

Vandenberg Air Force Base,
Space Launch Complex 10, Blockhouse
(Facility 1654)
North end of Aero Road
Lompoc
Santa Barbara County
California

HAER No. CA-296-A

PHOTOGRAPHS

Historic American Engineering Record
Pacific Great Basin Support Office
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HISTORIC AMERICAN ENGINEERING RECORD

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Photographer: Martin Stupich, 2001

- CA-296-A-1 GENERAL OVERVIEW OF BLOCKHOUSE. NOTE BUILDING 1656 ON RIGHT; VIEW TO WEST.
- CA-296-A-2 SOUTH AND EAST SIDES; VIEW TO NORTHWEST.
- CA-296-A-3 SOUTH SIDE. NOTE INSTRUMENTATION TRENCH IN FOREGROUND; VIEW TO NORTH
- CA-296-A-4 WEST AND SOUTH SIDES; VIEW TO NORTHEAST.
- CA-296-A-5 NORTH AND WEST SIDES; VIEW TO SOUTHEAST.
- CA-296-A-6 DETAIL OF NORTH SIDE WITH STAIRS TO ROOF AND PENTHOUSE; VIEW TO SOUTH.
- CA-296-A-7 “SELF-HELP” PENTHOUSE; VIEW TO EAST.
- CA-296-A-8 SOUTH SIDE BLAST DOOR; VIEW TO NORTHWEST.
- CA-296-A-9 WEST BLOCKHOUSE CONTROL ROOM. NOTE OBSERVATION ROOM AT REAR; VIEW TO NORTHWEST.
- CA-296-A-10 WEST BLOCKHOUSE CONTROL ROOM, CONTROL CONSOLES; VIEW TO SOUTH.
- CA-296-A-11 WEST BLOCKHOUSE CONTROL ROOM, CIRCUIT PANEL; VIEW TO EAST.
- CA-296-A-12 EAST BLOCKHOUSE, EQUIPMENT PANEL; VIEW TO EAST.

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- Reference: Originals of the photographic reproductions of engineering drawings CA-296-A-13 Through CA-296-A-27 of HAER report CA-296 are located in 30 CES/CECB, Base Planning, Drawing Vault, Building 11443, Vandenberg Air Force Base. Photographs are 8" x 10" enlargements of 4" x 5" large-format negatives.
- CA-296-A-13 Photograph of engineering drawing
LAUNCH COMPLEX 75-2 MODIFICATIONS: ELEVATIONS, SECTIONS & DETAILS, PLAN OPERATIONS BUILDING, SPEC NO.: 0C1-ASI-63-42 (REV), DRAWING NO.: A-4, FILED UNDER 1654-3-1, JULY 1963.
- CA-296-A-14 Photograph of engineering drawing.
LAUNCH COMPLEX 75-2 MODIFICATIONS: LAUNCH OPERATIONS & R.I.M. BLDGS. - AIR CONDITIONING, SPEC NO.: 0C1-ASI-63-42 (REV), DRAWING NO.: M-2, FILED UNDER 1654-3-2, JULY 1963.
- CA-296-A-15 Photograph of engineering drawing.
LAUNCH COMPLEX 75-2, MODIFICATIONS: LAUNCH OPERATIONS BUILDING – ELECTRICAL, SPEC NO.: 0C1-ASI-63-42 (REV), DRAWING NO.: E-3, FILED UNDER 1654-3-3, JULY 1963.
- CA-296-A-16 Photograph of engineering drawing.
LAUNCH COMPLEX 75-2, MODIFICATIONS: LAUNCH OPERATIONS BLDG – VICINITY MAP & PARTIAL POWER PLAN, SPEC NO.: 0C1-ASI-63-42 (REV), DRAWING NO.: E-6, FILED UNDER 1654-3-4, AUGUST 1963.
- CA-296-A-17 Photograph of engineering drawing.
LAUNCH COMPLEX 75-2, MODIFICATIONS: LAUNCH OPERATIONS BLDG – POWER & DETAILS, SPEC NO.: 0C1-ASI-63-42 (REV), DRAWING NO.: E-7, FILED UNDER 1654-3-5, AUGUST 1963.
- CA-296-A-18 Photograph of engineering drawing.
LAUNCH COMPLEX 75-2, MODIFICATIONS: LAUNCH OPERATIONS BLDG – AIR CONDITIONING, SPEC NO.: 0C1-ASI-63-42 (REV), DRAWING NO.: M-3, FILED UNDER 1654-3-8, AUGUST 1963.

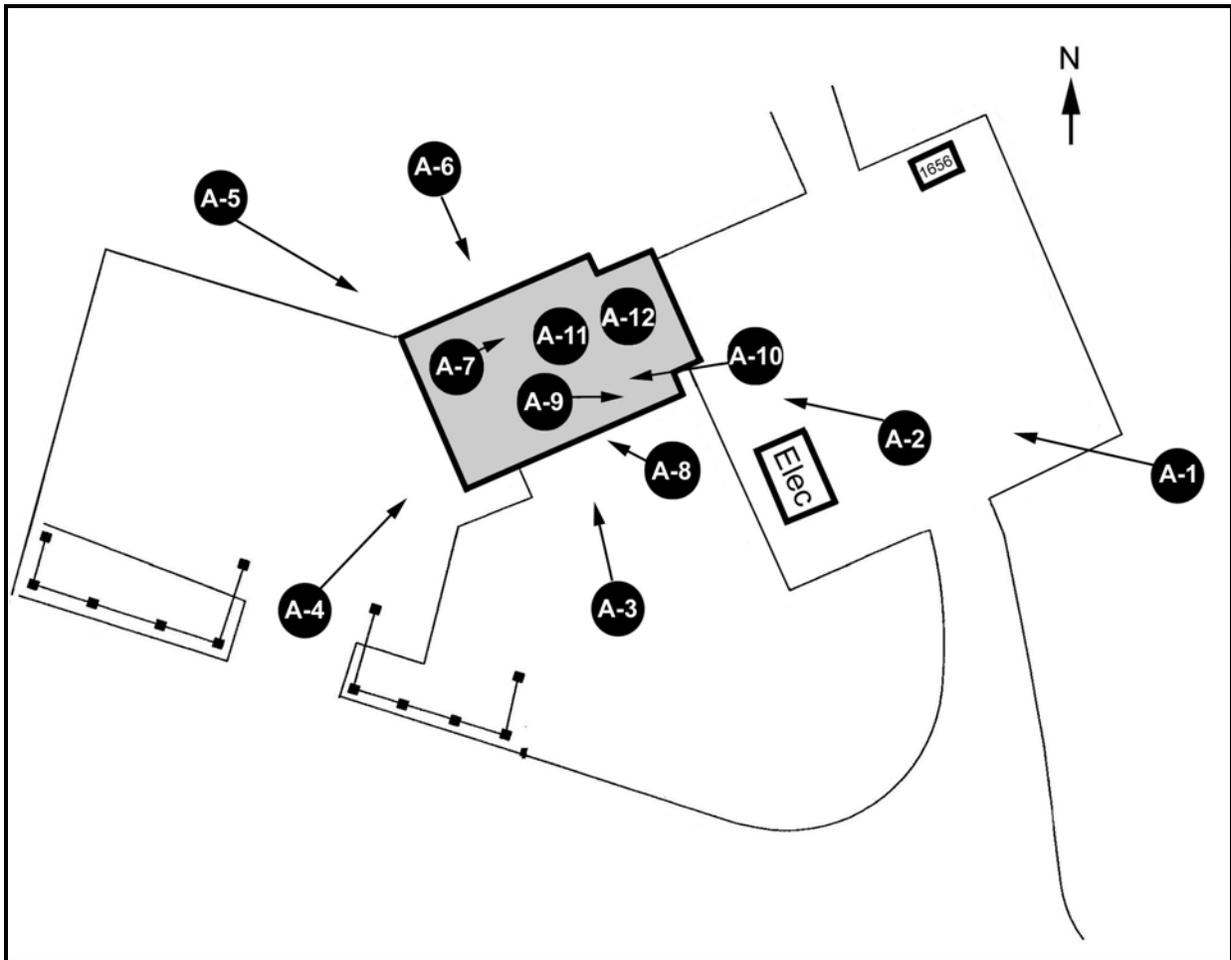
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- CA-296-A-19 Photograph of engineering drawing.
CNST ADDN TO BLDG 1654: SITE & PLOT PLANS, DETAILS &
SECTIONS, DRAWING NO.: 136-4, SHEET 1 OF 10, FILED UNDER
1654-4-1, JANUARY 1964.
- CA-296-A-20 Photograph of engineering drawing.
CNST ADDN TO BLDG 1654: FLOOR PLAN, SECTIONS &
SCHEDULES, DRAWING NO.: 136-4, SHEET 3 OF 10, FILED UNDER
1654-4-3, JANUARY 1964.
- CA-296-A-21 Photograph of engineering drawing.
CNST ADDN TO BLDG 1654: FOUNDATION & ROOF PLANS &
SECTIONS, DRAWING NO.: 136-4, SHEET 4 OF 10, FILED UNDER
1654-4-4, JANUARY 1964.
- CA-296-A-22 Photograph of engineering drawing.
CNST ADDN TO BLDG 1654: DETAILS, DRAWING NO.: 136-4, SHEET
5 OF 10, FILED UNDER 1654-4-5, JANUARY 1964.
- CA-296-A-23 Photograph of engineering drawing.
CNST ADDN TO BLDG 1654: EQUIPMENT HUT, PLANS, ELEVATION
& SECTIONS, DRAWING NO.: 136-4, SHEET 6 OF 10, FILED UNDER
1654-4-6, JANUARY 1964.
- CA-296-A-24 Photograph of engineering drawing.
CNST ADDN TO BLDG 1654: PLUMBING & AIR CONDITION PLAN &
DETAILS, DRAWING NO.: 136-4, SHEET 7 OF 10, FILED UNDER 1654-
4-7, JANUARY 1964.
- CA-296-A-25 Photograph of engineering drawing.
REPAIR AIR CONDITIONING SYSTEMS BLDG 1654: PLANS AND
DETAILS, DRAWING NO.: VAB 79-71, FILED UNDER 1654-5-1, MAY
1970.
- CA-296-A-26 Photograph of engineering drawing.
LAUNCH COMPLEX 75-2 MODIFICATIONS – LAUNCH OPERATIONS
BUILDING: TELTRAC ANTENNA TOWERS - PLAN, SECTIONS
& DETAILS, SPEC NO.: 0CI-ASI-63-42 (REV), DRAWING NO.: S-8,
FILED UNDER 1654-3-6, AUGUST 1963.

