Spillway & Sluice Gate

North

Concrete Apron

Concrete Apron

End water intake and Gate House

Inv. Elev. - Blow-off - 245.65

19" Cl. Blow-off Line

14" Cl. Raw Water Line

MH No. 1 Inv. El. 263.10± Top El. 272.00±

MH No. 2 Inv. El. 260.10± Top El. 270.00±

MH No. 3 Inv. El. 257.00± Top El. 270.00±

MH No. 4 Inv. El. 260.50± Top El. 270.00±

MH No. 5 Inv. El. 260.50± Top El. 270.00±

MH No. 6 Inv. El. 260.50± Top El. 270.00±

Existing Headwall Inv. El. 241.31

New Cone Headwall

New 18" R.C.P. (Incl. in Cont.)

New Top of Pipe Existing 18"

Existing 6" Blow-off

New 18" V.C.P.

Existing 24" V.C.P.

CREEK

New 18" V.C. @ 0.30%

New 18" V.C. Extend approx. 200' to creek ele. 239.00 at 0.40%. Add one manhole (No. 9) and conc. headwall at end.

4" Cl. Gravel Base with Surface Treatment

Existing 18" R.C.P.

Existing 24" R.C.P.

Existing 18" R.C.P.

Existing 24" R.C.P.

Existing 18" R.C.P.

Existing 24" R.C.P.

PUMP ROOM (Existing)

Generator Room

Operating Room

Laboratory

Office

Toilet

Garage

Filters No. 1 (New) No. 2 (New) No. 3 (New) No. 4 (New) No. 5 (New)

Plug

New 16" Cl.

See Sheet No. 5 of Plans

Ramp

16" C.I.P. valve in Control

Chemical Room

CLEARWATER RESERVOIR Capacity 288,000 Gal. Overflow Elev. 268.25 Bottom Elev. 258.25

Contract ends here

Existing Driveway

4" Cl. Gravel Base with Surface Treatment

WASH WATER TANK

SEE CW&E-56 FOR FURTHER REVISIONS TO SHT 4, 2, 13

Top Elev. 270.25

Ground Level Minimum Width

CLEARWELL

3/4" rod pipe support hung from beam in existing Reservoir at most practicable point

10" Cl.

16" C.I.P. (New)

Elev. 264.25

DETAIL OF CLEARWELL INFLUENT

Scale: 3/8" = 1'-0"

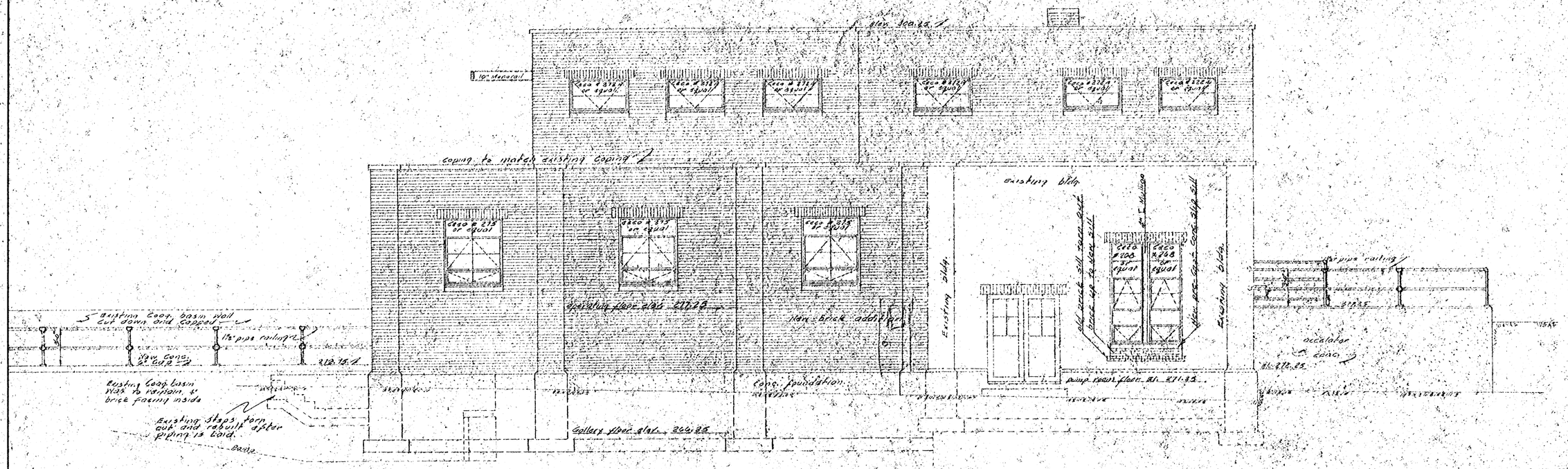
REV.	DATE	DESCRIPTION	BY
1	5-1-55	General Revision Influent Det.	J.

