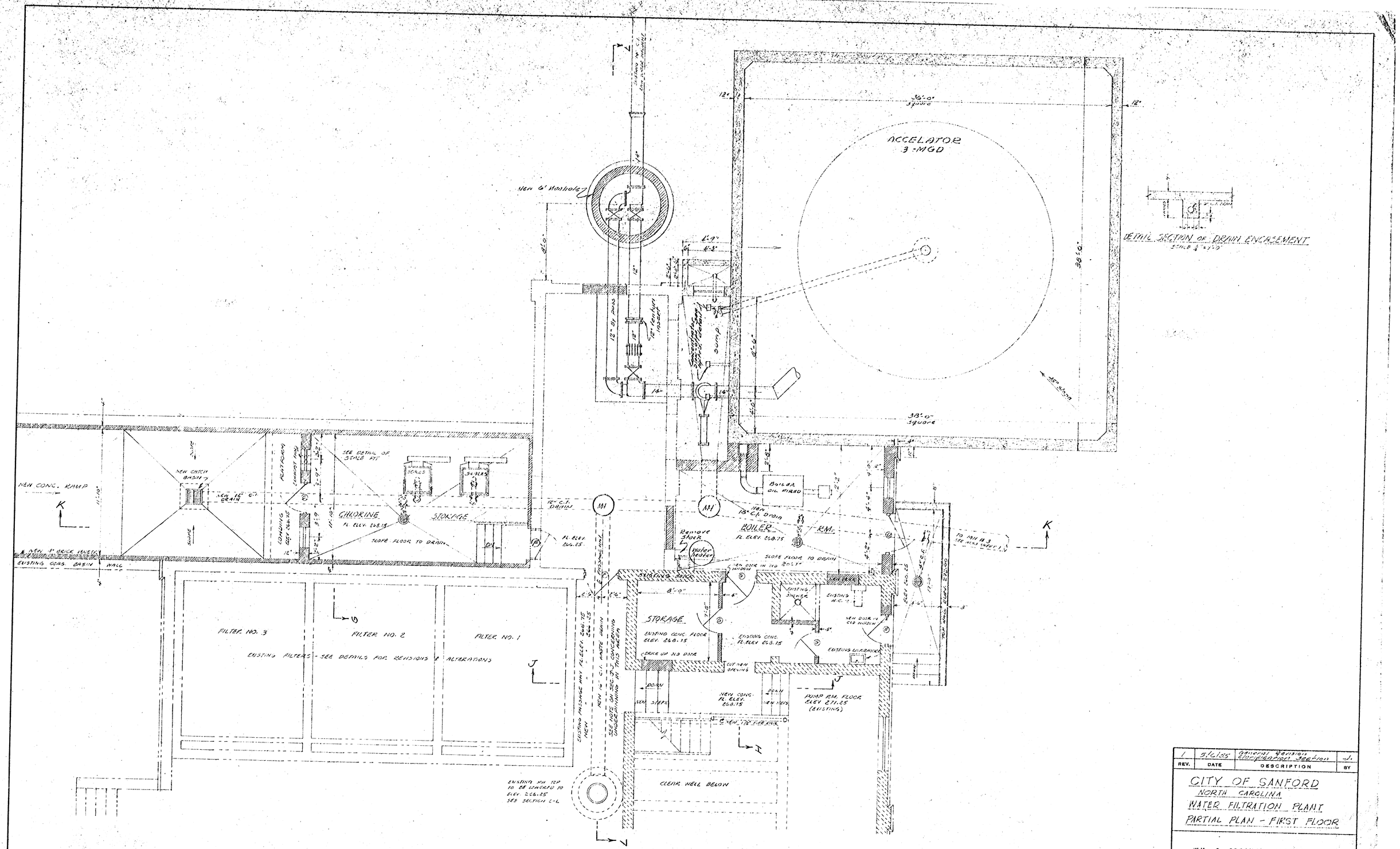


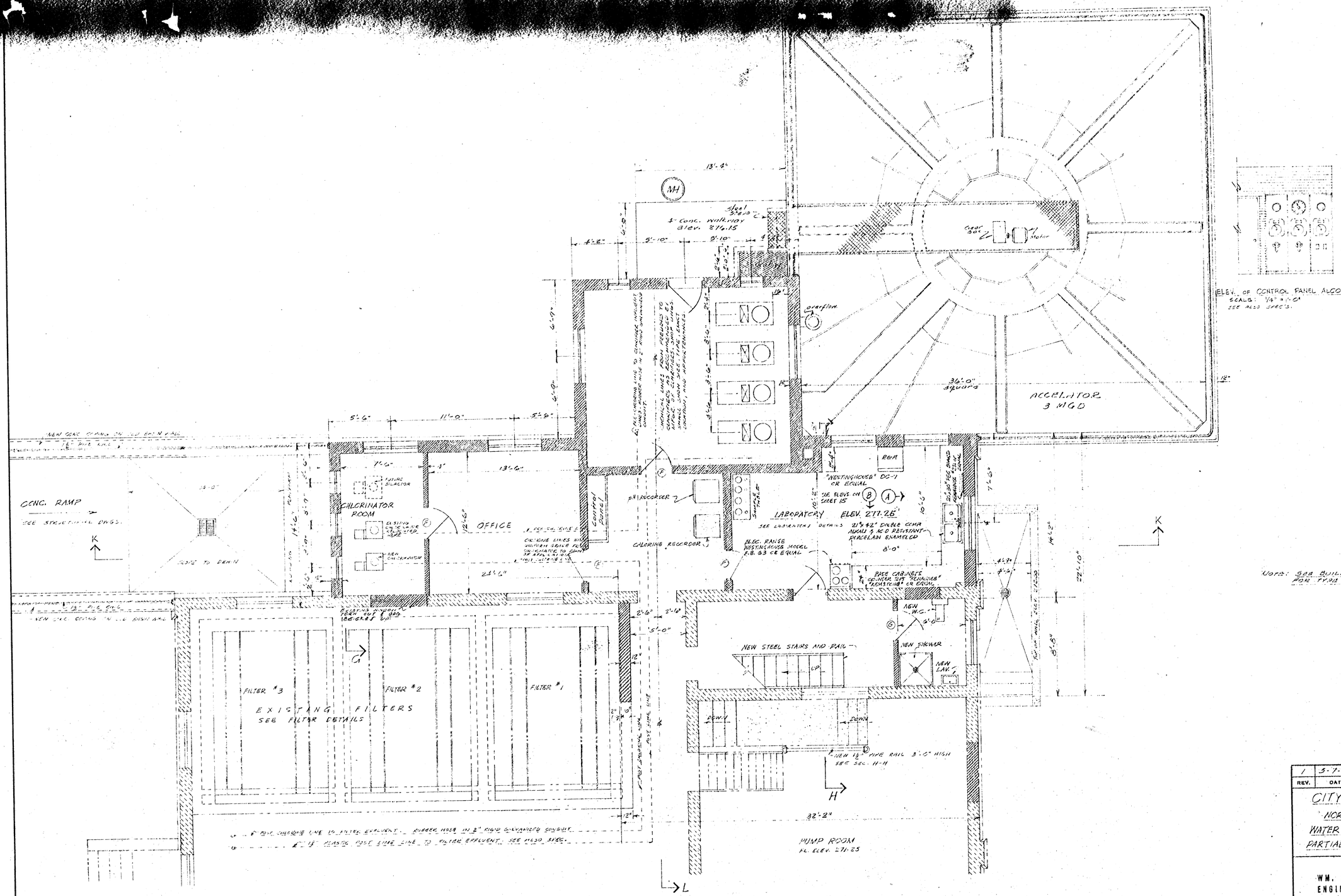
PARTIAL PLAN OF FIRST FLOOR
SCALE : 1/4" = 1'-0"

REV.	DATE	DESCRIPTION	BY
1	5/6/55	General Revision Corporation Section	J.

CITY OF SANFORD
NORTH CAROLINA
WATER FILTRATION PLANT
PARTIAL PLAN - FIRST FLOOR

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

SCALE INDICATED	DESIGNED WFS	SHEET NO. 11
JOB NO. B-601	DRAWN JEW	
	CHECKED F	
APPROVED WF Freeman	DATE 3-1-55	OF 21



PARTIAL PLAN OF OPERATING FLOOR - (2ND FL. - ELEV. 277.25)
SCALE: 1/4" = 1'-0"

ELEV. OF CONTROL PANEL ALCOVE
SCALE: 1/4" = 1'-0"
SEE ALSO SPEC'S.

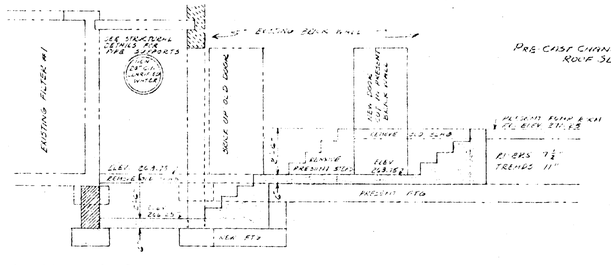
NOTE: SEE BUILDING ELEVATIONS FOR TYPE & MAKE OF WINDOWS

REV.	DATE	DESCRIPTION	BY
1	5-7-55	General Revision Clarification Section	J.

