# INSTALLATION DRAWING LIST

| REV. | DWG. NUMBER | TITLE |
|---|---|---|
| | | P&ID'S |
| 2 | V049-0-001 | LEGEND/STATION DIAGRAMS (3 SHTS.) |
| 2 | V049-0-002 | BEAM SPLITTER CHAMBER ALL BUT CORNER VERTEX ARMS |
| 3 | V049-0-003 | BEAM SPLITTER CHAMBER CORNER VERTEX ARMS |
| 3 | V049-0-004 | HORIZONTAL ACCESS MODULE |
| 2 | V049-0-005 | 112cm & 122cm GATE VALVES |
| 6 * | V049-0-006 | 80K CRYOPUMP |
| 1 * | V049-0-007 | CHAMBER PRESSURIZATION SYSTEM |
| 5 * | V049-0-010 | WA LEFT END STATION |
| 5 * | V049-0-011 | WA LEFT MID STATION |
| 5 * | V049-0-012 | WA LEFT BEAM MANIFOLD |
| 5 * | V049-0-013 | WA VERTEX SECTION |
| 5 * | V049-0-014 | WA DIAGONAL SECTION |
| 5 * | V049-0-015 | WA RIGHT BEAM MANIFOLD |
| 5 * | V049-0-016 | WA RIGHT MID STATION |
| 5 * | V049-0-017 | WA RIGHT END STATION |
| 3 * | V049-0-018 | WA CORNER STATION MECHANICAL ROOM /2 |
| | | DRAWING TREE/BOM STRUCTURE |
| (1 *) | V049-0-100 | GENERAL PROJECT (SHT. 1 OF 3) /2 |
| (1 *) | V049-0-100 | WASHINGTON SITE (SHT. 2 OF 3) /2 |
| (1 *) | V049-0-100 | LOUISIANA SITE (SHT. 3 OF 3) /2 |
| | | APPLICABLE SPECIFICATIONS |
| (1 *) | V049-1-101 | ANCHOR BOLT INSTALLATION PROCEDURE /2 |
| 2 * | V049-2-014 | LEAK CHECK PROCEDURE |
| 2 * | V049-2-015 | CLEANING PROCEDURE |
| (3 *) | V049-2-021 | INSTALLATION/COMMISSIONING SPEC. /2 |
| 2 * | V049-2-022 | ELECTRICAL AND INSTRUMENT CONSTRUCTION SPEC. |
| 1 | V049-2-023 | PROJECT SAFETY PLAN |
| 1 | V049-2-029 | PROJECT Q.A. PLAN |
| 5 * | V049-2-037 | PIPING DESIGN AND MATERIAL SPECIFICATION |
| (1 *) | V049-2-059 | SPEC FOR SMALL VACUUM VALVES /2 |
| (2 *) | V049-2-060 | SPEC FOR CLEAN QUATER TURN VALVES /2 |
| 0 | V049-2-070 | WELDING PROCEDURES |
| 2 | V049-2-071 | WELDING PROCEDURES |
| 2 | V049-2-072 | WELDING PROCEDURES |
| 0 | V049-2-073 | WELDING PROCEDURES |
| 0 | V049-2-074 | MATERIAL/WELDING REPAIR SCHEDULE |
| 0 | 49-2-116 | ISOLATABLE SECTION BAKEOUT PROCEDURE |
| 0 | V049-2-018 | CLEAN ROOM ACTIVITIES |
| 1 | V049-2-119 | CONTAMINATION CONTROL PLAN |
| 0 | V049-2-120 | RAW MATERIAL HANDLING PROCEDURE |
| (1 *) | V049-2-123 | SPEC. COMPONENT PACKING, HANDLING, & SHIPPING /2 |
| 0 | V049-2-124 | CONTROL OF NON-CONFORMANCE |
| 1 | V049-2-128 | VISUAL INSPECTION PROCEDURE |
| 0 | V049-2-130 | BLACK LIGHT TEST PROCEDURE |
| 1 | V049-2-131 | SITE PIPING CLEANING PROCEDURE |
| 0 | V049-2-132 | SITE VACUUM SURFACE RE-CLEANING PROCEDURE |
| 0 | V049-2-137 | RGA CALIBRATION |
| 2 * | V049-2-139 | STRUCTURAL CARBON STEEL FABRICATION AND PAINTING |
| 3 * | V049-2-144 | SOFTWALL CLEAN ROOM PANELS - HAM |
| 3 * | V049-2-145 | SOFTWALL CLEAN ROOM PANELS - BSC |
| 1 | V049-2-157 | PORTABLE SOFTWALL CLEAN ROOMS |
| 1 | V049-2-163 | THERMAL INSULATION-PIPING |
| 1 | V049-2-164 | 80K PUMP RELIEF VALVE SPEC. |
| 0 | V049-2-168 | CONFLAT FLANGE ASSEMBLY PROCEDURE |
| 0 | V049-2-169 | O-RING INSTALLATION AND FLANGE ASSEMBLY PROCEDURE |
| 0 | V049-2-174 | COMPONENT ALIGNMENT PROCEDURE |
| 0 | V049-2-175 | VACUUM PUMP FIELD INSTALLATION PROCEDURE |
| (0 *) | V049-2-178 | SPEC. PREFABRICATED VACUUM AND CL 100 AIR PIPING /2 |
| | | COMPONENT ACCEPTANCE TESTS PROCEDURES |
| 0 | V049-2-102 | 80K PUMPS |
| 0 | V049-2-104 | ROUGHING PUMPS |
| 0 | V049-2-105 | TURBOMOLECULAR PUMPS |
| 0 | V049-2-106 | ION PUMPS |
| 0 | V049-2-107 | LARGE GATE VALVES |
| 0 | V049-2-108 | 6", 10", 14" GATE VALVES |
| 1 | V049-2-109 | CLEAN AIR SUPPLIES |

