

INTEGRATED FIRE CONTROL AREA (NIKE MISSILE RADAR SITE)

C-1 AREA

- 411: (1958) Connecting Corridors
- 413 : (1958) Sentry Box
- 414: (1961) Generator House
- 417: (1956) Target Tracking Radar Tower
- 418: (1962) Acquisition Radar Tower
- 419: (1962) Missile Tracking Radar Tower
- 453: (1960) ABAR Radar Tower Pedestal (Pre-HIPAR or used where HIPAR is not emplaced)
- 454: (1960) Equipment Bldg
- 473: (1962) Target Tracking Radar Tower

C-2 AREA

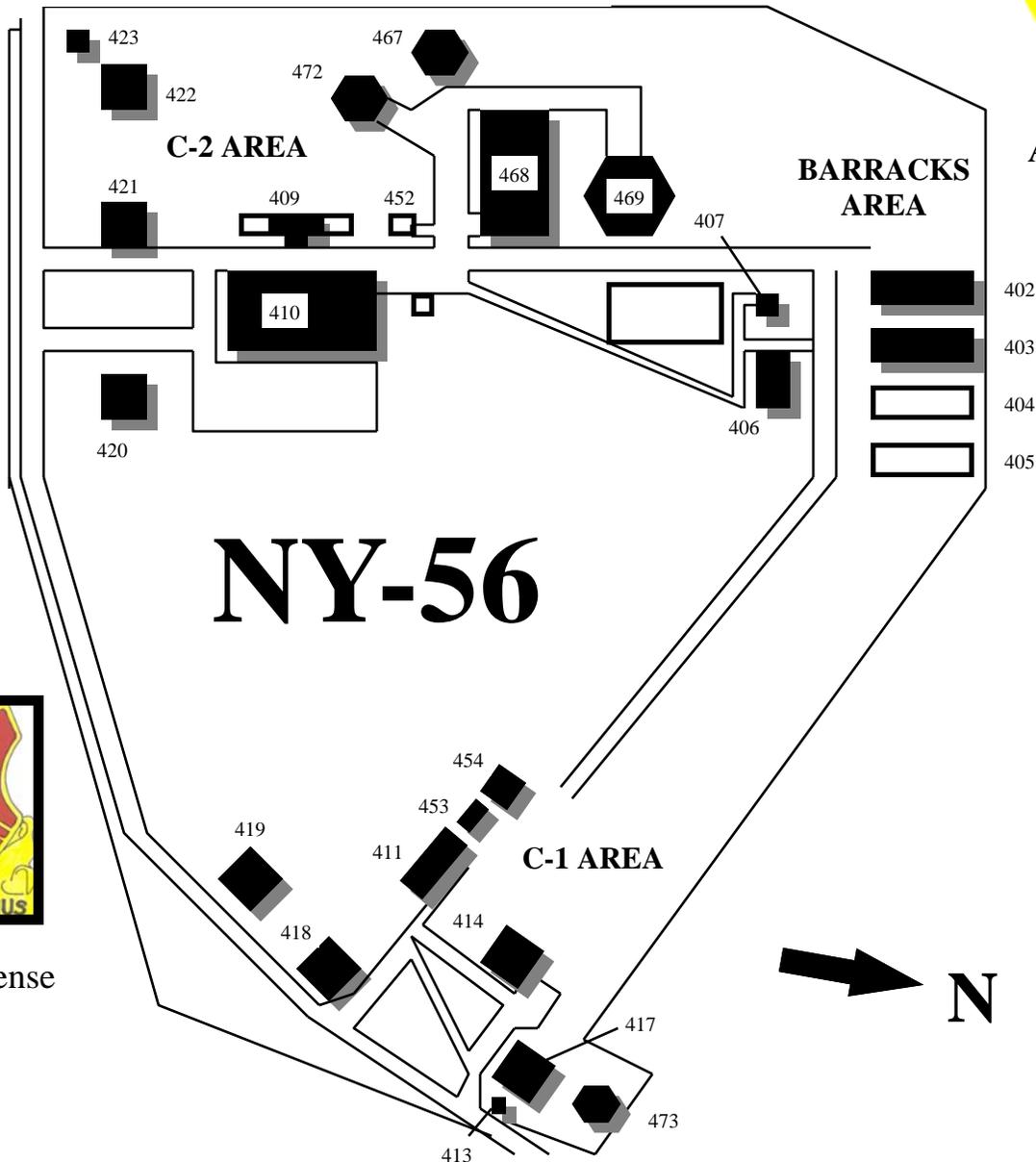
- 409: (1956) Connecting Corridors
- 410: (1962) Generator Building
- 420: (1956) Abandoned Target Tracking Radar Tower
- 421: (1956) Acquisition Radar Tower
- 422: (1956) Missile Tracking Radar Tower
- 423: (1958) Sentry Box
- 452: (1960) Equipment Bldg (Foundation only)
- 467: (1961) Target Ranging Radar Tower
- 468: (1962) HIPAR Building
- 469: (1962) HIPAR Radar Base
- 472: (1962) New Target Tracking Radar Tower

