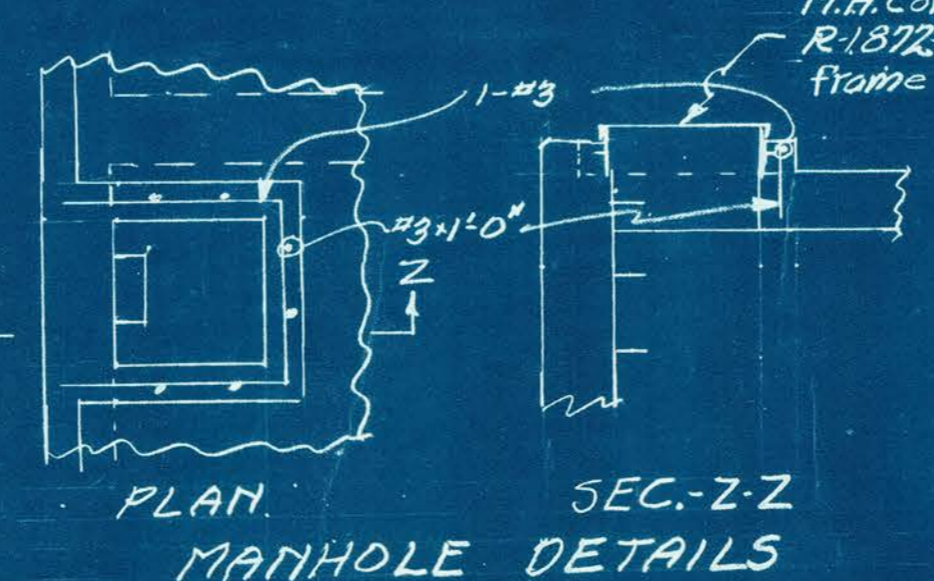
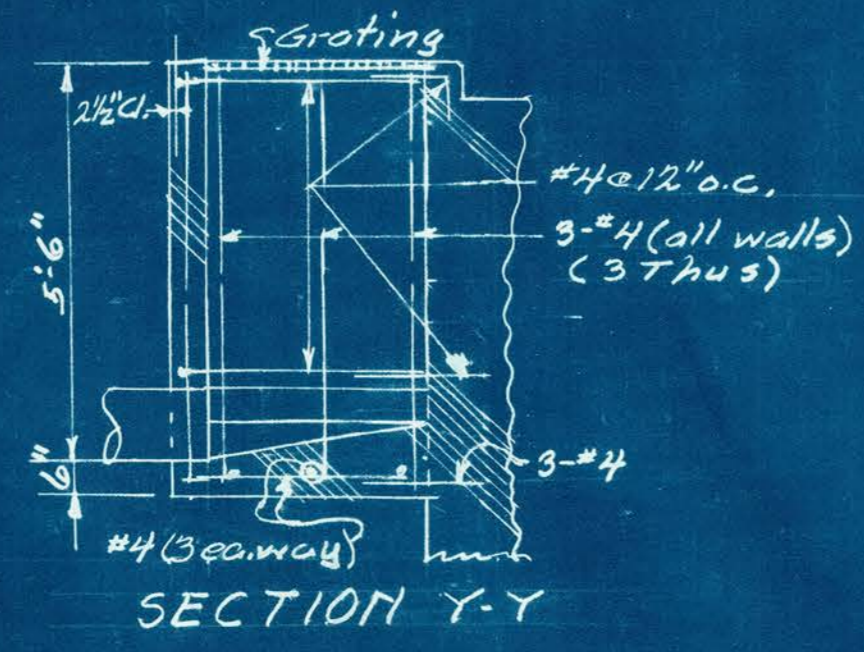
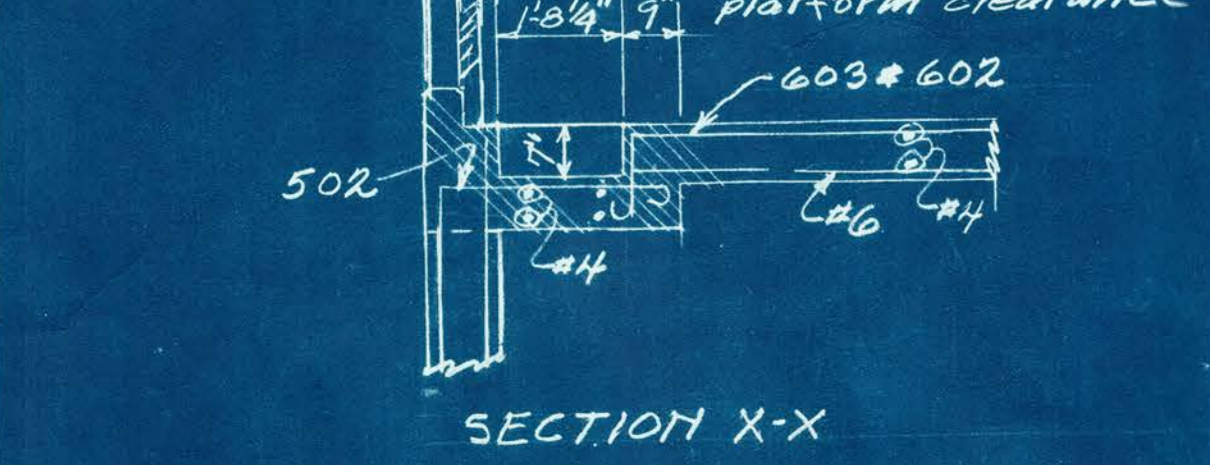
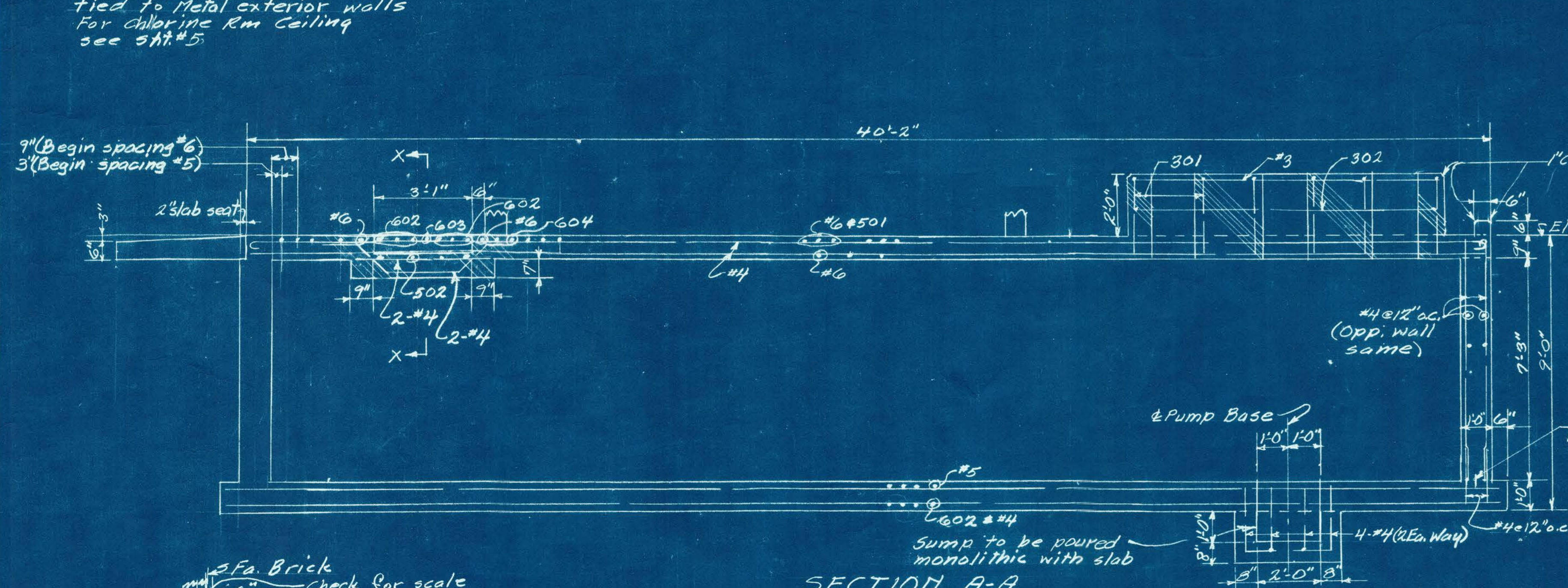
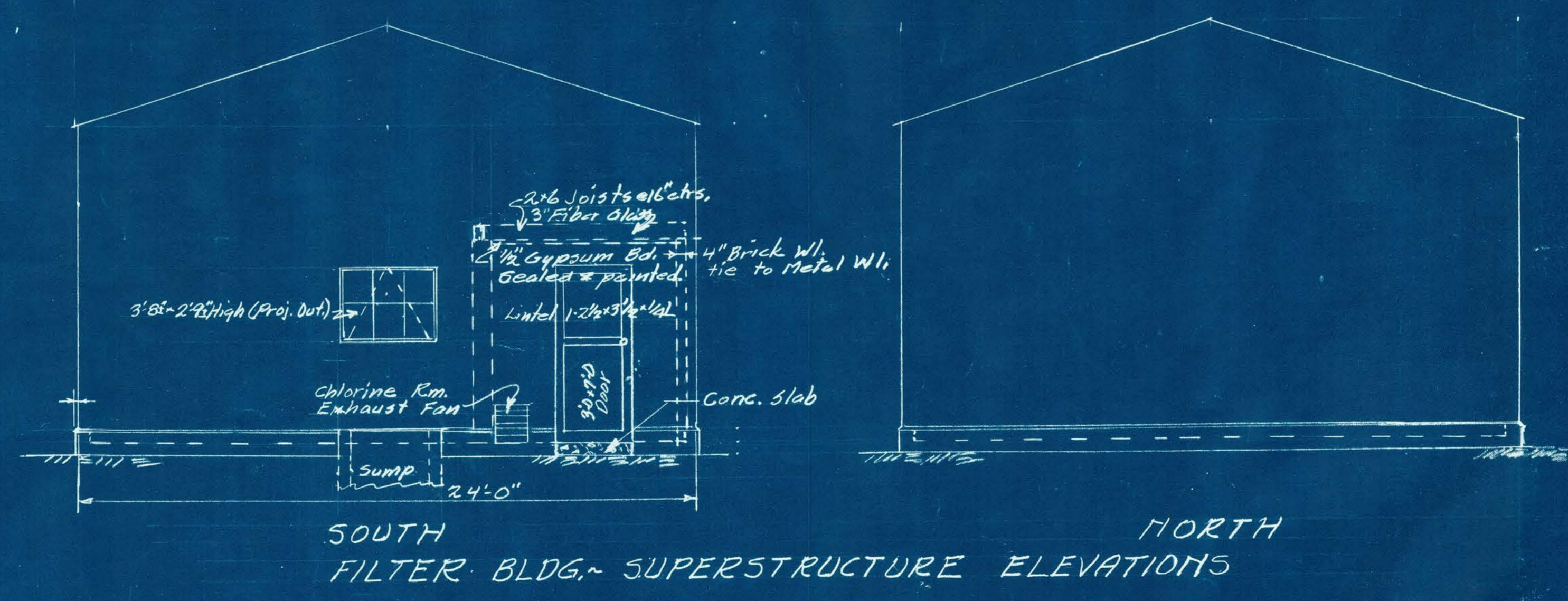
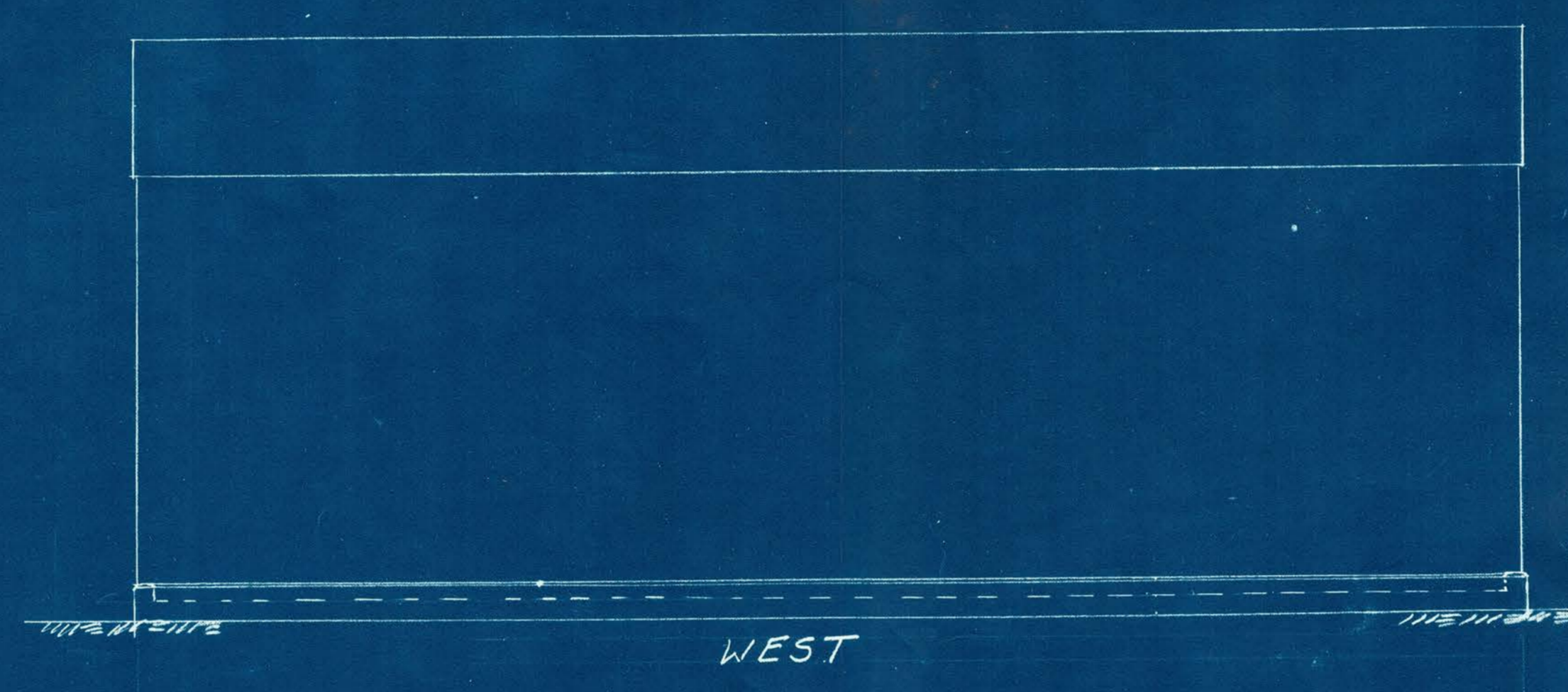
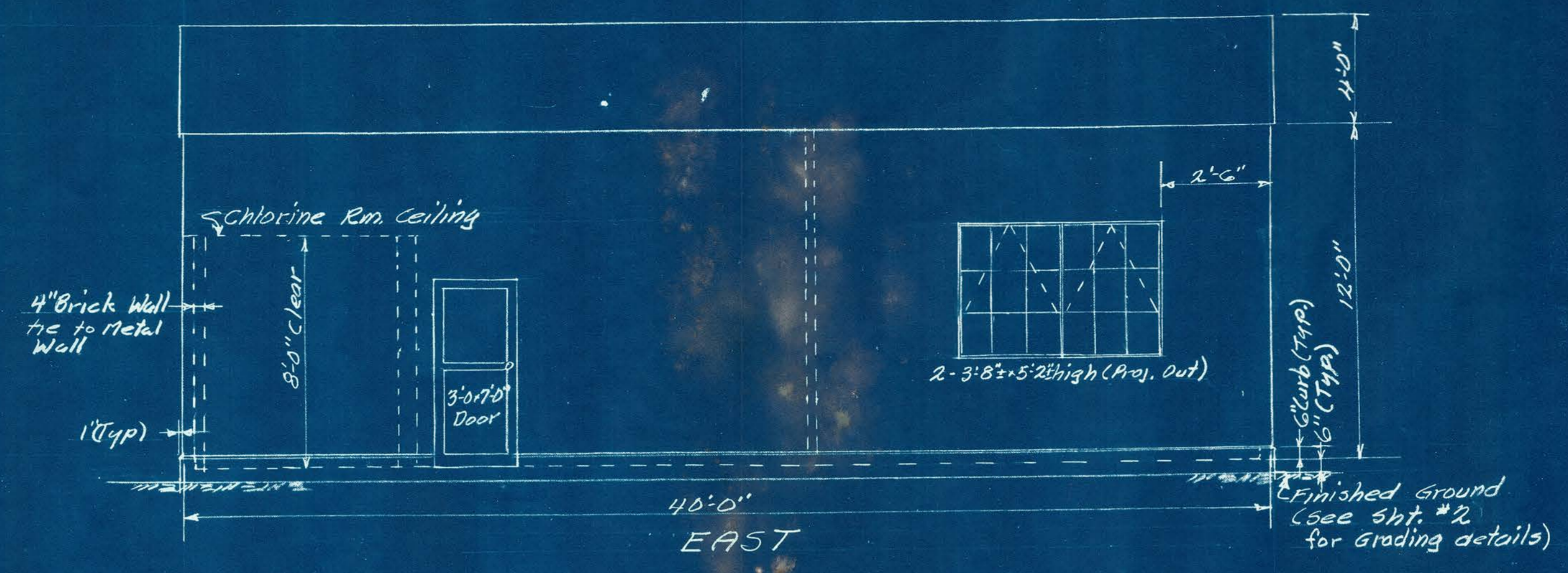
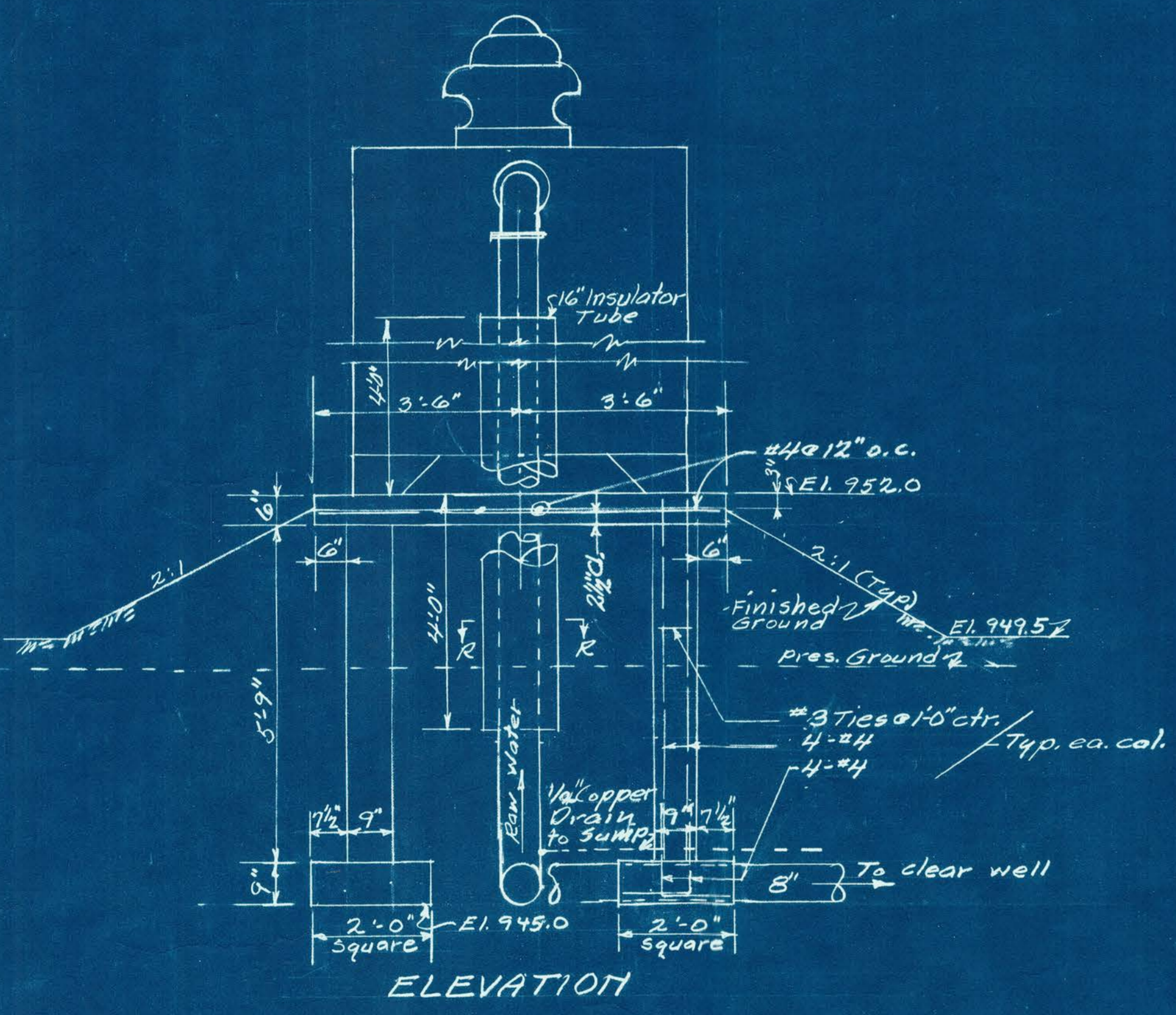
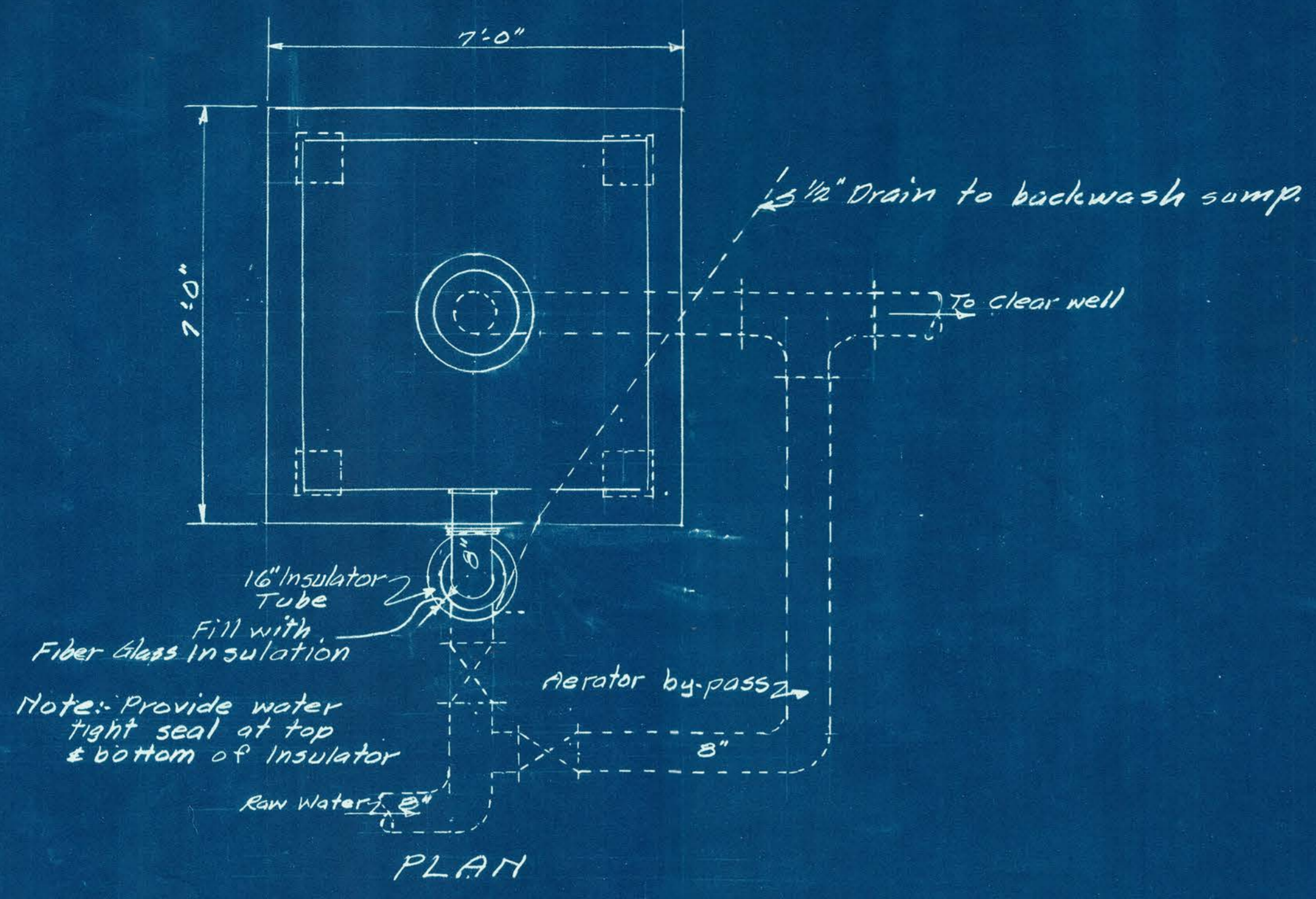


NOTES:- For size of openings, location of anchor bolts, and other pump base details see Mfr's certified drawings.  
 Verify scale pit dimensions shown with Mfr's certified drawings.  
 For openings required in floor and walls for drains, piping, and equipment see Sht. #4.  
 Size and location of openings and setting of wall castings to be determined in field and approved by owner.



