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MEASUREMENTS PROJECT DEVELOPMENT DRAWING LIST

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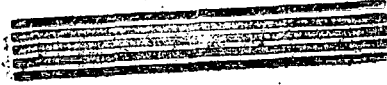
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EQUIPMENT

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MEASUREMENTS PROJECT DEVELOPMENT

EQUIPMENT

UCRL-1497

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✓ 27905	Series B Vacuum Pipes - Horizontal Proving Installation Geometry		
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Measurements Project Development

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Equipment

Garland

Master List of Layouts

9-17-51

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✓ 27993	Electrode Structure Series C - Type B Water Cooled	Anode #1
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✓ 28015	Series B Vacuum Pipes - Design 10; 30" to Four 8" Pipes	
✓ 28044	F1 Px Detector Layout - SERIES B	
✓ 28072	Series B Vacuum Pipes - Pipe Cap, Design 2	
✓ 28082	Series B Vacuum Pipes - Pipe Cap, Design 1	
✓ 28105	Vacuum Pipes Series B - 10th Design Elev. Four 8" Pipes & Tower	
✓ 28176	Series B Vacuum Pipe - Pump Manifold	
✓ 28193	Ionization Chamber - Be Window "O" Ring Dimension	
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✓ 28623	Series B Vacuum Pipes - Pipe Cap, Design 3	
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✓ 28644	Series B Vacuum Pipes - Gasket Changing Turnbuckle	
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	End	
✓ 28664	Series B Vacuum Pipes - Gasket Changing Turnbuckle	Extension
✓ 29015	Series B Vacuum Pipes - Adjustable Diaphragms	
✓ 29543	F1 Px Detector III - White Ion Chamber Layout	
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Measurements Project Development		216-10
Equipment		Salsig/rg
Master List of Assemblies		9-25-51
2Y2813	Transformer Tank Assembly	
5M3084	Series D X-Ray Head Assembly	
5H1024	Power Supply - Series C Assembly	
4K8794	Faceplate Sub-Assembly	
4K9401	Filling Manifold Cold Trap Sub-Assembly	
5F6993	Ionization Chamber II (Monitor) Assembly	
216-1601	Ion Chamber IIA Insulator Lead Assembly	
5H2673	Ionization Chamber III Assembly	
216-1722	Shovel Calibration Assembly	
5F6974	Fluorescer Wheel Assembly	
4K9383	Preliminary Layout - 100 cm Photocathode Assembly	
5F7893	Xylene Tank Probe Head Assembly	
5F7904	Xylene Test Chamber Assembly	
216-1382	Movable Target Support Assembly	
216-2232	Trigger Ionization Chamber Assembly	
5F6704	6" Diaphragm Assembly	
5F5293	6" Diaphragm Housing Sub-Assembly	
5F6714	12" Diaphragm Assembly	
5F5453	12" Diaphragm Housing Sub-Assembly	

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Measurements Project Development	216-10	
Equipment	Salsig/rg	
Master List of Assemblies	9-25-51	
216-2261	Dimensional - Top of Pipe Position Page 1	
216-2271	Dimensional - Top of Pipe Position Page 2	
5H5356	8" Vacuum Valve Assembly	
5H5846	Components Assembly on Roof - Station 131 Victor	
5H7476	Vacuum Pump Piping Assembly	
Marked Print 4E2333-1	2" Vacuum Gate Valve Assembly	
4E2461	Kerotest Valve with 1/2" R. L. Tubing Union Assembly	
4E2333	2" Screwed Vacuum Gate Valve Assembly	
216-1712	Squeeze Roll Assembly	
5M3084	Series D X-Ray Head Assembly	
5M3695	Detector III Assembly	
5H8753	Manifold Valve Assembly	
5F3923	VMF 260 Pump Water Cooled Baffle Assembly	
5M1154	Air Intake (Equalizer) Manifold Assembly	
5M2333	Mark III Shovel Assembly	
5M1032	Guard Ring Insulator Assembly	
5H6532	Detector Condenser Assembly	
5H7911	Amphenol Plug Assembly	
5M1123	Coax Line Assembly	
5M1944	Master Pressure Manifold Assembly	
5M1186	Dolly Assembly	
5M1612	Trap Cover Assembly	
5H8753	Valve Assembly	
5M1763	Air Intake Manifold Assembly	

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Measurements Project Development - Equipment

216-10

X-Ray Sources for Detector Development

Garland

X-Ray Dolly - Original Configuration

9-17-51

25355	Dolly & Components	
26385	X-Ray Machine - Complete Dolly	
4K7604	X-Ray Dolly	
4K6702	Dolly Corner	
25363	Detail of Dolly Spark Gap & Blower	
25493	X-Ray Dolly Spark Gap - Elevation Detail	
25503	X-Ray Dolly Spark Gap - Plan & End View	
4K6502	Fixed Electrode	
4K6512	Adjustable Electrode	
4K6573	Muffler Housing	
4K6582	Muffler Housing End Frame	
4K6741	Adjustable Electrode Bushing	
4K6751	Adjustable Electrode Bushing Nut	
4K6761	Adjustable Electrode Spacer	
4K6771	Fixed Electrode Spacer	
4K6842	Muffler End Plate	
4K6852	Muffler Baffle - Outer	
4K6862	Muffler Baffle - Inner	
4K6872	Muffler Baffle Spacer	
4K6883	Drain Screen	
4K6891	Drain Screen Centering Plate	
4K6984	Air Inlet Shroud	
4K6992	Air Inlet Shroud Cover	

CALIFORNIA - MERCURY

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Measurements Project Development - Equipment		216-10
X-Ray Sources for Detector Development		Garland
X-Ray Dolly - Original Configuration		9-17-51
4K7732	Bushing	
4K7742	Adjustable Electrode Bushing Nut	
4J7752	Trigger Electrode Bushing Nut	
4K7762	Fixed Electrode Spacer	
4K7772	Adjustable Electrode Spacer	
4K7782	Muffler Housing Outer	
4K7792	Muffler Housing Inner	
4K7802	Muffler Housing End Plate	
4K7812	Muffler Housing Baffle Spacing	
4K7824	Drain Screen	
4K7832	Drain Screen Pilot - Fixed Electrode	
4K7842	Drain Screen Pilot - Trigger Electrode	
4K7854	Muffler Air Inlet Shroud	
4K7862	Muffler Air Inlet Shroud Cover	
4K7881	Trigger Electrode	
4K9302	Blower Air Filter Retaining Frame	
25484	X-Ray Dolly Vacuum Manifold	
4K7614	Dolly Vacuum Manifold	
4K7632	Liquid Air Trap	
4C7771	Valve Disc Retainer	
4K7642	Valve Stem	
4K7652	Valve Stem Guide	
4K7662	Valve Stem Wilson Seal Plate	