CITY OF SANFORD
NORTH CAROLINA
WATER FILTRATION PLANT
GENERAL LAYOUT PLAN

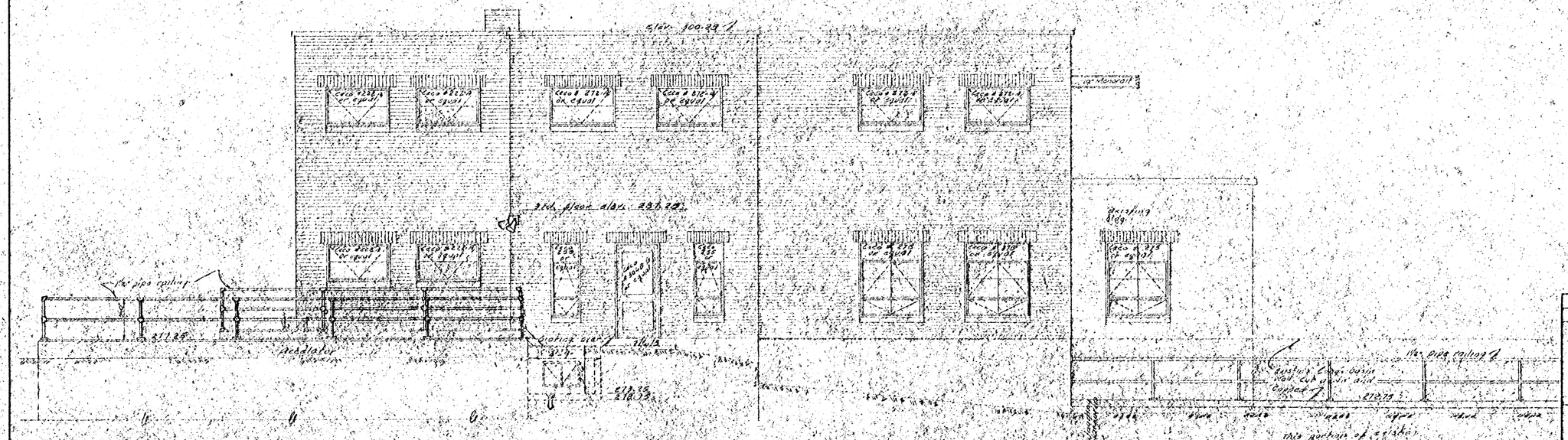
WM. F. FREEMAN, INCORPORATED
ENGINEERS AND ARCHITECTS
HIGH POINT, NORTH CAROLINA

W-4

SCALE 1" = 20'	DESIGNED W.F.S.	SHEET NO. 1
JOB NO. B-607	DRAWN W.F.S.	
APPROVED W.F.F.	CHECKED W.F.	
	DATE 2/4/55	OF 21



NORTH ELEVATION
Scale 1/4" = 1'-0"



