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UBCHEA ARCHIVES
COLLEGE FILES
RG 11

Yenching
Admin
Blueprints, architectural drawings
Water tower + system

0446

COMPARISON OF BIDS FOR THE FORCED HOT WATER PIPING FOR PEKING UNIVERSITY. PEKING, CHINA.

NUMBER	BIDDER	BID. FREIGHT BANK CHARGES INS.	C.I.F.	NET WEIGHT LBS.	N.WGT IN ENGLISH TONS. 2240#	COST PER ENG. TON.	TUBES	THICKNESS OF TUBE OR PIPE (OVER) WEIGHT IN LBS/FT. (BELOW)								WORKING STRESS #/SQ. IN. FOR TUBE	WORKING STRESS #/SQ. IN. FOR VALVES	MAKE OF VALVES.	TYPE OF VALVES & MATERIAL.	FLANGE TYPE.	FLANGE MATERIAL	INCLUDE HANGERS OR SUPPORTS	ANCHORS	FIGURED ON FLOW & RETURN.	CAN BEGIN SHIPMENT AFTER RECEIPT OF ORDER	GASKETS & BOLTS.	FITTINGS MATERIAL ETC.
								SIZES																			
								12"	10"	9"	8"	7"	6"	5"	4"												
I.	CRANE EXP. CORPN. NEW YORK (U.S.)	\$4.78 \$63,840.	TIENTSIN TAKU-DAR	595,000 % DIFF. FROM 600,000 # -0.8%	266	\$240. 10.7 CENTS/LB.	FULL WEIGHT STEEL PIPE	0.375" 49.5#	0.365" 40.4#	0.342" 33.9#	0.322" 28.5#	0.301" 23.5#	0.280" 18.9#	0.258" 14.6#	0.237" 10.7#	CAT. No LESS THAN 368 # W.P.	CAT. 250 # S.W.P.	CRANE CO.	EX. H.V.Y. O.S. & Y. GATE WITH BRASS STEM 3" & OVER. 7 1/2" & 9" EX. H.V.Y. BRASS GATES. ELSE- WHERE #66E.	LOW HUB CRANE LAP. LOOSE OVER 5". SCREWED UNDER.	FORGED STEEL.	NO.	STYLE "X" ADJUSTABLE SUPPORT.	COMPLETE SYSTEM FIG. ON BRIT. STD. THREADS.	60 DAYS.	CRANEITE 1/16" RING GASKETS & BOLTS TO BRIT. STD.	EX. H.V.Y. CAST IRON.
II.	ANDERSEN, MEYER GRINNELL (U.S.)	\$56,210.	TIENTSIN	660,000 % DIFF. FROM 600,000 # +10.0%	295	\$191. 8.52 CENTS/LB.	NAT'L STEEL FULL WEIGHT	SAME AS ABOVE NATIONAL TUBE CO.'S FULL WEIGHT STANDARD.								NAT. TUBE TESTED TO NOT LESS THAN 800 #	125 # W.P.	OHIO INJECTOR CO.	IRON BODY BR. MOUNTED PACK- ING RING. BRONZE SEAT GATES 2" & OVER. ROUGH BRASS BODY UNDER 2".	G.F.E. EX. H.V.Y. SQUARE CORNER LAP SCREWED & LAP JOINT WHERE SPECIFIED.	EX. H.V.Y. CAST IRON.	YES.	AS PER D'W'G. PU/HI/56	COMPLETE SYSTEM. FIG. ON BRIT. STD. THREADS	6 WKS.	CORRUGATED RING TYPE BY PHOENIX SPEC. CO. 1/16" X.H. MONEL & BOLTS TO BRIT. STD. NO RUBBER	EX. H.V.Y. CAST IRON.
III.	STEWARTS & LLOYDS. GLASGOW (SCOTCH)	\$44,454. £9,300.	TIENTSIN	515,200 % DIFF. FROM 600,000 # -14.1%	230	\$193. 8.63 CENTS/LB.	LAPWELD ED STEEL	0.375"	0.365"	0.342"	0.322"	0.301"	0.28"	0.258"	0.237"	300 # W.P.	300 # W.P.	SIR W.H. BAILEY & CO. LTD. MANCHESTER	?	BRITISH STD. #2. SCREWED OR EXPANDED ON FACED PLAIN. LOOSE OVER 6". SCREWED UNDER.	MILD CAST STEEL.	NO	INCLUDED AS SPECIFIED	COMPLETE SYSTEM FIG. ON BRITISH STD. THRS.	4-5 WEEKS.	JOINT RINGS & PROTECTION TO FORM ALBION TYPE JOINT. BOLTS TO BRIT. STD.	CAST IRON FOR FLANGED, & WRT IRON FOR SCREWED
IV.	BRITISH-MANNESMANN LONDON (BRITISH)	\$33,555. £7,020.	TIENTSIN	434,560 % DIFF. FROM 600,000 # -27.5%	194	\$173. 7.72 CENTS/LB.	BRITISH MANN. WELDLESS STEEL TUBE	OUTSIDE DIAM. RATING 12 1/2" 10 1/2" 9 1/2" 8 1/2" 7 1/2" 6" 5" 4" ST. BIRMINGHAM SHEET GAUGE & THICKNESSES. #1 #2/3 #3/4 #5/6 #6/7 #7 #8 #8/9. 0.353" 0.317" 0.287" 0.257" 0.227" 0.198" 0.176" 0.157" 0.157" 0.147" 46.4" 39.2" 31" 28" 25" 19.5" 17.6" 15.5" 13.8" 12.8" 8.1" 6.45" 5.76"								300 # W.P.	125 # S.W.P.	GLENFIELD	TYPE A33 IRON BODY GATES.	ALBION JOINT. LOOSE, BUT SCREWED WHERE SPECIFIED.	CAST STEEL.	YES.	TO OWN PRINT WITH C.I. BASE.	FOR HOT WATER HEATING PIPES FIG. ON BRIT. STD. THREADS.	4 WKS.	COMP. RED FIBER JOINT RINGS TO FORM ALBION JOINT & BOLTS TO BRIT. STD.	BRANCHES WELDED ON AT RIGHT ANGLES.
V.	CHINA INTERNATIONAL. SHANGHAI (GERMAN)	\$25,000. £5,230.	TIENTSIN	388,397 % DIFF. FROM 600,000 # -35.2%	174	\$144. 6.43 CENTS/LB.	MANN. SEAMLESS TUBING.	0.375" 49.5#	0.314" 34.6#	0.303" 30.3#	0.301" 27 #	0.261" 20.4 #	0.204" 13.35 #	0.182" 10.12 #	0.173" 7.75 #	?	?	— AS SPECIFIED. —	?	?	YES.	DO FURNISH	AS. PER SPEC'S & PRINTS. FIG. ON ? STD. THREADS.	7 WKS.	?	? FITTINGS TO BE IN ACCORDANCE WITH THE DRAWINGS.	
VI.	CORNELL & UNDERHILL NEW YORK (U.S.)	\$40,000. 2 % FOR CASH.	TIENTSIN	559,760 % DIFF. FROM 600,000 # -6.7 %	250	\$160. 7.16 CENTS/LB.	FULL WGT. BLACK LAPWELDED MILD STEEL.	0.375" 50 #	0.365" 41 #	0.342" 33.9 #	0.322" 28 #	0.301" 23.5 #	0.280" 18.9 #	0.258" 14.6 #	0.237" 10.7 #	TESTED TO NOT LESS THAN 800 #	300 # W.P.	A MATTER OF DELIVERY PROBABLY FAIRBANKS	I.B.B.M. FLANGED GATES & EX. H.V.Y. BRASS GATES AS SPECIFIED.	EX. HEAVY LONG HUB VANSTONE JOINTS.	CAST IRON	NO	FURNISHED	COMPLETE SYSTEM. FIG. ON BRIT. STD. THREADS.	1 MONTH.	CONSOLCO 1/16" RING & BOLTS TO U.S. STD.	CAST IRON BOTH FLANGED AND SCREWED
VII.	JOHN SIMMONS CO. NEW YORK (U.S.)	\$48,940. 2% - 10 DAYS FROM INVOICE.	PEKING VIA SHANGHAI	566,467 # % DIFF. FROM 600,000 # -5.6 %	253	\$193 8.65 CENTS/LB.	BLACK WROUGHT STEEL. LAPWELDED	50 #	40.5 #	34 #	28.5 #	23.5 #	19.0 #	14.6 #	10.7 #	NAT. TUBE TESTED TO NOT LESS THAN 800 #	150 # ON FLANGED & 125 # ON SCREWED	CHAPMAN VALVE M'F'G. CO.	H.V.Y. IRON BODY O.S. & Y. BRONZE STEM #73 & HEAVY ROUGH BRASS N.R. STEM #70 & #1A AS SPECIFIED.	EX. HEAVY HIGH HUB SQ. CORNER VANSTONE JOINTS.	CAST IRON.	NO	AS PER D'W'G. PU/HI/56.	COMPLETE SYSTEM FIG. ON BRIT. STD. THREADS.	30 DAYS.	1/16" RING KLINGERIT & BOLTS TO BRIT. STD.	BLACK EX. H.V.Y. CAST IRON.

CLYDE R. PLACE, CONS. ENG.
GRAND CENTRAL TERMINAL, N.Y. CITY.
DATE: - MARCH 3, 1925.

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CLYDE R. PLACE
MAR 4 1925
GRAND CENTRAL
TERMINAL N.Y. CITY

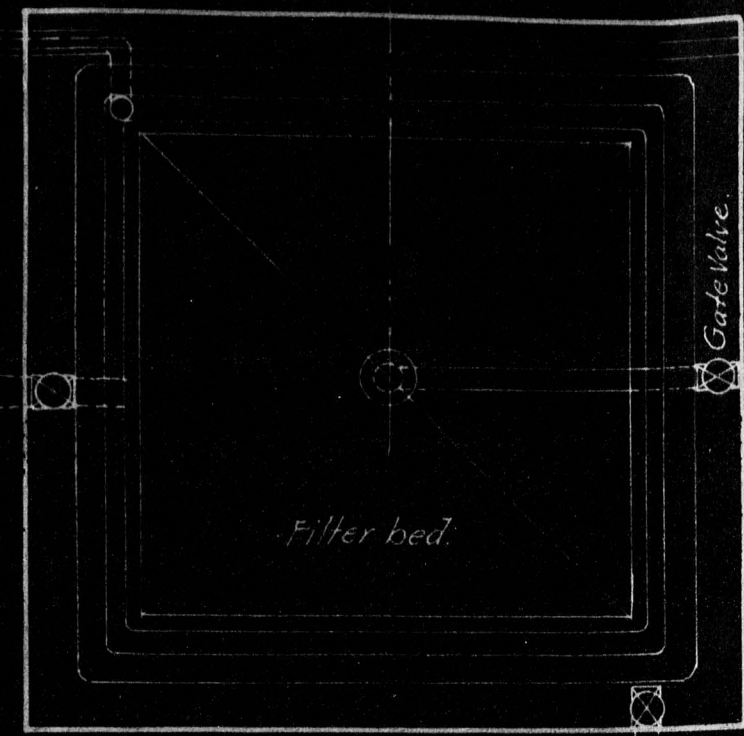
0448

Forced Hot Water Piping - Yenching University
Comparison of Bids

0449

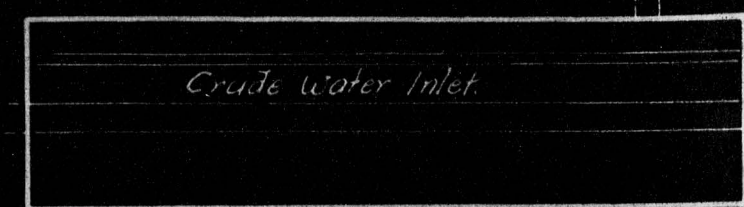
Todrums

Treated water line from filter beds to storage tanks



Filter bed

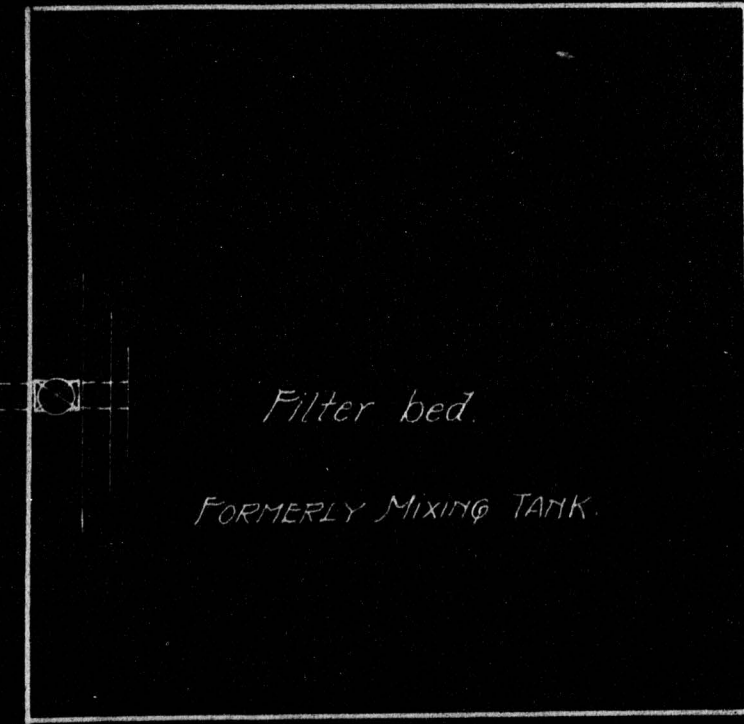
Gate Valve



Crude water inlet

Gate Valve

Float Controlled Crude water inlet Valve



Filter bed

FORMERLY MIXING TANK



SETTLING TANK CAP 50000 GALLS.

