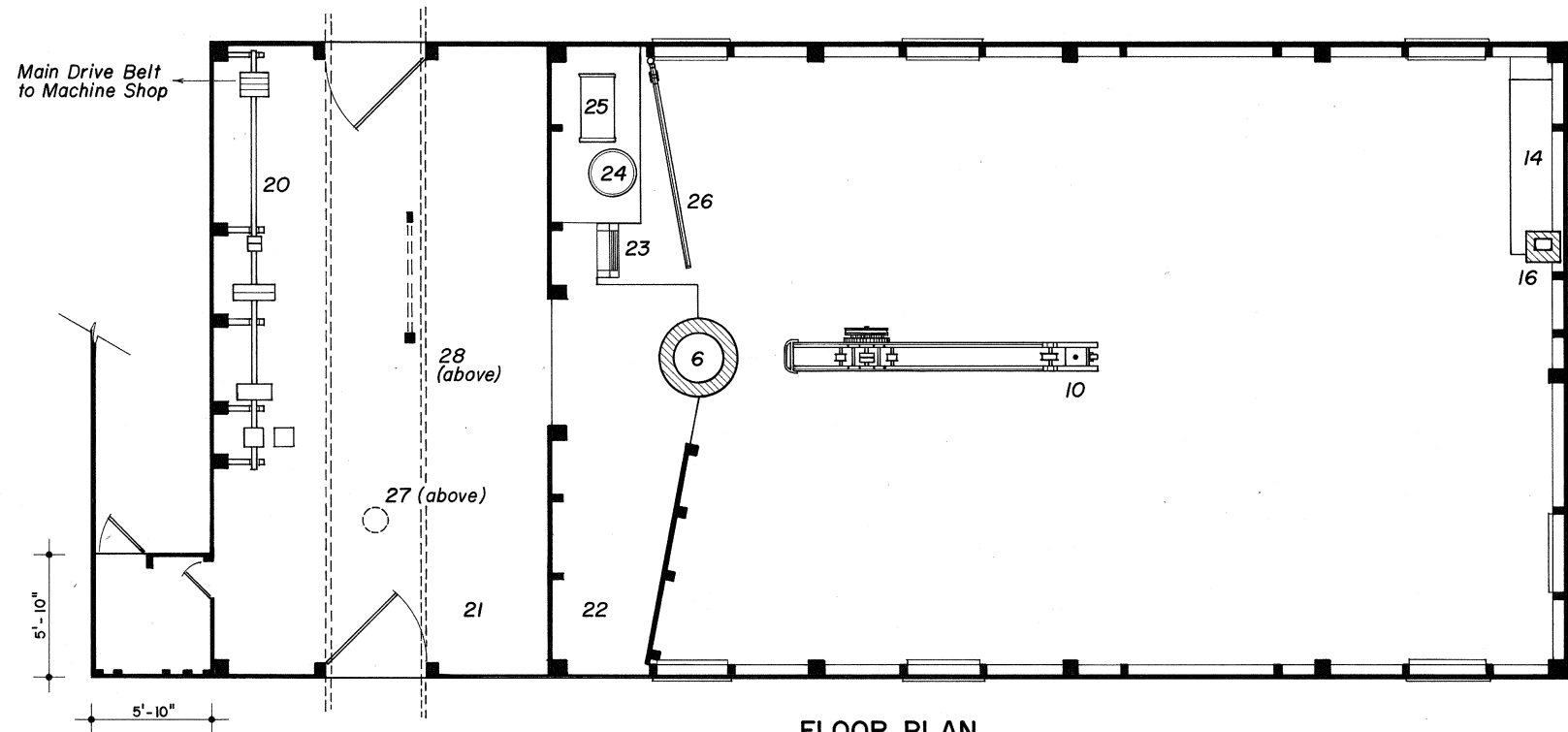


FLOOR PLAN
FOUNDRY - FIRST FLOOR

LEGEND

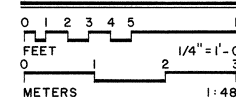
- 1 Outdoor Belt-Driven Casting Tumbler
- 2 Belt-Driven Casting Grinder
- 3 Indoor Belt-Driven Casting Tumbler
- 4 Natural-Draft Brass Melting Crucible
- 5 Cupola Wind Pipe
- 6 Iron Melting Cupola Furnace
- 7 Bustle Pipe
- 8 Hot Metal Runner
- 9 Tuyeres
- 10 Perrottet and Hoyt Wooden Foundry Crane
- 11 Molding Materials Storage Pad
- 12 Moldmaker's Racks
- 13 Core Binder Heater
- 14 Coal-Fired Cross-Draft Core Drying Oven
- 15 Firebox
- 16 Chimney
- 17 Molding Sand Storage Shed
- 18 Outdoor Coke Storage
- 19 Molding Sand Ramming Area
- 20 Belt Drive Shaft for Foundry Equipment
- 21 Storage for Kindling, Scrap Iron
- 22 Coke Storage Bin
- 23 Stairs to Second Level
- 24 Main Oil Tank for Oil-Fired Furnaces
- 25 Air Pressurization Tank for Oil Lines
- 26 Swing-Arm Crane
- 27 Pneumatic Hoist
- 28 Crane Rail



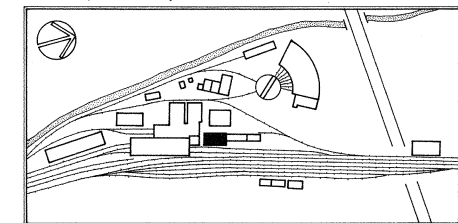
FLOOR PLAN
FOUNDRY - SECOND FLOOR

The Foundry, along with the Machine Shop and Blacksmith Shop was one of the three primary metalworking shops at the East Broad Top Railroad Shop Complex. When constructed in 1885, the wood-frame, board-and-batten sided Foundry was an important contributor to the Railroads' material self-sufficiency. The Foundry supplied iron castings to the Railroad, and also to the Rockhill Iron and Coal Company mines, area industries such as glass sand processing plants, and even cast articles such as plow blades for local farmers. The Foundry utilized a coke-fired, air-blast iron melting cupola and a natural draft brass melting crucible for producing ferrous and non-ferrous castings respectively. Prior to World War I, the EBT added a patten shop to the Foundry, and a two-story raw material charging deck with a pneumatic hoist. The Foundry has not operated since the EBT ceased operations in 1956, and remains in essentially original condition.

SCALE



KEY (No Scale)



DELINEATED BY: ROBERT DIXON, ISABEL YANG, THOMAS M. BEHRENS, 1994

SOUTHWESTERN PENNSYLVANIA
RECORDING PROJECT
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

EAST BROAD TOP RAILROAD & COAL CO., FOUNDRY c.1885
PA. STATE ROUTE 994 (MEADOW STREET) WEST OF U.S. ROUTE 522
ROCKHILL FURNACE (ORBISONIA)
HUNTINGDON COUNTY

HISTORIC AMERICAN
ENGINEERING RECORD
PA-127-D
SHEET
1 of 4

IF REPRODUCED, PLEASE CREDIT: HISTORIC AMERICAN ENGINEERING RECORD, NATIONAL PARK SERVICE, NAME OF DELINEATOR, DATE OF THE DRAWING