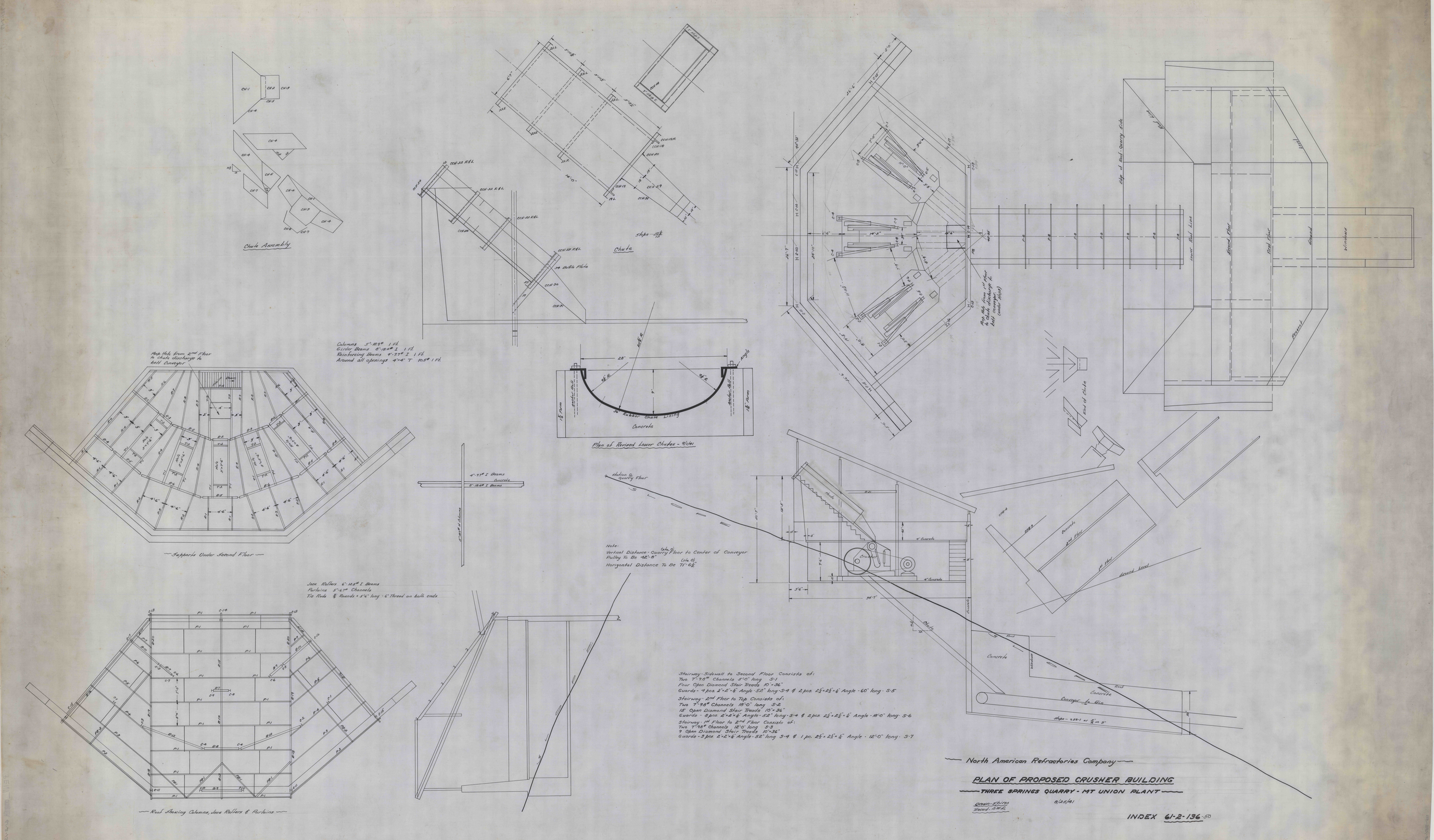
Chute Assembly
Chute
Columns 5"-18.9# 1 Ft.
Girder Beams 8"-18.4# I 1 Ft.
Reinforcing Beams 4"-7.7# I 1 Ft.
Around all openings 4"×4" T 10.5# 1 Ft.
Plan of Revised Lower Chutes - 9/1/41
Supports Under Second Floor
Note:
Vertical Distance - Quarry Floor (sta. 0) to Center of Conveyor Pulley To Be 42'-8"
Horizontal Distance To Be 71'-6½" (sta. 0)
Jack Rafters 6"-12.5# I Beams
Purlains 5"-6.7# Channels
Tie Rods ¾" Rounds × 5'-6" long - 6" Thread on both ends
Roof Showing Columns, Jack Rafters & Purlains
Stairway - Sidewall to Second Floor Consists of:
Two 7"-9.8# Channels 5'-0" long S-1
Four Open Diamond Stair Treads 10"×36"
Guards - 4 pcs. 2"×2"×¼" Angle - 52" long - S-4 & 2 pcs. 2½"×2½"×¼" Angle - 60" long - S-5
Stairway - 2nd Floor to Top Consists of:
Two 7"-9.8# Channels 18'-0" long S-2
15 Open Diamond Stair Treads 10"×36"
Guards - 8 pcs. 2"×2"×¼" Angle - 52" long - S-4 & 2 pcs. 2½"×2½"×¼" Angle - 18'-0" long - S-6
Stairway - 1st Floor to 2nd Floor Consists of:
Two 7"-9.8# Channels 12'-0" long S-3
9 Open Diamond Stair Treads 10"×36"
Guards - 3 pcs. 2"×2"×¼" Angle - 52" long S-4 & 1 pc. 2½"×2½"×¼" Angle - 12'-0" long - S-7
North American Refractories Company
PLAN OF PROPOSED CRUSHER BUILDING
THREE SPRINGS QUARRY - MT UNION PLANT
Drawn - Spires
Traced - D.M.D.
8/25/41
INDEX 61-2-136-50