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Measurements Project Development - Equipment

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X-Ray Sources for Detector Development

Garland

X-Ray Dolly - Original Configuration

9-17-51

4K7672	Valve Stem Wilson Seal Nut	
4K7682	Gate Valve Disc	
4C7771	Valve Disc Retainer	
5C2142	Liquid Air Trap Cover	
4K6201	4" Pyrex Pipe Window Loading Gasket	
4G5481	4" Pyrex Pipe Window Flange	
4G5081	4" Pyrex Pipe Threaded Collar	
4G5071	4" Pyrex Pipe Plain Collar	
4K6156	Detector Housing	
4K6162-1	Detector Housing Face Plate - Opaque	
4K6162-2	Detector Housing Face plate - Transparent	
4K6183	Detector Housing Base Board	
4K6193-1	Detector Housing Inspection Port Cover - Opaque	
4K6193-2	Detector Housing Inspection Port Cover - Transparent	
4K6201	Detector Housing Window Loading Gasket	
4G5481	4" Pyrex Pipe Window Flange	
5C2111-1	4" Pyrex Pipe Window Gasket 1/16	
5C2111-2	4" Pyrex Pipe Window Gasket 1/8	
216-1351	Detector Housing Spacer Stanchion	
4K6173	Faceplate Drill Jig	
5F7581	Ion Gage Mounting Plate	
5C2111-1	Vacuum Manifold Pyrex Pipe Gasket	
5F1031	1/4" Wilson Seal Gasket	

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Measurements Project Development - Equipment		216-10	
X-Ray Sources for Detector Development		Salsig/rg	
X-Ray Dolly - Original Configuration		9-20-51	
5F1041	1/2" Wilson Seal Gasket		
5F7573	Detector Housing Adapter		
5F7563	Pyrex Pipe Adapter		
2Y2813	Transformer Tank Assembly		
2Y2822	Transformer Tank Top		
2Y2832	Transformer Tank Cover Flange		
2Y2842	Transformer Tank Wall		
2Y2852	Transformer Mounting Plate		
2Y2862	Transformer Tank Bottom		
2Y2872	Transformer Tank Mounting Plate		
2Y2881	Transformer Tank Terminal Post		
2Y2891	Transformer Tank Side Terminal Post		
2Y2901	Transformer Tank Special Plug Bolt		
2Y2911	Standard Bolt Modification		
2Y2921	Transformer Tank Special Bolt		
3T5532	Schematic & Parts List (Pulser)		
10Z2112	Core Detail		
216-1441	High Voltage Wiring - Internal		
216-1451	High Voltage Wiring - External		
216-1461	Capacitor Terminal		
216-1471	Spark Gap Ground Terminal		
216-1481	Spark Gap Capacitor Terminal		

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JOB Measurements Project Development - Equipment 216-10

X-Ray Sources & Accessories for Detector Development Salsig/rg

Series A Electrode Structure 9-18-51

UNIVERSITY OF CALIFORNIA RADIATION LABORATORY

PART NO.	DESCRIPTION	REMARKS
25334	First Design - Cathode Anode Assembly	
25343	Second Design - Cathode Anode Assembly	
25533	Series A Electrode Structure	
4K7892	Cathode Support Tube	
4K7901	Cathode Support Tube Clamp Ring	
4K7911	Cathode Ring	
4K7921	Cathode Ring Retainer	
4K7932	Cathode Center Rod Insulating Collar	
4K7941	Cathode Center Rod Adjusting Collar	
4K8071	Cathode Support Tube Mounting Plate	
4K8082	Cathode Center Rod Housing	
4K8091	Cathode Center Rod Insulating Collar Screw	
4K8101	Cathode Center Rod Wilson Seal Nut	
4K8111	Cathode Center Rod Inner Adjusting Nut	
4K8121	Anode Target	
4K8131	Anode Support	
4K8141	Anode Support Wilson Seal Plate	
4K8151	Anode Support Wilson Seal Nut	
4K8161	Anode Support Yoke	
4K8171	Anode Target Guiding Stud	
4K8201	Cathode Center Rod	
5F1001	Series A-2 Anode	
5F1011	Series A-2 Anode Support	
5F1571	Cathode Trigger Electrode Series A-2	

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Measurement Project Development - Equipment		216-10
X-Ray Sources & Accessories for Detector Development		Salsig/rg
Series C Electrode Structure		9-24-51
27963	Cathode Layout	
27993	Type B Water Cooled Anode #1	
5F8233	Cathode Mount Flange	
5F8242	Cathode Support Tube	
5F8311-1	Cathode Filament Terminal	
5F8311-2	Cathode Filament Terminal (Opp. Hand)	
5F8301	Cathode Mount Ring	
5F8291	Cathode Grid Clamp Ring	
5F8281	Cathode Grid	
5F8251	Cathode Ring Nut	
5F8261	Cathode Washer Ring	
5F8271	Cathode Shim Ring	
5F8411	Anode Clamp Ring	
5F8403	Anode	
5F8423	Anode Mount Flange	
5F8434	Anode Terminal Shield	
5F8651	Anode Shield Clip	
5F8671	3/8 Synthane Screw	
5F8661	1/4 Synthane Screw	
5F8612	Cable Terminal Disc	
5F8631	Tube Clamp Spacer	
5F8641	Tube Clamp	
5F8604	Cable Terminal Cone	
5F8622	Cable Terminal Ring	
5H1061	Lead	

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Measurements Project Development - Equipment

216-10

X-Ray Sources & Accessories for Detector Development

Salsig/rg

Series D Electrode Structure

9-24-51

PART NO	DESCRIPTION	REVISION
5M3084	Series D X-Ray Head Assembly	
216-2091	Cable Terminal to X-Ray Head	
5M1803	Ring	
5M1812	Ground Shield	
5M3091	Anode	
5M3101	Anode Butt	
5M3111	Anode Tube	
5M3121	Water Terminal	
5M3131	1/4-20 Insert	
5M3251	Thumb Screw	
5M3261	Filament Bus	
5M3271	Cathode Insulator	
5M3281	Grid	
5M3243	Fluorescer Ground Shield	
5M3141	Anode Squirt Tube	
5M1851	Shim Ring	
5M3731	Cable Clamp Ring	
5M3741	Cable Coax Cone	
5M3811	Center Pin Connector	

REVISIONS: 1. 5M3101 - 5/15/51

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JOB Measurements Project Development - Equipment	JOB NO. 216-10
X-Ray Sources & Accessories for Detector Development	PREPARED BY Salsig/rg
Series C Power Supply	DATE 9-19-51