Air line from compressor in power house

Air outlets

MIXING TANK CAP 1500

PLAN

0450

Gate Valve

SETTLING TANK CAP 50000 GALLS.

Air line from compressor in power house

Air outlets

Gate Valve

MIXING TANK CAP 15000 GALLS.

Float Controlled Crude water inlet Valve.

Drain Valve.

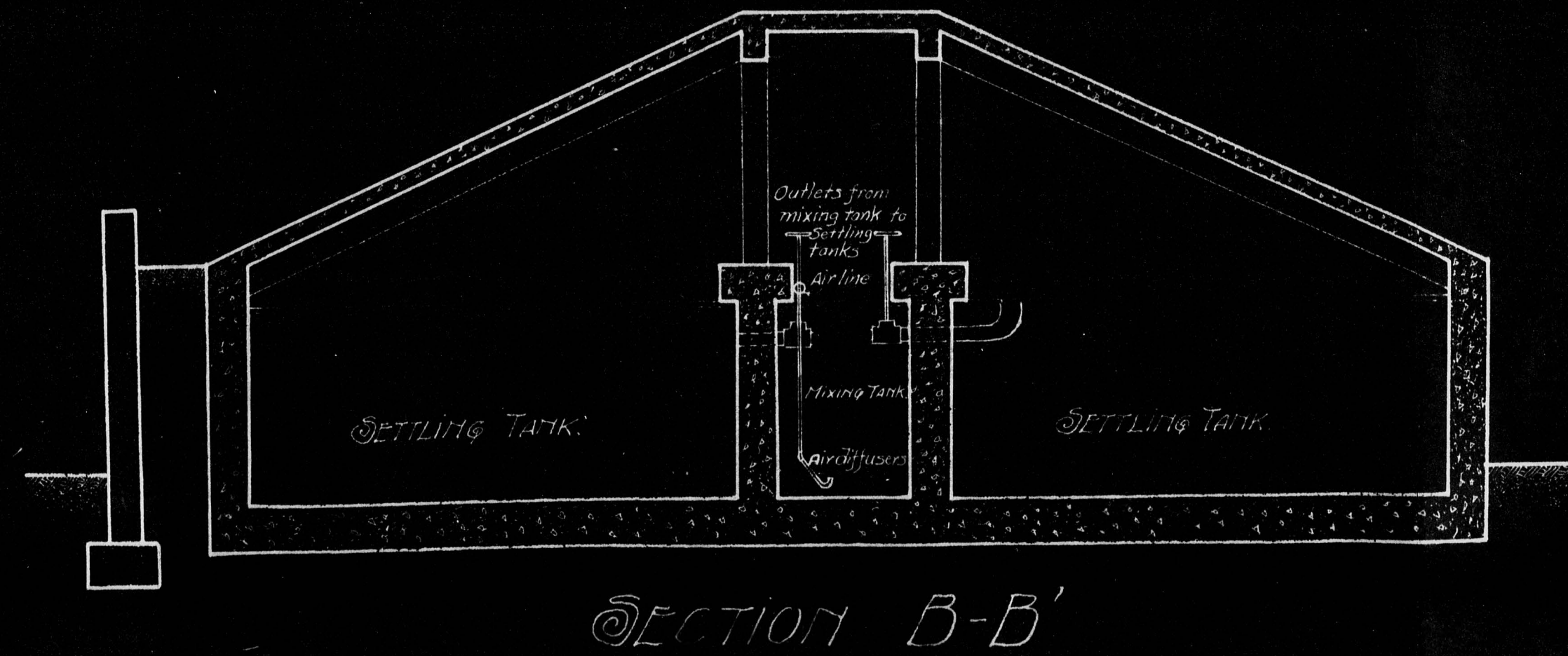
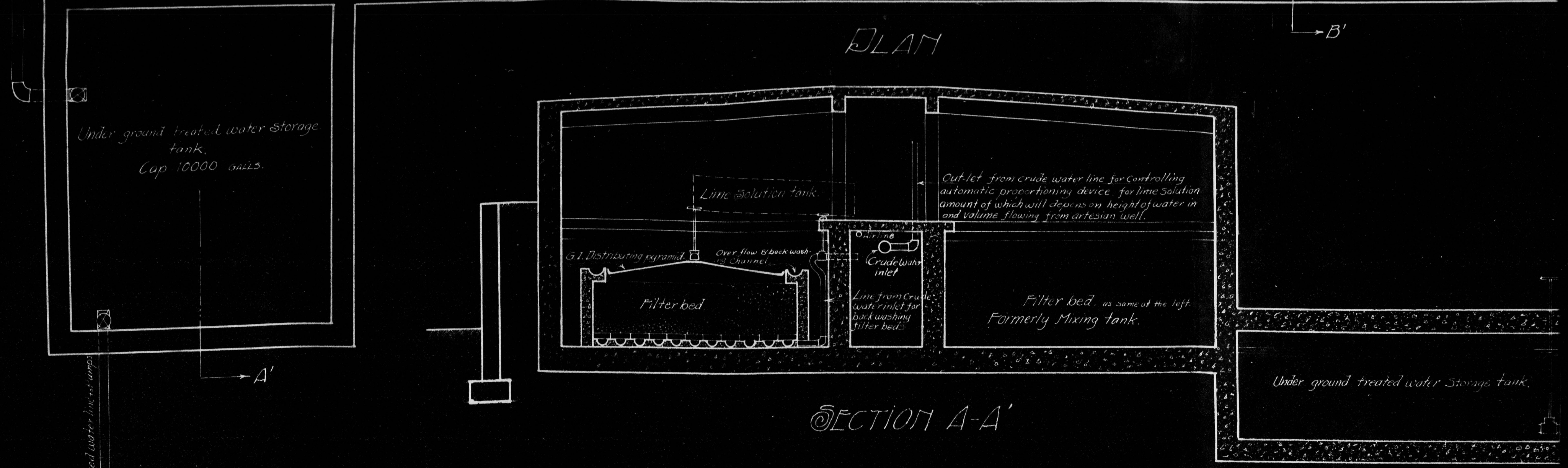
SETTLING TANK CAP 50000 GALLS.

PLAN

B

B'

0451



WATER SOFTENING
FOR
YENCHING U.
Scale 1/4"

0452

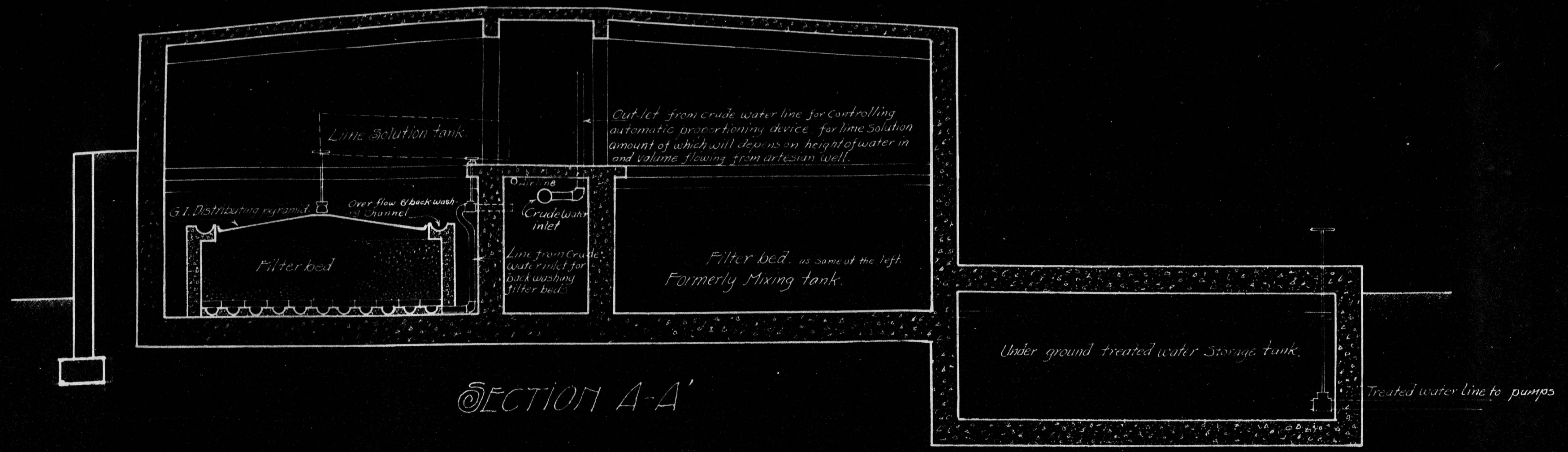
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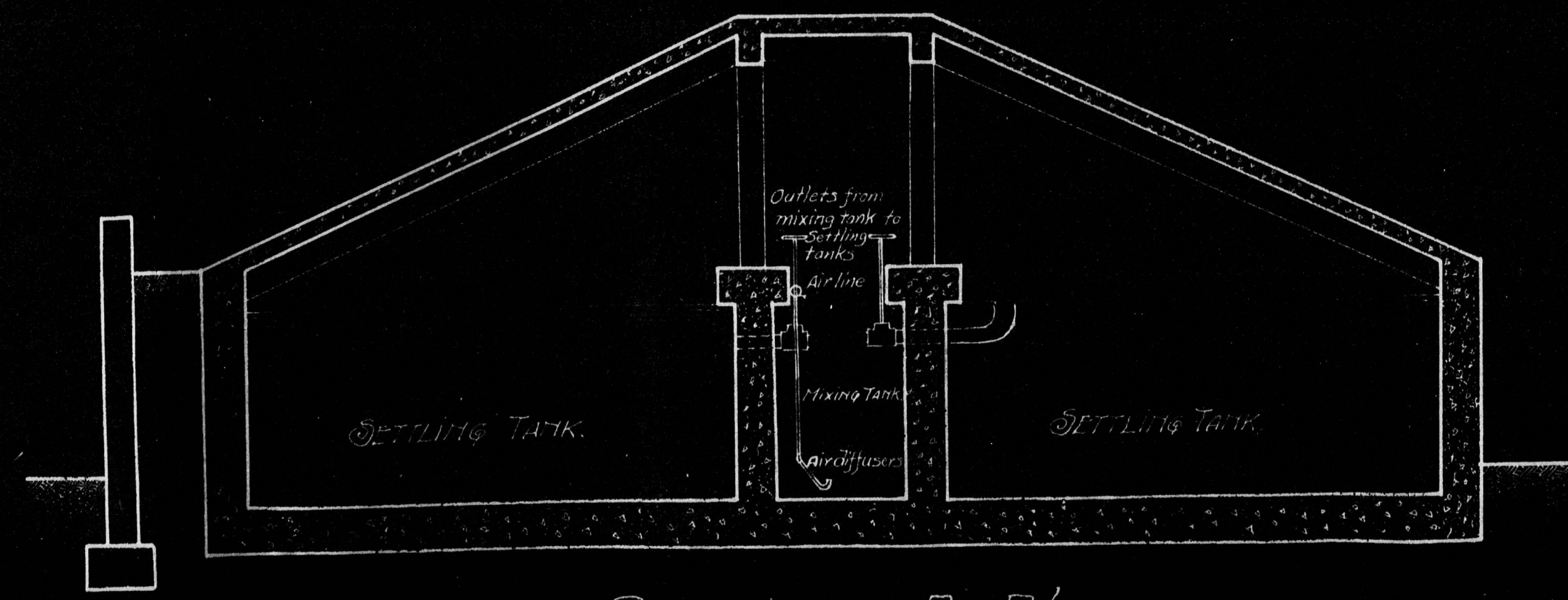
A'

PLAN

B'



SECTION A-A'



SECTION B-B'

WATER SOFTENING PLANT
FOR
YENCHING UNIVERSITY

Scale 1/4" = 1 ft.

