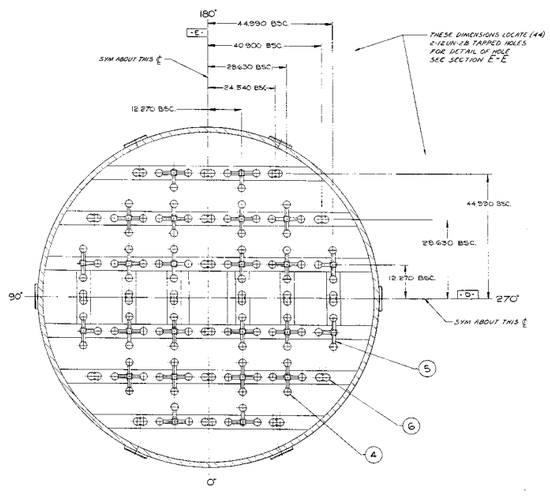
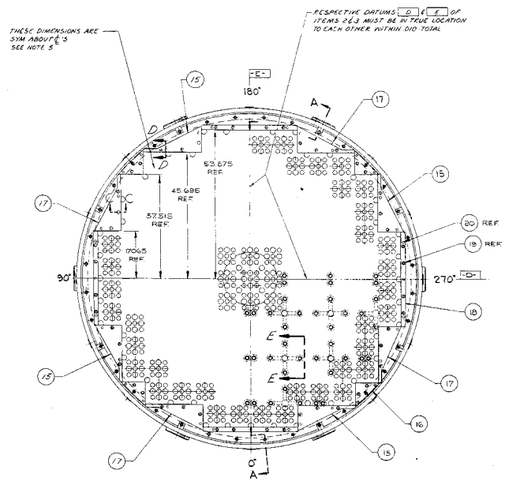
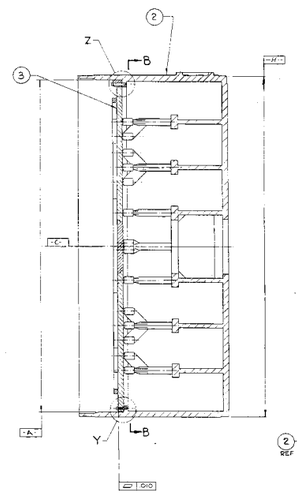


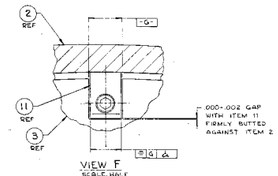
SECTION B-B



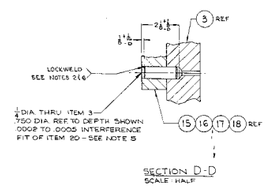
CORE SUPPORT BARREL - LOWER SECTION ASSY
PLAN VIEW



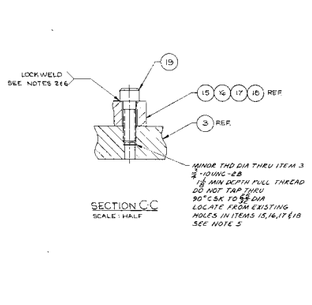
SECTION A-A



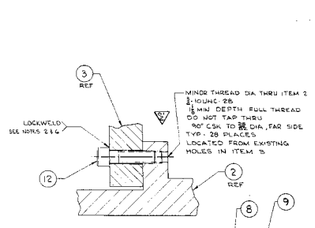
VIEW F
SCALE: HALF



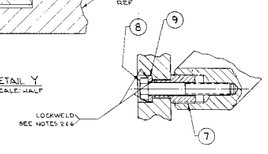
SECTION D-D
SCALE: HALF



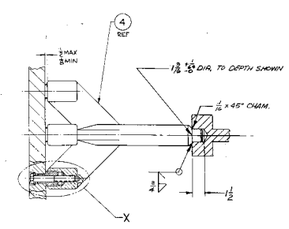
SECTION C-C
SCALE: HALF



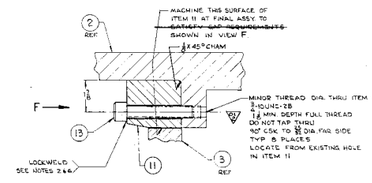
DETAIL Y
SCALE: HALF



DETAIL X
SCALE: HALF



SECTION E-E
SCALE: QUARTER
INFORMATION SHOWN IS ALSO APPLICABLE TO LOCATIONS UTILIZING ITEMS 5 & 6.



