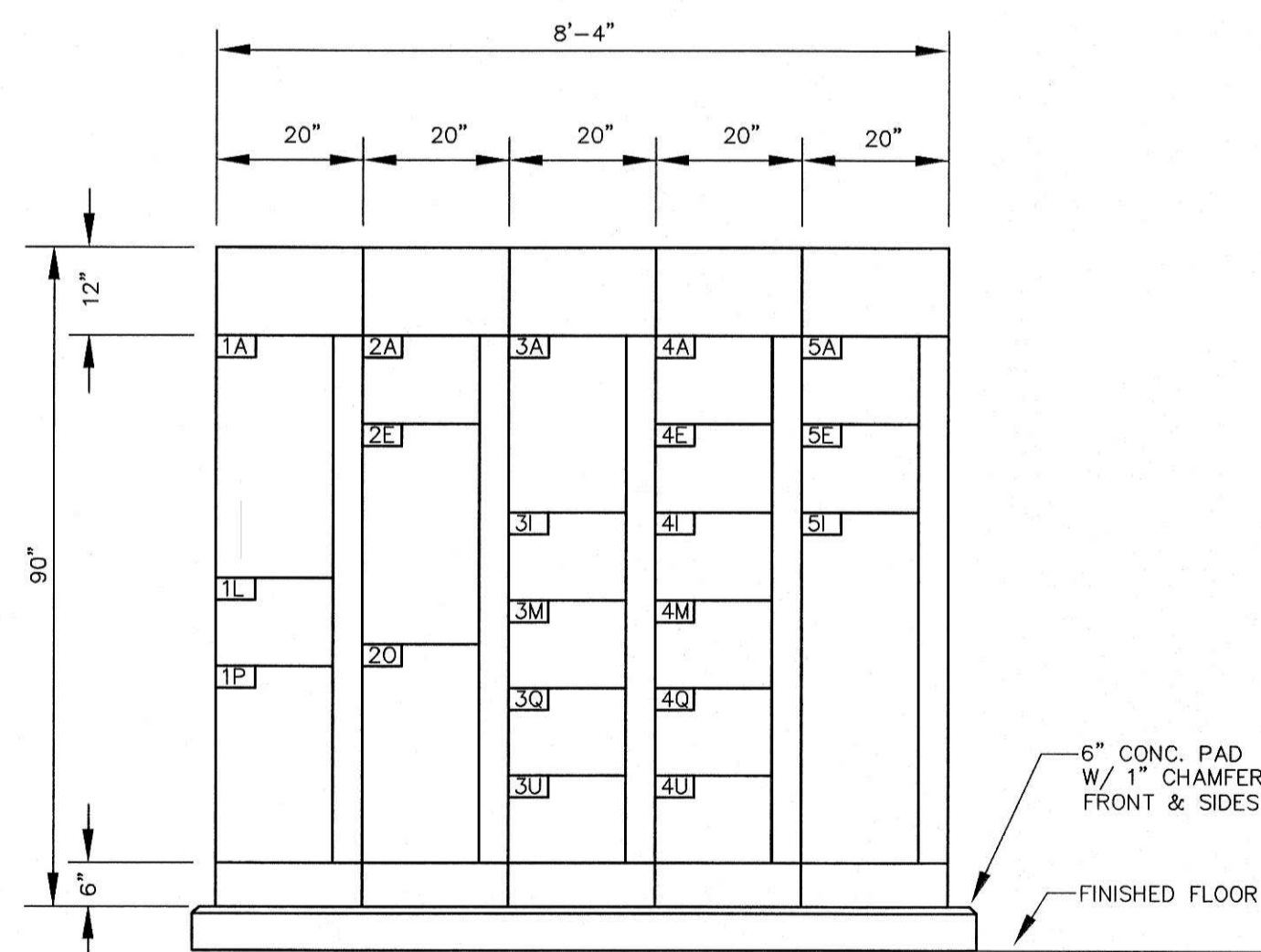
SHEET TITLE
MCC SCHEDULES & ELEVATIONS BASE BID
 SHEET NO.