DATE	BY	REVISION	SCALE
10-10-63	J.B. Wilson		3/8" = 1'-0"
5-16-63			(UNLESS NOTED)
	INDIANAPOLIS	INDIANA	SHEET 3
	SHERIDAN, INDIANA		OF 11
	FILTER PLANT		JOB NO. OR COMM. NO.
	HOOSIER WATER CO.		
	FILTER BUILDING		
	STRUCTURAL DETAILS		

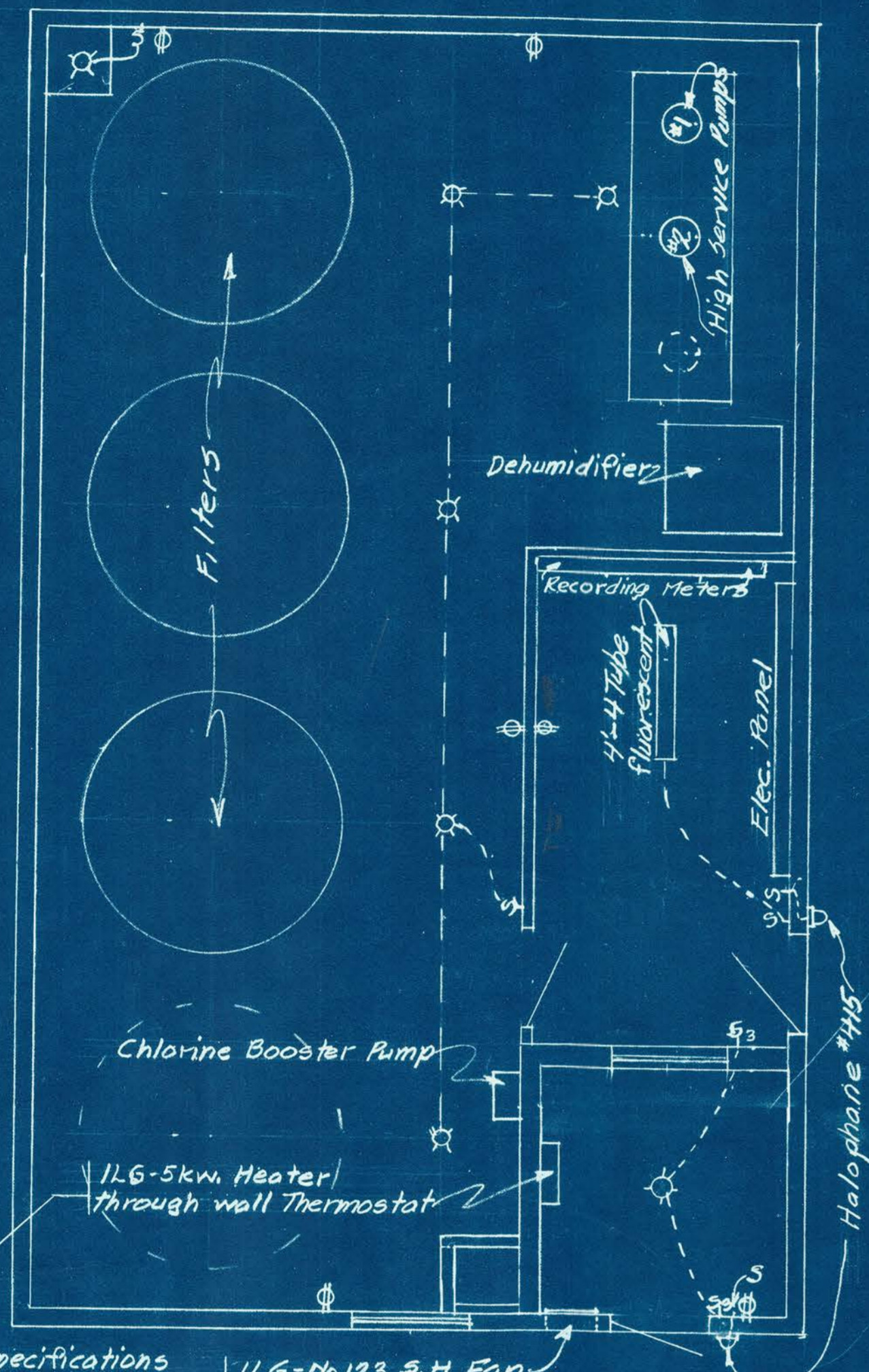
**PAGE 183-185 REDACTED DUE TO  
HOMELAND SECURITY CONCERNS**



DATE	BY	REVISION	SCALE
5-16-63	R.R.G.	J.B. WILSON & ASSOCIATES CONSULTING ENGINEERS	1/4" = 1'-0"
		INDIANAPOLIS INDIANA	SHEET 5
		SHERIDAN, INDIANA	OF 11
		FILTER PLANT	JOB NO. OR COMM. NO.
		HOOSIER WATER CO.	
		FILTER BUILDING ELEVATIONS & AERATOR DETAILS	

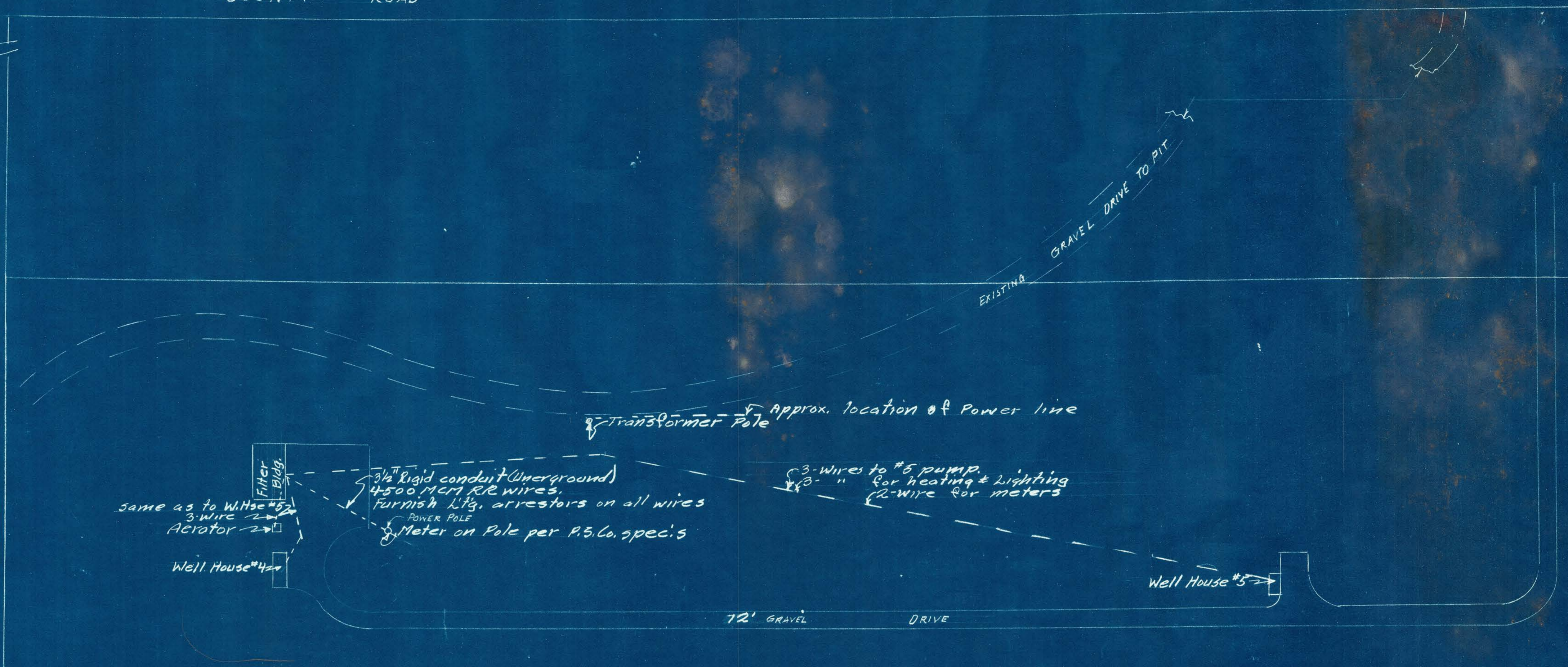
COUNTY ROAD

NOTE: Unless noted, all light fixtures shown are to be 100 watt RLM Dore porcelain

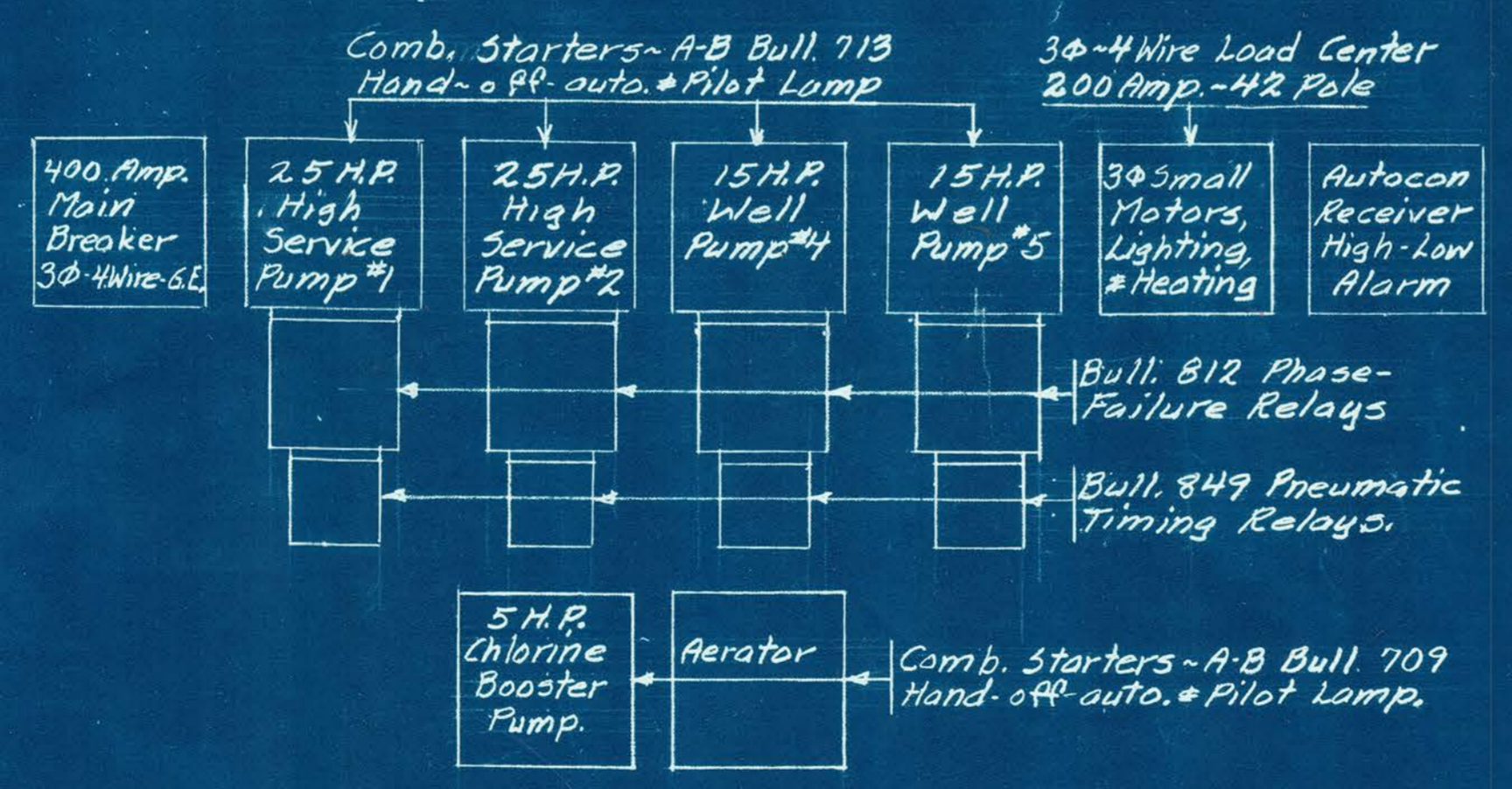


FILTER BLDG. - ELEC. DETAILS  
Scale: 1/4" = 1'-0"

See specifications for additional information



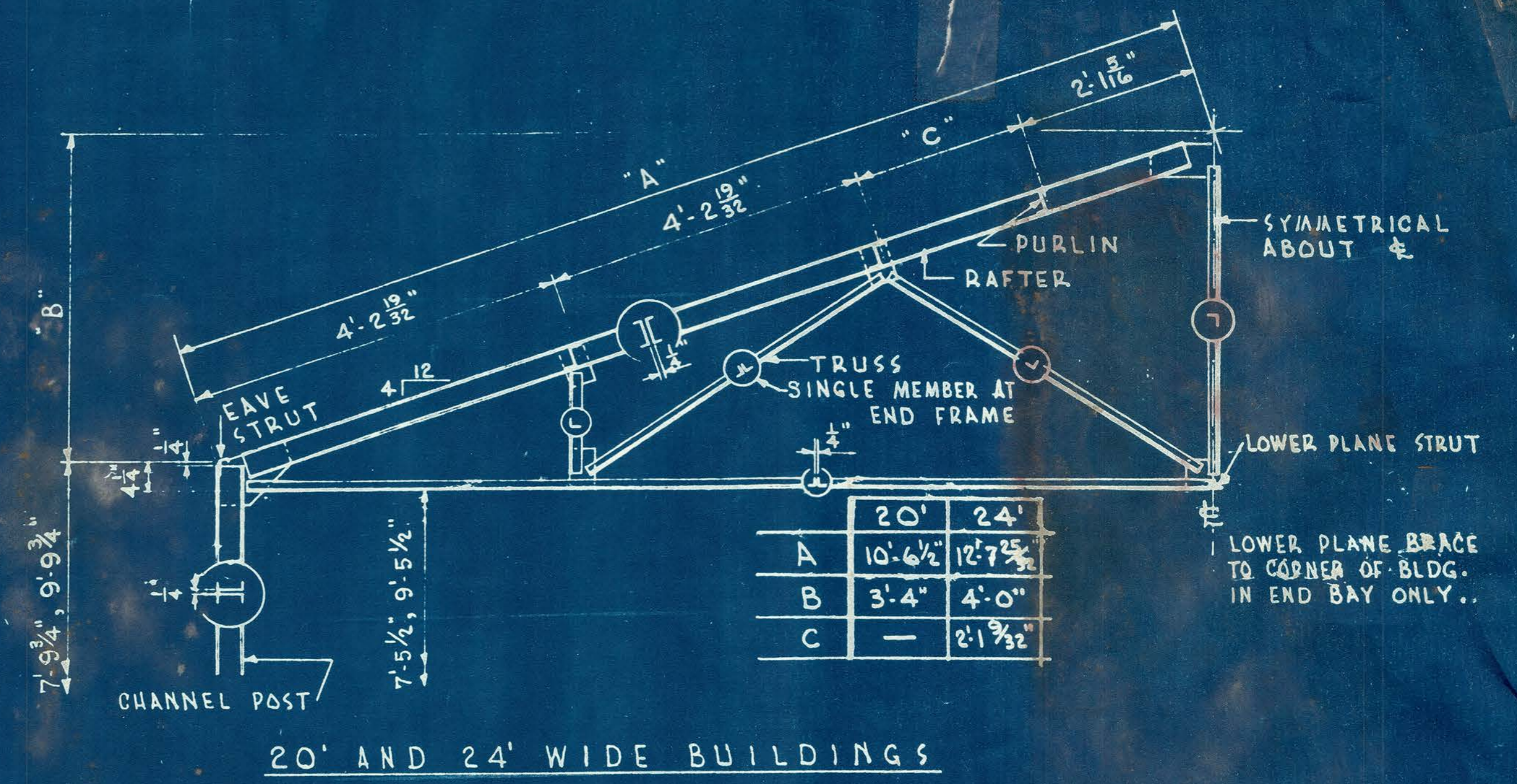
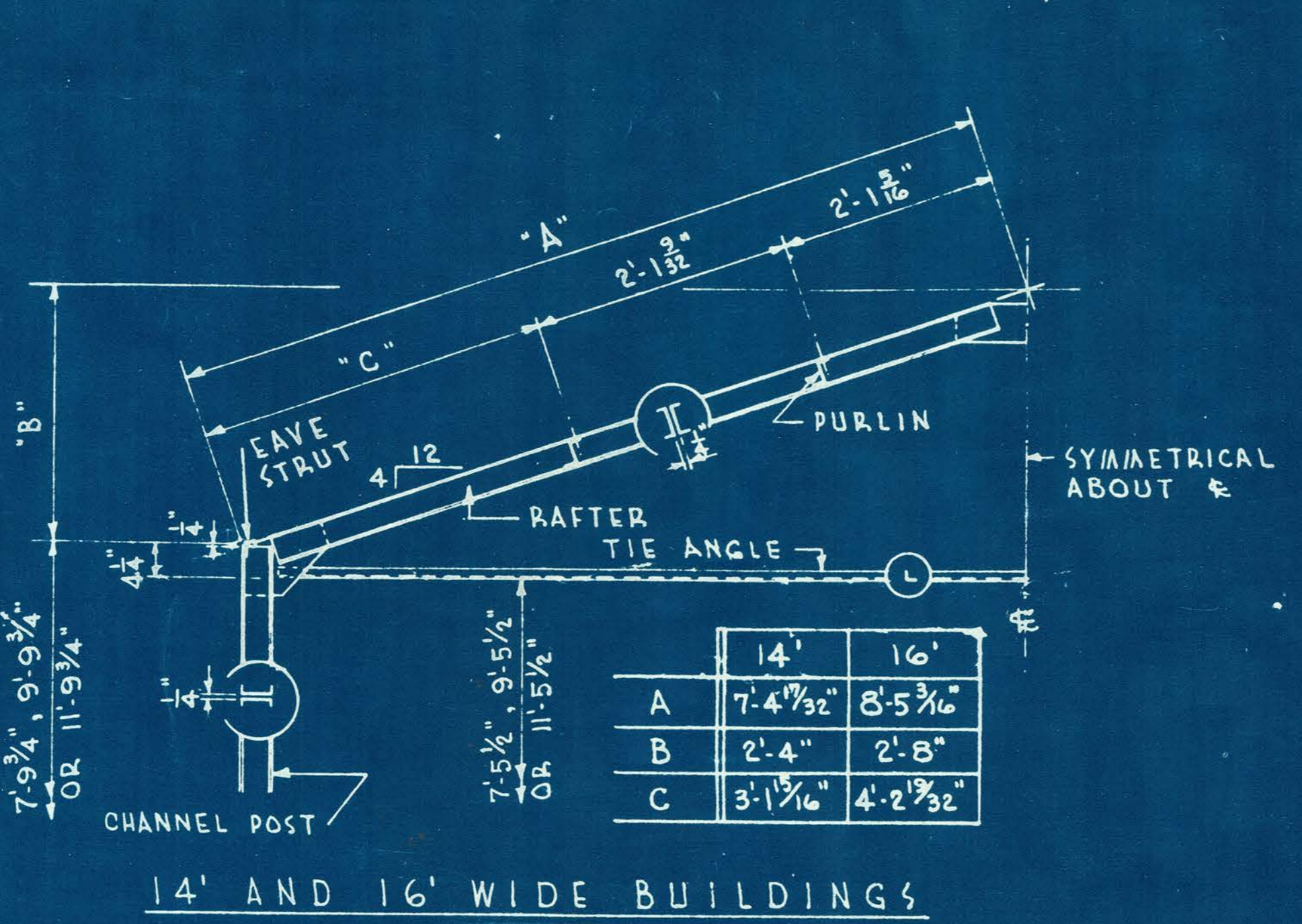
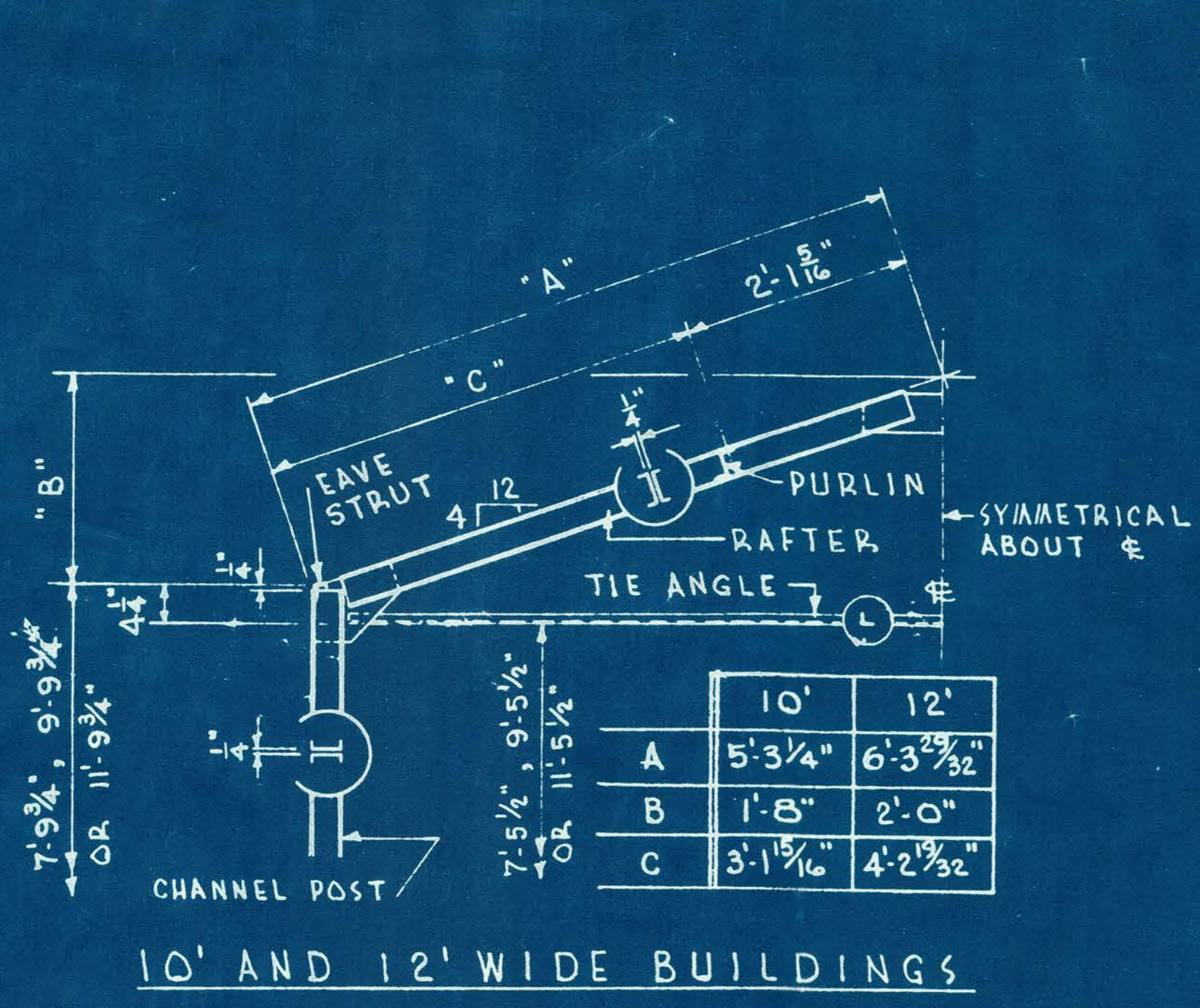
PLOT PLAN



ELECTRICAL SERVICE PANEL

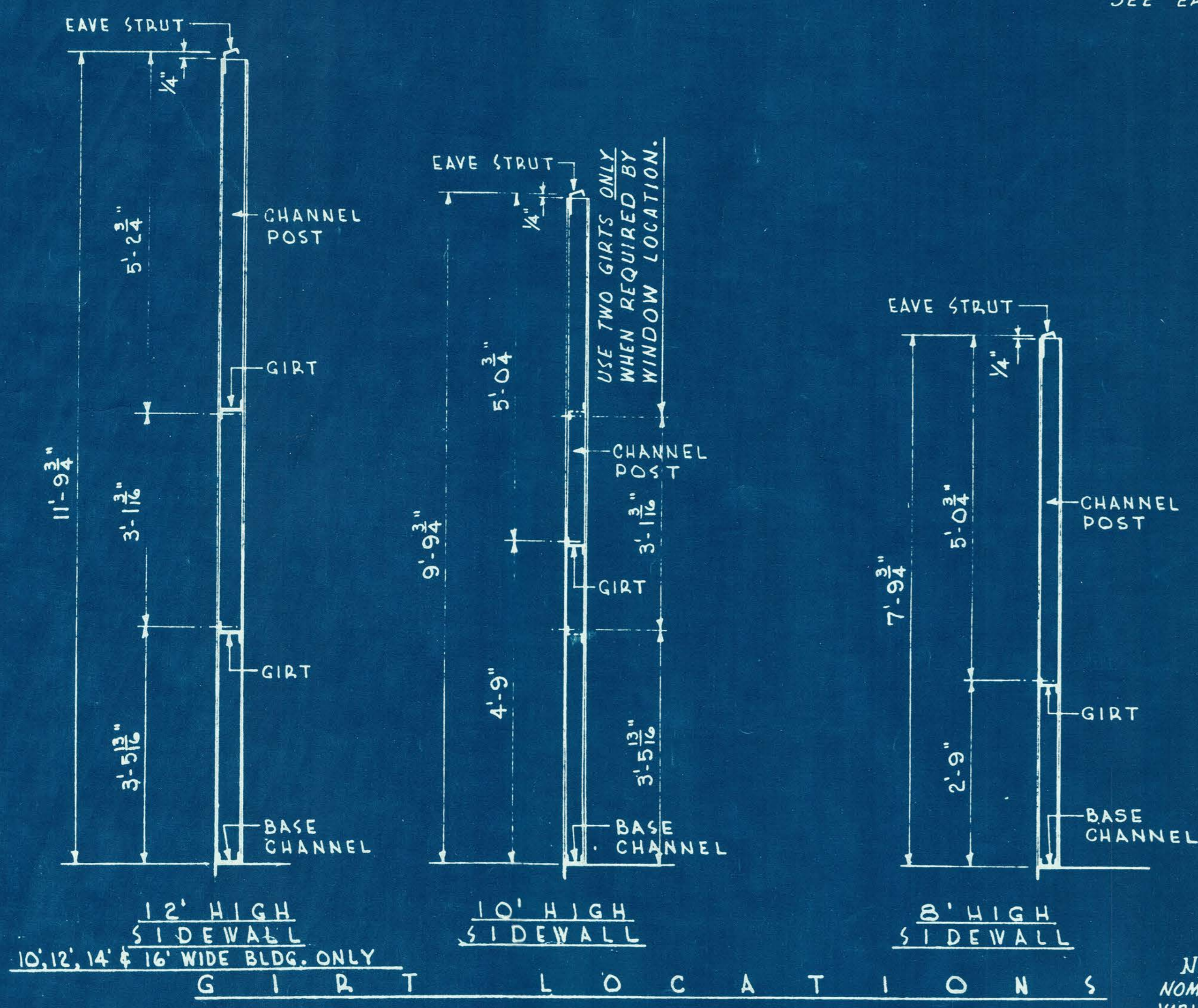
EAST STREET

5-1663 R.R. 6 Service Panel & Filter Bldg. elec.		REVISION	
DATE	BY	REVISION	
DATE	BY	REVISION	
DATE	BY	REVISION	
DRAWN BY: P.W.B.		SCALE: 1/2" = 50'	
DATE: 3-27-63		UNLESS NOTED	
TRACED BY:	INDIANAPOLIS	INDIANA	SHEET 6
DATE:	SHERIDAN, INDIANA		OF 11
CHECKED BY:	FILTER PLANT		JOB NO. OR COMM. NO.
DATE:	HOOSIER WATER CO.		
ELECTRICAL DETAILS			

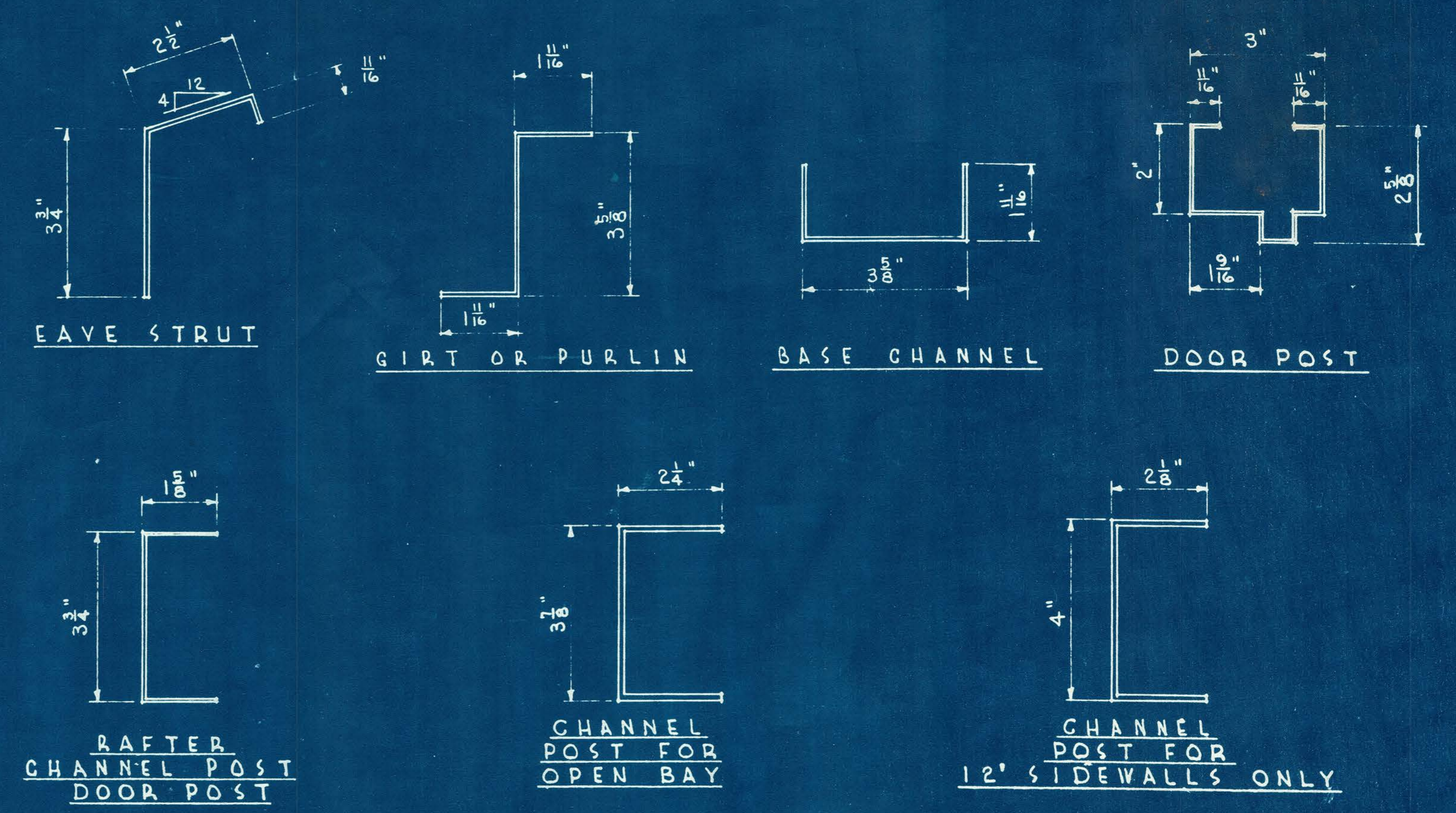


P U R L I N L O C A T I O N S

NOTE: BUILDINGS 4', 6' AND 8' WIDE DO NOT REQUIRE PURLINS.  
SEE ERECTION DRAWINGS FOR RAFTERS & KNEE BRACE LOCATION.



