# DFRC Excavation and Digging Permit

**This permit is required before any ground penetration deeper than 6 inches.**
Inside the DFRC fence line - Use this form.
Between DFRC fence line, and lease line - Use this form.
Outside the DFRC lease line - Use only AF Form 332 and coordinate with Air Force Environmental Office.

| PROJECT NAME: | CONTRACT NUMBER: | TASK ORDER NUMBER: |
|---|---|---|
| FACILITY PROJECT MANAGER OR PROJECT ADVISOR: | ORGANIZATION: | EXTENSION |

PLANNED EXCAVATION/DIGGING PERIOD *(MM/DD/YYYY):*

| START: | END: |
|---|---|

**Code F representative confirms the required documents are adequate, attached and the required preparations have been completed.**

**DOCUMENTS**

- ☐ Work plan prepared by construction contractor
- ☐ Activity Hazard Analysis (AHA) prepared by construction contractor
  - Include de-energizing utilities, shoring and barricading plans as necessary
  - All hazards have been identified - see Permit Required Operations section of the contract specifications
- ☐ Written request for Excavation and Digging Permit prepared by construction contractor
- ☐ Government-provided current subsurface utility drawing for excavation area

**PREPARATIONS**

- ☐ Construction contractor has identified known subsurface utilities and adequately marked by staking, painting, or marking all of the following utility lines *(at a minimum): electrical distribution, natural gas, drainage system, water, sewer, compressed air, and communication/data*
- ☐ Contractor has field located and confirmed all utility isolation devices *(e.g., valves, breakers and switches)*
- ☐ FPM or PA has coordinated digging activities and identified utility isolation device locations with O&M contractor

| CODE F CONFIRMATION - FACILITY PROJECT MANAGER OR PROJECT ADVISOR *(print and sign)*: | DATE: |
|---|---|

**Knowledgeable organizational representatives confirm they understand the request, have reviewed the attachments, and have coordinated with Code F regarding known hazards and issues.**

| | |
|---|---|
| CODE MI CONFIRMATION - CABLE PLANT / TELECOM / IT *(print and sign)*: | DATE: |
| CODE SH CONFIRMATION - SAFETY OFFICER *(print and sign)*: | DATE: |
| CODE SH CONFIRMATION - ENVIRONMENTAL OFFICER *(print and sign)*: | DATE: |
| CODE F CONFIRMATION - O&M CONTRACTOR *(print and sign)*: | DATE: |

**Code F Approves Excavation and Digging Permit**

| | |
|---|---|
| CODE F APPROVAL - FACILITY PROJECT MANAGER *(print and sign)*: | DATE: |
| CODE F APPROVAL - CHIEF *(print and sign)*: | DATE: |

Construction contractor to perform no powered equipment digging within 10 feet of known utilities and/or structures, until utility is exposed *(pot-holed)* and confirmed by construction contractor superintendent and Code F Facility Project Manager.

# DFRC Excavation and Digging Permit

**Instructions:**

Before any excavation, digging, or ground penetration deeper than 6 inches, this signed and approved DFRC Excavation and Digging Permit is required in accordance with DPD-8820.2-001 and DCP-F-500. The construction contractor is required to provide a written request for Excavation and Digging Permit 7 calendar days prior to the start of digging operations; this request must be accompanied by a Work Plan, and an Activity Hazard Analysis (AHA).

DFRC fence lines and lease lines are shown on the Code F DFRC Site Map (Drawing # EDM-1305).
DFRC Environmental Office is accessible by contacting Code SH Front Desk at X2307.
Air Force Environmental Office is accessible by contacting Air Force Civil Engineering at (661) 277-3330.

**Project Name** - The official Code F Facilities CCB number as well as its official title

**Contract Number** - The official contract number if the request is specifically for an existing contract, and can be found from Code A or NAIS (https://prod.nais.nasa.gov/). (e.g., NND##FF##C)

**Task Order (TO) Number** - The official task order number pertaining to IDIQ contracts; not applicable on all dig permits.

