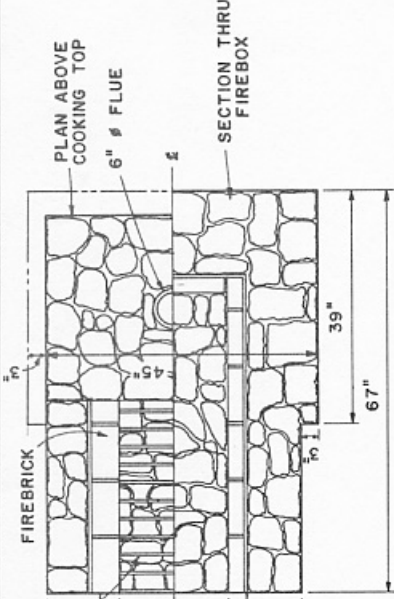


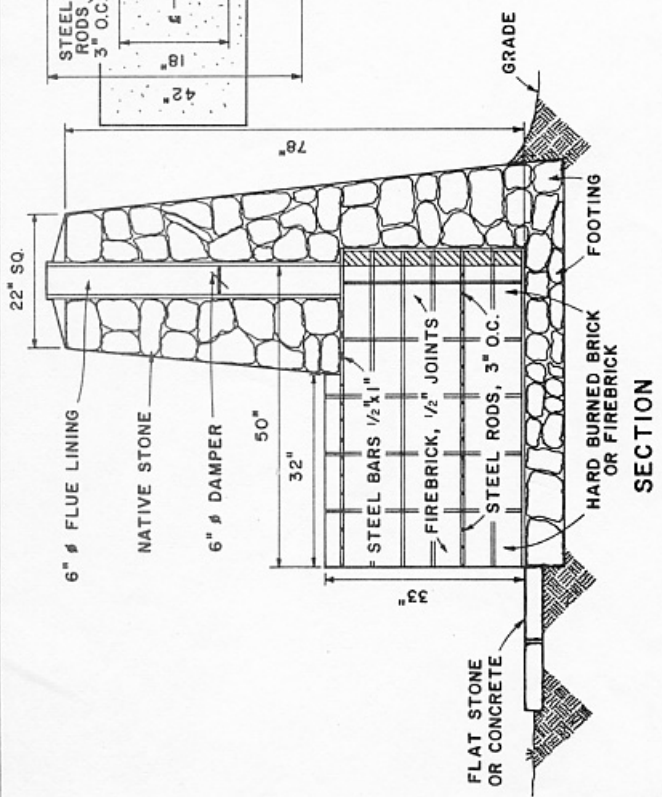
PERSPECTIVE



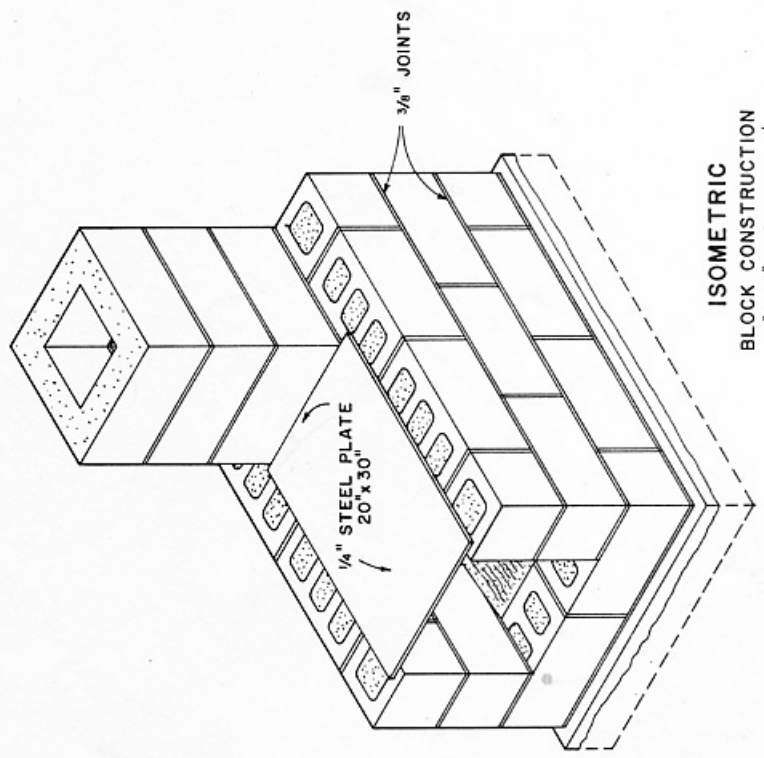
PLAN

BILL OF MATERIALS

- STONE CONSTRUCTION**
- 50 CU. FT. NATIVE STONE
 - MORTAR: 1:3 MIX
 - 5 BAGS CEMENT
 - 11 CU. FT. SAND
 - 98 FIREBRICK
 - 3 STEEL BARS 1/2"x1"x22"
 - 28 STEEL RODS 1/2" # x 22"
 - 1 FLUE LINING OR TILE 6" # x 50"
 - 1 DAMPER 6" #