G I R T L O C A T I O N S



S T R U C T U R A L S

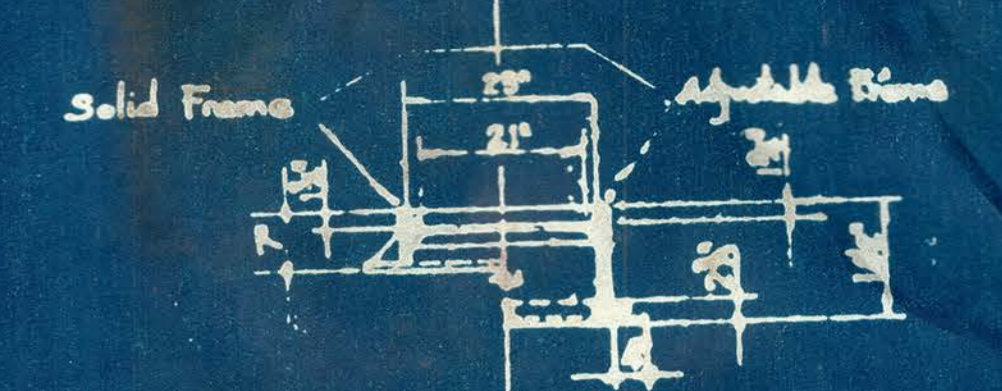
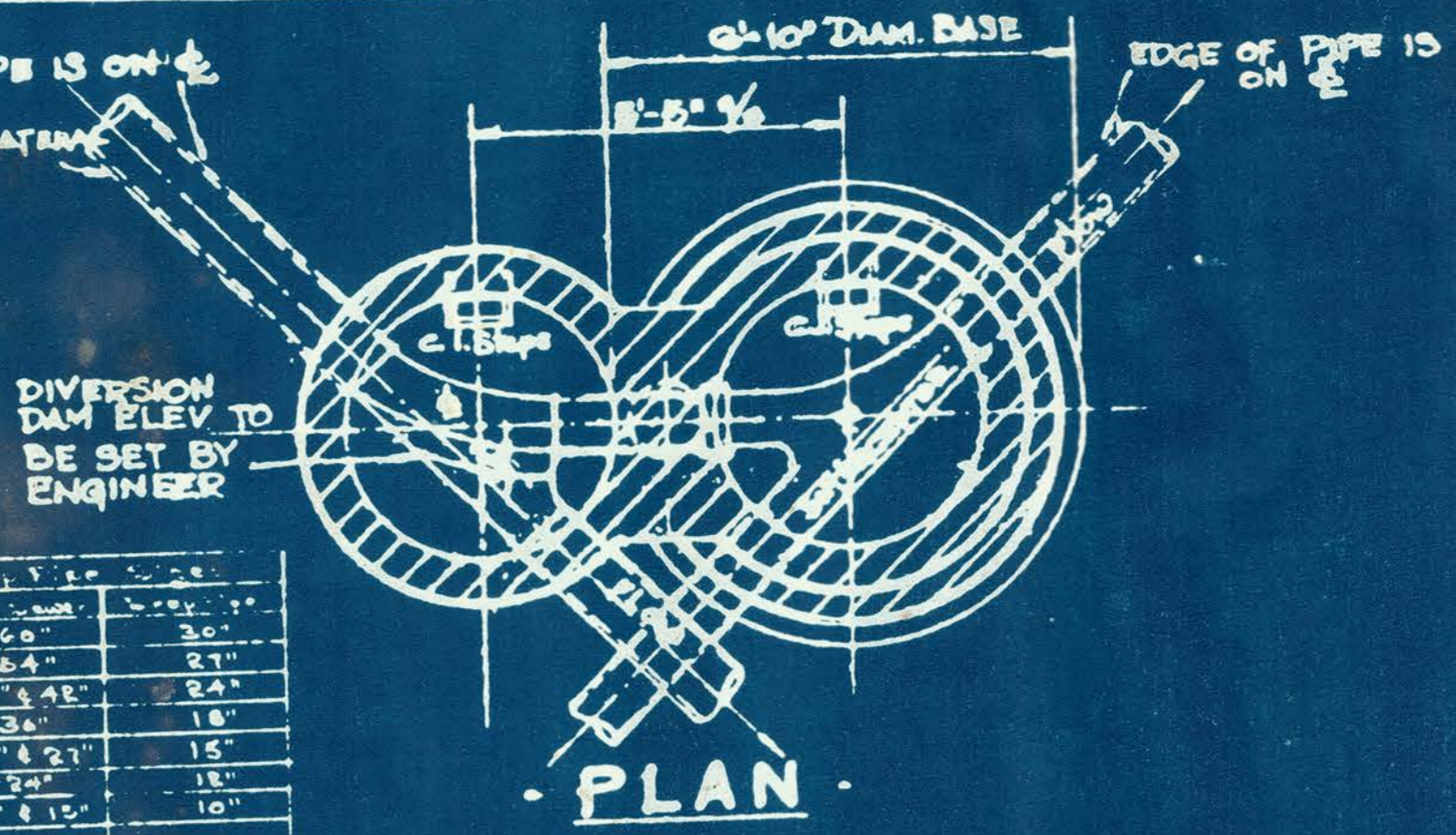
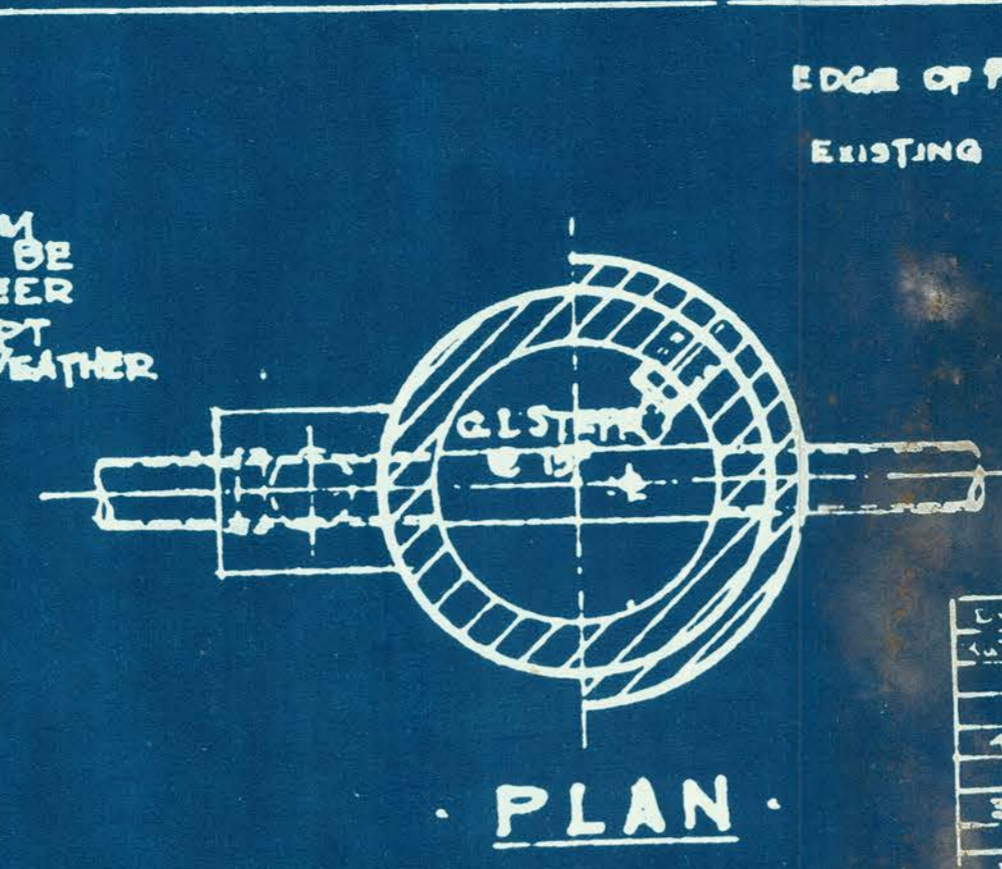
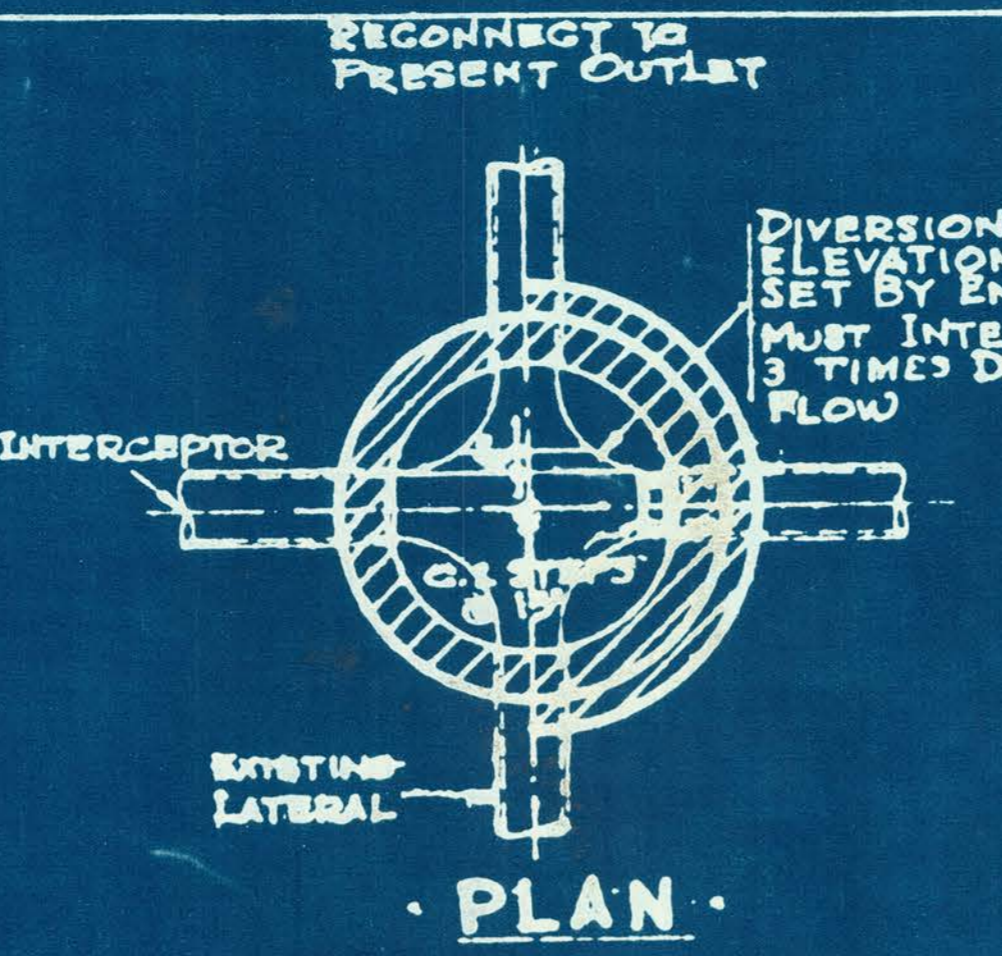
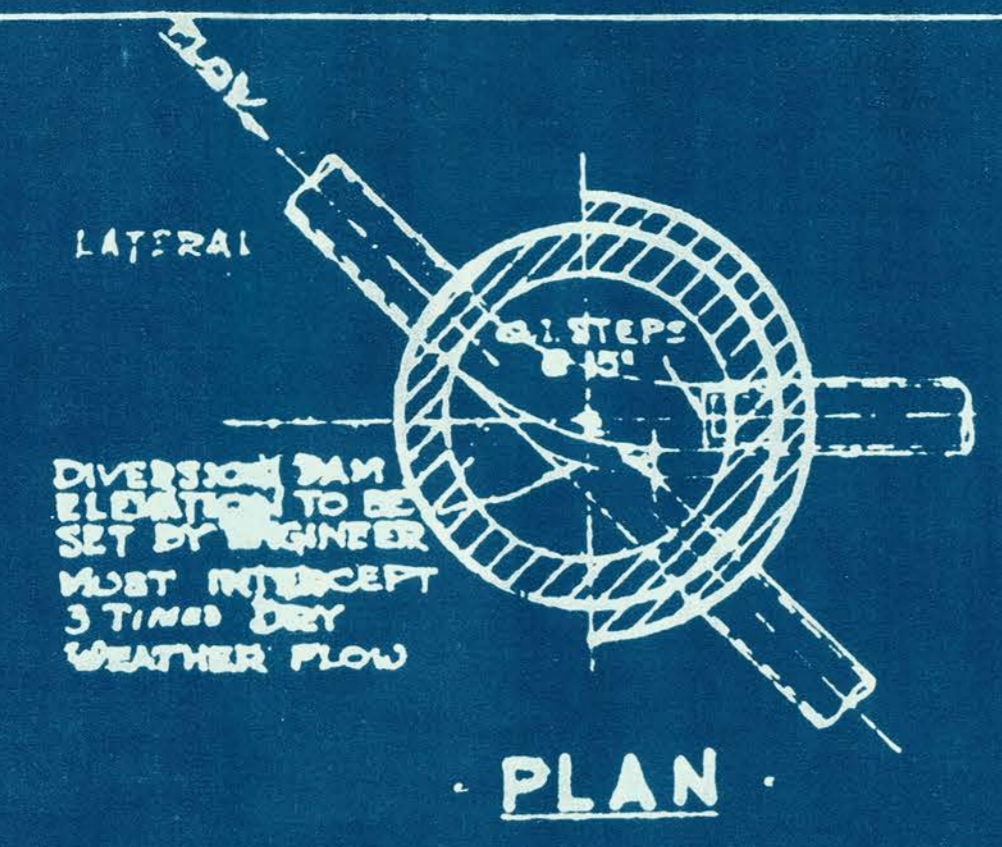
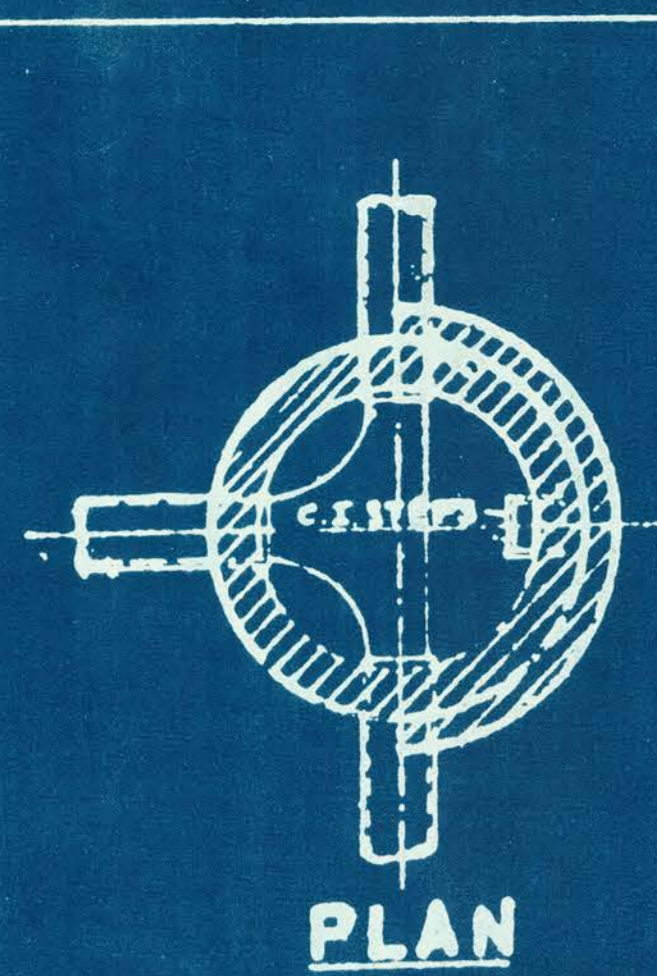
NOTE: ALL DIMENSIONS ARE NOMINAL AND ARE SUBJECT TO VARIATIONS WITHIN LIMITS OF MANUFACTURER'S TOLERANCE.

NO.	REVISION	DATE	DRN.	APP.	NO.	REVISION	DATE	DRN.	APP.
1					5				
2					6				
3					7				
4					8				

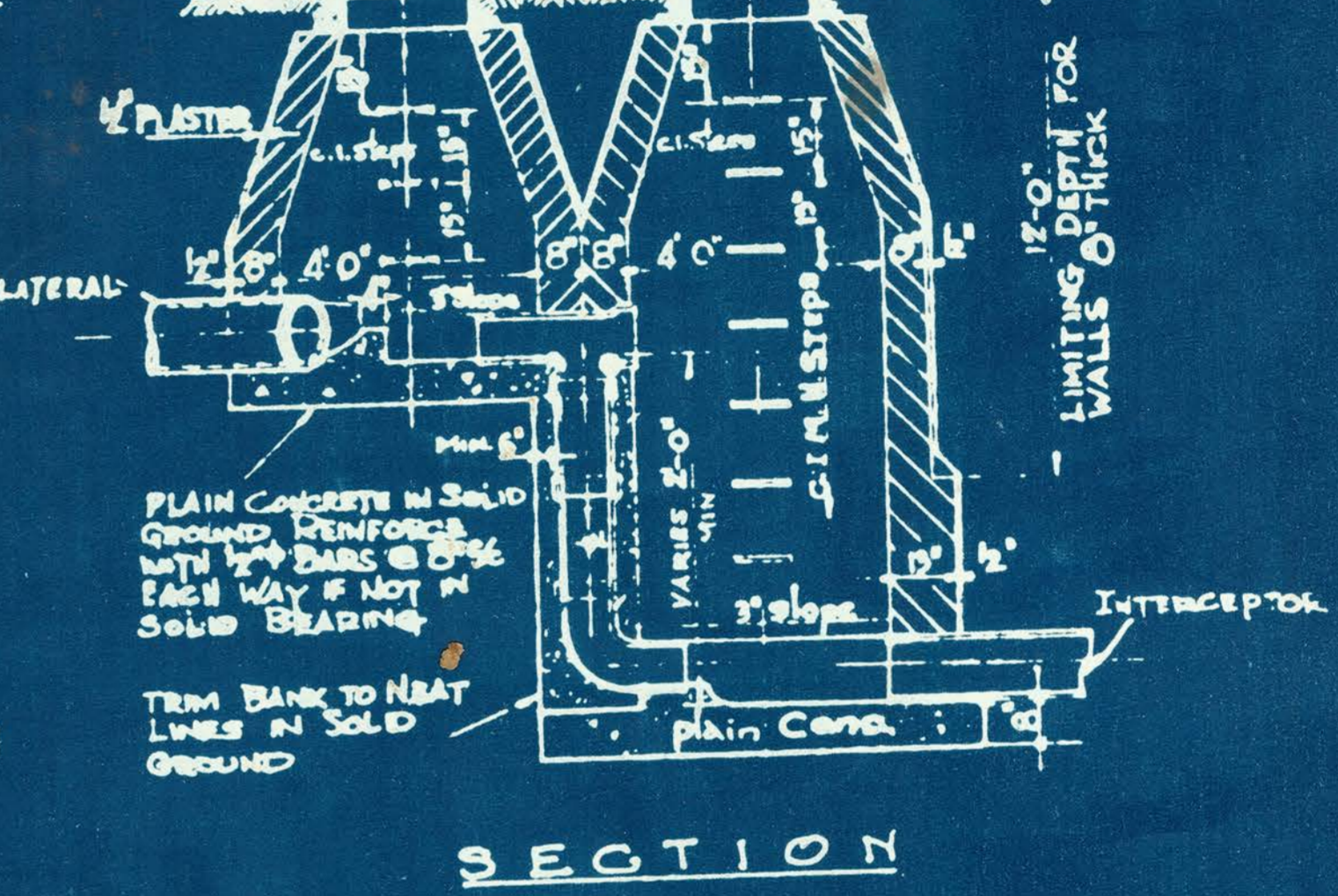
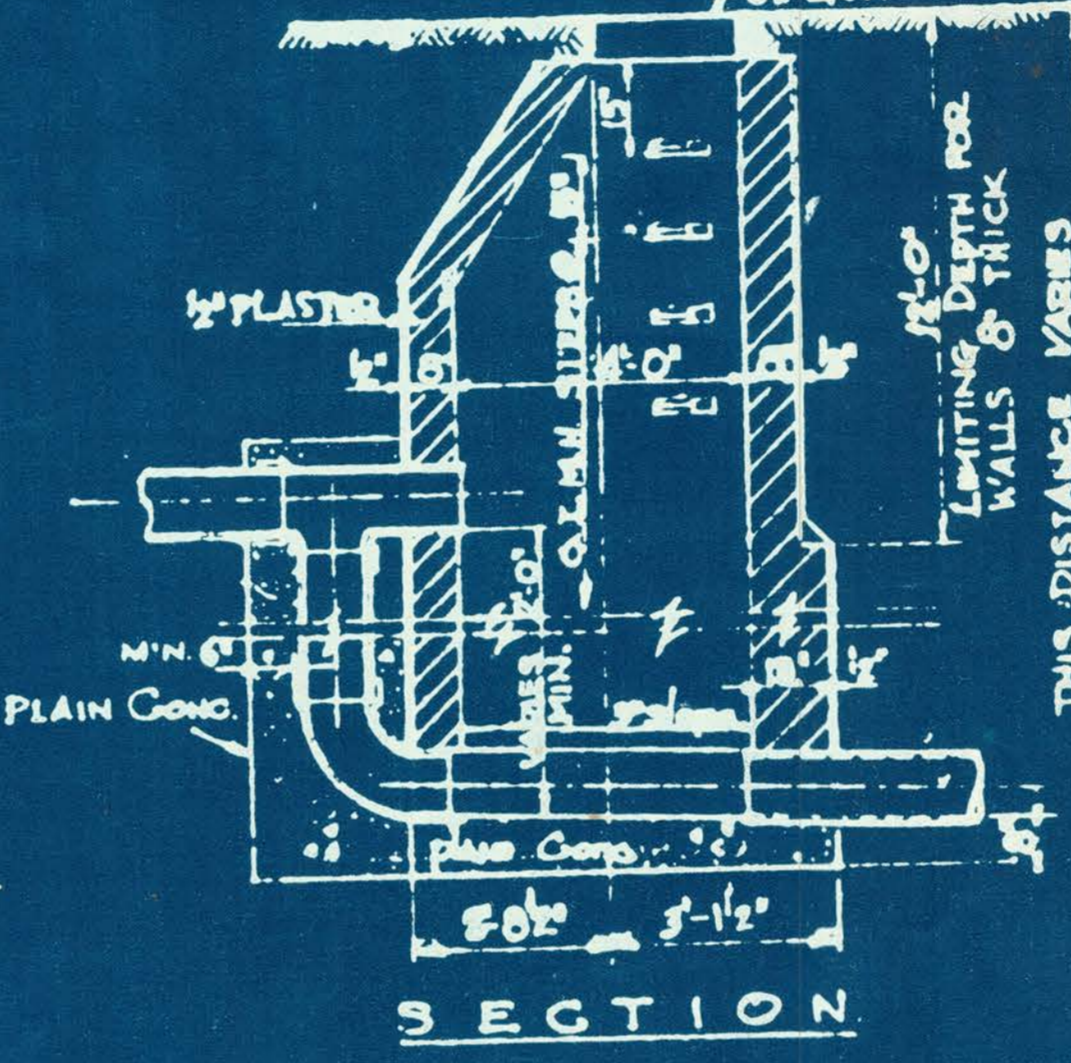
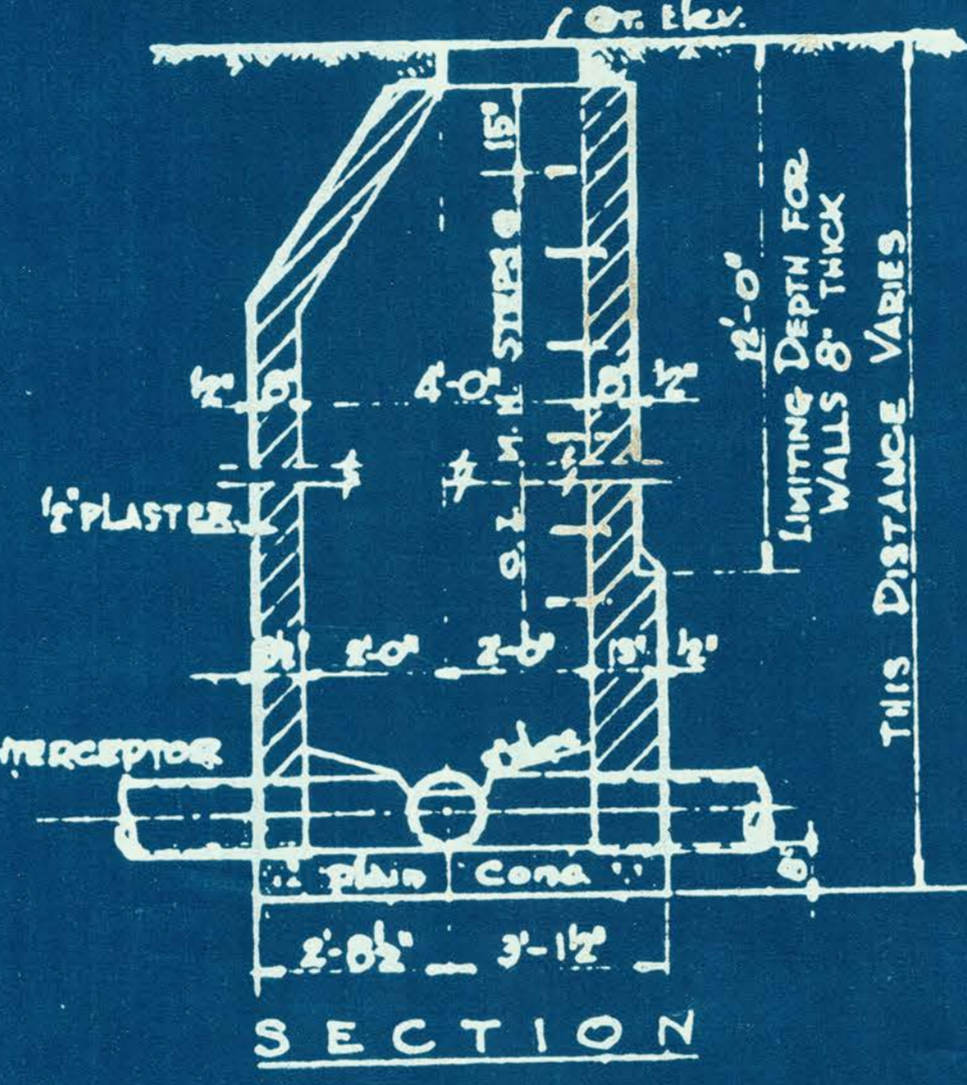
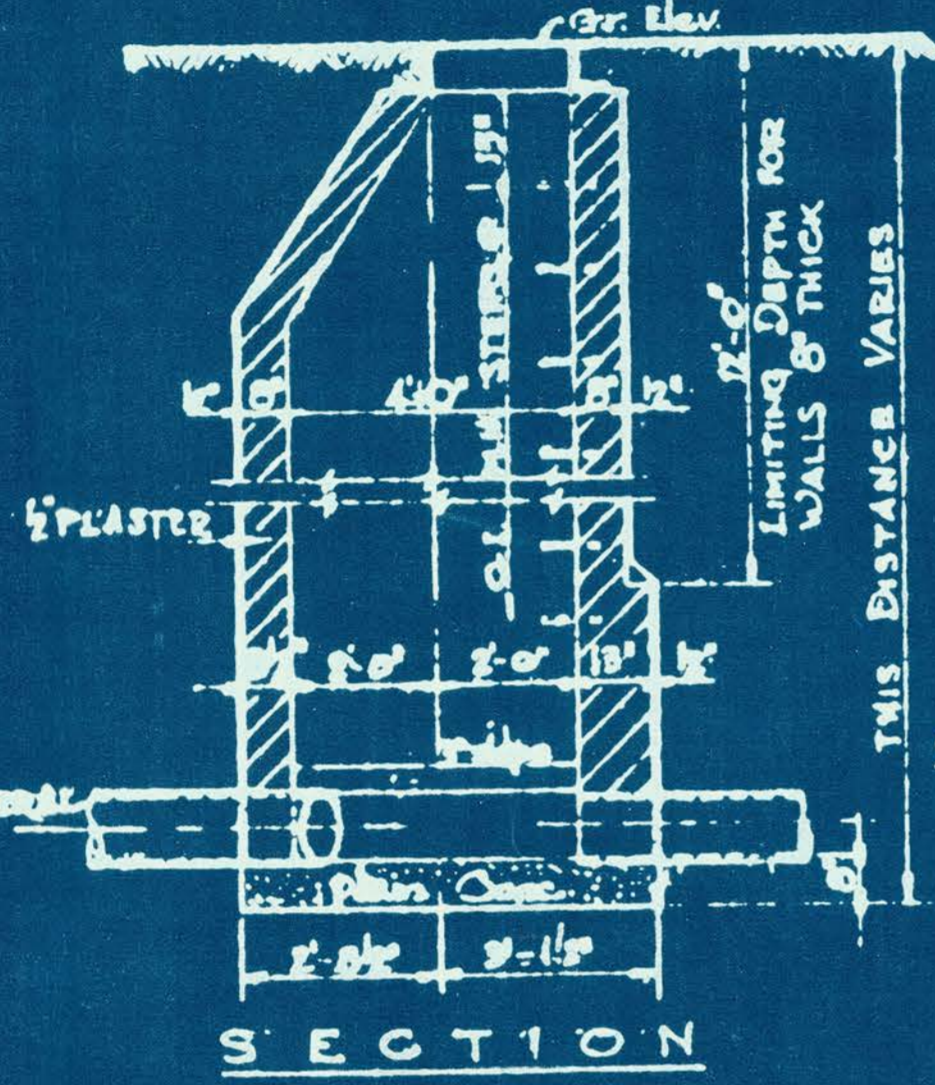
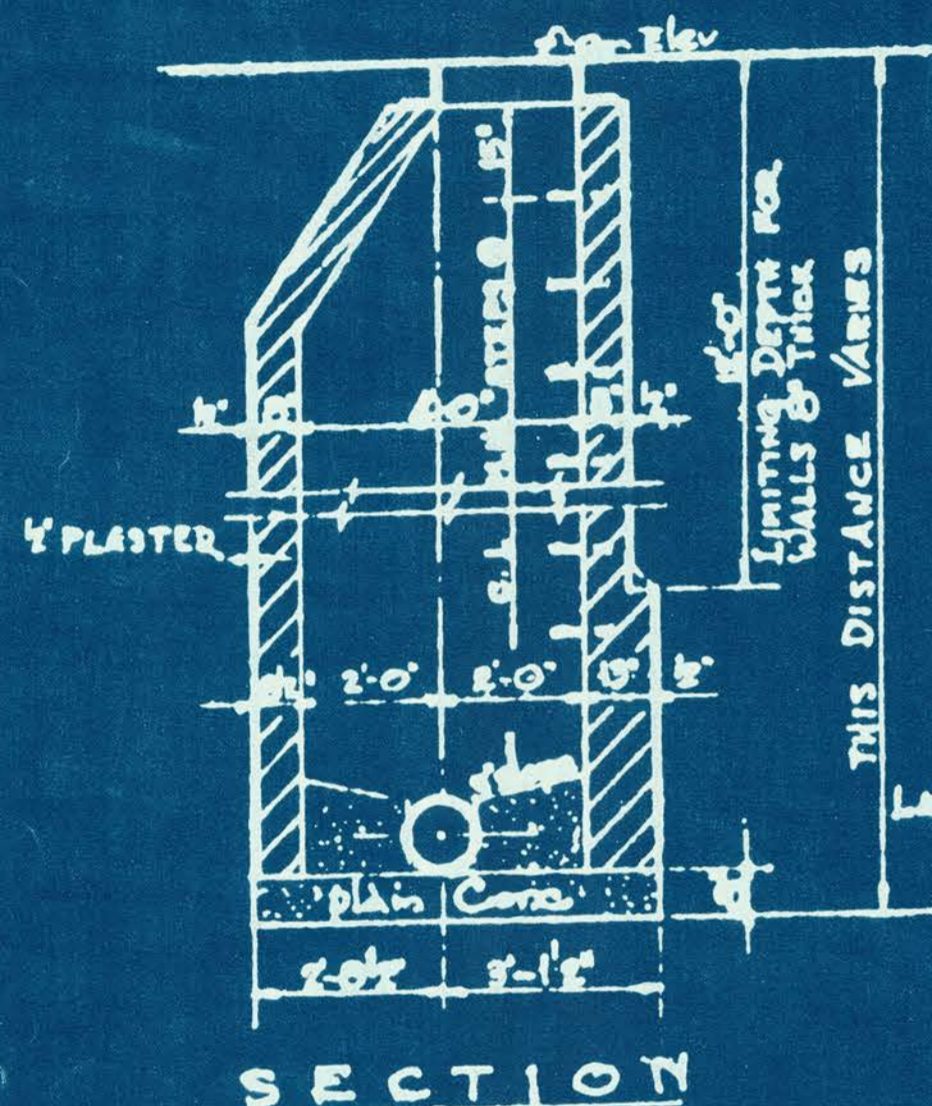
TOLERANCES AS FOLLOWS UNLESS OTHERWISE NOTED:  
A. MACHINING ± 1/64"  
B. SHEET METAL FINISHING THRU 10 GA. ± 1/16"  
C. STRUCTURAL LENGTH ± 1/8"  
D. BRAKE PARTS ± 1/16"  
E. ALL WELDING SYMBOLS ARE ACCORDING TO BUTLER STDS. FOR MACHINING FINISHES SEE BUTLER STANDARDS BOOK