**Facility Project Manager** - DFRC Code F employee managing the facilities project.

**Project Advisor** - Engineering technical support employee supporting the facility project manager.

**Organization and Extension** - Contract information for the requestor.

**Planned Excavation / Digging Period** - Start and end dates for the period, during which there will be an open excavation. (e.g., hole, pit, trench or ditch made by digging that remains until backfilling)

**Documents** - FPM or PA will obtain, review, and attach all three items prepared by the construction contractor. FPM or PA will attach Government-provided current subsurface utility drawings reviewed by the Facility Project Manager. All government-provided current subsurface utility drawings are available from Facilities Record Drawing Control. FPM or PA will checkmark each checkbox next to the item confirming that it is attached.

**Preparations** - FPM or PA will confirm the first two preparatory activities have been performed by the construction contractor. Coordination with the O&M contractor includes preparing for any required operation of DFRC utility isolation devices and de-conflicting concurrent activities.

All signatories are signing in agreement with the statements in the gray boxes above the signatures.

Provide a copy of fully executed form (without attachments) to DFRC Environmental Officer.

For any additional question, please call Facilities front desk at X3370, or Chief of Code F.

**Acronyms and Definitions:**

**AF** - Air Force
**AHA** - Activity Hazard Analysis
**CCB** - Configuration Control Board
**CODE A** - Acquisition Management Office
**CODE F** - Facilities Engineering and Asset Management Office
**CODE M**I - Office of the Chief Information Officer
**CODE SH** - Safety, Health, and Environmental Office
**COTR** - Contracting Officer's Technical Representative
**DFRC** - Dryden Flight Research Center
**FPM** - Facility Project Manager
**PA** - Facility Project Advisor
**GQA** - Government Quality Assurance
**IDIQ** - Indefinite Delivery Indefinite Quantity
**NAIS** - NASA Acquisition Internet Service
**NASA** - National Aeronautics and Space Administration
**O&M** - Operations and Maintenance

National Aeronautics and Space Administration
**Dryden Flight Research Center**

# Digging or Trenching?

## Get a permit before you begin.

# Why a permit?

## To prevent hazards to employees.

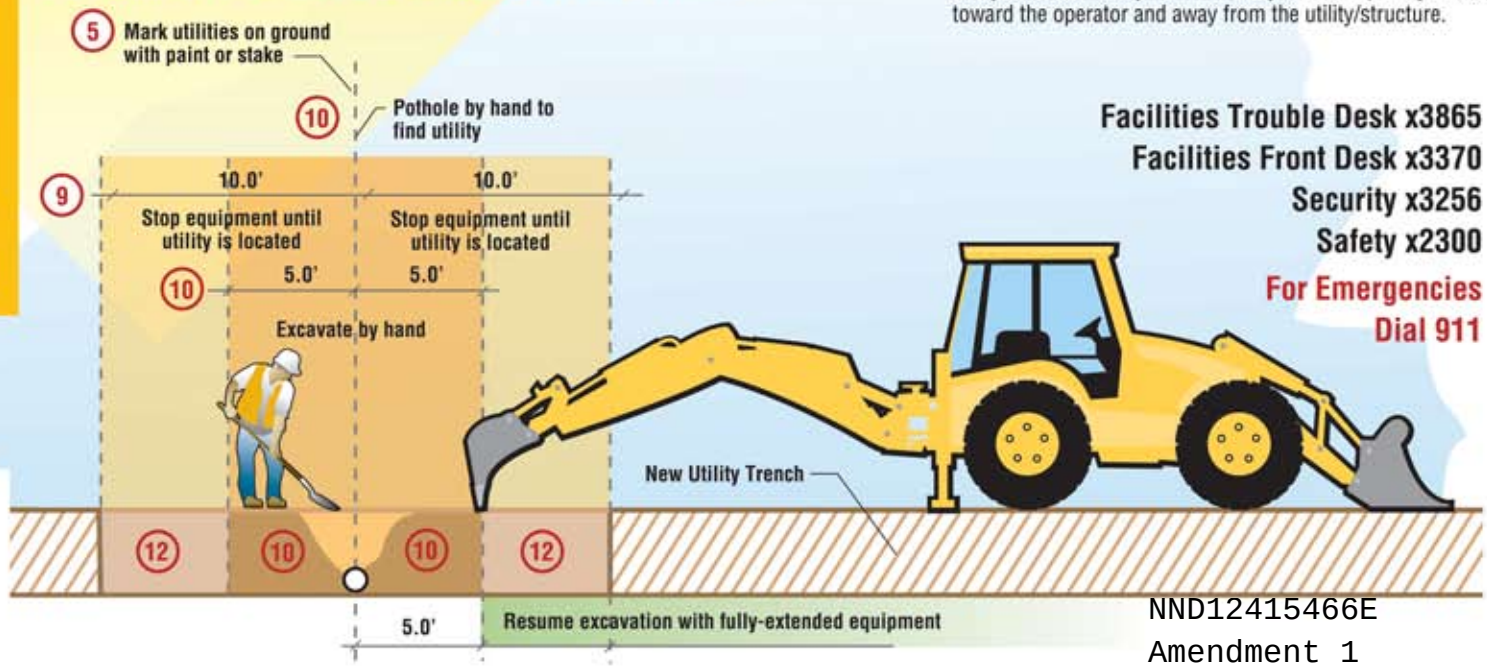
## To prevent damage to subsurface utilities.