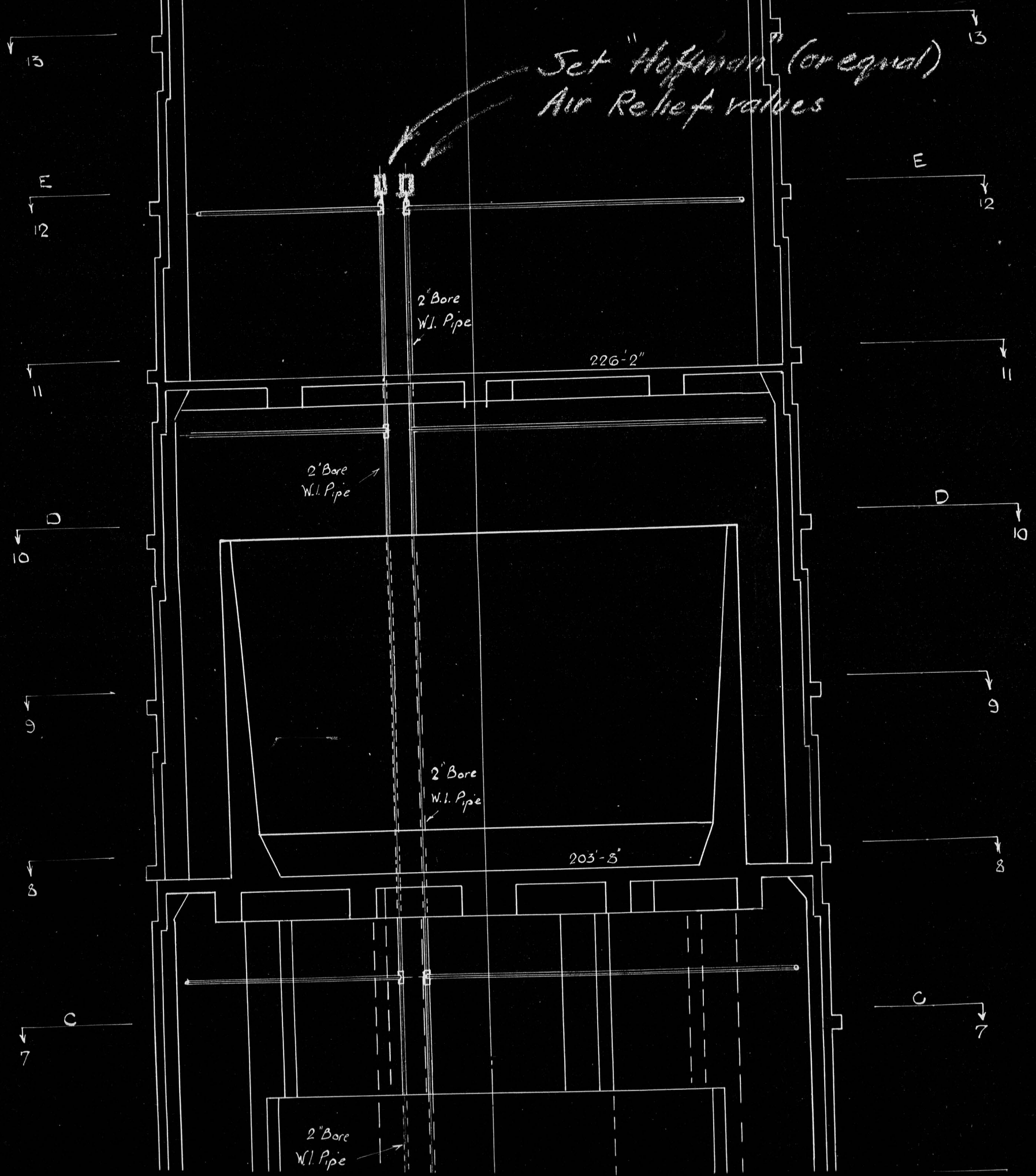
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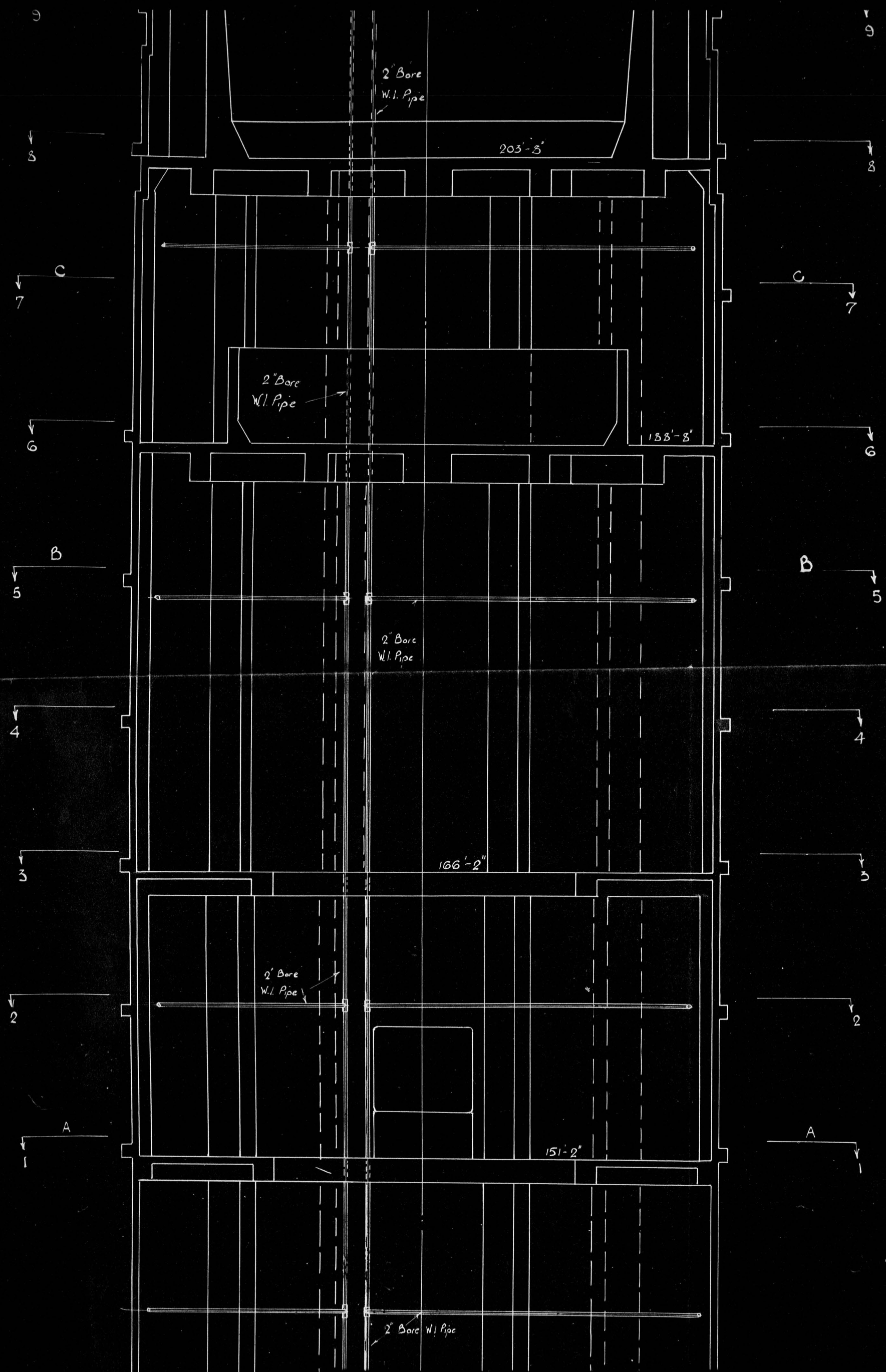
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Water Softening Plant

Yonkers University



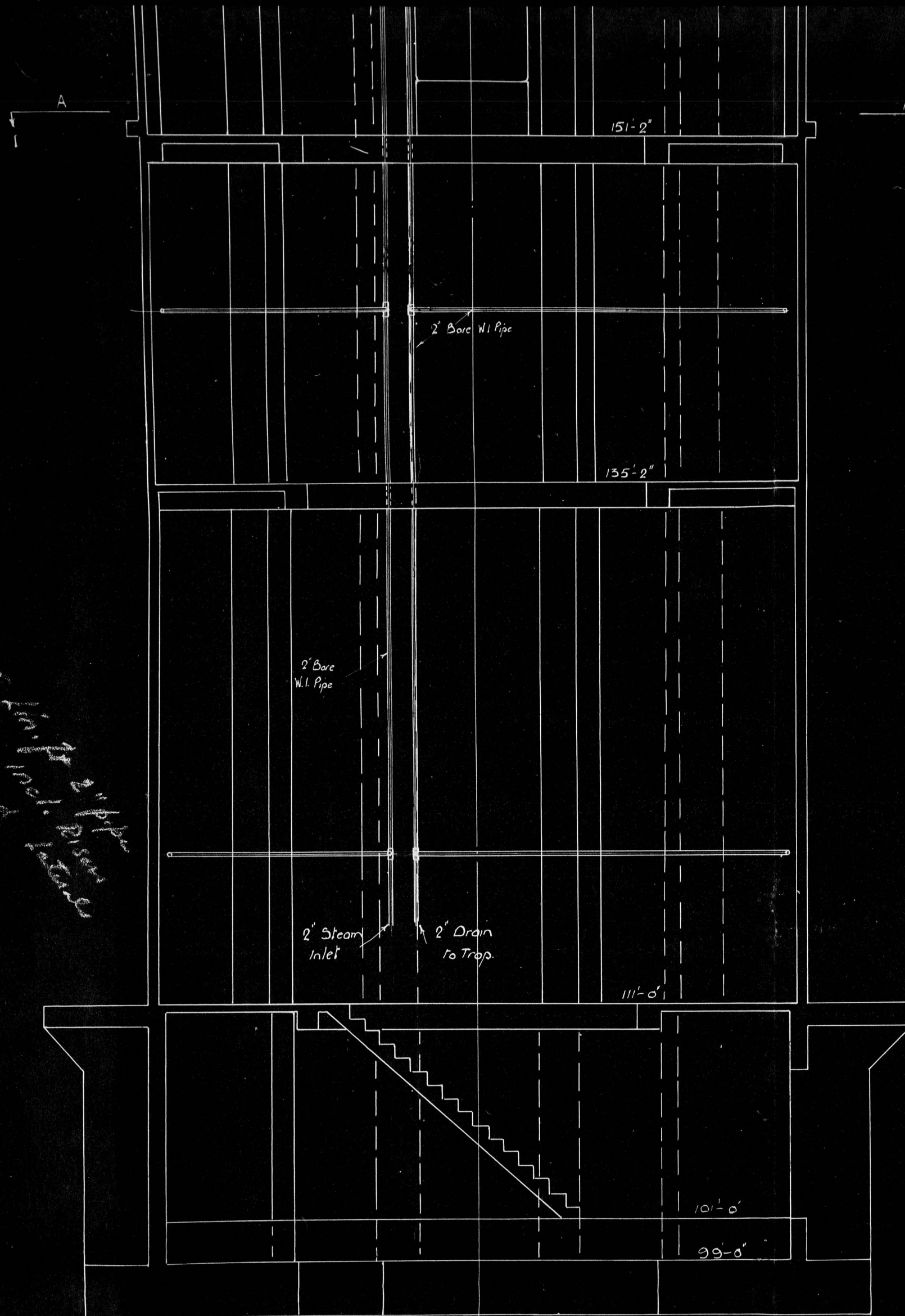
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— ARRANGEMENT OF STEAM PIPES —

— FOR —

— HEATING WATER TOWER —



— ARRANGEMENT OF STEAM PIPES —

— FOR —

— HEATING WATER TOWER —

— FOR — PEKING UNIVERSITY — CHINA —

— Scale $\frac{1}{4}$ = 1 Foot —

Nov. 21-25

13143
1-9-25

0458

ROYLES LIMITED,
Engineers & Specialists,
IRLAM, near MANCHESTER.