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CA-296-A-27 Photograph of engineering drawing.
LAUNCH COMPLEX 75-2 MODIFICATIONS – LAUNCH OPERATIONS
BUILDING: TELTRAC ANTENNA TOWERS PLAN, SECTIONS &
DETAILS, SPEC NO.: 0C1-ASI-63-42 (REV), DRAWING NO.: S-9,
FILED UNDER 1654-3-7, AUGUST 1963.

Note: A full description of the Blockhouse is contained in HAER report CA-296
“Written Historical and Descriptive Data” (VANDENBERG AIR FORCE
BASE, SPACE LAUNCH COMPLEX 10).



Photograph Key, Facility 1654

Vandenberg Air Force Base,
Space Launch Complex 10, Metal Building
(Facility 1656)
North end of Aero Road
Lompoc
Santa Barbara County
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HAER No. CA-296-B

PHOTOGRAPHS

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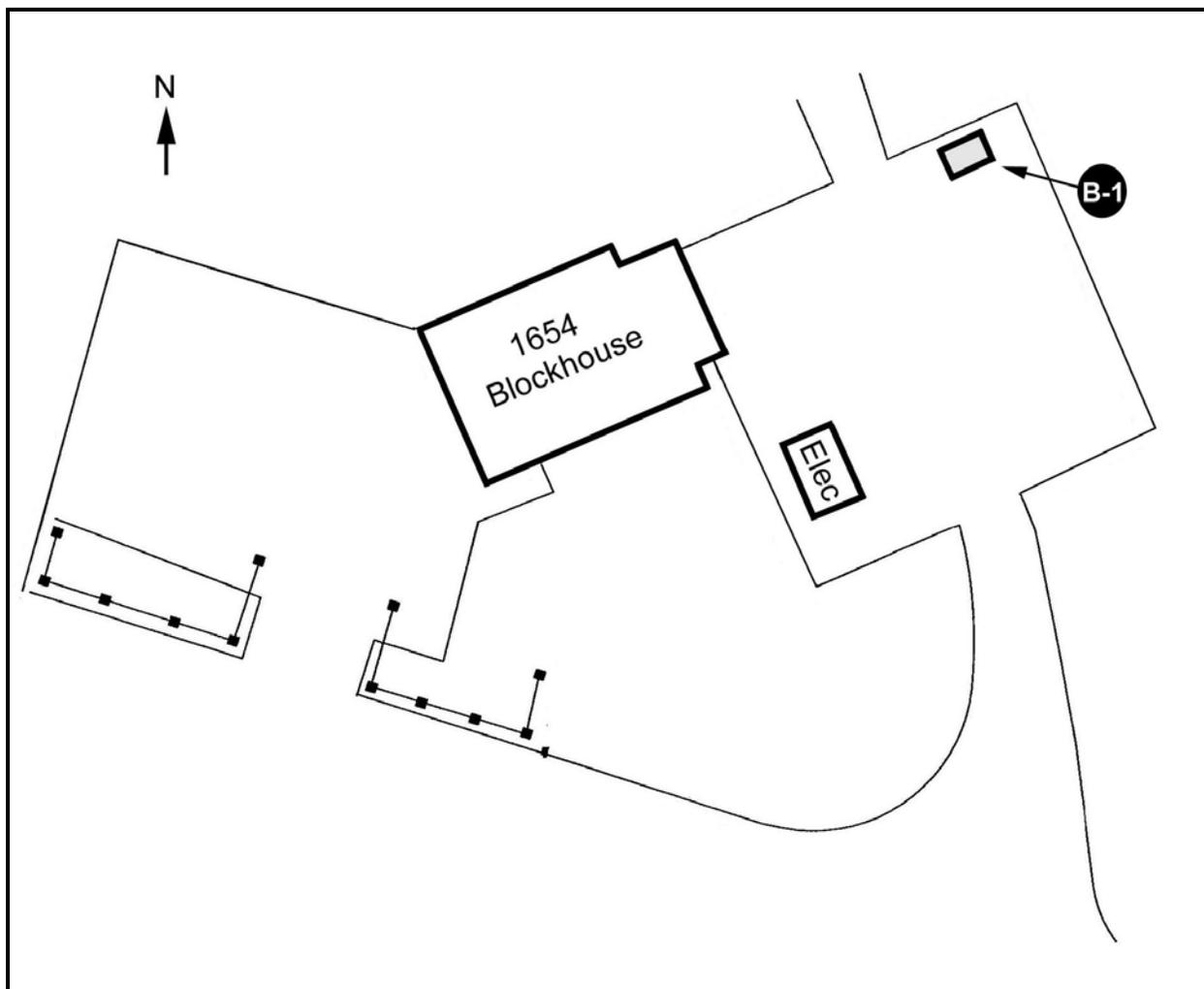
Photographer: Martin Stupich, 2001

CA-296-B-1 EAST AND NORTH SIDES; VIEW TO NORTHWEST

Reference: Original of the photographic reproduction of engineering drawing CA-296-B-2 of HAER report CA-296 is located in 30 CES/CECB, Base Planning, Drawing Vault, Building 11443, Vandenberg Air Force Base. Photographs are 8" x 10" enlargements of 4" x 5" large-format negatives.

CA-296-B-2 Photograph of engineering drawing RELOCATE BLDG #6450 (NOW BLDG. #1654A): LOCATION PLAN, FLOOR PLAN, ELEVATION & DETAILS, DRAWING NO.: VAFB 72-204, SHEET 1 OF 1, FILED UNDER 1654A-7-1, APRIL 1972.

Note: A full description of the Metal Building is contained in HAER report CA-296 "Written Historical and Descriptive Data" (VANDENBERG AIR FORCE BASE, SPACE LAUNCH COMPLEX 10).



Photograph Key, Facility 1656

Vandenberg Air Force Base,
Space Launch Complex 10, Office and Administration Building
(Facility 1657)
North end of Aero Road
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HAER No. CA-296-C

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Vandenberg Air Force Base,
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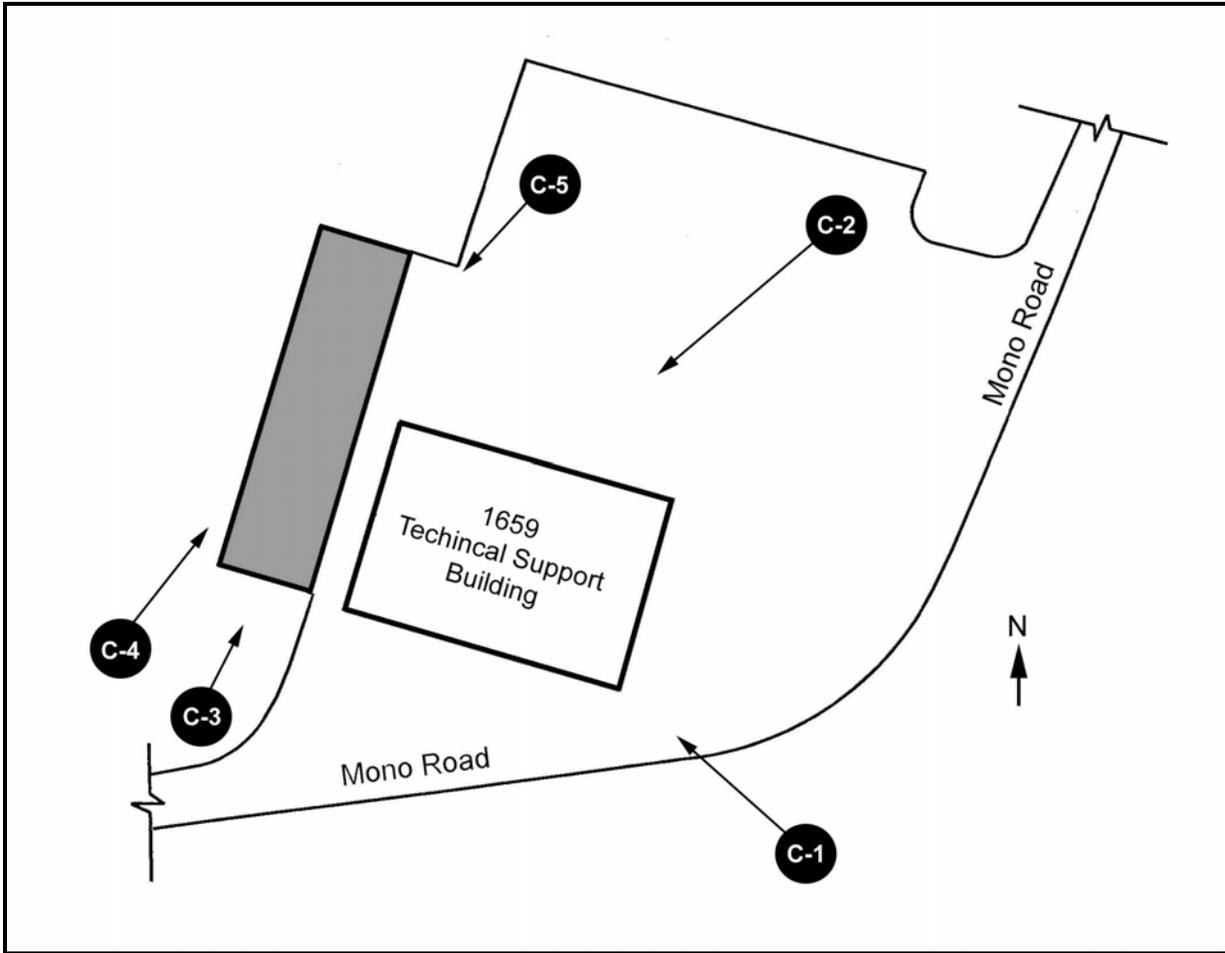
HAER No. CA-296-C