**Avoid broken utilities!**

**Before starting any excavation, digging, trenching or ground penetration six inches or deeper, including driving stakes into the ground, follow these steps:**

1. Write a Work Plan describing the work to be accomplished during the digging/ground penetration activities and include a schedule of the work. The schedule shall include the dates and time period the work will be performed.
2. Perform and write down the Activity Hazard Analysis of the proposed work to be accomplished during the digging/ground penetration activities. Consider de-energizing active utilities.
3. Initiate coordination with NASA (the Contracting Officer's Technical Representative) by writing and submitting a request for a permit (a letter to NASA) for Excavation and Digging, and attach the Work Plan and Activity Hazard Analysis to the request.
4. Obtain current subsurface utility drawings (underground utility maps) of the particular area of work.
5. Stake out, mark, paint lines, or otherwise identify all subsurface utilities and structures.
6. Obtain agreement from NASA that the stakes and markings are adequate.
7. Obtain the approved permit package. Ensure the equipment operator understands all hazards, utility locations, and setback distances.
8. Proceed in accordance with the approved permit package and requirements of contract.
9. Perform no powered equipment digging or machine excavation work (examples: backhoe, jackhammer, trencher, auger, etc.) within ten feet of subsurface utilities and/or structures, until utility is exposed.
10. Expose the subsurface utilities and structures by hand digging methods (pot holing) with pick, shovel, or water pressure-vacuum, with care. Powered equipment and machine excavations shall not be performed within five feet of subsurface utilities and/or structures.
11. Obtain agreement from NASA on how much closer to the subsurface utilities and/or structure the machine excavations can be allowed.
12. Backhoes must be positioned so that when the arm is in the full extension it cannot come any closer than five feet to the subsurface utilities and/or structure. The backhoe arm must always be drawn away from the utility/structure pulling material toward the operator and away from the utility/structure.

## Trench excavation at underground utilities




**Facilities Trouble Desk x3865**
**Facilities Front Desk x3370**
**Security x3256**
**Safety x2300**
**For Emergencies Dial 911**

This document was developed by the Facilities Engineering and Asset Management Office (Code F) in partnership with the Safety and Mission Assurance Office (Code S).