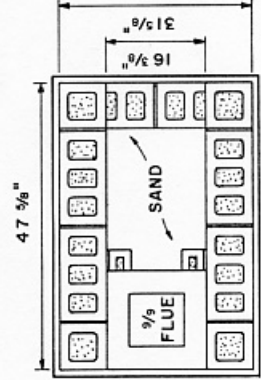


SECTION



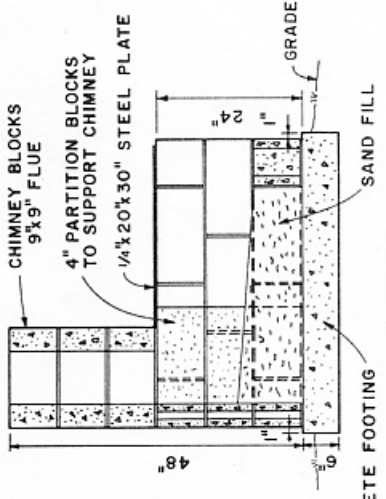
ISOMETRIC

BLOCK CONSTRUCTION



PLAN

STEEL PLATE NOT SHOWN



SECTION

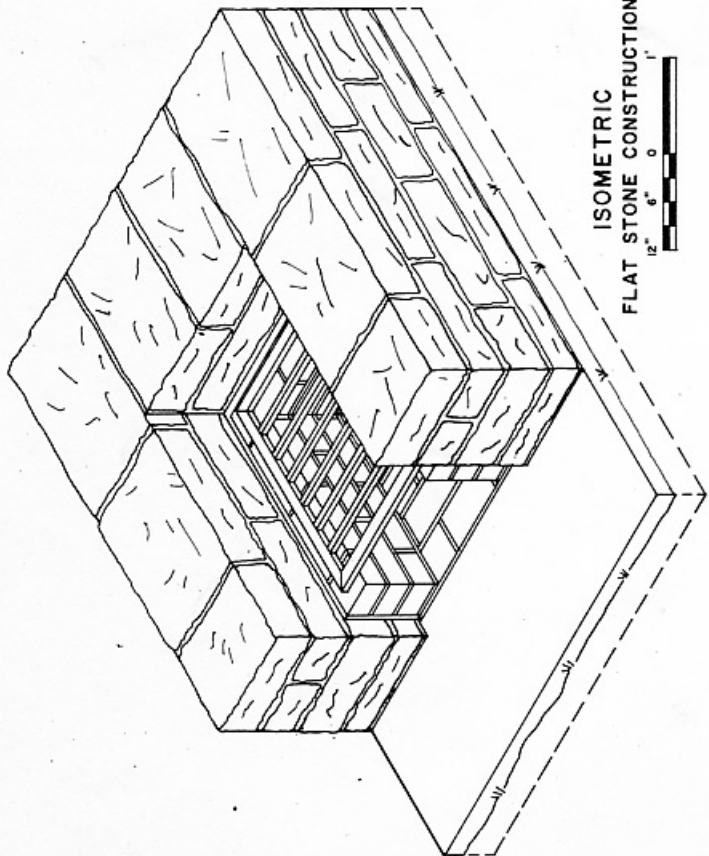
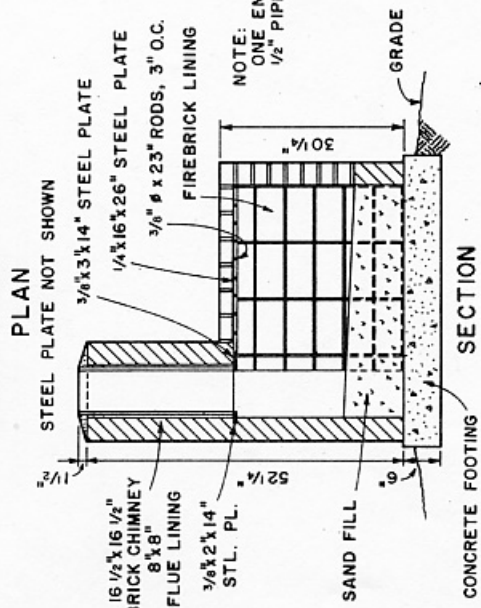
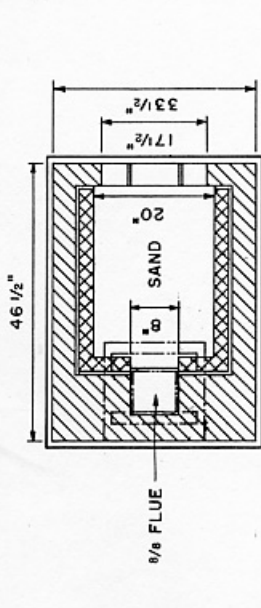
BILL OF MATERIALS

- CONCRETE BLOCK CONSTRUCTION**
- 16 REGULAR BLOCKS 8"x8"x16"
 - 6 HALF BLOCKS 8"x8"x8"
 - 9 PARTITION BLOCKS 4"x8"x16"
 - 3 CHIMNEY BLOCKS (9"x9" OPENING 17"x8"x17")
 - 1 STEEL PLATE 1/4"x20"x30"
 - MORTAR:
 - 1 96 LB. SACK PORTLAND CEMENT
 - 1 100 LB. HYDRATED LIME
 - 300 LB. MASON SAND
 - 2 CONCRETE BASE:
 - 1 96 LB. SACKS OF PORTLAND CEMENT
 - 1 400 LB. SAND
 - 1 500 LB. GRAVEL OR STONE

BASED ON: OREGON, VIRGINIA AND NATIONAL PARK SERVICE PLANS.