Photographer: Martin Stupich, 2001

- CA-296-C-1 OVERVIEW OF COMPLEX; VIEW TO NORTH.
- CA-296-C-2 GENERAL VIEW OF BUILDING 1657 ON RIGHT AND BUILDING 1659 ON LEFT; VIEW TO SOUTHWEST.
- CA-296-C-3 SOUTH SIDE; VIEW TO NORTH
- CA-296-C-4 WEST SIDE WITH ORIGINAL CLAPBOARD WOOD SIDING, WOOD PANEL DOOR AND DOUBLE HUNG WOOD WINDOWS WITH 6/6 LIGHTS; OBLIQUE VIEW TO NORTH.
- CA-296-C-5 VIEW OF EAST AND NORTH SIDES; VIEW TO SOUTHWEST.
- Reference: Originals of the photographic reproductions of engineering drawings CA-296-C-6 and CA-296-C-7 of HAER report CA-296 are located in 30 CES/CECB, Base Planning, Drawing Vault, Building 11443, Vandenberg Air Force Base. Photographs are 8" x 10" enlargements of 4" x 5" large-format negatives.
- CA-296-C-6 Photograph of engineering drawing.
RELOCATE AND ALTER BLDG 1657: PLANS, LEGENDS, NOTES & DIAGRAM, DRAWING NO. 155-4, SHEET 1 OF 2, FILED UNDER 1657-1-1, MARCH 1964.
- CA-296-C-7 Photograph of engineering drawing.
RELOCATE AND ALTER BLDG 1657: SECTIONS, DETAILS, GEN NOTES & SCHEDULES, DRAWING NO. 155-4, SHEET 2 OF 2, FILED UNDER 1657-1-2, MARCH 1964.

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Note: A full description of the Office and Administration Building is contained in
HAER report CA-296 "Written Historical and Descriptive Data"
(VANDENBERG AIR FORCE BASE, SPACE LAUNCH COMPLEX 10).



Photograph Key, Facility 1657

Vandenberg Air Force Base,
Space Launch Complex 10, Technical Support Building
(Facility 1659)
North end of Aero Road
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Vandenberg Air Force Base,
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(Facility 1659)
North end of Aero Road
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HAER No. CA-296-D

Photographer: Martin Stupich, 2001

CA-296-D-1 EAST SIDE; VIEW TO WEST.

CA-296-D-2 SOUTH SIDE; VIEW TO NORTH.

CA-296-D-3 WEST SIDE OBLIQUE. NOTE BUILDING 1657 TO LEFT (WEST);
VIEW TO NORTH.

CA-296-D-4 INTERIOR VIEW. NOTE ORIGINAL "DUTCH" DOOR AND DOUBLE
STEEL DOOR; VIEW TO NORTH.

CA-296-D-5 DETAIL VIEW OF OVERHEAD CRANE RAIL AND ROLLER HOUSING
FOR OVERHEAD DOOR; VIEW TO EAST.

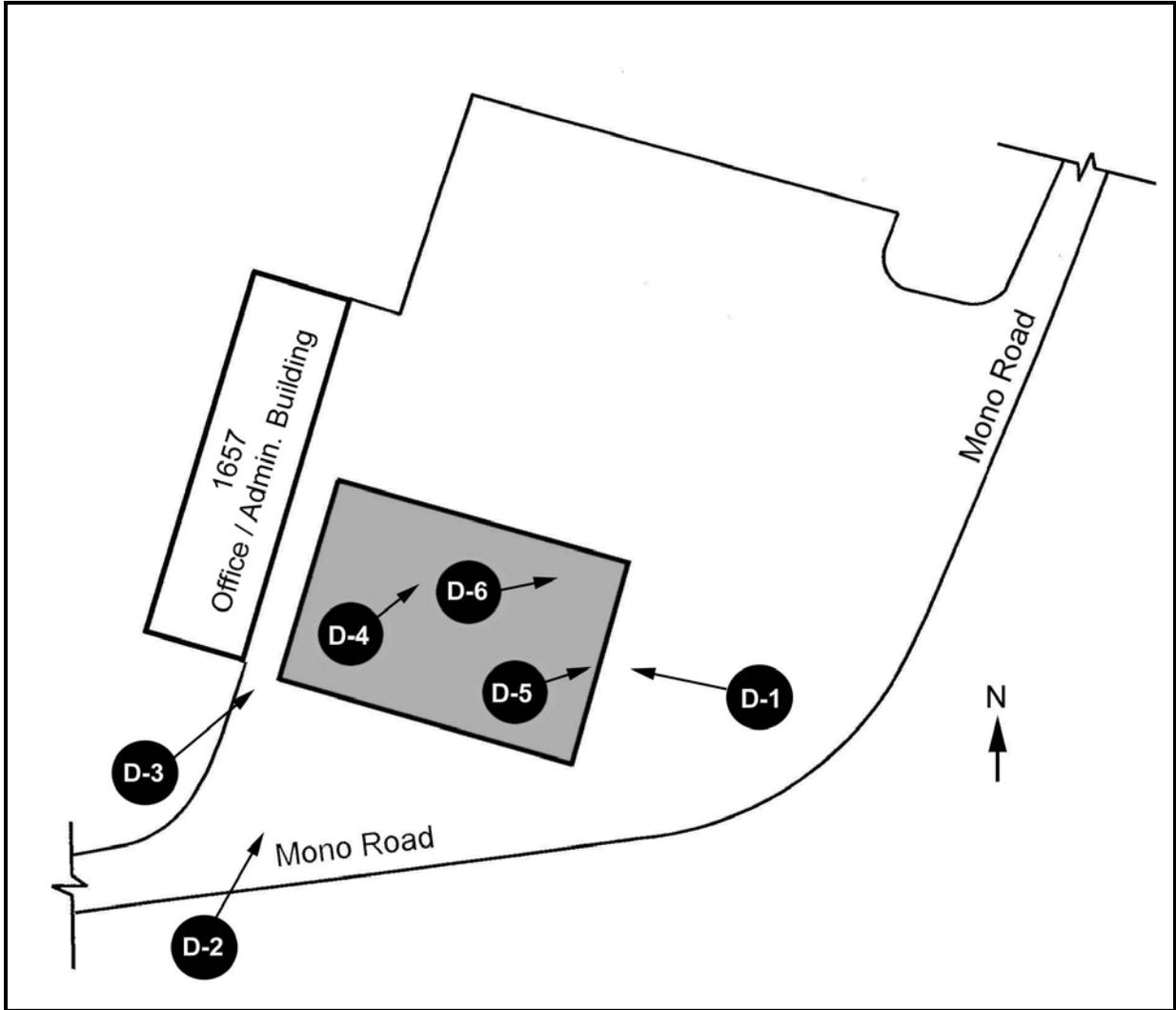
CA-296-D-6 DETAIL VIEW OF CABLE BUS AND STEEL ROD SUSPENDERS; VIEW
TO NORTHEAST.

Reference: Originals of the photographic reproductions of engineering drawings CA-296-D-7 through CA-296-D-9 of HAER report CA-296 are located in 30 CES/CECB, Base Planning, Drawing Vault, Building 11443, Vandenberg Air Force Base. Photographs are 8" x 10" enlargements of 4" x 5" large-format negatives.

CA-296-D-7 Photograph of engineering drawing.
SLC 10W ALTERATION: TSB STRUCTURAL PLANS & DETAILS,
SPEC. NO.: DACA09-76-B-0016, DRAWING NUMBER: S-8, FILED
UNDER 1658-11-14, FEBRUARY 1976.

Vandenberg Air Force Base, Space
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- CA-296-D-8 Photograph of engineering drawing.
SLC 10W ALTERATION: TECHNICAL SUPPORT BUILDING
ELEVATIONS & SECTION, SPEC. NO.: DACA09-76-B-0016, DRAWING
NUMBER: A-4, FILED UNDER 1658-11-19, FEBRUARY 1976.
- CA-296-D-9 Photograph of engineering drawing.
SLC 10W ALTERATION: TSB SCHEDULES & DETAILS, SPEC. NO.:
DACA09-76-B-0016, DRAWING NUMBER: A-5, FILED UNDER 1658-
11-20, FEBRUARY 1976.
- Note: A full description of the Technical Support Building is contained in HAER
report CA-296 "Written Historical and Descriptive Data" (VANDENBERG
AIR FORCE BASE, SPACE LAUNCH COMPLEX 10).



Photograph Key, Facility 1659

Vandenberg Air Force Base,
Space Launch Complex 10, Hydrogen Peroxide Facility
(Facility 1665)
North end of Aero Road
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HAER No. CA-296-E