DATE	BY	REVISION	SCALE
DATE	J.B. WILSON & ASSOCIATES CONSULTING ENGINEERS		No. SCALE
DATE	INDIANAPOLIS	INDIANA	SHEET 7
DATE			OF 11
DATE			JOB NO. OR COMAL. NO.

SUPERSTRUCTURE DETAILS



**STANDARD FRAMES**  
NEENAH R-1077-C



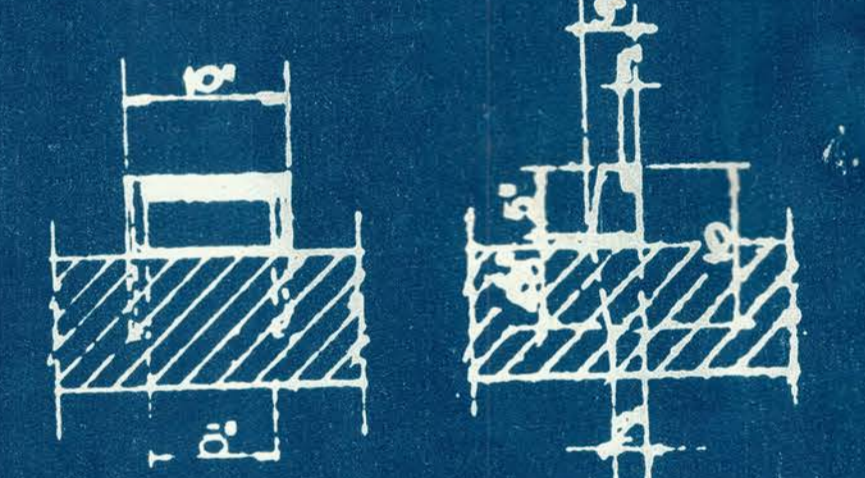
**STANDARD MANHOLE TYPE A**  
SCALE: 1/2" = 1'-0"

**DIVERSION MANHOLE TYPE B**  
SCALE: 1/2" = 1'-0"

**DIVERSION MANHOLE TYPE B1**  
SCALE: 1/2" = 1'-0"

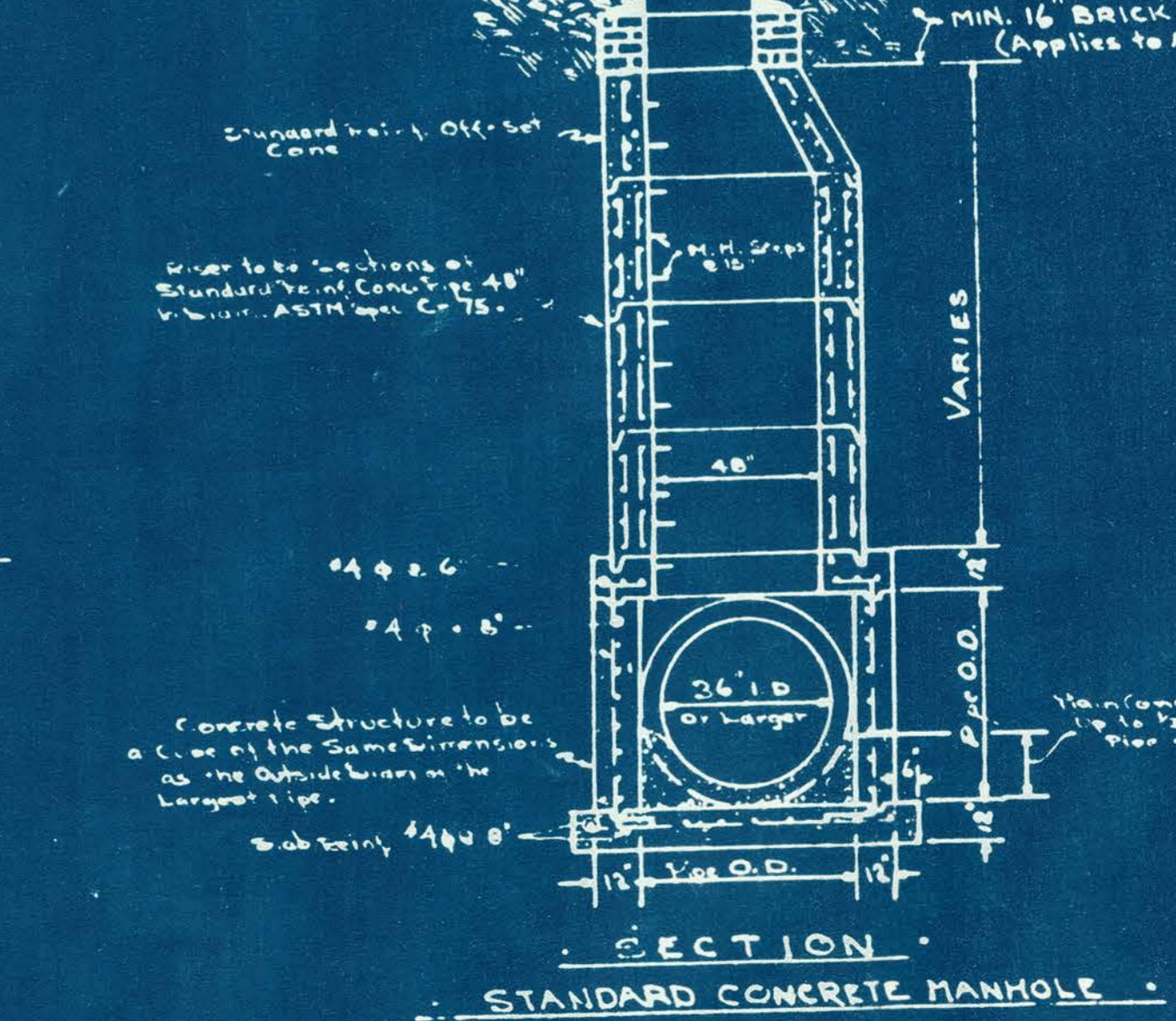
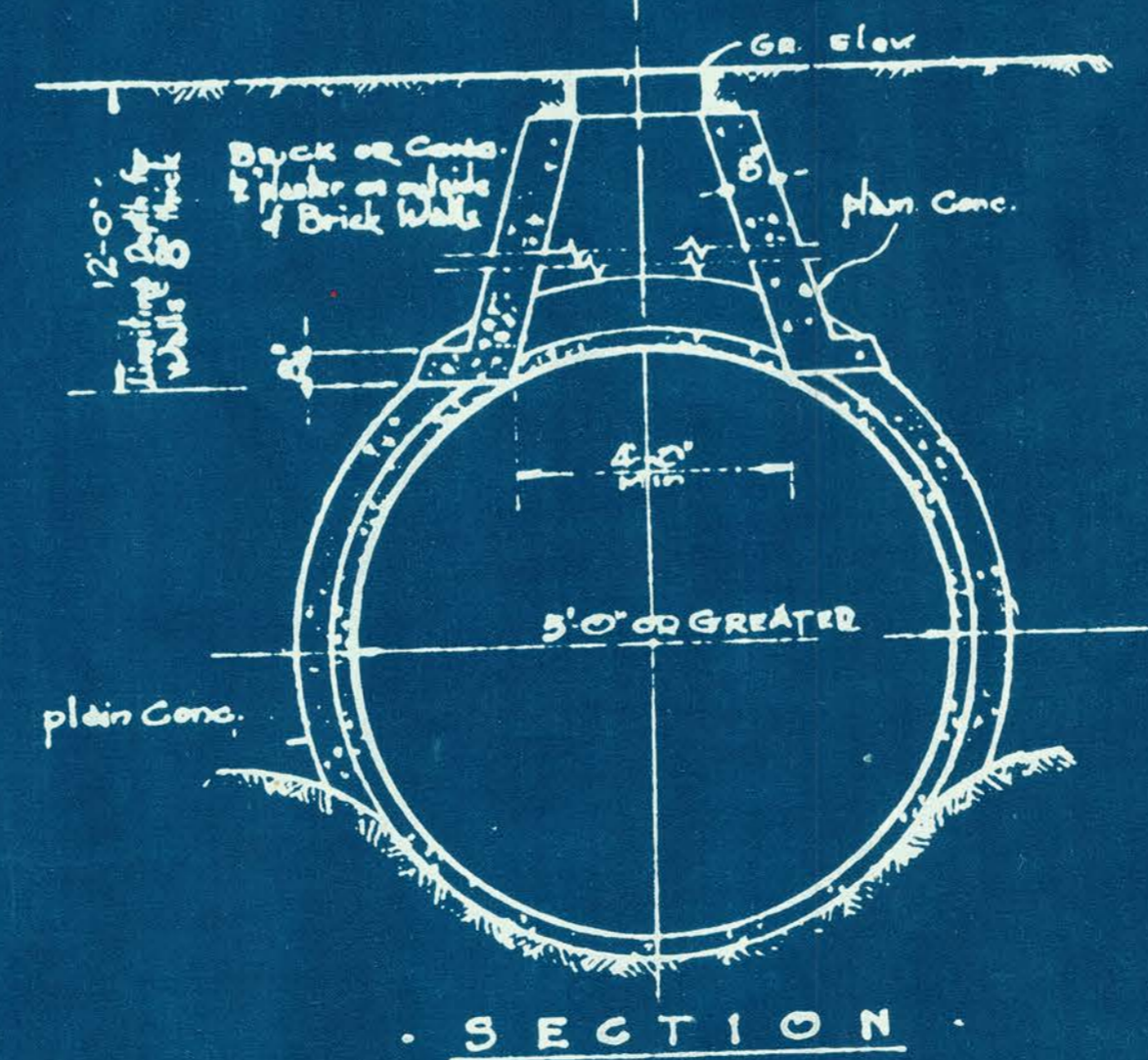
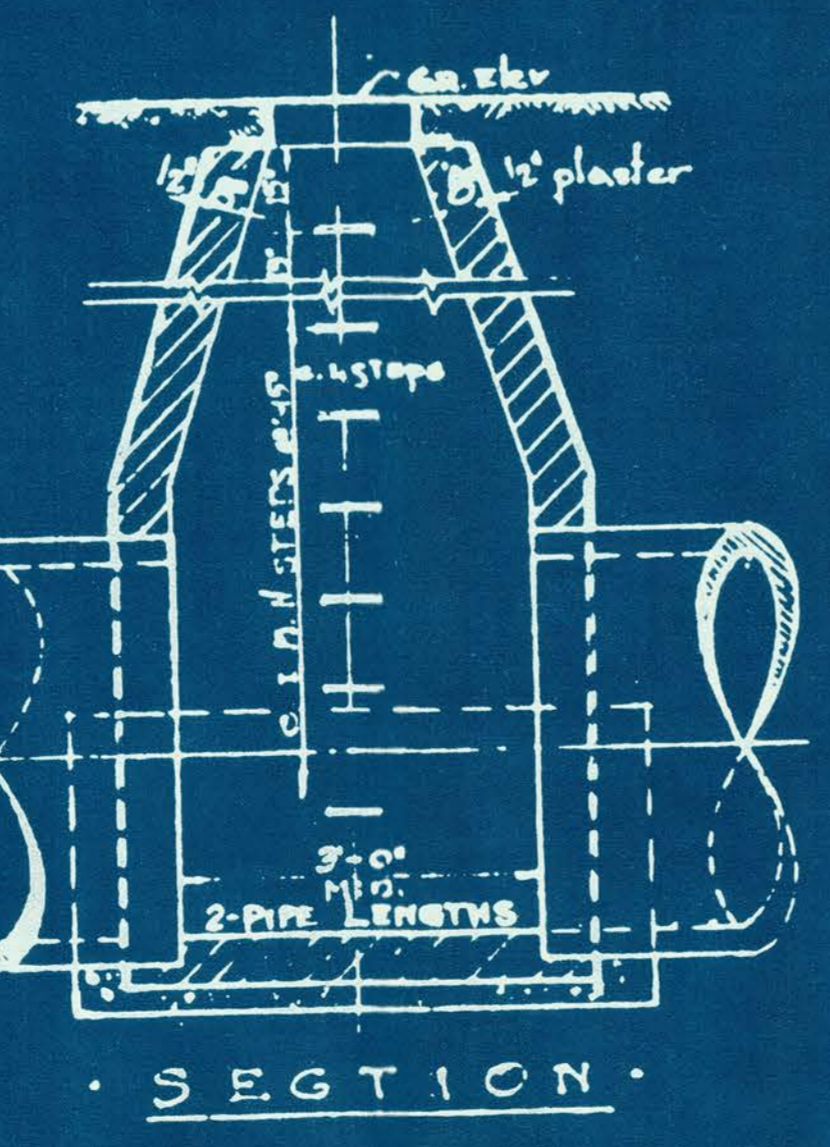
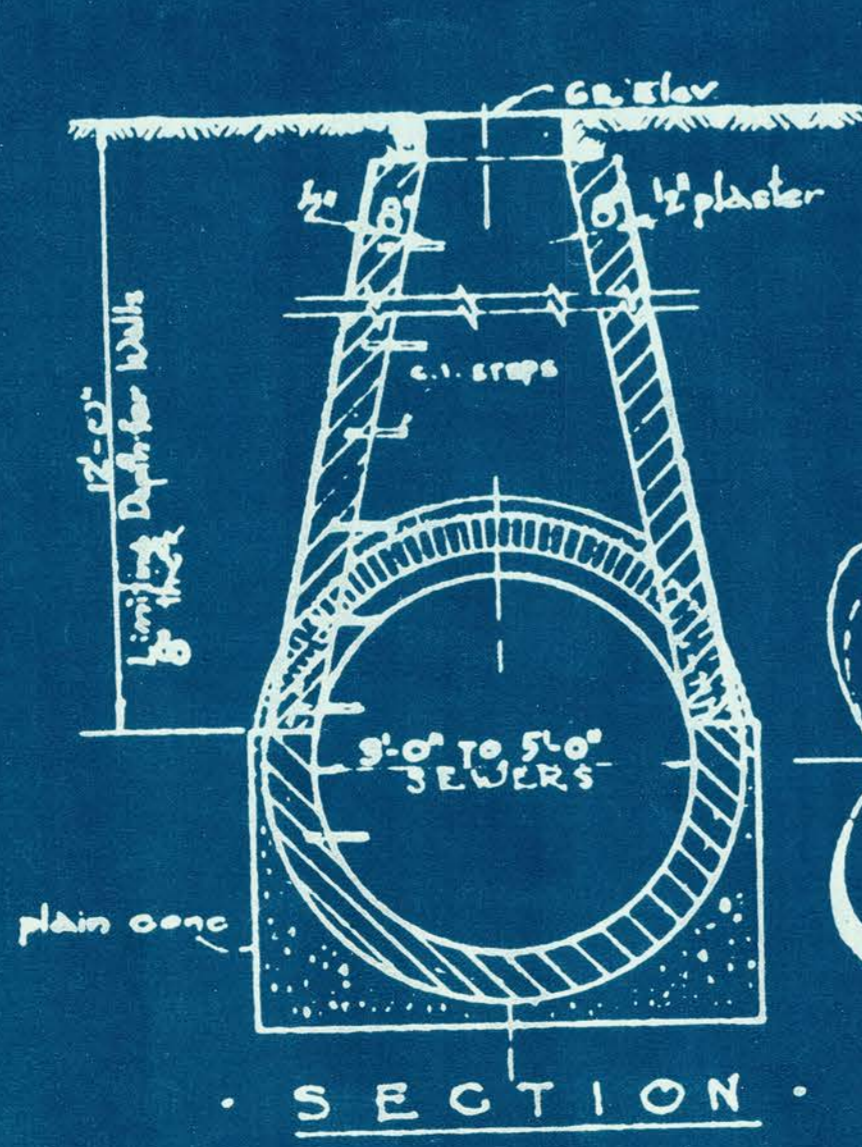
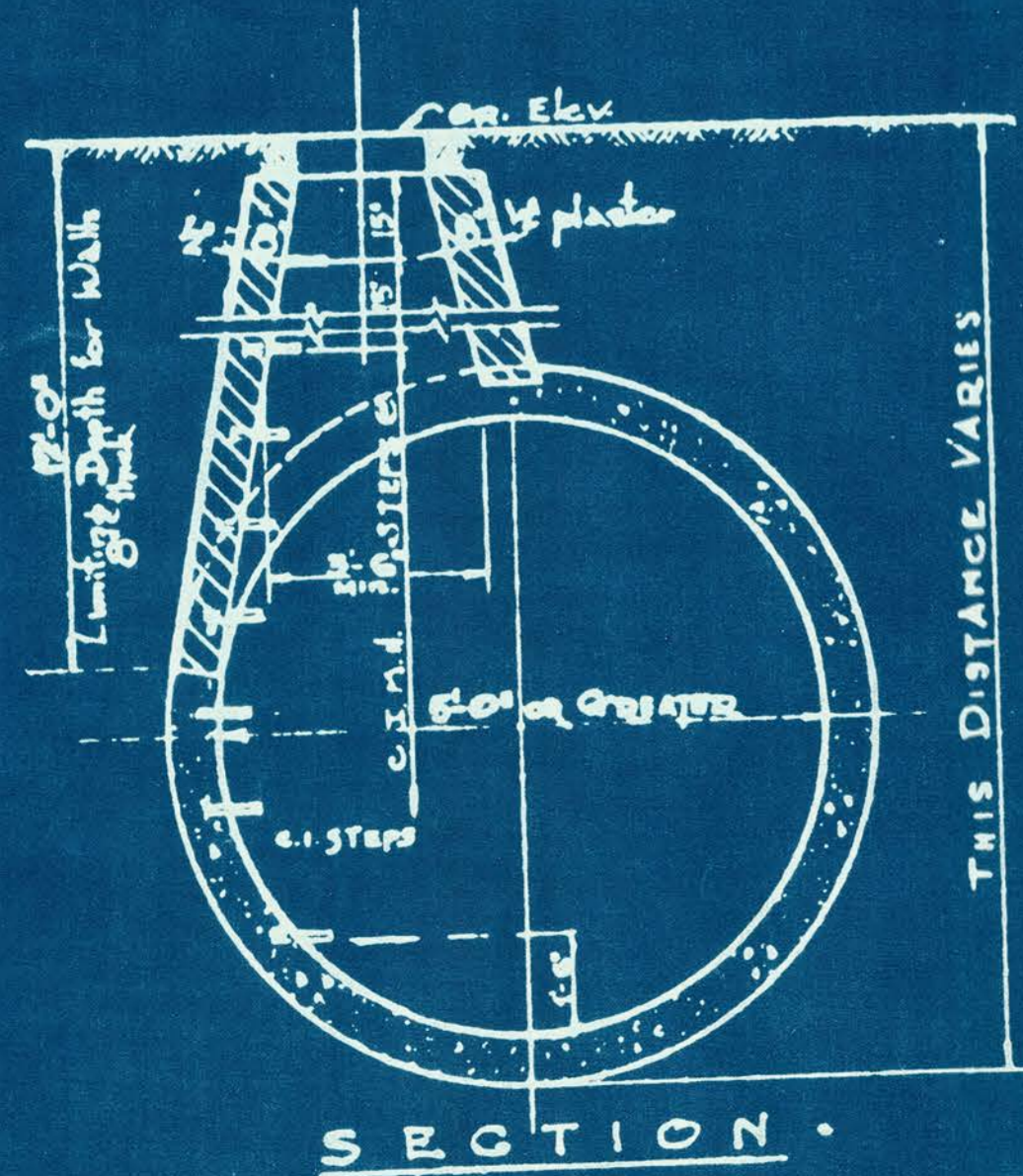
**DROP MANHOLE TYPE C**  
SCALE: 1/2" = 1'-0"

**DIVERSION DROP MANHOLE TYPE D**  
SCALE: 1/2" = 1'-0"



**STANDARD G.I. STEPS**  
SCALE: 1" = 1'-0"  
NEENAH R-1900-C

**NOTE:**  
SIZE WILL BE NOTED, 12/6, 12/8, ETC.  
FIRST NUMBER DENOTING SIZE OF LATERAL  
SECOND NUMBER: SIZE OF DIVERSION  
SEWER.  
PLASTER OUTSIDE SURFACE OF ALL  
MANHOLES ON SANITARY AND  
COMBINED SEWERS WITH 1/2" PLASTER  
MANHOLES ABOVE 12' TO HAVE 8" WA  
MANHOLES BELOW 12' TO HAVE 12" WA