RADIATION LABORATORY - UNIV OF CALIFORNIA - BERKELEY

PART NO.	DESCRIPTION	QUANTITY
5H1024	Power Supply - Series C Assembly	
5F7594	Oil Tank	
5F76C4	Oil Tank Cover	
5F8441	Resistor Mount Bracket	
5F8451	Vacuum Tube Support Clip	
5F8461	Vacuum Tube Support Spring	
5F8471	Insulator Flange	
5F8481	Spring Support Angle	
5F8491	Oil Tank Post Pad	
5F8501	Vacuum Tube Support Disk	
5F8511	Transformer Support Angle	
5F8522	Vacuum Tube Support Plate	
5F8532	Lifting Lug	
5F8543	Inside Mounting Plate	
5F8554	Rack for Internal Components	
5F8801	Oil Level Window	
5F8811	Oil Level Window Gasket	
5F8821	Oil Level Window Frame	
5F8831	Viewing Window	
5F8841	Viewing Window Gasket	
5F8851	Resistor Mount Strip	
5F8861	Tank Stanchion	
5F8873	Tank Lid Gasket	
5H1001	Insulator Flange Gasket	
5H1011	Insulator Terminal Lead	

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Measurements Project Development - Equipment

216-10

Miscellaneous Experimental Equipment for Detector Devel.

Salsig/RG

Spectrometer Table (Installed in Detector Tank 4K6156)

9-17-51

25284	Assembly	
25372	Plan View of Worm Gear	
25381	Front View of Inner Table Worm Housing	
25391	Front View of Outer Table Worm Housing	
4K7333	Rotating Table Base	
4K7343	Center Table Worm Gear	
4K7353	Outer Table Worm Gear	
4K7361	Center Table Mounting Screw	
4K7371	Center Table Mounting Nut	
4K7453	Outer Table	
4K7461	Center Table	
4K7471	Center Table Collar	
4K7481	Center Table Mounting Screw Jam Nut	
4K7491	Index Circle Vernier	
4K8282	Outer Table Worm Housing	
4K8292	Inner Table Worm Housing	
4K8301	Worm Housing Cover	
4K8311	Worm Shaft	
4K8321	Worm Shaft Bearing Inner Race Spacer	
4K8332	Worm Shaft Bearing Outer Race Spring	
4K8341	Worm Shaft Driving Nut	
4K8351	Worm Drive Shaft Wilson Seal	
4K8361	Outer Table Wilson Seal Shaft	
4K8381	Inner Table Wilson Seal Shaft	
4K8391	Worm Wilson Seal Shaft Handle	

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Measurement Project Development - Equipment		216-10	
Miscellaneous Experimental Equipment for Detector Devel.		Salsig/rg	
Spectrometer Table (Installed in Detector Tank 4K6156)		9-20-51	
4K8401	Worm Wilson Seal Shaft Handle Lock Nut		
4K8411	Worm Wilson Seal Shaft Knob Rework		
4K8421	Hold Down Dog		
4K8371	Outer Table Wilson Seal Shaft		
25413	Viewing Telescope Mounting		
25903	Telescope Mount		
5F1731	Telescope Mounting Plate		
5F1741	Telescope Mounting Plate Stud		
4K8794	Faceplate Sub-Assembly		
4K8802	Viewing Window Welding Neck		
4K8761	Viewing Window		
4K8771	Viewing Window Flange		
4K8781	Viewing Window Loading Gasket		
4K8812	Base Board Mounting Bracket		
25873	Spectrometer - Detector Tube Leads		
4K9522	Detector Tube Mount		
4K9531	Detector Tube Retaining Strap		
4K9542	Swivel Tube		
4K9553	Swivel Tube Support		
4K9561	Swivel Joint Spring		
4K9571	Vacuum Seal Carrier Plate		
4K9581	Coaxial Connector Carrier Plate		

DRAWING LIST

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<small>JOB</small>	Measurements Project Development - Equipment	<small>NO. 216-10</small>	216-10
	Miscellaneous Experimental Equipment for Detector Devel.	<small>BY SALSIG/rg</small>	Salsig/rg
	4K6156)		
	Calibration Ionization Chamber 'I (Used with Detector Tank	<small>DATE 9-18-51</small>	9-18-51
<small>NO.</small>	<small>DESCRIPTION</small>	<small>DATE</small>	<small>BY</small>
25743	Calibration Ionization Chamber I		
4K9134	Body		
4K9142	Body End Cover		
4K9151	Window Retaining Frame		
4K9161	Electrode Lead Bushing		
4K9171	Bushing Retaining Collar		
4K9181	Bushing Seal Washer		
4K9191	Collector Electrode Insulator		
4K9202	Coaxial Connector Carrier Plate		
4K9211	Coaxial Connector Carrier Plate Spacer		
4K9222	Connection Box Cover		
4K9242	Collector Electrode		
4K9251	Detector Housing Ion Chamber Faceplate		
25862	Faceplate Ion Chamber Window		
5F3243	Faceplate (For use with Spectrometer)		
4K9341	Faceplate Window Adapter		
4K9351	Faceplate Window Retaining Frame		
4K9361	Faceplate Window Cover		
4K9371	Ion Chamber Spacer Stud		
26373	Xenon Transfer Manifold		
4K9401	Filling Manifold Cold Trap Sub-Assembly		
4K9411	Filling Manifold Cold Trap Nipple		

✓ CALIFORNIA LABORATORY - DIVISION OF CALIFORNIA DEPARTMENT OF HEALTH SERVICES

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Measurements Project Development - Equipment

216-10

Misc. Experimental Equipment for Detector Development

Salsig/rg

Detector Calibration Chamber I (for Shovels)

9-24-51

29924	Detector Calibration Tank I	
216-1692	Support Bench	
5H1894	Tank	
5H2593	Side Port Cover	
5H2603	End Port Cover	
5H2613	Fluorescer Side Port Cover	
5H2623	Pump End Cover	
5H2633	Top Cover	
5H2812	Fluorescer Wheel	
5H2821	Fluorescer Wheel Drive Shaft	
5H2831	Fluorescer Wheel Shaft	
5H2852	Fluorescer Wheel Bearing	
5H2861	Fluorescer Drive Seal	
5H2871	6" Port Cover	
5H2881	Absorber Port Cover	
216-1351	Tank Support Posts	
5H3001	Angle Shield Support	
5H3011	Edge Shield Support	
5H3021	Target Support	
5H3032	Detector Electrode	
5H3043	Detector Electrode Shell	
5H3053	Detector Electrode Support	
5H3063	Side Shield	
5H3073	Mounting Plate	

