

NATIONAL RADIO ASTRONOMY OBSERVATORY
Green Bank, West Virginia

December 8, 1983

TO: Coordinating Committee
FROM: B. Peery
SUBJECT: Numbering system for VLBA engineering drawings

The following is a suggested drawing numbering system for the VLBA engineering drawings (antennas, sites, buildings, utilities, etc.). It is assumed the electronics drawings will follow the VLA electronics numbering system.

The numbers would consist of ten (10) characters (9 numbers and one letter) arranged and coded as follows:

$X_1 X_2 X_3 X_4 X_5 X_6 X_7 X_8 X_9 X_{10}$

($X_1 X_2$) Operational Units

01 X_3 - 08 X_3	Used at Green Bank
09 X_3	Used at VLA
10 X_3	VLBA
11 X_3 - 99 X_3	Open

(X_3) Disciplines

- 0 - Specifications & Control Drawings
- 1 - Civil and Concrete (Foundations, surveys, paving, underground)
- 2 - Heavy Equipment (Machinery, gears, drives)
- 3 - Electrical
- 4 - Architectural
- 5 - Mechanical (piping, heating, ventilating, plumbing)
- 6 - Structural (primary and secondary load carrying structure)
- 7 - Fixtures, furnishings, tools equipment
- 8 - Electronic Equipment
- 9 - Open

- (X₄) Drawing Size
- A 8½ x 11
 - B 11 x 17
 - C 17 x 22
 - D 22 x 34
 - E 34 x 44
 - F 34 x Cut Length
 - S 8½ x 11 Specifications
 - M 8½ x 11 Bill of Materials
 - W 8½ x 11 Wire List

- (X₅) Preparer (Source)
- 0 - Inhouse (NRAO)
 - 1 - Consultants
 - 2 - Manufacturers
 - 3 - 9 Open

- (X₆X₇) Functional Units
- 00-09 Remote Antenna Sites
 - 10-19 Central Sites
 - 20-29 Buildings
 - 30-39 Antennas
 - 40-49 Miscellaneous
 - 50-99 Open

- (X₈X₉X₁₀) Drawing Numbers
- 001-999 Assign in numerical order.

Example: 22nd VLBA structural drawing for Antenna number 6 made by NRAO

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