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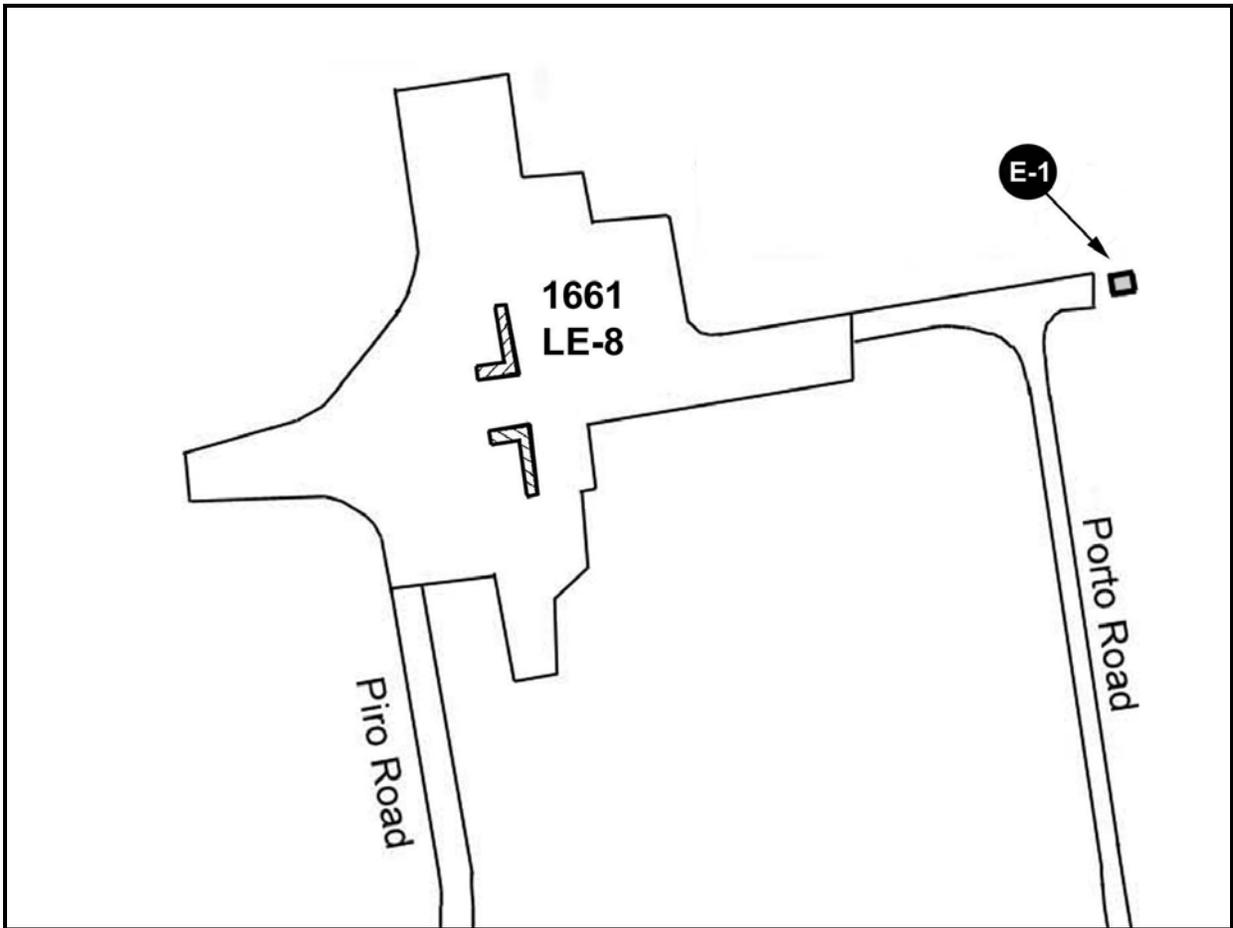
HAER No. CA-296-E

Photographer: Martin Stupich, 2001

CA-296-E-1 GENERAL VIEW OF HYDROGEN PEROXIDE FACILITY; VIEW TO
SOUTHEAST.

Note: A full description of the Hydrogen Peroxide Facility is contained in HAER
report CA-296 "Written Historical and Descriptive Data" (VANDENBERG
AIR FORCE BASE, SPACE LAUNCH COMPLEX 10).

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Photograph Key, Facility 1665

Vandenberg Air Force Base,
Space Launch Complex 10, East Launch Pad
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North end of Aero Road
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Photographer: Martin Stupich, 2001

- CA-296-F-1 GENERAL OVERVIEW OF EAST PAD SHOWING SHELTER AND BLAST WALLS, NOTE WEST LAUNCH PAD AT DISTANT LEFT; VIEW TO NORTHWEST.
- CA-296-F-2 GENERAL VIEW OF SHELTER AND NORTH BLAST WALL; VIEW TO SOUTH.
- CA-296-F-3 NORTH SIDE OF SHELTER WITH BLAST WALL AND ELECTRICAL EQUIPMENT; VIEW TO SOUTH.
- CA-296-F-4 GENERAL VIEW OF SOUTH SIDE WITH SOUTH BLAST WALL, NOTE TYPICAL FIRE HYDRANT FRONT LEFT WITH CRASH POSTS; VIEW TO NORTHEAST.
- CA-296-F-5 WEST AND SOUTH SIDES OF SHELTER AND EQUIPMENT STORED BEHIND BLAST WALL; VIEW TO NORTHEAST.
- CA-296-F-6 WEST AND SOUTH SIDES OF SHELTER WITH CONCRETE PAD AND RAILS FOR ROLLING WEST END SHELTER WALL, VIEW TO NORTHEAST.
- CA-296-F-7 DETAIL OF ACCESS DOOR IN WALL PANEL OF SHELTER AND ARMATURE FOR ROLLING WEST END SHELTER WALL AT LEFT; VIEW TO NORTH.

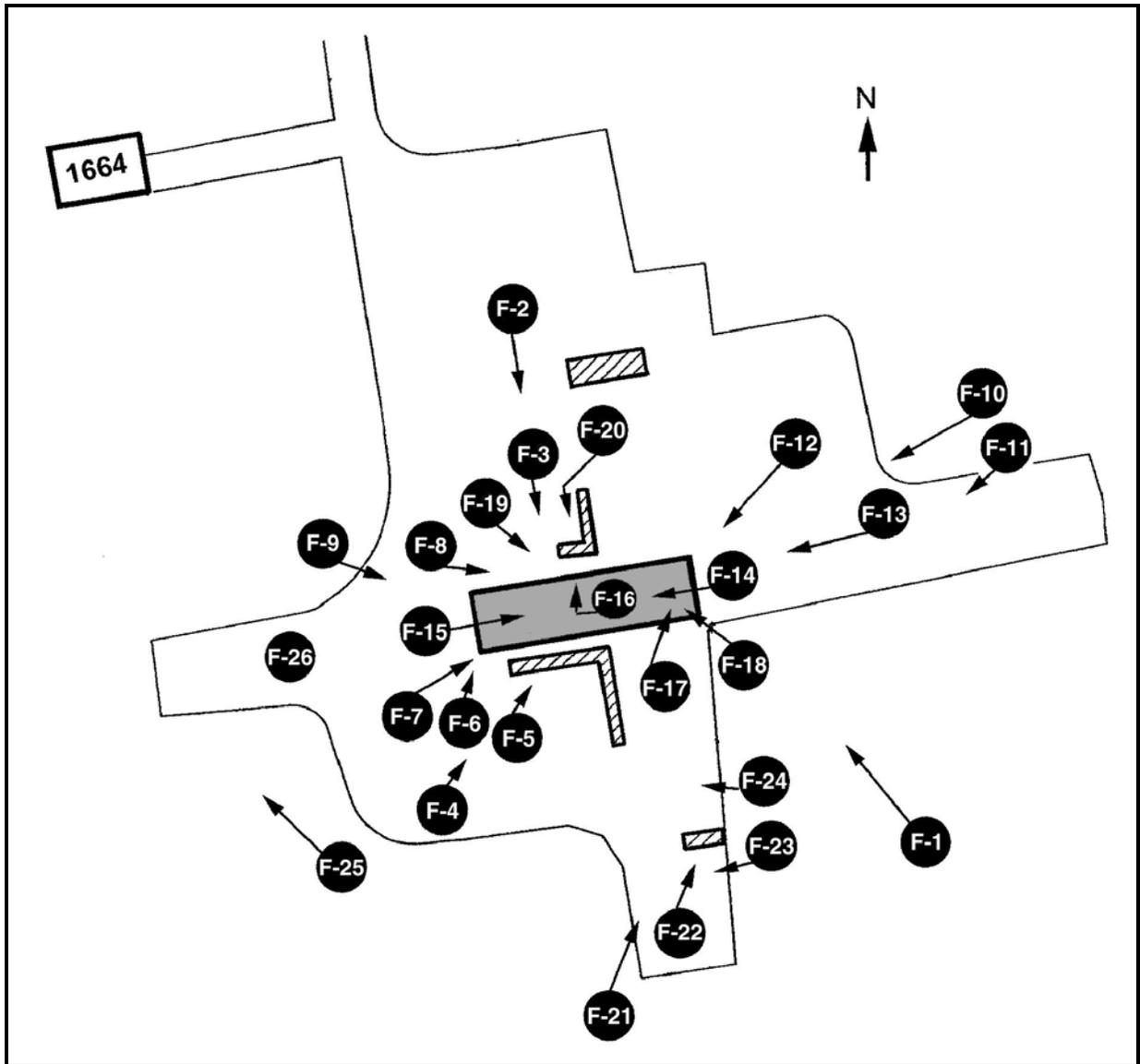
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- CA-296-F-9 DETAIL OF ARMATURE FOR ROLLING WEST END SHELTER WALL AND GROUNDING CABLE FASTENED TO CONCRETE AT NORTHWEST CORNER OF SHELTER; VIEW TO SOUTH.
- CA-296-F-10 GENERAL VIEW OF TOW PAD WITH RAIL AND CABLES LEADING FROM ANCHORS TO MISSILE SHELTER; VIEW TO WEST.
- CA-296-F-11 DETAIL VIEW (FOREGROUND TO BACKGROUND): CAPPED TERMINUS OF CABLE TRENCH, CABLE CONNECTIONS, SPRING SHOCK ABSORBERS, SWITCH TRIP TAB, AND BRAKE LOCK; VIEW TO SOUTH.
- CA-296-F-12 VIEW OF OVERFLOW BASIN AT NORTHEAST CORNER; VIEW TO SOUTHWEST.
- CA-296-F-13 VIEW OF OPENED SHELTER DOORS SHOWING HARDWARE FOR SECURING HEAVY DOORS IN OPEN POSITION, NOTE ELECTRICAL CABLE PENETRATING LOWER PANEL WALL – CONNECTS TO INTERIOR CABLE RETRACTION MECHANISM, AND POWER AND SIGNAL COMPONENTS (SEE FOLLOWING PHOTO); VIEW TO SOUTHEAST.
- CA-296-F-14 INTERIOR VIEW OF MISSILE SHELTER WITH STORED ROCKETS, NOTE RIDGE BEAM CONNECTION BETWEEN ROOF AND WALL PANELS; VIEW TO WEST.
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- CA-296-F-16 DETAIL OF NORTH WALL OF MISSILE SHELTER, NOTE ROLLING SILL MEMBER, BENT-COLUMN RIBS AND WALL PANELS, AND WORK PLATFORM IN STOWED POSITION; VIEW TO NORTH.

