

## **Appendix D: Final PCCV Instrumentation List**



## Rebar Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
RS-R-A0-01	0	-135.0	48.0	EP-08-250BF-350	D-SN-P-127		F1XY063	F1XY063A	(basemat	NoCal
RS-R-A0-02	0	-135.0	168.0	EP-08-250BF-350	D-SN-P-127		F1XY063	F1XY063A	bottom)	NoCal
RS-R-D0-01	90	-135.0	48.0	EP-08-250BF-350	D-SN-P-127		F1XYA63	F1XYA63A		NoCal
RS-R-D0-02	90	-135.0	168.0	EP-08-250BF-350	D-SN-P-127		F1XYA63	F1XYA63A		NoCal
RS-R-A0-03	0	-4.0	48.0	EP-08-250BF-350	D-SN-P-127		F8R012	F8R012A	(basemat	NoCal
RS-R-A0-04	0	-4.0	168.0	EP-08-250BF-350	D-SN-P-127		F8R016	F8R016A	top)	NoCal
RS-R-A0-05	0	-4.0	206.0	EP-08-250BF-350	D-SN-P-127		F8R016	F8R016A		NoCal
RS-R-A0-06	0	-4.0	218.0	EP-08-250BF-350	D-SN-P-127		F8R016	F8R016A		NoCal
RS-R-D0-03	90	-4.0	48.0	EP-08-250BF-350	D-SN-P-127		F8R001	F8R001A		NoCal
RS-R-D0-04	90	-4.0	168.0	EP-08-250BF-350	D-SN-P-127		F8R015	F8R015A		NoCal
RS-R-D0-05	90	-4.0	206.0	EP-08-250BF-350	D-SN-P-127		F8R015	F8R015A		NoCal
RS-R-D0-06	90	-4.0	218.0	EP-08-250BF-350	D-SN-P-127		F8R015	F8R015A		NoCal
RS-R-Z0-01	135	-4.0	48.0	EP-08-250BF-350	D-SN-P-127		F8R006	F8R006A		NoCal
RS-R-Z0-02	135	-4.0	168.0	EP-08-250BF-350	D-SN-P-127		F8R016	F8R016B		NoCal
RS-R-Z0-03	135	-4.0	206.0	EP-08-250BF-350	D-SN-P-127		F8R016	F8R016B		NoCal
RS-R-Z0-04	135	-4.0	218.0	EP-08-250BF-350	D-SN-P-127		F8R016	F8R016B		NoCal
RS-C-D0-07	90	-47.0	202.0	EP-08-250BF-350	D-SN-P-127		F3C001	F3C001A	(tendon	NoCal
RS-C-D0-08	90	-47.0	231.0	EP-08-250BF-350	D-SN-P-127		F3C003	F3C003A	gallery)	NoCal
RS-R-D0-09	90	-44.0	197.0	EP-08-250BF-350	D-SN-P-127		F4R001	F4R001A		NoCal
RS-R-D0-10	90	-44.0	235.0	EP-08-250BF-350	D-SN-P-127		F4R001	F4R001A		NoCal
RS-R-D0-11	90	-28.0	205.0	EP-08-250BF-350	D-SN-P-127		F5R002	F5R002A		NoCal
RS-M-D0-12	90	-40.0	201.0	EP-08-250BF-350	D-SN-P-127		F3Z002	F3Z002A		NoCal
RS-M-D0-13	90	-23.0	201.0	EP-08-250BF-350	D-SN-P-127		F3Z002	F3Z002A		NoCal
RS-M-D0-14	90	-40.0	232.0	EP-08-250BF-350	D-SN-P-127		F3Z004	F3Z004A		NoCal
RS-C-Z0-05	135	-47.0	202.0	EP-08-250BF-350	D-SN-P-127		F3C001	F3C001A		NoCal
RS-C-Z0-06	135	-47.0	231.0	EP-08-250BF-350	D-SN-P-127		F3C003	F3C003A		NoCal
RS-R-Z0-07	135	-44.0	197.0	EP-08-250BF-350	D-SN-P-127		F4R001	F4R001B		NoCal
RS-R-Z0-08	135	-44.0	235.0	EP-08-250BF-350	D-SN-P-127		F4R001	F4R001B		NoCal
RS-R-Z0-09	135	-28.0	205.0	EP-08-250BF-350	D-SN-P-127		F5R002	F5R002B		NoCal
RS-M-Z0-10	135	-40.0	201.0	EP-08-250BF-350	D-SN-P-127		F3Z002	F3Z002B		NoCal
RS-M-Z0-11	135	-23.0	201.0	EP-08-250BF-350	D-SN-P-127		F3Z002	F3Z002B		NoCal
RS-M-Z0-12	135	-40.0	232.0	EP-08-250BF-350	D-SN-P-127		F3Z004	F3Z004B		NoCal
GB-D-D0-01	90	-40.0	198.0	EP-08-250BF-350	D-SN-P-127		-	G13D0A	(Inclined	NoCal
GB-D-D0-02	90	-31.5	206.5	EP-08-250BF-350	D-SN-P-127		-	G13D0A	gage bars	NoCal
GB-D-D0-03	90	-23.0	215.0	EP-08-250BF-350	D-SN-P-127		-	G13D0A	above	NoCal
GB-D-D0-04	90	-40.0	238.0	EP-08-250BF-350	D-SN-P-127		-	G13D0B	gallery)	NoCal
GB-D-D0-05	90	-31.5	229.5	EP-08-250BF-350	D-SN-P-127		-	G13D0B		NoCal
GB-D-D0-06	90	-23.0	221.0	EP-08-250BF-350	D-SN-P-127		-	G13D0B		NoCal
GB-D-D0-07	90	-39.0	189.0	EP-08-250BF-350	D-SN-P-127		-	G14D0A		NoCal
GB-D-D0-08	90	-30.5	197.5	EP-08-250BF-350	D-SN-P-127		-	G14D0A		NoCal
GB-D-D0-09	90	-22.0	206.0	EP-08-250BF-350	D-SN-P-127		-	G14D0A		NoCal
GB-D-D0-10	90	-13.5	214.5	EP-08-250BF-350	D-SN-P-127		-	G14D0A		NoCal
GB-D-Z0-01	135	-40.0	198.0	EP-08-250BF-350	D-SN-P-127		-	G13Z0A		NoCal
GB-D-Z0-02	135	-31.5	206.5	EP-08-250BF-350	D-SN-P-127		-	G13Z0A		NoCal
GB-D-Z0-03	135	-23.0	215.0	EP-08-250BF-350	D-SN-P-127		-	G13Z0A		NoCal
GB-D-Z0-04	135	-40.0	238.0	EP-08-250BF-350	D-SN-P-127		-	G13Z0B		NoCal
GB-D-Z0-05	135	-31.5	229.5	EP-08-250BF-350	D-SN-P-127		-	G13Z0B		NoCal
GB-D-Z0-06	135	-23.0	221.0	EP-08-250BF-350	D-SN-P-127		-	G13Z0B		NoCal
GB-D-Z0-07	135	-39.0	189.0	EP-08-250BF-350	D-SN-P-127		-	G14Z0A		NoCal
GB-D-Z0-08	135	-30.5	197.5	EP-08-250BF-350	D-SN-P-127		-	G14Z0A		NoCal
GB-D-Z0-09	135	-22.0	206.0	EP-08-250BF-350	D-SN-P-127		-	G14Z0A		NoCal
GB-D-Z0-10	135	-13.5	214.5	EP-08-250BF-350	D-SN-P-127		-	G14Z0A		NoCal

## Rebar Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
GB-M-A1-01	350	-1.0	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15A1A	(vertical	NoCal
GB-M-A1-02	350	3.4	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15A1A	gage bars	NoCal
GB-M-A1-03	350	7.9	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15A1A	at wall	NoCal
GB-M-A1-04	350	12.3	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15A1A	basemat	NoCal
GB-M-A1-05	350	16.8	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15A1A	junction)	NoCal
GB-M-A1-06	350	-1.0	217.2	EP-08-062AQ-350	D-SN-P-125		-	G15A1B		NoCal
GB-M-A1-07	350	3.4	217.2	EP-08-062AQ-350	D-SN-P-125		-	G15A1B		NoCal
GB-M-A1-08	350	7.9	217.2	EP-08-062AQ-350	D-SN-P-125		-	G15A1B		NoCal
GB-M-A1-09	350	12.3	217.2	EP-08-062AQ-350	D-SN-P-125		-	G15A1B		NoCal
GB-M-A1-10	350	16.8	217.2	EP-08-062AQ-350	D-SN-P-125		-	G15A1B		NoCal
GB-M-A1-11	350	-1.0	220.4	EP-08-062AQ-350	D-SN-P-126		-	G15A1C		NoCal
GB-M-A1-12	350	3.4	220.4	EP-08-062AQ-350	D-SN-P-126		-	G15A1C		NoCal
GB-M-A1-13	350	7.9	220.4	EP-08-062AQ-350	D-SN-P-126		-	G15A1C		NoCal
GB-M-A1-14	350	12.3	220.4	EP-08-062AQ-350	D-SN-P-126		-	G15A1C		NoCal
GB-M-A1-15	350	16.8	220.4	EP-08-062AQ-350	D-SN-P-126		-	G15A1C		NoCal
GB-M-A1-16	350	-1.0	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15A1D		NoCal
GB-M-A1-17	350	3.4	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15A1D		NoCal
GB-M-A1-18	350	7.9	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15A1D		NoCal
GB-M-A1-19	350	12.3	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15A1D		NoCal
GB-M-A1-20	350	16.8	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15A1D		NoCal
GB-M-A1-21	351	-1.0	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15A1E	Added	NoCal
GB-M-A1-22	351	3.4	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15A1E	Added	NoCal
GB-M-D1-01	90	-1.0	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15D1A		NoCal
GB-M-D1-02	90	3.4	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15D1A		NoCal
GB-M-D1-03	90	7.9	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15D1A		NoCal
GB-M-D1-04	90	12.3	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15D1A		NoCal
GB-M-D1-05	90	16.8	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15D1A		NoCal
GB-M-D1-06	90	-1.0	220.0	EP-08-062AQ-350	D-SN-P-125		-	G15D1B		NoCal
GB-M-D1-07	90	3.4	220.0	EP-08-062AQ-350	D-SN-P-125		-	G15D1B		NoCal
GB-M-D1-08	90	7.9	220.0	EP-08-062AQ-350	D-SN-P-125		-	G15D1B		NoCal
GB-M-D1-09	90	12.3	220.0	EP-08-062AQ-350	D-SN-P-125		-	G15D1B		NoCal
GB-M-D1-10	90	16.8	220.0	EP-08-062AQ-350	D-SN-P-125		-	G15D1B		NoCal
GB-M-D1-11	90	-1.0	226.0	EP-08-062AQ-350	D-SN-P-126		-	G15D1C		NoCal
GB-M-D1-12	90	3.4	226.0	EP-08-062AQ-350	D-SN-P-126		-	G15D1C		NoCal
GB-M-D1-13	90	7.9	226.0	EP-08-062AQ-350	D-SN-P-126		-	G15D1C		NoCal
GB-M-D1-14	90	12.3	226.0	EP-08-062AQ-350	D-SN-P-126		-	G15D1C		NoCal
GB-M-D1-15	90	16.8	226.0	EP-08-062AQ-350	D-SN-P-126		-	G15D1C		NoCal
GB-M-D1-16	90	-1.0	232.0	EP-08-062AQ-350	D-SN-P-126		-	G15D1D		NoCal
GB-M-D1-17	90	3.4	232.0	EP-08-062AQ-350	D-SN-P-126		-	G15D1D		NoCal
GB-M-D1-18	90	7.9	232.0	EP-08-062AQ-350	D-SN-P-126		-	G15D1D		NoCal
GB-M-D1-19	90	12.3	232.0	EP-08-062AQ-350	D-SN-P-126		-	G15D1D		NoCal
GB-M-D1-20	90	16.8	232.0	EP-08-062AQ-350	D-SN-P-126		-	G15D1D		NoCal
GB-M-Z1-01	135	-1.0	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15Z1A		NoCal
GB-M-Z1-02	135	3.4	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15Z1A		NoCal
GB-M-Z1-03	135	7.9	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15Z1A		NoCal
GB-M-Z1-04	135	12.3	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15Z1A		NoCal
GB-M-Z1-05	135	16.8	214.0	EP-08-062AQ-350	D-SN-P-125		-	G15Z1A		NoCal
GB-M-Z1-06	135	-1.0	217.2	EP-08-062AQ-350	D-SN-P-125		-	G15Z1B		NoCal
GB-M-Z1-07	135	3.4	217.2	EP-08-062AQ-350	D-SN-P-125		-	G15Z1B		NoCal
GB-M-Z1-08	135	7.9	217.2	EP-08-062AQ-350	D-SN-P-125		-	G15Z1B		NoCal
GB-M-Z1-09	135	12.3	217.2	EP-08-062AQ-350	D-SN-P-125		-	G15Z1B		NoCal
GB-M-Z1-10	135	16.8	217.2	EP-08-062AQ-350	D-SN-P-125		-	G15Z1B		NoCal
GB-M-Z1-11	135	-1.0	220.4	EP-08-062AQ-350	D-SN-P-126		-	G15Z1C		NoCal
GB-M-Z1-12	135	3.4	220.4	EP-08-062AQ-350	D-SN-P-126		-	G15Z1C		NoCal
GB-M-Z1-13	135	7.9	220.4	EP-08-062AQ-350	D-SN-P-126		-	G15Z1C		NoCal

## Rebar Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
GB-M-Z1-14	135	12.3	220.4	EP-08-062AQ-350	D-SN-P-126		-	G15Z1C		NoCal
GB-M-Z1-15	135	16.8	220.4	EP-08-062AQ-350	D-SN-P-126		-	G15Z1C		NoCal
GB-M-Z1-16	135	-1.0	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15Z1D		NoCal
GB-M-Z1-17	135	3.4	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15Z1D		NoCal
GB-M-Z1-18	135	7.9	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15Z1D		NoCal
GB-M-Z1-19	135	12.3	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15Z1D		NoCal
GB-M-Z1-20	135	16.8	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15Z1D		NoCal
GB-M-Z1-21	136	-1.0	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15Z1E	Added	NoCal
GB-M-Z1-22	136	3.4	223.6	EP-08-062AQ-350	D-SN-P-126		-	G15Z1E	Added	NoCal
RS-M-A0-07	0	-10.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V002	S2V002A	(free-	NoCal
RS-M-A0-08	0	-10.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V002	S6V002A	field	NoCal
RS-M-A1-01	0	2.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V002	S2V002A	vertical	NoCal
RS-M-A1-02	0	2.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V002	S6V002A	bars)	NoCal
RS-M-A2-01	0	10.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V002	S2V002A		NoCal
RS-M-A2-02	0	10.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V002	S6V002A		NoCal
RS-M-A5-01	1	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V006	S2V006A		NoCal
RS-M-A5-02	0	184.0	221.5	EP-08-250BF-350	D-SN-P-126		S6VC13	S6VC13A		NoCal
RS-M-A6-01	1	244.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V011	S2V011C		NoCal
RS-M-A6-02	1	244.0	221.5	EP-08-250BF-350	D-SN-P-126		S6VA15	S6VA15A		NoCal
RS-M-A7-01	1	304.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V013	S2V013A		NoCal
RS-M-A7-02	1	304.0	221.5	EP-08-250BF-350	D-SN-P-126		S6VA15	S6VA15A		NoCal
RS-M-A9-01	1	423.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V013	S2V013A		NoCal
RS-M-A9-02	1	423.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V015	S6V015A		NoCal
RS-M-B5-01	29	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V006	S2V006B		NoCal
RS-M-B5-02	30	184.0	221.5	EP-08-250BF-350	D-SN-P-126		S6VC13	S6VC13B		NoCal
RS-M-D0-15	90	-10.0	214.0	EP-08-250BF-350	D-SN-P-125		S1VA02	S1VA02A		NoCal
RS-M-D0-16	89	-10.0	230.0	EP-08-250BF-350	D-SN-P-126		SB1VA04	SB1VA04A		NoCal
RS-M-D1-01	90	2.0	214.0	EP-08-250BF-350	D-SN-P-125		S1VA02	S1VA02A		NoCal
RS-M-D1-02	89	2.0	230.0	EP-08-250BF-350	D-SN-P-126		SB1VA04	SB1VA04A		NoCal
RS-M-D2-01	90	10.0	214.0	EP-08-250BF-350	D-SN-P-125		S1VA02	S1VA02A		NoCal
RS-M-D2-02	89	10.0	230.0	EP-08-250BF-350	D-SN-P-126		SB1VA04	SB1VA04A		NoCal
RS-M-D3-01	90	56.0	214.0	EP-08-250BF-350	D-SN-P-125		S1VB02	S1VB02A		NoCal
RS-M-D3-02	89	56.0	230.0	EP-08-250BF-350	D-SN-P-126		SB1VB04	SB1VB04A		NoCal
RS-M-D4-01	90	104.0	214.0	EP-08-250BF-350	D-SN-P-125		S1VB02	S1VB02A		NoCal
RS-M-D4-02	89	104.0	230.0	EP-08-250BF-350	D-SN-P-126		SB1V006	SB1V006A		NoCal
RS-M-D5-01	91	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V004	S1V004A		NoCal
RS-M-D5-02	89.5	184.0	230.0	EP-08-250BF-350	D-SN-P-126		SB1V008	SB1V008A		NoCal
RS-M-D6-01	90	244.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V005	S1V005A		NoCal
RS-M-D6-02	89.5	244.0	230.0	EP-08-250BF-350	D-SN-P-126		SB2V002	SB2V002A		NoCal
RS-M-D7-01	90	304.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V005	S1V005A		NoCal
RS-M-D7-02	89.5	304.0	230.0	EP-08-250BF-350	D-SN-P-126		SB2V002	SB2V002A		NoCal
RS-M-D8-01	90	363.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V005	S1V005A		NoCal
RS-M-D8-02	89	363.0	230.0	EP-08-250BF-350	D-SN-P-126		SB2V006	SB2V006A		NoCal
RS-M-D9-01	91	423.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V007	S1V007A		NoCal
RS-M-D9-02	89	423.0	230.0	EP-08-250BF-350	D-SN-P-126		SB2V006	SB2V006A		NoCal
RS-M-D10-01	90	504.0	198.0	EP-08-250BF-350	D-SN-P-125		D2V001	D2V001A		NoCal
RS-M-D10-02	89.5	504.0	214.0	EP-08-250BF-350	D-SN-P-126		DB1V002	DB1V002A		NoCal
RS-M-D11-01	90	573.0	152.0	EP-08-250BF-350	D-SN-P-125		D2V001	D2V001A		NoCal
RS-M-D11-02	89.5	573.0	170.0	EP-08-250BF-350	D-SN-P-126		DB1V008	DB1V008A		NoCal
RS-M-D12-01	91	619.0	83.0	EP-08-250BF-350	D-SN-P-125		D2V011	D2V011A		NoCal
RS-M-D12-02	91	619.0	101.0	EP-08-250BF-350	D-SN-P-126		D5V011	D5V011A		NoCal
RS-M-E5-01	119	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V004	S1V004B		NoCal
RS-M-E5-02	119	184.0	221.5	EP-08-250BF-350	D-SN-P-126		S5V008	S5V008A		NoCal