| REV. | DWG. NUMBER | TITLE |
|---|---|---|
| (1 *) | V049-2-110 | PORTABLE SOFT WALL CLEANROOMS /2 |
| 0 | V049-2-111 | SMALL VALVES |
| 0 | V049-2-112 | BAKEOUT SYSTEM BLANKETS AND CARTS |
| | | SYSTEM ACCEPTANCE TEST PROCEDURES |
| 2 * | V049-2-113 | CORNER STATIONS |
| 2 * | V049-2-114 | MID STATIONS |
| 2 * | V049-2-115 | END STATIONS |
| | | ELECTRICAL DRAWINGS |
| 4 * | V049-3-001 | ELECTRICAL DRAWING LIST (2 SHTS.) |
| | | MECHANICAL DRAWINGS |
| 4 * | V049-4-002 | HORIZONTAL ACCESS MODULE (HAM) |
| 3 | V049-4-003 | BSC SHELL WELDMENT/MACHINING (4 SHEETS) |
| 3 * | V049-4-004 | 80K CRYOPUMP, LONG LEFT HAND (2 SHEETS) |
| 3 * | V049-4-005 | 80K CRYOPUMP, SHORT RIGHT (2 SHEETS) |
| 2 * | V049-4-006 | 80K CRYOPUMP, LONG RIGHT HAND (2 SHEETS) |
| 2 * | V049-4-007 | 80K CRYOPUMP, SHORT LEFT HAND (2 SHEETS) |
| 3 * | V049-4-010 | ROUGHING PUMP CART ARRANGEMENTS |
| 3 * | V049-4-011 | TURBO PUMP CART ARRANGEMENTS |
| 1 | V049-4-012 | BASE EXTENSION-TURBO PUMP CART |
| 4 * | V049-4-014 | COVER, BSC TYPE I |
| 3 | V049-4-017 | 44 1/4" I.D. FLANGE DETAIL (GROOVED) |
| 2 | V049-4-018 | 48 1/4" I.D. FLANGE DETAIL (GROOVED) |
| 4 | V049-4-019 | 60 1/2" I.D. BSC FLANGE DETAIL (GROOVED) |
| 2 | V049-4-020 | 72 1/4" I.D. FLANGE DETAIL (GROOVED) |
| 3 | V049-4-021 | 84 1/4" I.D. FLANGE DETAIL (GROOVED) |
| 5 | V049-4-022 | 104 1/2" I.D. FLANGE DETAIL (GROOVED) |
| 4 | V049-4-023 | BSC SUPPORT ASSY. |
| 4 * | V049-4-025 | BSC ANNULUS PIPING |
| 1 | V049-4-028 | 72 1/4" I.D. FLANGE DETAIL (FLAT FACED) |
| 1 | V049-4-029 | 48 1/4" I.D. FLANGE DETAIL (FLAT FACED) |
| 5 | V049-4-031 | 60 1/2" I.D. HAM FLANGE DETAIL (GROOVED/SLOTTED) |
| 3 | V049-4-032 | 60 1/2" I.D. HAM FLANGE DETAIL (FLAT FACED) |
| 1 | V049-4-033 | 44" GATE VALVE SUPPORT FRAME |
| 1 | V049-4-034 | 48" GATE VALVE SUPPORT FRAME |
| 1 | V049-4-036 | BSC INTERNAL PLATFORM DETAILS |
| 3 | V049-4-040 | HAM TIE ROD ASSY. |
| 2 | V049-4-041 | 104 1/2" I.D. FLANGE DETAIL (FLAT FACED) |
| 1 | V049-4-042 | 44 5/8" I.D. FLANGE DETAIL (FLAT FACED) |
| 1 | V049-4-043 | PIPE BRIDGE-CORNER STATION |
| 1 | V049-4-045 | BSC RGA/AUX. TURBO CONN. ASSY. |
| 1 * | V049-4-046 | BSC RGA/AUX TURBO/GAUGE PAIR ASSY. |
| 1 | V049-4-047 | 44 5/8" ID x 80" OD FLANGE DETAIL (FLAT FACED) |
| 3 | V049-4-052 | VESSEL SUPPORT (HAM) |
| 1 | V049-4-053 | EXPANSION JOINT (HAM) |
| 5 * | V049-4-054 | HAM ANNULUS PIPING |
| 2 | V049-4-055 | 60 1/2" ID RING DETAIL REDUCING UNION |
| 1 | V049-4-056 | 30 1/2" ID x 68 1/4" OD FLANGE DETAIL (FLAT FACED) |
| 3 | V049-4-057 | 30 1/2" ID x 68 1/4" OD FLANGE DETAIL (GROOVED) |
| 1 | V049-4-058 | 44 5/8" ID x 60 1/2" ID FLANGE DETAIL |
| 4 * | V049-4-059 | SHIPPING COVER WITH FILTER UNITS |
| 4 | V049-4-060 | 44 1/4" ID FLANGE DETAIL (GROOVED/SLOTTED) |
| 0 | V049-4-061 | 3/4" OD ELBOW x 2 3/4" C.F. FLG. ANNULUS CONN. |
| 1 | V049-4-064 | 60 1/2" ID x 68 1/2" OD BE-3A FLANGE (FLAT) |
| 2 * | V049-4-066 | 60 1/2" ID x 72 1/4" OD OFFSET FLANGE (BE3A) |
| 3 * | V049-4-067 | 61.31" ID x 72 1/4" OD BE-3A FLANGE (GROOVED) |
| 2 * | V049-4-068 | 48 1/4" ID x 60 1/2" ID OFFSET FLANGE |
| 1 * | V049-4-070 | 48.81 ID x 68 1/4" OD FLANGE DETAIL (FLAT FACED) |
| 0 | V049-4-071 | 48.81 ID x 80 OD FLANGE DETAIL (FLAT FACED) |
| 1 | V049-4-072 | PS-1 PIPE SUPPORT TEE POST (LN2 PIPING) |
| (2 *) | V049-4-073 | PS-2 PIPE SUPPORT /2 |
| 1 | V049-4-074 | PS-3 PIPE SUPPORT TEE POST |
| 2 * | V049-4-075 | PS-4 PIPE/ELECTRICAL SUPPORT |
| 0 * | V049-4-076 | PS-5 PIPE SUPPORT @ 80K LONG PUMP |
| 3 * | V049-4-077 | 75 L/S ION PUMP/MANIFOLDS |
| 2 * | V049-4-078 | 25 L/S ION PUMP/MANIFOLDS |
| 1 | V049-4-079 | 48 1/4" ID x 68 1/4" OD FLANGE DETAIL |
| 1 * | V049-4-080 | SHIPPING COVER ASSY.- WITHOUT FILTER ASSY. |
| 1 | V049-4-081 | 48 1/4" ID FLANGE DETAIL (GROOVED/SLOTTED) |
| 0 * | V049-4-082 | PS-6 PIPE SUPPORTS @ BACKING PUMPS |
| 0 | V049-4-087 | 60 1/2" ID x 80" OD FLANGE DETAIL (FLAT FACED) |
| 2 | V049-4-090 | 80K PUMP RESERVOIR-SHORT RIGHT (3 SHTS.) |