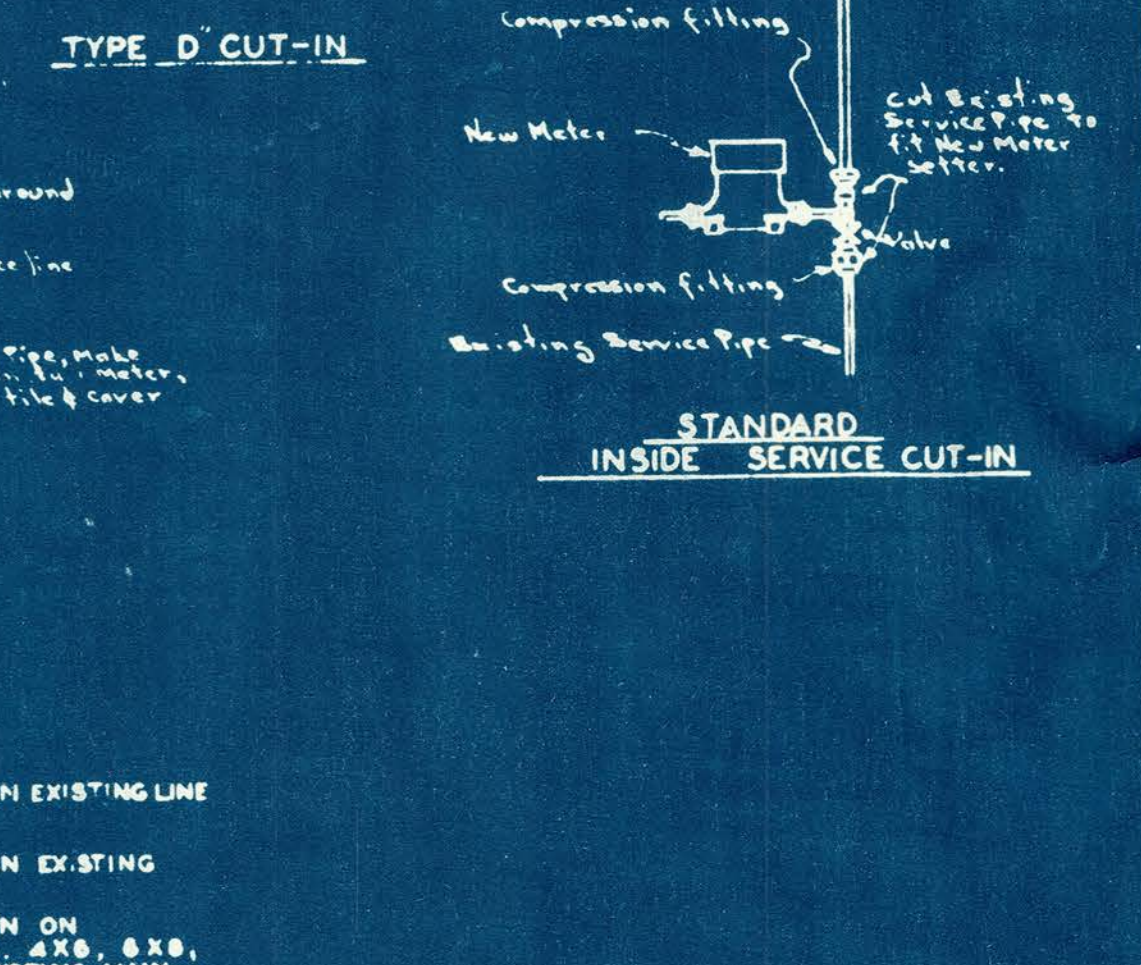
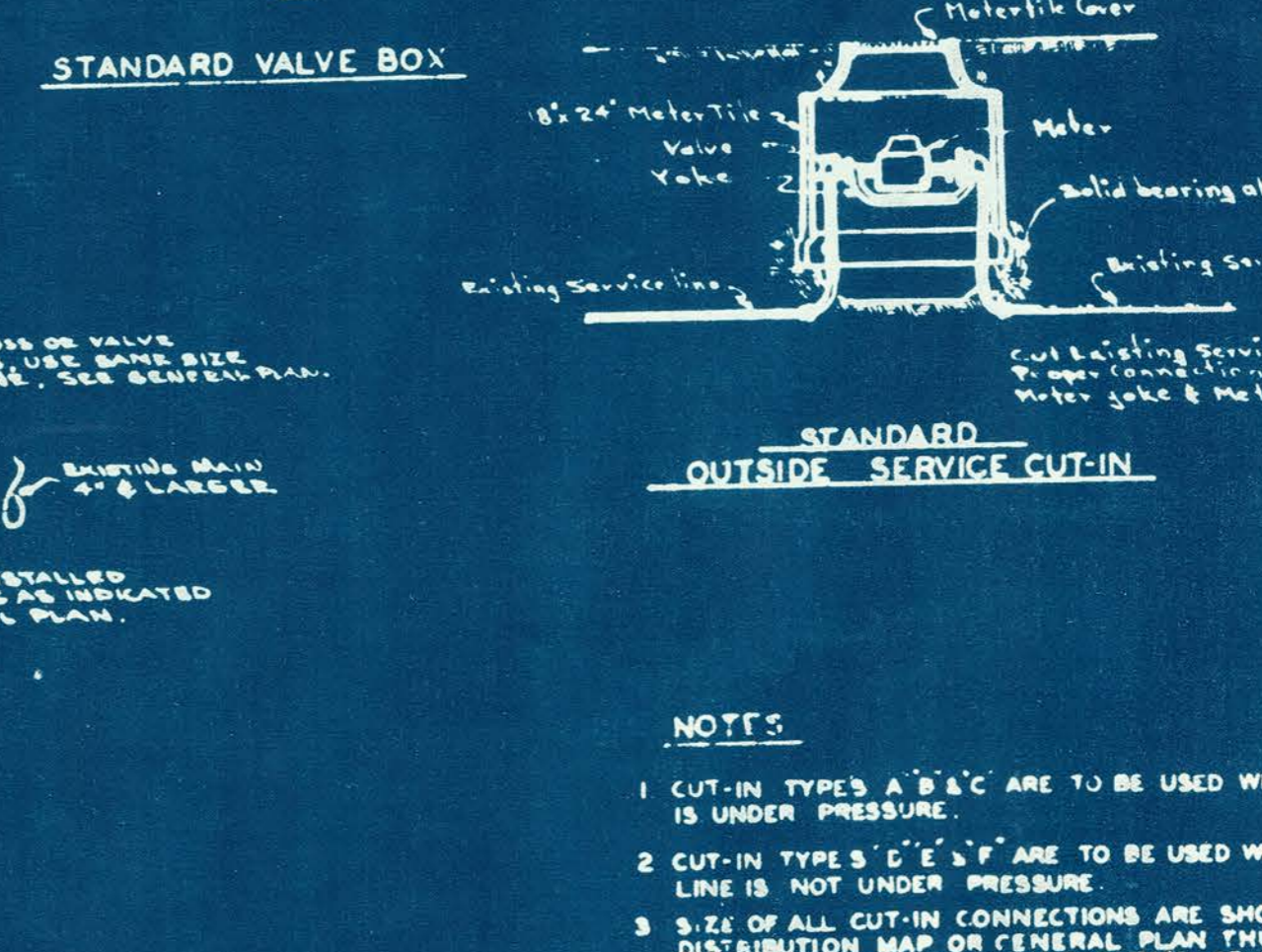
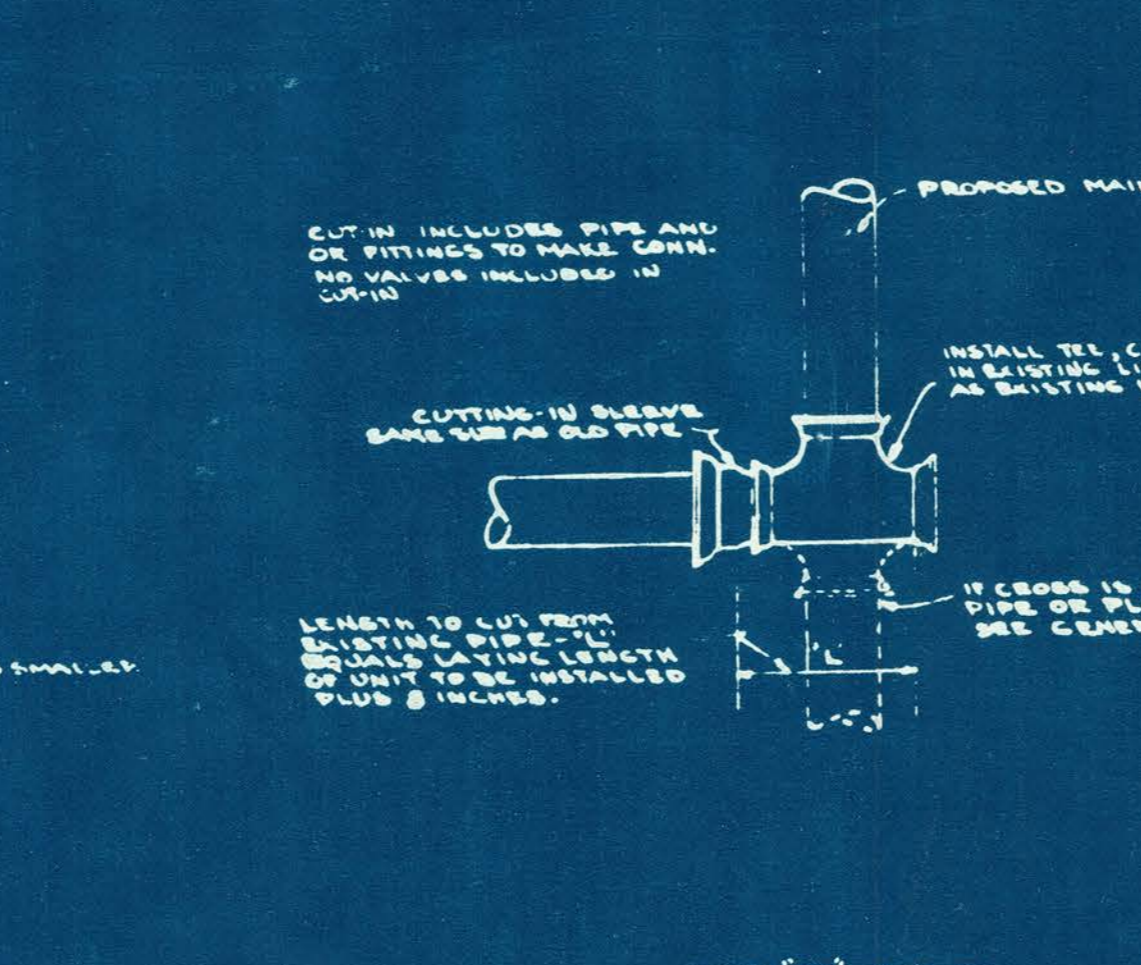
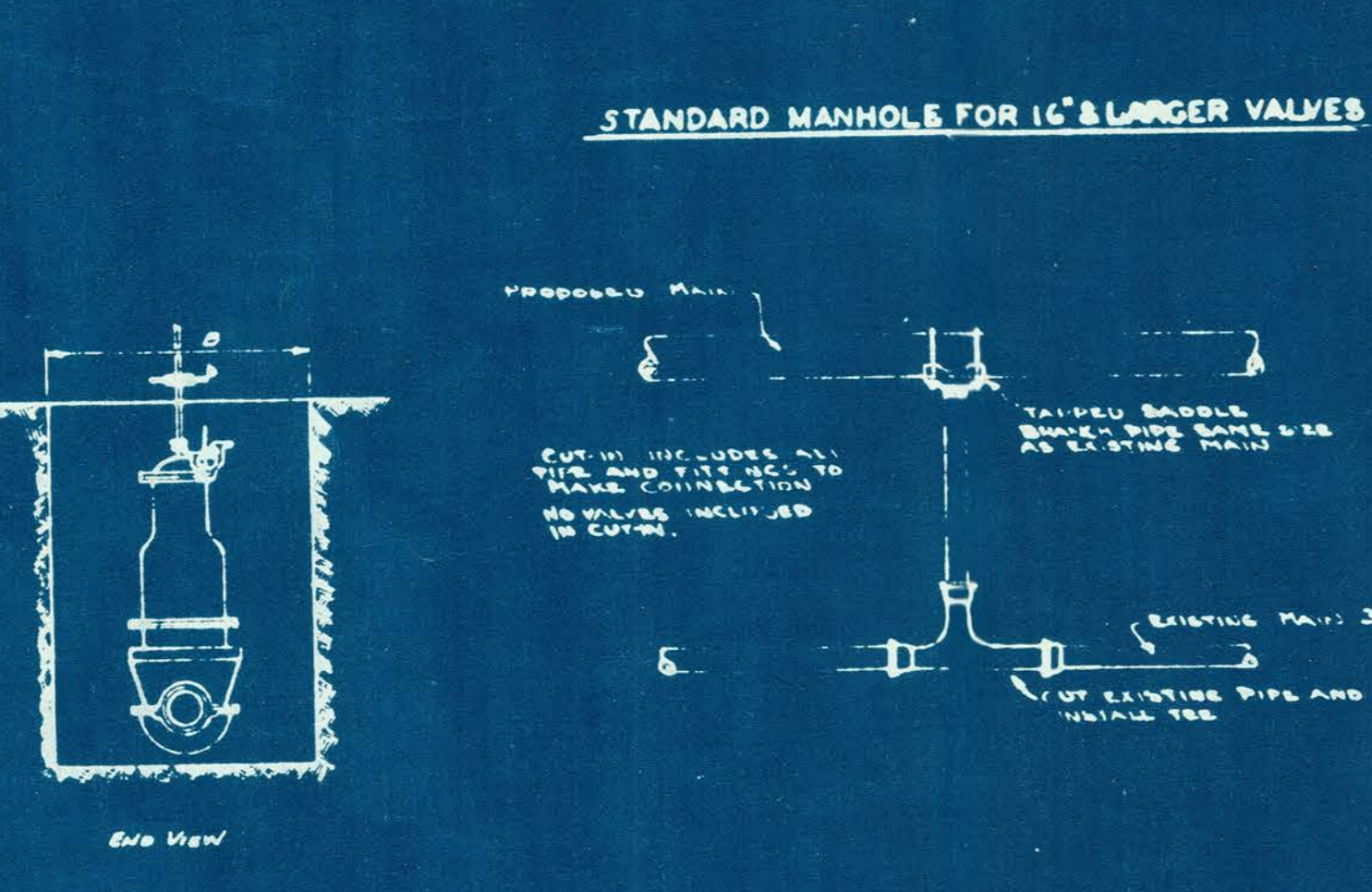
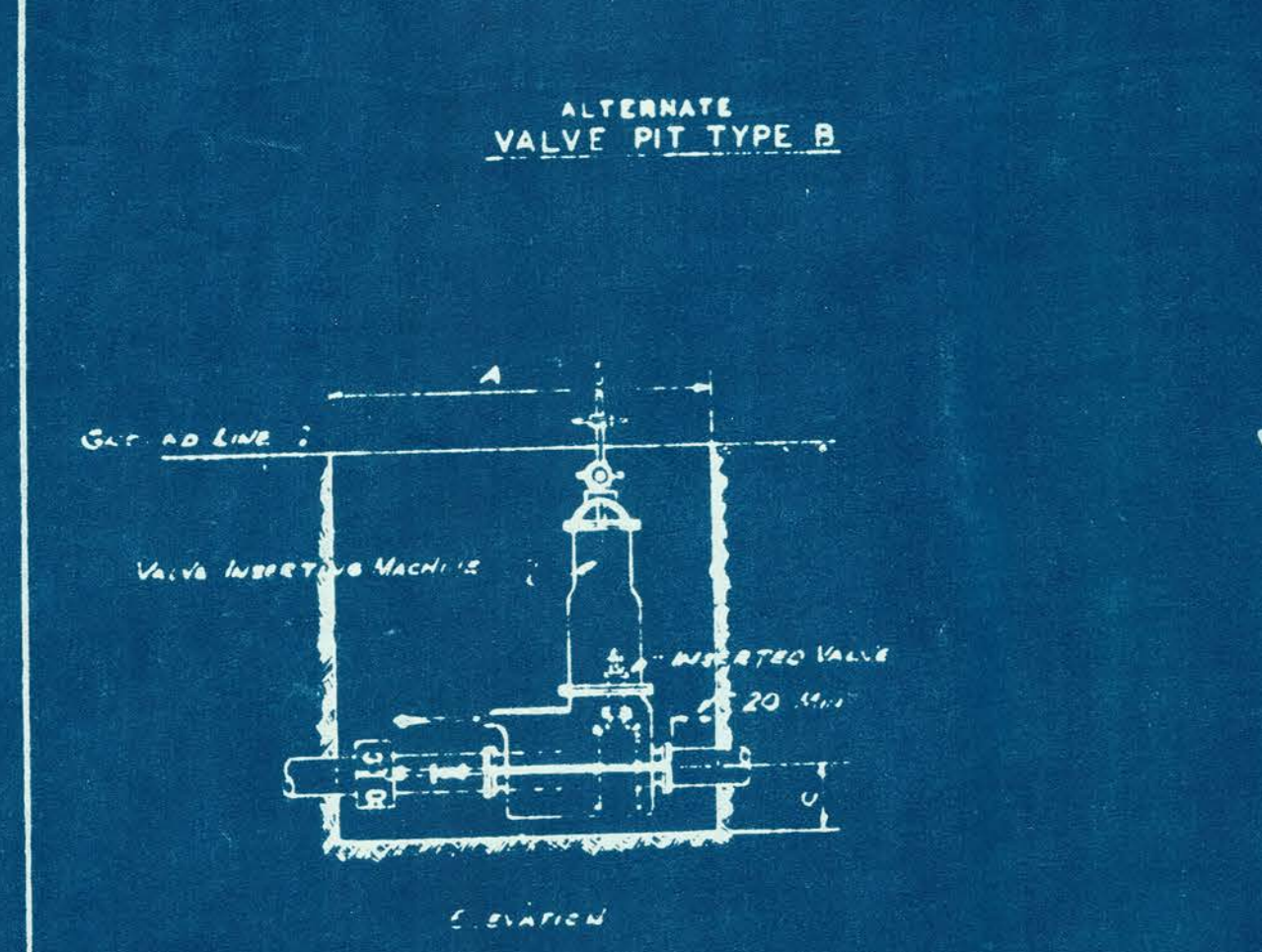
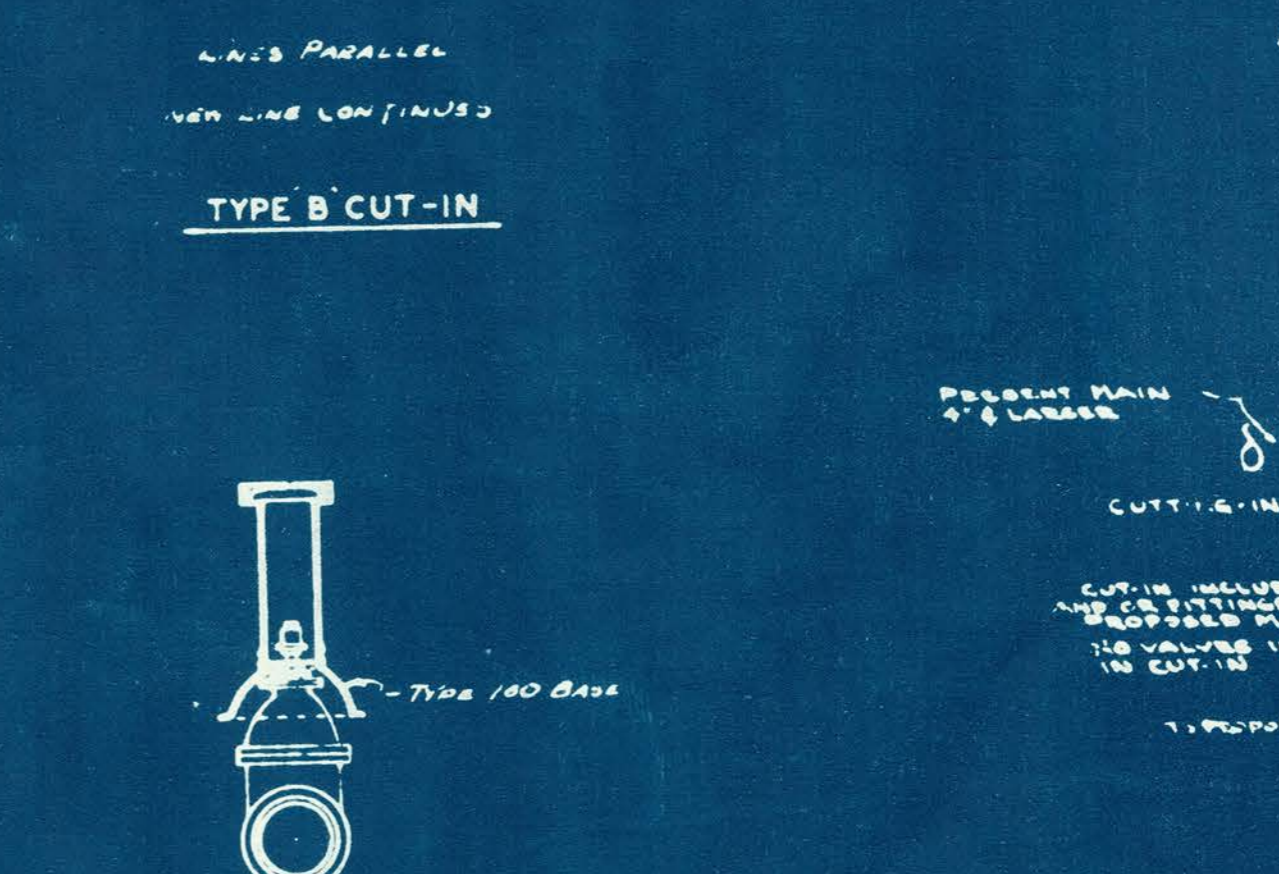
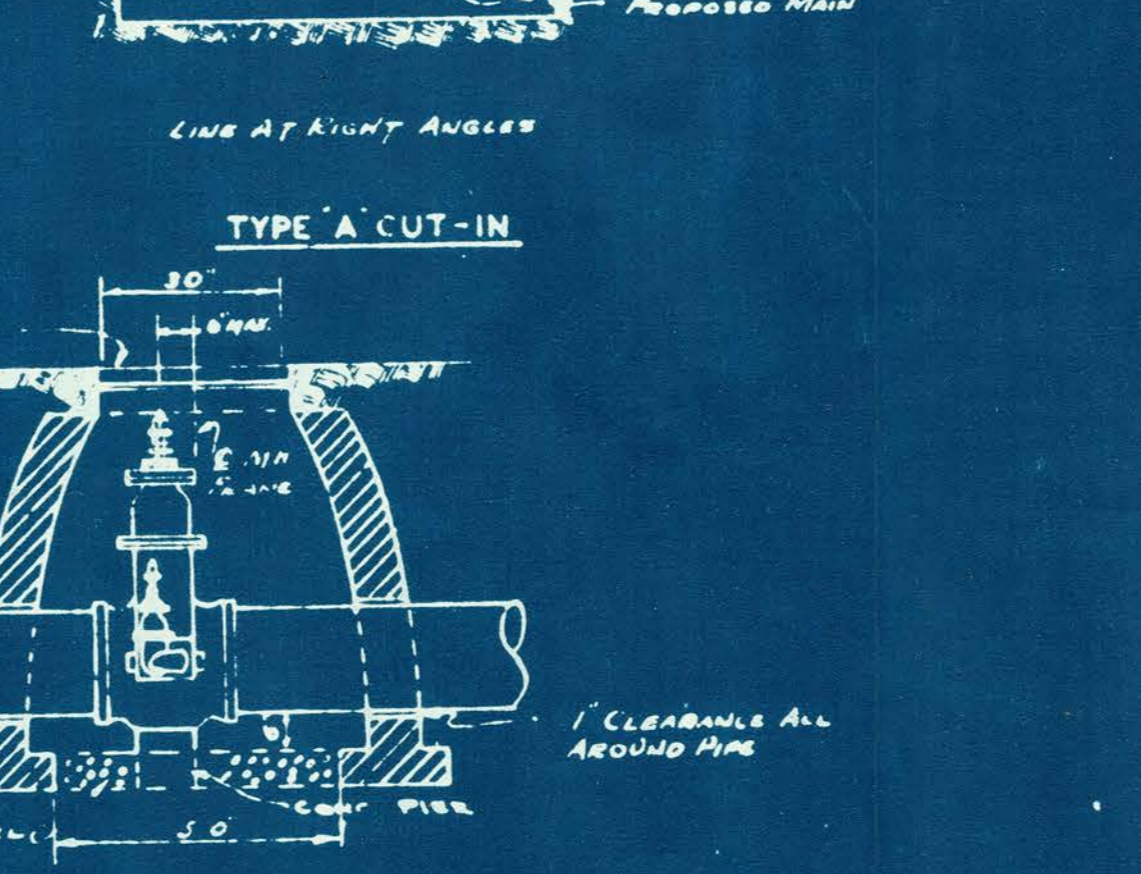
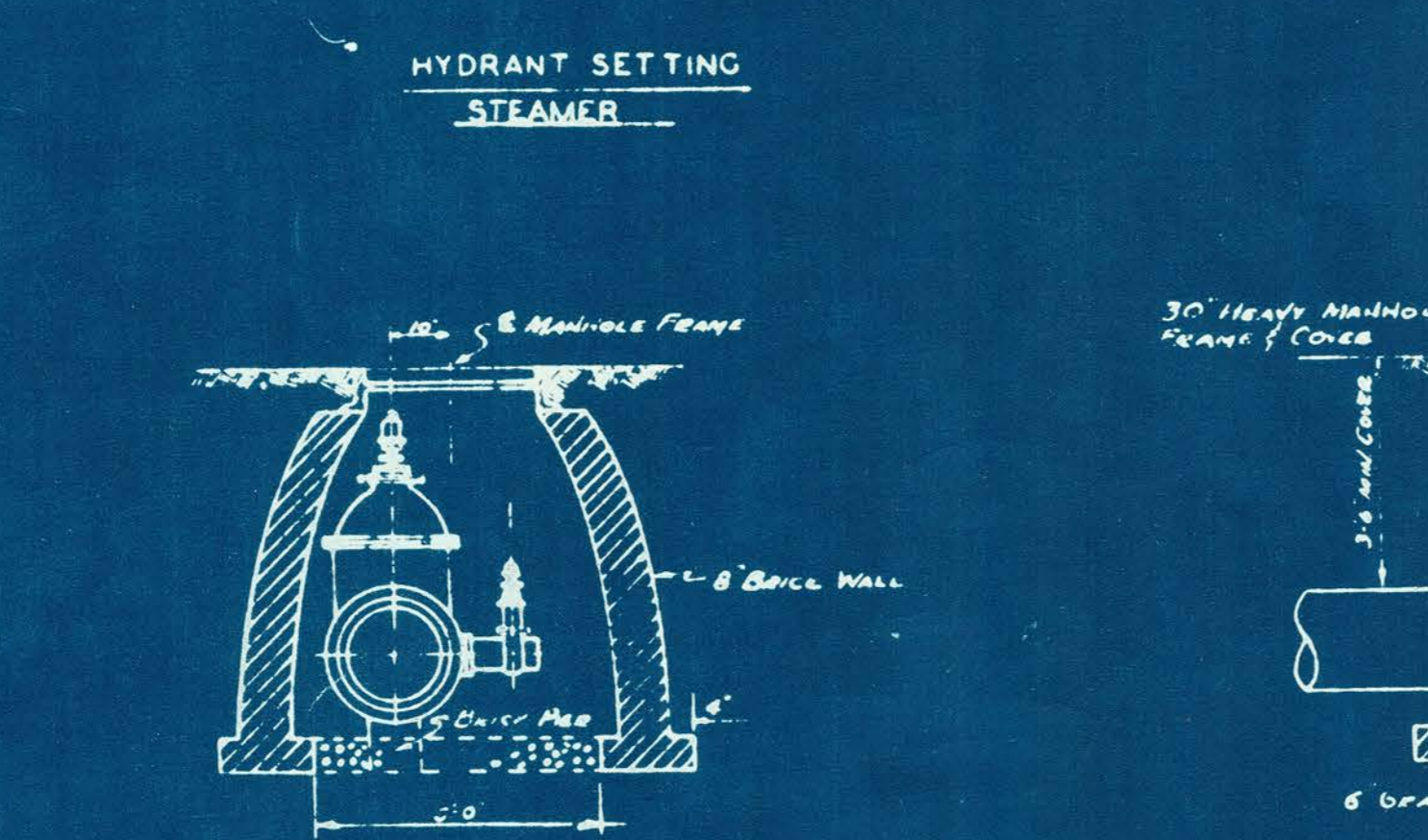
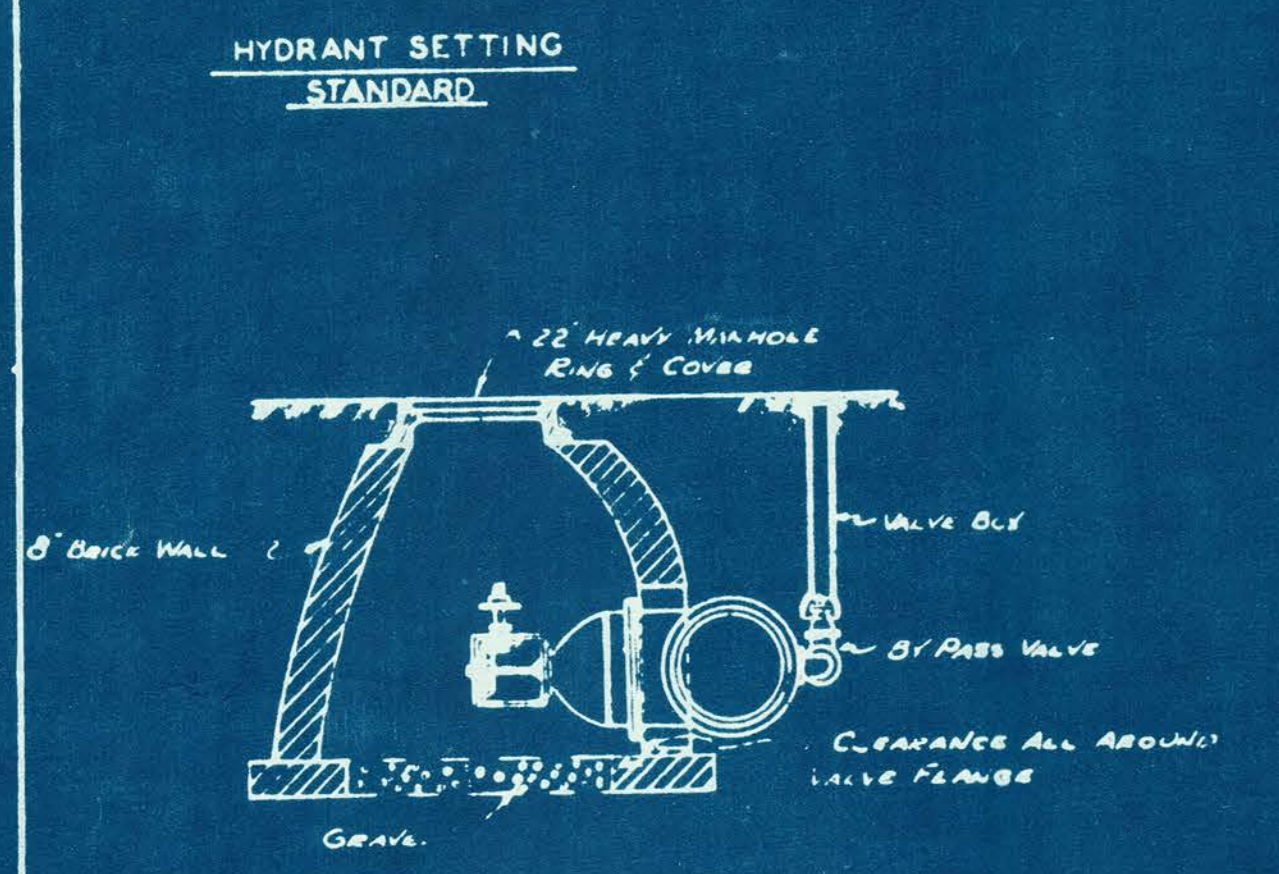
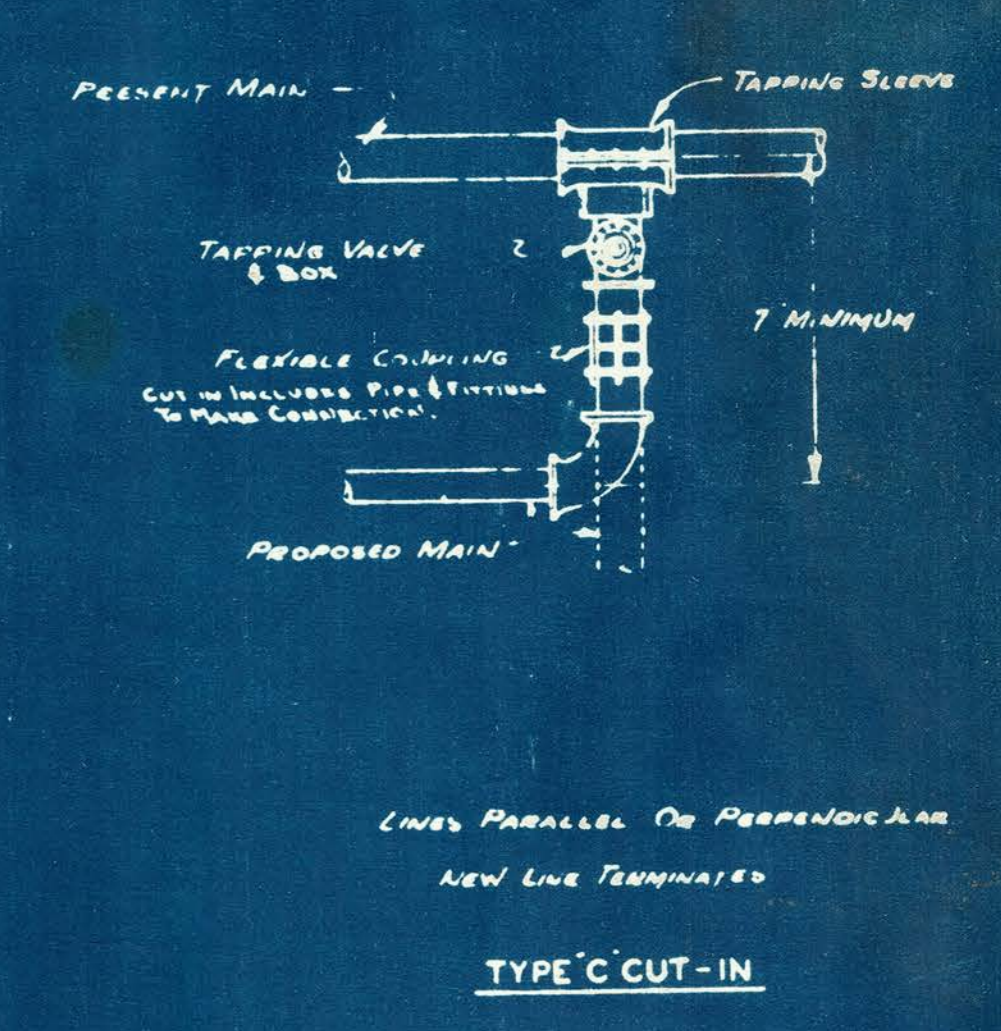
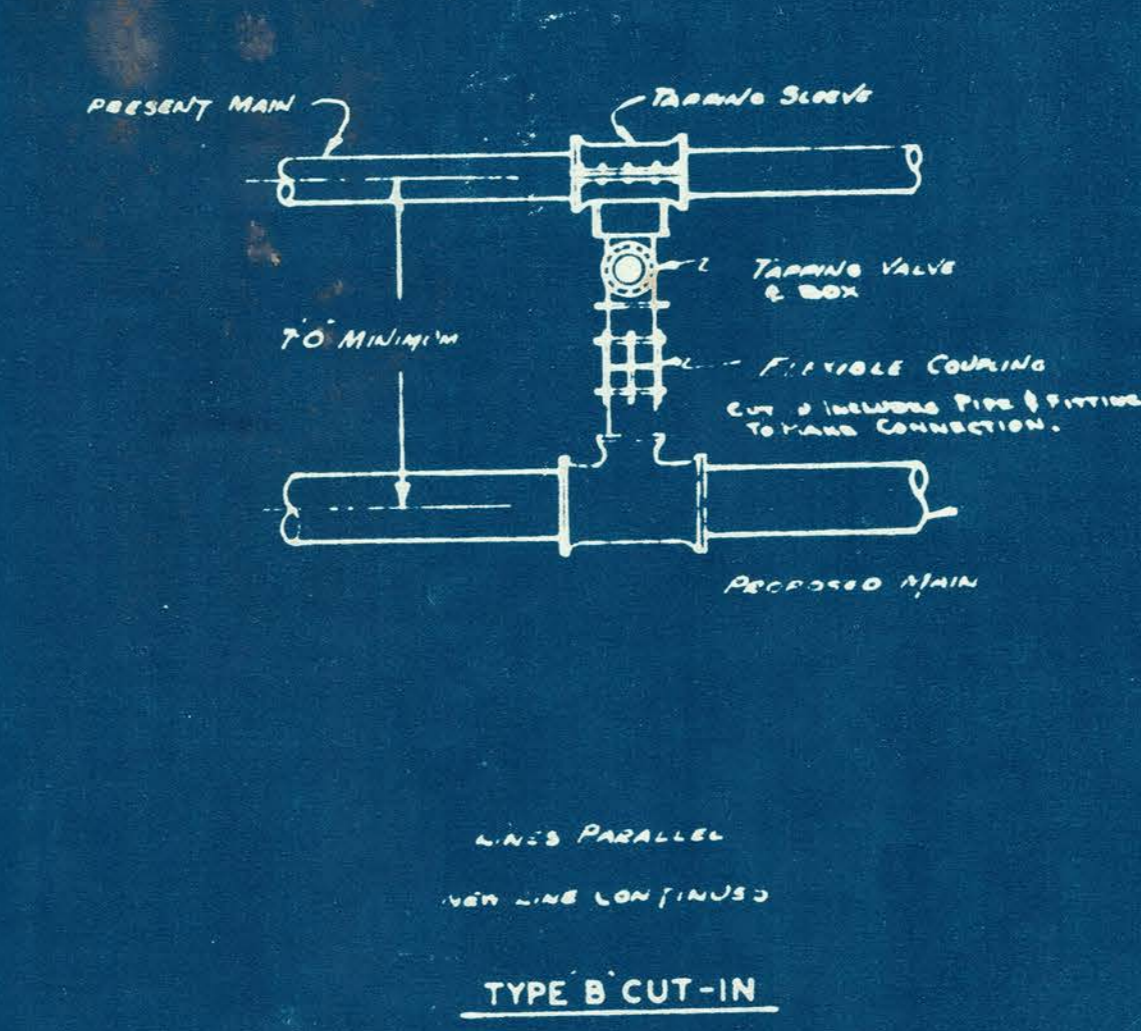
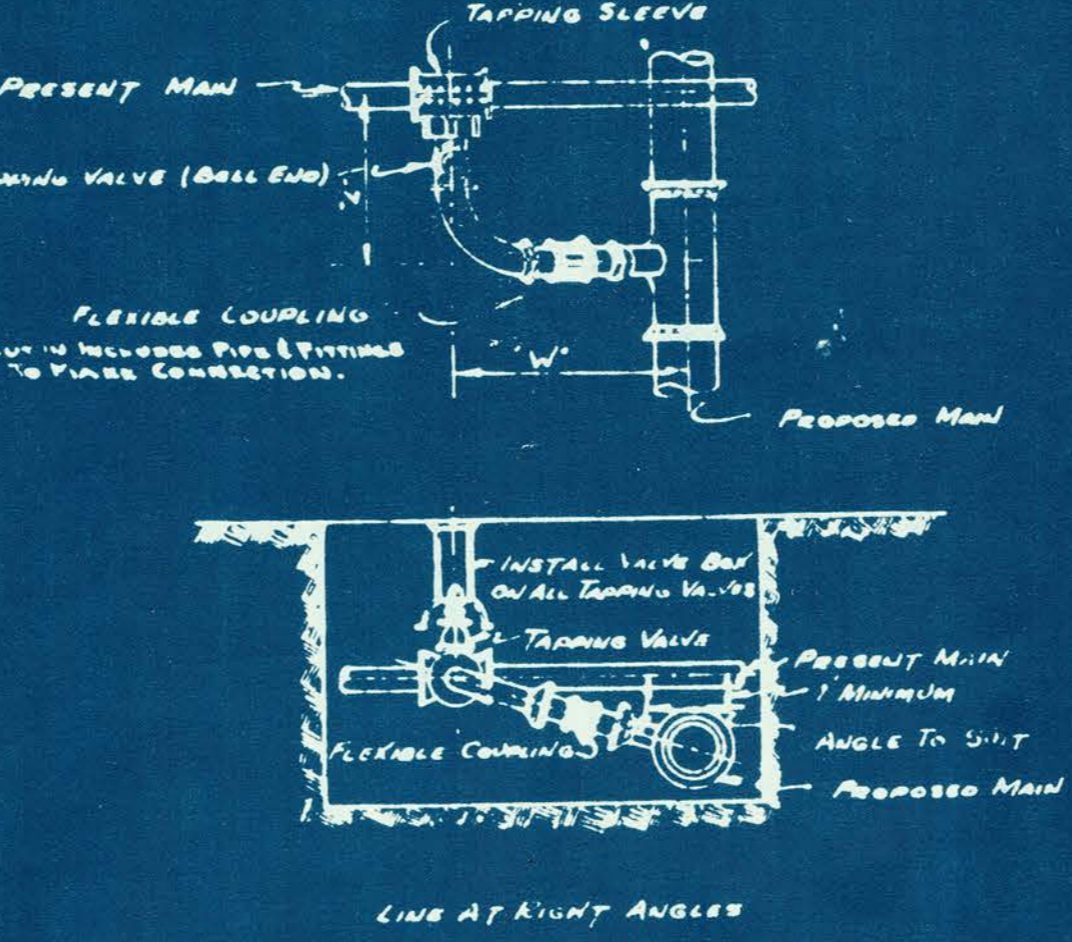
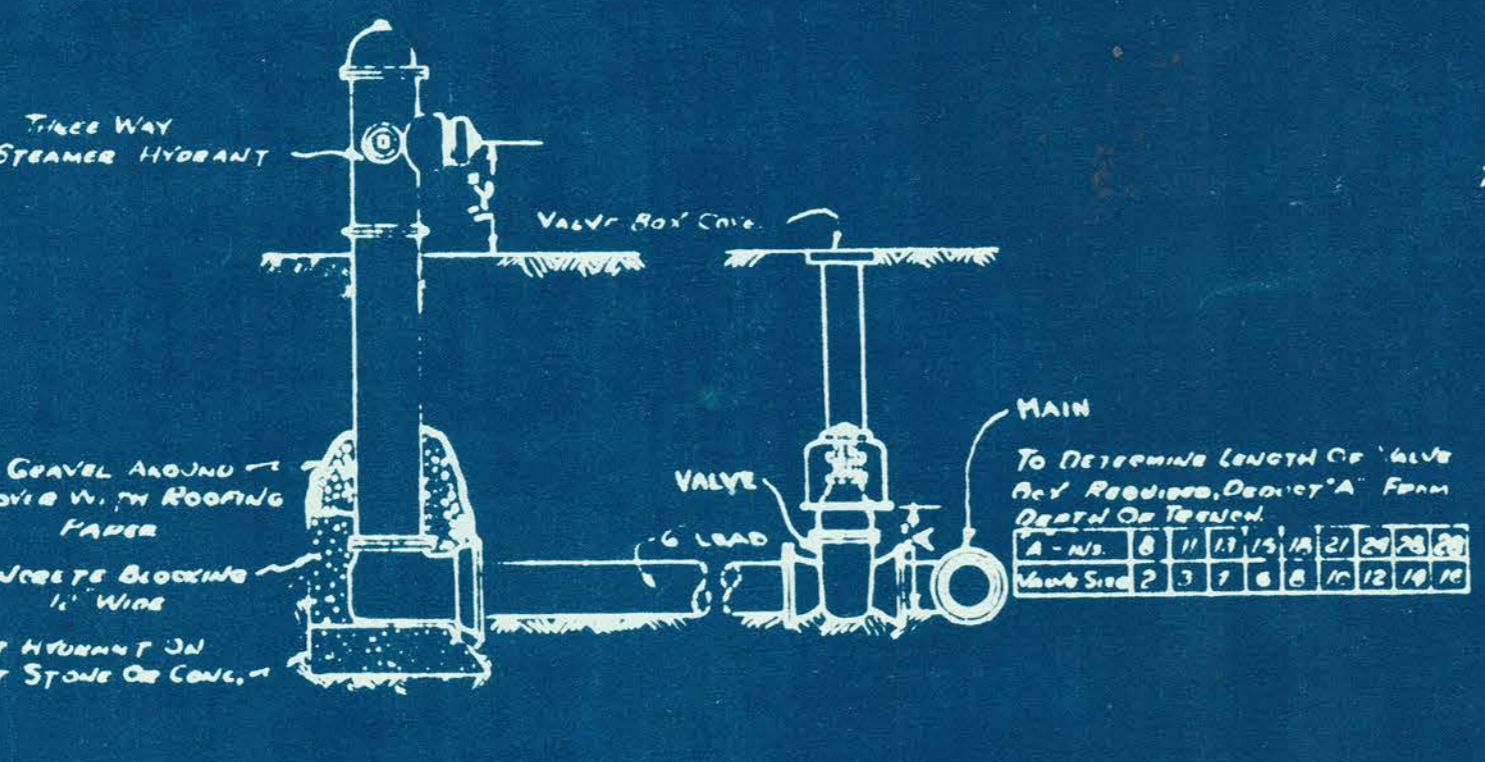
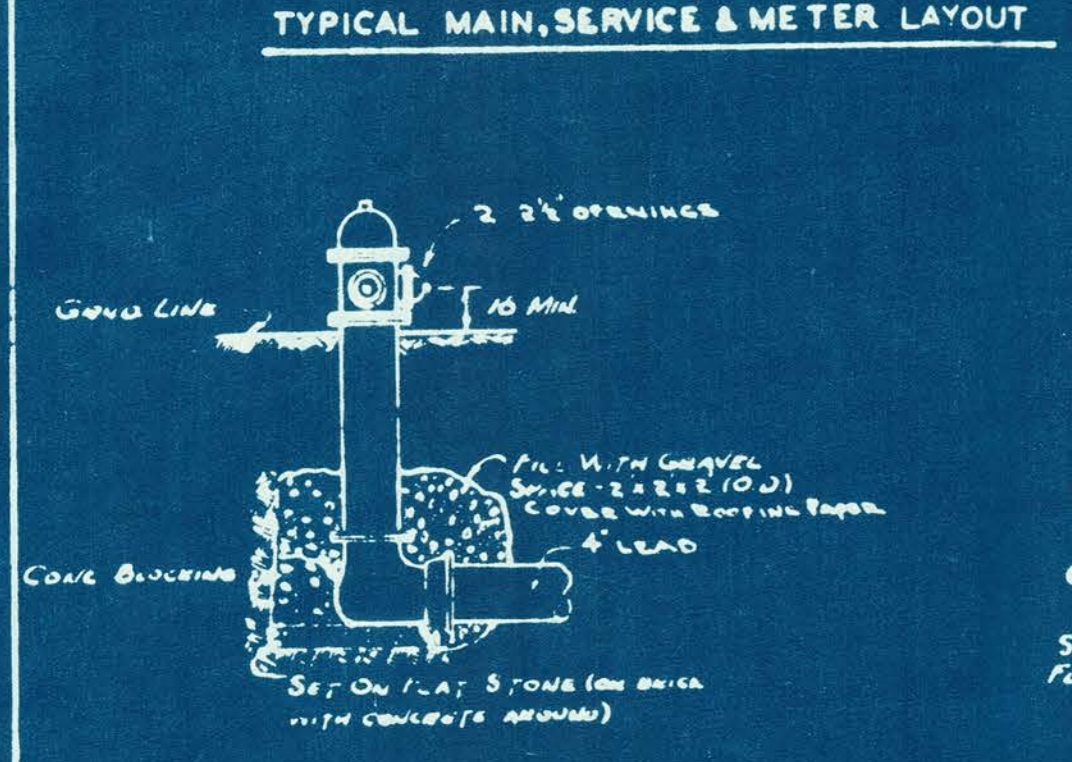
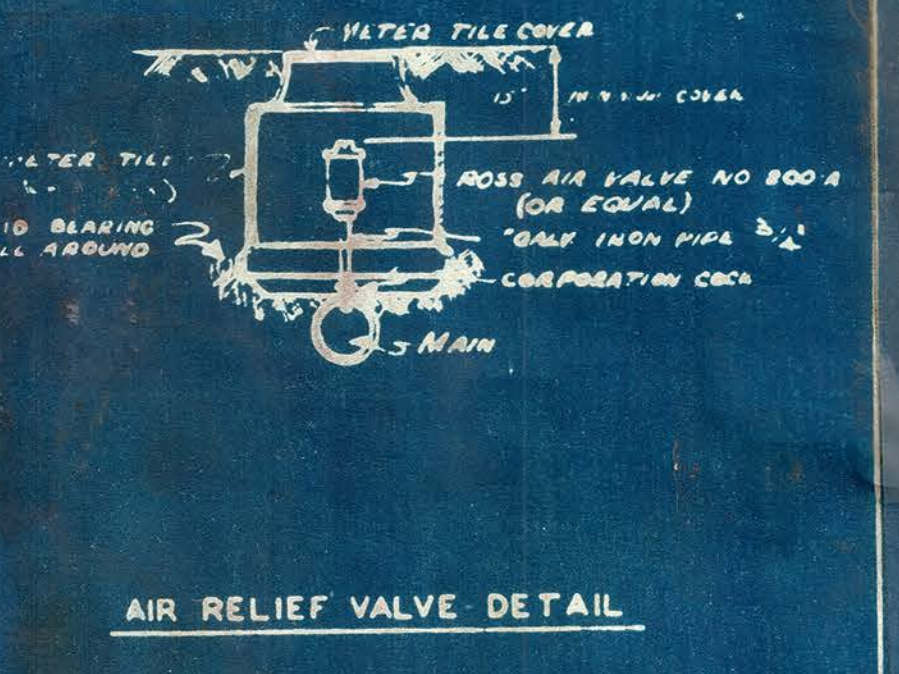
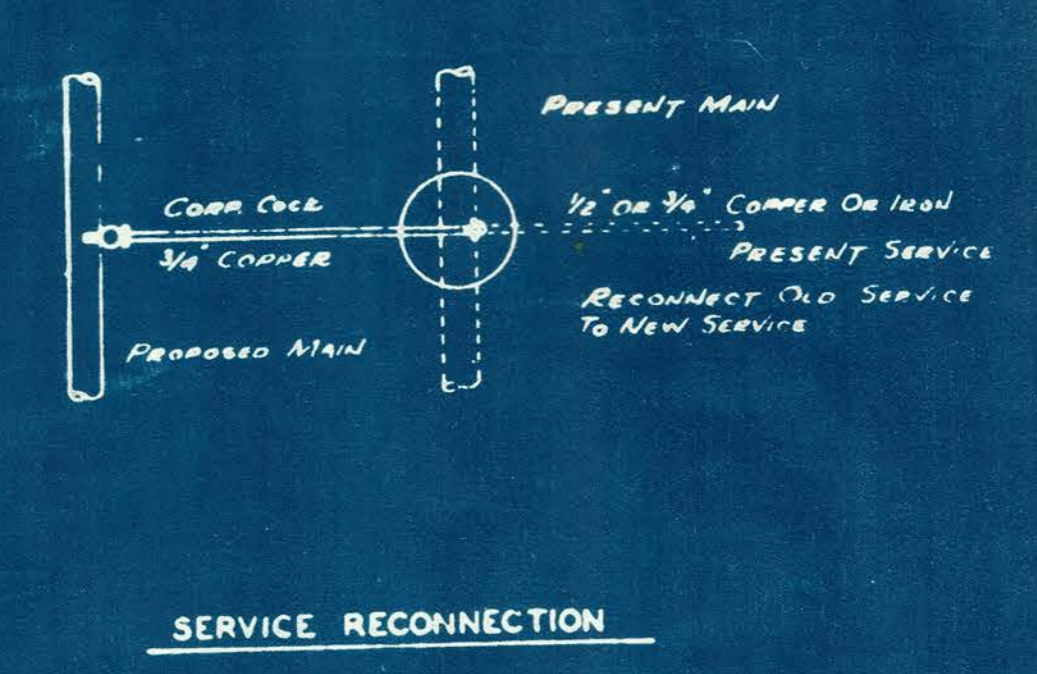
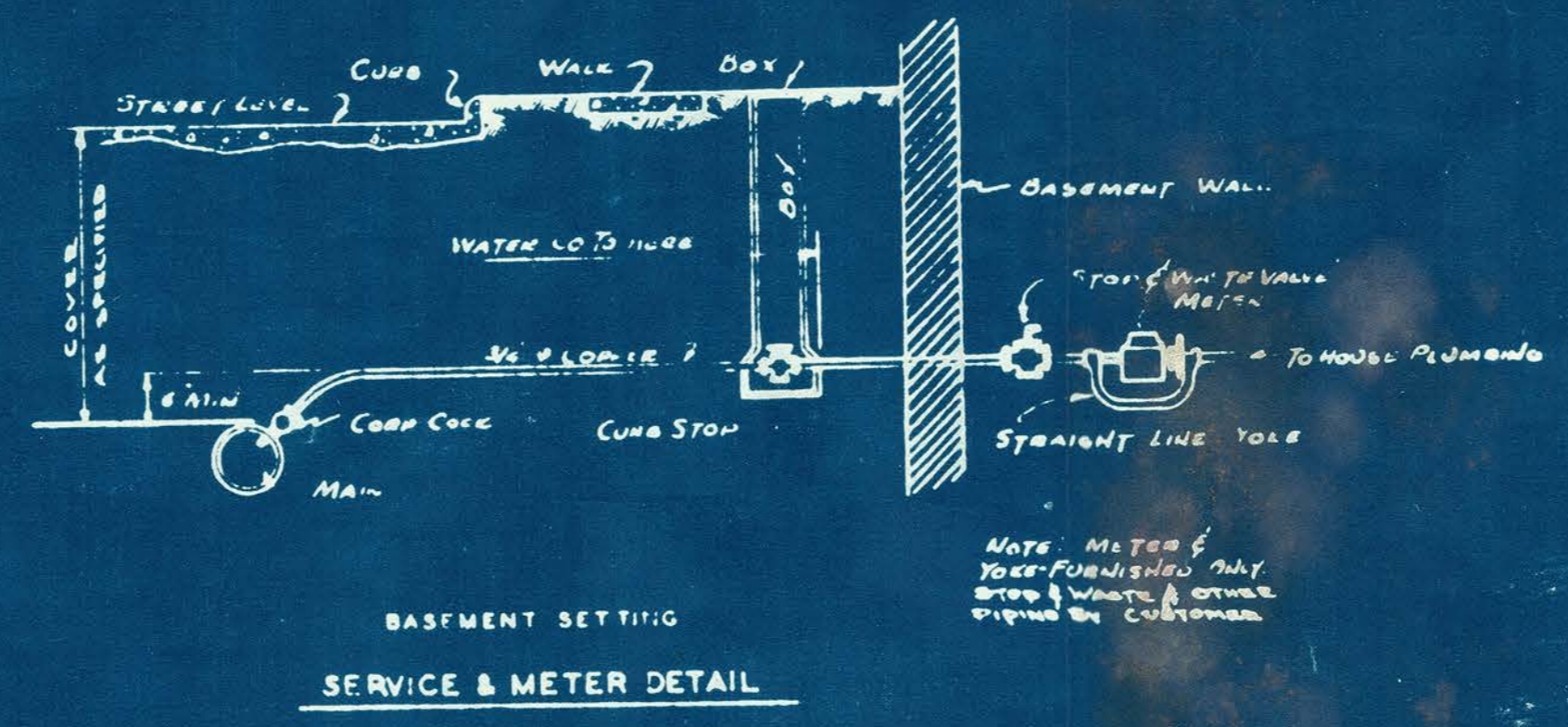
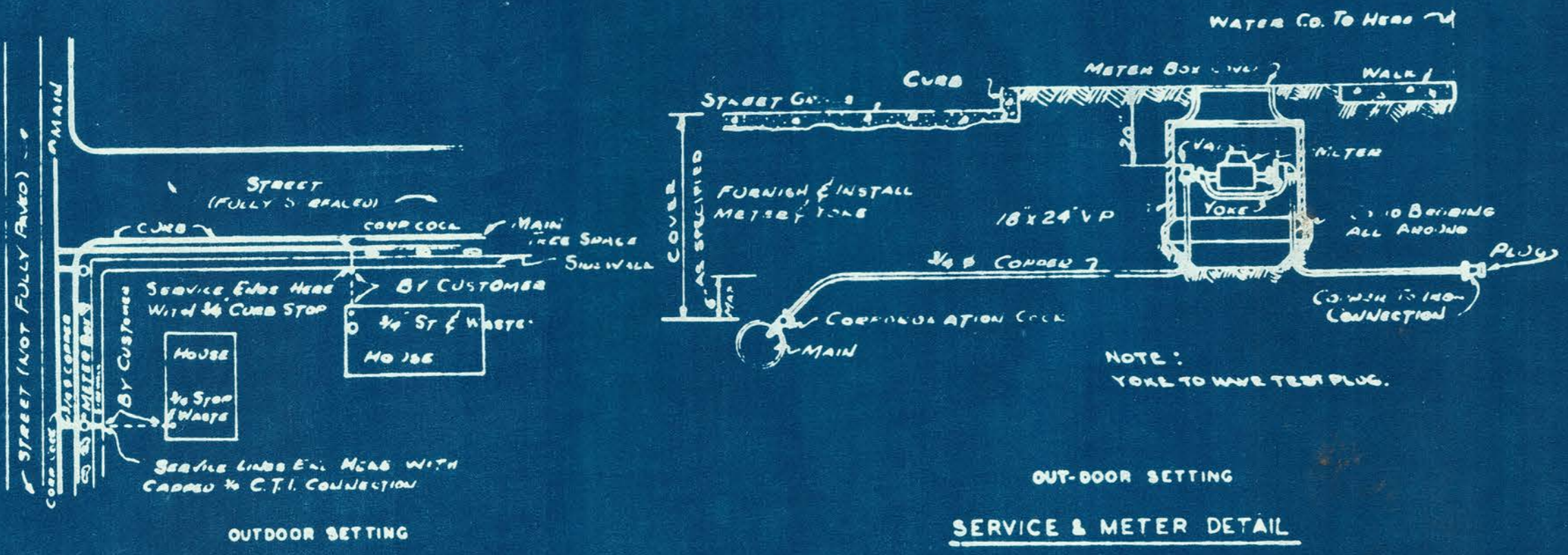


