



- GENERAL NOTES:**
- FOR INSTALLATION SEE 6M721-3240-2
 - ATTACH HANGER TO STRUCTURE IN ACCORDANCE WITH SP732
 - REMOVE EXCESS GREASE FROM THREADED MEMBERS AFTER ERECTION
 - AFTER ERECTION IS COMPLETE, FIELD WILL FURNISH EG417 WITH A MARKED COPY OF THIS DRAWING GIVING AS-BUILT DIMENSIONS.
 - FOR SUPPORT SYSTEM COMPONENT STRUCTURAL CALCULATIONS SEE DESIGN CALCULATION NO DC703 ON FILE IN THE FERMI 2 DOCUMENT CONTROL CENTER.
 - BM'S NO LONGER APPLY, SUPPORT SKETCHES ARE ON FILE IN DOCUMENT CONTROL.
 - ALL THERMAL (PIPE) MOVEMENTS AS SHOWN IN THE HANGER DATA TABLE ARE ALONG THE GLOBAL COORDINATES EXCEPT SKEW SUPPORTS WHICH ARE ALONG THE TRANSLATED AXIS AS DEFINED IN THE S&L STRESS REPORT.

- REFERENCE DRAWINGS:**
- 6M721-3184-1 - PIPE FABRICATION.
 - 3M2331 - PIPE LUGS AND LUG RETAINERS
 - SP732 - WELD ATTACHMENTS.
 - SP921 - STANDARD GUIDES.
 - 3071-42 SPECIFICATION HANGER MATERIAL.