| REV. | DWG. NUMBER | TITLE |
|---|---|---|
| 0 | V049-4-091 | 80K PUMP RESERVOIR-SHORT LEFT (3 SHTS.) |
| 1 | V049-4-092 | 80K PUMP RESERVOIR-LONG LEFT (3 SHTS.) |
| 0 | V049-4-093 | 80K PUMP RESERVOIR-LONG RIGHT (3 SHTS.) |
| 2 | V049-4-094 | 80K PUMP RESERVOIR SUPPT, ASSY, SHORT (2 SHTS.) |
| 2 | V049-4-095 | 80K PUMP RESERVOIR SUPPT, ASSY, LONG (2 SHTS.) |
| 1 | V049-4-096 | 72 1/4" ID FLANGE DETAIL (GROOVED) |
| 1 * | V049-4-097 | 60 1/2" ID FLANGE DETAIL (FLAT FACED) |
| 2 * | V049-4-098 | 60 1/2" ID FLANGE DETAIL (FLAT/SLOTTED) |
| 0 | V049-4-099 | 72 1/4 ID FLANGE DETAIL (FLAT/SLOTTED) |
| 1 | V049-4-101 | BSC OVERALL ASSY. |
| 1 * | V049-4-106 | 25 L/S ANNULUS TUBING-44" G.V. TYPE III |
| 2 * | V049-4-107 | 25 L/S ION PUMP VALVE SUPPORT (2 SHTS.) |
| 1 * | V049-4-108 | 25 L/S ANNULUS TUBING 48" G.V. TYPE I |
| 3 * | V049-4-109 | ANNULUS TUBING & ION PUMP ASSY. 44" G.V. |
| 1 * | V049-4-110 | 25 L/S ANNULUS TUBING 48" G.V. TYPE II |
| 3 * | V049-4-114 | 80K LONG-SHIELD ASSY. RH/LH (3 SHTS.) |
| 3 * | V049-4-117 | 80K SHORT-SHIELD ASSY. RH/LH (3 SHTS.) |
| 3 | V049-4-118 | 80K LONG-VERTICAL WELDMENT LH (2 SHTS.) |
| 2 | V049-4-119 | 80K LONG-VESSEL WELDMENT RH (2 SHTS.) |
| 2 | V049-4-120 | 80K SHORT-VESSEL WELDMENT LH (2 SHTS.) |
| 3 | V049-4-121 | 80K SHORT VESSEL WELDMENT RH (2 SHTS.) |
| 1 * | V049-4-122 | 75L ION PUMP SUPPORT |
| 1 * | V049-4-123 | HAM 75L ION PUMP SUPPORT |
| 0 | V049-4-124 | BELLOWS 1" DIA. TIE-ROD ASSY. |
| (4 *) | V049-4-127 | 84 1/4" ID ACCESS COVER-HAM /2 |
| 3 | V049-4-128 | HAM SHELL WELDMENT ASSY. "D" (3 SHTS.) |
| 0 | V049-4-129 | HAM ANNULUS FLEX HOSE |
| 1 | V049-4-132 | 44 5/8" ID FLANGE DETAIL (GROOVED) |
| 3 * | V049-4-133 | BSC CLEAN ROOM ASSY-STYLE 1 & 3 |
| 3 * | V049-4-134 | BSC CLEAN ROOM WELDMENT STYLE 1 & 3 |
| 2 * | V049-4-135 | BSC CLEAN ROOM ASSY. |
| 1 * | V049-4-136 | CLEAN ROOM ASSY.- HAM |
| 1 * | V049-4-137 | CLEAN ROOM STRUCTURE WELDMENT - HAM |
| 2 * | V049-4-138 | BSC CLEAN ROOM WELDMENT |
| 0 | V049-4-140 | 80K LONG-LEG ASSY. |
| 0 | V049-4-141 | 80K SHORT-LEG ASSY. |