4317
RECEIVED
OLYDE R. PLAGE
NOV 6 1925
GRAND CENTRAL
TERMINUS

P. U.

4317

RECEIVED
OLYDE R. PLACE
NOV 8 1925
GRAND CENTRAL
TERMINAL
NEW YORK CITY

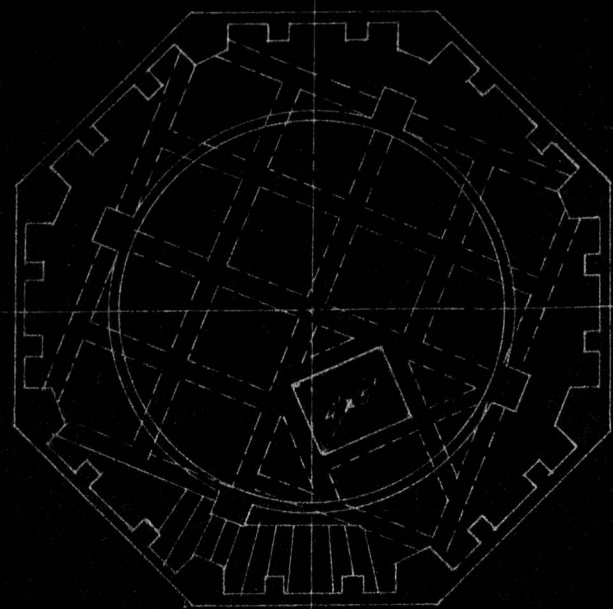
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NOV 6 1925
JOINT OFFICE

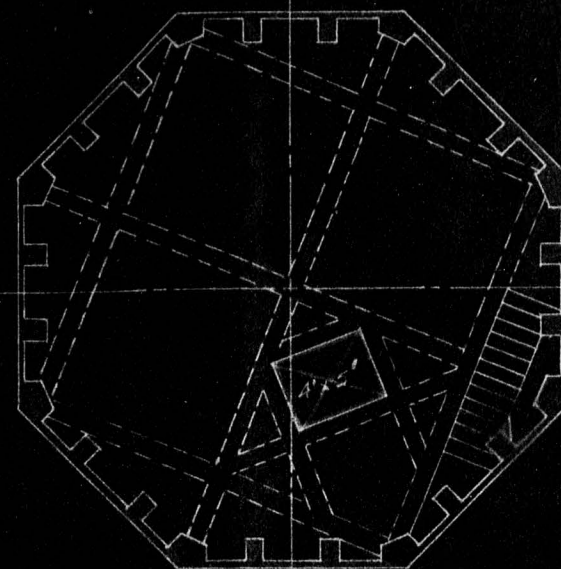
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Arrangement of Steam Pipes for Heating Water Tower
Yielding University

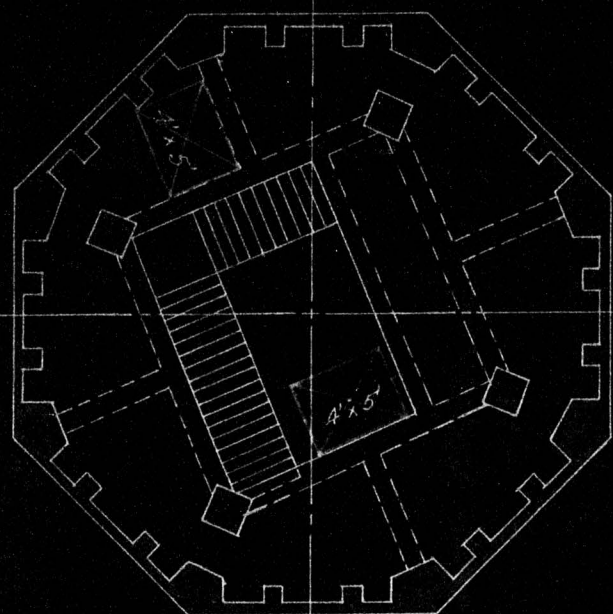
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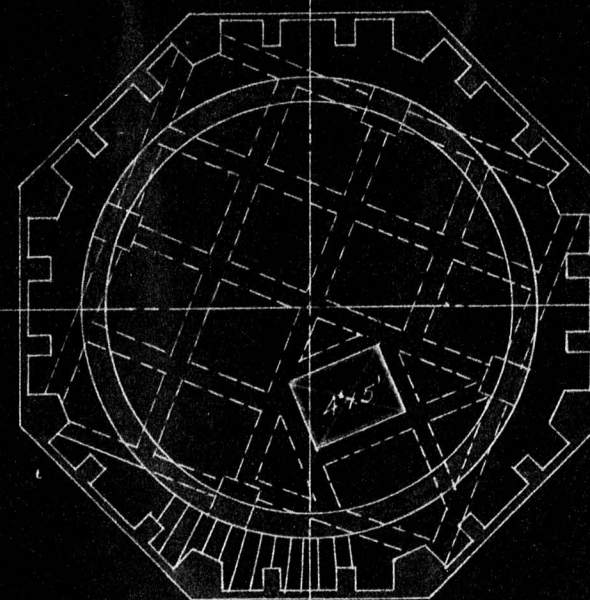
FIFTH FLOOR PLAN



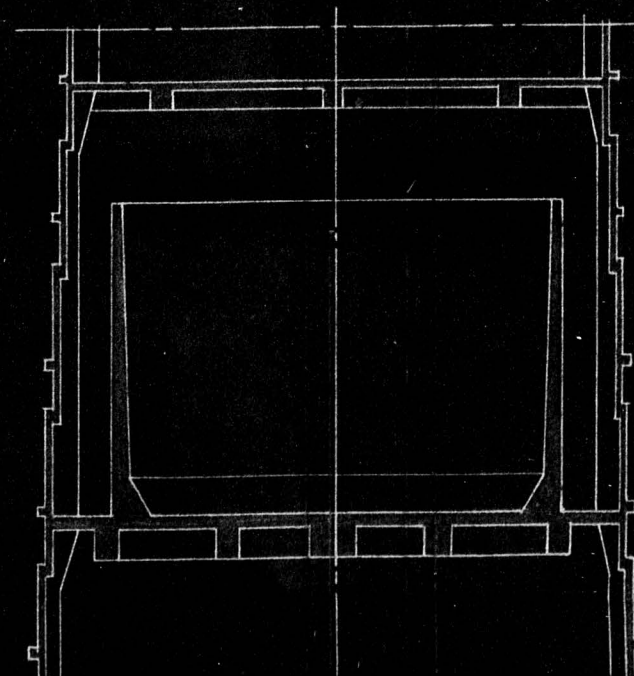
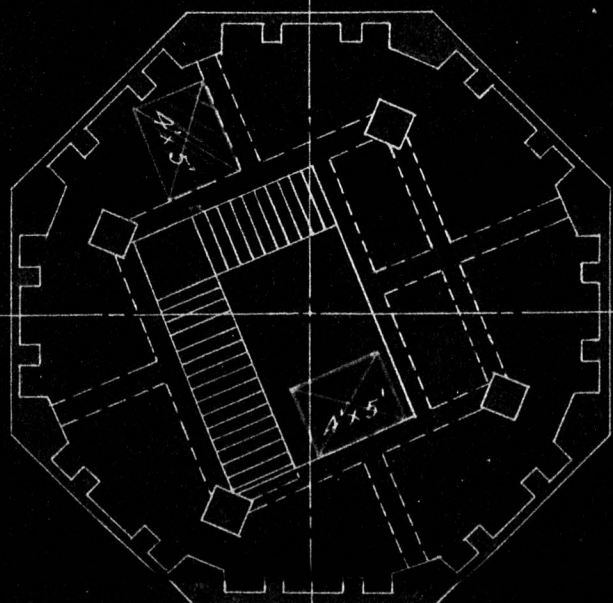
SEVENTH FLOOR PLAN



FOURTH FLOOR PLAN



SIXTH FLOOR PLAN



20'-0" to ceiling.

7th. fl.

22'-6"

6th. fl.

5'-0"