DRAWING LIST

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Measurements Project Development - Equipment

216-10

Misc. Experimental Equipment for Detector Development

Salsig/rg

Detector Calibration Chamber I (for. Shovels)

9-24-51

216-1071	Fluorescer Wheel Index	
216-1081	Fluorescer Wheel Index pin	
216-1091	Fluorescer Wheel Hand Wheel	
4K9222	Connection Box Cover	
4K9211	Connection Box Spacer	
5F2951	Electrode Lead Bushing	
5F2961	Electrode Lead Washer	
5F3011	Electrode Lead	
4K9202	Coaxial Corner Plate	
4K9171	Bushing Clamp Collar	
5H2603	Rework End Tank Cover	
5F9072	Window Adapter	
5F2991	Window Frame	
5H2893	Absorber Tube	
5F7563	Pyrex Pipe Adapter	
5H1384	Index End Tube	
5H1373	Mounting Bar	
5H4313	Blind End Tube	
5H1421	Clamp	
5H1391	Push Rod	
5H1411	Index Pin	
5H1401	Index Pin Bracket	
5H1741-2	Tie Bar - Threaded	
5H1741-1	Tie Bar - Clearance	

DRAWING LIST

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Measurements Project Development - Equipment

216-10

Misc. Experimental Equipment for Detector Development

Salsig/rg

Detector Calibration Chamber I (for Shovels)

9-24-51

5H1584

Fluorescer Modification 6" Vac. Pipe Tee

5H2752

Target Support Tube

5H2762

Target Support Tube Gland

5H2771

Target Support Tube Gland Nut

REPRODUCTION OF THIS DRAWING IS PROHIBITED

DRAWING LIST

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	Measurements Project Development - Equipment	216-10
	Misc. Experimental Equipment for Detector Development	Salsig/rg
	Calibration Tank II	9-24-51
PART NO.	DESCRIPTION	DATE
216-1722	Shovel Calibration Assembly	
216-1733	Tank Extension (Used with X-Ray Dolly Detector Housing 4K6156)	
216-1741	Detector Support II	
216-1751	Detector Back Plate	
216-1761	Detector Support Shaft	
216-1771	Detector Shaft Seal	
216-1781	Pivot Handle	
216-1791	Pivot Adjustment	
216-1801	Detector Support	
216-1811	Detector Base Plate	
216-1822	Detector Slide Way	
216-1831	Slide Way Pad	
216-1841	Shovel Case Window	
216-1851	Guard Ring Contact	
216-1861	Mount Plate	
216-1871	Amphenol Plug Rework	
216-1881	Amphenol Insulator Rework	

DIVISION OF CALIFORNIA DEPARTMENT OF WATER RESOURCES

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Measurements Project Development - Equipment

216-10

Miscellaneous Experimental Equipment for Detector Devel. Salsig/rg

PREP. DATE

Fluorescors (Used as Secondary Targets)

9-18-51

PART NO.	DESCRIPTION	QUANTITY
25813	Secondary Target (For Series A Electrode Structure)	
4K9112	Secondary Target	
4K9122	Secondary Target Support Collar	
5F6974	Fluorescer Wheel Assembly	
5F5871	Fluorescent Wheel Shaft	
5F5881	Fluorescent Wheel Drive Shaft	
5F5891	Fluorescent Wheel Bearing	
5F5902	Fluorescent Wheel Support Tube	
5F5912	Fluorescent Wheel & Ionization Chamber Plate	
5F5922	Fluorescer Wheel	
5H1373	Series C Fluorescer Mounting Bar	
5H1384	Index End Tube	
5H1391	Push Rod	
5H1401	Index Pin Bracket	
5H1411	Index Pin	
5H1421	Clamp	
5H1584	Fluorescer Modification - 6" Vac. Pipe Tee	
5H1741	Tie Bar	
5H1871	Cover Plate	
5H4313	Blind End Tube	

UNIVERSITY OF CALIFORNIA - BERKELEY
 RADIATION LABORATORY

DRAWING LIST

SECTION 4 PAGE 1

JOB Measurements Project Development - Equipment

NO. 216-10

Detector Type Proving Experiments

PREPARED BY Salsig/rg

Px Detectors and Low Pass Filters

DATE 9-18-51

PART NO.

DESCRIPTION

QUANTITY

26433 Px Detector - Series A (Used on Spectrometer)

5F2143 Housing

5F2152 Base Plate

5F2161 Electrode

5F2171 Electrode Support Insulator

5F6962 Px Detector - Series B Electrode

25822 Low Pass Filter - Series A (Used on Spectrometer)

4K9262 Supporting Frame

4K9271 Supporting Frame Cover Plate

4K9281 Wall

4K9291 Wall Spacer

5F2981 Low Pass Filter - Series B Blade

5F3682 Low Pass Filter - Series C Blade

5F7472 Low Pass Filter - Series C Blade Blank

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SECTION	PAGE
4	3

JOB Measurement Project Development - Equipment

JOB NO. 216-10

Detector Type Proving Experiments

PREPARED BY Salsig/rg

F1 Px Detector - Series A

DATE 9-19-51

PART NO.	DESCRIPTION	REMARKS
26443	F1 Px Detector - Series A	
5F2143	Housing	
5F2152	Base Plate	
5F2163	Electrode	
5F2171	Electrode Support Insulator	
5F2671	Signal Electrode	
5F2683	Collector Electrode	
5F2692	Collector Electrode Cover	
5F2703	Electrode Support Ring	
5F2711	Mounted Target	
5F2721	Collector Electrode Support Insulator	
5F2731	Collector Electrode Spacing Insulator	
5F2741	Signal Electrode Support Insulator	
5F2751	Signal Electrode Spacing Insulator	
5F2904	Window Carrier Vacuum Cover	
5F2912	Pump Manifold	
5F2924	Face Plate	
5F2931	Window Adapter	
5F2941	Window Retaining Frame	
5F2951	Electrode Lead Busning	
5F2961	Electrode Lead Washer	
5F3011	Electrode Lead	
5F3021	Pyrex Cross Window End Plate	
5F3032	Liquid Air Trap	
5F3043	Mounting Bracket	

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Measurements Project Development - Equipment