| 2 | V049-4-142 | 16 1/2" OD CONFLAT REDUCING FLANGES |
| 0 | V049-4-144 | 60 1/2" ID FLANGE DETAIL BE-3A (FLAT FACED) |
| 0 | V049-4-145 | LN2 TANK BASE TEMPLATE |
| 1 | V049-4-146 | 80K HEAD/NOZZLE ASSY. |
| 1 | V049-4-147 | 80K HEAD/NOZZLE ASSY. |
| 1 | V049-4-148 | 80K SHIELD SUPPORT LUG |
| 0 | V049-4-158 | BELLOWS 1 1/4" DIA. TIE-ROD ASSY. |
| 0 * | V049-4-159 | LIFTING LUG |
| 0 * | V049-4-161 | 80K PUMP 2" JACKETED LINE |
| 0 | V049-4-163 | GATE VALVE FIN CLAMP |
| 1 * | V049-4-164 | 25 L/S ANNULUS TUBING-44" G.V. TYPE I |
| 1 * | V049-4-165 | ANNULUS TUBING & ION PUMP ASSY. 48" G.V. |
| 1 * | V049-4-166 | 25 L/S ANNULUS TUBING-44" G.V. TYPE II |
| 0 | V049-4-168 | ASSEMBLY BACK TO AIR CART, 50 CFM |
| 0 | V049-4-175 | ASSEMBLY BACK TO AIR CART, 100 CFM |
| 1 * | V049-4-176 | 14KW REGEN HEATER ASS'Y. |
| 1 * | V049-4-177 | 28KW REGEN HEATER ASS'Y. |
| 0 * | V049-4-194 | 12" OD CONFLAT BLANK x 2 3/4 OD CONFLAT |
| 0 * | V049-4-195 | 12" OD CONFLAT BLANK x 25 KF |
| 0 * | V049-4-196 | 8" OD CONFLAT BLANK x 25 KF |
| 0 * | V049-4-197 | 10" OD TUBE BELLOWS-TURBO PUMP |
| 2 * | V049-4-199 | BSC SHIPPING SKID |
| 0 * | V049-4-203 | BSC-ANNULUS TUBE SUPPORT |
| 0 * | V049-4-204 | BSC AIR FILTER ASSY. |
| 0 * | V049-4-206 | HAM ANNULUS TUBING SHIPPING SUPPORT |
| 0 | V049-4-302 | BSC TEST/SHIP ASSY (TWO DOORS) |
| 0 | V049-4-303 | BSC TEST/SHIP ASSY (THREE DOORS) |
| 0 | V049-4-304 | BSC TEST/SHIP ASSY (NO DOORS) |
| 0 | V049-4-305 | BSC TEST/SHIP ASSY (ONE DOOR) |
| 4 * | V049-5-001 | EQUIPMENT ARR'T. PLAN, CORNER STA. WA (SHT 1 OF 2) |
| 4 * | V049-5-001 | EQUIPMENT ARR'T. ELEVATION, (SHT. 2 OF 2) |
| 1 | V049-5-002 | EQUIPMENT ARR'T. ISO, CORNER STA, WA |
| 4 * | V049-5-004 | EQUIPMENT ARR'T. RIGHT MID STA., WA |
| 4 * | V049-5-005 | EQUIPMENT ARR'T. RIGHT END STA, WA |
| 4 * | V049-5-006 | EQUIPMENT ARR'T. LEFT MID STA, WA |
| 4 * | V049-5-007 | EQUIPMENT ARR'T. LEFT END STA, WA |
| 1 | V049-5-010 | EQUIPMENT ARR'T. ISO, RIGHT MID STA, WA |
| 1 | V049-5-011 | EQUIPMENT ARR'T. ISO, RIGHT END STA, WA |