**MANHOLE DETAILS FOR LARGE PROPOSED SEWERS**  
NOT DRAWN TO SCALE

**MANHOLE DETAILS FOR LARGE EXISTING SEWERS**  
NOT DRAWN TO SCALE

CONTRACT

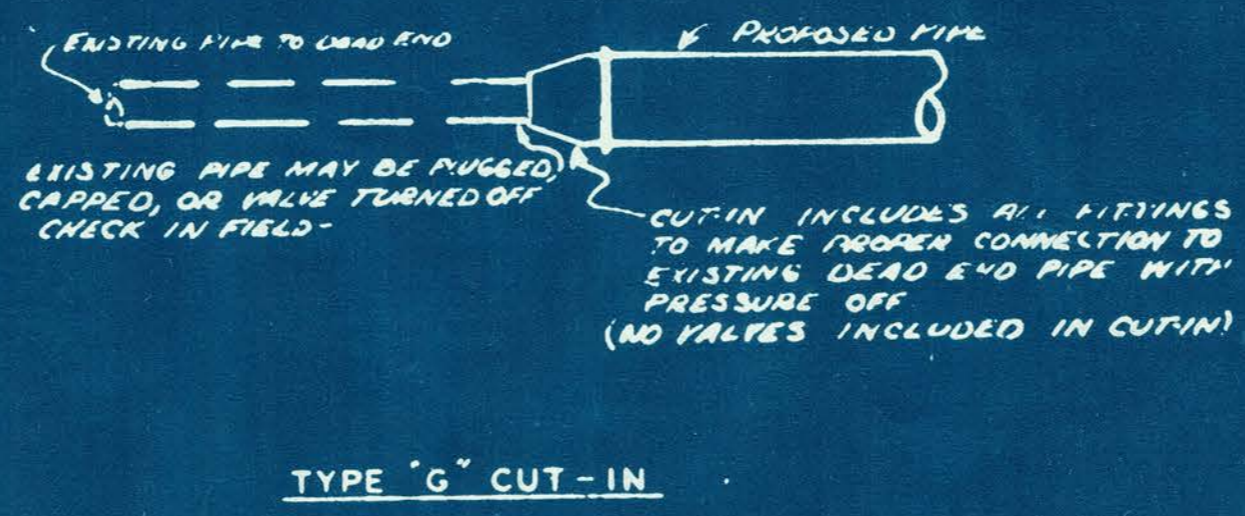
**STANDARD DETAILS SEWER**  
MANHOLES & APPURTENANCE  
SHEET 8 OF 11