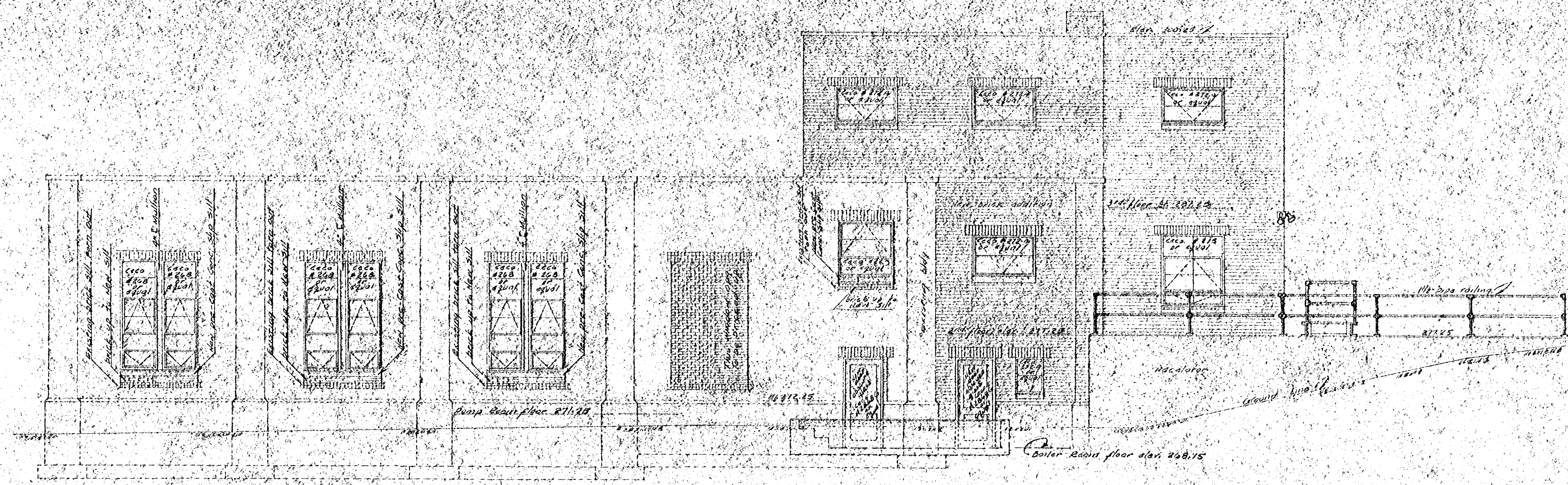
SOUTH ELEVATION
Scale 1/4" = 1'-0"

REV.	DATE	DESCRIPTION	BY
1	3/4/55	General Revision	J.