216-10

Detector Type Proving Experiments

Salsig/rg

F1 Px Detector - Series B

9-20-51

28044	F1 Px Detector - Series B	
4E8081	Ion Gage Body Fitting	
4K9171	Bushing Retaining Collar	
5F9011	Terminal Box	
5F9021	Terminal Box Cover	
5F9031	Collector Electrode Support Insulator	
5F9041	Collector Shield Support Insulator	
5F9051	Packing Gland Nut	
5F9061	Packing Gland Ring	
5F9072	Window Adapter #1	
5F9082	Target Tube	
5F9092	Target Tube Packing Gland	
5F9102	Tee Manifold	
5F9113	Vacuum Tank Cover Inlet Lid	
5F9123	Vacuum Tank Cover Exit Lid	
5F9134	Detector Electrode Shield	
5F9144	Detector Electrode	
5F9154	Vacuum Tank	
5F9164	Vacuum Tank Stand	
5F2931	Window Adapter #2	
5F2941	Window Retaining Frame	
5F2951	Terminal Lead Insulating Bushing	
5F2961	Terminal Lead	
5F3011	Terminal Lead	

DRAWING LIST

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Measurements Project Development - Equipment

216-10

Detector Type Proving Experiments

Salsig/rg

F1 Px Detector - Series B

9-20-51

✓ 5F3021 Pyrex Tube Window End Plate

✓ 5F3032 Liquid Air Trap

✓ 216-1411 Window Adapter

216-1421 Collimation Window

216-1431 Collimation Tube

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DRAWING LIST		5	1
Measurements Project Development - Equipment		216-10	
200 Ft. Absorption & Scattering Test		Salsig/rg	
Series A Vacuum Pipes - 6" & 12" (Used Behind Bldg. #46)		9-19-51	
26775	Vacuum Pipe Layout - 6" & 12" Pipe		
26784	Vacuum Pipe - 6" Vee Pipe 16 1/2" Flange		
26813	6" Vacuum Pipe Handling Lugs		
26823	6" & 12" Vacuum Pipe Gasket Joints		
5F3514	6" Vacuum Pipe		
5F3523	6" Vacuum Pipe Drill Jig		
5F8032	6" Pipe Flange - Pre-welding Machining		
5F3591	6" Pipe Facing Detail		
5F3694	12" Vacuum Pipe / (5F5853----12" Pipe Drill Jig)		
5F3822	6" Vacuum Pipe Gasket Plate		
5F3832	12" Vacuum Pipe Gasket Plate		
5F4076	6" Vee Vacuum Pipe		
5F5843	12" Pipe End Cover		
5F5853	6" Pipe End Cover		
26794	VMF 260 Pumping Manifold		
26833	Preliminary Study - Pumping Manifold		
5F4253	6" Vacuum Pipe Pumping Tee		
5F4274	6" Vacuum Pipe Pump Manifold		
5F4282	6" Pump Manifold Valve Housing		
5F3923	VMF 260 Water Cooled Baffle		
5F3913	Water Cooled Baffle Machining Fixture		
5F3931	Water Cooled Baffle Soldering Fixture		
5F3941	Water Cooled Baffle Soldering Fixture Base		
5F3951	Water Cooled Baffle Soldering Fixture Ring		

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Measurements Project Development - Equipment		216-10	
200 Ft. Absorption & Scattering Test		Salsig/rg	
Series A Vacuum Pipes - 6" & 12" (Used Behind Bldg. #46)		9-19-51	
5F9001	VMF 260 Forepump Flange		
5F3961	Diffusion Pump Gate Valve Disc		
5F8712	VMF 260 Gate Valve Disc Series B		
5F3971	Diffusion Pump Gate Valve Retainer		
5F3982	Diffusion Pump Gate Valve Stem		
5F3991	3/4" Chevron Seal Nut		
5F4001	Valve Stem Handle		
5F4124	Pumping Station Liquid Air Trap		
5F8582	Blank Cover Liquid Air Trap Port		
26853	Vacuum Pipe - 12" Pipe Adjustable Diaphragm		
26863	Vacuum Pipe - 6" Pipe Adjustable Diaphragm		
5F6704	6" Diaphragm Assembly		
5F4263	6" Vacuum Pipe Diaphragm Housing		
5F5293	6" Diaphragm Housing Sub-Assembly		
5F5301	Diaphragm Viewing Window		
5F5311	Diaphragm Viewing Window Retainer		
5F5322	Diaphragm Viewing Window Neck		
5F5331	Diaphragm Adjustment Rod Boss		
5F5343	6" Fixed Diaphragm - 141' Level		
5F5351	Fixed Diaphragm - 65' Level		
5F5361	Diaphragm Adjustment Wilson Seal Body		
5F5371	Diaphragm Adjustment Wilson Seal Nut		
5F5381	Diaphragm Adjustment Wilson Seal Shaft		
5F5392	Diaphragm Adjustment Collar		

DRAWING LIST

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Measurements Project Development - Equipment		216-10
200 Ft. Absorption & Scattering Test		Salsig/rg
Series A Vacuum Pipes - 6" & 12" (Used Behind Bldg. #46)		9-19-51
5F6714	12" Diaphragm Assembly	
5F5401	6" Adjustable Diaphragm	
5F4813	12" Vacuum Pipe Diaphragm Housing	
5F5453	12" Diaphragm Housing Sub-Assembly	
5F5463	12" Diaphragm Fixed	
5F5471	12" Adjustable Diaphragm	
5F5531	Diaphragm Adjustment Boss (45°)	
5F5541	Diaphragm Adjustment Boss (30°)	
26843	Vacuum Pipe - Preliminary Study - Station 131 Arrangement	
26804	Vacuum Pipe - Preliminary Study - Detector Housing	
5F4954	Test Pipe Detector Housing	
5F4942	Adapter - Detector Housing to Vacuum Manifold	
5F7773	Preliminary Design Bellows Connections	
5F4054	Pipe Support Stand	
5F5701	6" Pipe Saddle	
5F5711	6" Pipe Bolt Washer	
5F5721	6" Pipe "U" Bolt	
216-1391	House for Vacuum Gages, Power Supplies, etc.	
216-1401	Tool Cabinet	
Marked Print 4703A	Kinney Oil Pan	
MARKED PRINT 4C9382A	Forevac Flexible Nipple	

DRAWING LIST

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Measurements Project Development - Equipment

216-10

Eniwetok Installation - Series B Vacuum Pipe

Salsig/rg

8" Vacuum Gate Valve

9-21-51

PART NO.	DESCRIPTION	
5H5356	8" Vacuum Valve Assembly	
5H5344	Housing	
5H5852	8" Flange	
5H5323	Cover Plate	
5H5313-1	Gate Plate	
5H5282	Gate Spacer Bar	
5H5292	Guide Plate	
5H5221	Gate Tension Spring	
5H5241	Spring Attachment Pin	
5H5211	Gate Guide Pin	
5H5302	Valve Stem	
5H5332	Valve Stem Handle	
5H5201	Valve Stem Attachment Block	
5H5231	Chevron Seal Nut	
5H5251	Outer Wedge Block	
5H5261	Center Wedge Block	
5H5271	Bearing Retainer Plate	
5H5401	Bearing Retainer Bushing	
5H6383	ByPass Line	
5H6371	1" "O" Ring Flange	
5H7941	Forevac Welding Neck	