NND12415466E
Amendment 1
Attachment 7

SEE REAL PROPERTY ACCOUNTABLE OFFICER FOR LOCATION

## NON BUILDINGS

| LOC. | No. | DESCRIPTION |
|---|---|---|
| * | LAND | DRYDEN FLIGHT RESEARCH CENTER/DFRC |
| * | NB001 | AIRFIELD TAXIWAY |
| * | NB002 | SHOULDER, TAXIWAY OIL |
| * | NB003 | TOW-WAY RAMPS |
| * | NB004 | AIRCRAFT PARKING AND OTHERS |
| * | NB005 | AIRCRAFT PARKING AND SERVICING AREA |
| * | NB006 | AIRCRAFT APRON |
| * | NB007 | AIRCRAFT PARKING (BITUMINOUS) |
| * | NB008 | CATSITE DIESEL FUEL TANK |
| * | NB009 | OPEN STORAGE AREA (BITUMINOUS) |
| * | NB010 | MATERIALS STORAGE AREA |
| * | NB011 | OPEN STORAGE STABILIZED |
| | NB012 | STORAGE FACILITIES |
| | NB015 | JET-BLAST DEFLECTORS |
| | NB016 | HYDRAULIC A/C LIFT |
| | NB018 | ANTENNA FARM |
| | NB020 | RELAYING AT MSBLS |
| | NB021 | DIESEL GENERATOR for BLDG 4824 & 4870 |
| | NB023 | CATSITE UTILITIES |
| | NB024 | ELECTRICAL DISTRIBUTION SYSTEM |
| | NB025 | ELECTRICAL DISTRIBUTION SYSTEM, CATSITE |
| | NB026 | ELECTRICAL & COMMUNICATIONS DUCT SYSTEMS |
| | NB027 | FLOOD LIGHTING |
| | NB028 | DISTRIBUTION TRANSFORMER |
| | NB029 | GROUNDING SYSTEM |
| | NB030 | STEAM & CONDENSATE SYSTEMS |
| | NB031 | NATURAL GAS TRANSMISSION LINE |
| | NB032 | SEPTIC TANK & DRAIN FIELD |
| | NB033 | SEPTIC TANK & DRAIN FIELD |
| | NB034 | SANITARY SEWER (GRAVITY) |
| | NB035 | SANITARY SEWER (3 Inch) |
| | NB036 | SANITARY SEWER (6 Inch) |
| | NB037 | WATER DISTRIBUTION PIPE (POTABLE) |
| | NB039 | WATER DISTRIBUTION SYSTEM (FIRE) |
| | NB040 | COMPRESSED AIR SYSTEMS |
| | NB041 | STREET LIGHTING |
| | NB042 | 2 DIESEL GENERATORS (SHUTTLE AREA) |
| | NB043 | HIGH FREQUENCY LOG ANTENNA |
| | NB044 | PUBLIC ADDRESS SYSTEM (OUTDOOR) |
| | NB045 | ANTENNA, CROSS-DIPOLE |
| | NB046 | COMMUNICATION DUCTS (MANHOLES) |
| | NB047 | PHONE SYSTEM |
| * | NB049 | LIGHTING (A/C PARKING) |
| * | NB050 | CATSITE ROADWAY |
| * | NB051 | ROAD (BITUMINOUS) |
| * | NB052 | CULVERTS AND OTHER |
| * | NB054 | D.G.ROADS AND OTHERS (DIRT ROADS) |
| * | NB055 | MONUMENTS |
| * | NB057 | NASA NAME SIGNS |
| * | NB058 | VEHICLE PARKING AREA (BITUMINOUS) |
| * | NB059 | CONCRETE SIDEWALKS |

## NON BUILDINGS

| LOC. | No. | DESCRIPTION |
|---|---|---|
| * | NB060 | BITUMINOUS SIDEWALKS |
| * | NB061 | SIDEWALKS AND OTHERS |
| * | NB062 | SIDEWALKS AND OTHERS |
| * | NB063 | STORM SEWER SYSTEM |
| * | NB064 | DRAIN DITCH (OPEN) |
| * | NB065 | LAWN SPRINKLER SYSTEM |
| * | NB066 | EVAPORATION POND |
| * | NB067 | SECURITY FENCING |
| * | NB071 | FIRE ALARM AND OTHER SYSTEMS |
| * | NB072 | FIRE PROTECTION SYSTEM TEST POND AREA |
| * | NB073 | MSB LANDING SYSTEMS SHELTER PADS |
| * | NB074 | FIRE PROTECTION (HYDRANTS) |
| * | NB075 | FIRE PROTECTION (HYDRANTS) |
| * | NB102 | EMERGENCY EYEWASH/SHOWERS |
| * | NB104 | RUN-UP PAD JET PROPEL.A/C |
| * | NB105 | UTILITY TUNNEL |
| * | NB110 | BORESIGHT TOWER |
| * | NB111 | FPS-16 TRIPLEX ANTENNA |
| * | NB112 | FACILITIES FOR ANTENNA No. 2 |
| * | NB117 | HAZARDOUS MATERIALS STORAGE LOCKERS |
| * | NB118 | GROUNDS IMPROVEMENT |
| H-9 | NB119 | SHUTTLE MATE/DE-MATE DEVICE |
| J-8 | NB120 | PROPELLANT FUEL & OXIDIZER STORAGE AREA |
| C-7 | NB121 | TIPTANK STORAGE |
| C-6 | NB122 | BARREL SUNSHADE |
| H-9 | NB123 | MICROWAVE COMMUNICATION TOWER |

