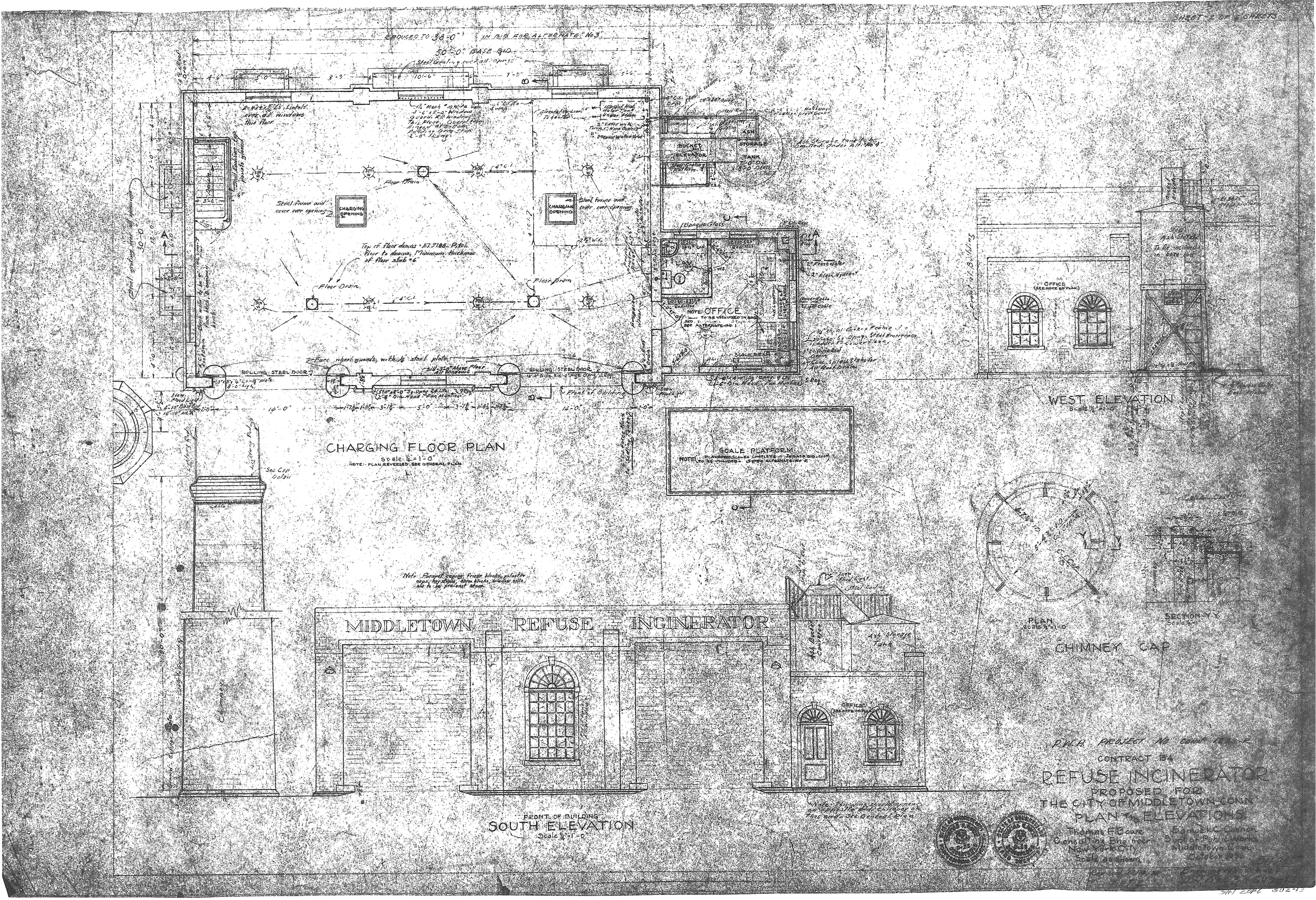


SHEET 2 OF 6 SHEETS
REDUCED TO 38'-0" IN BID FOR ALTERNATE No 3
50'-0" BASE BID
CHARGING FLOOR PLAN
Scale 1/4"=1'-0"
NOTE: PLAN REVERSED SEE GENERAL PLAN
CHARGING OPENING
Floor Drain
ROLLING STEEL DOOR
Front of Building
BUCKET ELEVATOR
ASH STORAGE TANK
OFFICE
SCALE PLATFORM
WEST ELEVATION
Scale 1/4"=1'-0"
MIDDLETOWN REFUSE INCINERATOR
FRONT OF BUILDING
SOUTH ELEVATION
Scale 1/4"=1'-0"
PLAN
Scale 1/2"=1'-0"
SECTION Y-Y
CHIMNEY CAP
P.W.A. PROJECT No. CONN 1233-R
CONTRACT 134
REFUSE INCINERATOR
PROPOSED FOR
THE CITY OF MIDDLETOWN, CONN
PLAN & ELEVATIONS
Thomas F. Bowe
Consulting Engineer
New York City
Scale as shown
Samuel C. Cannon
Supt. of Public Works
Middletown, Conn.
October 1936