BARRACKS AREA

- 402: (1955) Enlisted Men's Barracks with Mess (C-1)
- 403: (1955) Enlisted Men's Barracks with Mess (C-2)
- 404: (1955) Enlisted Men Barracks w/Mess (Foundation only)
- 405: (1955) Enlisted Men Barracks w/Mess (Foundation only)
- 406: (1955) Latrine #1
- 407: (1955) Boiler Room



AARADCOM



71st Air Defense Artillery

Fort Hancock Nike Missile Battery NY-56

PURPOSE AND DEFINITIONS

- **C-1 AREA & C-2 AREA:** *The Fort Hancock Nike Radar Site, or Integrated Fire Control Area (IFC) as it is formally known, was divided into two sites, C-1 and C-2. Each site was the eyes for two missile launch stations or batteries. A total of four launch stations were on Sandy Hook.*
- **402-405 Enlisted Men's Barracks with Mess:** *These four barracks are where the Enlisted Men "Ready Crews" lived. There were also a mess halls located here for the men to eat. Two of the four barracks have been removed.*
- **406 Latrine #1:** *The latrine is where the toilets were located for the soldiers.*
- **407 Boiler Room:** *The boiler room provided heat to the barracks buildings.*
- **409 & 411 Connecting Corridors:** *This was one of the most important building in the IFC Area. It was the connecting structure for the Battery Control and the Radar Control Trailers. Cables went from these trailers to the radar antennas and targets were acquired, tracked and missiles were guided to the targets from these trailers. Safes in the building also contained the launch codes. The South trailer, Battery Control Station, is the director station, housing the computer, tactical and operational controls and monitors, communications equipment and components of the acquisition radars. The missile fire command originates from this point. The North trailer, Radar Control Tracking Station, contains the controls for three tracking radars, components of these radars and built in test equipment.*
- **410 & 414 Generator Buildings:** *This building (one in C-1 and one in C-2) contained three large generators that would provide emergency power should the site lose normal power.*
- **417 & 420 Target Tracking Radar Towers:** *These radar antennas were positioned for use by the earlier Nike Ajax Missile. After a target was "acquired", it would be tracked by this radar. These towers were abandoned with the advent of the new Nike Hercules missile in 1962 when the site was reconfigured. New towers were built (472 & 473) to replace the earlier ones and the antennas were repositioned on the new towers.*
- **418 & 421 LOPAR Radar Towers: (Low Power Acquisition Radar)** *The antennas on these towers constantly and vigilantly searched the skys for enemy airplanes that might attack the United States. Once the target was acquired, the Target Tracking Radar would take over and the acquisition radar would continue searching for new targets.*
- **419 & 422 Missile Tracking Radar Towers:** *Once a missile was launched, it had to be led to its target. The Missile Tracking Radar tracks the missile from the time it is erected on the launcher to the time of burst. It sends the missiles present position data to the computer and transmits steering and burst commands to the missile.*
- **413 & 423 Sentry Boxes:** *These small buildings were located at both entrances to the IFC Area which were strictly guarded secure areas. Guards were on duty twenty-four hours a day monitoring everyone who tried to gain access to the sites.*
- **452 & 454 Equipment Buildings:** *Various types of equipment were stored in these buildings.*
- **453 Radar Tower Pedestal:** *This was the location of a very early acquisition radar antenna known as ABAR (Auxiliary Battery Acquisition Radar). It dates from the end of the Korean Conflict (about 1953) and was replaced by HIPAR about 1962.*

- **467 Target Ranging Radar Tower:** *The Target Ranging Radar is slaved to the TTR and is used to furnish only range information.*
- **468 HIPAR Building:** *This building contained electronic equipment that supported the operation of the giant HIPAR antenna.*
- **469 HIPAR Radar platform: (HI Power Acquisition Radar)** *This giant antenna (“framework” dish approximately 40’ wide) has been removed but was once on a steel girder base. It was a acquisition radar with a greater tracking distance and it provided tracking for both the C-1 and C-2 site.*
- **472 & 473 Target Tracking Radar Towers:** *These new towers constructed in 1962, replaced towers 417 and 420 and were the new locations for the Target Tracking Radar Antennas. They furnish the computer with slant range, azimuth and elevation position data.*