CITY OF SANFORD
NORTH CAROLINA
WATER FILTRATION PLANT
PARTIAL PLAN OF OPERATING FLOOR

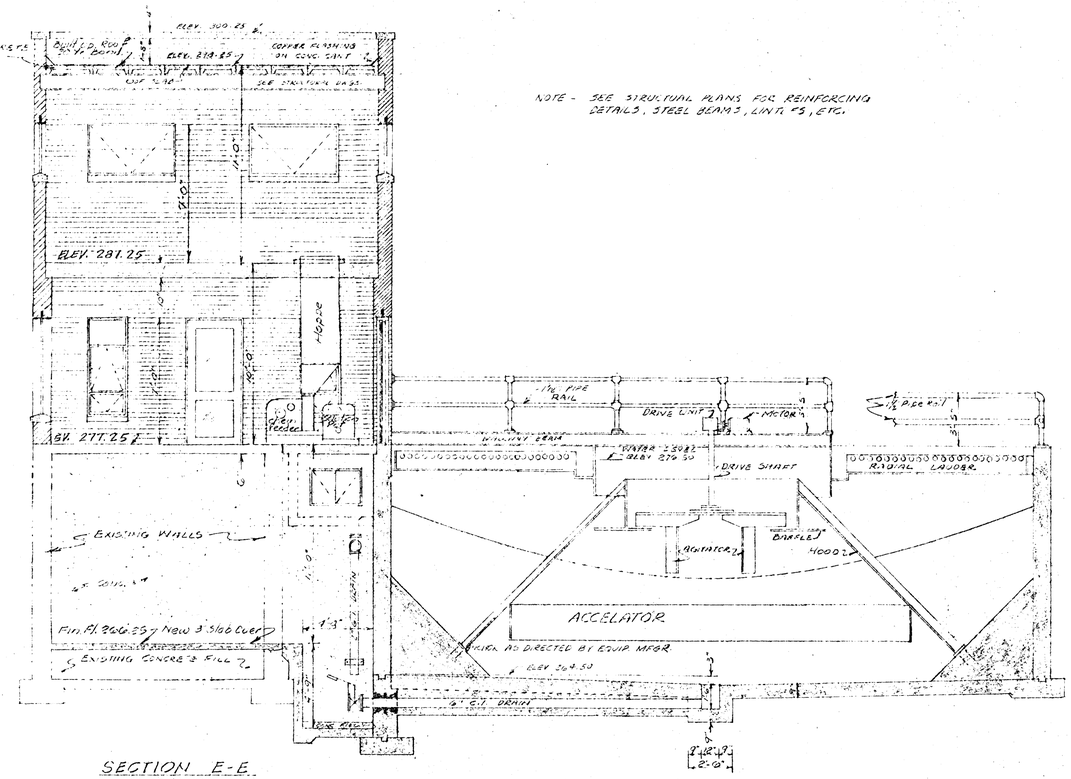
WM. F. FREEMAN, INCORPORATED
ENGINEERS AND ARCHITECTS
HIGH POINT, NORTH CAROLINA

SCALE 1/4" = 1'-0"	DESIGNED WFS	SHEET NO. 12
JOB NO. B607	DRAWN SFW	
	CHECKED F	
APPROVED WM F Freeman	DATE 1/4/55	OF 21



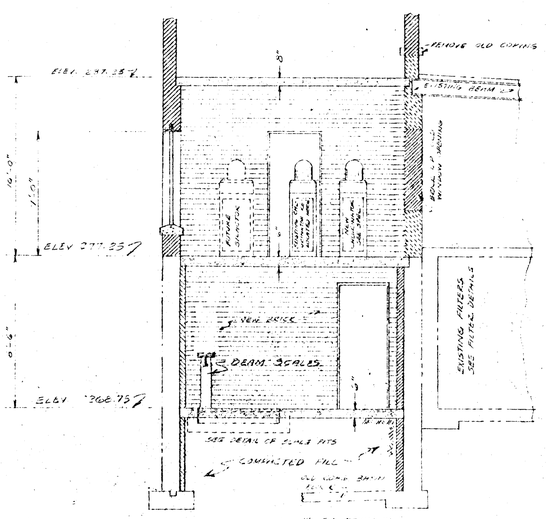
SECTION J-J
SCALE 1/4" = 1'-0"

NOTE - UNDERPINNING TO BE INSTALLED AS EXTRA WORK.

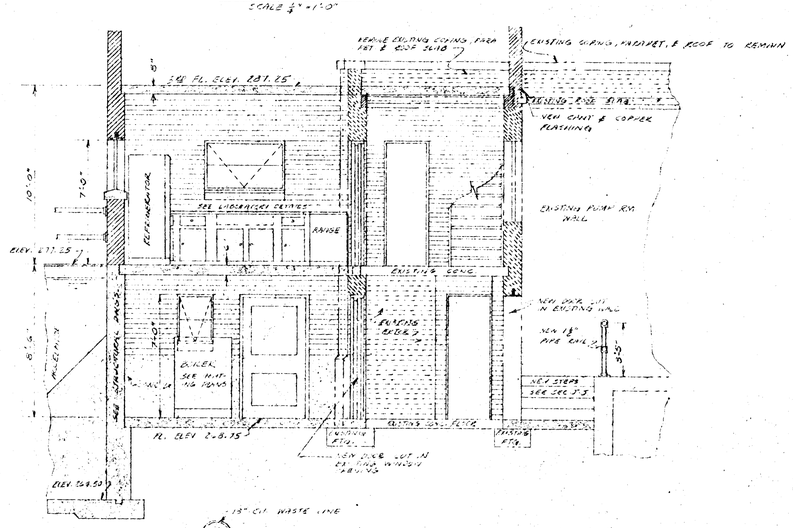


NOTE - SEE STRUCTURAL PLANS FOR REINFORCING DETAILS, STEEL BEAMS, LINTELS, ETC.

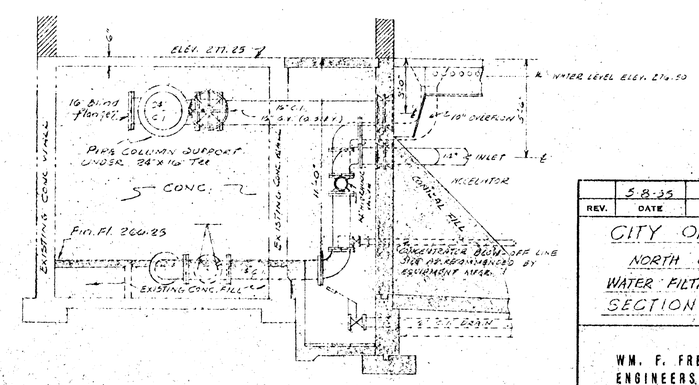
SECTION E-E
SCALE 1/4" = 1'-0"



SECTION G-G
SCALE 1/4" = 1'-0"



SECTION H-H
SCALE 1/4" = 1'-0"



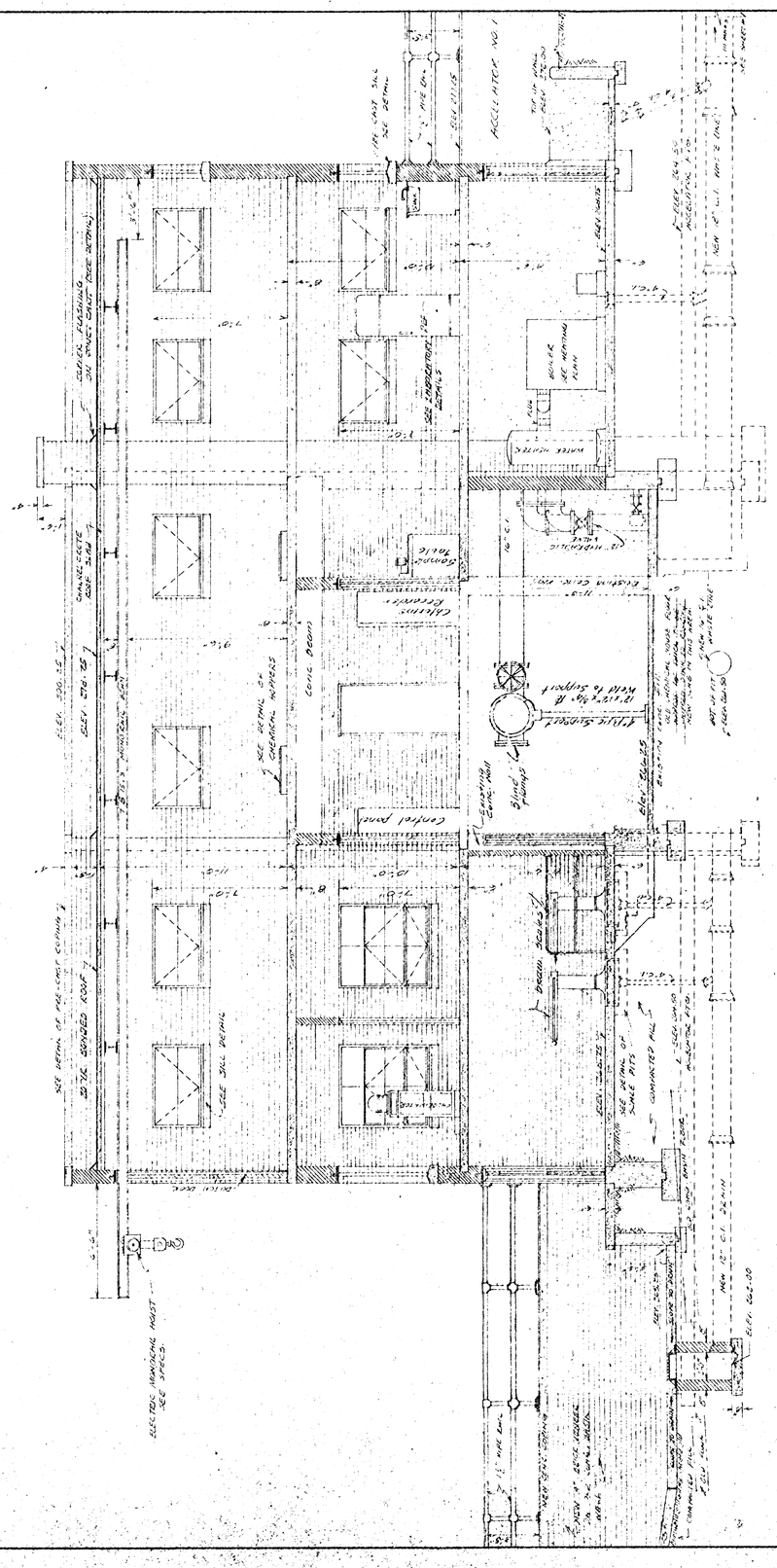
SECTION I-I
SCALE 1/4" = 1'-0"