SHEET 3 OF 6 SHEETS
REDUCED TO 38'-0" IN BID FOR ALTERNATE "No 3"
50'-0" BASE BID
All Sash Hinged & Basement Lights
Landing
Steel Stairs
Sump Pumps
Bucket Elevator
Ash Drag Conveyor
Floor Drain
FUTURE INCINERATOR UNIT
PREHEATER
COMBUSTION CHAMBER
INCINERATOR
FURNACE + TOOL ROOM
NOTE: TO BE INCLUDED IN BASE BID + ALTERNATE No 1
OIL FURNACE
Concrete Brackets
12'-0" Square
10'-0" Octagonal
20'-9" Alternate "A" Bid
8'-9" Base Bid
BRICK IN FLUE OPNG
BREECHING
Front of Building
SCALE PIT
INCINERATOR PLAN
NOTE: PLAN REVERSED - SEE GENERAL PLAN
C.I. Cap
Charging Floor
SECTION - F.F.
SHOWING BREECHING - FLUE + CHIMNEY
Construction Joint
El 38.0
SECTION - E.F.
SHOWING CONCRETE CONSTRUCTION
El 38.0'
INCINERATOR UNIT
SECTION - D.D.
P.W.A. PROJECT No Conn 1233-R
CONTRACT 13.4
REFUSE INCINERATOR
PROPOSED FOR
THE CITY OF MIDDLETOWN, CONN.
SECTIONS & PLAN
Thomas F. Bowe
Consulting Engineer
New York City
Scale 1/4" = 1'-0"
Samuel C. Cannon
Supt. of Public Works
Middletown, Conn.
October 1934

REDUCED TO 38'-0" IN BID FOR ALTERNATE No 3

50'-0" BASE BID

Frame for Ash Storage Tank Support
Elev. top beams +47.05

Reinforcement notes: Unless otherwise noted all bent bars are to be bent at the 6th point of the clear span.
All bars are to be hooked at walls.
All hooks are to be 180° with inside radius equal to 4 times the diameter of the bar.
Dowels are to be provided for all vertical wall reinforcement and are to have 6" embedment with hook in lower end and are to lap 40 diameters with wall bars.
Splices shall occur only at supports. Bars shall lap 40 diameters at splices.
Bars bent up and over supports are to extend 40 diameters beyond center of support into adjacent span.
Where construction joints occur between abutting vertical walls ¾" dowels 3'-6" long with hooked ends shall be provided at 8' o.c.

Steel reinforcing bars
5" lb. oz. copper flashing
Keyway in center of wall
Note: Keyway in 16" and 20" walls to be 3"x9"
Keyway in all other walls to be 3"x5"

Column Detail
Scale: ¾"=1'-0"

Const. Joints

Front of Building

CHARGING FLOOR
TOP OF ALL BEAMS EL. 37.67 UNLESS OTHERWISE NOTED
ALL BEAMS - 8" BEARING ON WALLS
NOTE: PLAN REVERSED-SEE GENERAL PLAN
STRUCTURAL FEATURES DO NOT CHANGE

REDUCED TO 38'-0" IN BID FOR ALTERNATE No 3

50'-0" BASE BID

Note: All structural steel connections to be riveted and designed and fabricated in accordance with the standards of the American Institute of Steel Construction.

OFFICE & LAV.
(SEE NOTE ON PLAN SHEET No. 2)

Const. Joint at Slab

DETAIL OF CONSTRUCTION JOINTS
Scale: 3"=1'0"