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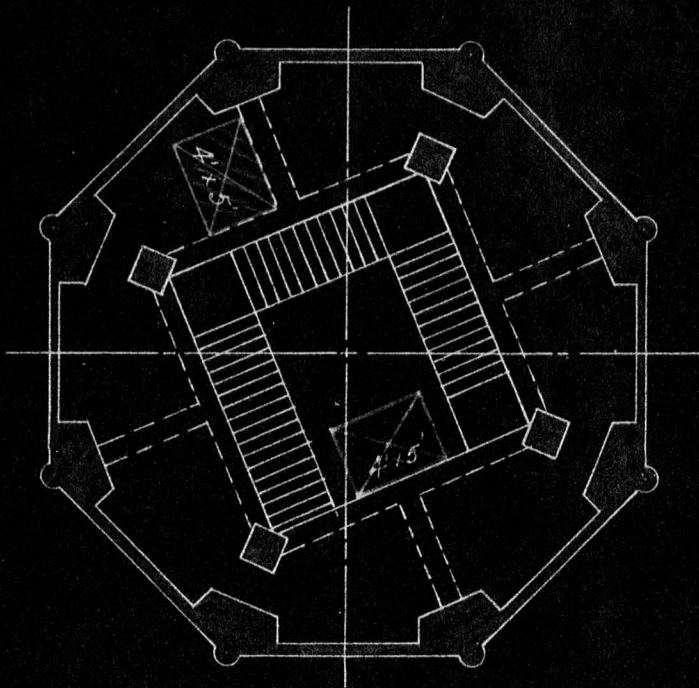
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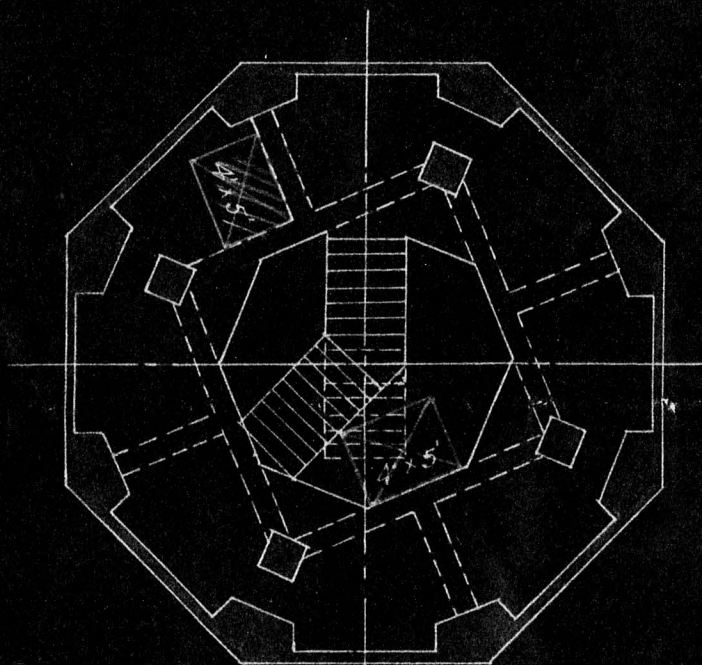
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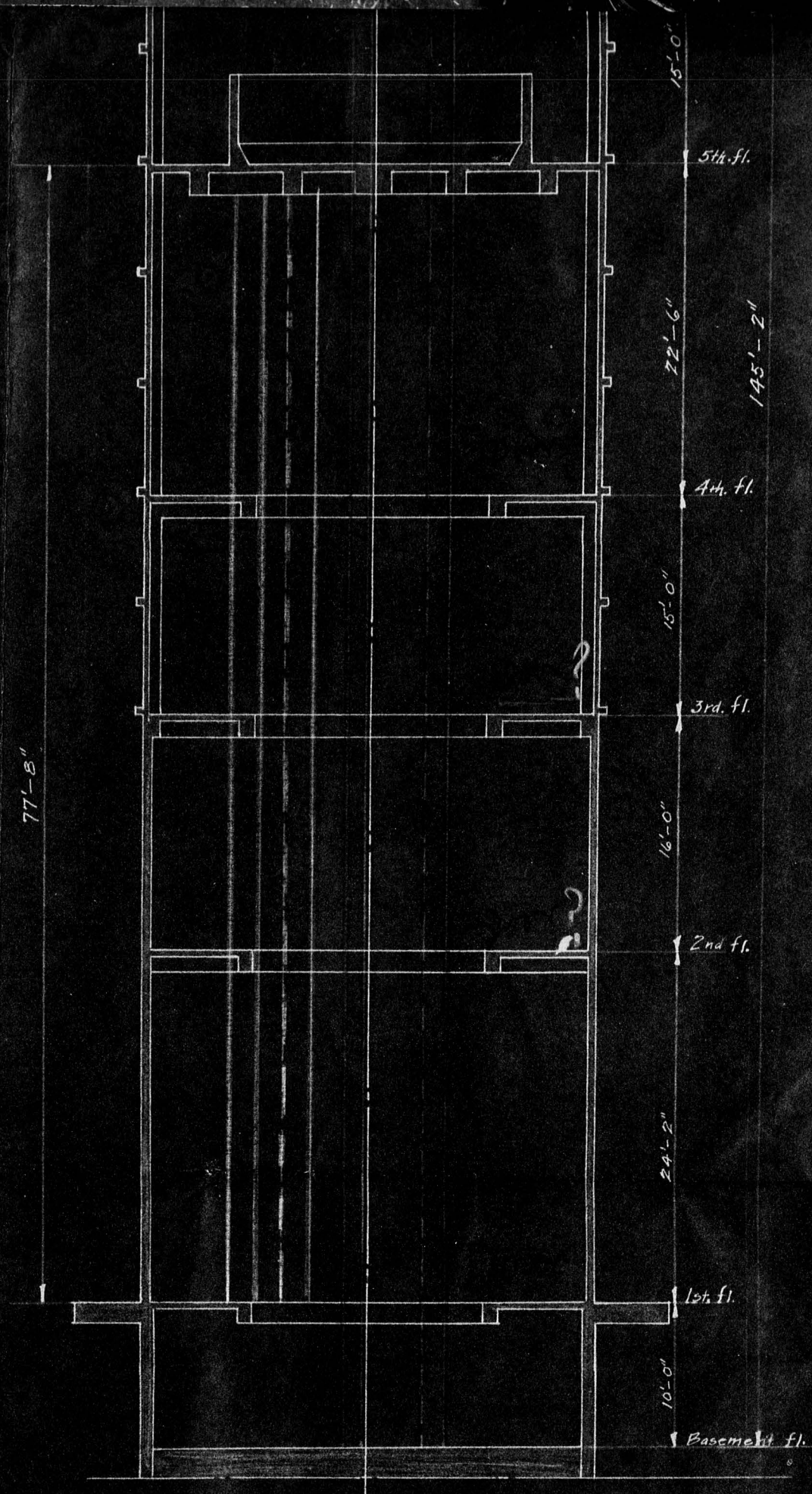
THIRD FLOOR PLAN



SECOND FLOOR PLAN



FIRST FLOOR PLAN



SECTIONAL ELEVATION

TWO PROPOSALS:-

- I. ELEVATOR AT CORNER TO 4TH FROM 1ST FLOOR.
- II. ELEVATOR AT CENTER TO 7TH FROM BASEMENT FLOOR.

LUND, GERNOW & CO.		
PEKING.		
DR. NO. 216/10/20		
DATE	MADE BY	CHECKED
27/7/25	JA	JA

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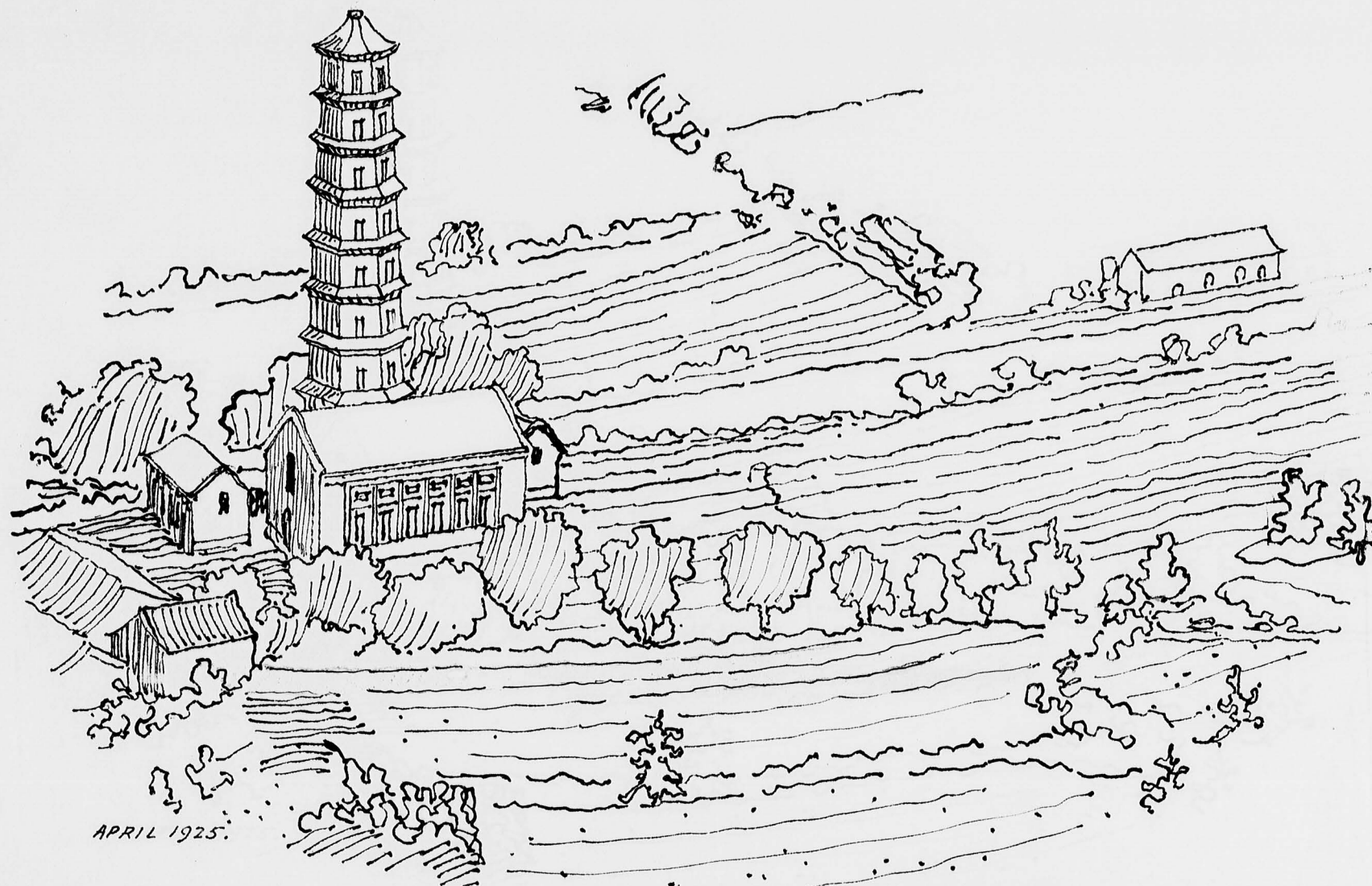
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JOINT CHIEFS OF STAFF
WASHINGTON, D.C.
20315-5000

0465

Plan for Elevator in Pagoda Peter Loren - Zurich University

0466



APRIL 1925.

POWER HOUSE - PEKING UNIVERSITY.
HENRY KILLAM MURPHY-ARCHITECT.