## Rebar Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
RS-M-Z0-13	135	-10.0	214.0	EP-08-250BF-350	D-SN-P-125		S1VA02	S1VA02B		NoCal
RS-M-Z0-14	135	-10.0	221.5	EP-08-250BF-350	D-SN-P-126		S5VA03	S5VA03A		NoCal
RS-M-Z1-01	135	2.0	214.0	EP-08-250BF-350	D-SN-P-125		S1VA02	S1VA02B		NoCal
RS-M-Z1-02	135	2.0	221.5	EP-08-250BF-350	D-SN-P-126		S5VA03	S5VA03A		NoCal
RS-M-Z2-01	135	10.0	214.0	EP-08-250BF-350	D-SN-P-125		S1VA02	S1VA02B		NoCal
RS-M-Z2-02	135	10.0	221.5	EP-08-250BF-350	D-SN-P-126		S5VA03	S5VA03A		NoCal
RS-M-Z3-01	135	56.0	214.0	EP-08-250BF-350	D-SN-P-125		S1VA03	S1VA03A		NoCal
RS-M-Z3-02	135	56.0	221.5	EP-08-250BF-350	D-SN-P-126		S5VB03	S5VB03A		NoCal
RS-M-Z4-01	135	104.0	214.0	EP-08-250BF-350	D-SN-P-125		S1VA03	S1VA03A		NoCal
RS-M-Z4-02	135	104.0	221.5	EP-08-250BF-350	D-SN-P-126		S5V005	S5V005A		NoCal
RS-M-Z5-01	135	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V004	S1V004C		NoCal
RS-M-Z5-02	135	184.0	221.5	EP-08-250BF-350	D-SN-P-126		S5VB07	S5VB07A		NoCal
RS-M-Z5-03	135	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V004	S1V004C		NoCal
RS-M-Z5-04	135	184.0	221.5	EP-08-250BF-350	D-SN-P-126		S5VB07	S5VB07A		NoCal
RS-M-Z6-01	135	244.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V005	S1V005B		NoCal
RS-M-Z6-02	135	244.0	221.5	EP-08-250BF-350	D-SN-P-126		S5VA07	S5VA07A		NoCal
RS-M-Z7-01	135	304.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V005	S1V005B		NoCal
RS-M-Z7-02	135	304.0	221.5	EP-08-250BF-350	D-SN-P-126		S5VA07	S5VA07A		NoCal
RS-M-Z8-01	135	363.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V005	S1V005B		NoCal
RS-M-Z8-02	135	363.0	221.5	EP-08-250BF-350	D-SN-P-126		S5V007	S5V007A		NoCal
RS-M-Z9-01	135	423.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V005	S1V005B		NoCal
RS-M-Z9-02	135	423.0	221.5	EP-08-250BF-350	D-SN-P-126		S5V007	S5V007A		NoCal
RS-M-Z9-03	135	423.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V005	S1V005B		NoCal
RS-M-Z9-04	135	423.0	221.5	EP-08-250BF-350	D-SN-P-126		S5V007	S5V007A		NoCal
RS-M-Z10-01	135	504.0	198.0	EP-08-250BF-350	D-SN-P-125		D1V003	D1V003A		NoCal
RS-M-Z10-02	135	504.0	206.0	EP-08-250BF-350	D-SN-P-126		D4V003	D4V003A		NoCal
RS-M-Z11-01	135	573.0	152.0	EP-08-250BF-350	D-SN-P-125		D1V003	D1V003A		NoCal
RS-M-Z11-02	135	573.0	162.0	EP-08-250BF-350	D-SN-P-126		D4VA03	D4VA03A		NoCal
RS-M-Z11-03	135	573.0	152.0	EP-08-250BF-350	D-SN-P-125		D1V003	D1V003A		NoCal
RS-M-Z11-04	135	573.0	162.0	EP-08-250BF-350	D-SN-P-126		D4VA03	D4VA03A		NoCal
RS-M-Z12-01	135	619.0	83.0	EP-08-250BF-350	D-SN-P-125		D1V003	D1V003A		NoCal
RS-M-Z12-02	135	619.0	90.0	EP-08-250BF-350	D-SN-P-126		D4VA03	D4VA03A		NoCal
RS-M-Z13-01	-	637.0	0.0	EP-08-250BF-350	D-SN-P-125		D1V004	D1V004A		NoCal
RS-M-Z13-02	-	644.0	0.0	EP-08-250BF-350	D-SN-P-126		D4V004	D4V004A		NoCal
RS-M-Z13-03	-	637.0	0.0	EP-08-250BF-350	D-SN-P-125		D2V004	D2V004A		NoCal
RS-M-Z13-04	-	644.0	0.0	EP-08-250BF-350	D-SN-P-126		D5V004	D5V004A		NoCal
RS-M-F5-01	149	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V004	S1V004D		NoCal
RS-M-F5-02	149	184.0	221.5	EP-08-250BF-350	D-SN-P-126		S5V008	S5V008B		NoCal
RS-M-G5-01	180	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S1PV016	S1PV016A		NoCal
RS-M-G5-02	180	184.0	221.5	EP-08-250BF-350	D-SN-P-126		S5PV022	S5PV022A		NoCal
RS-M-G6-01	180	244.0	214.0	EP-08-250BF-350	D-SN-P-125		S1PV016	S1PV016A		NoCal
RS-M-G6-02	181	244.0	221.5	EP-08-250BF-350	D-SN-P-126		S5PV021	S5PV021A		NoCal
RS-M-G7-01	180	304.0	214.0	EP-08-250BF-350	D-SN-P-125		S1PVA38	S1PVA38A		NoCal
RS-M-G7-02	180	304.0	221.5	EP-08-250BF-350	D-SN-P-126		S5PVA47	S5PVA47A		NoCal
RS-M-H5-01	209	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V004	S1V004E		NoCal
RS-M-H5-02	209	184.0	221.5	EP-08-250BF-350	D-SN-P-126		S5V008	S5V008C		NoCal
RS-M-I5-01	239	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V004	S1V004F		NoCal
RS-M-I5-02	239	184.0	221.5	EP-08-250BF-350	D-SN-P-126		S5V008	S5V008D		NoCal
RS-M-I9-01	239	423.0	214.0	EP-08-250BF-350	D-SN-P-125		S1V007	S1V007B		NoCal
RS-M-I9-02	239	423.0	221.5	EP-08-250BF-350	D-SN-P-126		S5V009	S5V009A		NoCal
RS-M-J0-01	270	-10.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V002	S2V002B		NoCal
RS-M-J0-02	269	-10.0	230.0	EP-08-250BF-350	D-SN-P-126		SB1V004	SB1V004B		NoCal
RS-M-J1-01	270	2.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V002	S2V002B		NoCal

## Rebar Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
RS-M-J1-02	269	2.0	230.0	EP-08-250BF-350	D-SN-P-126		SB1V004	SB1V004B		NoCal
RS-M-J2-01	270	10.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V002	S2V002B		NoCal
RS-M-J2-02	269	10.0	230.0	EP-08-250BF-350	D-SN-P-126		SB1V004	SB1V004B		NoCal
RS-M-J5-01	270	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V006	S2V006C		NoCal
RS-M-J5-02	269.5	184.0	230.0	EP-08-250BF-350	D-SN-P-126		SB1V008	SB1V008B		NoCal
RS-M-J9-01	271	423.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V013	S2V013B		NoCal
RS-M-J9-02	269	423.0	230.0	EP-08-250BF-350	D-SN-P-126		SB2V006	SB2V006B		NoCal
RS-M-L0-01	324	-10.0	214.0	EP-08-250BF-350	D-SN-P-125		S2VA02	S2VA02A		NoCal
RS-M-L0-02	324	-10.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V002	S6V002B		NoCal
RS-M-L1-01	324	2.0	214.0	EP-08-250BF-350	D-SN-P-125		S2VA02	S2VA02A		NoCal
RS-M-L1-02	324	2.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V002	S6V002B		NoCal
RS-M-L2-01	324	10.0	214.0	EP-08-250BF-350	D-SN-P-125		S2VA02	S2VA02A		NoCal
RS-M-L2-02	324	10.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V002	S6V002B		NoCal
RS-M-L3-01	324	56.0	214.0	EP-08-250BF-350	D-SN-P-125		S2PVA10	S2PVA10A		NoCal
RS-M-L3-02	324	60.0	221.5	EP-08-250BF-350	D-SN-P-126		P2V007	P2V007A		NoCal
RS-M-L7-01	324	304.0	214.0	EP-08-250BF-350	D-SN-P-125		S2PV034	S2PV034A		NoCal
RS-M-L7-02	324	304.0	221.5	EP-08-250BF-350	D-SN-P-126		S6PVA15	S6PVA15A		NoCal
RS-M-L8-01	324	363.0	214.0	EP-08-250BF-350	D-SN-P-125		S2PV034	S2PV034A		NoCal
RS-M-L8-02	324	363.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V020	S6V020A		NoCal
RS-M-L9-01	323	423.0	214.0	EP-08-250BF-350	D-SN-P-125		S2PV033	S2PV033A		NoCal
RS-M-L9-02	323	423.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V015	S6V015B		NoCal
RS-M-L10-01	324	504.0	198.0	EP-08-250BF-350	D-SN-P-125		D1V001	D1V001A		NoCal
RS-M-L10-02	323	504.0	206.0	EP-08-250BF-350	D-SN-P-126		D4V003	D4V003B		NoCal
RS-M-L11-01	324	573.0	152.0	EP-08-250BF-350	D-SN-P-125		D1V001	D1V001A		NoCal
RS-M-L11-02	324	573.0	162.0	EP-08-250BF-350	D-SN-P-126		D4VA01	D4VA01A		NoCal
RS-M-L12-01	323	619.0	83.0	EP-08-250BF-350	D-SN-P-125		D1V003	D1V003B		NoCal
RS-M-L12-02	323	619.0	90.0	EP-08-250BF-350	D-SN-P-126		D4VA03	D4VA03B		NoCal
RS-M-C5-01	44	147.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V006	S2V006D	(A/L	NoCal
RS-M-C5-02	45	147.0	221.5	EP-08-250BF-350	D-SN-P-126		S6VC13	S6VC13C	vertical	NoCal
RS-M-C5-03	44	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V006	S2V006D	bars)	NoCal
RS-M-C5-04	44	184.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V010	S6V010A		NoCal
RS-M-C5-05	44	209.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V011	S2V011A		NoCal
RS-M-C5-06	44	209.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V010	S6V010A		NoCal
RS-M-C5-07	51	125.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V021	S2V021A		NoCal
RS-M-C5-08	52	125.0	221.5	EP-08-250BF-350	D-SN-P-126		S6PVA05	S6PVA05A		NoCal
RS-M-C5-09	61	125.0	214.0	EP-08-250BF-350	D-SN-P-125		S2PV021	S2PV021A		NoCal
RS-M-C5-10	61	125.0	221.5	EP-08-250BF-350	D-SN-P-126		S6PVA06	S6PVA06A		NoCal
RS-M-C5-11	73	125.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V021	S2V021B		NoCal
RS-M-C5-12	72	125.0	221.5	EP-08-250BF-350	D-SN-P-126		S6PVA05	S6PVA05B		NoCal
RS-M-C5-13	51	230.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V004	S2V004A		NoCal
RS-M-C5-14	52	230.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V018	S6V018A		NoCal
RS-M-C5-15	62	230.0	214.0	EP-08-250BF-350	D-SN-P-125		P3VA06	P3VA06A		NoCal
RS-M-C5-16	62	230.0	221.5	EP-08-250BF-350	D-SN-P-126		P3VA06	P3VA06A		NoCal
RS-M-C5-17	73	230.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V004	S2V004B		NoCal
RS-M-C5-18	72	230.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V018	S6V018B		NoCal
RS-M-C5-19	80	147.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V006	S2V006E		NoCal
RS-M-C5-20	80	147.0	221.5	EP-08-250BF-350	D-SN-P-126		S6VC10	S6VC10A		NoCal
RS-M-C5-21	80	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V006	S2V006E		NoCal
RS-M-C5-22	80	184.0	221.5	EP-08-250BF-350	D-SN-P-126		S6VA10	S6VA10A		NoCal
RS-M-C5-23	80	209.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V011	S2V011B		NoCal
RS-M-C5-24	80	209.0	221.5	EP-08-250BF-350	D-SN-P-126		S6VA10	S6VA10A		NoCal
RS-M-K5-01	299	131.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V021	S2V021C	(E/H	NoCal
RS-M-K5-02	299	131.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V007	S6V007A	vertical	NoCal
RS-M-K5-03	299	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V018	S2V018A	bars)	NoCal
RS-M-K5-04	299	184.0	221.5	EP-08-250BF-350	D-SN-P-126		S6VB09	S6VB09A		NoCal

## Rebar Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
RS-M-K5-05	299	237.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V018	S2V018A		NoCal
RS-M-K5-06	299	237.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V009	S6V009A		NoCal
RS-M-L4-01	308	79.0	214.0	EP-08-250BF-350	D-SN-P-125		S2PV002	S2PV002A		NoCal
RS-M-L4-02	308	79.0	221.5	EP-08-250BF-350	D-SN-P-126		S6VA12	S6VA12A		NoCal
RS-M-L4-03	324	79.0	214.0	EP-08-250BF-350	D-SN-P-125		S2PVA10	S2PVA10A		NoCal
RS-M-L4-04	324	79.0	221.5	EP-08-250BF-350	D-SN-P-126		P2V007	P2V007A		NoCal
RS-M-L4-05	340	79.0	214.0	EP-08-250BF-350	D-SN-P-125		S2PV002	S2PV002B		NoCal
RS-M-L4-06	340	79.0	221.5	EP-08-250BF-350	D-SN-P-126		S6VA12	S6VA12B		NoCal
RS-M-L6-01	308	289.0	214.0	EP-08-250BF-350	D-SN-P-125		S2PV033	S2PV033B		NoCal
RS-M-L6-02	308	289.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V024	S6V024A		NoCal
RS-M-L6-03	324	289.0	214.0	EP-08-250BF-350	D-SN-P-125		S2PV034	S2PV034A		NoCal
RS-M-L6-04	324	289.0	221.5	EP-08-250BF-350	D-SN-P-126		S6PVA15	S6PVA15A		NoCal
RS-M-L6-05	340	289.0	214.0	EP-08-250BF-350	D-SN-P-125		S2PV033	S2PV033C		NoCal
RS-M-L6-06	340	289.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V024	S6V024B		NoCal
RS-M-A5-03	349	131.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V021	S2V021D		NoCal
RS-M-A5-04	349	131.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V007	S6V007B		NoCal
RS-M-A5-05	349	184.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V018	S2V018B		NoCal
RS-M-A5-06	349	184.0	221.5	EP-08-250BF-350	D-SN-P-126		S6VB09	S6VB09B		NoCal
RS-M-A5-07	349	237.0	214.0	EP-08-250BF-350	D-SN-P-125		S2V018	S2V018B		NoCal
RS-M-A5-08	349	237.0	221.5	EP-08-250BF-350	D-SN-P-126		S6V009	S6V009B		NoCal
RS-C-A1-01	0	2.0	215.0	EP-08-250BF-350	D-SN-P-125		S4HA01	S4HA01A	(free-	NoCal
RS-C-A1-02	0	2.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H001	S8H001A	field	NoCal
RS-C-A2-01	0	11.0	215.0	EP-08-250BF-350	D-SN-P-125		S4HA01	S4HA01B	Hoop	NoCal
RS-C-A2-02	0	11.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H001	S8H001B	bars)	NoCal
RS-C-A5-01	2	184.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H013	S4H013A		NoCal
RS-C-A5-02	0	184.0	223.0	EP-08-250BF-350	D-SN-P-126		S8HB16	S8HB16A		NoCal
RS-C-A6-01	2	246.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H022	S4H022A		NoCal
RS-C-A6-02	0	246.0	223.0	EP-08-250BF-350	D-SN-P-126		S8HA21	S8HA21A		NoCal
RS-C-A7-01	0	308.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H028	S4H028A		NoCal
RS-C-A7-02	0	308.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H029	S8H029B		NoCal
RS-C-A9-01	0	423.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H028	S4H028C		NoCal
RS-C-A9-02	0	423.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H028	S8H028A		NoCal
RS-C-B5-01	30	184.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H013	S4H013A		NoCal
RS-C-B5-02	30	184.0	223.0	EP-08-250BF-350	D-SN-P-126		S8HA16	S8HA16A		NoCal
RS-C-D1-01	90	2.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H001	S4H001C		NoCal
RS-C-D1-02	90	2.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H002	S8H002A		NoCal
RS-C-D2-01	90	11.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H001	S4H001D		NoCal
RS-C-D2-02	90	11.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H002	S8H002B		NoCal
RS-C-D3-01	90	56.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H003	S4H003A		NoCal
RS-C-D3-02	90	56.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H006	S8H006A		NoCal
RS-C-D4-01	90	104.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H002	S4H002A		NoCal
RS-C-D4-02	90	104.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H008	S8H008A		NoCal
RS-C-D5-01	90	184.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H015	S4H015A		NoCal
RS-C-D5-02	90	184.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H019	S8H019B		NoCal
RS-C-D6-01	90	246.0	215.0	EP-08-250BF-350	D-SN-P-125		S4HA24	S4HA24A		NoCal
RS-C-D6-02	90	246.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H033	S8H033A		NoCal
RS-C-D7-01	90	304.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H023	S4H023A		NoCal
RS-C-D7-02	90	304.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H031	S8H031A		NoCal
RS-C-D8-01	90	361.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H024	S4H024D		NoCal
RS-C-D8-02	90	361.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H032	S8H032A		NoCal
RS-C-D9-01	90	423.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H024	S4H024E		NoCal
RS-C-D9-02	90	423.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H033	S8H033B		NoCal
RS-C-D10-01	91	504.0	199.0	EP-08-250BF-350	D-SN-P-125		D3H027	D3H027A		NoCal
RS-C-D10-02	91	504.0	207.0	EP-08-250BF-350	D-SN-P-126		D6H027	D6H027A		NoCal
RS-C-D11-01	89	573.0	153.0	EP-08-250BF-350	D-SN-P-125		D3H048	D3H048A		NoCal



## Rebar Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
RS-C-D11-02	89	573.0	163.0	EP-08-250BF-350	D-SN-P-126		D6H048	D6H048A		NoCal
RS-C-D12-01	90	619.0	85.0	EP-08-250BF-350	D-SN-P-125		D3H070	D3H070A		NoCal
RS-C-D12-02	90	619.0	92.0	EP-08-250BF-350	D-SN-P-126		D6H070	D6H070A		NoCal
RS-C-E5-01	120	184.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H014	S3H014A		NoCal
RS-C-E5-02	120	184.0	223.0	EP-08-250BF-350	D-SN-P-126		S7HA20	S7HA20A		NoCal
RS-C-Z1-01	135	2.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H001	S3H001A		NoCal
RS-C-Z1-02	135	2.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H001	S7H001A		NoCal
RS-C-Z2-01	135	11.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H001	S3H001B		NoCal
RS-C-Z2-02	135	11.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H001	S7H001B		NoCal
RS-C-Z3-01	135	56.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H003	S3H003A		NoCal
RS-C-Z3-02	135	56.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H003	S7H003A		NoCal
RS-C-Z4-01	135	104.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H004	S3H004A		NoCal
RS-C-Z4-02	135	104.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H005	S7H005A		NoCal
RS-C-Z5-01	135	184.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H014	S3H014A		NoCal
RS-C-Z5-02	135	184.0	223.0	EP-08-250BF-350	D-SN-P-126		S7HA20	S7HA20A		NoCal
RS-C-Z5-03	135	184.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H014	S3H014A		NoCal
RS-C-Z5-04	135	184.0	223.0	EP-08-250BF-350	D-SN-P-126		S7HA20	S7HA20A		NoCal
RS-C-Z6-01	135	246.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H026	S3H026A		NoCal
RS-C-Z6-02	135	246.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H031	S7H031A		NoCal
RS-C-Z7-01	135	304.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H018	S3H018A		NoCal
RS-C-Z7-02	135	304.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H036	S7H036A		NoCal
RS-C-Z8-01	135	361.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H016	S3H016A		NoCal
RS-C-Z8-02	135	361.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H038	S7H038A		NoCal
RS-C-Z9-01	135	423.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H016	S3H016B		NoCal
RS-C-Z9-02	135	423.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H036	S7H036B		NoCal
RS-C-Z10-01	135	504.0	199.0	EP-08-250BF-350	D-SN-P-125		D3H027	D3H027A		NoCal
RS-C-Z10-02	135	504.0	207.0	EP-08-250BF-350	D-SN-P-126		D6H027	D6H027A		NoCal
RS-C-Z11-01	135	573.0	153.0	EP-08-250BF-350	D-SN-P-125		D3H048	D3H048B		NoCal
RS-C-Z11-02	135	573.0	163.0	EP-08-250BF-350	D-SN-P-126		D6H048	D6H048B		NoCal
RS-C-Z12-01	135	619.0	85.0	EP-08-250BF-350	D-SN-P-125		D3H070	D3H070A		NoCal
RS-C-Z12-02	135	619.0	92.0	EP-08-250BF-350	D-SN-P-126		D6H070	D6H070A		NoCal
RS-C-F5-01	152	184.0	215.0	EP-08-250BF-350	D-SN-P-125		S3PH007	S3PH007A		NoCal
RS-C-F5-02	150	184.0	223.0	EP-08-250BF-350	D-SN-P-126		S7HA20	S7HA20A		NoCal
RS-C-G5-01	180	184.0	215.0	EP-08-250BF-350	D-SN-P-125		S3PH007	S3PH007A		NoCal
RS-C-G5-02	180	184.0	223.0	EP-08-250BF-350	D-SN-P-126		S7HA20	S7HA20A		NoCal
RS-C-G6-01	180	246.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H026	S3H026A		NoCal
RS-C-G6-02	180	246.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H031	S7H031A		NoCal
RS-C-G7-01	180	304.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H018	S3H018A		NoCal
RS-C-G7-02	180	304.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H036	S7H036A		NoCal
RS-C-H5-01	208	184.0	215.0	EP-08-250BF-350	D-SN-P-125		S3PH007	S3PH007A		NoCal
RS-C-H5-02	210	184.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H028	S7H028A		NoCal
RS-C-I5-01	240	184.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H019	S3H019A		NoCal
RS-C-I5-02	240	184.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H028	S7H028A		NoCal
RS-C-I9-01	240	423.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H020	S3H020A		NoCal
RS-C-I9-02	240	423.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H040	S7H040A		NoCal
RS-C-J1-01	270	2.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H002	S3H002A		NoCal
RS-C-J1-02	270	2.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H006	S7H006A		NoCal
RS-C-J2-01	270	11.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H002	S3H002B		NoCal
RS-C-J2-02	270	11.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H006	S7H006B		NoCal
RS-C-J5-01	270	184.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H019	S3H019A		NoCal
RS-C-J5-02	270	184.0	223.0	EP-08-250BF-350	D-SN-P-126		S7H028	S7H028A		NoCal