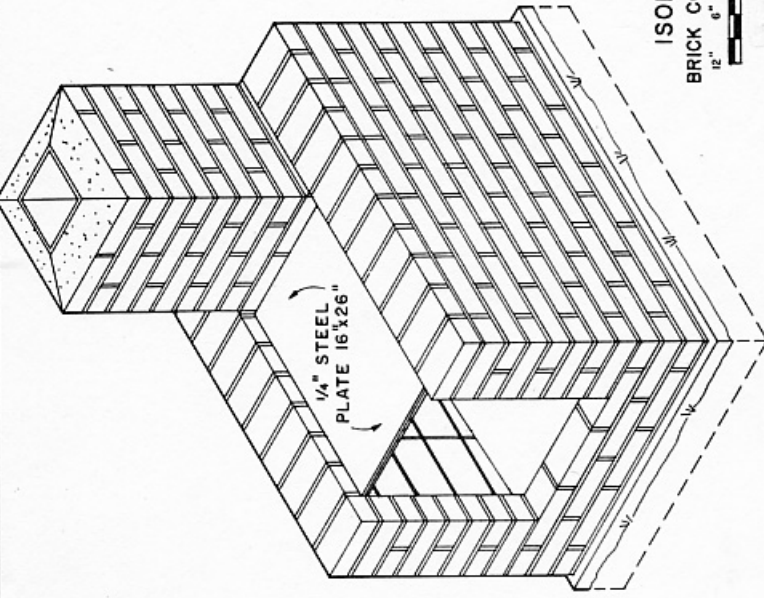


- BILL OF MATERIALS**
- 325 BRICK CONSTRUCTION
 - 44 BRICK (COMMON OR FACE)
 - 1 FIREBRICK
 - 1 FLUE LINING 8'x8"
 - 9 RODS 3/8" ϕ x 23"
 - 1 STEEL PLATE 3/16" x 3'x14"
 - 1 STEEL PLATE 3/8" x 2'x14"
 - 1 STEEL PLATE 1/4" x 16'x26"
 - 9 PCS. OF 1/2" PIPE 3' LG.
 - MORTAR:
 - 2 96 LB. SACKS PORTLAND CEMENT
 - 200 LB. HYDRATED LIME
 - 800 LB. MASON SAND
 - CONCRETE BASE:
 - 2 96 LB. SACKS PORTLAND CEMENT
 - 400 LB. SAND
 - 500 LB. GRAVEL OR STONE



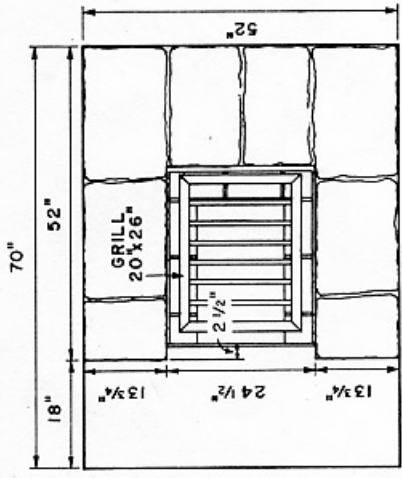
ISOMETRIC
FLAT STONE CONSTRUCTION

12" 6" 0 1'

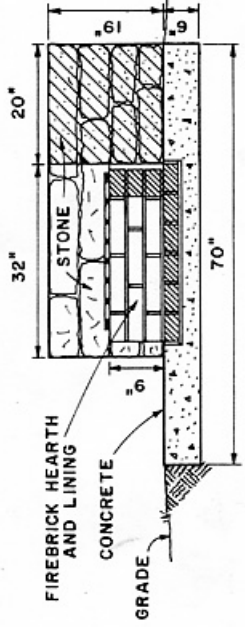


ISOMETRIC
BRICK CONSTRUCTION

12" 6" 0 1'



PLAN



SECTION

- BILL OF MATERIALS**
- 37 FIREBRICK (9'x4 1/2'x2 1/2')
 - 20 CU. FT. FLAT STONE
 - 2 CU. FT. MORTAR (1:3 MIX)
 - 1 GRILL 20'x26'x 3/4"
 - MADE FROM 3/4'x1 1/2' SQ. STEEL FRAME & 3/4' SQ. BARS COMPLETELY WELDED
 - FOUNDATION: 1:2 1/4:3 MIX CEMENT-3 SACKS SAND-7 CU. FT. GRAVEL-11 1/4 CU. FT.

12" 6" 0 1'