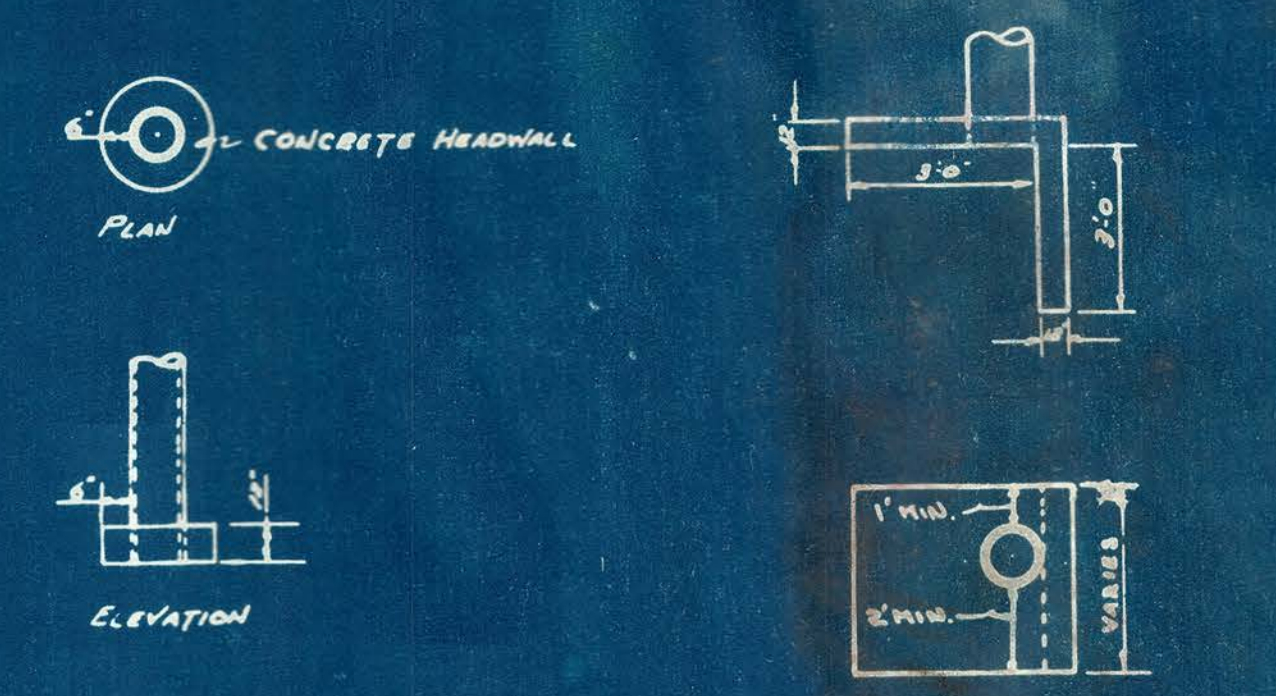
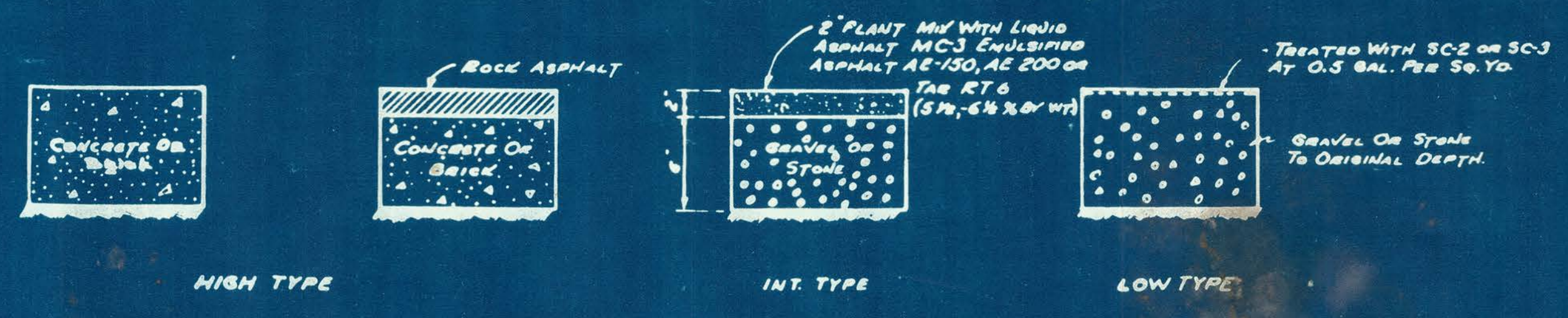
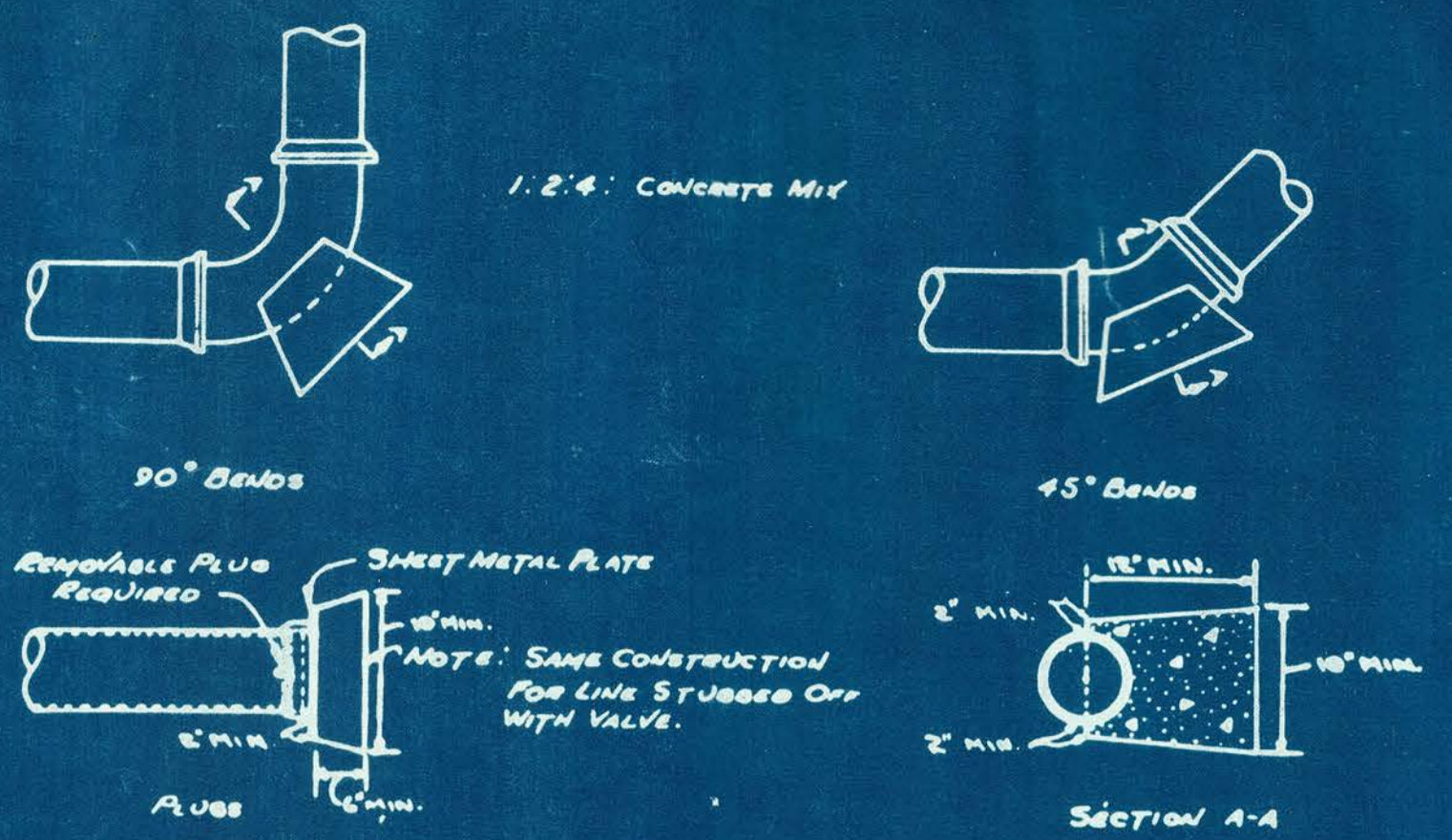


Size of Pipe	4"-6" A	8"-10" B	12"-16" C
Number of Machine	No. 1	No. 2	No. 3
Length of Excavation	7'-3"	8'-6"	8'-3"
Width of Excavation	7'-0"	5'-0"	6'-6"
Center of Pipe to Bottom of Excavation	1'-3"	1'-7"	2'-3"

Table of Dimensions  
DETAILS OF INSERTED VALVES

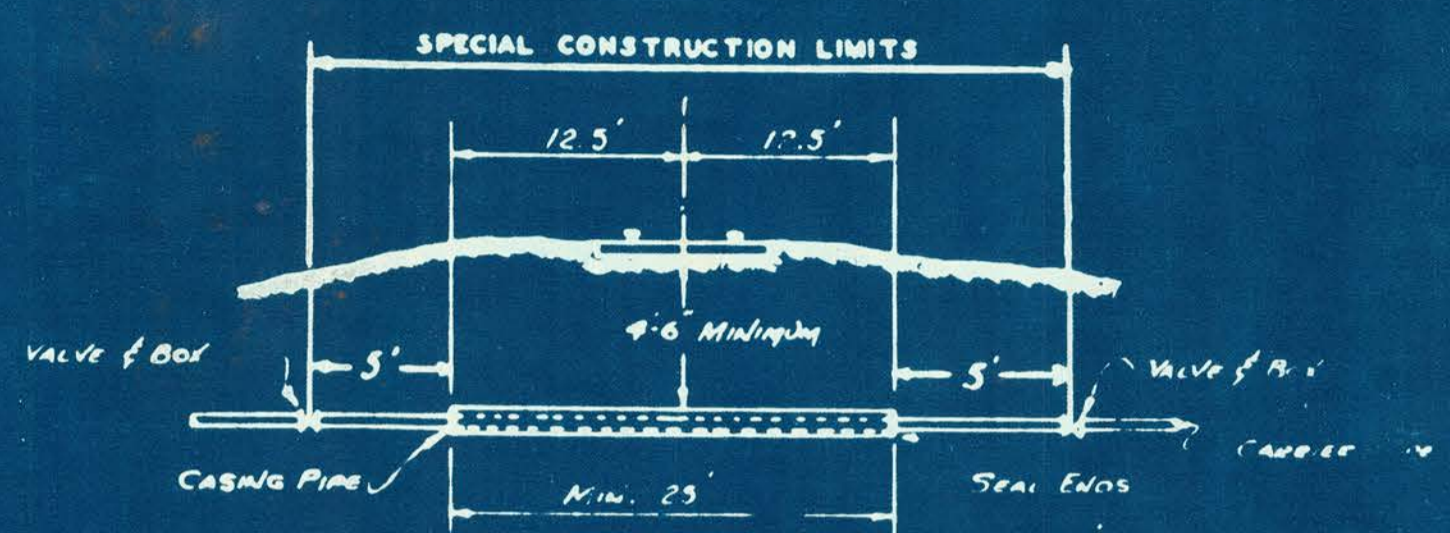
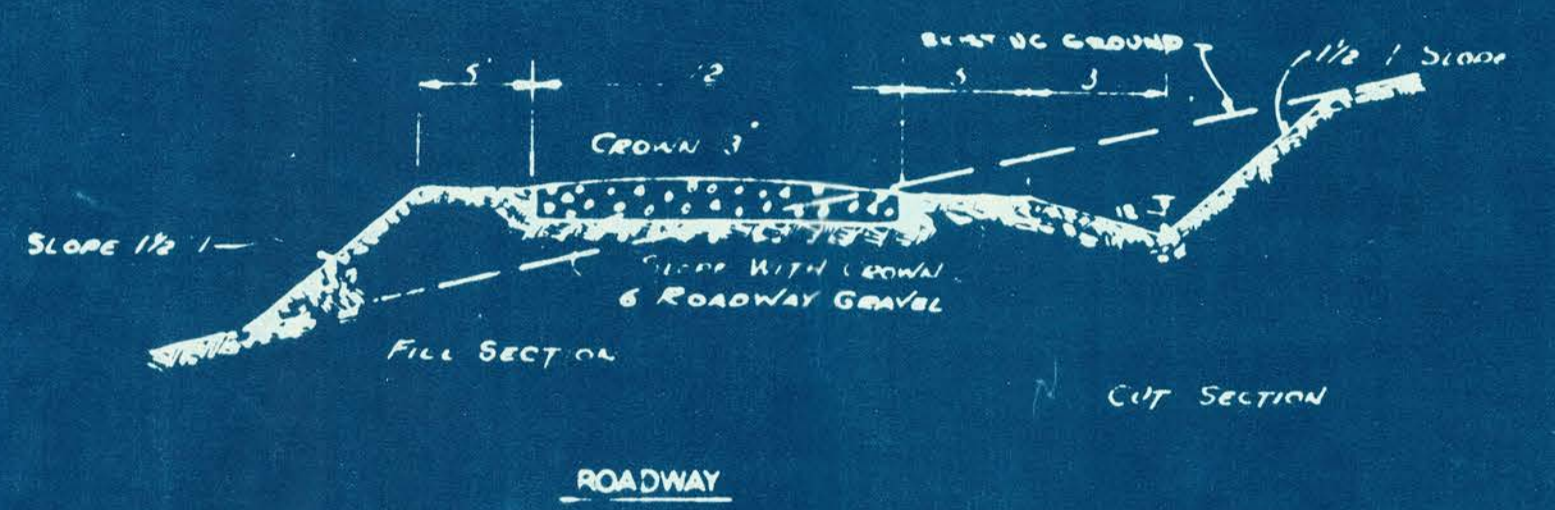
- NOTES**
- CUT-IN TYPES A, B, & C ARE TO BE USED WHEN EXISTING LINE IS UNDER PRESSURE.
  - CUT-IN TYPES D, E, & F ARE TO BE USED WHEN EXISTING LINE IS NOT UNDER PRESSURE.
  - SIZE OF ALL CUT-IN CONNECTIONS ARE SHOWN ON DISTRIBUTION MAP OR GENERAL PLAN THUS, 4" X 6", 6" X 8", 8" X 10", ETC. FIRST NO. INDICATES SIZE OF EXISTING MAIN SECOND NO. SIZE OF PROPOSED MAIN.
  - CONNECTION BETWEEN PIPES OF DIFFERENT SIZE DIAMETERS WILL BE MADE WITH STANDARD REDUCING FITTINGS, PIPE BUSHINGS ARE NOT RECOMMENDED AND WILL BE APPROVED ONLY IN CASE OF EMERGENCY.
  - OUTSIDE SERVICE CUT-IN INCLUDES ALL EQUIPMENT PIPE & FITTINGS, EXCAVATION AND BACKFILL. NUMBER OF CUT-INS WILL BE SHOWN IN PROPOSAL.
  - INSIDE SERVICE CUT-IN INCLUDES ALL EQUIPMENT PIPE & FITTINGS, INSTALLED IN EXISTING SERVICE LINE.





PAVEMENT REPLACEMENT

STANDARD KICKER BLOCKS FOR PIPE BENDS & PLUGS

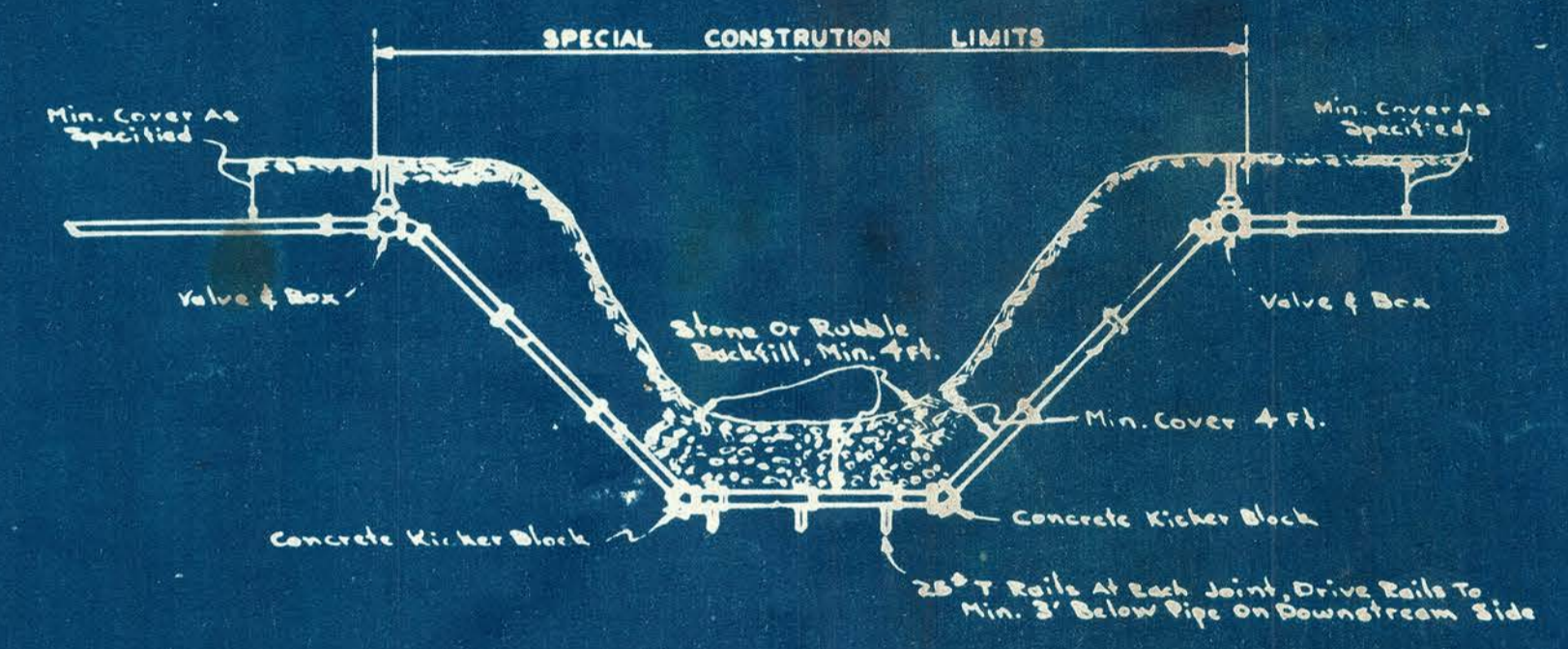


NOTE: CASING SHALL EXTEND EACH SIDE FROM THE CENTER LINE ON THE OUTSIDE SPACE, MEASURED AT RIGHT ANGLES, A MINIMUM DISTANCE OF 12.5 FEET.  
NOTE: SPECIAL CONSTRUCTION SHALL INCLUDE VALVE AS DETAILED.  
NOTE: SIZE & TYPE OF CASING TO SUIT A.R.E.A. REQUIREMENTS AND/OR INDIVIDUAL RAILROAD.  
NOTE: CONTRACTOR TO CHECK WITH INDIVIDUAL RAILROADS ON SPECIAL REQUIREMENTS.

RAILROAD CROSSING



DROP INLET



STREAM CROSSING



**PAGE 190 REDACTED DUE TO  
HOMELAND SECURITY CONCERNS**


# WATERWORKS SYSTEM IMPROVEMENTS

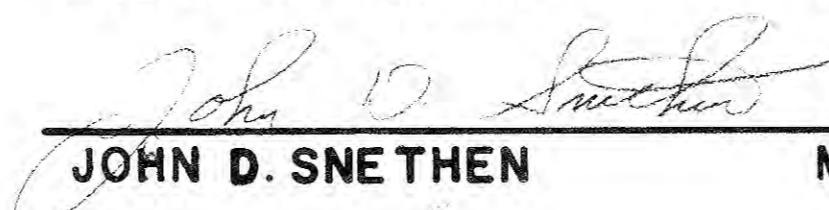
## FOR THE TOWN OF


# SHERIDAN, INDIANA

DIVISION I- WATER MAINS AND PLANT IMPROVEMENTS  
DIVISION II- ELEVATED WATER STORAGE TANK


APPROVED BY:  
TOWN BOARD OF TRUSTEES

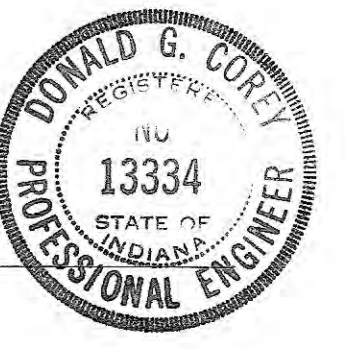
  
WILLIAM M. INMAN      PRESIDENT

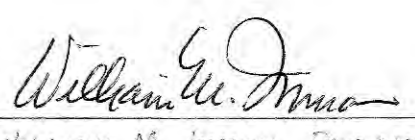
  
JOHN D. SNETHEN      MEMBER

  
CLEO R. GOTSHALL      MEMBER

EASEMENT DRAWINGS  
FOR  
WATERWORKS SYSTEM IMPROVEMENTS  
SHERIDAN, INDIANA

CERTIFIED BY:   
DONALD G. COREY


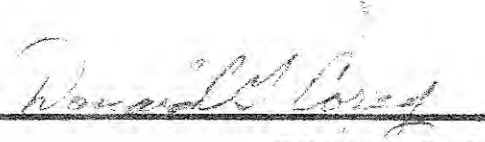


APPROVED BY:   
WILLIAM M. INMAN, PRESIDENT  
TOWN BOARD OF TRUSTEES

**M.D. WESSLER & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
INDIANAPOLIS, INDIANA

MARCH 20, 1985

CERTIFIED BY:

	 MELVIN D. WESSLER REGISTERED ENGINEER STATE OF INDIANA NO. 12215
	 DONALD G. COREY REGISTERED ENGINEER STATE OF INDIANA NO. 13334

**UTILITIES**

**WATER**  
Sheridan Water Works  
507 South Ohio  
Sheridan, IN  
(317) 758-5326  
Timmons Drugs  
(317) 758-4594

**GAS**  
Indiana Gas  
15900 Allisonville Road  
Noblesville, IN  
(317) 773-0430

**TELEPHONE**  
Indiana Bell Telephone Company  
Underground  
(800) 382-5544

**ELECTRIC**  
Public Service Indiana  
300 South Main  
Sheridan, IN  
(317) 758-4417

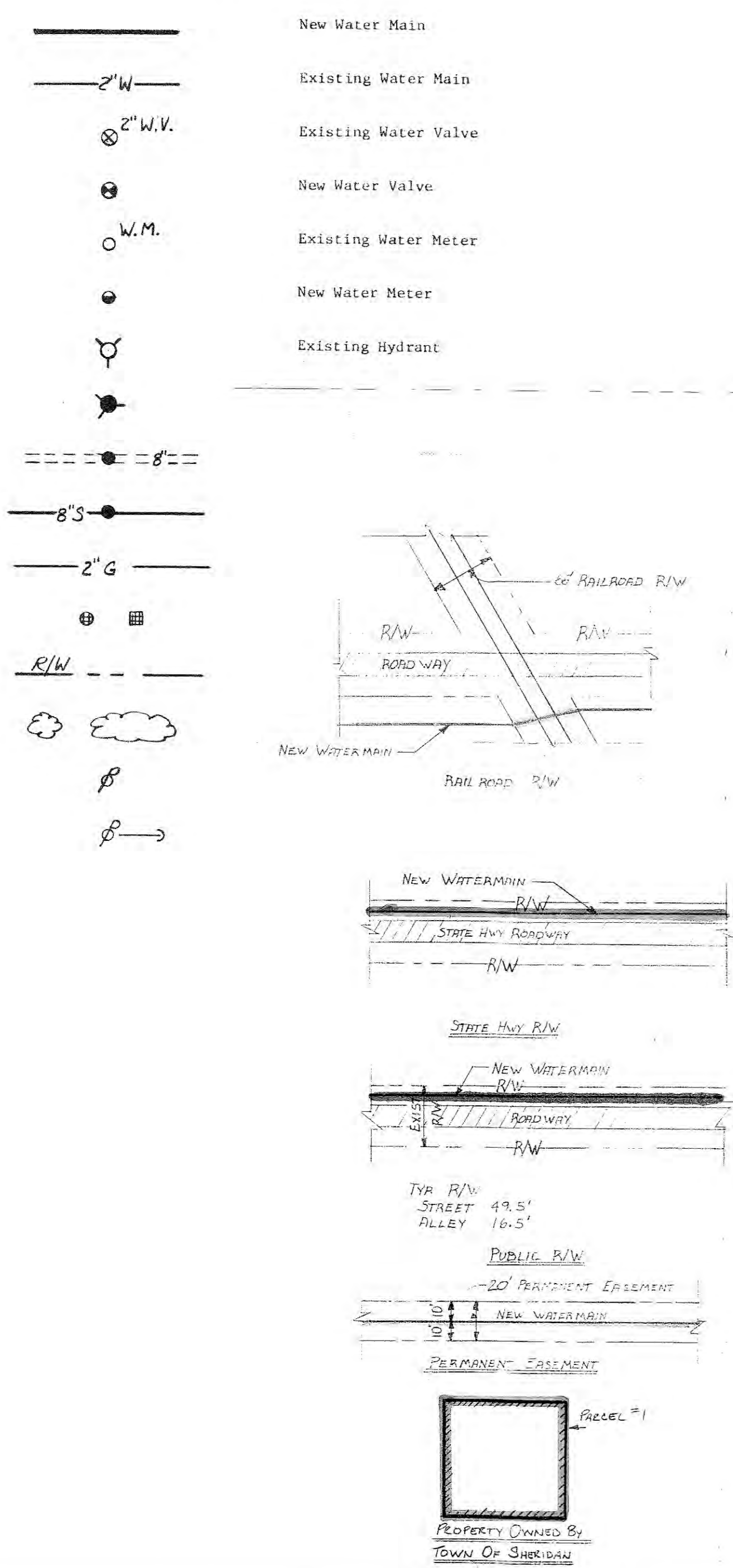
**SEWER**  
Town of Sheridan  
506 South Main  
Sheridan, IN  
(317) 758-5293