DETAIL Z
SCALE: HALF

BILL OF MATERIALS

QUANTITIES ARE FOR

GROUP NO. & QUANTITY 6	5	4	3	2	1	ITEM NO.	NAME	PIECE NO.	MATERIAL	REMARKS
					X	1	CORE SUPPORT BARREL-LOWER SECT ASSY	J-23866-164-012-1		
					1	2	CORE SUPPORT BARREL-LOWER SECTION	J-23866-164-016		
					1	3	CORE SUPPORT PLATE	J-23866-164-018-1		
				16	4	4	SUPPORT COLUMN - A LEG	R-23866-164-017-1		
				8	4	5	SUPPORT COLUMN - B LEG	R-23866-164-017-2		
				20	4	6	SUPPORT COLUMN - C LEG	R-23866-164-017-3		
				28	1	7	LEVELING NUT	R-23866-164-017A		
				28	1	8	FINISHED HEX BOLT	J-23866-164-017-B	SEE NOTE 8	3/4 DIA. x 8 LG.
				28	4	9	SPACER	R-23866-164-017-5		
				~~56~~	~~10~~	~~10~~	~~STRUCTURAL~~	~~U-A992 W-36" W-14~~		
				18	11	11	ALIGNMENT BLOCK	R-23866-164-017H		
				24	12	12	SOC. HD. CAP SCREW	J-23866-164-017E	SEE NOTE 8	3/4-10UNC x 3 LG.
				18	13	13	SOC. HD. CAP SCREW	J-23866-164-017B	SEE NOTE 8	3/4-10UNC x 4 LG.
						14				
					4	15	ANCHOR BLOCK	R-23866-164-004-2		
					4	16	ANCHOR BLOCK	R-23866-164-004-4		
					4	17	ANCHOR BLOCK	R-23866-164-004-3		
					4	18	ANCHOR BLOCK	R-23866-164-004-1		
				48		19	SOC. HD. CAP SCREW	J-23866-164-017E	SEE NOTE 8	3/4-10UNC-2A x 2 1/2 LG.
				36		20	DOWEL PIN	~~.500 DIA x 2 LG.~~ .750 DIA. x 2 LG.		

8. MATERIAL: ASTM A193-66, SPE-1.
7. LIGHTLY COAT ALL THREADS WITH NEOLUBE PRIOR TO TORQUING.
6. DO NOT LOCKWELD UNTIL AFTER DIMENSIONAL REQUIREMENTS OF DWG. J-23866-164-013 HAVE BEEN SATISFIED.
5. ITEMS 15 & 16 ARE FUNCTION TO CONTROL LOCATION OF THE LOWER END OF THE CORE SHROUD. THESE ITEMS MUST BE LOCATED IN A MANNER WHICH WILL POSITION THE CORE SHROUDS TO THE ACCURACY INDICATED ON THE PLAN VIEW OF DRAWING J-23866-164-011.
4. ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS AND DO NOT INCLUDE ANY ALLOWANCES FOR MACHINING, WELDING AND SUBSEQUENT ASSEMBLY.
3. CENTERLINE [G] IS DEFINED AS PASSING THRU THE TRUE CENTERS OF DIAS [-A-] & [-H-], DATUMS [-D-] & [-E-] ARE PERPENDICULAR PLANES WHOSE POINT OF INTERSECTION PASSES THRU [-G-].
2. PRODUCT TO BE IN ACCORDANCE WITH CENPD SPEC. 23866-16-40-1
1. DIMENSIONING AND TOLERANCING PER USASI Y14.5-1966

OPPD TAG NUMBER
RC-1

J-23866-164-012
04

FORT CALHOUN STATION
CONSTRUCTION RECORDS
REV. SH. 34449
FILE 21406
REV. 1

EA-FC-00-134 DF 12/01

ALL ITEMS DEPICTED ON THIS DRAWING ARE WITHIN LICENSE RENEWAL SCOPE.

REV.	DESCRIPTION	DR.	CHK.	APP.	DATE	REV.	DESCRIPTION	DR.	CHK.	APP.	DATE
04	(1) B.M.: DELETED ITEM 10 WAS REQ. INSTEAD ITEM 10 WAS REVISED ITEM 4 & 5 PER ECN REQ. 23866-384	J.C.				03	(1) B.M.: ITEM 18 WAS 3/4-10UNC-2B & DETAILS Y & Z WAS 3/4 MINIMUM THREAD PER REV. REQ. 23866-378. (2) SECTION C-C PICTURE REVISED PER REV REQ 23866-103	J.C.			
						02	CERTIFIED TO CONSTRUCTION PER REV. REQ. 23866-187 (1) ADD ITEM 8 & 9 REV. HEXD BOLT (2) REVISED NOMINAL BOLTS TO FINAL ASSY. TO ENTER DETAIL OF REV. REQ. 23866-184				

OMAHA PUBLIC POWER DISTRICT	
FORT CALHOUN UNIT NO. 1	
NEXT ASSY: J-23866-164-013	
FINAL ASSY:	
SUPERSEDES:	
SUPERSEDED:	
DO NOT SCALE DWG.	SCALE: NONE
WEIGHT:	SHEET:
CONSTRUCTION ENGINEERING, INC. NORCROSS, GEORGIA	
CORE SUPPORT BARREL LOWER SECTION ASSY	
J-23866-164-012	04

FOR INFORMATION ONLY

NOTE: THIS PRINT IS TO BE USED FOR THE FCS LICENSE RENEWAL PROJECT ONLY. IT MAY NOT REFLECT THE MOST CURRENT REVISION OF THIS DRAWING.