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- CA-296-F-19 LADDERS ON NORTH BLAST WALL AND MISSILE SHELTER, WITH
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- CA-296-F-20 NORTH BLAST WALL SHELTERING ELECTRICAL EQUIPMENT;
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- CA-296-F-21 OVERVIEW OF RP-1 FUEL STORAGE AREA WITH SKID-MOUNTED
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MISSILE SHELTER IN REAR; VIEW TO NORTH.
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- CA-296-F-23 DETAIL VIEW OF SKID-MOUNTED FUEL TRANSFER EQUIPMENT;
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- CA-296-F-24 LOX OVERFLOW BASIN CONTAINING: LIGHT STANDARD BASES
(VERTICAL LEFT), CABLE TRENCH ACCESS (FOREGROUND
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- CA-296-F-25 TYPICAL HYDRANT; VIEW TO NORTHWEST.
- CA-296-F-26 CABLE TRENCH WITH TWO TYPICAL COVER MATERIALS,
CONCRETE AND WOODEN TIE; VIEW TO NORTH.
- Note: A full description of the East Launch Pad is contained in HAER report CA-
296 "Written Historical and Descriptive Data" (VANDENBERG AIR FORCE
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Photograph Key, Facility 1651

Vandenberg Air Force Base,
Space Launch Complex 10, Maintenance Support Building
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Photographer: Martin Stupich, 2001

CA-296-G-1 SOUTH AND EAST SIDES; VIEW TO NORTHEAST.

CA-296-G-2 NORTH AND WEST SIDES; VIEW TO SOUTHEAST.

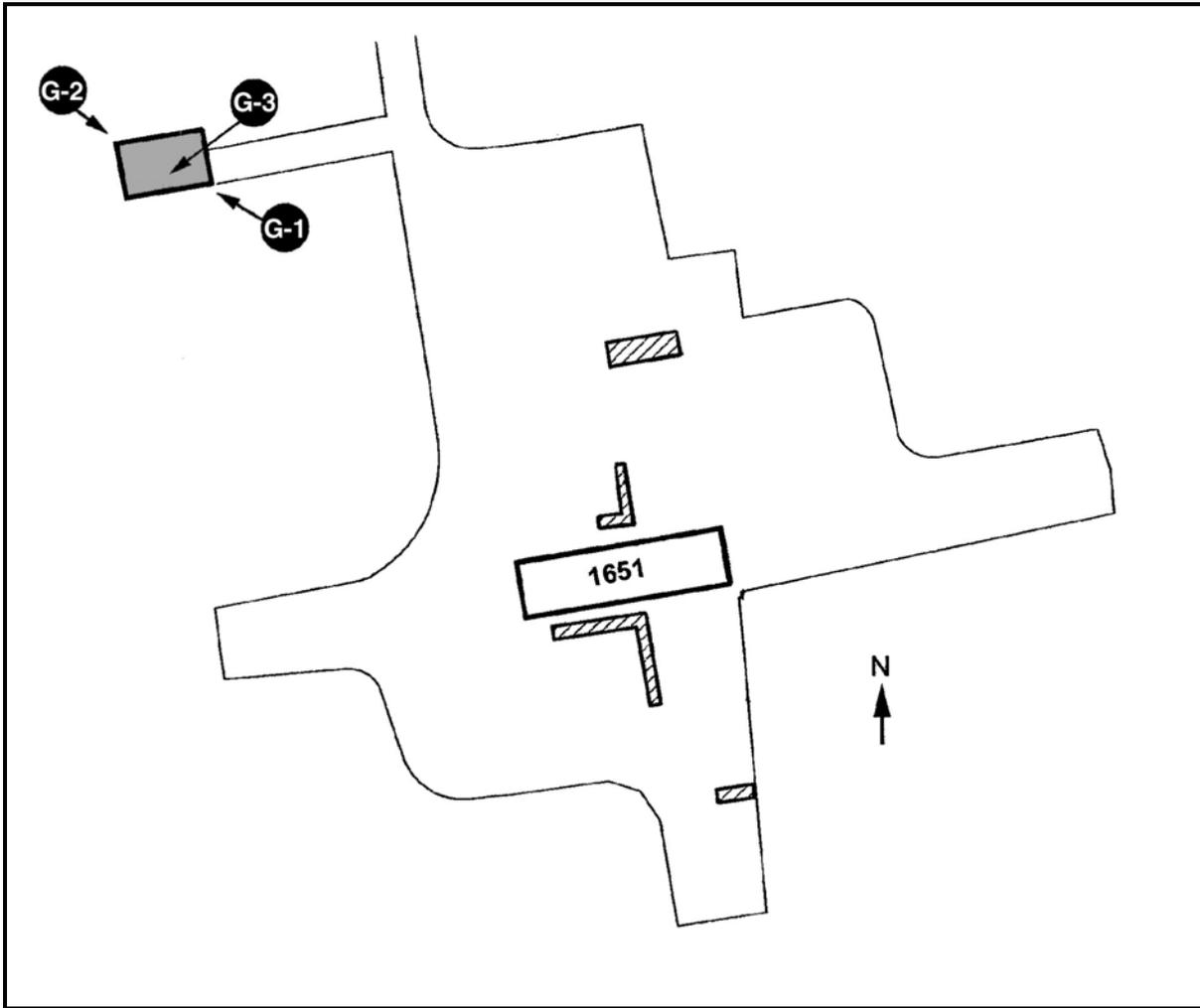
CA-296-G-3 INTERIOR VIEW; VIEW TO WEST.

Reference: Originals of the photographic reproductions of engineering drawings CA-296-G-4 and CA-296-G-5 of HAER report CA-296 are located in 30 CES/CECB, Base Planning, Drawing Vault, Building 11443, Vandenberg Air Force Base. Photographs are 8" x 10" enlargements of 4" x 5" large-format negatives.

CA-296-G-4 Photograph of engineering drawing.
PLOT PLAN AND DETAILS, DRAWING NO. 153-4, SHEET 1 OF 2,
FILED UNDER 1664-1-1, APRIL 1965.

CA-296-G-5 Photograph of engineering drawing.
PLANS, ELEVATIONS, SECTIONS & DETAILS, DRAWING NO. 153-4,
SHEET 2 OF 2, FILED UNDER 1664-1-2, FEBRUARY 1965.

Note: A full description of the Maintenance Support Building is contained in HAER report CA-296 "Written Historical and Descriptive Data" (VANDENBERG AIR FORCE BASE, SPACE LAUNCH COMPLEX 10).



Photograph Key, Facility 1664

Vandenberg Air Force Base,
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North end of Aero Road
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HAER No. CA-296-H

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Photographer: Martin Stupich, 2001

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- CA-296-H-3 GENERAL VIEW OF SHELTER SHOWING WEST END OF EAST SECTION WITH OPEN DOOR AND EXTERIOR MOUNTED VENT DUCTS; VIEW TO NORTH.
- CA-296-H-4 OBLIQUE VIEW OF WEST END OF EAST SECTION SHOWING INTERIOR BENT-COLUMN RIBS AND ROOF-MOUNTED VENT HOUSING; VIEW TO EAST.
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- CA-296-H-7 GENERAL INTERIOR VIEW SHOWING PORTABLE EQUIPMENT, WALL-MOUNTED WORK PLATFORMS IN STOWED POSITION, AND VEHICLE ERECTOR AT FAR END; VIEW TO EAST.
- CA-296-H-8 DETAIL OF VEHICLE ERECTING-LAUNCHING MOUNT IN HORIZONTAL POSITION SHOWING BLAST SHIELD AND MOUNTING MECHANISM; VIEW TO EAST.

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- CA-296-H-10 DETAIL OF VEHICLE ERECTING-LAUNCHING MOUNT, NOTE: CONNECTIONS PROTECTED BY "PUCKY"; VIEW TO SOUTHWEST.
- CA-296-H-11 DETAIL OF RETRACTION MECHANISM AT EAST END OF SHELTER SHOWING POWER REEL AND SIGNAL REEL, AND POWER RETRACTION CONTROL CABINET; VIEW TO NORTHEAST.
- CA-296-H-12 DETAIL OF BENT-COLUMN RIBS SHOWING BOLTED CONNECTIONS AND PANEL SEGMENTS, NOTE WORK LADDER ON WALL-MOUNTED RACK; VIEW TO SOUTHEAST.
- CA-296-H-13 DETAIL OF CABLE-AND-PULLEY MECHANISMS FOR POSITIONING WORK PLATFORMS; VIEW TO NORTH.
- CA-296-H-14 SOUTH SIDE OF WEST MISSILE SHELTER SECTION; VIEW TO NORTH.
- CA-296-H-15 EAST SIDE OF WEST MISSILE SHELTER SECTION WITH WEST DOORS OPEN; VIEW TO WEST.
- CA-296-H-16 NORTH SIDE OF WEST MISSILE SHELTER SECTION; VIEW TO SOUTHWEST.
- CA-296-H-17 NORTH AND WEST SIDES OF WEST MISSILE SHELTER SECTION, NOTE EAST SECTION OF MISSILE SHELTER FAR LEFT; VIEW TO SOUTHEAST.
- CA-296-H-18 WEST SECTION OF MISSILE SHELTER SHOWING BENT-COLUMN RIBS AND PANELS; VIEW UP AND WEST.
- CA-296-H-19 VIEW OF SOUTH WALL, NOTE RAIL WHEEL AT BOTTOM BENT-COLUMN RIB ; VIEW TO SOUTHWEST.
- CA-296-H-20 WEST AND SOUTH SIDES OF ELECTRICAL EQUIPMENT BUILDING; VIEW TO NORTHEAST.

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- CA-296-H-21 EAST AND NORTH SIDES OF ELECTRICAL EQUIPMENT BUILDING,
NOTE HVAC DUCT AT RIGHT AND CONNECTION TO BLAST WALL
AT LEFT; VIEW TO SOUTH.
- CA-296-H-22 INTERIOR OF ELECTRICAL EQUIPMENT BUILDING WITH SPACE
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- CA-296-H-23 ELECTRICAL EQUIPMENT BUILDING PORTABLE HYDRAULIC UNIT
TRAILER; VIEW TO NORTHEAST.
- CA-296-H-24 PORTABLE EQUIPMENT TRAILER BEHIND NORTH BLAST WALL;
VIEW TO NORTHEAST.
- CA-296-H-25 ELECTRICAL SWITCH BOXES FEEDING INTO CABLE TRENCH AT
EAST END OF SHELTER; VIEW TO NORTH.
- CA-296-H-26 GENERAL VIEW OF LOX AND GN₂ TANK FARMS SHOWING
RELATIONSHIP TO PAD, NORTH BLAST WALL AT CENTER,
BUILDING 1663 IN BACKGROUND; VIEW TO WEST.
- CA-296-H-27 GENERAL VIEW OF LOX (AT LEFT) AND GN₂ TANK FARMS; VIEW
TO WEST.
- CA-296-H-28 DETAIL OF LOX TANK CONNECTIONS TO SKID-MOUNTED LOX
TRANSFER EQUIPMENT; VIEW TO NORTHEAST.
- CA-296-H-29 SUSPENDED LOX PIPELINE IN TRENCH; VIEW TO NORTH.
- CA-296-H-30 TYPICAL "BRIDGE" OVER PIPELINE TRENCH WITH GRATE AND
RAMPS; VIEW TO NORTH.
- CA-296-H-31 FUEL TANK BEHIND BLAST WALL WITH SKID-MOUNTED FUEL
TRANSFER EQUIPMENT AT LEFT; VIEW TO NORTHEAST.
- CA-296-H-32 GENERAL VIEW OF GN₂ FARM, VIEW TO SOUTH.