| REV. | DWG. NUMBER | TITLE |
|---|---|---|
| 4 * | V049-5-012 | PIPING ARR'T, PLAN CORNER STA. WA (4 SHTS.) |
| 3 * | V049-5-013 | PIPING ARR'T, ELEVATION, CORNER STA, WA |
| 4 * | V049-5-014 | PIPING ARR'T, SECTIONS, CORNER STA, WA |
| 3 * | V049-5-017 | PIPING ARR'T, PLAN, RIGHT MID STA, WA (4 SHTS.) |
| 3 * | V049-5-018 | PIPING ARR'T, ELEVATION, RIGHT MID STA. WAC2 SHTS.) |
| 3 * | V049-5-019 | PIPING ARR'T, SECTIONS, RIGHT MID STA, WA |
| 3 * | V049-5-021 | PIPING ARR'T, RIGHT END STA, WA (2 SHTS.) |
| 3 * | V049-5-022 | PIPING ARR'T, ELEVATION, RIGHT END STA. WA |
| 3 * | V049-5-023 | PIPING ARR'T, SECTIONS, RIGHT END STA, WA |
| 3 * | V049-5-026 | PIPING ARR'T, PLAN, LEFT MID STA, WA (4 SHTS.) |
| 3 * | V049-5-027 | PIPING ARR'T, ELEVATION, LEFT MID STA. WAC2 SHTS.) |
| 3 * | V049-5-028 | PIPING ARR'T, SECTIONS, LEFT MID STA, WA |
| 3 * | V049-5-030 | PIPING ARR'T, PLAN, LEFT END STA, WA (2 SHTS.) |
| 3 * | V049-5-031 | PIPING ARR'T, ELEVATION, LEFT END STA, WA |
| 3 * | V049-5-032 | PIPING ARR'T, SECTIONS, LEFT END STA, WA |
| 0 | V049-5-033 | OVERALL FLANGE ARR'T, CORNER STA. WA |
| 0 | V049-5-035 | OVERALL FLANGE ARR'T, MID STA. WA |
| 0 | V049-5-036 | OVERALL FLANGE ARR'T, TYPICAL END STA, WA & LA |
| 0 | V049-5-037 | CLEAN ROOM WITH BSC ASSY. |
| 0 | V049-5-050 | SURVEY-BENCHMARKS-CORNER STA, WA |
| 0 | V049-5-051 | SURVEY-BENCHMARKS- MID STA, WA & LA |
| 0 | V049-5-052 | SURVEY-BENCHMARKS-END STA, WA & LA |
| | | PSI ADAPTER & SPOOL DETAIL DRAWINGS |
| 3 * | V049-4-A1 | ADAPTER |
| 3 * | V049-4-A3 | ADAPTER |
| 3 * | V049-4-A6 | ADAPTER |
| 3 * | V049-4-A7A | ADAPTER |
| 2 * | V049-4-A7B | ADAPTER |
| 3 * | V049-4-A12 | ADAPTER |
| 3 * | V049-4-A13 | ADAPTER |
| 3 * | V049-4-A14 | ADAPTER |
| 4 * | V049-4-A15 | ADAPTER |
| 3 * | V049-4-BE2 | SPOOL |
| 4 * | V049-4-BE3 | SPOOL |
| 5 * | V049-4-BE3A | SPOOL |
| 4 * | V049-4-BE4 | SPOOL |
| 5 * | V049-4-BE5 | SPOOL |
| 5 * | V049-4-BE6 | SPOOL |
| 4 * | V049-4-B1 | SPOOL |
| 4 * | V049-4-B2A | SPOOL |
| 5 * | V049-4-B2B | SPOOL |
| 4 * | V049-4-B3A | SPOOL |
| 4 * | V049-4-B4 | SPOOL |
| 4 * | V049-4-B5A | SPOOL |
| 4 * | V049-4-B5B | SPOOL |
| 6 * | V049-4-B6 | SPOOL |
| 5 * | V049-4-B7 | SPOOL |
| 3 * | V049-4-B8 | SPOOL |
| 4 * | V049-4-B9 | SPOOL |

