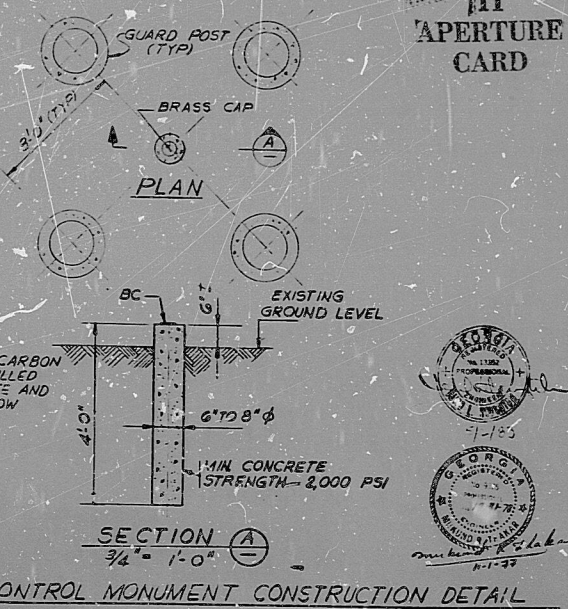


- LEGEND**
- INDICATES LOCATION AND NUMBER OF SETTLEMENT OBSERVATION MARKERS ON STRUCTURES.
  - INDICATES LOCATION AND NUMBER OF SETTLEMENT OBSERVATION MARKER ON CATEGORY I TANKS.
- NOTES**
- CONSTRUCTION SHALL INSTALL SETTLEMENT MARKERS SHOWN ON THE LOCATION DRAWING AS SOON AS THE STEEL COLUMNS ARE RECORDED OR THE FORMS ARE STRIPPED FROM CONCRETE COLUMNS, WALLS, AND FOUNDATIONS (INCLUDING AT LEVEL "0" (BASEMAT) AUX. BLDG).
  - SETTLEMENT MARKER NUMBERS SHALL BE STENCILED ON A PLAT SURFACE ADJACENT TO THE MARKER.
  - CONSTRUCTION SHALL LOCATE THE SETTLEMENT MARKERS ON OR NEAR THE SPECIFIED COLUMNS, ETC., SO THAT A CLEAR LINE OF SIGHT IS AVAILABLE FROM CENTRALIZED INSTRUMENT STATIONS WHERE POSSIBLE.
  - USING THE SETTLEMENT MARKER LOCATION DRAWING AND THE PLANT GENERAL ARRANGEMENT DRAWINGS THE LOCATIONS FOR THE INSTRUMENT STATIONS CAN BE ESTABLISHED.
  - ANY MARKER WHICH IS DESTROYED OR BECOMES INACCESSIBLE SHALL BE IMMEDIATELY REPLACED AS NEAR AS POSSIBLE TO THE ORIGINAL LOCATION AND ELEVATION. CONSTRUCTION WILL RE-ELEVATE OR REPLACE OR RELOCATE MARKERS TO THAT OF THE OLD MARKER. AN ADJUSTED INITIAL ELEVATION SHALL BE ESTABLISHED FOR THE NEW MARKER SO THAT AN UNINTERRUPTED SETTLEMENT OBSERVATION OF THE MARKER CAN BE MAINTAINED.
  - FOR CONVERSION TO GEORGIA STATE GRID COORDINATE SYSTEM SEE DWG. NO. C02043002.
  - THE LOCATIONS OF BENCHMARKS ARE SHOWN ON DWG. A00000001.
  - THE MONITORING AND RECORDING OF SETTLEMENT READINGS SHALL CONFORM TO THE PROCEDURES GIVEN IN SPECIFICATION NO. X2491 DIVISION C10 SECTION C10.1.
  - CONSTRUCTION OF CONTROL MONUMENTS SHALL BE AS SHOWN IS PRACTICAL AND AS SHOWN ON GENERAL DRAWING A00000001 AND SHALL CONFORM TO SPECIFICATION NO. X2491 DIVISION C10 SECTION C10.1.4.
  - GPC FIELD TO FURNISH MICHEL ENGINEERING WITH PROPOSED LOCATION FOR CONTROL MONUMENTS FOR INCLUSION INTO THE DRAWING.
  - GPC FIELD TO FURNISH MICHEL ENGINEERING WITH PROPOSED LOCATION FOR BENCHMARK POINT (B.P.) LOCATED ON EACH STRUCTURE FOR TRANSFERRING GROUND ELEVATIONS FROM CONTROL MONUMENTS TO INSIDE OF STRUCTURES.
  - CONCRETE ANCHORS MAY BE SUBSTITUTED FOR SETTLEMENT MARKERS 102 THROUGH 124.
  - UPON COMPLETION OF THE CONTAINMENT BUILDING, TANK GALLERY SETTLEMENT MARKER READINGS SHALL BE TRANSFERRED TO SETTLEMENT MARKERS ON THE EXTERIOR CONCRETE 4" X 4" OF THE 80" PRESSURE VESSEL ELEVATION 222'-00" SUBSEQUENT TO THE TRANSFER TOWER READINGS OF THE TOWER GALLERY SETTLEMENT MARKERS WILL NOT BE REQUIRED.
  - TOP TURBINE GENERATOR VERTICAL SURVEY MARKER REFERENCE WAS 140530001, 140530002, 140530003, 140530004, 140530005, 140530006, 140530007, 140530008.
  - FOR TURBINE BUILDING SHEETPILE COLLECTION MARKERS AND SETTLEMENT MARKERS, SEE DWG. NO. A00000008.
  - FOR LOCATION OF SURVEY MARKERS USED DURING BACKFILL SETTING SEE DWG. NO. A00000014.



TI APERTURE CARD

8410250012

Professional Engineer seals for the State of Georgia, dated July 31, 1978.

**BECHTEL**  
 LOS ANGELES

**GEORGIA POWER COMPANY**  
 ALVIN W. VOGTLE NUCLEAR PLANT

SETTLEMENT OBSERVATION MARKERS  
 LOCATION & DETAIL

NO.	REVISIONS	DATE	BY	CHK	APP	REVISED BY	REVISIONS	DATE	BY	CHK	APP	ENGR. MOD.	DATE
1	ADDED A CIV. ENGINEER'S SIGNATURE	7/31/78	WJ	WJ	WJ	WJ	ADDED A CIV. ENGINEER'S SIGNATURE	7/31/78	WJ	WJ	WJ		
2	ADDED SETTLEMENT MARKERS	7/31/78	WJ	WJ	WJ	ADDED SETTLEMENT MARKERS	7/31/78	WJ	WJ	WJ			
3	ADDED NOTES 15 & 16	7/31/78	WJ	WJ	WJ	ADDED NOTES 15 & 16	7/31/78	WJ	WJ	WJ			
4	ADDED CONSTRUCTION	7/31/78	WJ	WJ	WJ	ADDED CONSTRUCTION	7/31/78	WJ	WJ	WJ			

SCALE: 1" = 40'-0"	DRAWING NO.:	REV.:
JOB NO. 9510	A00000011	9

PDR RIDS

8410250012