E1.02
 SEQUENCE 73 OF 84

| MOTOR CONTROL CENTER SCHEDULE MCC-HW | | | | | | | | | | | |
|--------------------------------------|---------------------------|---|-------------------------------|----|---------|---|----------------|----------------------|----------|-----------|------------------------------|
| UNIT NO. | NAMEPLATE DESCRIPTION | MCC UNIT DESCRIPTION | ELECT. EQUIP. CHARACTERISTICS | | | | STR. NEMA SIZE | AUX. DEVICES IN DOOR | | | REMARKS |
| | | | HP | KW | V | φ | | PUSH BTNS. | SEL. SW. | IND. LTS. | |
| 1A | SPACE | PROV. FOR FUTURE PLUG-IN UNIT | | | 480 | 3 | | | | | |
| 1L | TVSS | 250MV TVSS SEE SPECS. | | | 480 | 3 | | | | | |
| 1P | MAIN BREAKER | 400/3 BREAKER | | | 277/480 | 3 | | | | | |
| 2A | SPACE | PROV. FOR FUTURE PLUG-IN UNIT | | | 480 | 3 | | | | | |
| 2E | RP-HW | SEE PANEL SCHEDULE | | | 120/208 | 3 | | | | | |
| 20 | TRANSFORMER T-HW | DRY TYPE TRANSF. 480-120/208V-3φ 4W W/ 20/3 PRI. BREAKER AND TAPS | 15 | | 480 | 3 | | | | | |
| 3A | SPACE | PROV. FOR FUTURE PLUG-IN UNIT | | | 480 | 3 | | | | | |
| 3I | GRIT CLASSIFIER NO. 1 | COMB. MAG. STR. FVNR W/ 3/3 MCP | 3/4 | | 460 | 3 | 1 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 1 |
| 3M | GRIT CLASSIFIER NO. 2 | COMB. MAG. STR. FVNR W/ 3/3 MCP | 3/4 | | 460 | 3 | 1 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 1 |
| 3Q | PEAK FLOW FLOW GRIT DRIVE | COMB. MAG. STR. FVNR W/ 3/3 MCP | 3/4 | | 460 | 3 | 1 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 1 |
| 3U | PROCESS FLOW GRIT DRIVE | COMB. MAG. STR. FVNR W/ 3/3 MCP | 3/4 | | 460 | 3 | 1 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 1 |
| 4A | BLOWER NO. 1 | COMB. MAG. STR. FVNR W/ 15/3 MCP | 5 | | 460 | 3 | 1 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 1 |
| 4E | BLOWER NO. 2 | COMB. MAG. STR. FVNR W/ 15/3 MCP | 5 | | 460 | 3 | 1 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 1 |
| 4I | BLOWER NO. 3 | COMB. MAG. STR. FVNR W/ 15/3 MCP | 5 | | 460 | 3 | 1 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 1 |
| 4M | CONVEYOR | COMB. MAG. STR. FVNR W/ 7/3 MCP | 3 | | 460 | 3 | 1 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 1 |
| 4Q | ODOR CONTROL SCRUBBER | 200/3 BREAKER | | | 460 | 3 | | | | | |
| 4U | PEAK FLOW WEIR GATE | 15/3 BREAKER | | | 460 | 3 | | | | | |