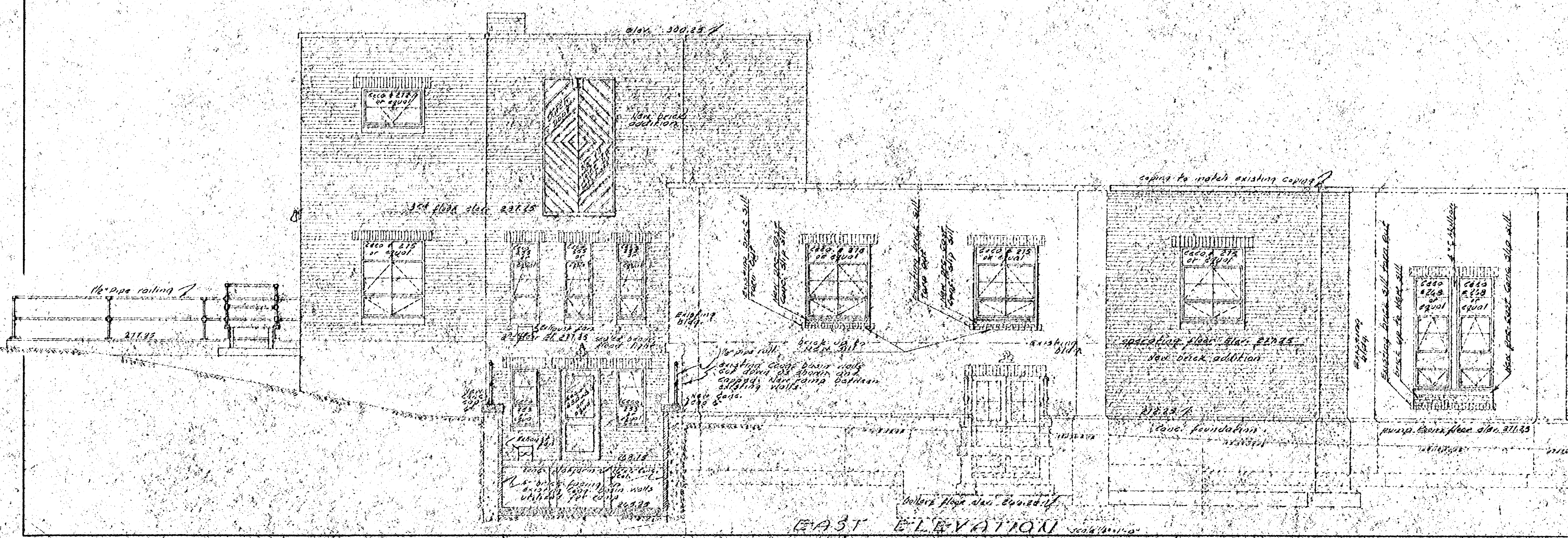
CITY OF SANFORD
NORTH CAROLINA
WATER FILTRATION PLANT
ELEVATIONS

WM. F. FREEMAN, INCORPORATED
ENGINEERS AND ARCHITECTS
HIGH POINT, NORTH CAROLINA

SCALE | DESIGNED | SHEET
CHECKED
APPROVED | DATE



WEST ELEVATION
scale 1/4"=1'-0"