## BUILDINGS

| No. | LOC. | DESCRIPTION |
|---|---|---|
| 192 | F-5 | LONG RANGE OPTICAL TOWER (LRO) |
| 4800 | C-7 | RESEARCH, DEVELOPMENT & TEST BUILDING (WATR) |
| 4801 | C-7 | AIRCRAFT CONSTRUCTION & MODIFICATION HANGAR |
| 4802 | C-7 | MAIN HANGAR |
| 4803 | C-7 | AGE FABRICATION SHOP |
| 4804 | B-7 | STOREHOUSE (HVAC) |
| 4805 | B-7 | FACILITY DISASTER OPERATION BUILDING (FDOB) |
| 4806 | C-7 | GARAGE/BATTERY SHOP |
| 4807 | C-7 | R&D TEST LIFE SCIENCE (LIFE SUPPORT) |
| 4808 | C-7 | WAREHOUSE NO. 2 |
| 4809 | B-7 | GARAGE/DRYDEN HISTORY OFFICE |
| 4810 | B-7 | CODE F/FACILITIES MAINTENANCE CONTRACTOR BUILDING |
| 4818 | F-9 | GUARD POST NO. 6 (SHUTTLE) |
| 4820 | D-8 | FLIGHT LOADS LABORATORY |
| 4821 | D-8 | PAINT SPRAY BUILDING |
| 4822 | E-8 | POST FLIGHT SCIENCE SUPPORT FACILITY |
| 4823 | C-8 | MACHINE/SHEET METAL SHOP & HAZMAT REC. FAC. |
| 4824 | D-4 | COMMUNICATIONS BUILDING |
| 4825 | D-7 | INTEGRATED SUPPORT FACILITY |
| 4826 | F-9 | AIRCRAFT MAINTENANCE HANGAR |
| 4827 | B-7 | WAREHOUSE NO. 9 (FACILITIES EQUIP. STORAGE) |