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- CA-296-H-33 DETAIL OF TOP OF SOUTH BLAST WALL SHOWING FIRE SUPPRESSION NETWORK WITH NOZZLES AIMED AT LAUNCH PAD AREA, PRESENTLY OBSTRUCTED BY MISSILE SHELTER; VIEW TO NORTH.
- CA-296-H-34 DETAIL OF SOUTH BLAST WALL AND MISSILE SHELTER SHOWING FIRE SUPPRESSION FITTINGS AIMED AT LAUNCH PAD AREA; VIEW TO WEST.
- CA-296-H-35 TYPICAL CAMERA STAND; VIEW TO SOUTHWEST.
- CA-296-H-36 REMOTE CAMERA STANDS, VIEW TO SOUTHWEST.
- CA-296-H-37 DETAIL OF PIT HOUSING THE VALVE REGULATING ALL PRESSURIZED WATER TO WEST LAUNCH PAD; VIEW DOWN AND NORTH.
- CA-296-H-38 THEODOLITE SHELTER; VIEW TO NORTHWEST.
- CA-296-H-39 THEODOLITE SHELTER; VIEW TO SOUTHEAST.
- Reference: Originals of the photographic reproductions of engineering drawings CA-296-H-40 through CA-296-H-61 of HAER report CA-296 are located in 30 CES/CECB, Base Planning, Drawing Vault, Building 11443, Vandenberg Air Force Base. Photographs are 8" x 10" enlargements of 4" x 5" large-format negatives.
- CA-296-H-40 Photograph of engineering drawing.
EXTEND ENVIRONMENTAL SHELTER RAILS, COMPLEX 75, PAD 6:
PLANS & DETAILS, DRAWING NUMBER: 377-5, SHEET 1 of 2, FILED
UNDER 1658-9-1, MAY 1965.
- CA-296-H-41 Photograph of engineering drawing.
EXTEND ENVIRONMENTAL SHELTER RAILS, COMPLEX 75, PAD 6:
PLANS & DETAILS, DRAWING NUMBER: 377-5, SHEET 2 of 2, FILED
UNDER 1658-9-2, MAY 1965.

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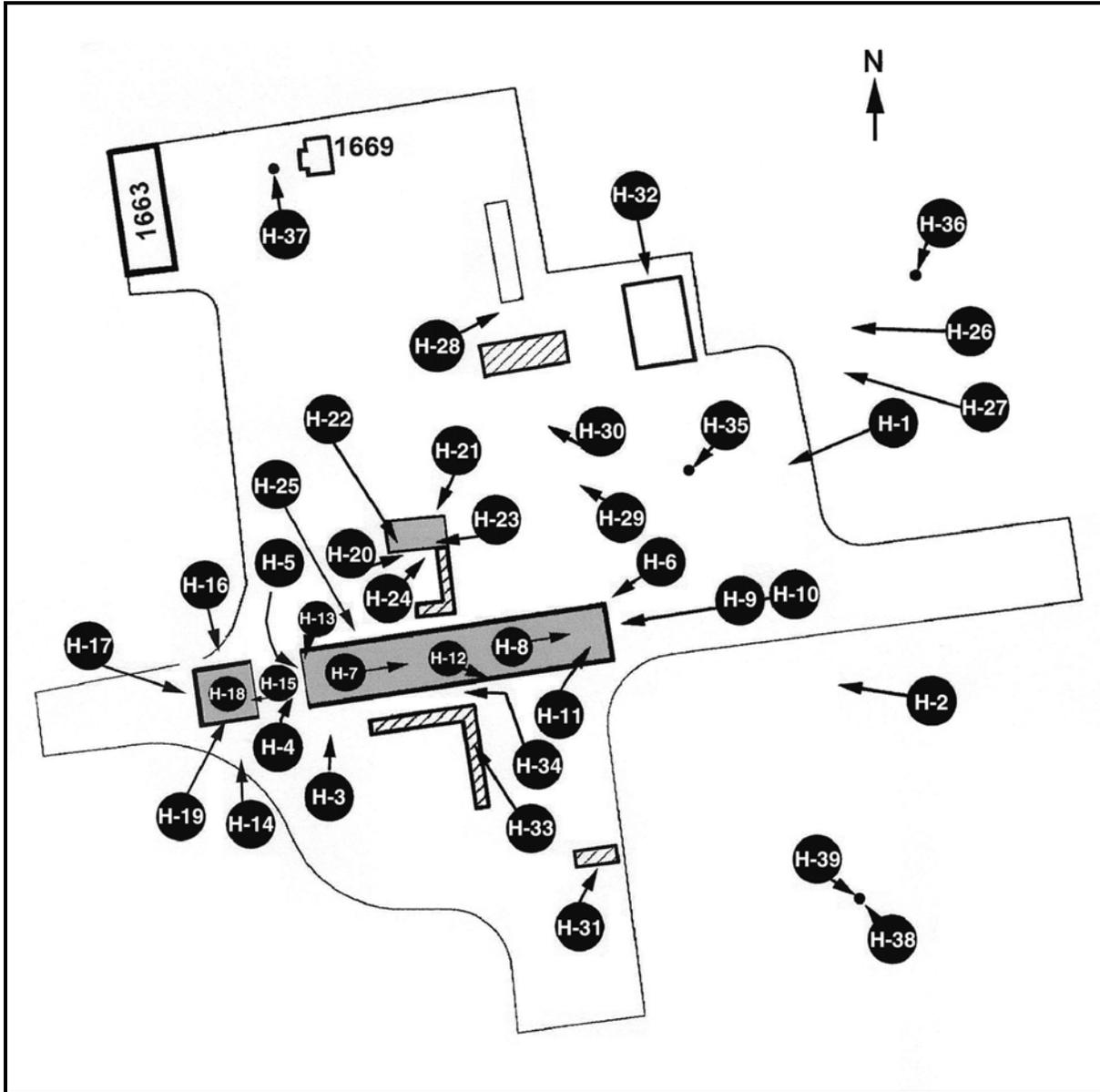
- CA-296-H-42 Photograph of engineering drawing.
SLC 10W ALTERATION: SITE & DEMOLITION PLAN, SPEC NO.:
DACA09-76-B-0016, DRAWING NUMBER: C-1, FILED UNDER 1658-
11-2, FEBRUARY 1976.
- CA-296-H-43 Photograph of engineering drawing.
SLC 10W ALTERATION: LAUNCHER AREA SITE PLAN, SPEC NO.:
DACA09-76-B-0016, DRAWING NUMBER: C-2, FILED UNDER 1658-
11-3, FEBRUARY 1976.
- CA-296-H-44 Photograph of engineering drawing.
SLC 10W ALTERATION: LOX SIDE PLAN, SPEC NO.: DACA09-76-B-
0016, DRAWING NUMBER: S-2, FILED UNDER 1658-11-8, FEBRUARY
1976.
- CA-296-H-45 Photograph of engineering drawing.
SLC 10W ALTERATION: FUEL SIDE PLAN, SPEC NO.: DACA09-76-B-
0016, DRAWING NUMBER: S-3, FILED UNDER 1658-11-9, FEBRUARY
1976.
- CA-296-H-46 Photograph of engineering drawing.
SLC 10W ALTERATION: LAUNCHER AREA PLAN, SPEC NO.:
DACA09-76-B-0016, DRAWING NUMBER: S-4, FILED UNDER 1658-11-
10, FEBRUARY 1976.
- CA-296-H-47 Photograph of engineering drawing.
SLC 10W ALTERATION: LAUNCHER AREA DETAILS, SPEC NO.:
DACA09-76-B-0016, DRAWING NUMBER: S-5, FILED UNDER 1658-11-
11, FEBRUARY 1976.
- CA-296-H-48 Photograph of engineering drawing.
SLC 10W ALTERATION: LAUNCHER AREA DETAILS, SPEC NO.:
DACA09-76-B-0016, DRAWING NUMBER: S-9, FILED UNDER 1658-11-
15, FEBRUARY 1976.

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- CA-296-H-49 Photograph of engineering drawing.
SLC 10W ALTERATION: BLAST DOOR IN UPRANGE SHELTER END WALL, ELEVATION & DETAILS, SPEC NO.: DACA09-76-B-0016, DRAWING NUMBER: A-3, FILED UNDER 1658-11-18, FEBRUARY 1976.
- CA-296-H-50 Photograph of engineering drawing.
SLC 10W ALTERATION: SINGLE LINE DIAGRAM, SPEC NO.: DACA09-76-B-0016, DRAWING NUMBER: E-2, FILED UNDER 1658-11-22, FEBRUARY 1976.
- CA-296-H-51 Photograph of engineering drawing.
SLC 10W ALTERATION: ELECTRICAL DETAILS, SHEET 1, SPEC NO.: DACA09-76-B-0016, DRAWING NUMBER: E-6, FILED UNDER 1658-11-26, FEBRUARY 1976.
- CA-296-H-52 Photograph of engineering drawing.
SLC 10W ALTERATION: LAUNCH AREA LOX SIDE PLAN, LOX OVERFLOW PIPE & AIR PIPING, SPEC NO.: DACA09-76-B-0016, DRAWING NUMBER: M-4, FILED UNDER 1658-11-33, FEBRUARY 1976.
- CA-296-H-53 Photograph of engineering drawing.
SLC 10W ALTERATION: EEB FOUNDATION PLAN & ROOF REINF. & DETAILS, SPEC NO.: DACA09-76-B-0016, DRAWING NUMBER: S-7, FILED UNDER 1658-11-13, FEBRUARY 1976.
- CA-296-H-54 Photograph of engineering drawing.
SLC 10W ALTERATION: ELECTRONIC EQUIPMENT BUILDING, EXPANSION PLAN & ELEVATIONS, SPEC NO.: DACA09-76-B-0016, DRAWING NUMBER: A-1, FILED UNDER 1658-11-16, FEBRUARY 1976.
- CA-296-H-55 Photograph of engineering drawing.
SLC 10W ALTERATION: EEB SECTIONS & DETAILS, SPEC NO.: DACA09-76-B-0016, DRAWING NUMBER: A-2, FILED UNDER 1658-11-17, FEBRUARY 1976.