SECTION J-J

ROOF PLAN
NOTE: PLAN REVERSED - SEE GENERAL PLAN
STRUCTURAL FEATURES DO NOT CHANGE

P.W.A. PROJECT No. Conn. 1253-F

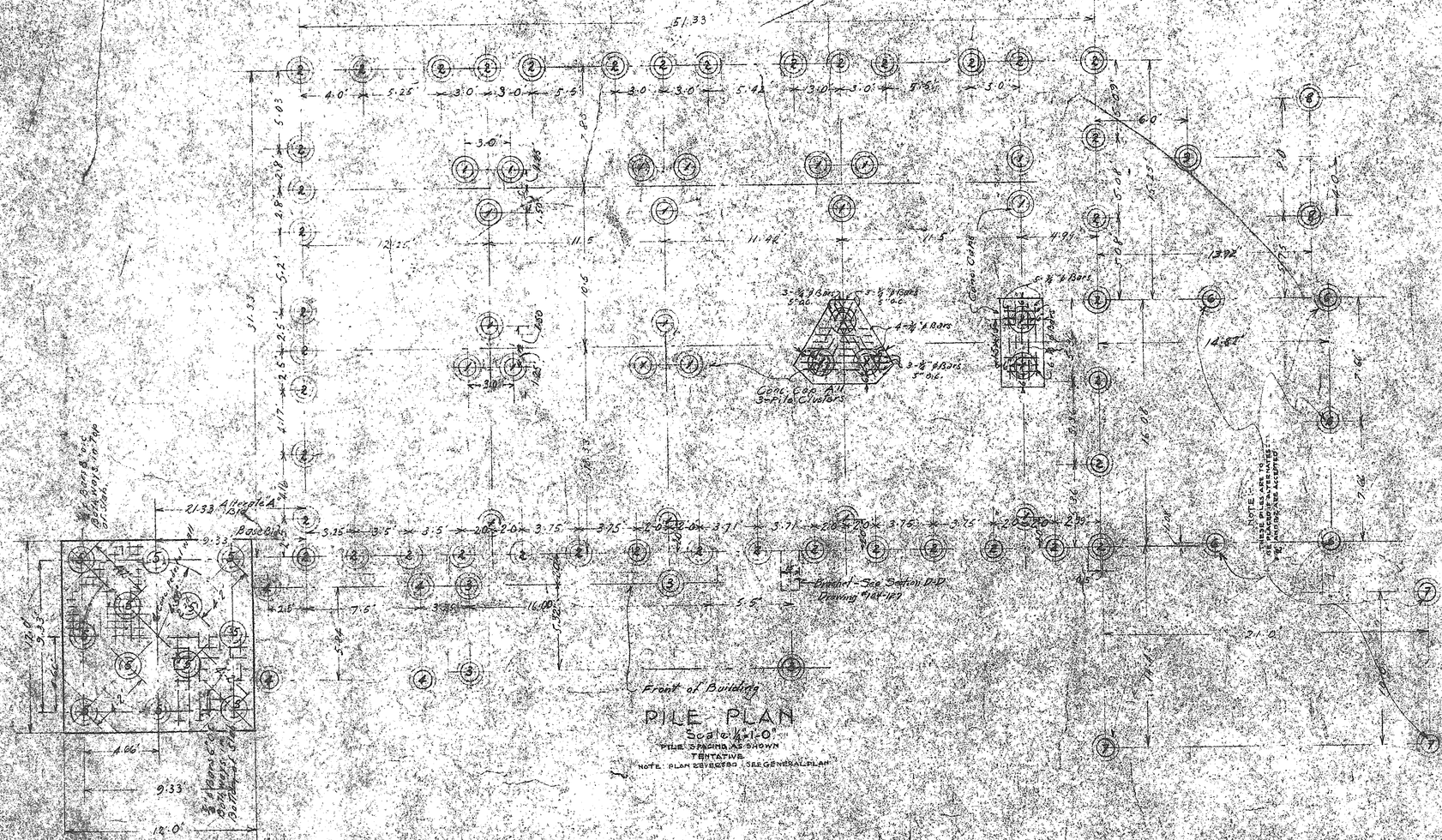
CONTRACT B-4

REFUSE INCINERATOR
PROPOSED FOR
THE CITY OF MIDDLETOWN, CONN.
STEEL FRAMEWORK

Thomas F. Bowe — Consulting Engineer, New York City
Samuel C. Conklin — Supt. of Public Works, Middletown, Conn.
Scale: ¼"=1'-0" — October 1936

SHT 5 OF 6

SU 2-13



NOTE
THE NUMBER OF PILES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY. THE NUMBER OF PILES ACCEPTED WILL BE DETERMINED BY THE ENGINEER.

Elevation of Pile Heads	
No. 1 Piles	18.50
" 2 "	19.00
" 3 "	16.67
" 4 "	19.67
" 5 "	18.50
" 6 "	22.00
" 7 "	18.00
" 8 "	18.00
" 9 "	16.50

P.W.A. PROJECT NO. CONN. 1282-F

CONTRACT B-4

REFUSE INCINERATOR

PROPOSED FOR

THE CITY OF MIDDLETOWN, CONN.

PLAN of CONCRETE PILES

Thomas F. Reale, Consulting Engineer, New York City

Samuel C. Cavanagh, Supt. of Public Works, Middletown, Conn.

Scale as shown — October 1940

Drawing No. 984-126

SHT 6 OF 6 SHEETS