## BUILDINGS

| LOC. | No. | DESCRIPTION |
|---|---|---|
| 4828 | B-5 | MAINTENANCE STORAGE BLDG. |
| 4829 | G-9 | GUARD POST NO. 12 (SHUTTLE) |
| 4830A | E-8 | RESEARCH ENGINEERING SUPPORT FACILITY |
| 4830B | E-8 | RESEARCH ENGINEERING SUPPORT FACILITY |
| 4830C | E-8 | RESEARCH ENGINEERING SUPPORT FACILITY |
| 4830D | E-8 | RESEARCH ENGINEERING SUPPORT FACILITY |
| 4830E | E-8 | RESEARCH ENGINEERING SUPPORT FACILITY |
| 4831 | F-9 | BATTERY MAINTENANCE SHOP |
| 4832 | C-6 | MAILROOM/COMPUTER SUPPORT BUILDING |
| 4833 | G-9 | SHUTTLE HANGAR & SHOPS |
| 4834 | D-6 | GUARD POST #2 (MAIN ENTRANCE) |
| 4835 | G-9 | PAINT & OIL STORAGE (SHUTTLE) |
| 4837 | G-9 | WAREHOUSE NO. 8 (SHUTTLE) |
| 4838 | D-8 | DATA ANALYSIS FACILITY (D.A.F.)/CONSOLIDATED INFORMATION TECHNOLOGY CENTER (CITC) |
| 4839 | E-7 | STRATEGIC COMMUNICATIONS OFFICE |
| 4840 | E-8 | RESEARCH AIRCRAFT INTEGRATION FACILITY (RAIF) |
| 4841 | F-8 | CALIBRATION FACILITY |
| 4842 | F-8 | DRYDEN LEARNING CENTER |
| 4843 | D-7 | REMOTE FACILITY |
| 4844 | F-8 | PROJECT SUPPORT COMPLEX |
| 4845 | F-9 | SHUTTLE SUPPORT ADMINISTRATIVE OFFICE |
| 4846 | F-8 | ARCATA ADMINISTATION FACILITY |
| 4847 | F-7 | SPECIAL PROJECTS BUILDING |
| 4848 | C-7 | UNINTERRUPTABLE POWER SUPPLY (WATR) |
| 4850 | D-6 | SAFETY OFFICE |
| 4851 | C-6 | AUDIO/VIDEO SUPPORT CENTER |
| 4852 | B-6 | HAZMAT STORAGE FACILITY |
| 4853 | F-9 | FIRE PROTECTION PUMP STATION NO. 1 |
| 4854 | B-6 | FUELING STATION |
| 4856 | G-8 | SHUTTLE SUPPORT |
| 4857 | B-5 | WATR STORAGE BUILDING |
| 4859 | G-9 | ORBITAL TURN-AROUND BUILDING-SHUTTLE ACTIVITY |
| 4862 | H-9 | COMMUNICATIONS/EQUIP. ROOM |
| 4863 | F-9 | SHUTTLE SUPPORT ADMIN.OFFICE-LOCKHEED MARTIN |
| 4864 | G-9 | ORBITAL TURN-AROUND BUILDING |
| 4865 | G-8 | WAREHOUSE SHUTTLE SUPPORT |
| 4866 | G-9 | GROUND CREW BLDG (TRAILER T-9). |
| 4867 | F-8 | PAYLOAD PROCESSING FACILITY |
| 4870 | C-3 | RANGE OPERATIONS & MAINTENANCE-WATR |
| 4871 | H-9 | GUARD POST NO. 13 |
| 4872 | E-8 | CENTRAL EMERGENCY GENERATOR PLANT |
| 4874 | D-7 | BACK-UP POWER SYSTEM |
| 4875A | D-7 | BATTERY BUILDING |
| 4875B | D-7 | UPS FOR CDC FACILITY |
| 4876 | C-5 | SHIPPING & RECEIVING FACILITY |
| 4877 | E-8 | DRYDEN FITNESS CENTER |
| 4887 | E-5 | BORESIGHT TOWER EQUIPMENT BLDG. |

## DRYDEN TRAILERS

| No. | LOC. | DESCRIPTION |
|---|---|---|
| T-1 | D-8 | EDWARDS FEDERAL CREDIT UNION |
| T-13 | F-8 | SHUTTLE SUPP.-DEBRIS |
| T-16 | F-8 | SHUTTLE SUPP.-KSC PAYLOADS |
| T-17 | F-8 | SHUTTLE SUPP.-FLIGHT CREW EQUIP. |
| T-20 | C-7 | A/C MAINT. OPS OFFICE |
| T-42 | D-7 | INSPECTOR GENERAL OFFICE |
| T-47 | D-8 | PROJECTS OFFICE TRAILER |
| T-69 | E-8 | ASTRONAUT TRAILER |
| T-70 | E-8 | ASTRONAUT TRAILER |
| T-72 | F-5 | M.S.B.L.S. (RUNWAY 22) |
| T-79 | F-8 | SHUTTLE SUPPORT-TEST EQUIP. POOL |
| T-80 | F-8 | SHUTTLE SUPPORT TRAINING |

## HAZ. MAT. LOCKERS

| No. | ID. | LOC. |
|---|---|---|
| HM1 | | B-7 |
| HM2 | | C-8 |
| HM3 | | C-8 |
| HM4 | | B-6 |
| HM5 | | G-9 |
| HM6 | | G-9 |
| HM7 | | B-7 |
| HM8 | | B-6 |
| HM9 | | C-8 |
| HM10 | | F-9 |
| HM11 | | B-6 |
| HM12 | | C-6 |
| HM13 | | B-6 |
| HM14 | | B-6 |
| HM15 | | B-6 |
| HM16 | | B-7 |
| HM17 | | C-8 |
| HM18 | | H-9 |
| HM19 | | H-9 |