| 5A | AUGER MONSTER NO. 1 | 30/3 BREAKER | 6.5 | | 460 | 3 | | | | | |
| 5E | AUGER MONSTER NO. 2 | 30/3 BREAKER | 6.5 | | 460 | 3 | | | | | |
| 5I | SPACE | PROVISIONS FOR FUTURE PLUG-IN UNITS | | | 480 | 3 | | | | | |

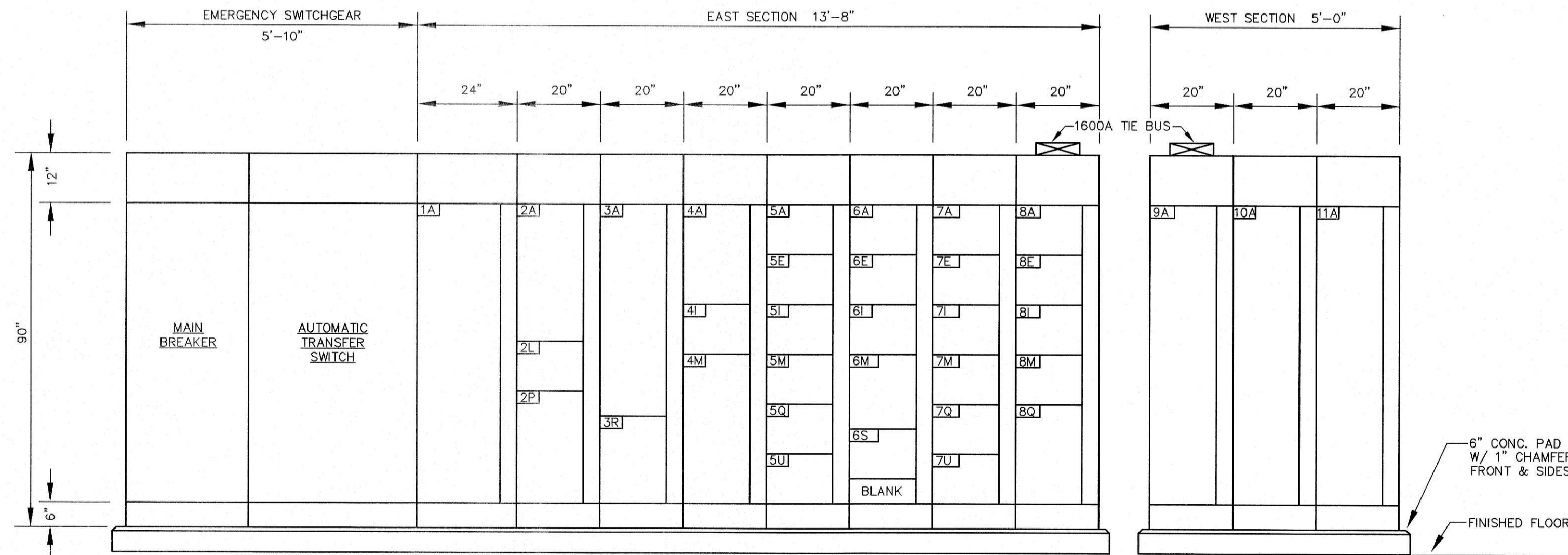
| MOTOR CONTROL CENTER SCHEDULE MCC-SW | | | | | | | | | | | |
|--------------------------------------|--|--|-------------------------------|----|---------|---|----------------|----------------------|----------|-----------|------------------------------|
| UNIT NO. | NAMEPLATE DESCRIPTION | MCC UNIT DESCRIPTION | ELECT. EQUIP. CHARACTERISTICS | | | | STR. NEMA SIZE | AUX. DEVICES IN DOOR | | | REMARKS |
| | | | HP | KW | V | φ | | PUSH BTNS. | SEL. SW. | IND. LTS. | |
| 1A | MAIN LUGS | LUGS FOR CABLE SHOWN ON S/L DIAG. | | | 277/480 | 3 | | | | | |
| 2A | HIGH MAST LIGHTING CONTROLS | TWO (2) 20A LIGHTING CONTACTORS W/ 20/3 BREAKER | 9.9 | | 480 | 3 | 2-20A | 4 | 2 | 4 | SEE ELEMENTARY DIAGRAM NO. 6 |
| 2L | TVSS | 250MV TVSS SEE SPECS | | | 480 | 3 | | | | | |
| 2P | MCC-HW FEEDER | 400/3 BREAKER | | | 277/480 | 3 | | | | | |
| 3A | RP-SW | SEE PANEL SCHEDULE | | | 120/208 | 3 | | | | | |
| 3R | SPACE | PROV. FOR FUTURE PLUG-IN UNITS | | | 480 | 3 | | | | | |
| 4A | PEAK FLOW BASIN LOW LEVEL CUT-OFF CONTROLS | CONTROLS | | | 120 | 1 | | | | 1 | SEE ELEMENTARY DIAGRAM NO. 5 |
| 4I | GROUNDWATER PUMP STATION | 20/3 BREAKER | 5.4 | | 460 | 3 | | | | | |
| 4M | TRANSFORMER T-SW | DRY TYPE TRANSF. 480-120/208V-3φ 4W W/ 60/3 PRI. BKR. & TAPS | 45 | | 480 | 3 | | | | | |
| 5A | AERATOR NO. 1-1 | COMB. MAG. STR. FVNR W/ 30/3 MCP | 15 | | 460 | 3 | 2 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 2 |
| 5E | AERATOR NO. 1-2 | COMB. MAG. STR. FVNR W/ 30/3 MCP | 15 | | 460 | 3 | 2 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 2 |
| 5I | AERATOR NO. 1-3 | COMB. MAG. STR. FVNR W/ 30/3 MCP | 15 | | 460 | 3 | 2 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 2 |
| 5M | AERATOR NO. 1-4 | COMB. MAG. STR. FVNR W/ 30/3 MCP | 15 | | 460 | 3 | 2 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 2 |
| 5Q | AERATOR NO. 1-5 | COMB. MAG. STR. FVNR W/ 30/3 MCP | 15 | | 460 | 3 | 2 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 2 |
| 5U | AERATOR NO. 1-6 | COMB. MAG. STR. FVNR W/ 30/3 MCP | 15 | | 460 | 3 | 2 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 2 |