HANGER DATA										PER S&L STRESS REPORT		
MARK	LOC ZONE	TYPE	DETAIL	DWG 3M-2328	B/M	B/M ITEM	LOAD	PIPE MOVE	G/H	REMARKS	EMD-5285	RHR 0166
				TYPE	PART						REV	REV
E11-3184-G01	E4	SOLID	(K)			PIS-146M	1	7782	U-D	0.05E	0.043	0
E11-3184-G02	D5	SOLID	(K)			PIS-146M	2	2076	U-D	0.11E	0.145	0
E11-3184-G03	D5	SPRING	(K)			PIS-146M	3	7400	0	0	0	0
E11-3184-G04	E5	GUIDE	(K)			PIS-146M	4	9673	X-SKEW	0.10W	0.03D	0
E11-3184-G05	E5	GUIDE	(K)			PIS-146M	5	6768	Z-SKEW	0.10IS	0.02D	0
E11-3184-G06	E5	SOLID	(K)			PIS-146M	6	1141	U-D	0.05E	0.043	0
E11-3184-G07	F5	SNURR	(K)			PIS-146M	7	1548	N-S	0.18W	0.08N	0.01D
E11-3184-G08	C5	RIGID	(K)			PIS-146M	8	7082	X-SKEW	0	0	0.03U
E11-3184-G09	C5	RIGID	(K)			PIS-146M	9	7343	X-SKEW	0	0	0.03U
E11-3184-G10	E6	SOLID	(K)			PIS-146M	10	21656	X-SKEW	0.11W	0.02S	0
E11-3184-G11	F5	SOLID	(K)			PIS-107M	1	7423	U-D	0.17W	0.10N	0
E11-3184-G12	E7	RIGID	(K)			PIS-107M	2	4336	Z-SKEW	0	0.04S	0.07D
E11-3184-G13	B5	SPRING	(K)			PIS-107M	3	4630	0	0	0	0
E11-3184-G14	B5	SOLID	(K)			PIS-107M	4	4273	U-D	0.08E	0.01S	0
E11-3184-G15	F5	SNURR	(K)			PIS-107M	5	4808	E-W	0.19W	0.07N	0.02U
E11-3184-G16	C4	SOLID	(K)			PIS-107M	6	3587	U-D	0.10W	0	0
E11-3184-G17	C3	SOLID	(K)			PIS-107M	7	8436	U-D	0.10E	0.01S	0
E11-3184-G18	C3	SOLID	(K)			PIS-107M	8	9864	U-D	0.04W	0.05S	0
E11-3184-G19	B5	SOLID	(K)			PIS-107M	9					
E11-3184-G20	B4	GUIDE	(K)			PIS-107M	10	5948	X-SKEW	0	0	0.18D
E11-3184-G21	B4	GUIDE	(K)			PIS-139M	1	5440	X-SKEW	0	0	0.18D
E11-3184-G22	B4	SOLID	(K)			PIS-139M	2	3898	X-SKEW	0	0	0.18D
E11-3184-G23	B3	RIGID	(K)			PIS-139M	3	9349	E-SKEW	0	0.05S	0.12D
E11-3184-G24	B3	SNURR	(K)			PIS-139M	4	3636	Z-SKEW	0.06W	0.05N	0.12D
E11-3184-G25	D5	SNURR	(K)			PIS-139M	5	4827	X-SKEW	0.09W	0.33S	0.06D
E11-3184-G26	D5	RIGID	(K)			PIS-139M	6	2244	E-SKEW	0	0.28S	0.13U
E11-3184-G27	E7	SPRING	(K)			PIS-139M	7					
E11-3184-G28	C4	SNURR	(K)			PIS-139M	8	12408	N-S	0.08E	0.08N	0.08D
E11-3184-G29	C4	SPRING	(K)			PIS-146M	9	4193	0	0	0	0
E11-3184-G30	C4	RIGID	(K)			PIS-139M	10	4127	N-S	0.01E	0	0.19D
E11-3184-G31	C4	SNURR	(K)			PIS-139M	11	4442	U-D	0.01E	0.05N	0.19D
E11-3184-G32	C4	RIGID	(K)			PIS-139M	12	3119	Z-SKEW	0	0.06S	0.20D
E11-3184-G33	B3	SPRING	(K)			PIS-146M	13	8439	0	0	0	0
E11-3184-G34	D7	SNURR	(K)			PIS-139M	14	1926	X-SKEW	0.05E	0.05S	0.17D
E11-3184-G35	D7	RIGID	(K)			PIS-139M	15	1194	Z-SKEW	0.10E	0.06N	0.19D
E11-3184-G36	D7	SPRING	(K)			PIS-146M	16	8258	0	0	0	0
E11-3184-G37	E7	RIGID	(K)			PIS-139M	17	8338	N-S	0.05E	0.03S	0.17D
E11-3184-G38	E7	SNURR	(K)			PIS-139M	18	6169	E-W	0.05E	0.03S	0.17D
E11-3184-G39	E7	SNURR	(K)			PIS-139M	19	1372	U-D	0.06E	0.03S	0.15D
E11-3184-G40	B-1	SNURR	(K)			PIS-146M	20	11759	0	0	0	0
E11-3184-G41	B-4	SNURR	(K)			PIS-139M	21	2639	U-D	0.01S	0.18D	0
E11-3184-G42	E-5	RIGID	(K)			PIS-139M	22	2704	U-D	0.02W	0.04N	0
E11-3184-G43	E-9	SPRING	(K)			PIS-139M	23	1673	X-SKEW	0.08W	0.08N	0.03D
E11-3184-G44	B4	SOLID	(K)			PIS-139M	24	5951	X-SKEW	0.05E	0	0.20D
E11-3184-G45	B5	SNURR	(K)			PIS-139M	25	1125	U-D	0.08E	0.09S	0.14D
E11-3184-G46	D5	SOLID	(K)			PIS-139M	26	1312	Z-SKEW	0	0.13S	0.02U

DETAIL B7

APPROVAL SIGNATURES FOR PREVIOUS ISSUES WERE APPLIED TO SEPIAS AND ARE DOCUMENTED IN APERTURE CARD FILES.

REVISIONS:

- A** UPDATED TO AGREE WITH ASS-ABM-0162B 6M721-3184-1 REV V PER DCR P-0236 (G30) P-01026 (G26) P-11747 (G24) SUPERSEDED BY AS-BUILT CONDITIONS. CANCELLED G43, ADDED G44, G45, G46. REVISED HANGER DATA TABLE & NOTES. QFW SBPIAO
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DATE: NOV 17, 1984

REVISIONS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

CONTROL DATE: 11-23-84

ISSUE FOR APPROVAL: [Signature]

CLASS I INSTALLATION

THE RALPH M. PARSONS COMPANY
ENGINEERS-CONSTRUCTORS

THE DETROIT EDISON CO. ENGINEERING DEPARTMENTS

6M721-3184-2 PIS 8BP1AO