## Rebar Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
RS-C-J9-01	270	423.0	215.0	EP-08-250BF-350	D-SN-P-125		S3H020	S3H020A		NoCal
RS-C-J9-02	270	423.0	223.0	EP-08-250BF-350	D-SN-P-126		S7HB41	S7HB41A		NoCal
RS-C-L1-01	324	2.0	215.0	EP-08-250BF-350	D-SN-P-125		S4HA01	S4HA01A		NoCal
RS-C-L1-02	324	2.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H001	S8H001A		NoCal
RS-C-L2-01	324	11.0	215.0	EP-08-250BF-350	D-SN-P-125		S4HA01	S4HA01B		NoCal
RS-C-L2-02	324	11.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H001	S8H001B		NoCal
RS-C-L3-01	324	56.0	215.0	EP-08-250BF-350	D-SN-P-125		S4HA03	S4HA03A		NoCal
RS-C-L3-02	324	56.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H005	S8H005A		NoCal
RS-C-L7-01	324	308.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H028	S4H028A		NoCal
RS-C-L7-02	324	308.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H029	S8H029B		NoCal
RS-C-L8-01	324	361.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H028	S4H028B		NoCal
RS-C-L8-02	324	361.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H029	S8H029C		NoCal
RS-C-L9-01	324	423.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H028	S4H028C		NoCal
RS-C-L9-02	324	423.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H028	S8H028A		NoCal
RS-C-L10-01	324	504.0	199.0	EP-08-250BF-350	D-SN-P-125		D3H027	D3H027B		NoCal
RS-C-L10-02	324	504.0	207.0	EP-08-250BF-350	D-SN-P-126		D6H027	D6H027B		NoCal
RS-C-L11-01	324	573.0	153.0	EP-08-250BF-350	D-SN-P-125		D3H048	D3H048C		NoCal
RS-C-L11-02	324	573.0	163.0	EP-08-250BF-350	D-SN-P-126		D6H048	D6H048C		NoCal
RS-C-L12-01	324	619.0	85.0	EP-08-250BF-350	D-SN-P-125		D3H070	D3H070B		NoCal
RS-C-L12-02	324	619.0	92.0	EP-08-250BF-350	D-SN-P-126		D6H070	D6H070B		NoCal
RS-C-C5-01	44	149.0	215.0	EP-08-250BF-350	D-SN-P-125		S4PH018	S4PH018A	(A/L	NoCal
RS-C-C5-02	44	149.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H016	S8H016B	hoop	NoCal
RS-C-C5-03	44	184.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H013	S4H013A	bars)	NoCal
RS-C-C5-04	44	184.0	223.0	EP-08-250BF-350	D-SN-P-126		S8HA16	S8HA16A		NoCal
RS-C-C5-05	44	211.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H013	S4H013B		NoCal
RS-C-C5-06	44	211.0	223.0	EP-08-250BF-350	D-SN-P-126		S8HA15	S8HA15A		NoCal
RS-C-C5-07	52	126.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H003	S4H003C		NoCal
RS-C-C5-08	52	126.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H017	S8H017A		NoCal
RS-C-C5-09	62	126.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H003	S4H003C		NoCal
RS-C-C5-10	62	126.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H017	S8H017A		NoCal
RS-C-C5-11	72	126.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H003	S4H003C		NoCal
RS-C-C5-12	72	126.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H017	S8H017A		NoCal
RS-C-C5-13	52	232.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H025	S4H025A		NoCal
RS-C-C5-14	52	232.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H013	S8H013A		NoCal
RS-C-C5-15	62	232.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H025	S4H025A		NoCal
RS-C-C5-16	62	232.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H013	S8H013A		NoCal
RS-C-C5-17	72	232.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H025	S4H025A		NoCal
RS-C-C5-18	72	232.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H013	S8H013A		NoCal
RS-C-C5-19	80	149.0	215.0	EP-08-250BF-350	D-SN-P-125		S4PH018	S4PH018A		NoCal
RS-C-C5-20	80	149.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H019	S8H019A		NoCal
RS-C-C5-21	80	184.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H015	S4H015A		NoCal
RS-C-C5-22	80	184.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H019	S8H019B		NoCal
RS-C-C5-23	80	211.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H015	S4H015B		NoCal
RS-C-C5-24	80	211.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H019	S8H019C		NoCal
RS-C-K5-01	299	131.0	215.0	EP-08-250BF-350	D-SN-P-125		S4PH006	S4PH006A	(E/H	NoCal
RS-C-K5-02	299	131.0	223.0	EP-08-250BF-350	D-SN-P-126		S8PH002	S8PH002A	hoop	NoCal
RS-C-K5-03	299	184.0	215.0	EP-08-250BF-350	D-SN-P-125		P5H016	P5H016A	bars)	NoCal
RS-C-K5-04	299	184.0	223.0	EP-08-250BF-350	D-SN-P-126		P5H016	P5H016A		NoCal
RS-C-K5-05	299	237.0	215.0	EP-08-250BF-350	D-SN-P-125		S4PH008	S4PH008A		NoCal
RS-C-K5-06	299	237.0	223.0	EP-08-250BF-350	D-SN-P-126		S8PH005	S8PH005A		NoCal
RS-C-L4-01	308	79.0	215.0	EP-08-250BF-350	D-SN-P-125		S4HA02	S4HA02A		NoCal
RS-C-L4-02	308	79.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H007	S8H007A		NoCal
RS-C-L4-03	324	79.0	215.0	EP-08-250BF-350	D-SN-P-125		S4HA02	S4HA02A		NoCal
RS-C-L4-04	324	79.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H007	S8H007A		NoCal
RS-C-L4-05	340	79.0	215.0	EP-08-250BF-350	D-SN-P-125		S4HA02	S4HA02A		NoCal

## Rebar Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
RS-C-L4-06	340	79.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H007	S8H007A		NoCal
RS-C-L6-01	308	289.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H030	S4H030A		NoCal
RS-C-L6-02	308	289.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H029	S8H029A		NoCal
RS-C-L6-03	324	289.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H030	S4H030A		NoCal
RS-C-L6-04	324	289.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H029	S8H029A		NoCal
RS-C-L6-05	340	289.0	215.0	EP-08-250BF-350	D-SN-P-125		S4H030	S4H030A		NoCal
RS-C-L6-06	340	289.0	223.0	EP-08-250BF-350	D-SN-P-126		S8H029	S8H029A		NoCal
RS-C-A5-03	349	131.0	215.0	EP-08-250BF-350	D-SN-P-125		S4PH006	S4PH006A		NoCal
RS-C-A5-04	349	131.0	223.0	EP-08-250BF-350	D-SN-P-126		S8PH002	S8PH002A		NoCal
RS-C-A5-05	349	184.0	215.0	EP-08-250BF-350	D-SN-P-125		P5HA16	P5HA16A		NoCal
RS-C-A5-06	349	184.0	223.0	EP-08-250BF-350	D-SN-P-126		P5HA16	P5HA16A		NoCal
RS-C-A5-07	349	237.0	215.0	EP-08-250BF-350	D-SN-P-125		S4PH008	S4PH008A		NoCal
RS-C-A5-08	349	237.0	223.0	EP-08-250BF-350	D-SN-P-126		S8PH005	S8PH005A		NoCal
RS-R-A1-01	0	3.5	218.0	EP-08-250BF-350	D-SN-P-126		S10R002	S10R002A	(radial	NoCal
RS-R-A1-02	0	8.0	218.0	EP-08-250BF-350	D-SN-P-126		S10R002	S10R002B	shear	NoCal
RS-R-A2-01	0	12.5	218.0	EP-08-250BF-350	D-SN-P-126		S10R002	S10R002C	ties)	NoCal
RS-R-A2-02	0	17.0	218.0	EP-08-250BF-350	D-SN-P-126		S10R002	S10R002D		NoCal
RS-R-A5-01	0	184.0	218.0	EP-08-062AQ-350	D-SN-P-126		S10R001	S10R001A		NoCal
RS-R-A9-01	0	423.0	218.0	EP-08-062AQ-350	D-SN-P-126		S10R001	S10R001B		NoCal
RS-R-D1-01	90	3.5	222.0	EP-08-250BF-350	D-SN-P-126		SB5R001	SB5R001A		NoCal
RS-R-D1-02	90	8.0	222.0	EP-08-250BF-350	D-SN-P-126		SB5R001	SB5R001B		NoCal
RS-R-D2-01	90	12.5	222.0	EP-08-250BF-350	D-SN-P-126		SB5R001	SB5R001C		NoCal
RS-R-D2-02	90	17.0	222.0	EP-08-250BF-350	D-SN-P-126		SB5R001	SB5R001D		NoCal
RS-R-D5-01	90	184.0	222.0	EP-08-062AQ-350	D-SN-P-126		SB5U01A	SB5U01AA		NoCal
RS-R-D7-01	90	304.0	222.0	EP-08-062AQ-350	D-SN-P-126		SB5U01A	SB5U01AB		NoCal
RS-R-D9-01	90	423.0	222.0	EP-08-062AQ-350	D-SN-P-126		SB5U01A	SB5U01AC		NoCal
RS-R-D10-01	90	504.0	206.0	EP-08-062AQ-350	D-SN-P-126		DB1U05A	DB1U05AA		NoCal
RS-R-Z1-01	135	3.5	218.0	EP-08-250BF-350	D-SN-P-126		S9R002	S9R002A		NoCal
RS-R-Z1-02	135	8.0	218.0	EP-08-250BF-350	D-SN-P-126		S9R002	S9R002B		NoCal
RS-R-Z2-01	135	12.5	218.0	EP-08-250BF-350	D-SN-P-126		S9R002	S9R002C		NoCal
RS-R-Z2-02	135	17.0	218.0	EP-08-250BF-350	D-SN-P-126		S9R002	S9R002D		NoCal
RS-R-Z5-01	135	184.0	218.0	EP-08-062AQ-350	D-SN-P-126		S9R001	S9R001A		NoCal
RS-R-Z9-01	135	423.0	218.0	EP-08-062AQ-350	D-SN-P-126		S9R001	S9R001B		NoCal
RS-R-J2-01	270	12.5	222.0	EP-08-250BF-350	D-SN-P-126		SB5R001	SB5R001E		NoCal
RS-R-J5-01	270	184.0	222.0	EP-08-062AQ-350	D-SN-P-126		SB5U02A	SB5U02AA		NoCal
RS-R-J9-01	270	423.0	222.0	EP-08-062AQ-350	D-SN-P-126		SB5U02A	SB5U02AB		NoCal
RS-R-L2-01	324	12.5	218.0	EP-08-250BF-350	D-SN-P-126		S10R002	S10R002E		NoCal
RS-R-L9-01	324	423.0	218.0	EP-08-062AQ-350	D-SN-P-126		S10R001	S10R001C		NoCal
RS-R-C5-01	44	184.0	218.0	EP-08-062AQ-350	D-SN-P-126		S10R001	S10R001D		NoCal
RS-R-C5-02	62	125.0	218.0	EP-08-062AQ-350	D-SN-P-126		S10R001	S10R001E		NoCal
RS-R-C5-03	62	230.0	218.0	EP-08-062AQ-350	D-SN-P-126		S10R001	S10R001F		NoCal
RS-R-C5-04	80	184.0	218.0	EP-08-062AQ-350	D-SN-P-126		S10R001	S10R001G		NoCal
RS-R-K5-01	299	184.0	218.0	EP-08-062AQ-350	D-SN-P-126		S10R001	S10R001H		NoCal
RS-R-L4-01	324	79.0	218.0	EP-08-062AQ-350	D-SN-P-126		S10R001	S10R001I		NoCal
RS-R-L6-01	324	289.0	218.0	EP-08-062AQ-350	D-SN-P-126		S10R001	S10R001J		NoCal
RS-R-A5-02	349	184.0	218.0	EP-08-062AQ-350	D-SN-P-126		S10R001	S10R001K		NoCal

NoCal - No calibration was performed on this instrument before or after model testing

## Liner Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
ID	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)			D-SN-P-				
LSI-C-A2-01	0	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-12C	1-12C	(Free	NoCal
LSI-M-A2-01	0	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-12C	1-12C	Field	NoCal
LSI-C-A5-01	0	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-12C	3-12C	Inside	NoCal
LSI-M-A5-01	0	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-12C	3-12C	Gages)	NoCal
LSI-C-B2-01	30	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-12C	1-12C		NoCal
LSI-M-B2-01	30	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-12C	1-12C		NoCal
LSI-C-B5-01	30	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-12C	3-12C		NoCal
LSI-M-B5-01	30	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-12C	3-12C		NoCal
LSI-C-B7-01	30	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-11B	4-11B		NoCal
LSI-M-B7-01	30	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-11B	4-11B		NoCal
LSI-C-B9-01	30	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-1A	5-1A		NoCal
LSI-M-B9-01	30	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-1A	5-1A		NoCal
LSI-C-D2-01	88.9	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-3C	1-3C		NoCal
LSI-M-D2-01	88.9	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-3C	1-3C		NoCal
LSI-C-D2-02	89.6	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-3C	1-3C		NoCal
LSI-M-D2-02	89.6	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-3C	1-3C		NoCal
LSI-C-D3-01	90	55.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-3B	1-3B		NoCal
LSI-M-D3-01	90	55.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-3B	1-3B		NoCal
LSI-C-D4-01	90	103.5	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	2-3C	2-3C		NoCal
LSI-M-D4-01	90	103.5	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	2-3C	2-3C		NoCal
LSI-C-D5-01	90	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-4C	3-4C		NoCal
LSI-M-D5-01	90	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-4C	3-4C		NoCal
LSI-C-D6-01	90	241.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-4B	3-4B		NoCal
LSI-M-D6-01	90	241.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-4B	3-4B		NoCal
LSI-C-D7-01	90	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-3B	4-3B		NoCal
LSI-M-D7-01	90	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-3B	4-3B		NoCal
LSI-C-D8-01	90	363.4	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-4B	5-4B		NoCal
LSI-M-D8-01	90	363.4	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-4B	5-4B		NoCal
LSI-C-D9-01	90	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-4B	5-4B		NoCal
LSI-M-D9-01	90	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-4B	5-4B		NoCal
LSI-C-D10-01	90	504.2	195.5	EP-08-250BF-350	D-SN-P-130	206/(2)	7-3C	7-3C		NoCal
LSI-M-D10-01	90	504.2	195.5	EP-08-250BF-350	D-SN-P-130	206/(2)	7-3C	7-3C		NoCal
LSI-C-D11-01	90	572.9	149.6	EP-08-250BF-350	D-SN-P-130	206/(2)	8-3C	8-3C		NoCal
LSI-M-D11-01	90	572.9	149.6	EP-08-250BF-350	D-SN-P-130	206/(2)	8-3C	8-3C		NoCal
LSI-C-D12-01	90	618.7	81.0	EP-08-250BF-350	D-SN-P-130	206/(2)	9-2B	9-2B		NoCal
LSI-M-D12-01	90	618.7	81.0	EP-08-250BF-350	D-SN-P-130	206/(2)	9-2B	9-2B		NoCal
LSI-C-E5-01	120	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-5C	3-5C		NoCal
LSI-M-E5-01	120	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-5C	3-5C		NoCal
LSI-C-Z2-01	129.5	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-4C	1-4C		NoCal
LSI-M-Z2-01	129.5	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-4C	1-4C		NoCal
LSI-C-Z2-02	130.4	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-4C	1-4C		NoCal
LSI-M-Z2-02	130.4	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-4C	1-4C		NoCal
LSI-C-Z3-01	135	55.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-4B	1-4B		NoCal
LSI-M-Z3-01	135	55.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-4B	1-4B		NoCal
LSI-C-Z4-01	135	103.5	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	2-5C	2-5C		NoCal
LSI-M-Z4-01	135	103.5	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	2-5C	2-5C		NoCal
LSI-C-Z5-01	135	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-5C	3-5C		NoCal
LSI-M-Z5-01	135	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-5C	3-5C		NoCal
LSI-C-Z6-01	135	241.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-5B	3-5B		NoCal
LSI-M-Z6-01	135	241.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-5B	3-5B		NoCal
LSI-C-Z7-01	135	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-5B	4-5B		NoCal
LSI-M-Z7-01	135	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-5B	4-5B		NoCal
LSI-C-Z8-01	135	363.4	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-6B	5-6B		NoCal
LSI-M-Z8-01	135	363.4	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-6B	5-6B		NoCal
LSI-C-Z9-01	135	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-6B	5-6B		NoCal
LSI-M-Z9-01	135	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-6B	5-6B		NoCal
LSI-C-Z10-01	135	504.2	195.5	EP-08-250BF-350	D-SN-P-130	206/(2)	7-4C	7-4C		NoCal

## Liner Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
ID	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)			D-SN-P-				
LSI-M-Z10-01	135	504.2	195.5	EP-08-250BF-350	D-SN-P-130	206/(2)	7-4C	7-4C		NoCal
LSI-C-Z11-01	135	572.9	149.6	EP-08-250BF-350	D-SN-P-130	206/(2)	8-4B	8-4B		NoCal
LSI-M-Z11-01	135	572.9	149.6	EP-08-250BF-350	D-SN-P-130	206/(2)	8-4B	8-4B		NoCal
LSI-C-Z12-01	135	618.7	81.0	EP-08-250BF-350	D-SN-P-130	206/(2)	9-3A	9-3A		NoCal
LSI-M-Z12-01	135	618.7	81.0	EP-08-250BF-350	D-SN-P-130	206/(2)	9-3A	9-3A		NoCal
LSI-C-Z13-01	135	634.8	0.0	EP-08-250BF-350	D-SN-P-130	206/(2)	10-1B	10-1B		NoCal
LSI-M-Z13-01	135	634.8	0.0	EP-08-250BF-350	D-SN-P-130	206/(2)	10-1B	10-1B		NoCal
LSI-C-F5-01	150	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-6C	3-6C		NoCal
LSI-M-F5-01	150	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-6C	3-6C		NoCal
LSI-C-G2-01	180	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-6C	1-6C		NoCal
LSI-M-G2-01	180	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-6C	1-6C		NoCal
LSI-C-G5-01	180	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-7C	3-7C		NoCal
LSI-M-G5-01	180	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-7C	3-7C		NoCal
LSI-C-G6-01	180	241.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-7C	3-7C		NoCal
LSI-M-G6-01	180	241.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-7C	3-7C		NoCal
LSI-C-G7-01	180	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-6B	4-6B		NoCal
LSI-M-G7-01	180	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-6B	4-6B		NoCal
LSI-C-G9-01	180	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-8B	5-8B		NoCal
LSI-M-G9-01	180	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-8B	5-8B		NoCal
LSI-C-H5-01	210	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-8C	3-8C		NoCal
LSI-M-H5-01	210	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-8C	3-8C		NoCal
LSI-C-I2-01	239.4	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-8C	1-8C		NoCal
LSI-M-I2-01	239.4	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-8C	1-8C		NoCal
LSI-C-I5-01	240	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-9C	3-9C		NoCal
LSI-M-I5-01	240	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-9C	3-9C		NoCal
LSI-C-I7-01	240	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-8B	4-8B		NoCal
LSI-M-I7-01	240	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-8B	4-8B		NoCal
LSI-C-I9-01	240	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-10B	5-10B		NoCal
LSI-M-I9-01	240	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-10B	5-10B		NoCal
LSI-C-I11-01	240	572.9	149.6	EP-08-250BF-350	D-SN-P-130	206/(2)	8-4D	8-4D		NoCal
LSI-M-I11-01	240	572.9	149.6	EP-08-250BF-350	D-SN-P-130	206/(2)	8-4D	8-4D		NoCal
LSI-C-J2-01	270	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-9C	1-9C		NoCal
LSI-M-J2-01	270	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-9C	1-9C		NoCal
LSI-C-J4-01	270	103.5	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	2-9C	2-9C		NoCal
LSI-M-J4-01	270	103.5	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	2-9C	2-9C		NoCal
LSI-C-J5-01	270	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-9C	3-9C		NoCal
LSI-M-J5-01	270	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-9C	3-9C		NoCal
LSI-C-J7-01	270	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-9B	4-9B		NoCal
LSI-M-J7-01	270	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-9B	4-9B		NoCal
LSI-C-J9-01	270	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-11A	5-11A		NoCal
LSI-M-J9-01	270	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-11A	5-11A		NoCal
LSI-C-K5-01	300	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-10C	3-10C		NoCal
LSI-M-K5-01	300	187.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-10C	3-10C		NoCal
LSI-C-L2-01	324.6	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-11C	1-11C		NoCal
LSI-M-L2-01	324.6	9.8	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-11C	1-11C		NoCal
LSI-C-L3-01	324	55.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-11B	1-11B		NoCal
LSI-M-L3-01	324	55.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	1-11B	1-11B		NoCal
LSI-C-L4-01	324	103.5	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	2-11D	2-11D		NoCal
LSI-M-L4-01	324	103.5	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	2-11D	2-11D		NoCal
LSI-C-L6-01	324	241.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-11B	3-11B		NoCal
LSI-M-L6-01	324	241.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-11B	3-11B		NoCal
LSI-C-L7-01	324	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-10B	4-10B		NoCal
LSI-M-L7-01	324	303.1	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	4-10B	4-10B		NoCal
LSI-C-L8-01	324	363.4	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-13B	5-13B		NoCal
LSI-M-L8-01	324	363.4	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-13B	5-13B		NoCal
LSI-C-L9-01	324	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-13B	5-13B		NoCal
LSI-M-L9-01	324	422.2	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	5-13B	5-13B		NoCal
LSI-C-L10-01	324	504.2	195.5	EP-08-250BF-350	D-SN-P-130	206/(2)	7-9B	7-9B		NoCal