| 6A | MIXER NO. 1-1 | COMB. MAG. STR. FVNR W/ 15/3 MCP | 7.5 | | 460 | 3 | 1 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 2 |
| 6E | MIXER NO. 1-2 | COMB. MAG. STR. FVNR W/ 15/3 MCP | 7.5 | | 460 | 3 | 1 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 2 |
| 6I | SPACE | PROV. FOR FUT. PLUG-IN UNITS | | | 480 | 3 | | | | | |

| MOTOR CONTROL CENTER SCHEDULE MCC-SW (CONTINUED) | | | | | | | | | | | |
|--|-------------------------|--|-------------------------------|----|-----|---|----------------|----------------------|----------|-----------|------------------------------|
| UNIT NO. | NAMEPLATE DESCRIPTION | MCC UNIT DESCRIPTION | ELECT. EQUIP. CHARACTERISTICS | | | | STR. NEMA SIZE | AUX. DEVICES IN DOOR | | | REMARKS |
| | | | HP | KW | V | φ | | PUSH BTNS. | SEL. SW. | IND. LTS. | |
| 6M | PEAK FLOW WASHDOWN PUMP | COMB. MAG. STR. FVNR W/ 100/3 MCP | 50 | | 460 | 3 | 3 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 1 |
| 6S | SEWAGE SHREDDER | 15/3 BREAKER | | | 460 | 3 | | | | | |
| 7A | SLUICE GATE NO. 1-1 | 15/3 BREAKER | | | 460 | 3 | | | | | |
| 7E | SLUICE GATE NO. 1-2 | 15/3 BREAKER | | | 460 | 3 | | | | | |
| 7I | SLUICE GATE NO. 2-1 | 15/3 BREAKER | | | 460 | 3 | | | | | |
| 7M | SLUICE GATE NO. 2-2 | 15/3 BREAKER | | | 460 | 3 | | | | | |
| 7Q | SLUICE GATE NO. 3-1 | 15/3 BREAKER | | | 460 | 3 | | | | | |
| 7U | SLUICE GATE NO. 3-2 | 15/3 BREAKER | | | 460 | 3 | | | | | |
| 8A | SPACE | SPACE | | | 460 | 3 | | | | | |
| 8E | EUH-1 | 20/3 BREAKER | 10 | | 480 | 3 | | | | | |
| 8I | EUH-2 | 20/3 BREAKER | 10 | | 480 | 3 | | | | | |
| 8M | EUH-3 | 20/3 BREAKER | 10 | | 480 | 3 | | | | | |
| 8Q | SPACE | PROV. FOR FUTURE PLUG-IN UNITS | | | 480 | 3 | | | | | |
| 9A | PEAK FLOW PUMP NO. 1 | COMB. MAG. SOFTSTART CONTROLLER W/ 300/3 BREAKER | 150 | | 460 | 3 | C24 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 4 |
| 10A | PEAK FLOW PUMP NO. 2 | COMB. MAG. SOFTSTART CONTROLLER W/ 300/3 BREAKER | 150 | | 460 | 3 | C24 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 4 |
| 11A | PEAK FLOW PUMP NO. 3 | COMB. MAG. SOFTSTART CONTROLLER W/ 300/3 BREAKER | 150 | | 460 | 3 | C24 | 2 | 1 | 2 | SEE ELEMENTARY DIAGRAM NO. 4 |

SPEC. FOR SCREEN/PRESS



MCC-HW ELEVATION
SCALE : 1/2" = 1'-0"



MCC-SW ELEVATION
SCALE : 1/2" = 1'-0"