



DETAIL
SAMPLE POINTS
IN TO LINE 1
(TYP)

- NOTES
- "T-P" INDICATES LOCATION OF CATHODIC PROTECTION LEADS TO BE INSTALLED IN ACCORDANCE WITH PARAGRAPH 1.1.4.1, CONTRACT E-89-4.
 - AT SAMPLING POINTS, CONNECTIONS, PROBES AND ROOT VALVES SHALL BE FURNISHED AND INSTALLED UNDER CONTRACT E-89-4. PROBES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH CONTRACT PARAS. 3.2.2 AND DWG. 206-37711, ETC. NUMBER AS NOTED. CONTINUATION OF SAMPLE PIPING BY E-700-3.
 - CLASS B IS NOTED REQUIRMENTS FOR THE "T-P" AND "T-P" SYSTEMS SHALL APPLY TO THE PORTION OF THE SYSTEM IDENTIFIED AS CLASS B BEYOND UPSTREAM ALL Dwg-2 PIPING DOWNSTREAM OF 24"-1400 IS CLASS. (REF. E-140)
 - UNLESS OTHERWISE INDICATED ALL PRESSURE AND/OR FLOW INSTRUMENTAL ROOT LINES SHALL BE 3/4" ROOT VALVES SHALL BE 3/4"-1215 EXCEPT AS NOTED. LINE UP TO AND INCLUDING ROOT VALVE SHALL BE FURNISHED AND INSTALLED UNDER CONTRACT E-89-4.
 - ALL TEMPERATURE TEST AND PROTECTING WELL FUNCTIONS SHALL BE "T" UNLESS OTHERWISE NOTED.
 - 156" CW-1, 108" CW-2, 84" CW-3 SURVEILLANCE LINE FUNCTIONS OF THE CW-1, CW-2 AND CW-3 SYSTEMS ARE NOT IN CONTRACT E-89-4. FOR UNITS/AS SEA COMPOSITE PIPING (REF. 206-37711).
 - ALL VALVE NUMBERS IN OPERATING POSITION ARE INDICATED BY "O". ALL VALVES UNLESS SPECIFICALLY INDICATED OTHERWISE WILL BE IN THE SYSTEM DESIGNATION FROM WHICH THEY ORIGINATE.
 - ALL VALVE NUMBERS TO BE USED IN OPERATING PROCEDURES SHALL BE AS SHOWN BY "O" AND WILL NOT BE SHOWN ON PIPING DRAWINGS.
 - ALL VALVES DOWNSTREAM OF SW-1180W ARE IN THE CIRCULATING WATER SYSTEM (CWS) UNLESS OTHERWISE INDICATED OTHERWISE. ALL VALVES UPSTREAM AND INCLUDING SW-1180W ARE IN THE SCREEN WASH SYSTEM (SWS) UNLESS OTHERWISE INDICATED OTHERWISE.
 - WHERE LINES ARE INTERCONNECTED AND CONTINUED ON OTHER DRAWINGS, THIS DRAWING IS APPROVED ONLY.

29

REVISIONS TO THIS DRAWING
REQUIRE A REVISION TO THE
CORRESPONDING BOCKY.

FOR PREVIOUS REVISIONS, SEE SUPERSEDED CARDS

NO.	DATE	DESCRIPTION
1	11/15/77	ISSUED FOR CONSTRUCTION
2	12/15/77	REVISED TO REFLECT CHANGES TO THE DRAWING
3	1/15/78	REVISED TO REFLECT CHANGES TO THE DRAWING
4	2/15/78	REVISED TO REFLECT CHANGES TO THE DRAWING
5	3/15/78	REVISED TO REFLECT CHANGES TO THE DRAWING
6	4/15/78	REVISED TO REFLECT CHANGES TO THE DRAWING
7	5/15/78	REVISED TO REFLECT CHANGES TO THE DRAWING
8	6/15/78	REVISED TO REFLECT CHANGES TO THE DRAWING
9	7/15/78	REVISED TO REFLECT CHANGES TO THE DRAWING
10	8/15/78	REVISED TO REFLECT CHANGES TO THE DRAWING
11	9/15/78	REVISED TO REFLECT CHANGES TO THE DRAWING
12	10/15/78	REVISED TO REFLECT CHANGES TO THE DRAWING

AS BUILT
454003586
CADD DRAWING
NO. OF SHEETS

FLOW DIAGRAM
CIRCULATING, SCREEN WASH & SERVICE
WATER SYSTEMS
COOPER NUCLEAR STATION

BURNS & ROE
2006 SH.11483

8-15