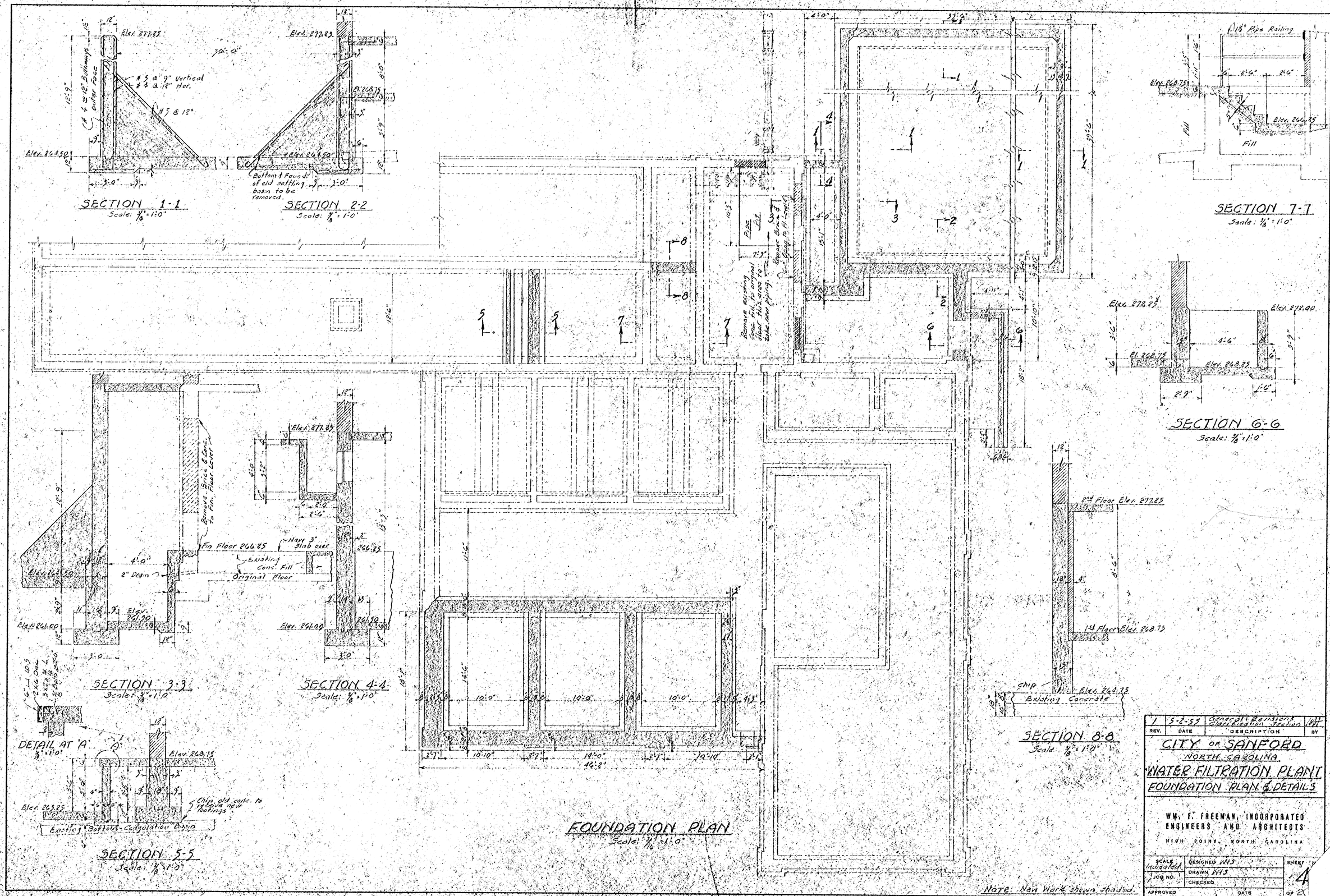
EAST ELEVATION scale 1/4"=1'-0"

REV.	DATE	DESCRIPTION
1	5/4/55	General Revision

CITY OF SANFOR[D]
NORTH CAROLINA
WATER FILTRATION PLA[NT]
ELEVATIONS

WM. F. FREEMAN, INCORPORATED
ENGINEERS AND ARCHITECTS
HIGH POINT, NORTH CAROLINA

SCALE: Indicated	DESIGNED: W.H.S.	SHEET
JOB NO. 8-601	DRAWN: J. 3-3-55	
	CHECKED: R.A.	
APPROVED	DATE	OF 2[?]


SECTION 1-1
Scale: 3/8" = 1'-0"
SECTION 2-2
Scale: 3/8" = 1'-0"
SECTION 3-3
Scale: 3/8" = 1'-0"
SECTION 4-4
Scale: 3/8" = 1'-0"
SECTION 5-5
Scale: 3/8" = 1'-0"
DETAIL AT 'A'
SECTION 6-6
Scale: 3/8" = 1'-0"
SECTION 7-7
Scale: 3/8" = 1'-0"
SECTION 8-8
Scale: 3/8" = 1'-0"
FOUNDATION PLAN
Scale: 3/16" = 1'-0"
Note: New Work shown shaded.
1 | 5-2-55 | General Revisions Clarification Section
REV. | DATE | DESCRIPTION | BY
CITY OF SANFORD
NORTH CAROLINA
WATER FILTRATION PLANT
FOUNDATION PLAN & DETAILS
WM. F. FREEMAN, INCORPORATED
ENGINEERS AND ARCHITECTS
HIGH POINT, NORTH CAROLINA
SCALE Indicated
DESIGNED WHS
DRAWN WHS
CHECKED
JOB NO.
APPROVED
DATE
SHEET 4 OF 8