RADIATION LABORATORY - DIV. OF CALIFORNIA - BERKELEY

DRAWING LIST		6	2
Measurements Project Development - Equipment		216-10	
Eniwetok Installation - Series B Vacuum Pipes		Salsig/rg	
8" & 30" Pipes		9-21-51	
28564	Design 11 - Plane View Pipe Centerlines		
28015	Design 11 - Elevation - Flange Position		
28105	Design 11 - Elevation Showing Tower		
27703	8" & 30" Pipe Flange Details		
5F8733	8" Pumping Tee		
5F8742	8" Pipe Facing Detail		
5F8752	8" Pipe Flange - Pre-welding Machining		
5F8792	8" Pipe Handling Ear		
5F8894	8" Vacuum Pipe (24' -- 5")		
5F8903	8" Vacuum Pipe (9' -- 9 5/8")		
5F8912	8" Pipe Drill Jig		
5F8943	30" Pipe Facing Detail (2' - 5") (10' - 11") (1' - 1")		
5F8953	30" Pipe Flange, Pre-welding Machining		
5F8963	30" Pipe Handling Ear		
5F8973	30" Drill Jig		
5F8986	30" Vacuum Pipe (11' - 0")		
5H1044-1	30" Vacuum Pipe (2' - 6") & (1' - 2")		
28005	End View of Junction Section		
5H1606	8" Pipe Junction Section		
5H1614	8" Junction Section 30" Flange		
5H1624	8" Pipe Sub-Assembly for Junction Section		
5H1633	Junction Section Spacer		
5H1642	8" Pipe Junction Section Handling Ear		

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101	Measurements Project Development - Equipment	216-10
	Eniwetok Installations - Series B Vacuum	Salsig/rg
	Pumping Manifold & Erection Fixtures	9-21-51
5H5846	Components Assembly on Roof - Station 131 Victor	
5H7476	Vacuum Pump Piping Assembly	
28176	Pump Manifold Layout	
5H4256	Pump Manifold	
5H3784	2" Pump Outlet Vacuum Valve	
5H3794-1	4" Flange Bellows	
5H3794-2	4" Flange Bellows	
5H4263	4" Flanged Elbow	
5H4273	4" Pipe Gasket Plate	
Marked Print 4C9382	Forevac Flexible Nipple	
Marked Print 4E2333-1	2" Vacuum Gate Valve Assembly	
4E2461	Kerotest Valve with 1/2" R.L. Tubing Union Assembly	
5H3794	4" Flange Bellows	
5H3784	2" Pump Outlet Vacuum Valve	
5F3923	VMF 260 Water Cooled Baffle	
5H7482	Modified MB100 Diffusion Pump	
5H7492	Diffusion Pump Mounting Ring	
5H7502-1	Male Pipe Thread to Solder Fitting Nipple	
5H7502-2	Male Pipe Thread to Solder Fitting Nipple	
5H7502-3	Male Pipe Thread to Solder Fitting Nipple	
5H7502-4	Male Pipe Thread to Solder Fitting Nipple	
5H7512	DVD Pump Inlet Tee	
5H7522	2" Gasket Flange	
Marked Print 4703	Oil Pan - DVD 8810 Kinney	
4E2333	2" Screwed Vacuum Gate Valve Assembly	

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	Measurements Project Development - Equipment	216-10
	Eniwetok Installations - Series B Vacuum Pipes	Salsig/rg
	Diaphragm Housing (Collimator)	9-24-51
29015	Adjustable Diaphragms	
5M1164	Diaphragm Housing	
5M1272	Diaphragm Housing Window	
5M1282	Diaphragm Housing Window Gasket Plate	
5M1292	Diaphragm Housing Window Retaining Frame	
5M1723	Adjustment Seal Plate	
5M1733	Adjustment Shaft	
5M1742	Adjustment Chevron Seal Nut	
5M1314	Installation of 1/4" Polyethylene Liner	
5M1302	Diaphragm Housing Fixed Partition	
5M1663	Diaphragm Movable Frame	
5M1673	Diaphragm Frame Support Lug	
26924	Diaphragm Collimators	
5M3291	Top Clamp Ring B	
5M3301	Top Clamp Ring D	
5M3311	Top Clamp Ring A	
5M3321	Bottom Clamp Ring	
5M3621	Top Clamp Ring C	
5M3631	Bottom Clamp Ring C	
5M3641	Clamp Screw	
5M3651	Clamp Nut	
5M3661	Carbon Disk C	
5M3671	Lead Disk C	
5M3681	Collimating Plug C	

DIVISION OF PHYSICS
 UNIVERSITY OF CALIFORNIA

DRAWING LIST

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Measurements Project Development - Equipment

216-10

Eniwetok Installations - Series B Vacuum Pipes

Salsig/rg

Plastic Pipe Top Section

9-24-51

PART NO.	DESCRIPTION	REV.
27986	Plastic Cap Section Design	
5H3805	Winding Mandrel	
216-1181	Headstock Trunnion	
216-1191	Tailstock Trunnion	
216-1704	"Permafil" Tank & Winding Mechanism	
216-1712	Squeeze Roll Assembly	
216-1164	Winding Mechanism Frame	
216-1173	"Permafil" Reservoir	
216-1301	Squeeze Roll Sideplate	
216-1231	Squeeze Roll Sideplate Spacer	
216-1291	Squeeze Roll Slide Bearing	
216-1321	Squeeze Roll	
216-1281	Squeeze Roll Spring Guide	
216-1211	Squeeze Roll Assembly Baffle	
216-1201	Squeeze Roll Assembly Tie Bolt	
216-1251	Tape Spool	
216-1311	Spool Shaft & Brake Drum	
216-1221	Spool Spacer	
216-1331	Back Roll	
216-1261	Lead Roll Spindle	
216-1271	Lead Roll	
216-1241	Lead Roll Tray	