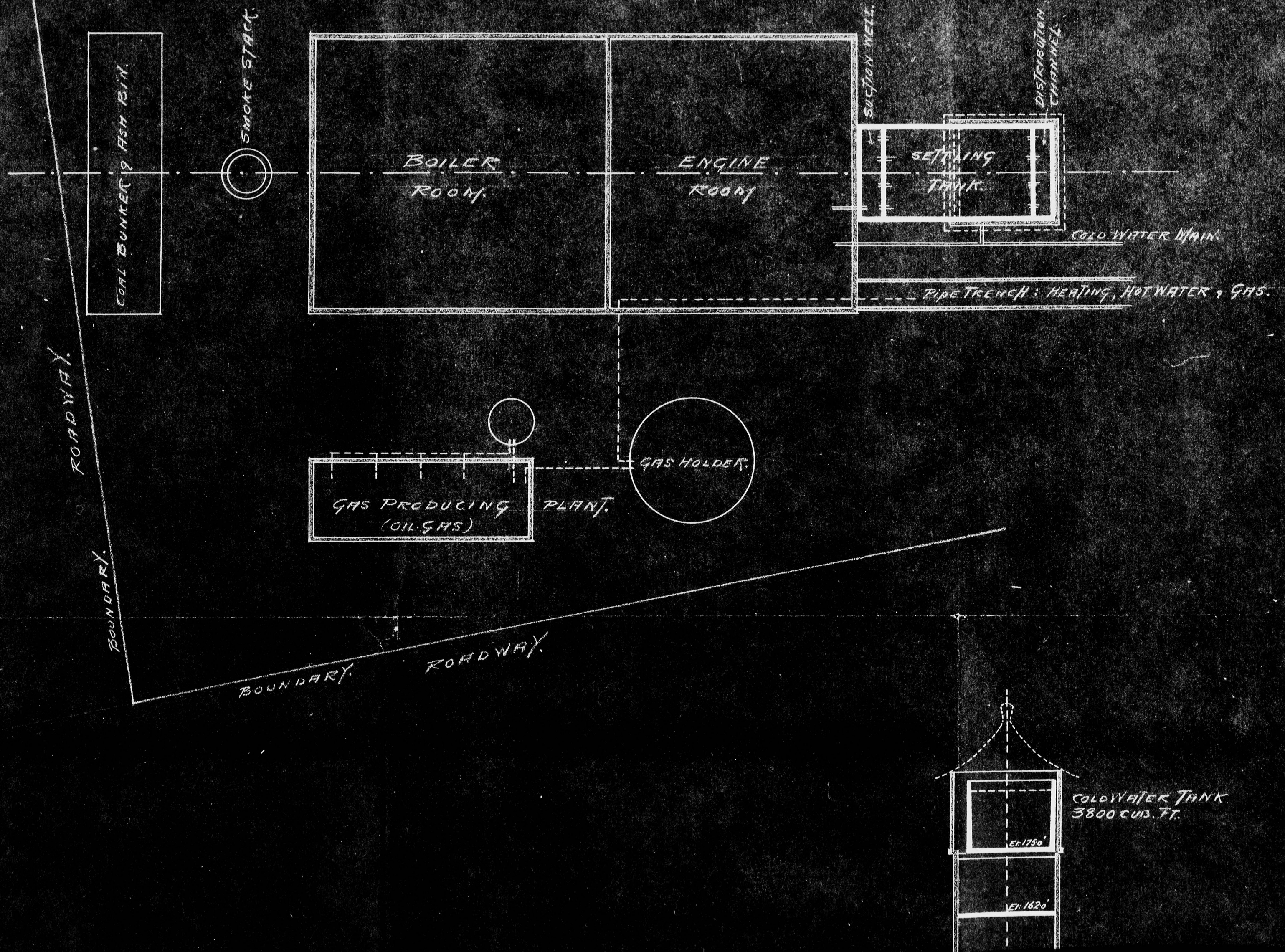
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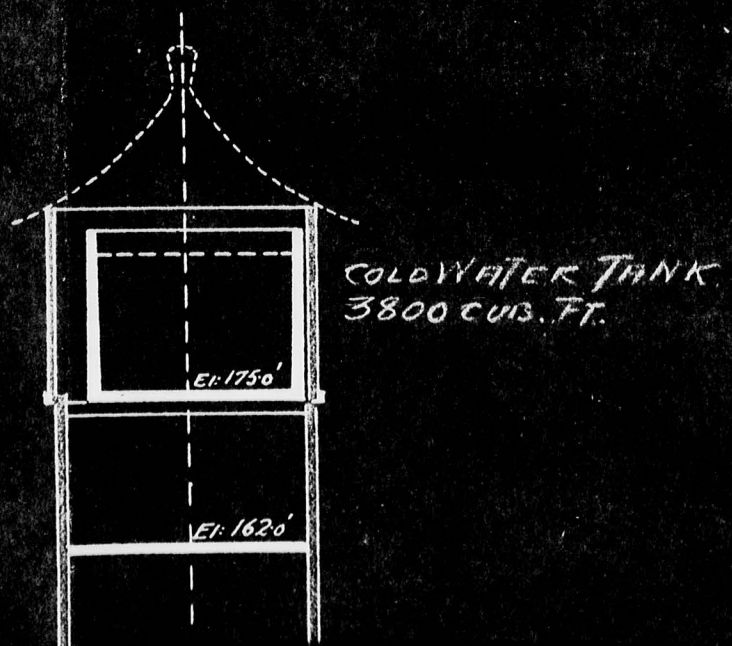
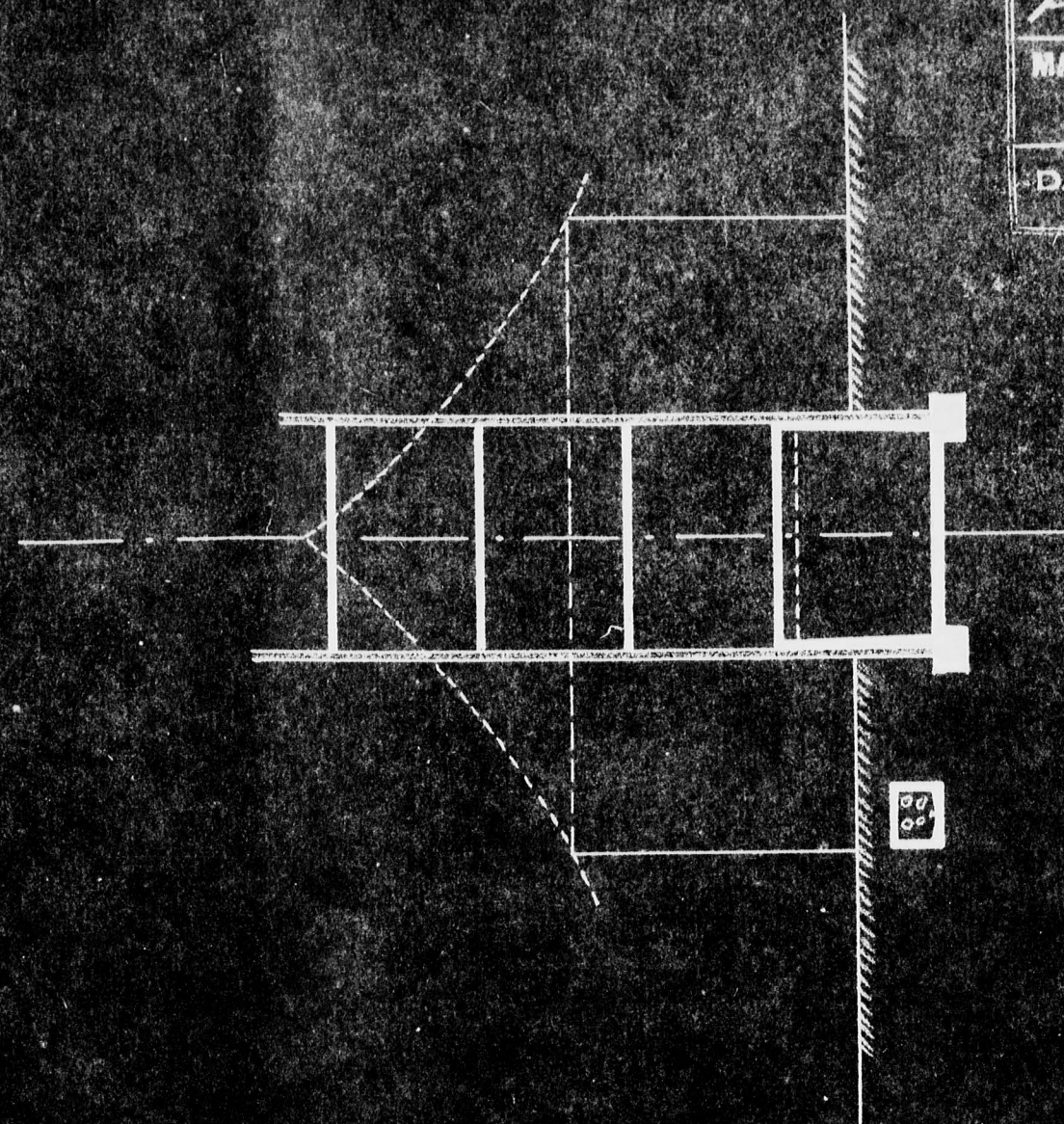
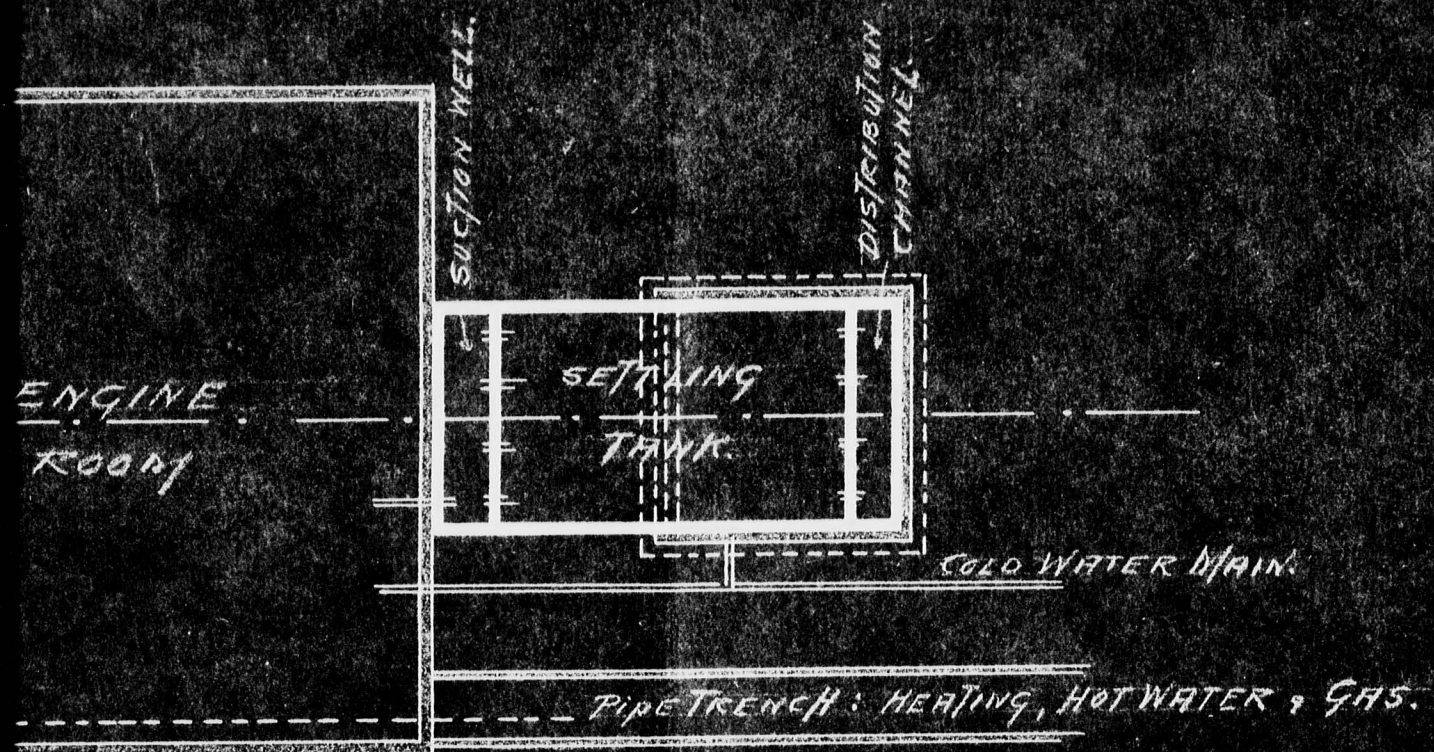
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0467

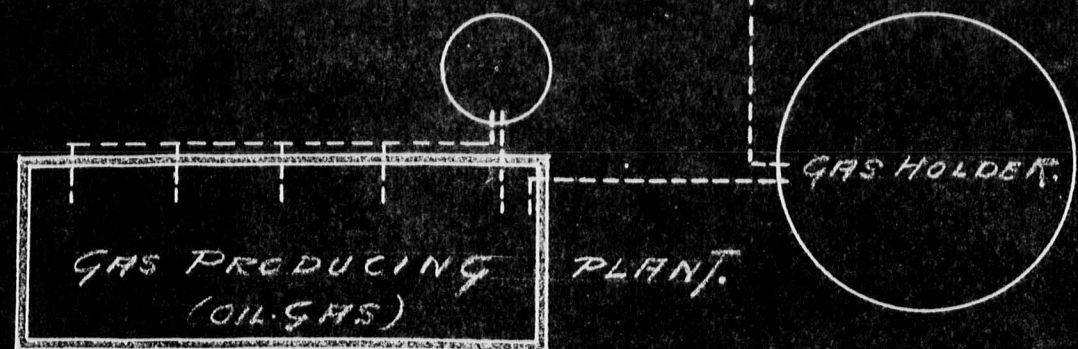
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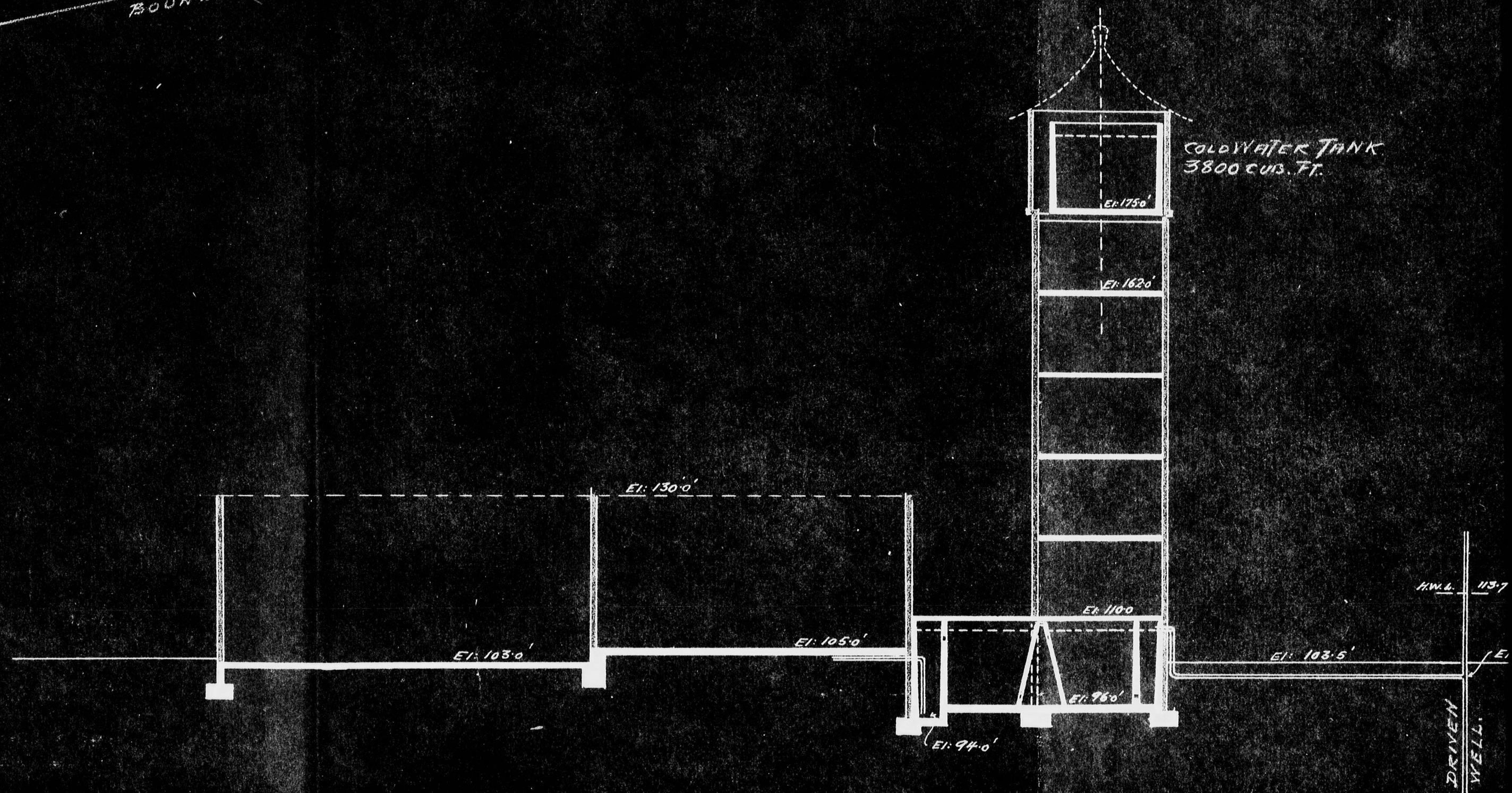
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	AS
DATE 5 Dec 23	