## Liner Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
ID	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)			D-SN-P-				
LSI-M-L10-01	324	504.2	195.5	EP-08-250BF-350	D-SN-P-130	206/(2)	7-9B	7-9B		NoCal
LSI-C-L11-01	324	572.9	149.6	EP-08-250BF-350	D-SN-P-130	206/(2)	8-9A	8-9A		NoCal
LSI-M-L11-01	324	572.9	149.6	EP-08-250BF-350	D-SN-P-130	206/(2)	8-9A	8-9A		NoCal
LSI-C-L12-01	324	618.7	81.0	EP-08-250BF-350	D-SN-P-130	206/(2)	9-6B	9-6B		NoCal
LSI-M-L12-01	324	618.7	81.0	EP-08-250BF-350	D-SN-P-130	206/(2)	9-6B	9-6B		NoCal
LSI-C-D5-02	76.8	168.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	2-3A	2-3A	(Extra	NoCal
LSI-C-D5-03	78.4	168.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	2-3A	2-3A	Hoop	NoCal
LSI-C-D5-04	80	168.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	2-3A	2-3A	gages)	NoCal
LSI-C-J5-02	286	200.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-10B	3-10B		NoCal
LSI-C-J5-03	288.5	200.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-10B	3-10B		NoCal
LSI-C-J5-04	291	200.0	211.6	EP-08-250BF-350	D-SN-P-130	206/(2)	3-10B	3-10B		NoCal
LSA-M-D3-01	90	53.1	212.0	EP-08-250BF-350	D-SN-P-129	206/(1)	1-3B	1-3B	(Free	NoCal
LSA-M-D5-01	90	194.9	212.0	EP-08-250BF-350	D-SN-P-129	206/(1)	3-4C	3-4C	Field	NoCal
LSA-M-D7-01	90	301.2	212.0	EP-08-250BF-350	D-SN-P-129	206/(1)	4-3B	4-3B	Anchor	NoCal
LSA-M-D9-01	90	411.4	212.0	EP-08-250BF-350	D-SN-P-129	206/(1)	5-4B	5-4B	Gages)	NoCal
LSA-M-Z3-01	129	53.1	212.0	EP-08-250BF-350	D-SN-P-129	206/(1)	1-4B	1-4B		NoCal
LSA-M-Z5-01	128	194.9	212.0	EP-08-250BF-350	D-SN-P-129	206/(1)	3-5C	3-5C		NoCal
LSA-M-Z7-01	138	301.2	212.0	EP-08-250BF-350	D-SN-P-129	206/(1)	4-5B	4-5B		NoCal
LSA-M-Z9-01	129	411.4	212.0	EP-08-250BF-350	D-SN-P-129	206/(1)	5-6B	5-6B		NoCal
LSA-M-J5-01	268	194.9	212.0	EP-08-250BF-350	D-SN-P-129	206/(1)	3-9C	3-9C		NoCal
LSA-M-L3-01	325	53.1	212.0	EP-08-250BF-350	D-SN-P-129	206/(1)	1-11B	1-11B		NoCal
LSA-M-L7-01	325	301.2	212.0	EP-08-250BF-350	D-SN-P-129	206/(1)	4-10B	4-10B		NoCal
LSA-M-L9-01	325	411.4	212.0	EP-08-250BF-350	D-SN-P-129	206/(1)	5-13B	5-13B		NoCal
LSO-C-A7-01	1.8	305.3	211.7	EP-08-125AC-350	D-SN-P-129	209/(a.1)	4-1B	4-1B	(Vert.	NoCal
LRS-R-A7-1r	1.7	305.1	212.0	EP-08-125RA-120	D-SN-P-129	209/(a.1)	4-1B	4-1B	Weld)	NoCal
LRS-R-A7-1d	1.7	305.1	212.0	EP-08-125RA-120	D-SN-P-129	209/(a.1)	4-1B	4-1B		NoCal
LRS-R-A7-1h	1.7	305.1	212.0	EP-08-125RA-120	D-SN-P-129	209/(a.1)	4-1B	4-1B		NoCal
LSI-C-Z5-02	137.3	216.2	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.2)	3-6B	3-6B		NoCal
LSI-C-Z5-03	137.4	216.2	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.2)	3-6B	3-6B		NoCal
LSI-C-Z5-04	137.5	216.2	211.6	EP-08-125MW-120	D-SN-P-130	209/(a.2)	3-6B	3-6B		NoCal
LSI-C-Z5-05	137.6	216.2	211.6	EP-08-125MW-120	D-SN-P-130	209/(a.2)	3-6B	3-6B		NoCal
LSI-C-Z5-06	137.8	216.2	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.2)	3-6B	3-6B		NoCal
LSI-M-Z5-03	137.6	216.4	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.2)	3-6B	3-6B		NoCal
LSO-C-Z5-01	137.5	216.2	211.7	EP-08-125AC-350	D-SN-P-129	209/(a.2)	3-6B	3-6B		NoCal
LRS-R-Z5-1r	137.4	216.0	212.0	EP-08-125RA-120	D-SN-P-129	209/(a.2)	3-6B	3-6B		NoCal
LRS-R-Z5-1d	137.4	216.0	212.0	EP-08-125RA-120	D-SN-P-129	209/(a.2)	3-6B	3-6B		NoCal
LRS-R-Z5-1h	137.4	216.0	212.0	EP-08-125RA-120	D-SN-P-129	209/(a.2)	3-6B	3-6B		NoCal
LSI-C-Z6-02	137.3	229.7	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.3)	3-6B	3-6B		NoCal
LSI-C-Z6-03	137.4	229.7	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.3)	3-6B	3-6B		NoCal
LSI-C-Z6-04	137.5	229.7	211.6	EP-08-125MW-120	D-SN-P-130	209/(a.3)	3-6B	3-6B		NoCal
LSI-C-Z6-05	137.6	229.7	211.6	EP-08-125MW-120	D-SN-P-130	209/(a.3)	3-6B	3-6B		NoCal
LSI-C-Z6-06	137.8	229.7	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.3)	3-6B	3-6B		NoCal
LSI-M-Z6-03	137.6	229.9	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.3)	3-6B	3-6B		NoCal
LSO-C-Z6-01	137.5	229.7	211.7	EP-08-125AC-350	D-SN-P-129	209/(a.3)	3-6B	3-6B		NoCal
LSI-C-D7-02	95.6	305.3	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.4)	4-3B	4-3B		NoCal
LSI-C-D7-03	95.7	305.3	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.4)	4-3B	4-3B		NoCal
LSI-C-D7-04	95.8	305.3	211.6	EP-08-125MW-120	D-SN-P-130	209/(a.4)	4-3B	4-3B		NoCal
LSI-C-D7-05	95.9	305.3	211.6	EP-08-125MW-120	D-SN-P-130	209/(a.4)	4-3B	4-3B		NoCal
LSI-C-D7-06	96.1	305.3	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.4)	4-3B	4-3B		NoCal
LSI-M-D7-03	95.9	305.5	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.4)	4-3B	4-3B		NoCal
LSO-C-D7-01	95.8	305.3	211.7	EP-08-125AC-350	D-SN-P-129	209/(a.4)	4-3B	4-3B		NoCal
LRS-R-D7-1r	95.7	305.1	212.0	EP-08-125RA-120	D-SN-P-129	209/(a.4)	4-3B	4-3B		NoCal

## Liner Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
ID	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)			D-SN-P-				
LRS-R-D7-1d	95.7	305.1	212.0	EP-08-125RA-120	D-SN-P-129	209/(a.4)	4-3B	4-3B		NoCal
LRS-R-D7-1h	95.7	305.1	212.0	EP-08-125RA-120	D-SN-P-129	209/(a.4)	4-3B	4-3B		NoCal
LSI-C-D7-07	95.6	291.5	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.5)	4-3B	4-3B		NoCal
LSI-C-D7-08	95.7	291.5	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.5)	4-3B	4-3B		NoCal
LSI-C-D7-09	95.8	291.5	211.6	EP-08-125MW-120	D-SN-P-130	209/(a.5)	4-3B	4-3B		NoCal
LSI-C-D7-10	95.9	291.5	211.6	EP-08-125MW-120	D-SN-P-130	209/(a.5)	4-3B	4-3B		NoCal
LSI-C-D7-11	96.1	291.5	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.5)	4-3B	4-3B		NoCal
LSI-M-D7-05	95.9	291.7	211.6	EP-08-125AC-350	D-SN-P-130	209/(a.5)	4-3B	4-3B		NoCal
LSO-C-D7-02	95.8	291.5	211.7	EP-08-125AC-350	D-SN-P-129	209/(a.5)	4-3B	4-3B		NoCal
LSI-C-Z9-02	128.7	422.8	211.6	EP-08-125AC-350	D-SN-P-130	209/(b.1)	5-6B	5-6B	(Horiz.	NoCal
LSI-C-Z9-03	128.7	422.3	211.6	EP-08-125AC-350	D-SN-P-130	209/(b.1)	5-6B	5-6B	Weld)	NoCal
LSI-M-Z9-02	128.8	422.8	211.6	EP-08-125AC-350	D-SN-P-130	209/(b.1)	5-6B	5-6B		NoCal
LSI-M-Z9-04	128.8	422.3	211.6	EP-08-125AC-350	D-SN-P-130	209/(b.1)	5-6B	5-6B		NoCal
LSI-C-Z5-07	128.7	151.9	211.6	EP-08-125AC-350	D-SN-P-130	209/(b.2)	2-4B	2-4B		NoCal
LSI-C-Z5-08	128.7	151.4	211.6	EP-08-125AC-350	D-SN-P-130	209/(b.2)	2-4B	2-4B		NoCal
LSI-M-Z5-04	128.8	151.9	211.6	EP-08-125AC-350	D-SN-P-130	209/(b.2)	2-4B	2-4B		NoCal
LSI-M-Z5-06	128.8	151.4	211.6	EP-08-125AC-350	D-SN-P-130	209/(b.2)	2-4B	2-4B		NoCal
LSI-C-A1-01	0.1	0.4	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.1)	1-12C	1-12C	(Basemat	NoCal
LSI-C-A1-02	0.1	1.2	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.1)	1-12C	1-12C	Liner	NoCal
LSI-M-A1-01	0	0.4	211.6	EP-08-125MW-120	D-SN-P-130	208/(c.1)	1-12C	1-12C	Conn.)	NoCal
LSI-M-A1-02	0	0.5	211.6	EP-08-125MW-120	D-SN-P-130	208/(c.1)	1-12C	1-12C		NoCal
LSI-M-A1-03	0	0.8	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.1)	1-12C	1-12C		NoCal
LSI-M-A1-04	0	1.2	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.1)	1-12C	1-12C		NoCal
LSI-M-A1-05	0	2.0	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.1)	1-12C	1-12C		NoCal
LSI-M-A1-06	0	3.1	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.1)	1-12C	1-12C		NoCal
LSO-M-A1-01	0	-0.7	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.1)	1-12C	1-12C		NoCal
LSO-M-A1-02	0	-0.2	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.1)	1-12C	1-12C		NoCal
LSO-M-A1-03	0	0.4	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.1)	1-12C	1-12C		NoCal
LSO-M-A1-04	0	0.5	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.1)	1-12C	1-12C		NoCal
LSI-C-A1-03	0.1	0.0	210.0	EP-08-125AC-350	D-SN-P-130	208/(c.1)	1-12C	1-12C		NoCal
LSI-C-A1-04	0.1	0.0	207.7	EP-08-125AC-350	D-SN-P-130	208/(c.1)	1-12C	1-12C		NoCal
LSI-R-A1-01	0	0.0	211.2	EP-08-125AC-350	D-SN-P-130	208/(c.1)	1-12C	1-12C		NoCal
LSI-R-A1-02	0	0.0	210.0	EP-08-125AC-350	D-SN-P-130	208/(c.1)	1-12C	1-12C		NoCal
LSI-R-A1-03	0	0.0	209.6	EP-08-125AC-350	D-SN-P-130	208/(c.1)	1-12C	1-12C		NoCal
LSI-R-A1-04	0	0.0	207.7	EP-08-125AC-350	D-SN-P-130	208/(c.1)	1-12C	1-12C		NoCal
LSI-C-D1-01	89.7	0.4	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.2)	1-3C	1-3C		NoCal
LSI-C-D1-02	89.7	1.2	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.2)	1-3C	1-3C		NoCal
LSI-M-D1-01	89.6	0.4	211.6	EP-08-125MW-120	D-SN-P-130	208/(c.2)	1-3C	1-3C		NoCal
LSI-M-D1-02	89.6	0.5	211.6	EP-08-125MW-120	D-SN-P-130	208/(c.2)	1-3C	1-3C		NoCal
LSI-M-D1-03	89.6	0.8	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.2)	1-3C	1-3C		NoCal
LSI-M-D1-04	89.6	1.2	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.2)	1-3C	1-3C		NoCal
LSI-M-D1-05	89.6	2.0	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.2)	1-3C	1-3C		NoCal
LSI-M-D1-06	89.6	3.1	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.2)	1-3C	1-3C		NoCal
LSO-M-D1-01	89.6	-0.7	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.2)	1-3C	1-3C		NoCal
LSO-M-D1-02	89.6	-0.2	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.2)	1-3C	1-3C		NoCal
LSO-M-D1-03	89.6	0.4	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.2)	1-3C	1-3C		NoCal
LSO-M-D1-04	89.6	0.5	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.2)	1-3C	1-3C		NoCal
LSI-C-D1-03	89	0.4	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.3)	1-3C	1-3C		NoCal
LSI-C-D1-04	89	1.2	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.3)	1-3C	1-3C		NoCal
LSI-M-D1-07	88.9	0.4	211.6	EP-08-125MW-120	D-SN-P-130	207/(c.3)	1-3C	1-3C		NoCal
LSI-M-D1-08	88.9	0.5	211.6	EP-08-125MW-120	D-SN-P-130	207/(c.3)	1-3C	1-3C		NoCal
LSI-M-D1-09	88.9	0.8	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.3)	1-3C	1-3C		NoCal

## Liner Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
ID	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)			D-SN-P-				
LSI-M-D1-10	88.9	1.2	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.3)	1-3C	1-3C		NoCal
LSI-M-D1-11	88.9	2.0	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.3)	1-3C	1-3C		NoCal
LSI-M-D1-12	88.9	3.1	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.3)	1-3C	1-3C		NoCal
LSO-M-D1-05	88.9	-0.7	211.7	EP-08-125MW-120	D-SN-P-129	207/(c.3)	1-3C	1-3C		NoCal
LSO-M-D1-06	88.9	-0.2	211.7	EP-08-125MW-120	D-SN-P-129	207/(c.3)	1-3C	1-3C		NoCal
LSO-M-D1-07	88.9	0.4	211.7	EP-08-125MW-120	D-SN-P-129	207/(c.3)	1-3C	1-3C		NoCal
LSO-M-D1-08	88.9	0.5	211.7	EP-08-125MW-120	D-SN-P-129	207/(c.3)	1-3C	1-3C		NoCal
LRA-R-D1-1r	88.8	0.5	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.3)	1-3C	1-3C		NoCal
LRA-R-D1-1d	88.8	0.5	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.3)	1-3C	1-3C		NoCal
LRA-R-D1-1m	88.8	0.5	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.3)	1-3C	1-3C		NoCal
LRA-R-D1-2r	88.8	2.1	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.3)	1-3C	1-3C		NoCal
LRA-R-D1-2d	88.8	2.1	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.3)	1-3C	1-3C		NoCal
LRA-R-D1-2m	88.8	2.1	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.3)	1-3C	1-3C		NoCal
LSI-C-Z1-01	129.6	0.4	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.4)	1-4C	1-4C		NoCal
LSI-C-Z1-02	129.6	1.2	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.4)	1-4C	1-4C		NoCal
LSI-M-Z1-01	129.5	0.4	211.6	EP-08-125MW-120	D-SN-P-130	208/(c.4)	1-4C	1-4C		NoCal
LSI-M-Z1-02	129.5	0.5	211.6	EP-08-125MW-120	D-SN-P-130	208/(c.4)	1-4C	1-4C		NoCal
LSI-M-Z1-03	129.5	0.8	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.4)	1-4C	1-4C		NoCal
LSI-M-Z1-04	129.5	1.2	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.4)	1-4C	1-4C		NoCal
LSI-M-Z1-05	129.5	2.0	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.4)	1-4C	1-4C		NoCal
LSI-M-Z1-06	129.5	3.1	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.4)	1-4C	1-4C		NoCal
LSO-M-Z1-01	129.5	-0.7	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.4)	1-4C	1-4C		NoCal
LSO-M-Z1-02	129.5	-0.2	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.4)	1-4C	1-4C		NoCal
LSO-M-Z1-03	129.5	0.4	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.4)	1-4C	1-4C		NoCal
LSO-M-Z1-04	129.5	0.5	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.4)	1-4C	1-4C		NoCal
LSI-C-Z1-03	130.5	0.4	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSI-C-Z1-04	130.5	1.2	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSI-M-Z1-07	130.4	0.4	211.6	EP-08-125MW-120	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSI-M-Z1-08	130.4	0.5	211.6	EP-08-125MW-120	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSI-M-Z1-09	130.4	0.8	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSI-M-Z1-10	130.4	1.2	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSI-M-Z1-11	130.4	2.0	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSI-M-Z1-12	130.4	3.1	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSO-M-Z1-05	130.4	-0.7	211.7	EP-08-125MW-120	D-SN-P-129	207/(c.5)	1-4C	1-4C		NoCal
LSO-M-Z1-06	130.4	-0.2	211.7	EP-08-125MW-120	D-SN-P-129	207/(c.5)	1-4C	1-4C		NoCal
LSO-M-Z1-07	130.4	0.4	211.7	EP-08-125MW-120	D-SN-P-129	207/(c.5)	1-4C	1-4C		NoCal
LSO-M-Z1-08	130.4	0.5	211.7	EP-08-125MW-120	D-SN-P-129	207/(c.5)	1-4C	1-4C		NoCal
LRA-R-Z1-1r	130.3	0.5	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.5)	1-4C	1-4C		NoCal
LRA-R-Z1-1d	130.3	0.5	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.5)	1-4C	1-4C		NoCal
LRA-R-Z1-1m	130.3	0.5	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.5)	1-4C	1-4C		NoCal
LRA-R-Z1-2r	130.3	2.1	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.5)	1-4C	1-4C		NoCal
LRA-R-Z1-2d	130.3	2.1	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.5)	1-4C	1-4C		NoCal
LRA-R-Z1-2m	130.3	2.1	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.5)	1-4C	1-4C		NoCal
LSI-C-Z1-05	130.5	0.0	210.0	EP-08-125AC-350	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSI-C-Z1-06	130.5	0.0	207.7	EP-08-125AC-350	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSI-R-Z1-05	130.4	0.0	211.2	EP-08-125AC-350	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSI-R-Z1-06	130.4	0.0	210.0	EP-08-125AC-350	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSI-R-Z1-07	130.4	0.0	209.6	EP-08-125AC-350	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSI-R-Z1-08	130.4	0.0	207.7	EP-08-125AC-350	D-SN-P-130	207/(c.5)	1-4C	1-4C		NoCal
LSI-C-I1-01	239.5	0.4	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.6)	1-8C	1-8C		NoCal
LSI-C-I1-02	239.5	1.2	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.6)	1-8C	1-8C		NoCal
LSI-M-I1-01	239.4	0.4	211.6	EP-08-125MW-120	D-SN-P-130	207/(c.6)	1-8C	1-8C		NoCal
LSI-M-I1-02	239.4	0.5	211.6	EP-08-125MW-120	D-SN-P-130	207/(c.6)	1-8C	1-8C		NoCal
LSI-M-I1-03	239.4	0.8	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.6)	1-8C	1-8C		NoCal
LSI-M-I1-04	239.4	1.2	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.6)	1-8C	1-8C		NoCal