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Measurements Project Development - Equipment		216-10
Eniwetok Installations - Series B Vacuum Pipes		Salsig/rg
Pre-Shipment Proving Installation @ Livermore		9-24-51
27905	Horizontal Proving Installation Geometry	
27915	Horizontal Proving Installation - 8" Pipe Support	
27926	Horizontal Proving Installation - 20" & 30" Support & Anchor	
5H2946	Support Column	
5H2954	Pipe Hanger Plate	
5H2964	Pipe Hanger	
5H2973	Lateral Adjustment Jack Block	
5H2983	Lateral Adjustment Jack Screw	
5H3294	20" & 30" Pipe Support	
5H3303	Side Brace Angle	
5H3313	30" Side Brace	
5H3323	30" Pipe Hanger Beam	
5H3333	20" & 30" Pipe Hanger Beam	
5H3343	Hanger Plate	
5H3353	20" Pipe Hanger	
5H3363	20" Pipe Side Brace	
5H3373	Clamp Washer	
5H3396	Anchor	
5H3402	8" Pipe Junction Section Jack Plate	
5H3583	20" & 30" Pipe Support Clevis	
5H3144	Building Arrangement for Horizontal Proving Installation	
Job Order	216-10, Serial #33128 -- Manifold Connection Elbows	

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Measurements Project Development - Equipment

216-10

Eniwetok Installations - Series B Vacuum Pipes

Salsig/rg

Tower Platforms

9-24-51

28105	10th Design - Elevation - 8" Pipes & Tower	
5H5864	Lateral Brace & Work Platform 25	
5H4324	Lateral Brace & Work Platform Elevation 37 1/2	
5H5874	Lateral Brace & Work Platform Elevation 62 1/2	
5H7234	Work Platform Elevation 75	
5H5884	Lateral Brace & Work Platform Elevation 87 1/2	
5H5894	Lateral Brace & Work Platform Elevation 100	
5H6194	Lateral Brace & Work Platform Elevation 112 1/2	
5H6204	Lateral Brace & Work Platform 125	
5H6214	Lateral Brace & Work Platform 127 1/2	
5H6336-1	Lateral Brace & Work Platform 150	
5H6366-2	Lateral Brace & Work Platform 162 1/2	
5H6526	Lateral Brace & Work Platform 187 1/2	
5H6874	Platform End Beam	
5H7002	8" Pipe Clamp Modification	
5H7012	Junction Section Collar	
216-1111	30" Pipe Clamp	
216-1121	Link Assembly	
216-1131	Turnbuckle Body	
5H7801	Turnbuckle Lug	
216-1141	8" Pipe Shield	
216-1151	30" Pipe Shield	

DRAWING LIST

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Measurements Project Development - Equipment

216-10

Eniwetok Installations - Detectors

Salsig/rg

Detector III Vacuum Tank & Vacuum System

9-25-51

5M3695

Detector III Assembly

5H6936-1

Vacuum Tank Right Hand

5H6936-2

Vacuum Tank Left Hand

5H8662

Radiation Traps

5H8651

Radiation Traps Gasket Plate

5H8753

Manifold Valve Assembly

5H7444

Manifold

5H7241

Valve Closing Nut

5H7251

Chevron Seal Nut

5H7261

Valve Cover Plate

5H7271

Valve Disk

5H7281

Valve Disk Retainer

5H7291

Valve Handle

5H7302

Valve Stem

4E4352-3

3/4 D. Chevron Seal Spring Washer

1G1351

3/4 D. Chevron Seal Pressure Ring

3G6021

3/4 D. Chevron Seal Gasket

1G1291

Lantern Ring

1G1381

Seat Ring

5H7351

Liquid Nitrogen Trap Cover

5H7363

Liquid Nitrogen Trap Shroud

5H7373

Liquid Nitrogen Heat Shield

5H7384

Liquid Nitrogen Trap

DRAWING LIST

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2

Measurements Project Development - Equipment

216-10

Eniwetok Installations - Detectors

Salsig/rg

Detector III Vacuum Tank & Vacuum System

9-25-51

5F3923

VMF 260 Pump Water Cooled Baffle Assembly

5H9352

Ion Gage Terminal Bracket

5H7332

Tank Side Cover Plate

5H7344

Tank Front Cover Plate

5M1154

Air Intake (Equalizer) Manifold Assembly

5M1141

Intake Manifold Flange

5M1131

Intake Manifold Adapter

5H8753

Vacuum Valve

OFFICE OF THE DIRECTOR OF THE BUREAU OF THE ARMY OF THE UNITED STATES OF AMERICA

DRAWING LIST

7

3

Measurement Project Development - Equipment

216-10

Eniwetok Installations - Detector

Salsig/rg

Detector III - Mark III Shovel Assembly

9-25-51

5M2333

Mark III Shovel Assembly

29644

Standard Detector Layout

5M1032

Guard Ring Insulator Assembly

5H6281

Outer Guard Ring Bushing

5H6291

Inner Guard Ring Bushing

5H6301

Guard Ring

5H6311

Baffle Disk

5H6321

Baffle Ring

5H6331

Shovel Stem

5H6342

Support Plate

5H6353

Shovel Case

5H9322

Short Shovel

5H9311

Shovel Case Window

5M2101

Detector Spacer

5M2161

Attenuator

216-2071

Insulator Stem Wrench

216-2081

Insulator Guard Ring Wrench

216-2161

Guard Ring Bushing Assembly Tool

216-2051

"O" Ring Starter Plug

216-2061

"O" Ring Starter Ring

5M2141

Socket Head Wrench Adapter

5M1913

Small Tank

DRAWING LIST

7 4

Measurements Project Development - Equipment

216-10

Eniwetok Installations - Detector

Salsig/rg

Detector III - Mark III Shovel Assembly

9-25-51

5M2191

Small Tank Flange

REPRODUCTION OF ORIGINAL DRAWING

DRAWING LIST

7 6

Measurements Project Development - Equipment.

216-10

Eniwetok Installations - Detectors

Salsig/rg

Detector III - Fluorescer Supports, Partition Window, Lead

Baffles 9-25-51

5H8584	Fluorescer Holder #1 (Bottom)	
5H8594	Fluorescer Holder #2	
5H8603	Fluorescer Holder #3	
5H8614	Fluorescer Holder #4	
5H8624	Fluorescer Holder #5 (Top)	
5M3231	Foil Punch	
5M3771-1	Polystyrene Windows .005 x 3 3/4" Dia.	
5M3771-2	Beryllium Windows .006 x 2" Dia.	
5M3771-3	Polystyrene Windows .020 x 2" Dia.	
5M3771-4	Polystyrene Windows .048 x 2" Dia.	
5M3771-5	Aluminum Windows .028 x 2" Dia.	
5H7391	Frame (Large) Window	
5H7401	Window Clamp (Large)	
5H7411	Window Frame (Small)	
5H7421	Window Clamp (Small)	
5H7431	Pump Out Hole Cover Plate	
5H8633	Lead (Pb) Baffle Plates #1 thru #4	
5H8643	Lead (Pb) Baffle Plate #5	
5H9211	Pump Out Hold Lead Plug	
29654	Detector Target Fluorescers Layout	