ROADWAY
BOUNDARY

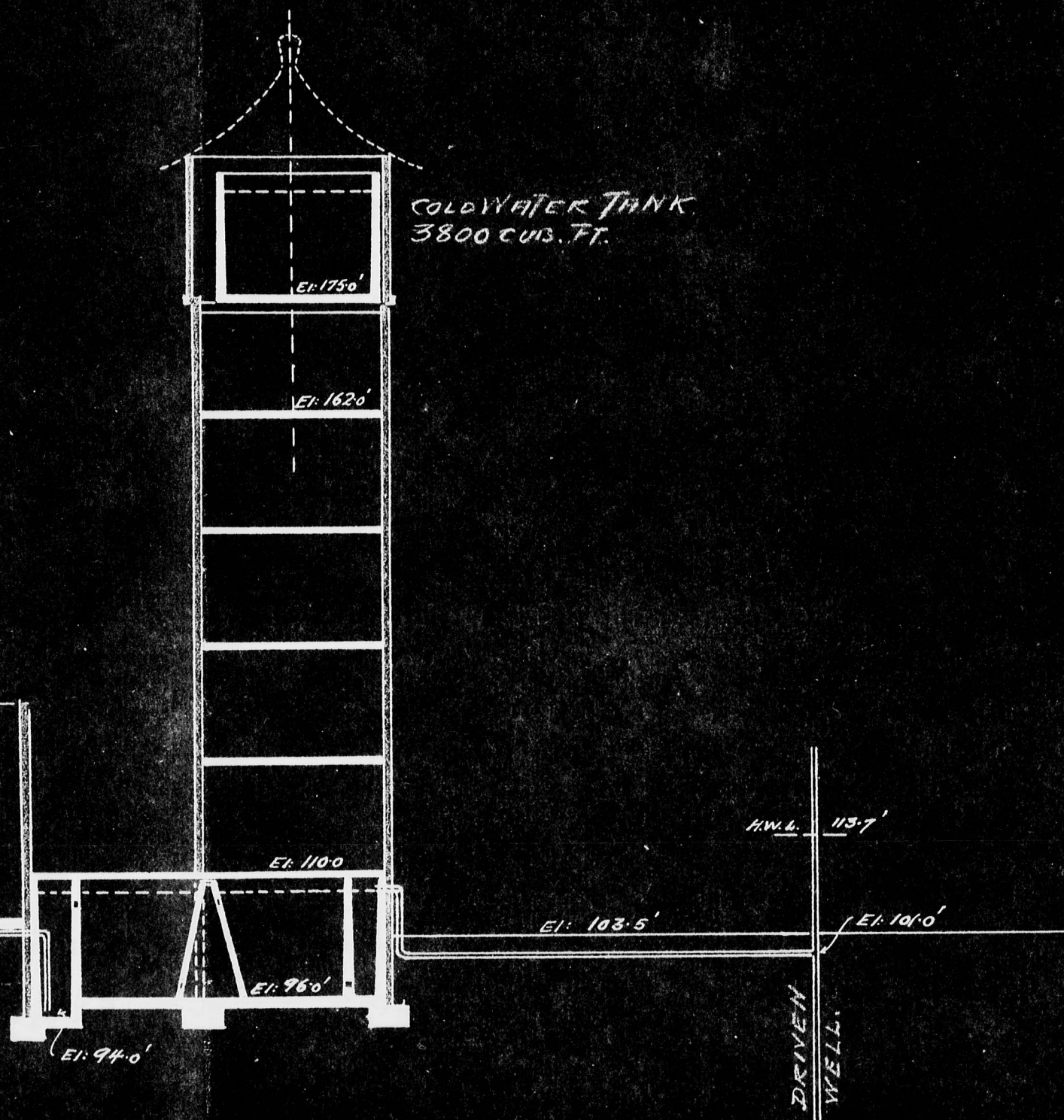


BOUNDARY
ROADWAY



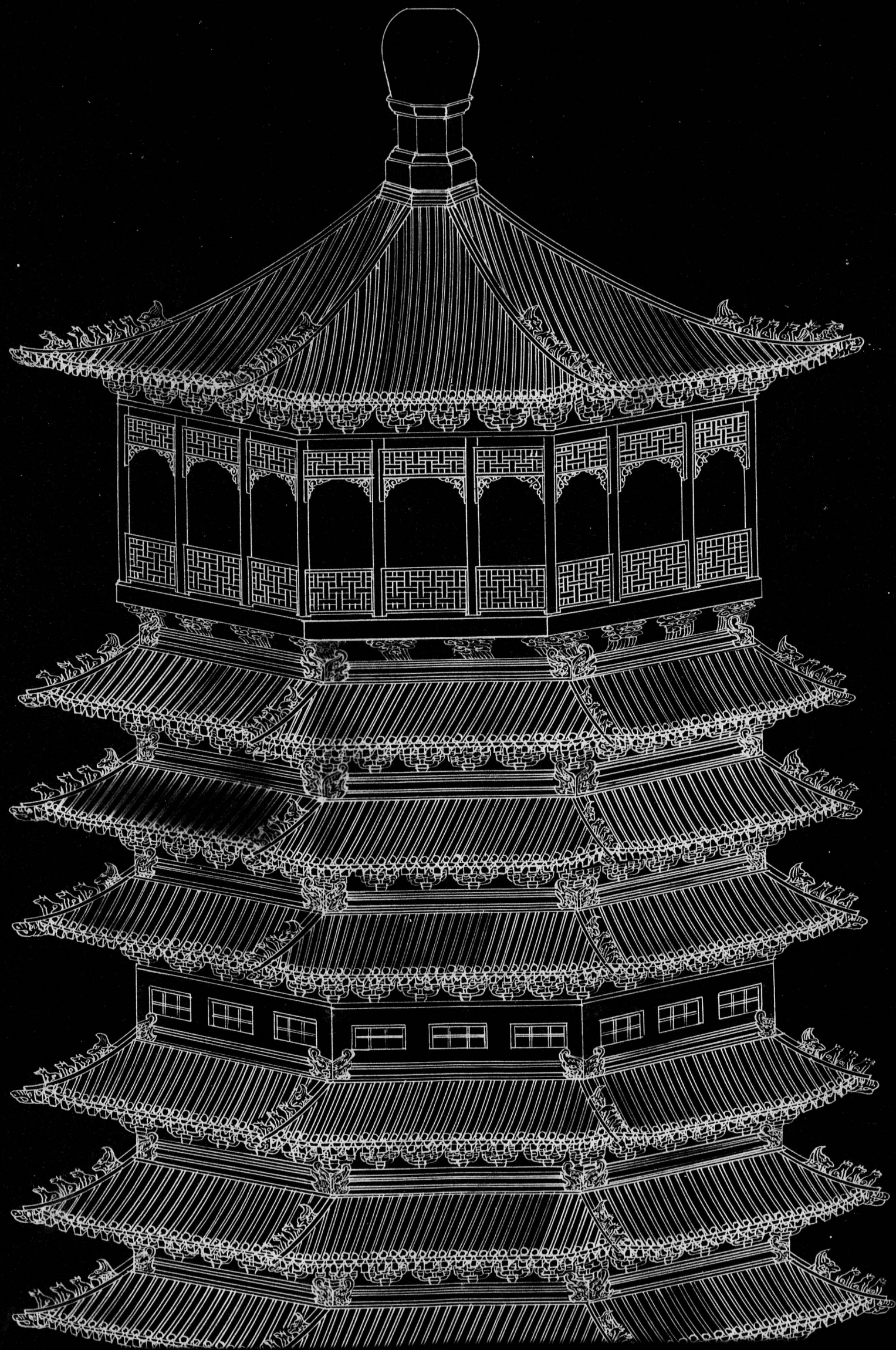
0470

OLDER.



北京燕京大學	PEKING UNIVERSITY PEKING, CHINA.	北京倫昌工程公司
	PROPOSED OUTLAY POWER STATION	
	COLD WATER TANKS, ETC.	
	LUND, GERNOW & CO. CONSULTING ENGINEERS PEKING.	