## Liner Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
ID	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)			D-SN-P-				
LSI-M-I1-05	239.4	2.0	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.6)	1-8C	1-8C		NoCal
LSI-M-I1-06	239.4	3.1	211.6	EP-08-125AC-350	D-SN-P-130	207/(c.6)	1-8C	1-8C		NoCal
LSO-M-I1-01	239.4	-0.7	211.7	EP-08-125MW-120	D-SN-P-129	207/(c.6)	1-8C	1-8C		NoCal
LSO-M-I1-02	239.4	-0.2	211.7	EP-08-125MW-120	D-SN-P-129	207/(c.6)	1-8C	1-8C		NoCal
LSO-M-I1-03	239.4	0.4	211.7	EP-08-125MW-120	D-SN-P-129	207/(c.6)	1-8C	1-8C		NoCal
LSO-M-I1-04	239.4	0.5	211.7	EP-08-125MW-120	D-SN-P-129	207/(c.6)	1-8C	1-8C		NoCal
LRA-R-I1-1r	239.3	0.5	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.6)	1-8C	1-8C		NoCal
LRA-R-I1-1d	239.3	0.5	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.6)	1-8C	1-8C		NoCal
LRA-R-I1-1m	239.3	0.5	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.6)	1-8C	1-8C		NoCal
LRA-R-I1-2r	239.3	2.1	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.6)	1-8C	1-8C		NoCal
LRA-R-I1-2d	239.3	2.1	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.6)	1-8C	1-8C		NoCal
LRA-R-I1-2m	239.3	2.1	212.0	EP-08-125RA-120	D-SN-P-129	207/(c.6)	1-8C	1-8C		NoCal
LSI-C-L1-01	324.7	0.4	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.7)	1-11C	1-11C		NoCal
LSI-C-L1-02	324.7	1.2	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.7)	1-11C	1-11C		NoCal
LSI-M-L1-01	324.6	0.4	211.6	EP-08-125MW-120	D-SN-P-130	208/(c.7)	1-11C	1-11C		NoCal
LSI-M-L1-02	324.6	0.5	211.6	EP-08-125MW-120	D-SN-P-130	208/(c.7)	1-11C	1-11C		NoCal
LSI-M-L1-03	324.6	0.8	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.7)	1-11C	1-11C		NoCal
LSI-M-L1-04	324.6	1.2	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.7)	1-11C	1-11C		NoCal
LSI-M-L1-05	324.6	2.0	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.7)	1-11C	1-11C		NoCal
LSI-M-L1-06	324.6	3.1	211.6	EP-08-125AC-350	D-SN-P-130	208/(c.7)	1-11C	1-11C		NoCal
LSO-M-L1-01	324.6	-0.7	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.7)	1-11C	1-11C		NoCal
LSO-M-L1-02	324.6	-0.2	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.7)	1-11C	1-11C		NoCal
LSO-M-L1-03	324.6	0.4	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.7)	1-11C	1-11C		NoCal
LSO-M-L1-04	324.6	0.5	211.7	EP-08-125MW-120	D-SN-P-129	208/(c.7)	1-11C	1-11C		NoCal
LSI-C-K5-02	315.2	184.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.1)	3-11D	3-11D	(E/H	NoCal
LSI-C-K5-03	314.2	184.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.1)	3-11D	3-11D	Liner	NoCal
LSI-C-K5-04	312.8	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.1)	3-11D	3-11D	Horiz.)	NoCal
LSI-C-K5-05	312.6	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.1)	3-11D	3-11D		NoCal
LSO-C-K5-01	314.2	184.0	211.7	EP-08-125AC-350	D-SN-P-129	210/(d.1)	3-11D	3-11D		NoCal
LSA-R-K5-01	312.7	189.0	212.0	EP-08-125AC-350	D-SN-P-129	210/(d.1)	3-11D	3-11D		NoCal
LSA-R-K5-02	312.7	189.0	212.0	EP-08-125AC-350	D-SN-P-129	210/(d.1)	3-11D	3-11D		NoCal
LSI-C-K5-06	308.1	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.1)	3-11D	3-11D		NoCal
LSI-C-K5-07	307.9	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.1)	3-11D	3-11D		NoCal
LSI-C-K5-08	306.8	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.1)	3-11D	3-11D		NoCal
LSI-C-K5-09	306.6	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.1)	3-11D	3-11D		NoCal
LSI-C-K5-10	306.4	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.1)	3-11D	3-11D		NoCal
LSI-C-K5-11	306.2	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.1)	3-11D	3-11D		NoCal
LSO-C-K5-02	306.8	189.0	211.6	EP-08-125AC-350	D-SN-P-129	210/(d.1)	3-11D	3-11D		NoCal
LSO-C-K5-03	306.6	189.0	211.6	EP-08-125AC-350	D-SN-P-129	210/(d.1)	3-11D	3-11D		NoCal
LSA-R-K5-03	308	189.0	212.0	EP-08-125AC-350	D-SN-P-129	210/(d.1)	3-11D	3-11D		NoCal
LSA-R-K5-04	308	189.0	212.0	EP-08-125AC-350	D-SN-P-129	210/(d.1)	3-11D	3-11D		NoCal
LSA-R-K5-05	306.3	189.0	212.0	EP-08-125AC-350	D-SN-P-129	210/(d.1)	3-11D	3-11D		NoCal
LSA-R-K5-06	306.3	189.0	212.0	EP-08-125AC-350	D-SN-P-129	210/(d.1)	3-11D	3-11D		NoCal
LSI-C-K5-15	314.2	187.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.1)	3-11D	3-11D		NoCal
LSI-C-A5-02	332.8	184.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.2)	3-11E	3-11E		NoCal
LSI-C-A5-03	333.8	184.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.2)	3-11E	3-11E		NoCal
LSI-C-A5-04	335.2	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.2)	3-11E	3-11E		NoCal
LSI-C-A5-05	335.4	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.2)	3-11E	3-11E		NoCal
LSO-C-A5-01	333.8	184.0	211.7	EP-08-125AC-350	D-SN-P-129	210/(d.2)	3-11E	3-11E		NoCal
LSA-R-A5-01	335.3	189.0	212.0	EP-08-125AC-350	D-SN-P-129	210/(d.2)	3-11E	3-11E		NoCal
LSA-R-A5-02	335.3	189.0	212.0	EP-08-125AC-350	D-SN-P-129	210/(d.2)	3-11E	3-11E		NoCal
LSI-C-A5-06	339.9	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.2)	3-11E	3-11E		NoCal
LSI-C-A5-07	340.1	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.2)	3-11E	3-11E		NoCal
LSI-C-A5-08	341.2	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.2)	3-11E	3-11E		NoCal
LSI-C-A5-09	341.4	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.2)	3-11E	3-11E		NoCal

## Liner Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
ID	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)			D-SN-P-				
LSI-C-A5-10	341.6	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.2)	3-11E	3-11E		NoCal
LSI-C-A5-11	341.8	189.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.2)	3-11E	3-11E		NoCal
LSO-C-A5-02	341.2	189.0	211.6	EP-08-125AC-350	D-SN-P-129	210/(d.2)	3-11E	3-11E		NoCal
LSO-C-A5-03	341.4	189.0	211.6	EP-08-125AC-350	D-SN-P-129	210/(d.2)	3-11E	3-11E		NoCal
LSA-R-A5-03	340	189.0	212.0	EP-08-125AC-350	D-SN-P-129	210/(d.2)	3-11E	3-11E		NoCal
LSA-R-A5-04	340	189.0	212.0	EP-08-125AC-350	D-SN-P-129	210/(d.2)	3-11E	3-11E		NoCal
LSA-R-A5-05	341.7	189.0	212.0	EP-08-125AC-350	D-SN-P-129	210/(d.2)	3-11E	3-11E		NoCal
LSA-R-A5-06	341.7	189.0	212.0	EP-08-125AC-350	D-SN-P-129	210/(d.2)	3-11E	3-11E		NoCal
LSI-C-A5-15	333.8	187.0	211.6	EP-08-125AC-350	D-SN-P-218	210/(d.2)	3-11E	3-11E		NoCal
LSI-C-C5-02	58.3	178.1	211.6	EP-08-125AC-350	D-SN-P-219	211/(e.1)	2-2A	2-2A	(A/L	NoCal
LSI-C-C5-03	57.9	178.1	211.6	EP-08-125AC-350	D-SN-P-219	211/(e.1)	2-2A	2-2A	Liner	NoCal
LSI-C-C5-04	56.9	178.1	211.6	EP-08-125AC-350	D-SN-P-219	211/(e.1)	2-2A	2-2A	Horiz.)	NoCal
LSI-C-C5-05	56.7	178.1	211.6	EP-08-125AC-350	D-SN-P-219	211/(e.1)	2-2A	2-2A		NoCal
LSO-C-C5-01	57.9	178.1	211.7	EP-08-125AC-350	D-SN-P-129	211/(e.1)	2-2A	2-2A		NoCal
LSA-R-C5-01	56.8	178.1	212.0	EP-08-125AC-350	D-SN-P-129	211/(e.1)	2-2A	2-2A		NoCal
LSA-R-C5-02	56.8	178.1	212.0	EP-08-125AC-350	D-SN-P-129	211/(e.1)	2-2A	2-2A		NoCal
LSI-C-C5-12	65.7	178.1	211.6	EP-08-125AC-350	D-SN-P-219	211/(e.2)	2-2A	2-2A		NoCal
LSI-C-C5-13	66.1	178.1	211.6	EP-08-125AC-350	D-SN-P-219	211/(e.2)	2-2A	2-2A		NoCal
LSI-C-C5-14	66.4	178.1	211.6	EP-08-125AC-350	D-SN-P-219	211/(e.2)	2-2A	2-2A		NoCal
LSI-C-C5-15	66.6	178.1	211.6	EP-08-125AC-350	D-SN-P-219	211/(e.2)	2-2A	2-2A		NoCal
LSO-C-C5-02	66.1	178.1	211.7	EP-08-125AC-350	D-SN-P-129	211/(e.2)	2-2A	2-2A		NoCal
LSA-R-C5-04	66.5	178.1	212.0	EP-08-125AC-350	D-SN-P-129	211/(e.2)	2-2A	2-2A		NoCal
LSI-C-C5-16	72.6	178.1	211.6	EP-08-125AC-350	D-SN-P-219	211/(e.2)	2-2A	2-2A		NoCal
LSI-C-C5-17	GAGE	REMOVED								
LSI-C-C5-18	72.9	178.1	211.6	EP-08-125AC-350	D-SN-P-219	211/(e.2)	2-2A	2-2A		NoCal
LSI-C-C5-19	73.1	178.1	211.6	EP-08-125AC-350	D-SN-P-219	211/(e.2)	2-2A	2-2A		NoCal
LSI-C-C5-20	74.3	178.1	211.6	EP-08-125AC-350	D-SN-P-219	211/(e.2)	2-2A	2-2A		NoCal
LSI-C-C5-21	74.5	178.1	211.6	EP-08-125AC-350	D-SN-P-219	211/(e.2)	2-2A	2-2A		NoCal
LSI-C-F5-02	162.1	195.9	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.1)	3-7C	3-7C	(M/S &	NoCal
LSI-C-F5-03	161.4	195.9	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.1)	3-7C	3-7C	F/W	NoCal
LSI-C-F5-04	160.9	195.9	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.1)	3-7C	3-7C	Liner	NoCal
LSI-C-F5-05	160.7	195.9	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.1)	3-7C	3-7C	Horiz.)	NoCal
LSI-M-F5-02	161.4	196.0	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.1)	3-7C	3-7C		NoCal
LSI-M-F5-03	160.7	196.0	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.1)	3-7C	3-7C		NoCal
LSO-C-F5-01	161.4	195.9	211.7	EP-08-125AC-350	D-SN-P-129	212/(f.1)	3-7C	3-7C		NoCal
LSI-C-H5-02	197.5	195.9	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.2)	3-7C	3-7C		NoCal
LSI-C-H5-03	198.6	195.9	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.2)	3-7C	3-7C		NoCal
LSI-C-H5-04	199.1	195.9	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.2)	3-7C	3-7C		NoCal
LSI-C-H5-05	199.3	195.9	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.2)	3-7C	3-7C		NoCal
LSI-M-H5-02	198.6	196.0	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.2)	3-7C	3-7C		NoCal
LSI-M-H5-03	199.3	196.0	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.2)	3-7C	3-7C		NoCal
LSO-C-H5-01	198.6	195.9	211.7	EP-08-125AC-350	D-SN-P-129	212/(f.2)	3-7C	3-7C		NoCal
LSI-C-F4-01	163.8	96.5	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.3)	2-6C	2-6C		NoCal
LSI-C-F4-02	163.3	96.5	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.3)	2-6C	2-6C		NoCal
LSI-C-F4-03	162.3	96.5	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.3)	2-6C	2-6C		NoCal
LSI-C-F4-04	162.1	96.5	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.3)	2-6C	2-6C		NoCal
LSI-M-F4-01	163.3	96.6	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.3)	2-6C	2-6C		NoCal
LSI-M-F4-02	162.1	96.6	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.3)	2-6C	2-6C		NoCal
LSO-C-F4-01	163.3	96.5	211.7	EP-08-125AC-350	D-SN-P-129	212/(f.3)	2-6C	2-6C		NoCal
LSI-C-H4-01	196.2	96.5	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.4)	2-6C	2-6C		NoCal
LSI-C-H4-02	196.7	96.5	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.4)	2-6C	2-6C		NoCal
LSI-C-H4-03	197.7	96.5	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.4)	2-6C	2-6C		NoCal

## Liner Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
ID	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)			D-SN-P-				
LSI-C-H4-04	197.9	96.5	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.4)	2-6C	2-6C		NoCal
LSI-M-H4-01	196.7	96.6	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.4)	2-6C	2-6C		NoCal
LSI-M-H4-02	197.9	96.6	211.6	EP-08-125AC-350	D-SN-P-220	212/(f.4)	2-6C	2-6C		NoCal
LSO-C-H4-01	196.7	96.5	211.7	EP-08-125AC-350	D-SN-P-129	212/(f.4)	2-6C	2-6C		NoCal
LSI-C-G8-01	201.4	378.0	211.6	EP-08-125AC-350	D-SN-P-130	213/(g.1)	5-9A	5-9A	(Crane	NoCal
LSI-C-G8-02	200.9	378.0	211.6	EP-08-125AC-350	D-SN-P-130	213/(g.1)	5-9A	5-9A	Bracket	NoCal
LSI-C-G8-03	200.7	378.0	211.6	EP-08-125AC-350	D-SN-P-130	213/(g.1)	5-9A	5-9A	Liner)	NoCal
LSI-C-G8-04	200.5	378.0	211.6	EP-08-125AC-350	D-SN-P-130	213/(g.1)	5-9A	5-9A		NoCal
LSO-C-G8-01	200.9	378.0	211.7	EP-08-125AC-350	D-SN-P-129	213/(g.1)	5-9A	5-9A		NoCal
LSI-C-H8-01	218.5	378.0	211.6	EP-08-125AC-350	D-SN-P-130	213/(g.2)	5-9E	5-9E		NoCal
LSI-C-H8-02	219	378.0	211.6	EP-08-125AC-350	D-SN-P-130	213/(g.2)	5-9E	5-9E		NoCal
LSI-C-H8-03	219.9	378.0	211.6	EP-08-125AC-350	D-SN-P-130	213/(g.2)	5-9E	5-9E		NoCal
LSI-C-H8-04	220.1	378.0	211.6	EP-08-125AC-350	D-SN-P-130	213/(g.2)	5-9E	5-9E		NoCal
LSO-C-H8-01	219	378.0	211.7	EP-08-125AC-350	D-SN-P-129	213/(g.2)	5-9E	5-9E		NoCal
LSI-C-H8-05	225.3	378.0	211.6	EP-08-125AC-350	D-SN-P-130	213/(g.3)	5-9E	5-9E		NoCal
LSI-C-H8-06	224.8	378.0	211.6	EP-08-125AC-350	D-SN-P-130	213/(g.3)	5-9E	5-9E		NoCal
LSI-C-H8-07	224.6	378.0	211.6	EP-08-125AC-350	D-SN-P-130	213/(g.3)	5-9E	5-9E		NoCal
LSI-C-H8-08	224.4	378.0	211.6	EP-08-125AC-350	D-SN-P-130	213/(g.3)	5-9E	5-9E		NoCal
LSO-C-H8-02	224.8	378.0	211.7	EP-08-125AC-350	D-SN-P-129	213/(g.3)	5-9E	5-9E		NoCal
LSI-C-L4-02	324.1	95.1	211.6	EP-08-125AC-350	D-SN-P-218	213/(h.1)	2-11D	2-11D	(E/H &	NoCal
LSI-C-L4-04	324.1	96.0	211.6	EP-08-125AC-350	D-SN-P-218	213/(h.1)	2-11D	2-11D	A/L	NoCal
LSI-M-L4-02	324	95.1	211.6	EP-08-125AC-350	D-SN-P-218	213/(h.1)	2-11D	2-11D	Liner	NoCal
LSI-M-L4-03	324	95.6	211.6	EP-08-125AC-350	D-SN-P-218	213/(h.1)	2-11D	2-11D	Vert.)	NoCal
LSI-M-L4-05	324	96.0	211.6	EP-08-125AC-350	D-SN-P-218	213/(h.1)	2-11D	2-11D		NoCal
LSI-M-L4-06	324	96.6	211.6	EP-08-125AC-350	D-SN-P-218	213/(h.1)	2-11E	2-11E		NoCal
LSI-M-L4-07	324	96.9	211.6	EP-08-125AC-350	D-SN-P-218	213/(h.1)	2-11E	2-11E		NoCal
LRA-R-L4-1r	324	95.1	212.0	EP-08-125RA-120	D-SN-P-129	213/(h.1)	2-11D	2-11D		NoCal
LRA-R-L4-1d	324	95.1	212.0	EP-08-125RA-120	D-SN-P-129	213/(h.1)	2-11D	2-11D		NoCal
LRA-R-L4-1m	324	95.1	212.0	EP-08-125RA-120	D-SN-P-129	213/(h.1)	2-11D	2-11D		NoCal
LSI-C-L6-04	324.1	272.1	211.6	EP-08-125AC-350	D-SN-P-218	213/(h.2)	3-11B	3-11B		NoCal
LSI-M-L6-05	324	272.1	211.6	EP-08-125AC-350	D-SN-P-218	213/(h.2)	3-11B	3-11B		NoCal
LSI-M-L6-06	324	271.5	211.6	EP-08-125AC-350	D-SN-P-218	213/(h.2)	3-11A	3-11A		NoCal
LRA-R-L6-1r	324	273.0	212.0	EP-08-125RA-120	D-SN-P-129	213/(h.2)	3-11B	3-11B		NoCal
LRA-R-L6-1d	324	273.0	212.0	EP-08-125RA-120	D-SN-P-129	213/(h.2)	3-11B	3-11B		NoCal
LRA-R-L6-1m	324	273.0	212.0	EP-08-125RA-120	D-SN-P-129	213/(h.2)	3-11B	3-11B		NoCal
LSI-C-C4-03	61.7	140.4	211.6	EP-08-125AC-350	D-SN-P-219	213/(h.3)	2-2B	2-2B		NoCal
LSI-M-C4-04	61.6	140.4	211.6	EP-08-125AC-350	D-SN-P-219	213/(h.3)	2-2B	2-2B		NoCal
LSI-M-C4-05	61.6	141.0	211.6	EP-08-125AC-350	D-SN-P-219	213/(h.3)	2-2C	2-2C		NoCal
LRA-R-C4-1r	61.6	139.5	212.0	EP-08-125RA-120	D-SN-P-129	213/(h.3)	2-2B	2-2B		NoCal
LRA-R-C4-1d	61.6	139.5	212.0	EP-08-125RA-120	D-SN-P-129	213/(h.3)	2-2B	2-2B		NoCal
LRA-R-C4-1m	61.6	139.5	212.0	EP-08-125RA-120	D-SN-P-129	213/(h.3)	2-2B	2-2B		NoCal
LSI-C-C6-03	61.7	215.9	211.6	EP-08-125AC-350	D-SN-P-219	213/(h.4)	3-3D	3-3D		NoCal
LSI-M-C6-04	61.6	215.9	211.6	EP-08-125AC-350	D-SN-P-219	213/(h.4)	3-3D	3-3D		NoCal
LSI-M-C6-05	61.6	215.3	211.6	EP-08-125AC-350	D-SN-P-219	213/(h.4)	3-3C	3-3C		NoCal
LRA-R-C6-1r	61.6	216.8	212.0	EP-08-125RA-120	D-SN-P-129	213/(h.4)	3-3D	3-3D		NoCal
LRA-R-C6-1d	61.6	216.8	212.0	EP-08-125RA-120	D-SN-P-129	213/(h.4)	3-3D	3-3D		NoCal
LRA-R-C6-1m	61.6	216.8	212.0	EP-08-125RA-120	D-SN-P-129	213/(h.4)	3-3D	3-3D		NoCal
LSI-C-L5-03	324.1	147.3	211.6	EP-08-125AC-350	D-SN-P-218	214/(i.1)	2-11C	2-11C	(E/H &	NoCal
LSI-M-L5-02	324	148.7	211.6	EP-08-125AC-350	D-SN-P-218	214/(i.1)	2-11C	2-11C	A/L	NoCal
LSI-M-L5-03	324	147.3	211.6	EP-08-125AC-350	D-SN-P-218	214/(i.1)	2-11C	2-11C	Liner	NoCal