* = DRAWINGS ADDED/REVISED SINCE MARCH 1997

09720330-02-V

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| DWG. NO. | DESCRIPTION | DWG. NO. | DESCRIPTION |
|---|---|---|---|
| | REFERENCE DRAWINGS | | |

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES
FRACTIONAL ±
ANGULAR MACH ± BEND ±
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005
FINISHED SURFACE RMS
BREAK CORNERS ON OUT
REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING

USED ON

NEXT ASS'Y

| REV | DESCRIPTION | DWN | CHKD | DRWN | DATE | DCO# |
|---|---|---|---|---|---|---|
| 2 | REISSUED FOR FDR UPDATE/ CONSTRUCTION | DMV | REC | REC | 07/17/97 | 0524 |
| 1 | REISSUED FOR FDR UPDATE/ CONSTRUCTION | DMV | REC | REC | 07/07/97 | 0512 |
| 0 | ISSUED FOR FDR UPDATE/ CONSTRUCTION | DMV | REC | DA | 6/27/97 | 0365 |

ISSUE DESCRIPTION

PROCESS SYSTEMS INTERNATIONAL INC.
20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA

INSTALLATION DOCUMENT LIST
WASHINGTON SITE
LIGO VACUUM EQUIPMENT

| CAD FILE | SIZE | DWG NO. | REV. |
|---|---|---|---|
| V0490000 | D | V049-0-000 | 2 |
| SCALE: NONE | | SHEET: 1 OF 1 | |

Jul 07, 1997 - 10:07:25