REV.	DATE	DESCRIPTION	BY
	5-8-55		T

CITY OF SANFORD
NORTH CAROLINA
WATER FILTRATION PLANT
SECTIONS I-I THRU J-J

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

SCALE INDICATED	DESIGNED HLS	SHEET NO.
	DRAWN SAW	13
JOB NO. 18-601	CHECKED F	
APPROVED W. F. Freeman DATE 3-11-55		OF 21



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

CITY OF SANFORD

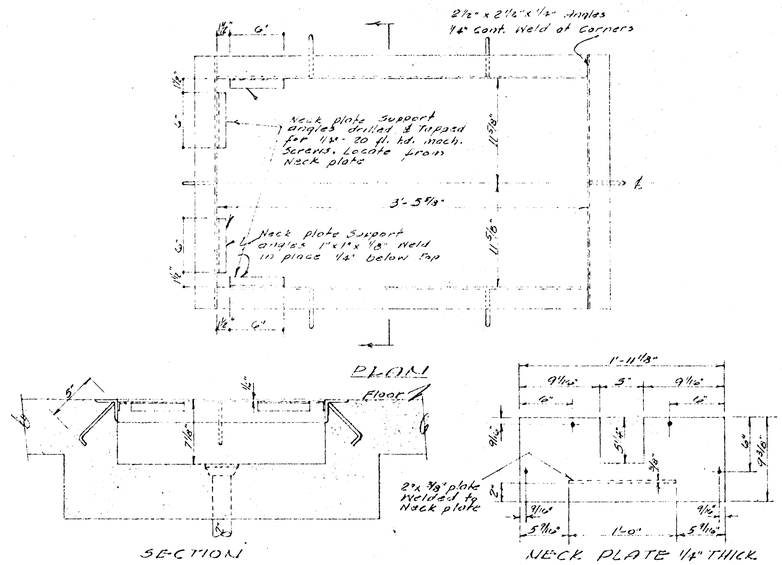
NORTH CAROLINA

WATER FILTRATION PLANT

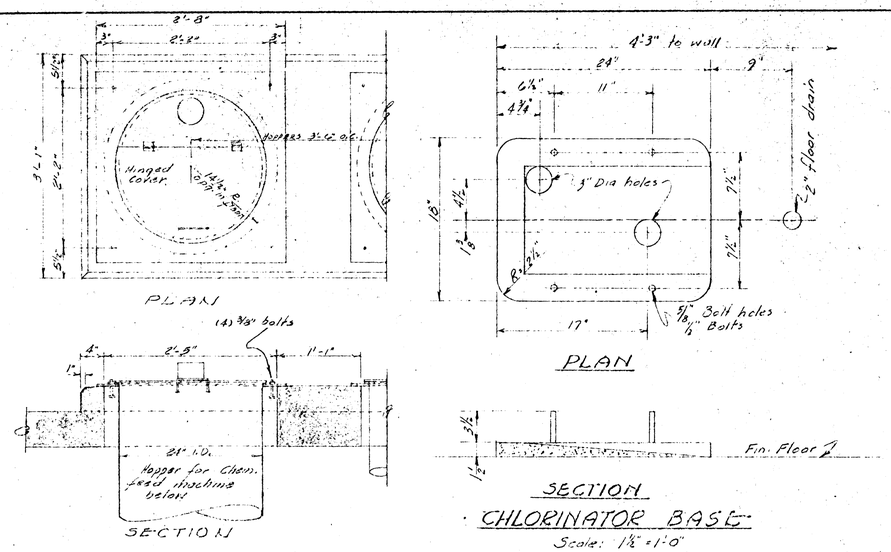
SECTIONS K-K & L-L

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

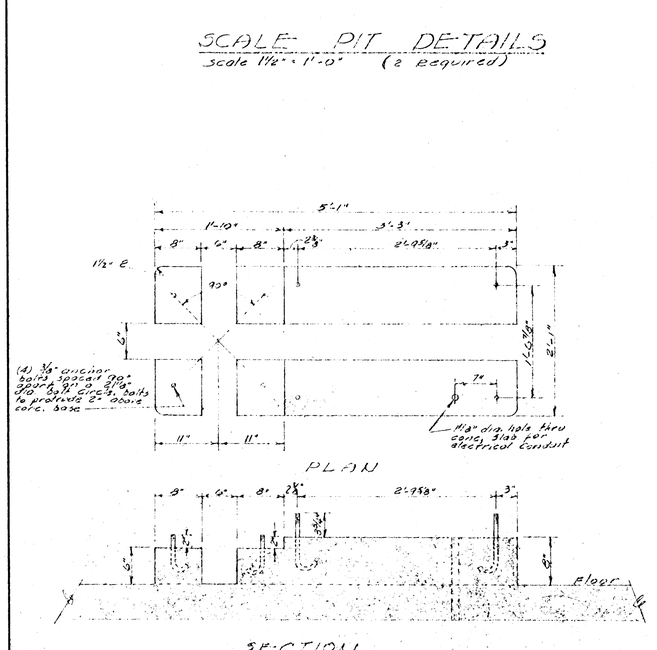
SCALE INDICATED	DESIGNED W.F.S.	SHEET NO.
JOB NO. R-607	DRAWN W.E.S.	14
	CHECKED F	
APPROVED Wm F. Freeman	DATE 3-14-55	OF 21



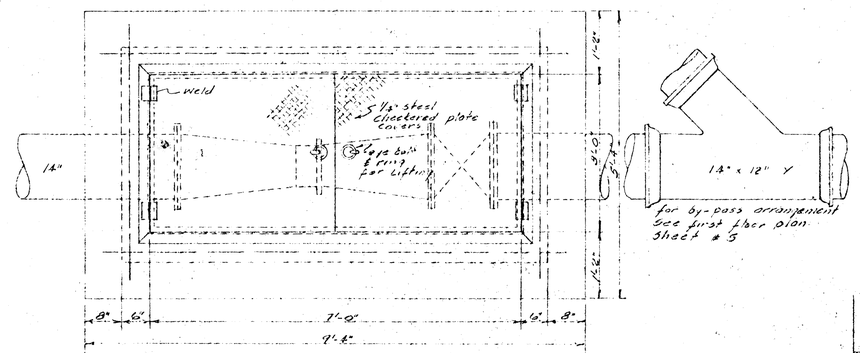
SCALE PIT DETAILS
Scale 1½" = 1'-0" (2 Required)

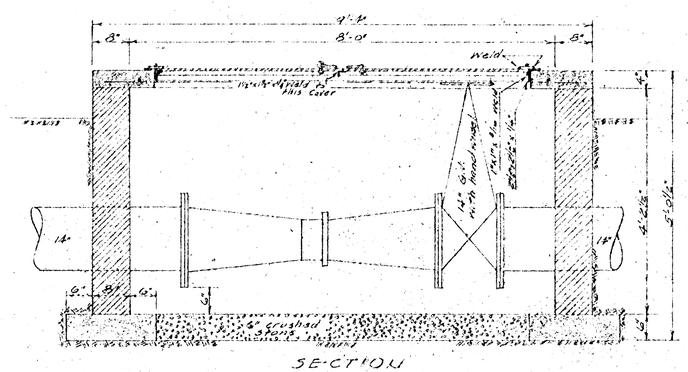


CHEMICAL HOPPER & CURB DETAIL
Scale 1" = 1'-0"