## Liner Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
ID	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)			D-SN-P-				
LSI-M-L5-04	324	146.9	211.6	EP-08-125AC-350	D-SN-P-218	214/(i.1)	2-11C	2-11C	Vert.)	NoCal
LSO-M-L5-01	324	149.1	211.7	EP-08-125AC-350	D-SN-P-129	214/(i.1)	2-11C	2-11C		NoCal
LSO-M-L5-02	324	148.7	211.7	EP-08-125AC-350	D-SN-P-129	214/(i.1)	2-11C	2-11C		NoCal
LRA-R-L5-1r	324	149.9	212.0	EP-08-125RA-120	D-SN-P-129	214/(i.1)	2-11C	2-11C		NoCal
LRA-R-L5-1d	324	149.9	212.0	EP-08-125RA-120	D-SN-P-129	214/(i.1)	2-11C	2-11C		NoCal
LRA-R-L5-1m	324	149.9	212.0	EP-08-125RA-120	D-SN-P-129	214/(i.1)	2-11C	2-11C		NoCal
LSI-C-L5-06	324.1	219.9	211.6	EP-08-125AC-350	D-SN-P-218	214/(i.2)	3-11C	3-11C		NoCal
LSI-M-L5-05	324	219.4	211.6	EP-08-125AC-350	D-SN-P-218	214/(i.2)	3-11C	3-11C		NoCal
LSI-M-L5-06	324	219.9	211.6	EP-08-125AC-350	D-SN-P-218	214/(i.2)	3-11C	3-11C		NoCal
LSI-M-L5-07	324	220.3	211.6	EP-08-125AC-350	D-SN-P-218	214/(i.2)	3-11C	3-11C		NoCal
LSO-M-L5-03	324	219.0	211.7	EP-08-125AC-350	D-SN-P-129	214/(i.2)	3-11C	3-11C		NoCal
LSO-M-L5-04	324	219.4	211.7	EP-08-125AC-350	D-SN-P-129	214/(i.2)	3-11C	3-11C		NoCal
LRA-R-L5-2r	324	218.2	212.0	EP-08-125RA-120	D-SN-P-129	214/(i.2)	3-11C	3-11C		NoCal
LRA-R-L5-2d	324	218.2	212.0	EP-08-125RA-120	D-SN-P-129	214/(i.2)	3-11C	3-11C		NoCal
LRA-R-L5-2m	324	218.2	212.0	EP-08-125RA-120	D-SN-P-129	214/(i.2)	3-11C	3-11C		NoCal
LSI-C-C5-23	61.7	162.9	211.6	EP-08-125AC-350	D-SN-P-219	214/(i.3)	2-2A	2-2A		NoCal
LSI-M-C5-02	62	163.3	211.6	EP-08-125AC-350	D-SN-P-219	214/(i.3)	2-2A	2-2A		NoCal
LSI-M-C5-03	61.6	162.9	211.6	EP-08-125AC-350	D-SN-P-219	214/(i.3)	2-2A	2-2A		NoCal
LSI-M-C5-04	61.6	162.5	211.6	EP-08-125AC-350	D-SN-P-219	214/(i.3)	2-2A	2-2A		NoCal
LSO-M-C5-01	62	163.7	211.7	EP-08-125AC-350	D-SN-P-129	214/(i.3)	2-2A	2-2A		NoCal
LSO-M-C5-02	62	163.3	211.7	EP-08-125AC-350	D-SN-P-129	214/(i.3)	2-2A	2-2A		NoCal
LSI-C-C5-26	61.7	193.4	211.6	EP-08-125AC-350	D-SN-P-219	214/(i.4)	3-3D	3-3D		NoCal
LSI-M-C5-05	62	193.0	211.6	EP-08-125AC-350	D-SN-P-219	214/(i.4)	3-3D	3-3D		NoCal
LSI-M-C5-06	61.6	193.4	211.6	EP-08-125AC-350	D-SN-P-219	214/(i.4)	3-3D	3-3D		NoCal
LSI-M-C5-07	61.6	193.8	211.6	EP-08-125AC-350	D-SN-P-219	214/(i.4)	3-3D	3-3D		NoCal
LSO-M-C5-03	62	192.6	211.7	EP-08-125AC-350	D-SN-P-129	214/(i.4)	3-3D	3-3D		NoCal
LSO-M-C5-04	62	193.0	211.7	EP-08-125AC-350	D-SN-P-129	214/(i.4)	3-3D	3-3D		NoCal
LSI-C-K5-12	306.8	185.2	211.6	EP-08-125AC-350	D-SN-P-218	214/(j.1)	2-10A	2-10A	(E/H	NoCal
LSI-C-K5-14	306.9	185.2	211.6	EP-08-125AC-350	D-SN-P-218	214/(j.1)	2-10A	2-10A	Liner	NoCal
LRS-R-K5-1r	307	185.0	212.0	EP-08-125RA-120	D-SN-P-129	214/(j.1)	2-10A	2-10A	Bend	NoCal
LRS-R-K5-1d	307	185.0	212.0	EP-08-125RA-120	D-SN-P-129	214/(j.1)	2-10A	2-10A	Horiz.)	NoCal
LRS-R-K5-1h	307	185.0	212.0	EP-08-125RA-120	D-SN-P-129	214/(j.1)	2-10A	2-10A		NoCal
LSI-C-A5-12	341.2	185.2	211.6	EP-08-125AC-350	D-SN-P-218	214/(j.2)	2-12A	2-12A		NoCal
LSI-C-A5-14	341.1	185.2	211.6	EP-08-125AC-350	D-SN-P-218	214/(j.2)	2-12A	2-12A		NoCal
LRS-R-A5-1r	341	185.0	212.0	EP-08-125RA-120	D-SN-P-129	214/(j.2)	2-12A	2-12A		NoCal
LRS-R-A5-1d	341	185.0	212.0	EP-08-125RA-120	D-SN-P-129	214/(j.2)	2-12A	2-12A		NoCal
LRS-R-A5-1h	341	185.0	212.0	EP-08-125RA-120	D-SN-P-129	214/(j.2)	2-12A	2-12A		NoCal
LSI-C-L5-09	314.2	178.6	211.6	EP-08-125AC-350	D-SN-P-218	215/(k.1)	2-11B	2-11B	(Anchor	NoCal
LRI-M-L5-1h	314.3	178.6	211.6	EP-08-125RA-120	D-SN-P-218	215/(k.1)	2-11B	2-11B	Ends	NoCal
LRI-M-L5-1d	314.3	178.6	211.6	EP-08-125RA-120	D-SN-P-218	215/(k.1)	2-11B	2-11B	near	NoCal
LRI-M-L5-1m	314.3	178.6	211.6	EP-08-125RA-120	D-SN-P-218	215/(k.1)	2-11B	2-11B	Plate)	NoCal
LSI-C-L5-11	333.8	189.4	211.6	EP-08-125AC-350	D-SN-P-218	215/(k.2)	3-11E	3-11E		NoCal
LRI-M-L5-2h	333.7	189.4	211.6	EP-08-125RA-120	D-SN-P-218	215/(k.2)	3-11E	3-11E		NoCal
LRI-M-L5-2d	333.7	189.4	211.6	EP-08-125RA-120	D-SN-P-218	215/(k.2)	3-11E	3-11E		NoCal
LRI-M-L5-2m	333.7	189.4	211.6	EP-08-125RA-120	D-SN-P-218	215/(k.2)	3-11E	3-11E		NoCal
LSI-C-C5-29	58.3	185.8	211.6	EP-08-125AC-350	D-SN-P-219	215/(k.3)	2-2A	2-2A		NoCal
LRI-M-C5-1h	58.4	185.8	211.6	EP-08-125RA-120	D-SN-P-219	215/(k.3)	2-2A	2-2A		NoCal
LRI-M-C5-1d	58.4	185.8	211.6	EP-08-125RA-120	D-SN-P-219	215/(k.3)	2-2A	2-2A		NoCal
LRI-M-C5-1m	58.4	185.8	211.6	EP-08-125RA-120	D-SN-P-219	215/(k.3)	2-2A	2-2A		NoCal

## Liner Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
ID	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)			D-SN-P-				
LSI-C-F5-07	162.4	205.4	211.6	EP-08-125AC-350	D-SN-P-220	215/(k.4)	3-7C	3-7C		NoCal
LRI-M-F5-1h	162.5	205.4	211.6	EP-08-125RA-120	D-SN-P-220	215/(k.4)	3-7C	3-7C		NoCal
LRI-M-F5-1d	162.5	205.4	211.6	EP-08-125RA-120	D-SN-P-220	215/(k.4)	3-7C	3-7C		NoCal
LRI-M-F5-1m	162.5	205.4	211.6	EP-08-125RA-120	D-SN-P-220	215/(k.4)	3-7C	3-7C		NoCal
LSI-C-F4-06	163.7	102.3	211.6	EP-08-125AC-350	D-SN-P-220	215/(k.5)	2-6C	2-6C		NoCal
LRI-M-F4-1h	163.8	102.3	211.6	EP-08-125RA-120	D-SN-P-220	215/(k.5)	2-6C	2-6C		NoCal
LRI-M-F4-1d	163.8	102.3	211.6	EP-08-125RA-120	D-SN-P-220	215/(k.5)	2-6C	2-6C		NoCal
LRI-M-F4-1m	163.8	102.3	211.6	EP-08-125RA-120	D-SN-P-220	215/(k.5)	2-6C	2-6C		NoCal
LSI-C-L5-23	314.2	189.4	211.6	EP-08-125AC-350	D-SN-P-218	215/(k.6)	3-11D	3-11D		NoCal
LRI-M-L5-5h	314.3	189.4	211.6	EP-08-125RA-120	D-SN-P-218	215/(k.6)	3-11D	3-11D		NoCal
LRI-M-L5-5d	314.3	189.4	211.6	EP-08-125RA-120	D-SN-P-218	215/(k.6)	3-11D	3-11D		NoCal
LRI-M-L5-5m	314.3	189.4	211.6	EP-08-125RA-120	D-SN-P-218	215/(k.6)	3-11D	3-11D		NoCal
LSI-C-H5-07	197.6	205.4	211.6	EP-08-125AC-350	D-SN-P-220	215/(k.7)	3-7C	3-7C		NoCal
LRI-M-H5-1h	197.5	205.4	211.6	EP-08-125RA-120	D-SN-P-220	215/(k.7)	3-7C	3-7C		NoCal
LRI-M-H5-1d	197.5	205.4	211.6	EP-08-125RA-120	D-SN-P-220	215/(k.7)	3-7C	3-7C		NoCal
LRI-M-H5-1m	197.5	205.4	211.6	EP-08-125RA-120	D-SN-P-220	215/(k.7)	3-7C	3-7C		NoCal
LSI-C-L5-13	333.8	184.5	211.6	EP-08-125AC-350	D-SN-P-218	215/(l.1)	3-11D	3-11D	(Stiff.	NoCal
LRI-M-L5-3h	333.9	185.0	211.6	EP-08-125RA-120	D-SN-P-218	215/(l.1)	3-11D	3-11D	Ends	NoCal
LRI-M-L5-3d	333.9	185.0	211.6	EP-08-125RA-120	D-SN-P-218	215/(l.1)	3-11D	3-11D	near	NoCal
LRI-M-L5-3m	333.9	185.0	211.6	EP-08-125RA-120	D-SN-P-218	215/(l.1)	3-11D	3-11D	Plate)	NoCal
LSI-C-L5-15	314.2	184.5	211.6	EP-08-125AC-350	D-SN-P-218	215/(l.2)	3-11E	3-11E		NoCal
LRI-M-L5-4h	314.1	185.0	211.6	EP-08-125RA-120	D-SN-P-218	215/(l.2)	3-11E	3-11E		NoCal
LRI-M-L5-4d	314.1	185.0	211.6	EP-08-125RA-120	D-SN-P-218	215/(l.2)	3-11E	3-11E		NoCal
LRI-M-L5-4m	314.1	185.0	211.6	EP-08-125RA-120	D-SN-P-218	215/(l.2)	3-11E	3-11E		NoCal
LSI-C-C5-31	57.9	180.6	211.6	EP-08-125AC-350	D-SN-P-219	215/(l.3)	2-2A	2-2A		NoCal
LRI-M-C5-2h	57.8	181.1	211.6	EP-08-125RA-120	D-SN-P-219	215/(l.3)	2-2A	2-2A		NoCal
LRI-M-C5-2d	57.8	181.1	211.6	EP-08-125RA-120	D-SN-P-219	215/(l.3)	2-2A	2-2A		NoCal
LRI-M-C5-2m	57.8	181.1	211.6	EP-08-125RA-120	D-SN-P-219	215/(l.3)	2-2A	2-2A		NoCal
LSI-C-C5-33	66.1	180.6	211.6	EP-08-125AC-350	D-SN-P-219	215/(l.4)	2-2A	2-2A		NoCal
LRI-M-C5-3h	66.2	181.1	211.6	EP-08-125RA-120	D-SN-P-219	215/(l.4)	2-2A	2-2A		NoCal
LRI-M-C5-3d	66.2	181.1	211.6	EP-08-125RA-120	D-SN-P-219	215/(l.4)	2-2A	2-2A		NoCal
LRI-M-C5-3m	66.2	181.1	211.6	EP-08-125RA-120	D-SN-P-219	215/(l.4)	2-2A	2-2A		NoCal
LSI-C-F4-08	163.6	92.7	211.6	EP-08-125AC-350	D-SN-P-220	215/(l.5)	2-6C	2-6C		NoCal
LRI-M-F4-2h	163.5	92.2	211.6	EP-08-125RA-120	D-SN-P-220	215/(l.5)	2-6C	2-6C		NoCal
LRI-M-F4-2d	163.5	92.2	211.6	EP-08-125RA-120	D-SN-P-220	215/(l.5)	2-6C	2-6C		NoCal
LRI-M-F4-2m	163.5	92.2	211.6	EP-08-125RA-120	D-SN-P-220	215/(l.5)	2-6C	2-6C		NoCal
LSI-C-A4-01	306.8	125.2	211.6	EP-08-125AC-350	D-SN-P-218	216/(m.1)	2-11D	2-11D	(Re-	NoCal
LSI-C-A4-02	306.5	125.0	211.6	EP-08-125AC-350	D-SN-P-218	216/(m.1)	2-12B	2-12B	Entrant	NoCal
LRI-M-A4-1h	306.7	125.0	211.6	EP-08-125RA-120	D-SN-P-218	216/(m.1)	2-12B	2-12B	Corners)	NoCal
LRI-M-A4-1d	306.7	125.0	211.6	EP-08-125RA-120	D-SN-P-218	216/(m.1)	2-12B	2-12B		NoCal
LRI-M-A4-1m	306.7	125.0	211.6	EP-08-125RA-120	D-SN-P-218	216/(m.1)	2-12B	2-12B		NoCal
LSI-C-A6-01	306.8	242.9	211.6	EP-08-125AC-350	D-SN-P-218	216/(m.2)	3-11B	3-11B		NoCal
LSI-C-A6-02	306.5	243.1	211.6	EP-08-125AC-350	D-SN-P-218	216/(m.2)	3-12B	3-12B		NoCal
LRI-M-A6-1h	306.7	243.1	211.6	EP-08-125RA-120	D-SN-P-218	216/(m.2)	3-12B	3-12B		NoCal
LRI-M-A6-1d	306.7	243.1	211.6	EP-08-125RA-120	D-SN-P-218	216/(m.2)	3-12B	3-12B		NoCal
LRI-M-A6-1m	306.7	243.1	211.6	EP-08-125RA-120	D-SN-P-218	216/(m.2)	3-12B	3-12B		NoCal
LSI-C-C5-36	72.9	203.5	211.6	EP-08-125AC-350	D-SN-P-219	216/(m.4)	3-3D	3-3D		NoCal

## Liner Strain Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
ID	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)			D-SN-P-				
LSI-C-C5-37	73.2	203.7	211.6	EP-08-125AC-350	D-SN-P-219	216/(m.4)	3-2C	3-2C		NoCal
LRI-M-C5-5h	73	203.7	211.6	EP-08-125RA-120	D-SN-P-219	216/(m.4)	3-2C	3-2C		NoCal
LRI-M-C5-5d	73	203.7	211.6	EP-08-125RA-120	D-SN-P-219	216/(m.4)	3-2C	3-2C		NoCal
LRI-M-C5-5m	73	203.7	211.6	EP-08-125RA-120	D-SN-P-219	216/(m.4)	3-2C	3-2C		NoCal
LSI-C-L5-16	324.1	184.0	191.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H	(Equip-	NoCal
LSI-C-L5-17	324.1	213.2	194.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H	ment	NoCal
LSI-C-L5-18	331.9	184.0	194.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H	Hatch)	NoCal
LSI-M-L5-08	324	184.0	191.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H		NoCal
LSI-M-L5-09	324	213.2	194.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H		NoCal
LSI-M-L5-10	331.9	184.4	194.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H		NoCal
LSI-M-L5-11	324	214.4	196.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H		NoCal
LSI-M-L5-12	324	214.4	198.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H		NoCal
LSI-M-L5-13	332.2	184.0	196.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H		NoCal
LSI-M-L5-14	332.2	184.0	198.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H		NoCal
LSI-C-L5-19	323.9	214.4	196.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H		NoCal
LSI-C-L5-20	323.9	214.4	198.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H		NoCal
LSI-C-L5-21	332.2	184.4	196.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H		NoCal
LSI-C-L5-22	332.2	184.4	198.0	EP-08-125AC-350	D-SN-P-218	217/(n.1)	E/H	E/H		NoCal
LSI-M-H5-04	197	183.5	211.6	EP-08-125AC-350	D-SN-P-220	217/(o.1)	M/S	M/S	Weld	NoCal
LSI-C-H5-08	196.9	183.3	211.6	EP-08-125AC-350	D-SN-P-220	217/(o.1)	M/S	M/S	Detail	NoCal
LSI-C-J5-05	271.9	187.0	211.6	EP-08-125AC-350	D-SN-P-130	130	3-9C	3-9C	Buttress	NoCal
LSI-C-J5-06	271.9	185.0	211.6	EP-08-125AC-350	D-SN-P-130	130	3-9C	3-9C	Strains	NoCal
LSI-C-J5-07	274.0	187.0	211.6	EP-08-250BF-350	D-SN-P-130	130	3-10C	3-10C		NoCal
LSI-C-J5-08	276.0	187.0	211.6	EP-08-250BF-350	D-SN-P-130	130	3-10C	3-10C		NoCal
LSI-C-J5-09	278.0	187.0	211.6	EP-08-250BF-350	D-SN-P-130	130	3-10C	3-10C		NoCal
LSI-C-J5-10	280.0	187.0	211.6	EP-08-250BF-350	D-SN-P-130	130	3-10C	3-10C		NoCal
LRI-C-J6-1h	273.8	229.0	211.6	EP-08-125RA-120	D-SN-P-130	130			Near	NoCal
LRI-M-J6-1m	273.8	229.0	211.6	EP-08-125RA-120	D-SN-P-130	130			Liner	NoCal
LRI-C-I6-1h	241.0	259.5	211.6	EP-08-125RA-120	D-SN-P-130	130			Repairs	NoCal
LRI-M-I6-1m	241.0	259.5	211.6	EP-08-125RA-120	D-SN-P-130	130				NoCal
LRI-C-J8-1h	278.3	381.4	211.6	EP-08-125RA-120	D-SN-P-130	130				NoCal
LRI-M-J8-1m	278.3	381.4	211.6	EP-08-125RA-120	D-SN-P-130	130				NoCal

NoCal - No calibration was performed on this instrument before or after model testing