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- CA-296-H-56 Photograph of engineering drawing.
SLC 10W ALTERATION: POWER LIGHTING & ALARM PLANS,
ELECTRONIC EQUIPMENT BUILDING, SPEC NO.: DACA09-76-B-
0016, DRAWING NUMBER: E-3, FILED UNDER 1658-11-23,
FEBRUARY 1976.
- CA-296-H-57 Photograph of engineering drawing.
SLC 10W ALTERATION: NITROGEN TANK FARM PLAN &
SECTIONS, SPEC NO.: DACA09-76-B-0016, DRAWING NUMBER: S-6,
FILED UNDER 1658-11-13, FEBRUARY 1976.
- CA-296-H-58 Photograph of engineering drawing.
INSTALL CAMERA SYSTEM CMPL.75 PAD 6: STRUCTURAL,
DRAWING NUMBER: 166-4, SHEET 1 of 2, FILED UNDER 1658-5-1,
AUGUST 1964.
- CA-296-H-59 Photograph of engineering drawing.
INSTALL CAMERA SYSTEM CMPL.75 PAD 6: ELECTRICAL,
NUMBER: 166-4, SHEET 2 of 2, FILED UNDER 1658-5-2, AUGUST 1964.
- CA-296-H-60 Photograph of engineering drawing.
INSTALL FLOODLIGHTS LE-6: ELECTRICAL PLANS AND DETAILS,
NUMBER: 216-6, SHEET 1 of 2, FILED UNDER 1658-10-1, MAY 1966.
- CA-296-H-61 Photograph of engineering drawing.
INSTALL FLOODLIGHTS LE-6: ELECTRICAL PLANS AND DETAILS,
NUMBER: 216-6, SHEET 2 of 2, FILED UNDER 1658-10-2, MAY 1966.
- Note: A full description of the West Launch Pad is contained in HAER report CA-
296 "Written Historical and Descriptive Data" (VANDENBERG AIR FORCE
BASE, SPACE LAUNCH COMPLEX 10).



Photograph Key, Facility 1658

Vandenberg Air Force Base,
Space Launch Complex 10, Construction Storage Building
(Facility 1663)
North end of Aero Road
Lompoc
Santa Barbara County
California

HAER No. CA-296-I

PHOTOGRAPHS

Historic American Engineering Record
Pacific Great Basin Support Office
National Park Service
Department of the Interior
Oakland, CA 94607

HISTORIC AMERICAN ENGINEERING RECORD

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Vandenberg Air Force Base,
Space Launch Complex 10, Construction Storage Building
(Facility 1663)
North end of Aero Road
Lompoc
Santa Barbara County
California

HAER No. CA-296-I

Photographer: Martin Stupich, 2001

CA-296-I-1 SOUTH AND EAST SIDES; VIEW TO NORTHWEST.

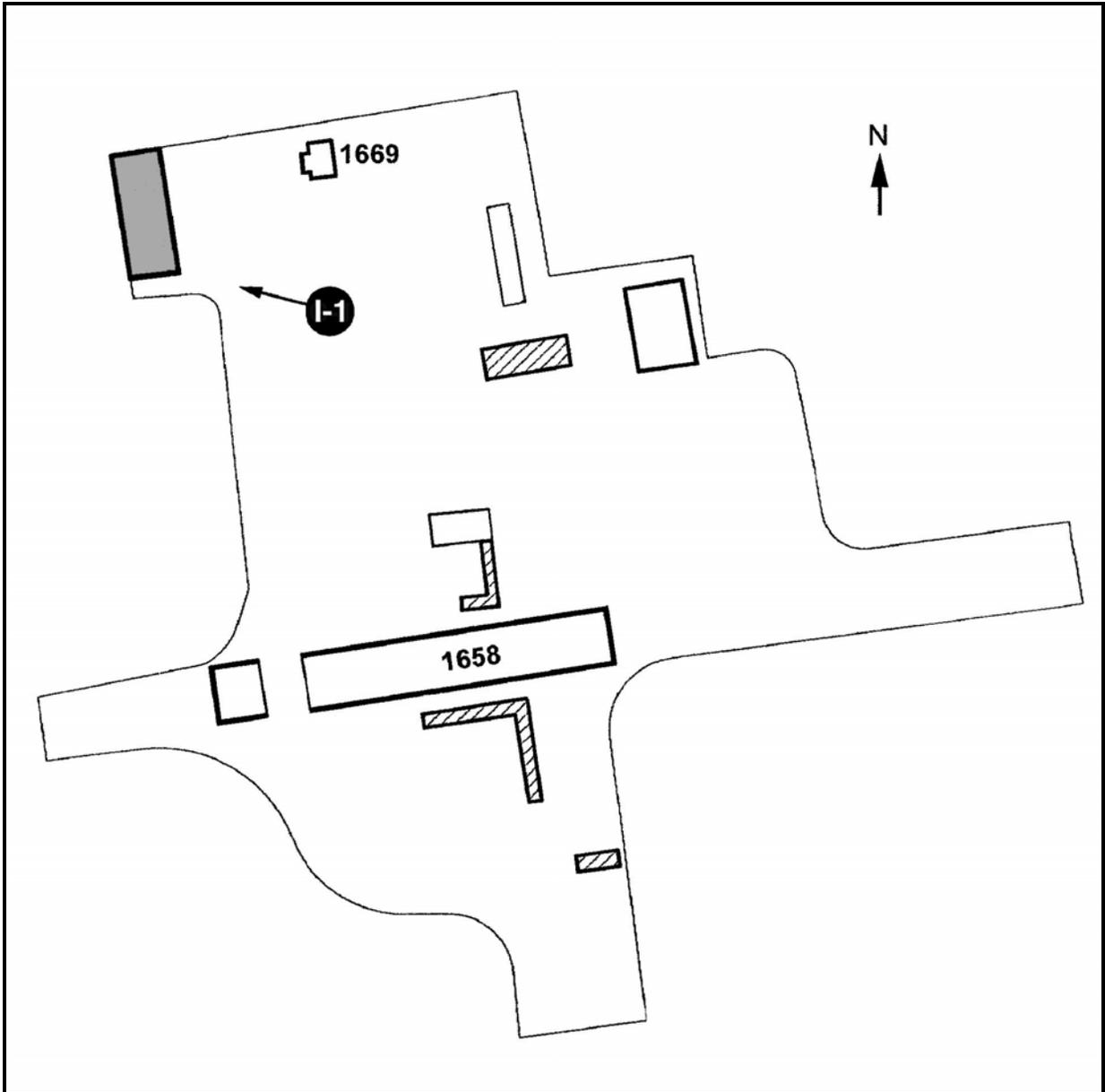
Reference: Originals of the photographic reproductions of engineering drawings CA-296-I-2 and CA-296-I-3 of HAER report CA-296 are located in 30 CES/CECB, Base Planning, Drawing Vault, Building 11443, Vandenberg Air Force Base. Photographs are 8" x 10" enlargements of 4" x 5" large-format negatives.

CA-296-I-2 Photograph of engineering drawing.
CONST STORAGE BLDG.: PLANS, ELEVATIONS, SECTIONS &
DETAILS, PROJECT NO.: VAFB 313-5R1, DRAWING NO.: 313-5,
SHEET 2 OF 3, FILED UNDER 1663-1-2.

CA-296-I-3 Photograph of engineering drawing.
CONST STORAGE BLDG.: PLANS, & SECTIONS, PROJECT NO.:
VAFB 313-5R1, DRAWING NO.: 313-5, SHEET 3 OF 3, FILED UNDER
1663-1-3.

Note: A full description of the Construction Storage Building is contained in HAER report CA-296 "Written Historical and Descriptive Data" (VANDENBERG AIR FORCE BASE, SPACE LAUNCH COMPLEX 10).

Vandenberg Air Force Base, Space
Launch Complex 10, Construction
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(Facility 1663)
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Photograph Key, Facility 1663

Vandenberg Air Force Base,
Space Launch Complex 10, Power Substation
(Facility 1669)
North end of Aero Road
Lompoc
Santa Barbara County
California

HAER No. CA-296-J

PHOTOGRAPHS

Historic American Engineering Record
Pacific Great Basin Support Office
National Park Service
Department of the Interior
Oakland, CA 94607

HISTORIC AMERICAN ENGINEERING RECORD

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Vandenberg Air Force Base,
Space Launch Complex 10, Power Substation
(Facility 1669)
North end of Aero Road
Lompoc
Santa Barbara County
California