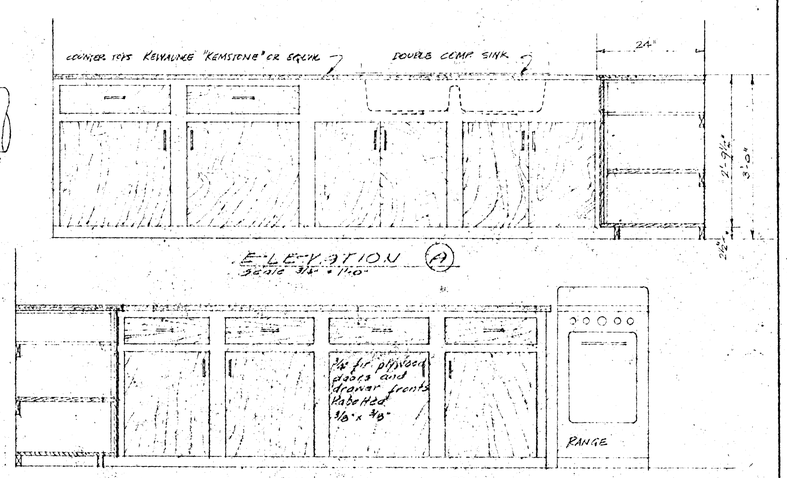


DRY CHEMICAL FEEDER BASE
Scale 1" = 1'-0"

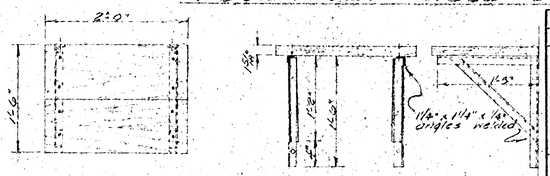




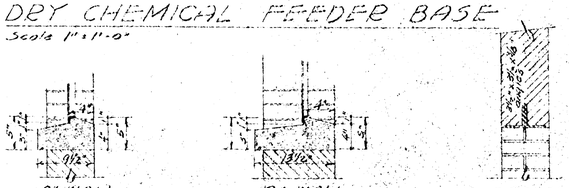
VENTURI PIT DETAIL
Scale ⅜" = 1'-0"



LABORATORY TABLE DETAILS



SHELF FOR HYPOCHLORINATOR
Scale 1" = 1'-0"



PRE-CAST WIN. SILL FOR 8" & 12" WALLS
Scale 1" = 1'-0"

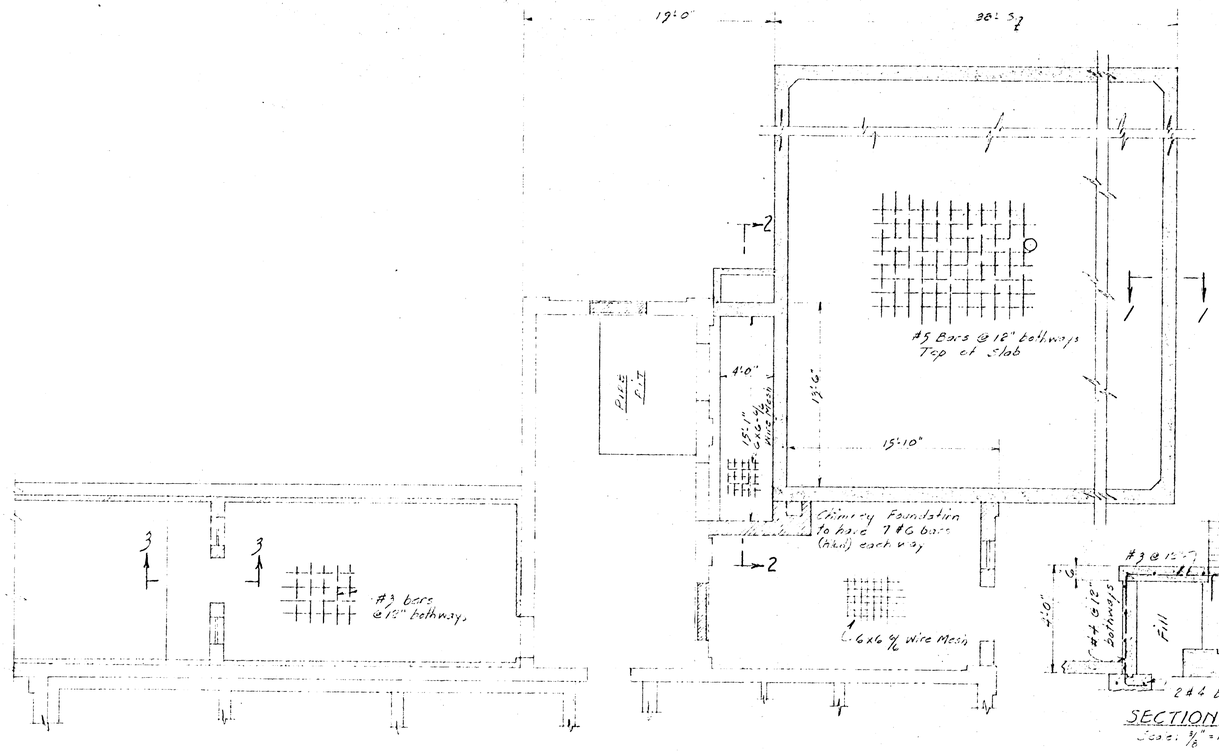
3RD FLOOR WIN. LINTELS
Scale 1" = 1'-0"

REV.	DATE	DESCRIPTION	BY
1	5-7-55	Scale Pit Hopper & Curb	J.

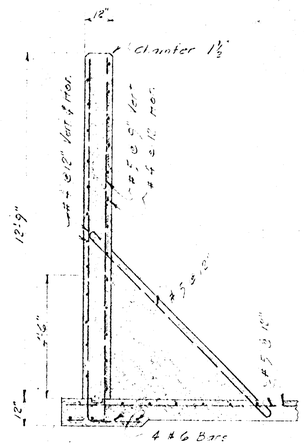
CITY OF SANFORD
NORTH CAROLINA
WATER FILTRATION PLANT
DETAILS

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

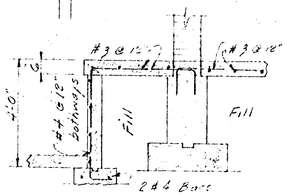
SCALE Indicated	DESIGNED	SHEET NO.
JOB NO.	DRAWN J. 3/14/55	15
	CHECKED	
APPROVED	DATE	OF 21



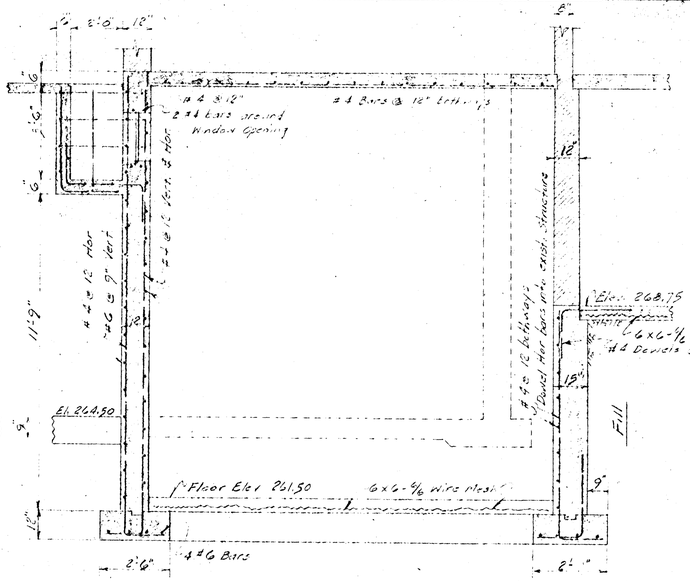
FIRST FLOOR PLAN
Scale: 3/16" = 1'-0"



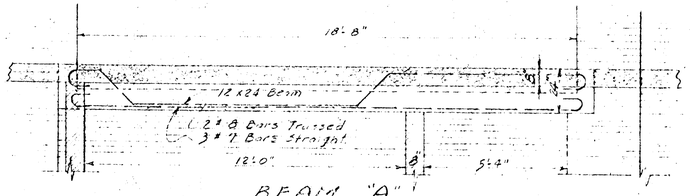
SECTION 1-1
Scale: 3/8" = 1'-0"