## Tendon Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
TT-M-Z3-01	135	64.0	218.0	TENSMEG-120	D-SN-P-128		V46	V46-1	Vert.	NoCal
TT-M-Z6-01	135	244.0	218.0	TENSMEG-120	D-SN-P-128		V46	V46-1	Tensmeg	NoCal
TT-M-Z9-01	135	380.0	218.0	TENSMEG-120	D-SN-P-128		V46	V46-1		NoCal
TT-M-E10-01	121	537.0	178.0	TENSMEG-120	D-SN-P-128		V46	V46-1		NoCal
TT-M-D11-01	90	580.0	141.0	TENSMEG-120	D-SN-P-128		V46	V46-1		NoCal
TT-M-I3-01	241	64.0	218.0	TENSMEG-120	D-SN-P-128		V37	V37-1		NoCal
TT-M-I3-02	241	90.0	218.0	TENSMEG-120	D-SN-P-128		V37	V37-2		NoCal
TT-M-I3-03	241	38.0	218.0	TENSMEG-120	D-SN-P-128		V37	V37-3		NoCal
TT-M-I9-01	241	380.0	218.0	TENSMEG-120	D-SN-P-128		V37	V37-1		NoCal
TT-M-I9-02	241	406.0	218.0	TENSMEG-120	D-SN-P-128		V37	V37-2		NoCal
TT-M-I9-03	241	354.0	218.0	TENSMEG-120	D-SN-P-128		V37	V37-3		NoCal
TT-M-G12-01	180	615.0	87.0	TENSMEG-120	D-SN-P-128		V37	V37-1		NoCal
TT-M-L3-01	325	64.0	218.0	TENSMEG-120	D-SN-P-128		V85	V85-1		NoCal
TT-M-L3-02	325	90.0	218.0	TENSMEG-120	D-SN-P-128		V85	V85-2		NoCal
TT-M-L3-03	325	38.0	218.0	TENSMEG-120	D-SN-P-128		V85	V85-3		NoCal
TT-M-L9-01	325	380.0	218.0	TENSMEG-120	D-SN-P-128		V85	V85-1		NoCal
TT-M-L9-02	325	406.0	218.0	TENSMEG-120	D-SN-P-128		V85	V85-2		NoCal
TT-M-L9-03	325	354.0	218.0	TENSMEG-120	D-SN-P-128		V85	V85-3		NoCal
TT-M-J11-01	270	588.0	132.0	TENSMEG-120	D-SN-P-128		V85	V85-1		NoCal
TT-C-A3-01	0	73.0	220.0	TENSMEG-120	D-SN-P-128		H11	H11-1	Hoop	NoCal
TT-C-D3-01	90	73.0	220.0	TENSMEG-120	D-SN-P-128		H11	H11-1	Tensmeg	NoCal
TT-C-G3-01	180	73.0	220.0	TENSMEG-120	D-SN-P-128		H11	H11-1		NoCal
TT-C-A5-01	0	180.0	220.0	TENSMEG-120	D-SN-P-128		H35	H35-1		NoCal
TT-C-A5-02	7	180.0	220.0	TENSMEG-120	D-SN-P-128		H35	H35-2		NoCal
TT-C-A5-03	353	180.0	220.0	TENSMEG-120	D-SN-P-128		H35	H35-3		NoCal
TT-C-D5-01	90	180.0	220.0	TENSMEG-120	D-SN-P-128		H35	H35-1		NoCal
TT-C-Z5-01	135	180.0	220.0	TENSMEG-120	D-SN-P-128		H35	H35-1		NoCal
TT-C-G5-01	180	174.0	220.0	TENSMEG-120	D-SN-P-128		H35	H35-1		NoCal
TT-C-K5-01	285	180.0	220.0	TENSMEG-120	D-SN-P-128		H35	H35-1		NoCal
TT-C-K5-02	292	180.0	220.0	TENSMEG-120	D-SN-P-128		H35	H35-2		NoCal
TT-C-K5-03	278	180.0	220.0	TENSMEG-120	D-SN-P-128		H35	H35-3		NoCal
TT-C-A6-01	0	259.0	220.0	TENSMEG-120	D-SN-P-128		H53	H53-1		NoCal
TT-C-D6-01	90	259.0	220.0	TENSMEG-120	D-SN-P-128		H53	H53-1		NoCal
TT-C-D6-02	83	259.0	220.0	TENSMEG-120	D-SN-P-128		H53	H53-2		NoCal
TT-C-D6-03	97	259.0	220.0	TENSMEG-120	D-SN-P-128		H53	H53-3		NoCal
TT-C-G6-01	180	259.0	220.0	TENSMEG-120	D-SN-P-128		H53	H53-1		NoCal
TT-C-K6-01	280	259.0	220.0	TENSMEG-120	D-SN-P-128		H53	H53-1		NoCal
TF-M-Z3-01	135	64.0	218.0	EP-08-062AQ-350	D-SN-P-128		V46	V46-1	Vert.	NoCal
TF-M-Z3-02	135	64.0	218.0	EP-08-062AQ-350	D-SN-P-128		V46	V46-1	Foil	NoCal
TF-M-Z6-01	135	244.0	218.0	EP-08-062AQ-350	D-SN-P-128		V46	V46-1	Gages	NoCal
TF-M-Z6-02	135	244.0	218.0	EP-08-062AQ-350	D-SN-P-128		V46	V46-1		NoCal
TF-M-Z9-01	135	380.0	218.0	EP-08-062AQ-350	D-SN-P-128		V46	V46-1		NoCal
TF-M-Z9-02	135	380.0	218.0	EP-08-062AQ-350	D-SN-P-128		V46	V46-1		NoCal
TF-M-E10-01	121	537.0	178.0	EP-08-062AQ-350	D-SN-P-128		V46	V46-1		NoCal
TF-M-E10-02	121	537.0	178.0	EP-08-062AQ-350	D-SN-P-128		V46	V46-1		NoCal
TF-M-D11-01	90	580.0	141.0	EP-08-062AQ-350	D-SN-P-128		V46	V46-1		NoCal
TF-M-D11-02	90	580.0	141.0	EP-08-062AQ-350	D-SN-P-128		V46	V46-1		NoCal
TF-M-I3-01	241	64.0	218.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-1		NoCal
TF-M-I3-02	241	64.0	218.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-1		NoCal
TF-M-I3-03	241	90.0	218.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-2		NoCal
TF-M-I3-04	241	90.0	218.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-2		NoCal
TF-M-I3-05	241	38.0	218.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-3		NoCal

## Tendon Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
TF-M-I3-06	241	38.0	218.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-3		NoCal
TF-M-I9-01	241	380.0	218.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-1		NoCal
TF-M-I9-02	241	380.0	218.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-1		NoCal
TF-M-I9-03	241	406.0	218.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-2		NoCal
TF-M-I9-04	241	406.0	218.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-2		NoCal
TF-M-I9-05	241	354.0	218.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-3		NoCal
TF-M-I9-06	241	354.0	218.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-3		NoCal
TF-M-G12-01	180	615.0	87.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-1		NoCal
TF-M-G12-02	180	615.0	87.0	EP-08-062AQ-350	D-SN-P-128		V37	V37-1		NoCal
TF-M-L3-01	325	64.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-1		NoCal
TF-M-L3-02	325	64.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-1		NoCal
TF-M-L3-03	325	64.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-1		NoCal
TF-M-L3-04	325	90.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-2		NoCal
TF-M-L3-05	325	90.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-2		NoCal
TF-M-L3-06	325	90.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-2		NoCal
TF-M-L3-07	325	38.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-3		NoCal
TF-M-L3-08	325	38.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-3		NoCal
TF-M-L3-09	325	38.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-3		NoCal
TF-M-L5-01	334	184.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-1		NoCal
TF-M-L5-02	334	184.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-1		NoCal
TF-M-L5-03	334	184.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-1		NoCal
TF-M-L9-01	325	380.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-1		NoCal
TF-M-L9-02	325	380.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-1		NoCal
TF-M-L9-03	325	380.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-1		NoCal
TF-M-L9-04	325	406.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-2		NoCal
TF-M-L9-05	325	406.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-2		NoCal
TF-M-L9-06	325	406.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-2		NoCal
TF-M-L9-07	325	354.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-3		NoCal
TF-M-L9-08	325	354.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-3		NoCal
TF-M-L9-09	325	354.0	218.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-3		NoCal
TF-M-J11-01	270	588.0	132.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-1		NoCal
TF-M-J11-02	270	588.0	132.0	EP-08-062AQ-350	D-SN-P-128		V85	V85-1		NoCal
TF-C-A3-01	0	73.0	220.0	EP-08-062AQ-350	D-SN-P-128		H11	H11-1	Hoop	NoCal
TF-C-A3-02	0	73.0	220.0	EP-08-062AQ-350	D-SN-P-128		H11	H11-1	Foil	NoCal
TF-C-D3-01	90	73.0	220.0	EP-08-062AQ-350	D-SN-P-128		H11	H11-1	Gages	NoCal
TF-C-D3-02	90	73.0	220.0	EP-08-062AQ-350	D-SN-P-128		H11	H11-1		NoCal
TF-C-G3-01	180	73.0	220.0	EP-08-062AQ-350	D-SN-P-128		H11	H11-1		NoCal
TF-C-G3-02	180	73.0	220.0	EP-08-062AQ-350	D-SN-P-128		H11	H11-1		NoCal
TF-C-I3-01	260	73.0	220.0	EP-08-062AQ-350	D-SN-P-128		H11	H11-1		NoCal
TF-C-I3-02	260	73.0	220.0	EP-08-062AQ-350	D-SN-P-128		H11	H11-1		NoCal
TF-C-I3-03	260	73.0	220.0	EP-08-062AQ-350	D-SN-P-128		H11	H11-1		NoCal
TF-C-A5-01	0	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-A5-02	0	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-A5-03	0	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-A5-04	7	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-2		NoCal
TF-C-A5-05	7	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-2		NoCal
TF-C-A5-06	7	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-2		NoCal
TF-C-A5-07	353	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-3		NoCal
TF-C-A5-08	353	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-3		NoCal
TF-C-A5-09	353	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-3		NoCal
TF-C-D5-01	90	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-D5-02	90	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-Z5-01	135	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-Z5-02	135	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal



## Tendon Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
TF-C-G5-01	180	174.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-G5-02	180	174.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-I5-01	260	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-I5-02	260	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-I5-03	260	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-K5-01	285	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-K5-02	285	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-K5-03	285	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-K5-04	292	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-2		NoCal
TF-C-K5-05	292	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-2		NoCal
TF-C-K5-06	292	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-2		NoCal
TF-C-K5-07	278	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-3		NoCal
TF-C-K5-08	278	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-3		NoCal
TF-C-K5-09	278	180.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-3		NoCal
TF-C-L5-01	324	148.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-L5-02	324	148.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-L5-03	324	148.0	220.0	EP-08-062AQ-350	D-SN-P-128		H35	H35-1		NoCal
TF-C-A6-01	0	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-1		NoCal
TF-C-A6-02	0	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-1		NoCal
TF-C-D6-01	90	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-1		NoCal
TF-C-D6-02	90	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-1		NoCal
TF-C-D6-03	83	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-2		NoCal
TF-C-D6-04	83	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-2		NoCal
TF-C-D6-05	97	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-3		NoCal
TF-C-D6-06	97	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-3		NoCal
TF-C-G6-01	180	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-1		NoCal
TF-C-G6-02	180	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-1		NoCal
TF-C-I6-01	260	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-1		NoCal
TF-C-I6-02	260	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-1		NoCal
TF-C-I6-03	260	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-1		NoCal
TF-C-K6-01	280	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-1		NoCal
TF-C-K6-02	280	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-1		NoCal
TF-C-K6-03	280	259.0	220.0	EP-08-062AQ-350	D-SN-P-128		H53	H53-1		NoCal
TF-C-A7-01	0	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-A7-02	0	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-A7-03	0	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-D7-01	90	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-D7-02	90	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-D7-03	90	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-Z7-01	135	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-Z7-02	135	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-Z7-03	135	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-G7-01	180	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-G7-02	180	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-G7-03	180	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-H7-01	225	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-H7-02	225	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-H7-03	225	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-I7-01	260	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-I7-02	260	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-I7-03	260	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-K7-01	280	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-K7-02	280	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-K7-03	280	321.0	220.0	EP-08-062AQ-350	D-SN-P-128		H67	H67-1		NoCal
TF-C-A8-01	0	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal

## Tendon Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
TF-C-A8-02	0	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-A8-03	0	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-C8-01	80	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-C8-02	80	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-C8-03	80	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-E8-01	105	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-E8-02	105	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-E8-03	105	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-E8-04	112	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-2		NoCal
TF-C-E8-05	112	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-2		NoCal
TF-C-E8-06	112	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-2		NoCal
TF-C-E8-07	98	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-3		NoCal
TF-C-E8-08	98	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-3		NoCal
TF-C-E8-09	98	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-3		NoCal
TF-C-Z8-01	135	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-Z8-02	135	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-Z8-03	135	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-G8-01	180	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-G8-02	180	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-G8-03	180	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-H8-01	225	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-H8-02	225	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-H8-03	225	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-J8-01	270	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-J8-02	270	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-J8-03	270	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-1		NoCal
TF-C-J8-04	263	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-2		NoCal
TF-C-J8-05	263	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-2		NoCal
TF-C-J8-06	263	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-2		NoCal
TF-C-J8-07	277	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-3		NoCal
TF-C-J8-08	277	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-3		NoCal
TF-C-J8-09	277	326.0	220.0	EP-08-062AQ-350	D-SN-P-128		H68	H68-3		NoCal
TL-M-A0-03	1	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V67	V67	Vert.	PreCal
TL-M-A0-05	13	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V61	V61	Load	PreCal
TL-M-B0-02	25	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V55	V55	Cells	PreCal
TL-M-B0-04	37	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V49	V49		PreCal
TL-M-B0-05	43	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V46	V46		PreCal
TL-M-C0-01	45	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V1	V1		PreCal
TL-M-C0-03	57	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V7	V7		PreCal
TL-M-C0-05	69	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V13	V13		PreCal
TL-M-D0-02	81	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V19	V19		PreCal
TL-M-D0-04	93	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V25	V25		PreCal
TL-M-E0-01	105	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V31	V31		PreCal
TL-M-E0-03	117	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V37	V37		PreCal
TL-M-Z0-01	129	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V43	V43		PreCal
TL-M-Z0-02	135	-46.0	218.0	HBM-C6-100t	D-SN-P-128		V46	V46		PreCal
TL-M-Z0-03	141	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V49	V49		PreCal
TL-M-F0-02	153	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V55	V55		PreCal
TL-M-G0-01	165	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V61	V61		PreCal
TL-M-G0-03	177	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V67	V67		PreCal
TL-M-G0-05	189	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V73	V73		PreCal
TL-M-H0-02	201	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V79	V79		PreCal
TL-M-H0-04	213	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V85	V85		PreCal
TL-M-I0-01	229	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V43	V43		PreCal

## Tendon Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
TL-M-I0-03	241	-46.0	218.0	HBM-C6-100t	D-SN-P-128		V37	V37		PreCal
TL-M-I0-05	253	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V31	V31		PreCal
TL-M-J0-02	265	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V25	V25		PreCal
TL-M-J0-04	277	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V19	V19		PreCal
TL-M-K0-01	289	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V13	V13		PreCal
TL-M-K0-03	301	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V7	V7		PreCal
TL-M-K0-05	313	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V1	V1		PreCal
TL-M-L0-02	325	-46.0	218.0	HBM-C6-100t	D-SN-P-128		V85	V85		PreCal
TL-M-L0-04	337	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V79	V79		PreCal
TL-M-A0-01	349	-46.0	218.0	GK-3000-200-2.0	D-SN-P-128		V73	V73		PreCal
TL-C-D3-01	85	44.0	230.0	GK-3000-200-2.0	D-SN-P-128		H4	H4	Hoop	PreCal
TL-C-D3-02	95	41.0	230.0	GK-3000-200-2.0	D-SN-P-128		H4	H4	Load	PreCal
TL-C-D4-01	85	106.0	230.0	GK-3000-200-2.0	D-SN-P-128		H18	H18	Cells	PreCal
TL-C-D4-02	95	103.0	230.0	GK-3000-200-2.0	D-SN-P-128		H18	H18	90 Deg.	PreCal
TL-C-D5-01	85	159.0	230.0	GK-3000-200-2.0	D-SN-P-128		H30	H30		PreCal
TL-C-D5-02	95	156.0	230.0	GK-3000-200-2.0	D-SN-P-128		H30	H30		PreCal
TL-C-D5-03	85	203.0	230.0	GK-3000-200-2.0	D-SN-P-128		H40	H40		PreCal
TL-C-D5-04	95	200.0	230.0	GK-3000-200-2.0	D-SN-P-128		H40	H40		PreCal
TL-C-D6-01	85	230.0	230.0	GK-3000-200-2.0	D-SN-P-128		H46	H46		PreCal
TL-C-D6-02	95	227.0	230.0	GK-3000-200-2.0	D-SN-P-128		H46	H46		PreCal
TL-C-D7-01	85	283.0	230.0	GK-3000-200-2.0	D-SN-P-128		H58	H58		PreCal
TL-C-D7-02	95	280.0	230.0	GK-3000-200-2.0	D-SN-P-128		H58	H58		PreCal
TL-C-D8-01	85	327.0	230.0	HBM-C6-100t	D-SN-P-128		H68	H68		PreCal
TL-C-D8-02	95	324.0	230.0	HBM-C6-100t	D-SN-P-128		H68	H68		PreCal
TL-C-D9-01	85	389.0	230.0	GK-3000-200-2.0	D-SN-P-128		H82	H82		PreCal
TL-C-D9-02	95	386.0	230.0	GK-3000-200-2.0	D-SN-P-128		H82	H82		PreCal
TL-C-D10-01	85	481.0	230.0	GK-3000-200-2.0	D-SN-P-128		H96	H96		PreCal
TL-C-D10-02	95	478.0	230.0	GK-3000-200-2.0	D-SN-P-128		H96	H96		PreCal
TL-C-J3-01	265	75.0	230.0	GK-3000-200-2.0	D-SN-P-128		H11	H11	Hoop	PreCal
TL-C-J3-02	275	72.0	230.0	HBM-C6-100t	D-SN-P-128		H11	H11	Load	PreCal
TL-C-J4-01	265	137.0	230.0	GK-3000-200-2.0	D-SN-P-128		H25	H25	Cells	PreCal
TL-C-J4-02	275	134.0	230.0	GK-3000-200-2.0	D-SN-P-128		H25	H25	270 Deg	PreCal
TL-C-J5-01	265	181.0	230.0	HBM-C6-100t	D-SN-P-128		H35	H35		PreCal
TL-C-J5-02	275	178.0	230.0	HBM-C6-100t	D-SN-P-128		H35	H35		PreCal
TL-C-J6-01	265	261.0	230.0	HBM-C6-100t	D-SN-P-128		H53	H53		PreCal
TL-C-J6-02	275	258.0	230.0	GK-3000-200-2.0	D-SN-P-128		H53	H53		PreCal
TL-C-J7-01	265	305.0	230.0	GK-3000-200-2.0	D-SN-P-128		H63	H63		PreCal
TL-C-J7-02	275	302.0	230.0	GK-3000-200-2.0	D-SN-P-128		H63	H63		PreCal
TL-C-J7-03	265	323.0	230.0	HBM-C6-100t	D-SN-P-128		H67	H67		PreCal
TL-C-J7-04	275	320.0	230.0	HBM-C6-100t	D-SN-P-128		H67	H67		PreCal
TL-C-J8-01	265	358.0	230.0	GK-3000-200-2.0	D-SN-P-128		H75	H75		PreCal
TL-C-J8-02	275	355.0	230.0	GK-3000-200-2.0	D-SN-P-128		H75	H75		PreCal
TL-C-J9-01	265	420.0	230.0	GK-3000-200-2.0	D-SN-P-128		H89	H89		PreCal
TL-C-J9-02	275	417.0	230.0	GK-3000-200-2.0	D-SN-P-128		H89	H89		PreCal
TL-C-J10-01	265	543.0	230.0	GK-3000-200-2.0	D-SN-P-128		H103	H103		PreCal
TL-C-J10-02	275	540.0	230.0	GK-3000-200-2.0	D-SN-P-128		H103	H103		PreCal

NoCal - No calibration was performed on this instrument before or after model testing

PreCal - Calibration was performed on this instrument prior to model testing only