DRAWING LIST

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Measurements Project Development - Equipment

216-10

Eniwetok Installation - Detectors

Salsig/rg

Detector III Condenser Assembly

9-25-51

PART NO.	DESCRIPTION	DATE
5H6532	Detector Condenser Assembly	
5H6543	Condenser Housing	
5H6552	Condenser Tube	
5H6561	Condenser Contactor	
5H6571	Insulating Support	
5H7041	Condenser Coupling	
5H6592	3" Reducer Inner Conductor	
5H6582	3" Reducer Housing	
5H7831	Housing - Model B	
5H7841	Inner Conductor - Model B	
5H7852	3" Reducer Inner Conductor - Model B	
5H7862	3" Reducer Housing - Model B	
5H7901	Insulating Support - Model B	
5H7911	Amphenol Plug Assembly	
5H7921	Amphenol Body Rework	
5H7931	Amphenol Insulator Rework	
5H8551	Female Plug Coupling	
5H8561	Female Plug Short Bushing	
5H8741	Female Plug Long Bushing	
5H9221	H. V. Connecting Wire	
5M1123	Coax Line Assembly	

DRAWING LIST		7	12
Measurements Project Development - Equipment		216-10	
Eniwetok Installations - Detectors		Salsig/rg	
"Bremsstrahlung" Detector Vacuum System		9-25-51	
29875	B. S. Tank & Detector		
29665	B. S. Detectors - Vacuum System		
5M1116	B. S. Detector Tank		
5M1174	B. S. Detector Tank Extension		
5H8662	Radiation Traps		
5H8651	Radiation Traps Gasket Plate		
5H1656	Manifold		
5H1584	Liquid Nitrogen Trap		
5M1594	Liquid Nitrogen Trap Shield		
5M1603	Trap Shroud		
5M1631	Trap Cap Shield		
5M1641	Trap Cap Shield Spacer		
5M1621	Liquid Nitrogen Trap Cap		
5M1612	Trap Cover Assembly		
1A1591	Ion Gage Fitting		
5H8753	Valve Assembly		
5H7241	Valve Closing Nut		
5H7251	Chevron Seal Packing Nut		
5H7261	Valve Cover Plate		
5H7271	Valve Disk		
5H7281	Valve Disk Retainer		
5H7302	Valve Stem		
4E4352-3	3/4 Dia. Chevron Seal Spring Washer		

DRAWING LIST

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Measurements Project Development - Equipment

216-10

Eniwetok Installations - Detectors

Salsig/rg

"Bremmstrahlung" Detector - Condensers & Coax

9-25-51

5H8834 3 1/8 Right Angle Ell Assembly

5H9133 Outer Conductor

5H9143 Inner Conductor

5H9153 Insulator

5H9163 Inner Conductor Female Connector

5H9173 Inner Conductor Male Connector

5H9183 Outer Conductor Male Flange

5H9193 Outer Conductor Female Flange

NOTE: Except as noted above, condensers and
coaxial line connections are identical
with Detector III Installation.

DRAWING LIST

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Measurements Project Development - Equipment

216-10

Eniwetok Installations - Detector III Calibration

Salsig/rg

White Ion Chamber (For Monitoring Series D Electrode Structure 9-2-51

NO.	DESCRIPTION	DATE
29554	White Ion Chamber - Tentative Layout	
29543	White Ion Chamber Layout	
5M3823	Ion Chamber Cross Section Assembly	
5M2393	White Ion Chamber	
5M2403	White Ion Flange	
5M2411	White Ion Index Plate	
5M2421	White Ion Hinge	
5M2431	White Ion Bracket	
5M2441	White Ion Coax Shield	
5M2451	White Ion Insulator	
5M3041	White Ion Guard Ring	
5M3051	White Ion Anode	
5M3061	White Ion Cover	
5M3071	White Ion Plug	
5F7161	Window Retaining Frame	
5M1851	Shim Ring	
5M2151	Ion Box Collimator 3/8 Hole	
5M2161	Attenuator 1/8 Plate	
5M1953	Ion Chamber	
5M1962	Ion Chamber Leg	
5M1972	Ion Chamber Flange	
5M1981	Guard Ring	
5M1991	Coax Insulator	
5M2001	Coax Clamp	
5M2011	Ion Chamber Cover Plate	

DRAWING LIST

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	Measurements Project Development	216-10
	Eniwetok Installations - Detectors	Salsig/rg
	"E" Trigger	9-24-51
✓	5M2216	"E" Trigger Assembly
✓	5M2226	Inner Conductor
	5M2236	Outer Conductor
✓	5M2241	Filling Valve (Modified 1/8" I.P.T. Hoke)
✓	5M2251	Compound Gage
✓	5H6291	Guard Ring Inner Bushing
	5H6301	Guard Ring
✓	5H6281	Outer Guard Ring Bushing
✓	5M2262	Inner Conductor Support Pin
✓	5M2273	Guard Ring Cover Plate
✓	5M2283	Guard Ring Cap
✓	5M2292	Guard Ring Lock Screw
✓	5M2302	Guard Ring Compression Sleeve
✓	5M2313	Guard Ring Lock Nut
✓	5H7041	Condenser Coupling
✓	5H6532	Detector III Coax. Line Condenser Assembly
✓	5H7252-2	Detector III Coax. Line 3" Reducer Inner Conductor
✓	5H7901	Detector III Coax. Line Insulating Support (Large)
✓	5M2322	Condenser 3" Reducer Housing
✓	5H7911	Detector Supply Lead - Amphenol Plug Assembly
	Job Order 216-10 Serial #34127	Guard Ring Blocking Disc (For Shipping)

DRAWING LIST

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Measurements Project Development - Equipment

216-10

Eniwetok Installation

Salsig/rg

Miscellaneous Fabrication for Electrical Division

9--20-51

5H7796	Power Supply Impregnation Assembly	
5H7741	Motor Mounting Ring	
5H7752	2" Pipe Flange	
5H7763	Oil Trap	
5H7774	Bell Jar Cover Plate	
5H7784	Cold Air Tank	
4K7632	Liquid Air Trap	
5H7094	Vacuum Gage Monitor System - Microswitch Assembly	
5H7051	Switch Shim Plate	
5H7061	Cam Pin	
5H7072	Cam Plate	
5H7083	Mounting Plate	
5H7094	Switch Assembly	
5H9334	7 KV Battery Power Supply Assembly	
5H7784	Cold Air Tank	
5H9241	Cover Plate	
5H9251	Shaft Adapter	
5H9261	Shaft Insulator	
5H9272	Switch Base Insulator	
5H9283	Battery Box	
5H9293	Panel	
5H9303	Chassis	