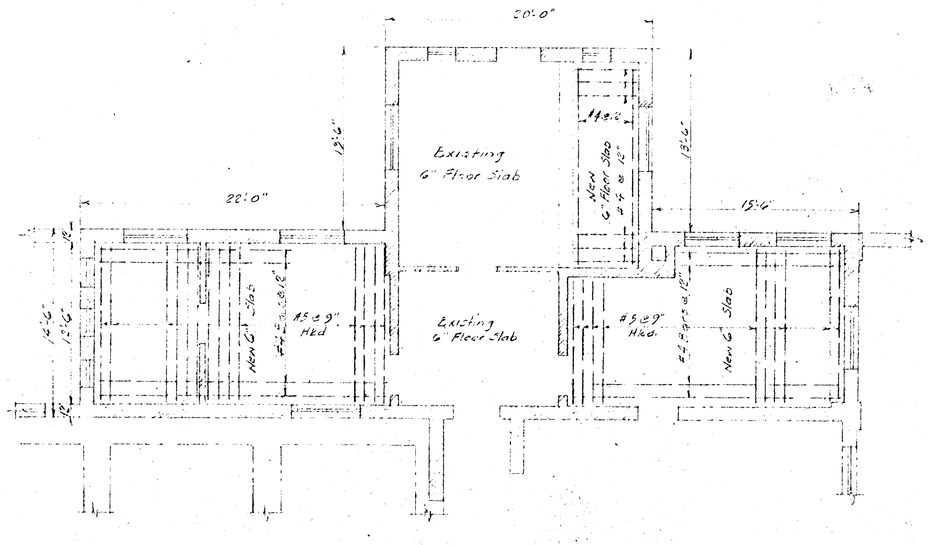
SECTION 3-3
Scale: 3/8" = 1'-0"



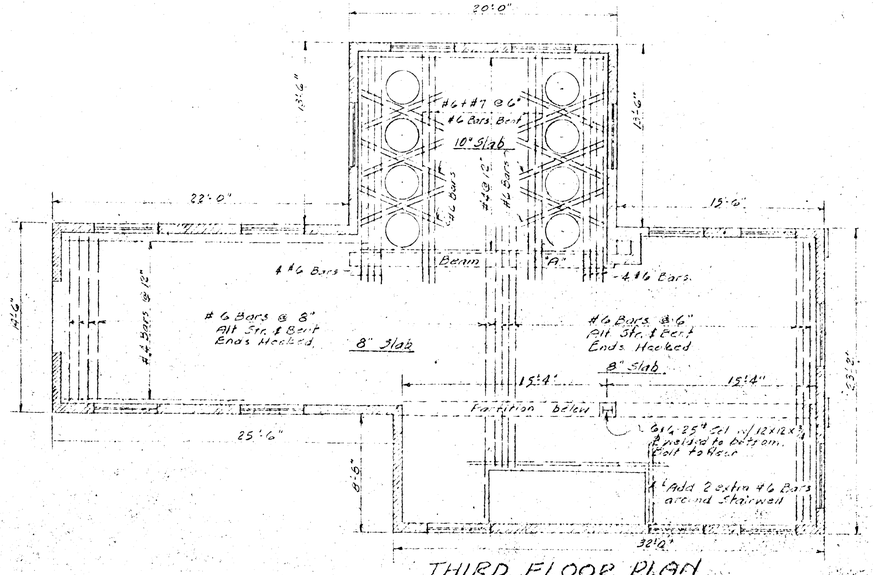
SECTION 2-2
Scale: 3/8" = 1'-0"



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



SECOND FLOOR PLAN
Scale: 3/16" = 1'-0"



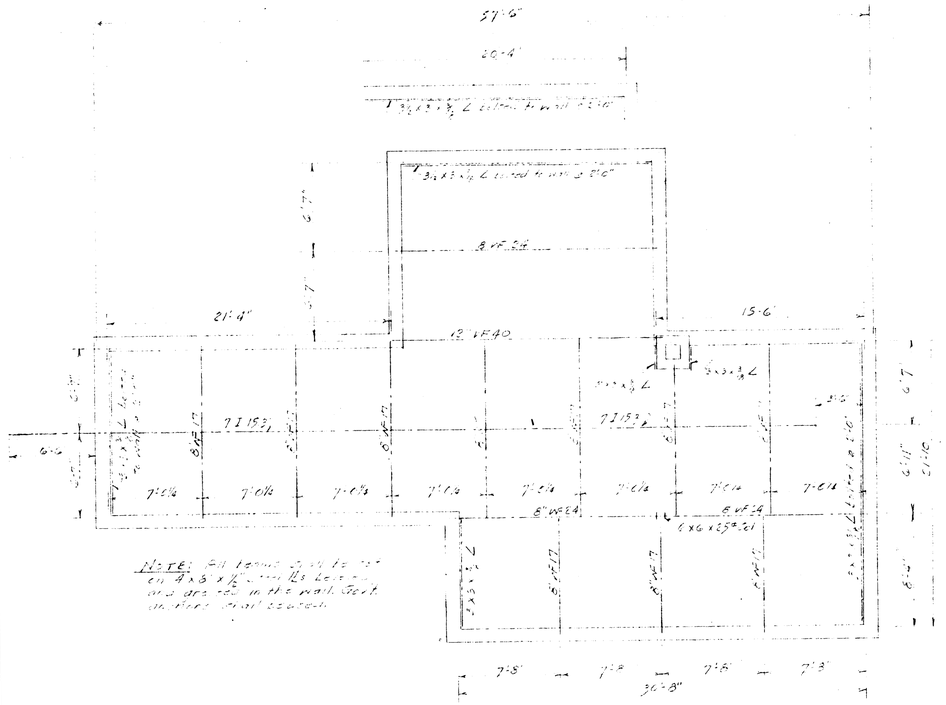
THIRD FLOOR PLAN

REV.	DATE	DESCRIPTION	BY
1	5-4-55	General Revisions	

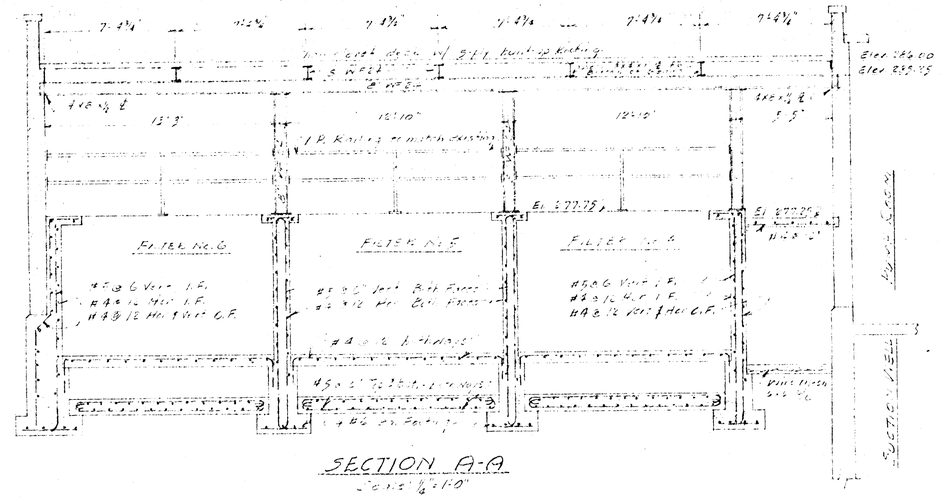
CITY OF SANFORD
NORTH CAROLINA
WATER FILTRATION PLANT
STRUCTURAL DETAILS

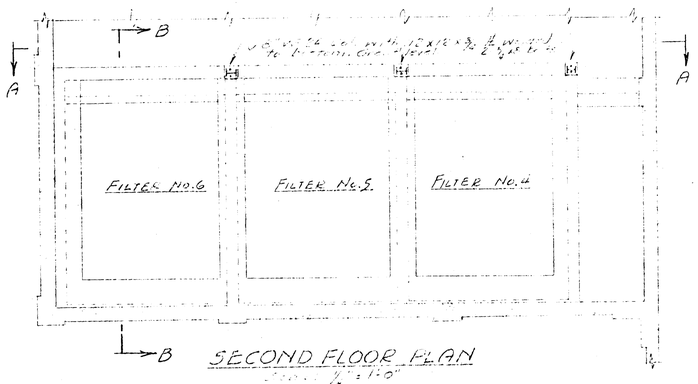
WM. F. FREEMAN, INCORPORATED
ENGINEERS AND ARCHITECTS
HIGH POINT, NORTH CAROLINA

SCALE Indicated	DESIGNED WHS	3/16/55	SHEET NO. 16
JOB NO. 8-601	DRAWN WHS	3/17/55	
	CHECKED WFF	3/18/55	
APPROVED	DATE		OF 21

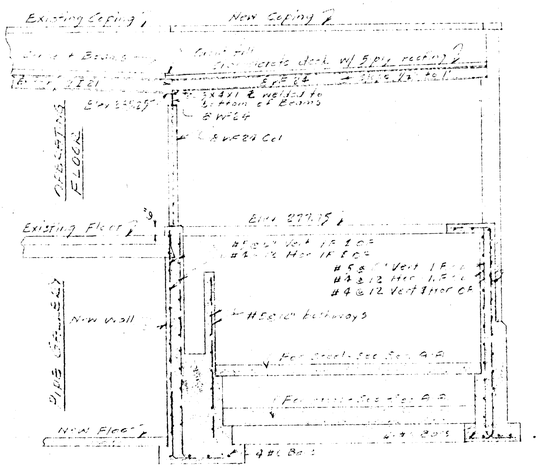


ROOF PLAN - THIRD FLOOR
Scale: 3/16" = 1'-0"