## Displacement Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Initial	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Offset	Mark #		
(name)	(deg)	(in)	(in)							
CP-M-B4-01	30	104.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2	CPOT	PostOK
CP-M-B9-01	30	423.0	211.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5	Vertical	PostOUT
CP-M-C5-01	66	178.0	200.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2	Disp.	PostOK
CP-M-D4-01	90	104.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-M-D7-01	90	304.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-M-D9-01	90	423.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.5	CPOT-2		PostOK
CP-M-D10-01	90	504.0	196.0	PT101-0002-111-1110	D-SN-P-131		+0.5	CPOT-2		PostOK
CP-M-D11-01	90	573.0	150.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5		PostOK
CP-M-D12-01	90	619.0	81.0	PT101-0015-111-1110	D-SN-P-131		+1	CPOT-15		PostOK
CP-M-Z4-01	135	104.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-M-Z5-01	135	184.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-M-Z7-01	135	304.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-M-Z10-01	135	504.0	196.0	PT101-0002-111-1110	D-SN-P-131		+0.5	CPOT-2		PostOK
CP-M-Z12-01	135	619.0	81.0	PT101-0015-111-1110	D-SN-P-131		+1	CPOT-15		PostOK
CP-M-G4-01	180	104.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-M-G9-01	180	423.0	211.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5		PostOUT
CP-M-I4-01	240	104.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-M-I9-01	240	423.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.5	CPOT-2		PostOK
CP-M-I11-01	240	573.0	150.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5		PostOK
CP-M-L4-01	324	104.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-M-L5-01	334	184.0	200.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-M-L7-01	324	304.0	211.0	PT101-0002-111-1110	D-SN-P-131		+1.75	CPOT-2		PostOK
CP-M-L9-01	324	423.0	211.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5		PostOK
CP-M-L10-01	324	504.0	196.0	PT101-0002-111-1110	D-SN-P-131		+0.5	CPOT-2		PostOK
CP-M-L11-01	324	573.0	150.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5		PostOK
CP-M-L12-01	324	619.0	81.0	PT101-0015-111-1110	D-SN-P-131		+1	CPOT-15		PostOK
CP-R-B2-01	30	10.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2	CPOT	PostOK
CP-R-B3-01	30	56.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2	Radial	PostOK
CP-R-B5-01	30	184.0	211.0	PT101-0010-111-1110	D-SN-P-131		+0.5	CPOT-10	Disp.	PostOK
CP-R-B7-01	30	304.0	211.0	PT101-0010-111-1110	D-SN-P-131		+0.5	CPOT-10		PostOK
CP-R-B9-01	30	423.0	211.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5		PostOK
CP-R-C5-01	66	178.0	200.0	PT101-0010-111-1110	D-SN-P-131		+0.5	CPOT-10		PostOK
CP-R-D4-01	90	104.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-D6-01	90	244.0	211.0	PT101-0010-111-1110	D-SN-P-131		+0.5	CPOT-10		PostOUT
CP-R-D8-01	90	363.0	211.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5		PostOK
CP-R-D9-01	90	423.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-D10-01	90	504.0	196.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-D11-01	90	573.0	150.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-D12-01	90	619.0	81.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-E5-01	120	184.0	211.0	PT101-0010-111-1110	D-SN-P-131		+0.5	CPOT-10		PostOK
CP-R-Z8-01	135	363.0	211.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5		PostOK
CP-R-Z10-01	135	504.0	196.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-Z11-01	135	573.0	150.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-Z12-01	135	619.0	81.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-F5-01	150	184.0	211.0	PT101-0010-111-1110	D-SN-P-131		+0.5	CPOT-10		PostOK
CP-R-G2-01	180	10.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-G3-01	180	56.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-G4-01	180	104.0	211.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5		PostOK
CP-R-G7-01	180	304.0	211.0	PT101-0010-111-1110	D-SN-P-131		+0.5	CPOT-10		PostOK
CP-R-G9-01	180	423.0	211.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5		PostOUT
CP-R-H5-01	210	184.0	211.0	PT101-0010-111-1110	D-SN-P-131		+0.5	CPOT-10		PostOK
CP-R-I2-01	240	10.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-I3-01	240	56.0	211.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-I7-01	240	304.0	211.0	PT101-0010-111-1110	D-SN-P-131		+0.5	CPOT-10		PreCal
CP-R-I9-01	240	423.0	211.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5		PostOK
CP-R-I11-01	240	573.0	150.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK

## Displacement Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Initial	Modified	Comnts	Calibration
ID	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Offset	Mark #		
(name)	(deg)	(in)	(in)							
CP-R-K5-01	300	184.0	211.0	PT101-0010-111-1110	D-SN-P-131		+0.5	CPOT-10		PostOK
CP-R-L4-01	324	104.0	211.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5		PostOK
CP-R-L5-01	334	184.0	200.0	PT101-0010-111-1110	D-SN-P-131		+0.5	CPOT-10		PostOK
CP-R-L6-01	324	244.0	211.0	PT101-0010-111-1110	D-SN-P-131		+0.5	CPOT-10		PostOK
CP-R-L8-01	324	363.0	211.0	PT101-0005-111-1110	D-SN-P-131		+0.5	CPOT-5		PostOK
CP-R-L10-01	324	504.0	196.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-L11-01	324	573.0	150.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
CP-R-L12-01	324	619.0	81.0	PT101-0002-111-1110	D-SN-P-131		+0.25	CPOT-2		PostOK
DL-M-D0-01	90	-138.0	283.0	GCD-121-500	D-SN-P-131		-0.3	LVDT-1	LVDT	PostOK
DL-M-D1-01	90	0.0	283.0	GCD-121-2000-1283	D-SN-P-131		-1.5	LVDT-4	Outside	PostOK
DL-M-Z0-01	135	-138.0	283.0	GCD-121-500	D-SN-P-131		-0.3	LVDT-1	Vertical	PostOK
DL-M-Z1-01	135	0.0	283.0	GCD-121-2000-1283	D-SN-P-131		-1.5	LVDT-4	Disp.	PostOUT
DL-M-I0-01	240	-138.0	283.0	GCD-121-500	D-SN-P-131		-0.3	LVDT-1		PostOUT
DL-M-I1-01	240	0.0	283.0	GCD-121-2000-1283	D-SN-P-131		-1.5	LVDT-4		PreCal
DL-M-L0-01	324	-138.0	283.0	GCD-121-500	D-SN-P-131		-0.3	LVDT-1		PostOUT
DL-M-L1-01	324	0.0	283.0	GCD-121-2000-1283	D-SN-P-131		-1.5	LVDT-4		PostOUT
DL-R-D1-01	90	0.0	211.0	GCD-121-500	D-SN-P-131		-0.3	LVDT-1	LVDT	PostOUT
DL-R-D2-01	90	10.0	211.0	GCD-121-500	D-SN-P-131		-0.3	LVDT-1	Radial	PostOK
DL-R-D3-01	90	56.0	211.0	GCD-121-2000-1283	D-SN-P-131		-1.5	LVDT-4	Disp.	PostOUT
DL-R-Z1-01	135	0.0	211.0	GCD-121-500	D-SN-P-131		-0.3	LVDT-1		PostOUT
DL-R-Z2-01	135	10.0	211.0	GCD-121-500	D-SN-P-131		-0.3	LVDT-1		PostOK
DL-R-Z3-01	135	56.0	211.0	GCD-121-2000-1283	D-SN-P-131		-1.5	LVDT-4		PostOUT
DL-R-L1-01	324	0.0	211.0	GCD-121-500	D-SN-P-131		-0.3	LVDT-1		PostOK
DL-R-L2-01	324	10.0	211.0	GCD-121-500	D-SN-P-131		-0.3	LVDT-1		PostOK
DL-R-L3-01	324	56.0	211.0	GCD-121-2000-1283	D-SN-P-131		-1.5	LVDT-4		PostOUT
DL-M-C5-01	62	178.0	218.0	GCD-121-500	D-SN-P-131		-0.3	LVDT-1	LVDT	PostOUT
DL-C-C5-01	62	178.0	218.0	GCD-121-500	D-SN-P-131		-0.3	LVDT-1	Hatch	PostOK
DL-M-L5-01	324	184.0	218.0	GCD-121-2000-1283	D-SN-P-131		-1.5	LVDT-4	Diagonal	PostOK
DL-C-L5-01	324	184.0	218.0	GCD-121-2000-1283	D-SN-P-131		-1.5	LVDT-4	Disp.	PostOUT
DT-M-Z9-01	135	423.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10	Tempos.	PostOUT
DT-M-Z11-01	135	573.0	150.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10	Vertical	PostOUT
DT-M-Z13-01	-	635.0	0.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10	Disp.	PostOUT
DT-R-A5-01	0	184.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10	Tempos.	PostOK
DT-R-D5-01	90	184.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10	Radial	PostOUT
DT-R-D7-01	90	304.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10	Disp.	PostOUT
DT-R-Z4-01	135	104.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10		PostOUT
DT-R-Z5-01	135	184.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10		PostOK
DT-R-Z6-01	135	244.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10		PostOUT
DT-R-Z7-01	135	304.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10		PostOK
DT-R-Z9-01	135	423.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10		PostOK
DT-R-G5-01	180	184.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10		PostOK
DT-R-I5-01	240	184.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10		PostOK
DT-R-J5-01	270	184.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10		PostOK
DT-R-L7-01	324	304.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10		PostOUT
DT-R-L9-01	324	423.0	211.0	LSVD600U01001A0	D-SN-P-131		+1	TEMPO-10		PostOUT
CP-V-B3-01	30	50.0	200.0	PT101-0002-111-1110	N/A		+1	CPOT-2	Instr.	PostOK
CP-V-G3-01	180	50.0	200.0	PT101-0002-111-1110	N/A		+1	CPOT-2	Frame	PostOK
CP-V-Z11-01	-	570.0	0.0	PT101-0002-111-1110	N/A		+1	CPOT-2	Sens.	PostOK
CP-V-A9-01	9	390.0	130.0	PT101-0002-111-1110	N/A		+1	CPOT-2		PostOK
CP-V-D9-01	99	390.0	130.0	PT101-0002-111-1110	N/A		+1	CPOT-2		PostOK
CP-V-G9-01	189	390.0	130.0	PT101-0002-111-1110	N/A		+1	CPOT-2		PostOK
CP-V-J9-01	279	390.0	130.0	PT101-0002-111-1110	N/A		+1	CPOT-2		PostOK

## Displacement Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Initial	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Offset	Mark #		
(name)	(deg)	(in)	(in)							
CP-H-G5-01	189	218.0	130.0	PT101-0002-111-1110	N/A		+1	CPOT-2		PostOUT
CP-H-J5-01	279	218.0	130.0	PT101-0002-111-1110	N/A		+1	CPOT-2		PostOK
CP-H-G9-01	189	380.0	130.0	PT101-0002-111-1110	N/A		+1	CPOT-2		PostOK
CP-H-J9-01	279	380.0	130.0	PT101-0002-111-1110	N/A		+1	CPOT-2		PostOK
IT-H-A11-01	0	580.0	10.0	SSY0140	N/A		+0	TILT		PostOUT
IT-H-D11-01	90	580.0	10.0	SSY0140	N/A		+0	TILT		PostOUT

PreCal - Calibration was performed on this instrument prior to model testing only

PostOK - Calibration was performed on this instrument Before and After model testing and remained within tolerance

PostOUT - Calibration was performed on this instrument Before and After model testing and difference was Out-of Tolerance

## Other Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
TC-R-D0-01	90	-134.0	48.0	K-24-2-505	D-SN-P-132	N/A	N/A	N/A	(Thermoc.	NoCal
TC-R-D0-02	90	-104.0	48.0	K-24-2-505	D-SN-P-132	N/A	N/A	N/A	embedded	NoCal
TC-R-D0-03	90	-104.0	200.0	K-24-2-505	D-SN-P-132	N/A	N/A	N/A	basemat)	NoCal
TC-R-D0-04	90	-6.0	48.0	CASS-116U-240	D-SN-P-132	N/A	N/A	N/A		NoCal
TC-R-D0-05	90	-36.0	214.0	CASS-116U-240	D-SN-P-132	N/A	N/A	N/A		NoCal
TC-R-Z0-01	135	-36.0	214.0	CASS-116U-240	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-A2-01	0	10.0	218.0	TQSS-116U-180	D-SN-P-132	N/A	N/A	N/A	(Thermoc.	NoCal
TW-R-A4-01	0	104.0	218.0	TQSS-116U-72	D-SN-P-132	N/A	N/A	N/A	embedded	NoCal
TW-R-A5-01	0	184.0	218.0	TQSS-116U-72	D-SN-P-132	N/A	N/A	N/A	cylinder	NoCal
TW-R-A5-02	349	184.0	218.0	TQSS-116U-72	D-SN-P-132	N/A	N/A	N/A	& dome)	NoCal
TW-R-A6-01	0	244.0	218.0	TQSS-116U-72	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-A7-01	0	304.0	218.0	TQSS-116U-72	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-A9-01	0	423.0	218.0	TQSS-116U-72	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-A11-01	0	573.0	158.0	TQSS-116U-240	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-C5-01	44	184.0	218.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-C5-02	62	125.0	218.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-C5-03	62	230.0	218.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-C5-04	80	184.0	218.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-D2-01	90	10.0	222.0	TQSS-116U-180	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-D4-01	90	104.0	222.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-D5-01	90	184.0	222.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-D7-01	90	304.0	222.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-D9-01	90	423.0	222.0	TQSS-116U-72	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-D11-01	62	180.0	220.0	TQSS-116U-240	D-SN-P-132	N/A	N/A	N/A	A/L	NoCal
TW-R-Z2-01	135	10.0	218.0	TQSS-116U-180	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-Z4-01	135	104.0	218.0	TQSS-116U-72	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-Z5-01	135	184.0	218.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-Z6-01	135	244.0	218.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-Z7-01	135	304.0	218.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-Z9-01	135	423.0	218.0	TQSS-116U-72	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-Z11-01	135	573.0	158.0	TQSS-116U-240	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-Z13-01	-	640.0	0.0	TQSS-116U-480	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-G5-01	180	184.0	218.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-I2-01	240	10.0	218.0	TQSS-116U-180	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-I5-01	240	184.0	218.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-I9-01	240	423.0	218.0	TQSS-116U-72	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-I11-01	324	184.0	220.0	TQSS-116U-240	D-SN-P-132	N/A	N/A	N/A	E/H	NoCal
TW-R-K5-01	299	184.0	218.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-L2-01	324	10.0	218.0	TQSS-116U-180	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-L4-01	324	79.0	218.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-L7-01	324	289.0	218.0	TQSS-116U-96	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-L9-01	324	423.0	218.0	TQSS-116U-72	D-SN-P-132	N/A	N/A	N/A		NoCal
TW-R-L11-01	324	573.0	158.0	TQSS-116U-240	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-A2-01	0	10.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A	(Thermoc.	NoCal
TI-C-A4-01	0	104.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A	attached	NoCal
TI-C-A5-01	0	184.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A	to inside	NoCal
TI-C-A7-01	0	304.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A	liner)	NoCal
TI-C-A9-01	0	423.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal

## Other Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
TI-C-A11-01	0	573.0	151.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-C5-01	57	178.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-C5-02	67	178.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-D2-01	90	10.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-D4-01	90	104.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-D5-01	90	184.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-D7-01	90	304.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-D9-01	90	423.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-D11-01	90	573.0	151.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-Z2-01	135	10.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-Z4-01	135	104.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-Z5-01	135	184.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-Z7-01	135	304.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-Z9-01	135	423.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-Z11-01	135	573.0	151.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-Z13-01	-	634.0	0.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-I2-01	240	10.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-I5-01	240	184.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-I9-01	240	423.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-I11-01	240	573.0	151.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-L2-01	324	10.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-L4-01	324	104.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-L5-01	324	184.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-L5-02	314	184.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-L5-03	334	184.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-L7-01	324	304.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-L9-01	324	423.0	211.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
TI-C-L11-01	324	573.0	151.0	SA1-T	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-A3-01	0	40.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A	(RTD	NoCal
RT-M-A5-01	0	170.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A	inside	NoCal
RT-M-A7-01	0	290.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A	air	NoCal
RT-M-A9-01	0	423.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A	Temp.)	NoCal
RT-M-A10-01	0	533.0	120.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-D3-01	90	40.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-D5-01	90	170.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-D7-01	90	290.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-D9-01	90	423.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-D10-01	90	533.0	120.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-Z12-01	-	608.0	0.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-G3-01	180	40.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-G5-01	180	170.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-G7-01	180	290.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-G9-01	180	423.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-G10-01	180	533.0	120.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-J3-01	270	40.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-J5-01	270	170.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-J7-01	270	290.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-M-J9-01	270	423.0	150.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal



## Other Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
RT-M-J10-01	270	533.0	120.0	RTD-805	D-SN-P-132	N/A	N/A	N/A		NoCal
RT-R-G0-01	180	-60.0	400.0	RTD-805	D-SN-P-132	N/A	N/A	N/A	Outside	NoCal
PG-R-G4-01	180	96.5	230.0	4040	N/A	N/A	N/A	N/A	(pressure	PostOK
PG-R-G4-02	180	96.5	230.0	4040	N/A	N/A	N/A	N/A	gages)	PostOK
CE-M-Z2-01	135	10.0	214.0	SOFO-500	D-SN-P-125	N/A	684	684	(fiber	NoCal
CE-M-Z2-02	135	10.0	221.0	SOFO-500	D-SN-P-126	N/A	683	683	optic	NoCal
CE-M-A6-01	0	244.0	214.0	SOFO-500	D-SN-P-125	N/A	682	682	concrete	NoCal
CE-C-A6-01	0	244.0	218.0	SOFO-500	D-SN-P-125	N/A	737	737	strain	NoCal
CE-M-A6-02	0	244.0	221.0	SOFO-500	D-SN-P-126	N/A	738	738	gages)	NoCal
CE-C-Z6-01	135	244.0	214.0	SOFO-500	D-SN-P-125	N/A	685	685		NoCal
CE-M-Z6-01	135	244.0	218.0	SOFO-500	D-SN-P-125	N/A	686	686		NoCal
CE-C-Z6-02	135	244.0	221.0	SOFO-500	D-SN-P-126	N/A	687	687		NoCal
CE-M-Z11-01	135	573.0	157.0	SOFO-500	D-SN-P-125	N/A	775	775		NoCal
CE-C-Z11-01	135	573.0	157.0	SOFO-500	D-SN-P-125	N/A	776	776		NoCal
A00	0	423.0	224.0						Acoustic	PreCal
A01	0	304.0	224.0						Sensors	PreCal
A02	0	184.0	224.0						(Ext)	PreCal
A03	0	10.0	224.0							PreCal
A04	0	-79.0	206.0							PreCal
A05	62	423.0	224.0							PreCal
A06	62	304.0	224.0							PreCal
A07	60	10.0	224.0							PreCal
A08	60	-79.0	206.0							PreCal
A09	90	580.0	170.0							PreCal
A10	90	423.0	230.0							PreCal
A11	90	244.0	230.0							PreCal
A12	90	127.0	230.0							PreCal
A13	90	10.0	230.0							PreCal
A14	120	-79.0	206.0							PreCal
A15	150	423.0	224.0							PreCal
A16	150	304.0	224.0							PreCal
A17	150	184.0	224.0							PreCal
A18	150	10.0	224.0							PreCal
A19	180	644.0	0.0							PreCal
A20	180	184.0	224.0							PreCal
A21	180	10.0	224.0							PreCal
A22	180	-79.0	206.0							PreCal
A23	210	423.0	224.0							PreCal
A24	210	304.0	224.0							PreCal
A25	210	184.0	224.0							PreCal
A26	210	10.0	224.0							PreCal
A27	240	-79.0	206.0							PreCal
A28	270	580.0	170.0							PreCal
A29	270	423.0	230.0							PreCal
A30	270	244.0	230.0							PreCal
A31	270	127.0	230.0							PreCal
A32	270	10.0	230.0							PreCal
A33	285	304.0	224.0							PreCal
A34	285	56.0	224.0							PreCal
A35	300	-79.0	206.0							PreCal
A36	318	423.0	224.0							PreCal
A37	324	10.0	224.0							PreCal
A38	15	10.0	211.0						Acoustic	PreCal

## Other Instrumentation List

Labeling	Azimuthal	Vertical	Radial	Transducer	Location	Details	Basic	Modified	Comnts	Calibration
I D	Angle	Elevation	Distance	Designation	Drawing #	Drawing #	Mark #	Mark #		
(name)	(deg)	(in)	(in)							
A39	57.1	196.0	205.0						Sensors	PreCal
A40	62	10.0	211.0						(Int)	PreCal
A41	66.9	196.0	205.0							PreCal
A42	105	10.0	211.0							PreCal
A43	150	244.0	211.0							PreCal
A44	150	10.0	211.0							PreCal
A45	210	244.0	211.0							PreCal
A46	210	10.0	211.0							PreCal
A47	240	10.0	211.0							PreCal
A48	295	10.0	211.0							PreCal
A49	313.7	222.0	200.0							PreCal
A50	313.7	146.0	200.0							PreCal
A51	334.3	222.0	200.0							PreCal
A52	334.3	146.0	200.0							PreCal
A53	330	10.0	211.0							PreCal

NoCal - No calibration was performed on this instrument before or after model testing

PreCal - Calibration was performed on this instrument prior to model testing only

PostOK - Calibration was performed on this instrument Before and After model testing and remained within tolerance