## SUBSTATIONS

| No. | ID. | LOC. |
|---|---|---|
| 1 | NB81 | C-7 |
| 2 | NB82 | B-7 |
| 3 | NB83 | D-8 |
| 4 | NB84 | F-9 |
| 5 | NB85 | G-9 |
| 6 | NB94 | G-8 |
| 7 | NB86 | F-8 |
| 8 | NB124 | E-7 |
| 9 | NB96 | E-7 |
| 10 | NB87 | D-8 |
| 11 | NB88 | B-6 |
| 12 | NB95 | E-8 |
| 13 | NB92 | C-6 |
| 14 | NB97 | C-4 |
| 15 | NB93 | B-6 |

## SUBSTATIONS

| No. | ID. | LOC. |
|---|---|---|
| 16 | NB89 | E-8 |
| 17 | NB98 | H-3 |
| 18 | NB99 | I-1 |
| 19 | NB90 | J-2 |
| 20 | NB113 | H-2 |
| 22 | NB91 | H-9 |
| 23 | NB116 | F-7 |
| 24 | NB115 | D-6 |
| 25 | NB?? | D-9 |
| 26 | 4838A | D-8 |
| 27 | NB128 | E-8 |
| 28 | NB129 | C-5 |
| 29 | NB130 | MSBLS |
| 1703 | NB131 | MSBLS |

## SEWAGE EJECTORS

| No. | ID. | LOC. |
|---|---|---|
| 1 | NB106 | B-7 |
| 2 | NB107 | E-8 |
| 3 | NB101 | B-6 |
| 4 | NB100 | G-9 |
| 6 | NB00 | B-6 |
| 7 | NB00 | B-7 |
| 8 | NB00 | G-9 |

## STORAGE FACILITIES

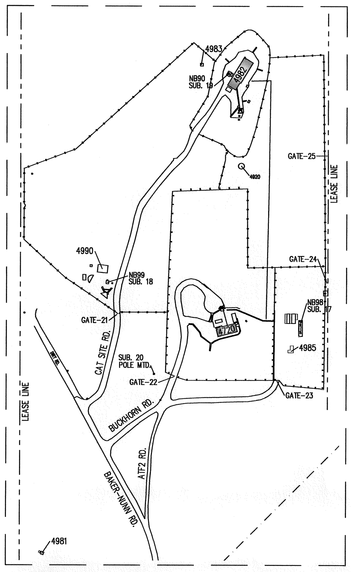
| No. | ID. | LOC. |
|---|---|---|
| HW1 | NB117 | B-6 |
| HW2 | NB117 | B-6 |
| HW3 | NB117 | B-6 |
| HW4 | NB117 | B-6 |

## NON-GOVERNMENT OWNED TRAILERS

| No. | LOC. | DESCRIPTION |
|---|---|---|
| NG-2 | D-8 | CONSTRUCTION TRAILER (TACT/DJ&T) |

## WATER TANKS

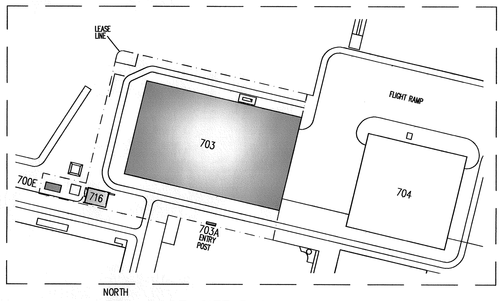
| No. | ID. | LOC. |
|---|---|---|
| 1 | NB108 | W. OF ROSA./LILLY |
| 2 | NB103 | W. OF ROSA./LILLY |
| 3 | NB114 | F-9 BEHIND 4853 |




NORTH

REMOTE SITE PLAN
SCALE: 1"= 300'
(NOT SHOWN IN RELATIVE LOCATION TO MAIN COMPLEX)

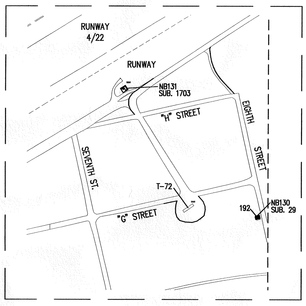
4720 AERONAUTICAL TRACKING FACILITY 2 (ATF 2)
4920 WATER TANK (A.F. OWNED)
4981 BORESIGHT EQUIPMENT BUILDING
4982 AERONAUTICAL TRACKING FACILITY 1 (ATF 1)
4983 WATER PUMP STATION (CATSITE)
4985 MICROSCOPE LABORATORY (PAYLOAD & RECEIVING FAC.)
4990 GE EARTH STATION (SUBSTATION NO. 18, 75 KVA)
(CONTRACTOR OWNED)