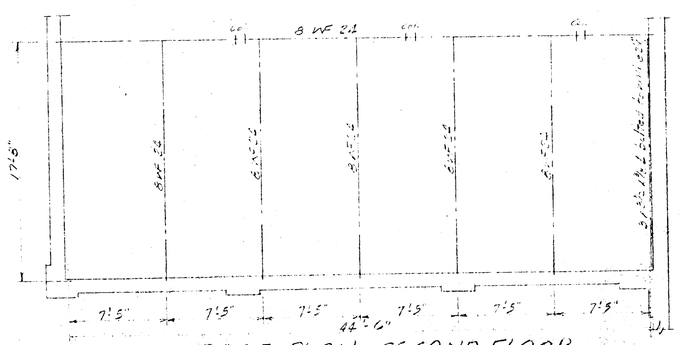




SECOND FLOOR PLAN
Scale: 1/4" = 1'-0"



SECTION B-B
Scale: 1/4" = 1'-0"



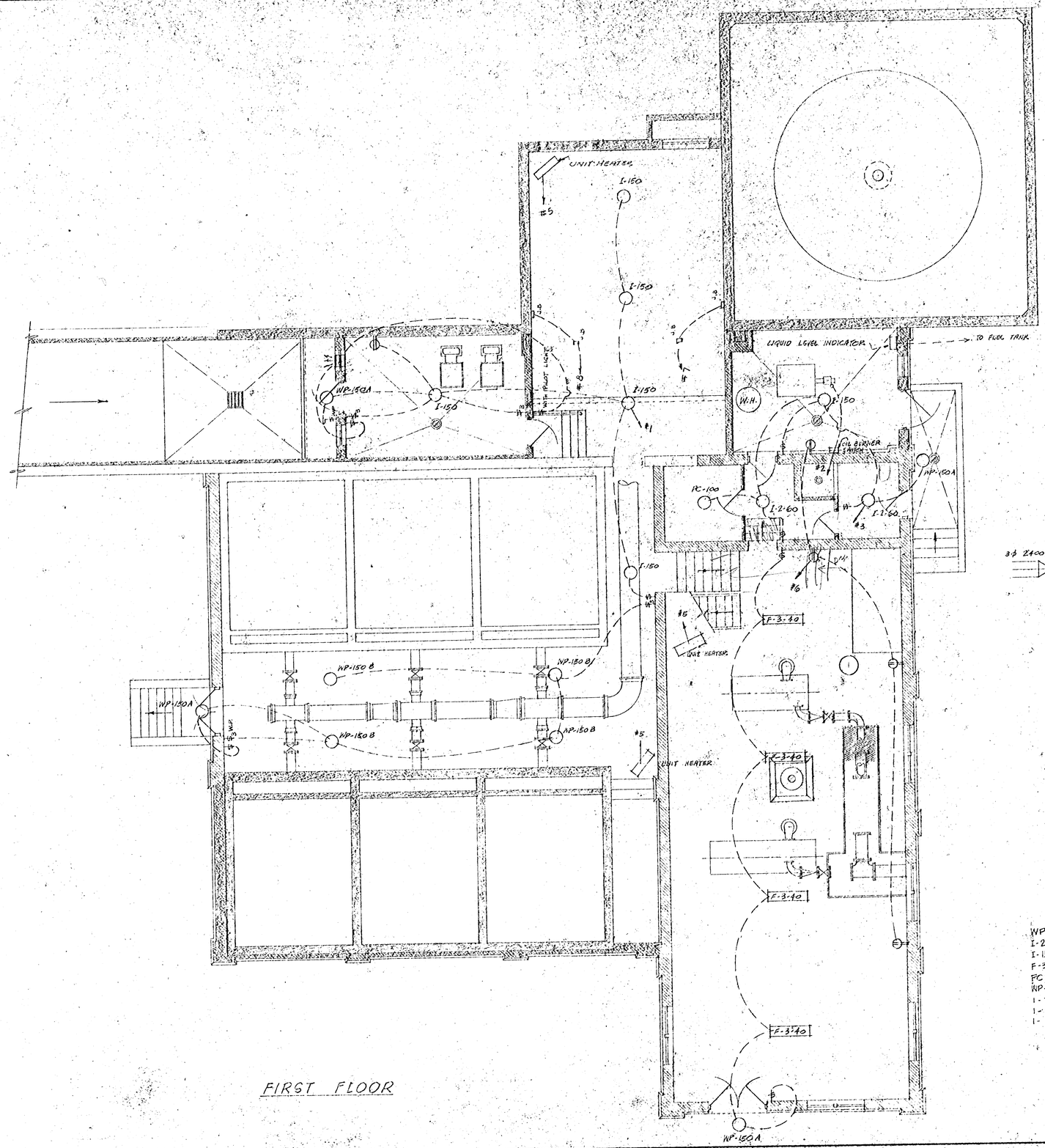
ROOF PLAN - SECOND FLOOR
Scale: 3/16" = 1'-0"

REV.	DATE	DESCRIPTION	BY
1	5-8-55	Roof Framing - 2nd & 3rd Flr.	WH

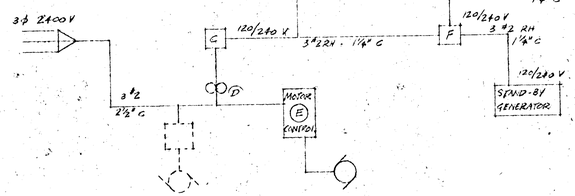
CITY OF SANFORD
NORTH CAROLINA
WATER FILTRATION PLANT
STRUCTURAL DETAILS

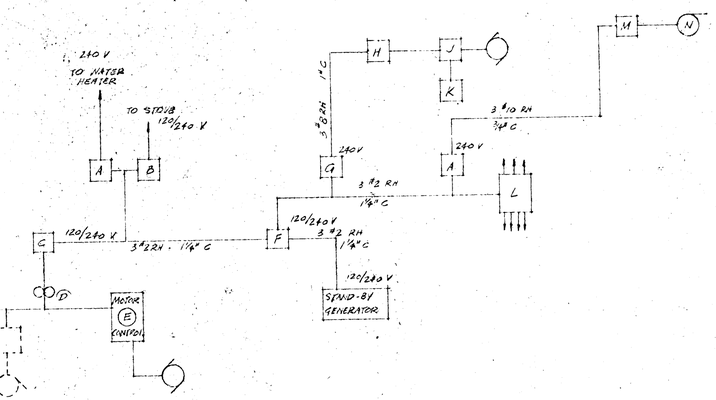
WM. F. FREEMAN, INCORPORATED
ENGINEERS AND ARCHITECTS
HIGH POINT, NORTH CAROLINA

SCALE 1/32" = 1'-0"	DESIGNED WHS	3/18/55	SHEET NO. 17
	DRAWN WHS	3/18/55	
JOB NO. B-607	CHECKED WF		
APPROVED WFF	DATE 3/18/55		OF 21



FIRST FLOOR





(A) AMERICAN BLOWER CO. UNIT HEATER #22 H1G - THERMOSTAT CONTROLLED
(B) " " " " " #11 H11 - MANUAL CONTROL - G.E. CR 1061

A 30 AMP. 2 POLE FUSED SWITCH TYPE S SQUARE D or EQUAL
B 60 AMP. 2 P + SN. FUSED SWITCH TYPE S
C 25 KVA 2400 - 120/240 SINGLE PHASE TRANSFORMER
D SINGLE PHASE GANG OPERATED FUSE CUT OUTS - G.E. #9F2F38 or EQUAL
E LINE CONTACTOR AND CONTROLLER - G.E. IC 1008 W/D PANEL #8 B12
F 100 AMP. 3 POLE - DOUBLE THROW SWITCH - QUICK MAKE QUICK BREAK, SQUARE D or EQUAL
G 60 AMP. 2 POLE. FUSED SWITCH TYPE S SQUARE D or EQUAL
H 30 AMP. 2 POLE FUSED SWITCH TYPE S SQUARE D or EQUAL
J SINGLE PHASE MAGNETIC STARTER G.E. CR 1006 or EQUAL
K STOP - START PUSH BUTTON STATION W/ PILOT LIGHT
L CIRCUIT BREAKER LIGHTING PANEL W/ MAIN BKR. and 20 AMP SINGLE POLE BKRS. SQUARE D NQB-3
M 30 AMP 2 POLE NON-FUSED SWITCH
N CABLE REEL for MONORAIL HOIST