0471



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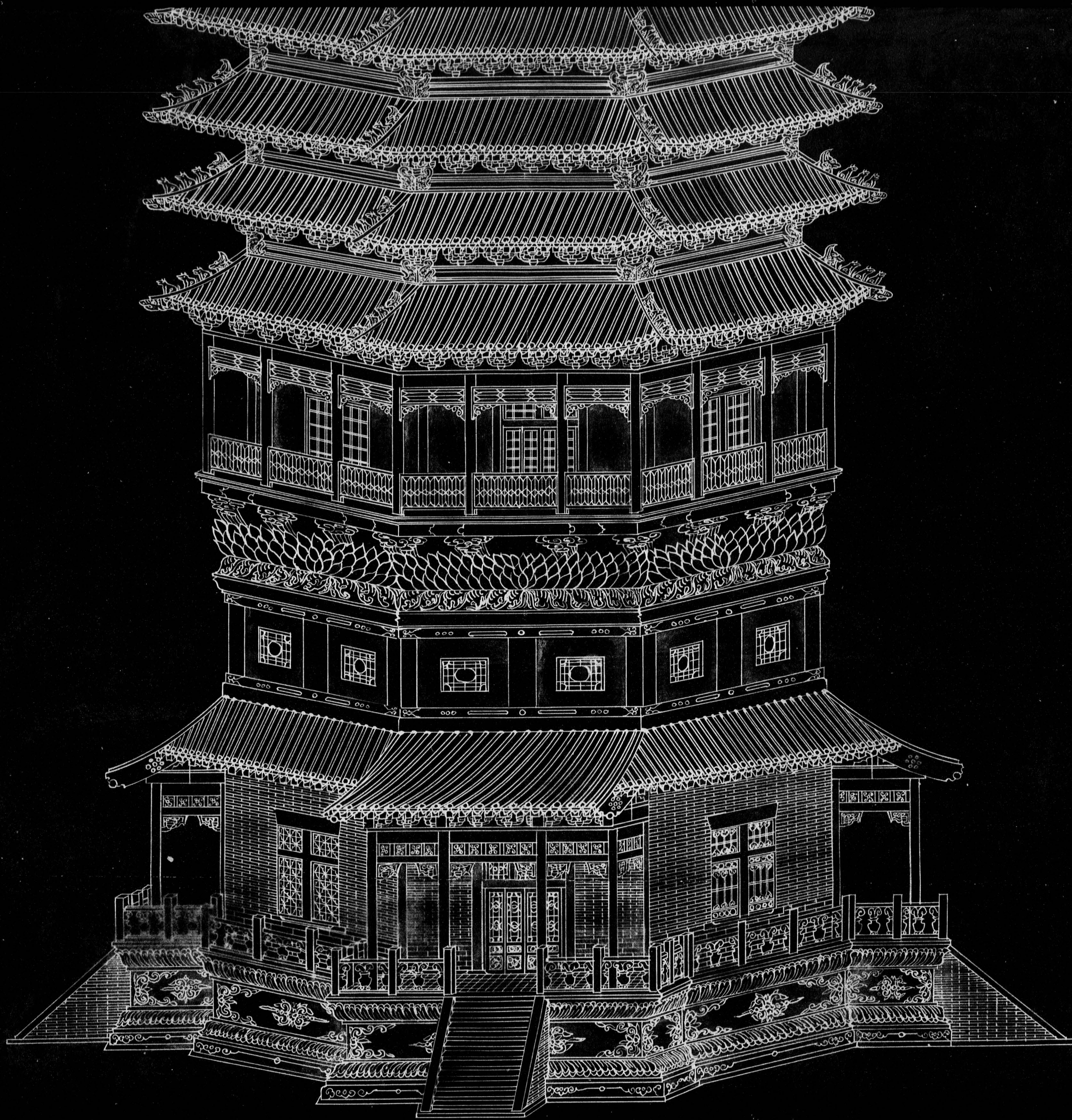
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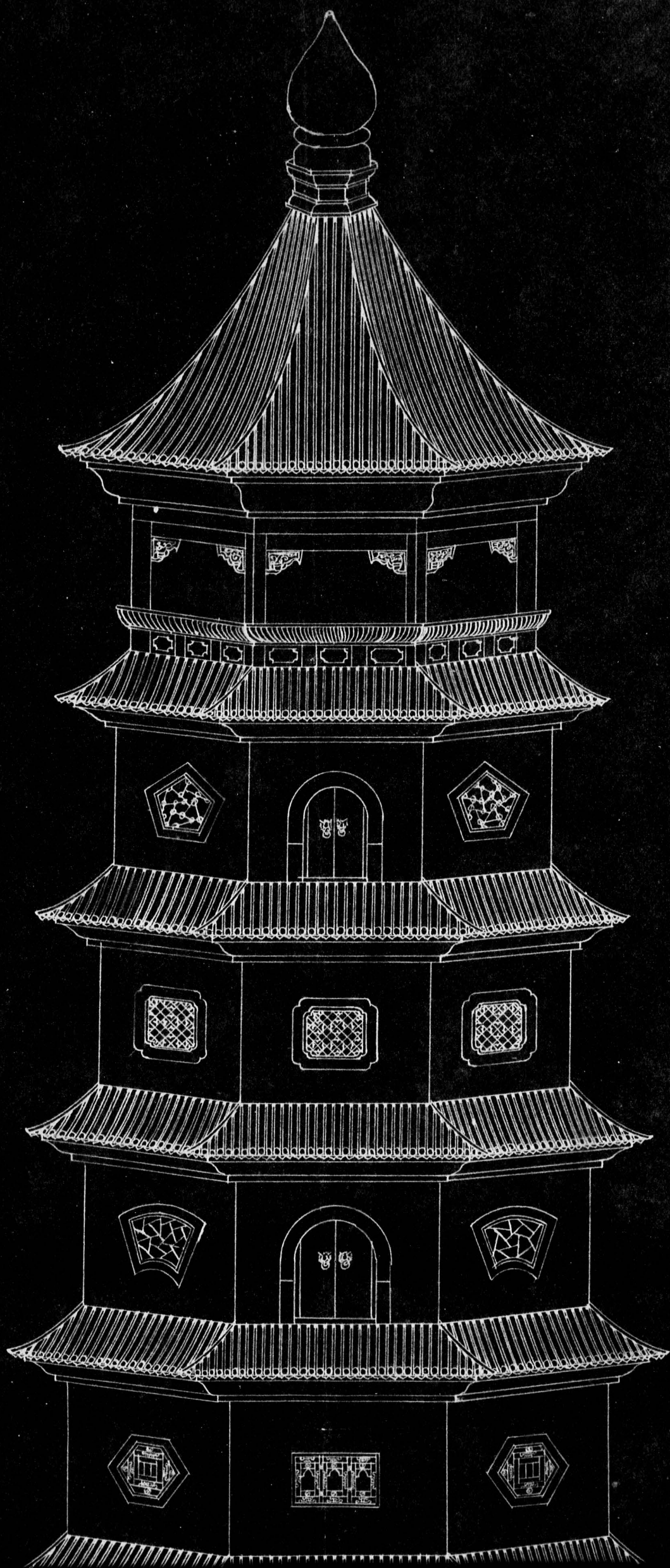
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0475

Pagoda Kater Tower - Peking University

0476



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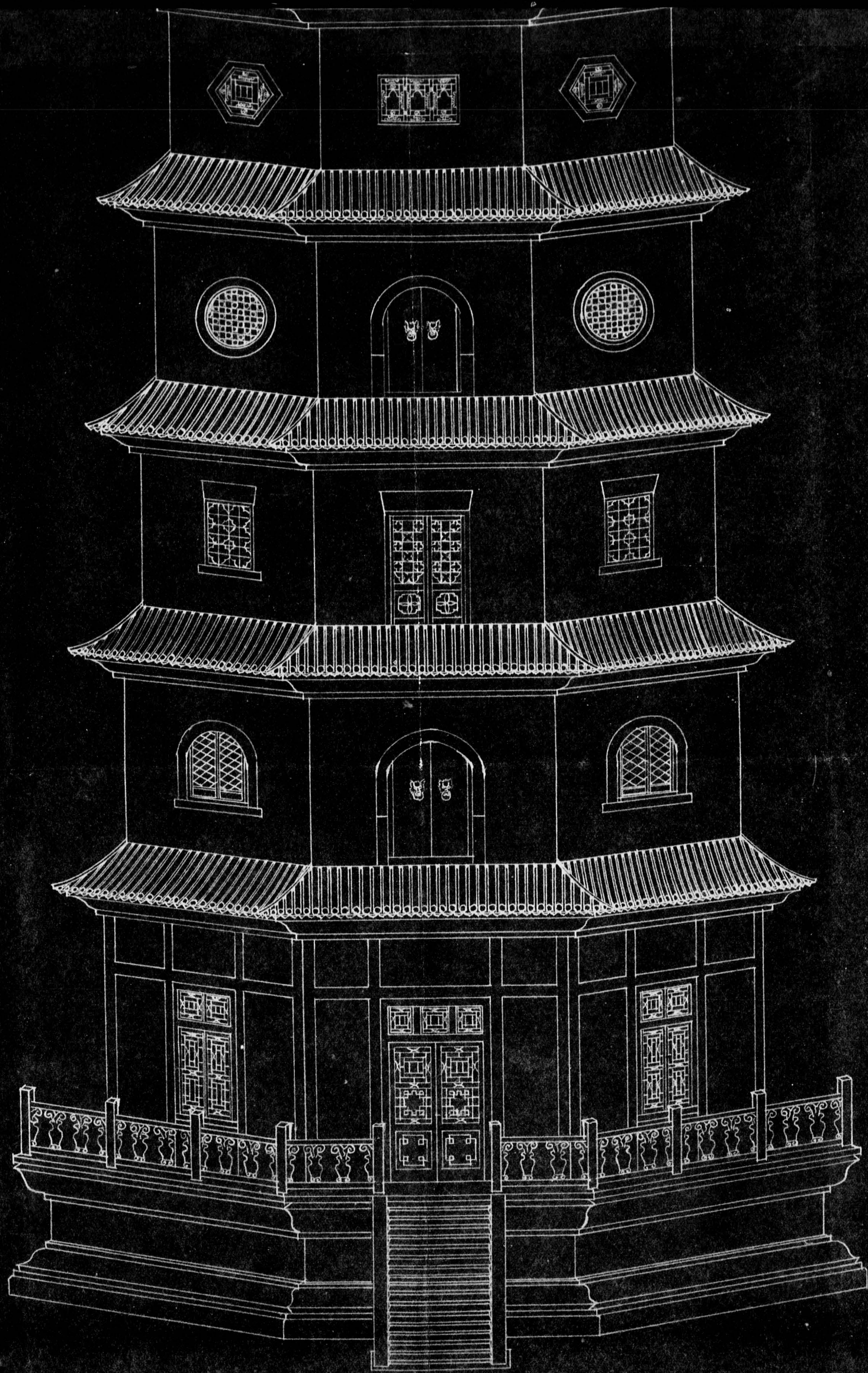
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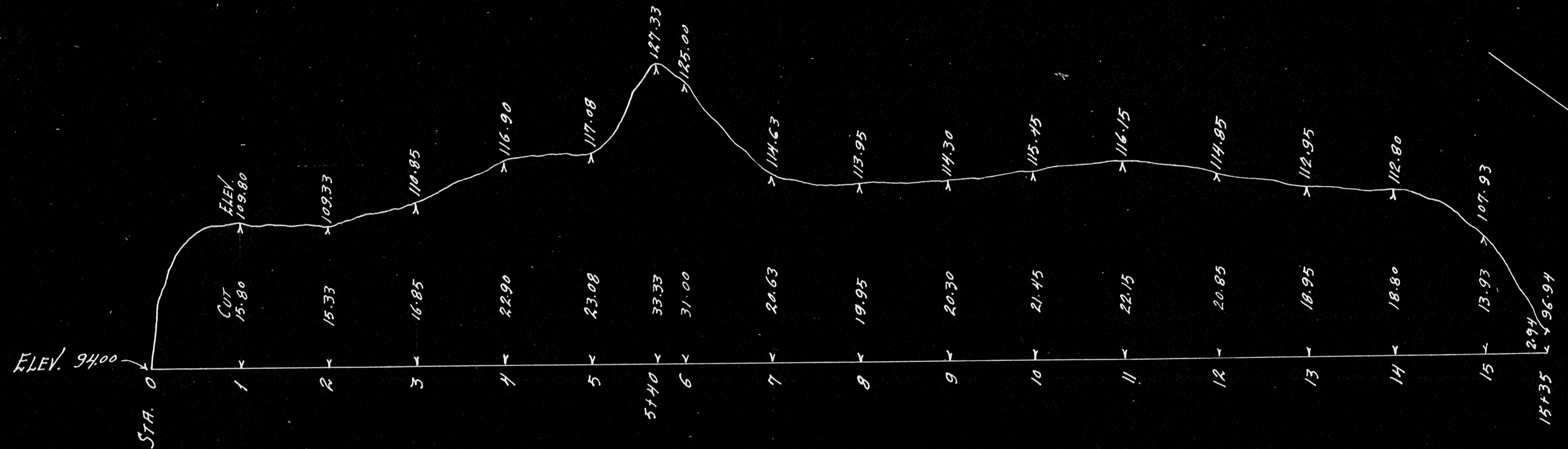
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JOINT OFFICE

0479

Pagoda Gates Tower - Peking University

0480

PROFILE OF PROPOSED WATERWAY BETWEEN MEN'S & WOMEN'S COLLEGES



HORIZONTAL SCALE 1" = 50'-0"

VERTICAL " 1" = 10'-0"

TWEEN MEN'S & WOMEN'S COLLEGES.



SECTION
SCALE $\frac{1}{8}'' = 1'-0''$

YENCHING UNIVERSITY
CONSTRUCTION BUREAU
MAY, 22, 1926.

RECEIVED
UNIVERSITIES
JUN 22 1966
JOINT OFFICE

0403

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Proposed Waterway

Yenching University - May 22, 1926

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