NORTH

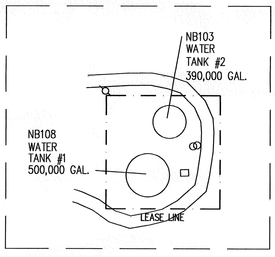
DAOF-SITE PLAN
SCALE: 1"= 300'-0"
(NOT SHOWN IN RELATIVE LOCATION TO MAIN COMPLEX)

700E HAZARDOUS MAT'L STORAGE
703 MAIN HANGAR/OFFICES
703A DAOF VISITORS CONTROL CENTER
716 HAZARDOUS MAT'L STORAGE



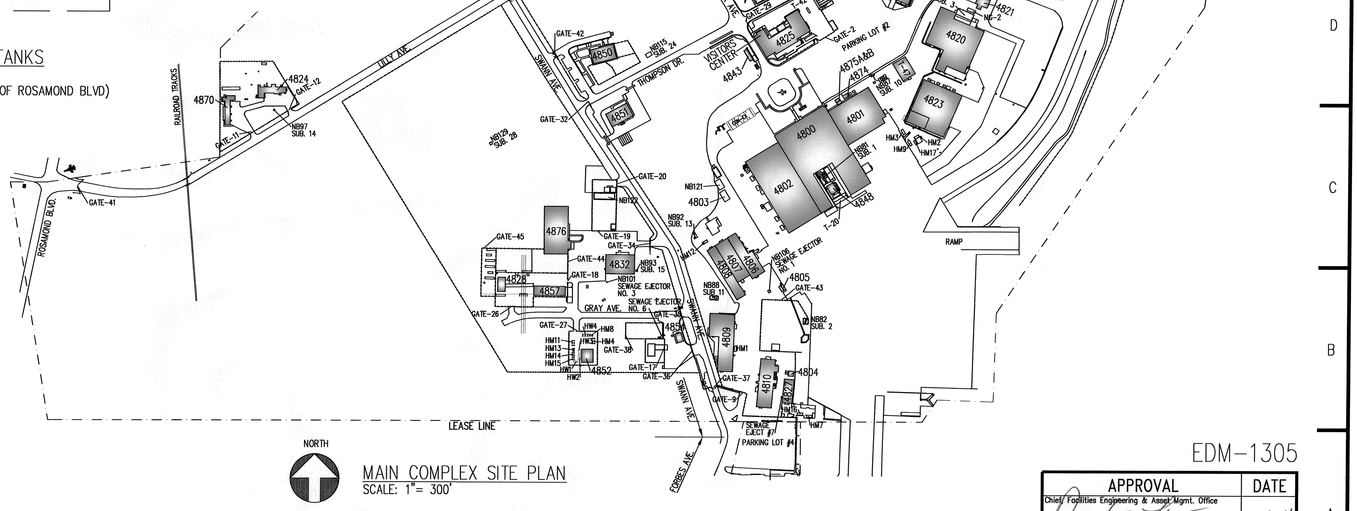

NORTH

M.S.B.L.S SITE PLAN
SCALE: 1"= 300'
(NOT SHOWN IN RELATIVE LOCATION TO MAIN COMPLEX)
BUILDING 192 LONG RANGE OPTICAL TOWER (L.R.O.)




NORTH

SITE PLAN AT TANKS
SCALE: 1"= 200'
(LOCATED SOUTHWEST OF ROSAMOND BLVD)




NORTH

MAIN COMPLEX SITE PLAN
SCALE: 1"= 300'

300' 150' 0' 300' 600'

EDM-1305

| APPROVAL | DATE |
|---|---|
| Chief, Facilities Engineering & Asset Mgmt. Office | 2-18-11 |
| DRAWN BY: K.ANDREWS | 2/14/11 |

NND12415466E
Amendment 1
Attachment 7