LIGHT SCHEDULE

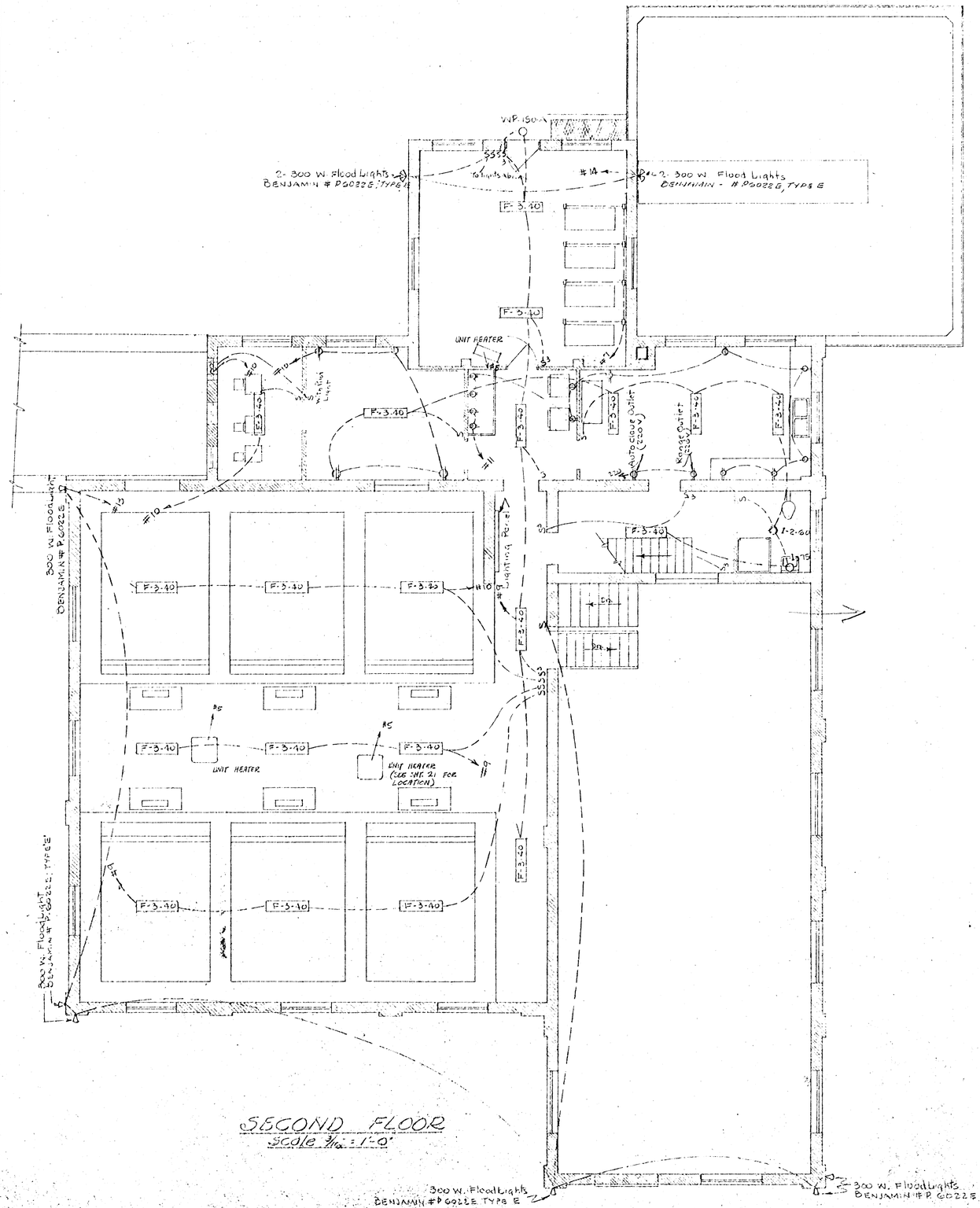
WP-150-A	ART METAL CO. #3375
I-2-60	ART METAL CO. #3360
I-150	BENJAMIN ELEC. MFG. CO. #7642
F-3-40	BENJAMIN ELEC. MFG. CO. 40663
FC-100	PULL CHAIN SOCKET - 100 WATT BULB
WP-150-B	BENJAMIN ELEC. MFG. CO. #5642
I-75	ART METAL CO. #3137
I-200	BENJAMIN ELEC. MFG. CO. #14200N
I-150-A	BENJAMIN ELEC. MFG. CO. #14100N

REV.	DATE	DESCRIPTION	BY
	5-8-55		

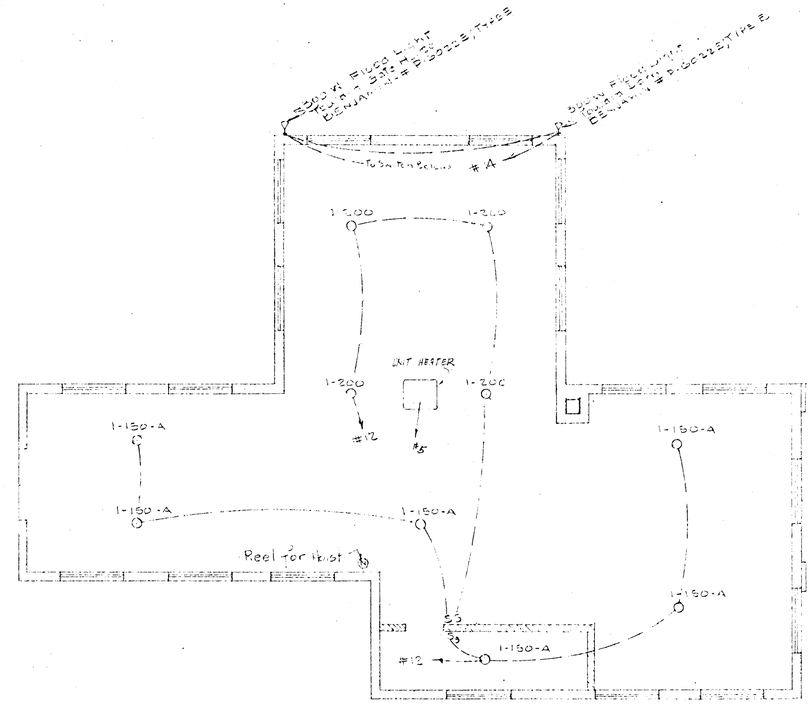
CITY OF SANFORD
NORTH CAROLINA
WATER FILTRATION PLANT
FIRST FLOOR ELECTRICAL PLAN

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

SCALE	DESIGNED P.A.	SHEET NO.
JOB NO.	DRAWN	18
	CHECKED	
APPROVED	DATE	OF 21



SECOND FLOOR
scale 3/16" = 1'-0"



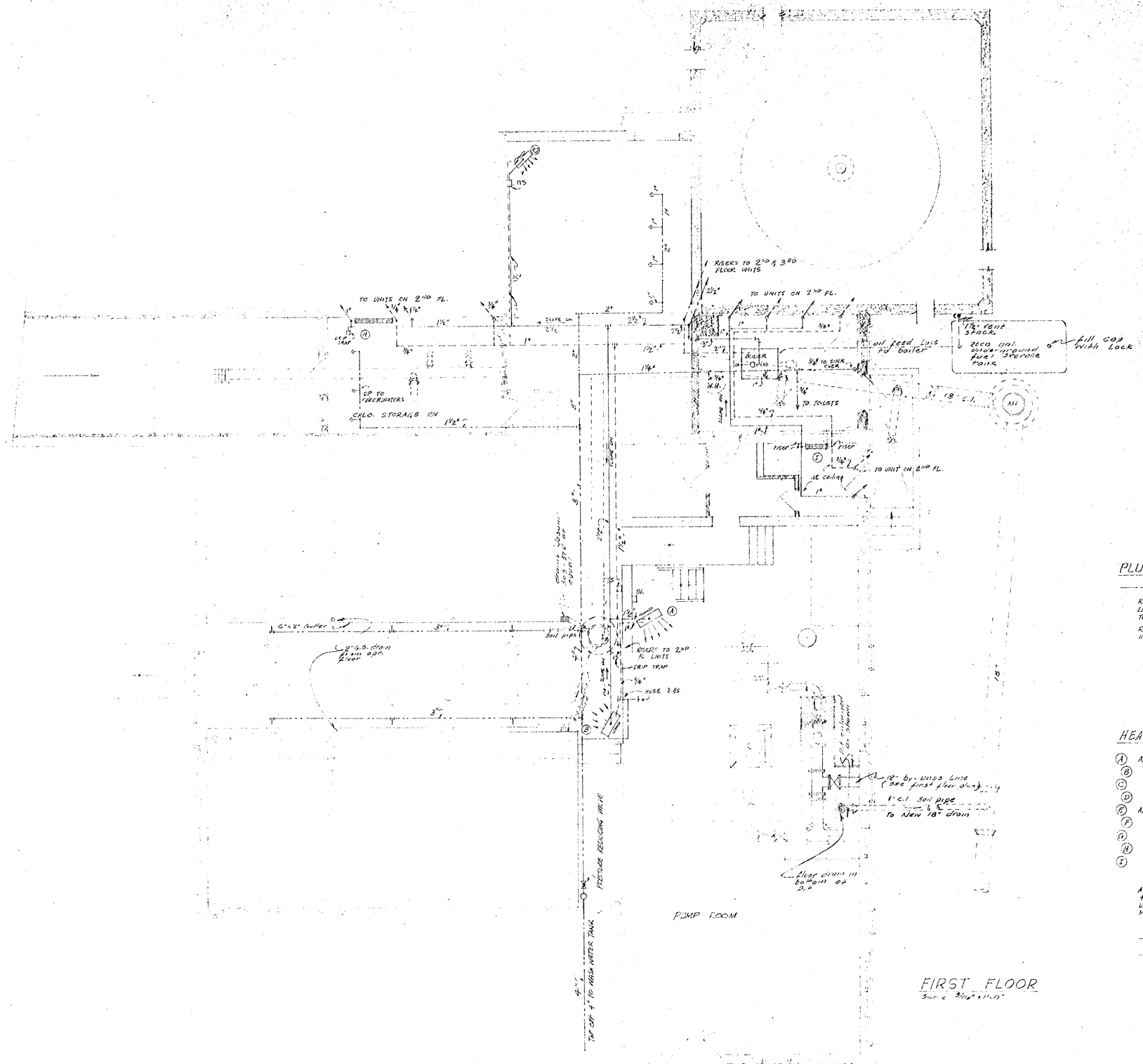
THIRD FLOOR
scale 3/16" = 1'-0"