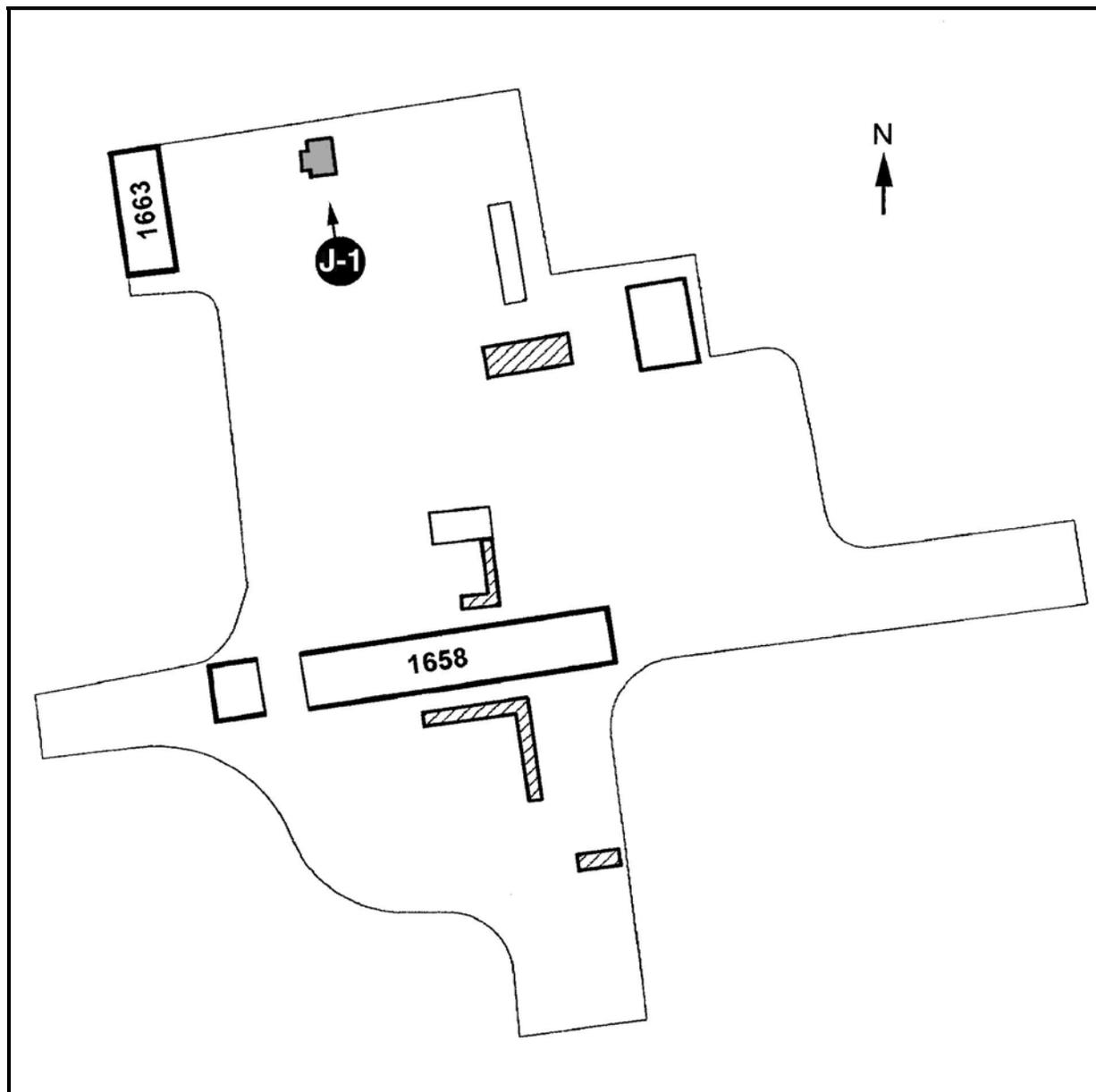
HAER No. CA-296-J

Photographer: Martin Stupich, 2001

CA-296-J-1 GENERAL VIEW OF SUBSTATION, NOTE CABLE TRENCH IN
FOREGROUND WITH CONCRETE COVERS AND STEEL HOOK
PLATES; VIEW TO NORTH.

Note: A full description of the Power Substation is contained in HAER report CA-
296 "Written Historical and Descriptive Data" (VANDENBERG AIR FORCE
BASE, SPACE LAUNCH COMPLEX 10).

Vandenberg Air Force Base, Space
Launch Complex 10, Power Substation
(Facility 1669)
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Photograph Key, Facility 1669

Vandenberg Air Force Base,
Space Launch Complex 10, LE-8
(Facility 1661)
North end of Aero Road
Lompoc
Santa Barbara County
California

CA-296-K

PHOTOGRAPHS

Historic American Engineering Record
Pacific Great Basin Support Office
National Park Service
Department of the Interior
Oakland, CA 94607

HISTORIC AMERICAN ENGINEERING RECORD

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Vandenberg Air Force Base,
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(Facility 1661)
North end of Aero Road
Lompoc
Santa Barbara County
California

CA-296-K

Photographer: Martin Stupich, 2001

CA-296-K-1 GENERAL OVERVIEW OF LAUNCH PAD; VIEW TO NORTHWEST.

CA-296-K-2 GENERAL VIEW OF LAUNCH PAD ALONG EAST WEST AXIS TO
HYDROGEN PEROXIDE FACILITY (1665); VIEW TO EAST.

CA-296-K-3 DETAIL VIEW OF ISOLATED THEODOLITE PAD IN FOREGROUND,
NOTE RUBBER SEAL ISOLATING PAD FROM SURROUNDING
CONCRETE; VIEW TO EAST.

CA-296-K-4 NORTH CONCRETE BLAST WALL; VIEW TO EAST.

CA-296-K-5 BLAST WALL FOR LOX AREA WITH OPENING FOR PIPE
CONNECTION TO SHELTER/LAUNCH PAD; VIEW TO SOUTH.

CA-296-K-6 FROM LAUNCH PAD SHOWING ACCESS TO CABLE TRENCHES
LEADING TO BLAST WALL; VIEW TO NORTHWEST.

CA-296-K-7 INTACT REMNANTS OF CABLE TRENCHES, OVERFLOW BASIN
AND LAUNCH PAD; VIEW TO SOUTHEAST.

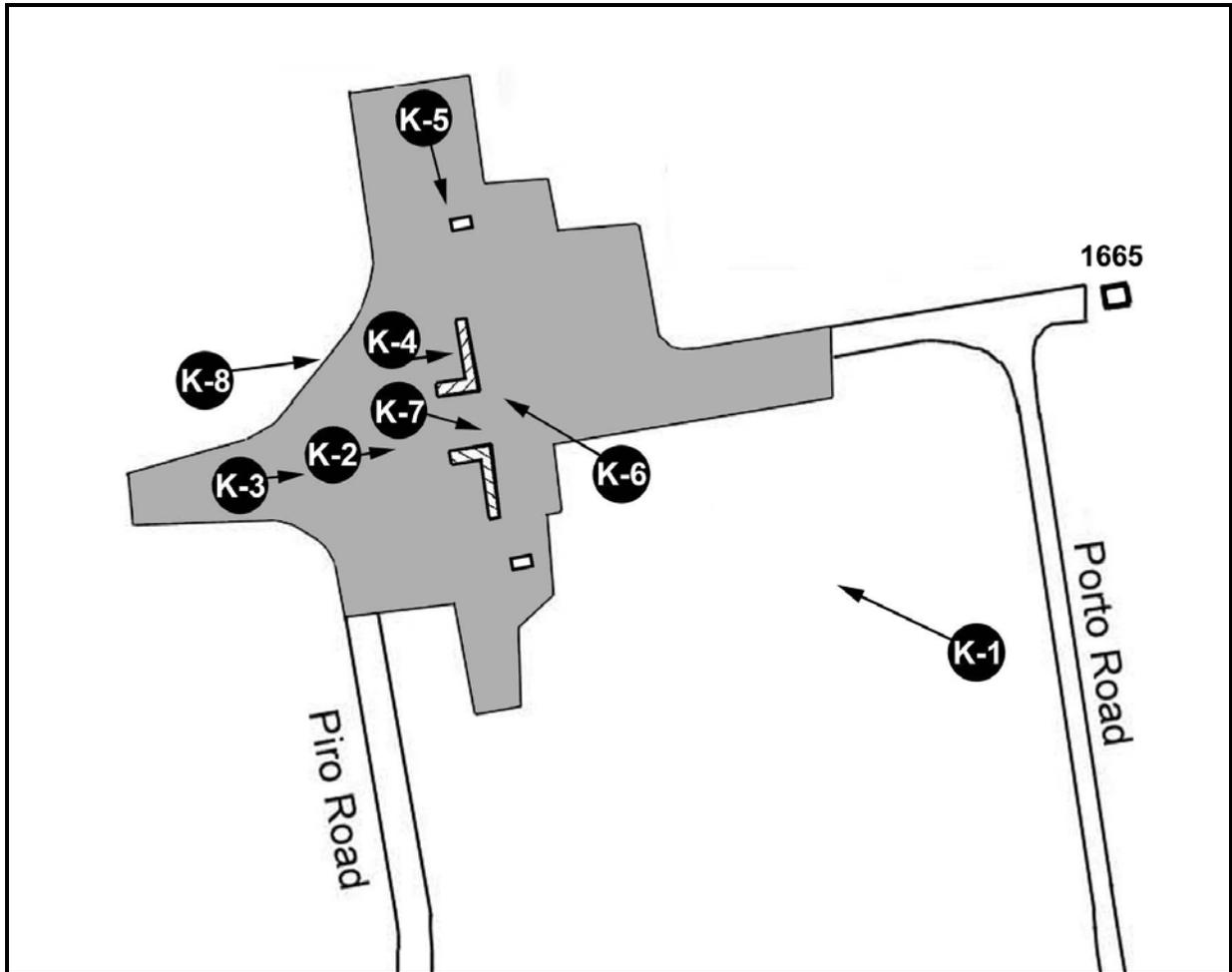
CA-296-K-8 DETAIL OF CABLE TRENCH SHOWING TYPICAL CONCRETE
SUPPORT WALL AND RECTANGULAR OPENINGS FOR ACCESS
COVERS; VIEW TO EAST.

Reference: Original of the photographic reproduction of engineering drawing CA-296-K-9 of HAER report CA-296 is located in 30 CES/CECB, Base Planning, Drawing Vault, Building 11443, Vandenberg Air Force Base. The photograph is an 8" x 10" enlargement of a 4" x 5" large-format negative.

Vandenberg Air Force Base, Space
Launch Complex 10, LE-8
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CA-296-K-9 Photograph of engineering drawing.
G/M TRAINING FACILITY 75-2: G/M LAUNCHER NO. 8 ELECTRICAL
PLAN, SPECIFICATION NO. OC1-58-44, DRAWING E-7C, SHEET 84,
FILED UNDER 1661-1-1, MARCH 1958.

Note: A full description of LE-8 is contained in HAER report CA-296 "Written
Historical and Descriptive Data" (VANDENBERG AIR FORCE BASE,
SPACE LAUNCH COMPLEX 10).



Photograph Key, Facility LE-8