REV.	DATE	DESCRIPTION	BY

CITY OF SANFORD
NORTH CAROLINA
WATER FILTRATION PLANT
2ND AND 3RD FL. - ELEC. PLAN

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

SCALE	DESIGNED	SHEET NO.
JOB NO.	DRAWN	19
	CHECKED	OF 21
APPROVED	DATE	



FIRST FLOOR
Scale 3/16" = 1'-0"

PLUMBING NOTES

——— COLD WATER LINES

RUN COLD WATER LINES TO SHOWERS, LAVATORIES and WATER CLOSETS IN TOILETS

RUN HOT WATER TO SHOWERS and LAVS. IN TOILETS and TO SINK IN LABORATORY

HEATING NOTES

(A) AVER. BLOWER #22H16 CONSTANT SPEED
(B) " " #11411 " "
(C) " " #12V14 " "
(D) " " #17V16 " "
(E) AVER. ST'D. "TEMTRIM" - 1 ROW, 3 LIN. FT.
(F) " " " - 2 ROW, 3 LIN. FT.
(G) " " " 1 ROW, 3 LIN. FT.
(H) " " " 1 ROW, 4 LIN. FT.
(I) " " " 1 ROW, 2 LIN. FT.

ALL "TEMTRIM" UNITS SHALL BE 1¼" IPS - 4¼" SQ. FINS, 33 FINS/FT. ALL "TEMTRIM" UNITS SHALL BE EQUIPPED W/ EXPANDED METAL GRILLES.

——— STEAM LINE

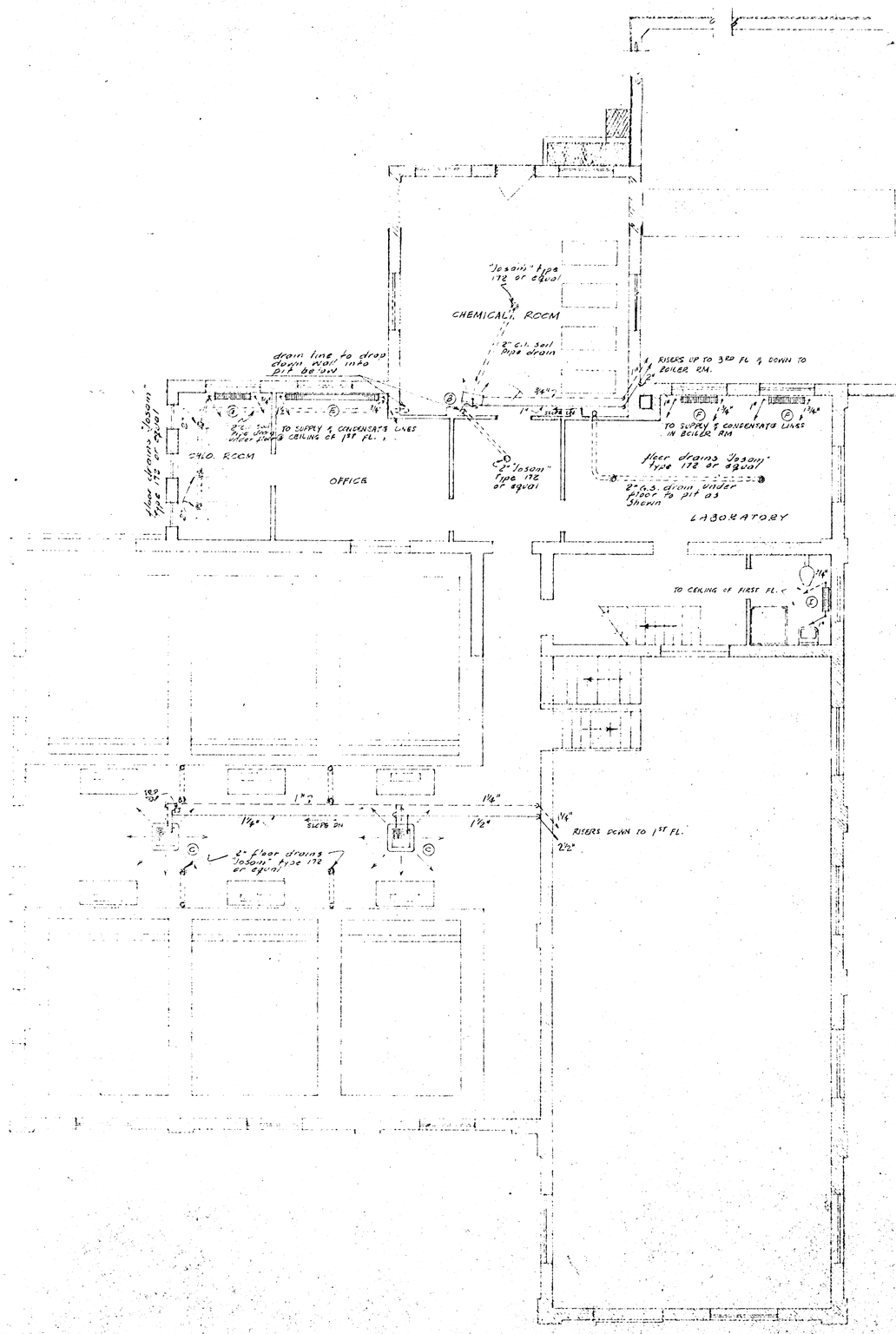
- - - - - CONDENSATE RETURN

REV.	DATE	DESCRIPTION	BY
1	3-9-55	Revised to 3rd floor	

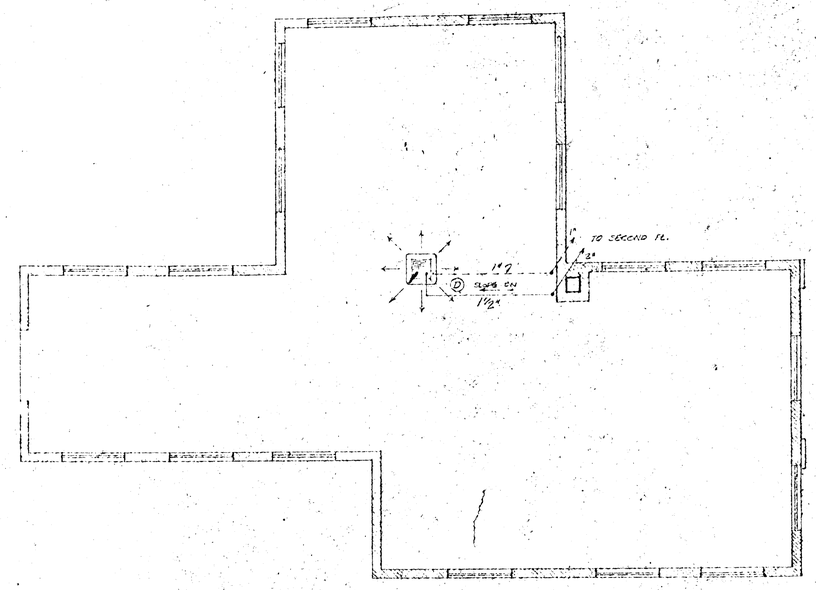
CITY OF SANFORD
NORTH CAROLINA
WATER FILTRATION PLANT
PLBG. AND HTG. - FIRST FLOOR

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

SCALE Indicated	DESIGNED RA	SHEET NO. 2.0
	DRAWN JBS	
JOB NO. 3-501	CHECKED	
APPROVED	DATE	



SECOND FLOOR
Scale 3/16" = 1'-0"



THIRD FLOOR
Scale 3/16" = 1'-0"

REV.	DATE	DESCRIPTION	BY
	5-9-55		T.

CITY OF SANFORD
NORTH CAROLINA
WATER FILTRATION PLANT
PL'BG. AND H'TG. - 2ND AND 3RD FL.

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

SCALE 1/8" = 1'-0"	DESIGNED R.E.J.	SHEET NO. 21
JOB NO. 8-601	DRAWN	
	CHECKED	
APPROVED	DATE	OF 21

6