**CABLE TV**  
Quality CATV  
504 South Ohio  
Sheridan, IN  
(317) 758-4473

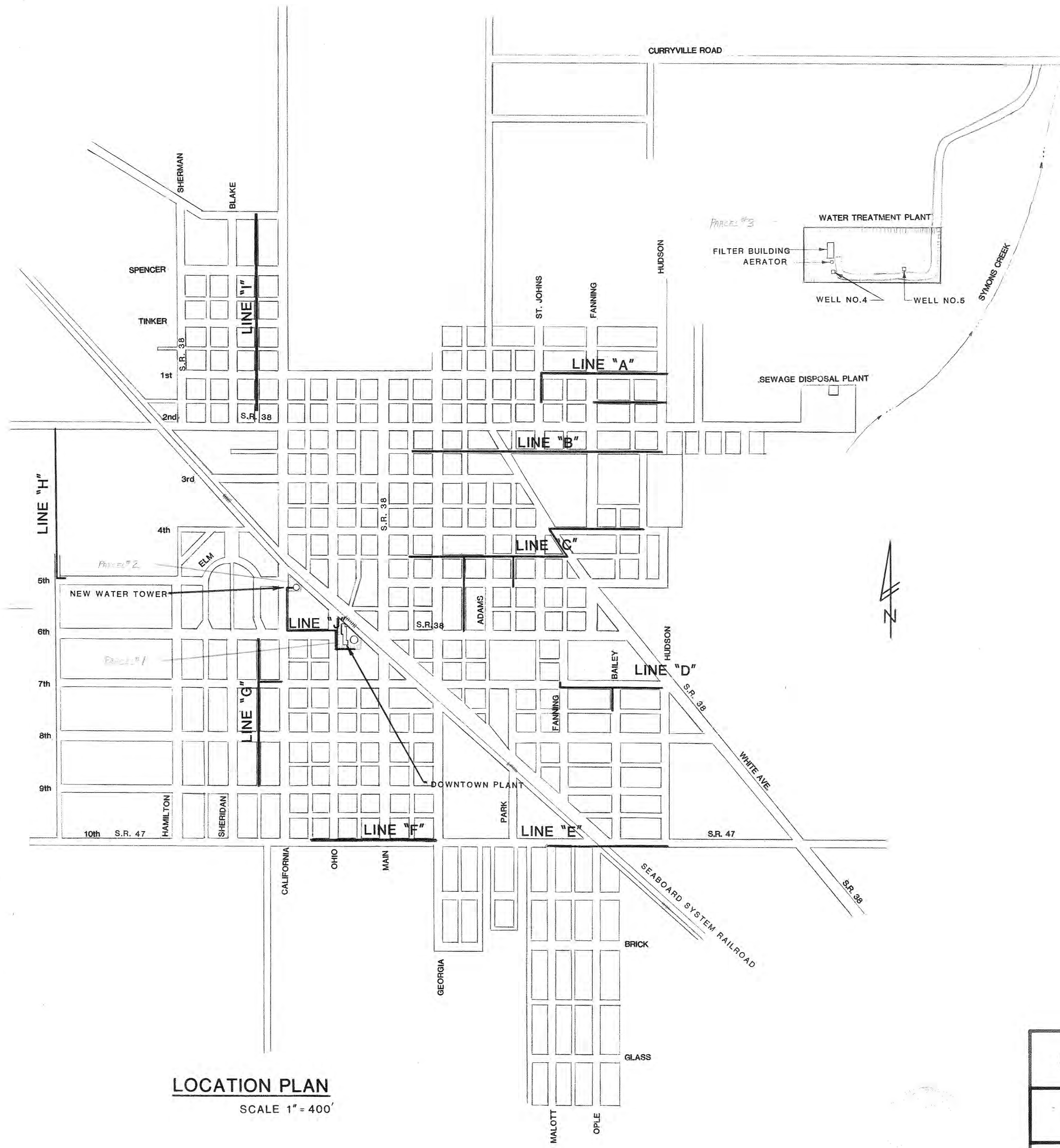
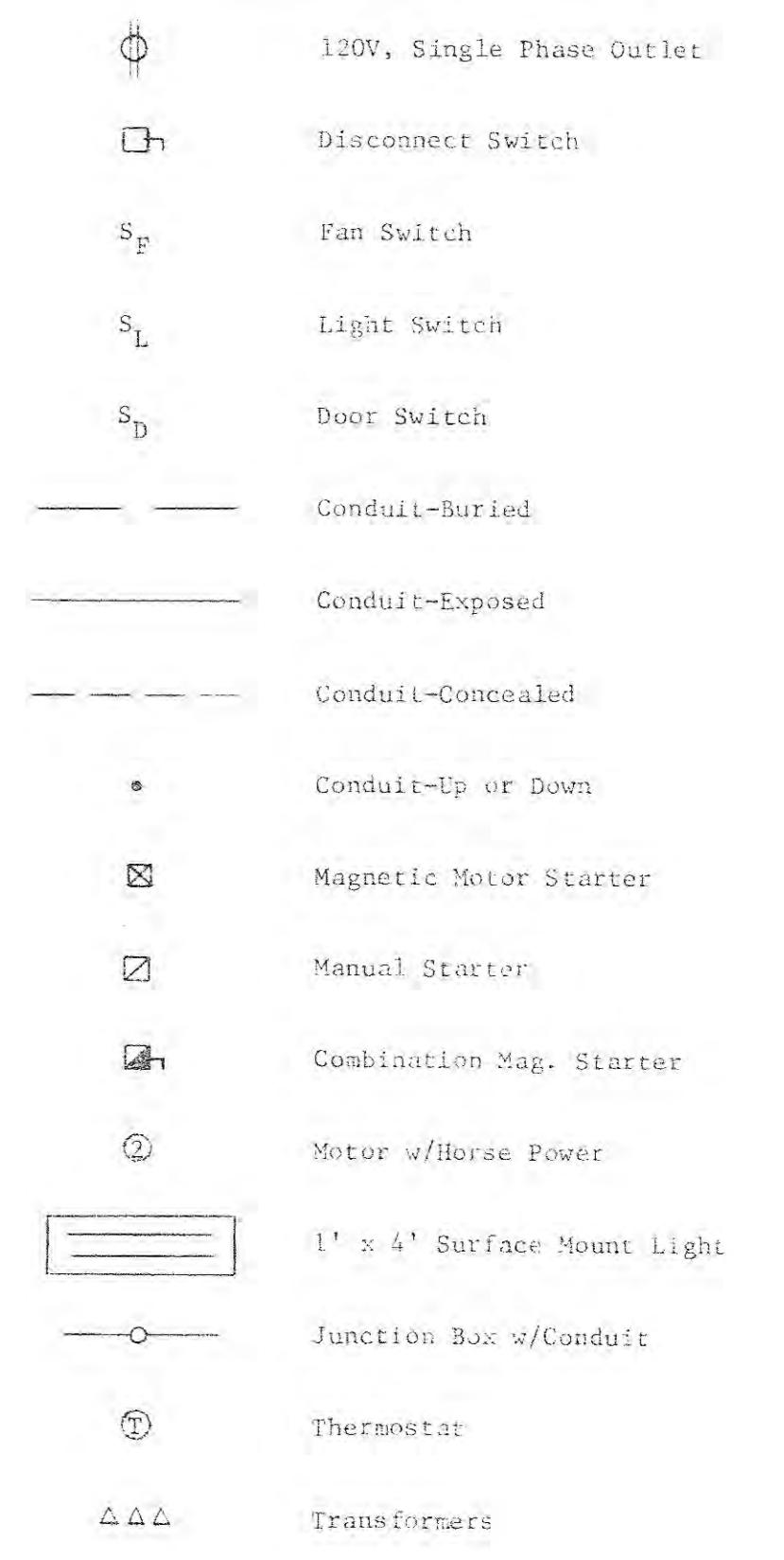
**PLAN SHEET INDEX**

Sheet No.	Sheet Description
1	Title Sheet
2	Location Map and Sheet Index
Division I	
3	Plan - Lines "A" & "B"
4	Plan - Line "C"
5	Plan - Lines "D" & "E"
6	Plan - Lines "F" & "G"
7	Plan - Lines "H" & "I"
8	Plan - Line "J" and Details
9	Downtown Plant and Control Room
10	Well Field and Treatment Plant
Division II	
11	Elevated Water Storage Tank Details

**GENERAL LEGEND**



**ELECTRICAL LEGEND**



**LOCATION PLAN**  
SCALE 1" = 400'

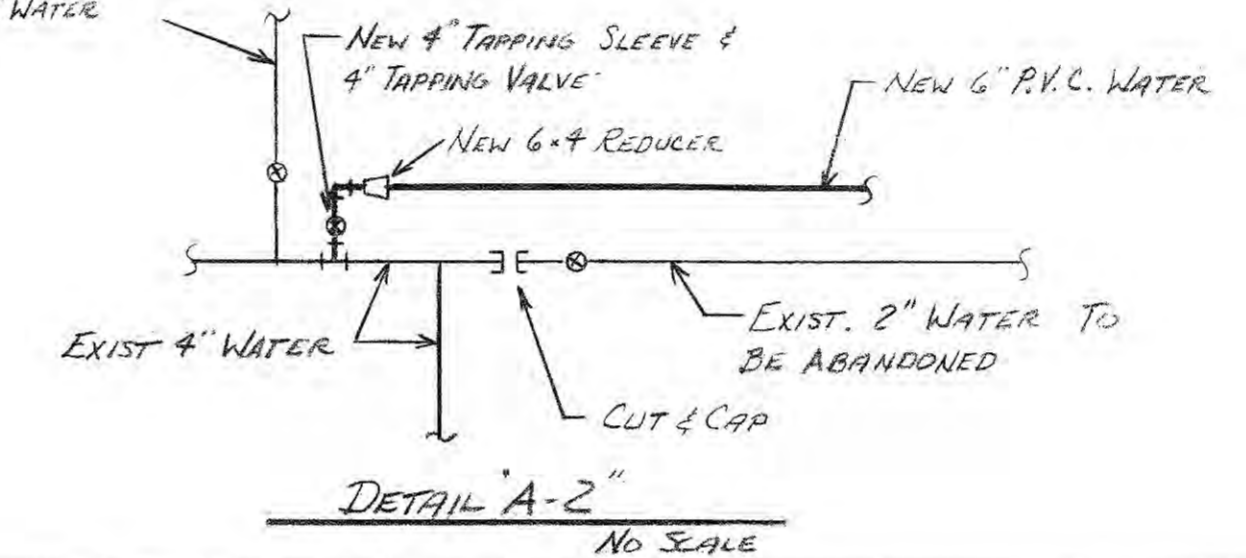
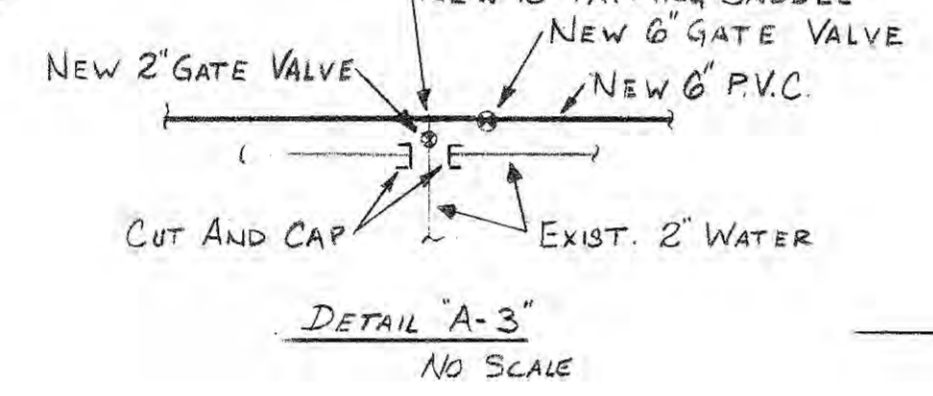
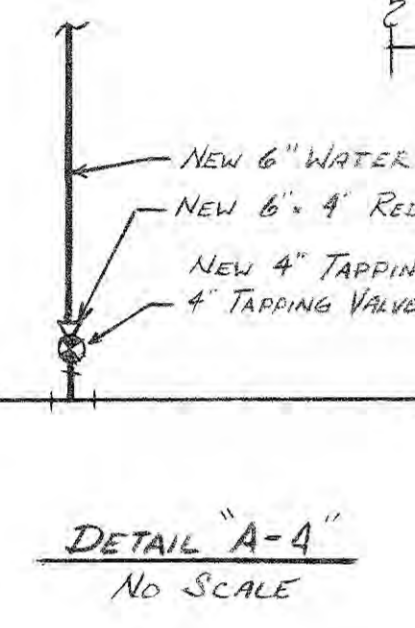
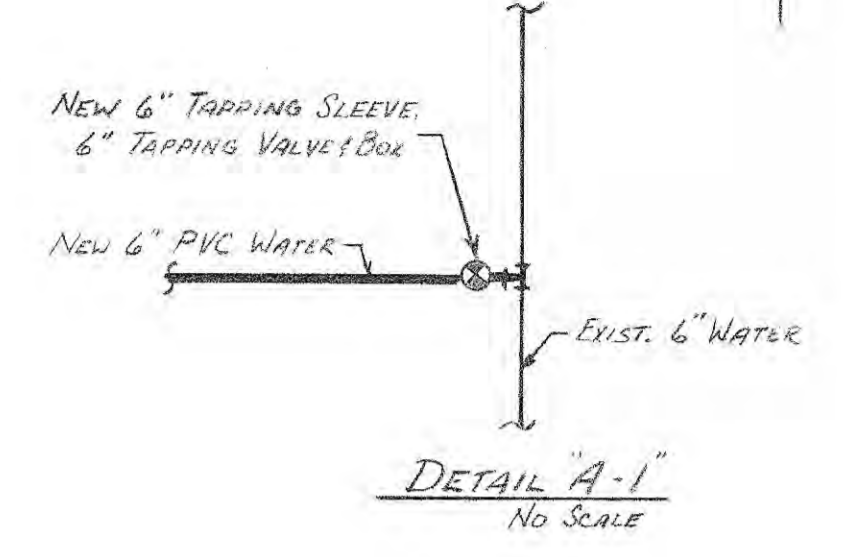
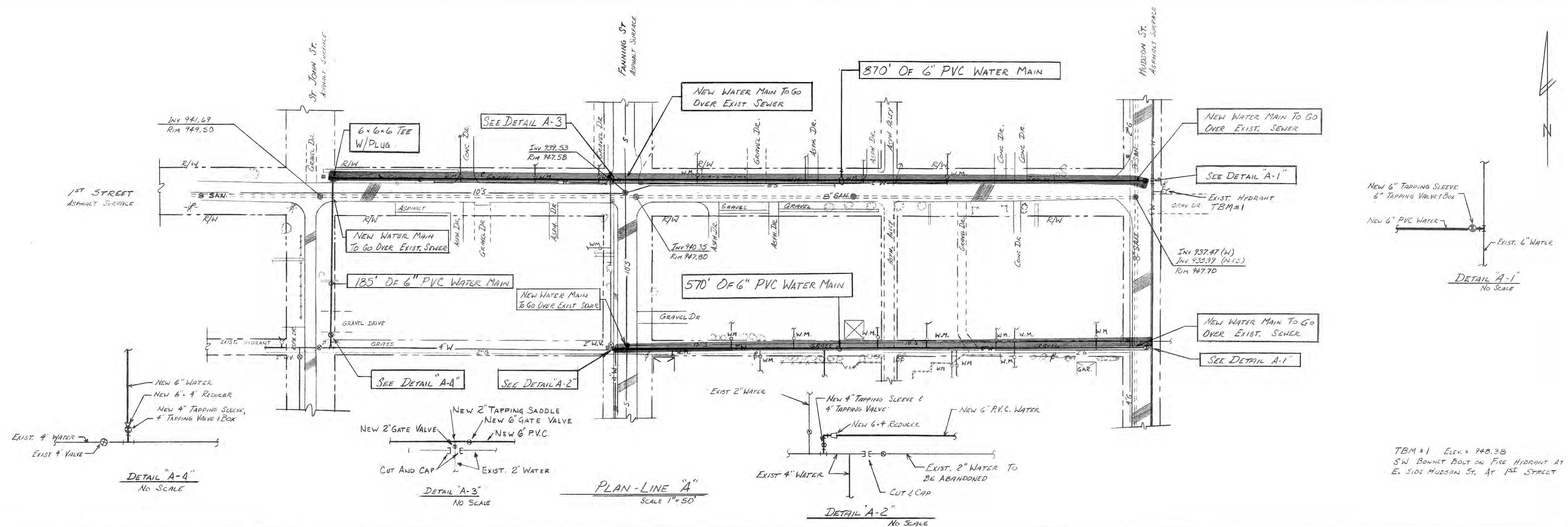
**LOCATION MAP & SHEET INDEX**

**WATERWORKS SYSTEM IMPROVEMENTS FOR THE TOWN OF SHERIDAN, INDIANA**

**M. D. WESSLER & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
INDIANAPOLIS, INDIANA

SCALE: As Shown  
DATE: 3-20-85  
DRAWN BY: RCG  
APPROVED BY: DGC  
PROJECT NO.: 19283-03  
SHEET NO.: 2 of 11

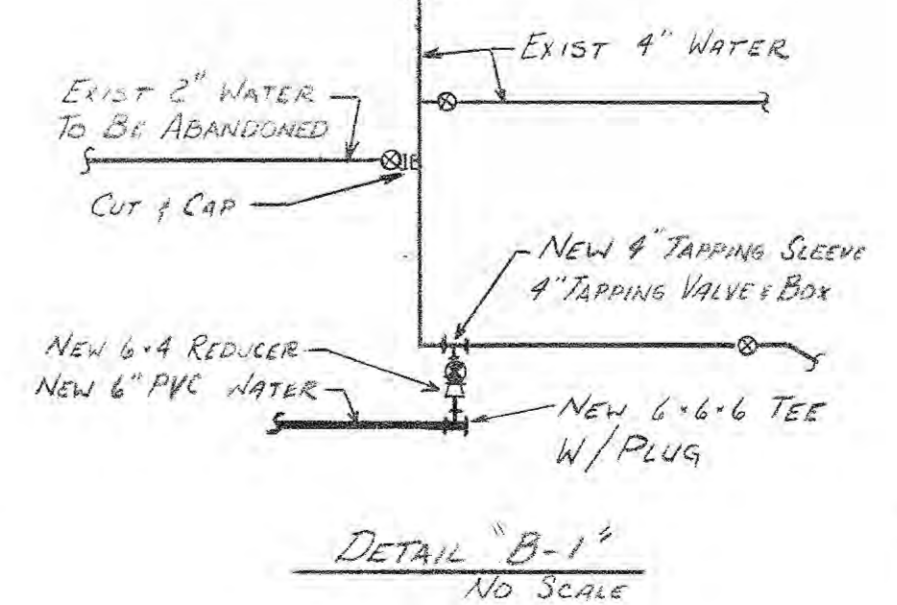
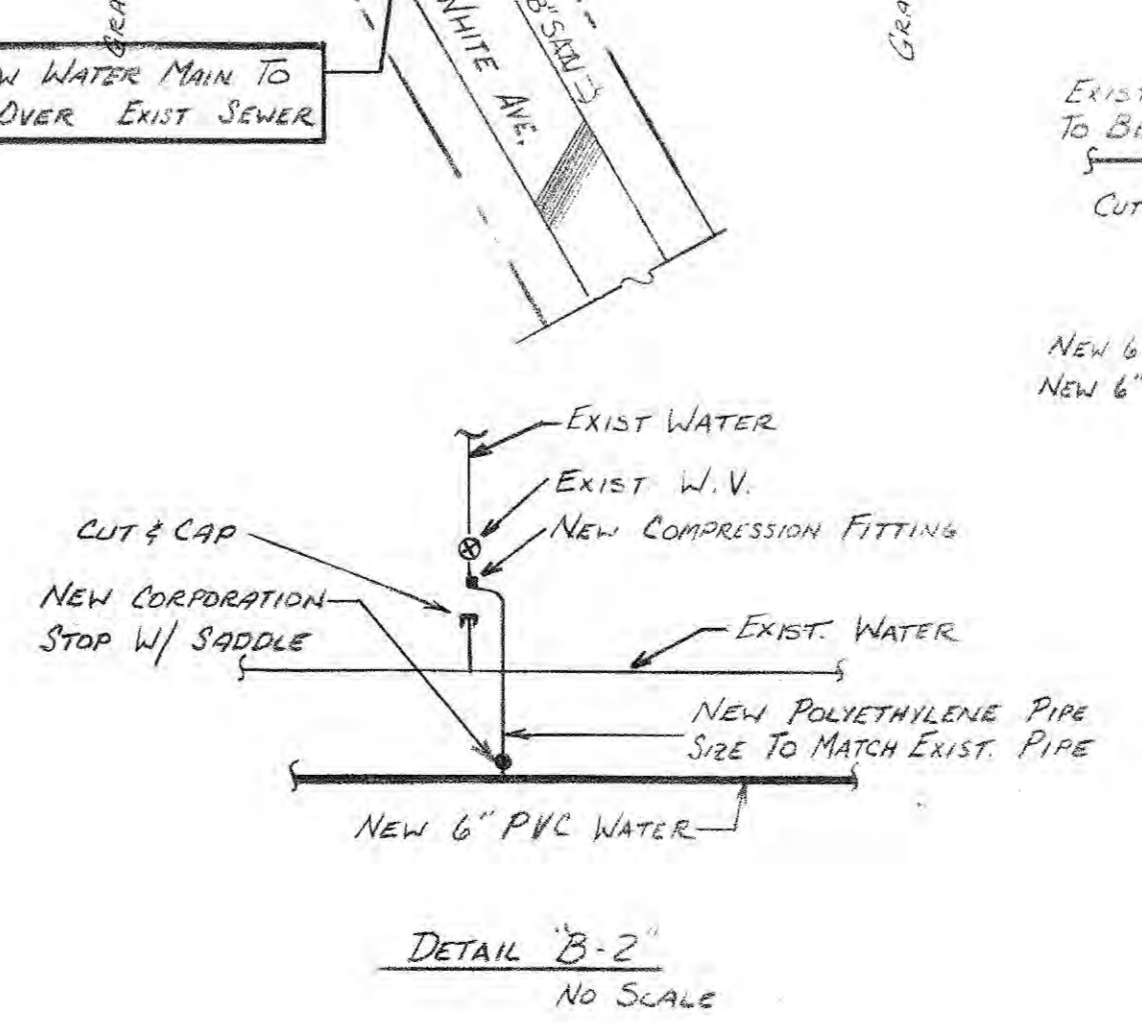
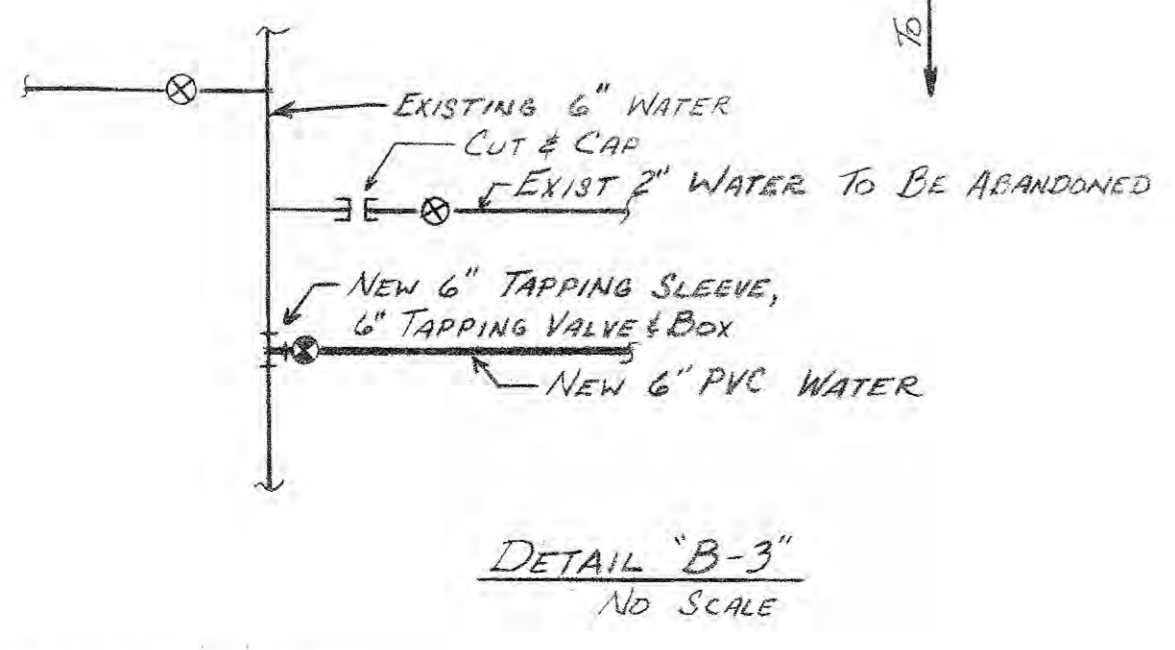
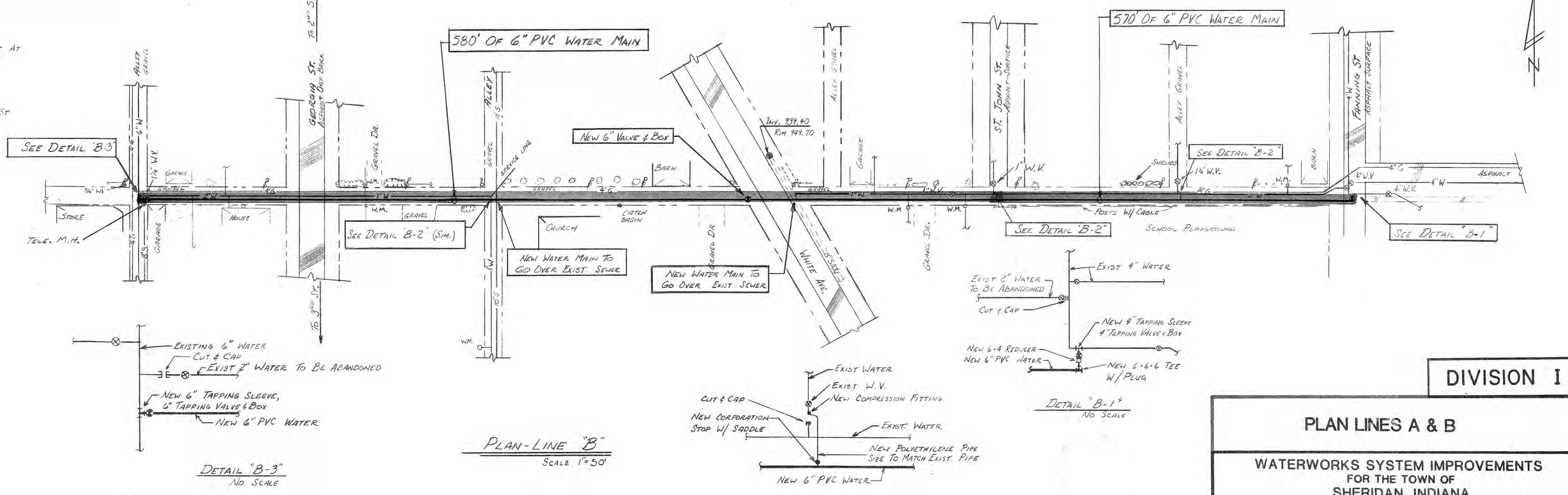
*Ronald C. Wessler*



TBM #1 Elev. = 948.38  
SW BONNET BOLT ON FIRE HYDRANT AT  
E. SIDE HUDSON ST. AT 1ST STREET

TBM #2 Elev. 951.13  
NW BONNET BOLT ON FIRE HYDRANT AT  
NW CORNER 2ND ST. & ADAMS ST

TBM #3 Elev. 947.52  
SW BONNET BOLT ON FIRE HYDRANT  
AT NW CORNER 2ND ST. & FANNING ST



PLAN NOTE: All existing locations, sizes and inverts of existing utilities are shown based on best information available. However, the Engineer does not guarantee or assure that such information is true or even approximate. This Contractor shall determine which utilities may conflict with his work and verify their locations, sizes and inverts, etc.; adjust his work accordingly; and notify the Engineer of any such conflicts. Contractor shall refer to applicable sections of the Specifications relative to the above.

**DIVISION I**

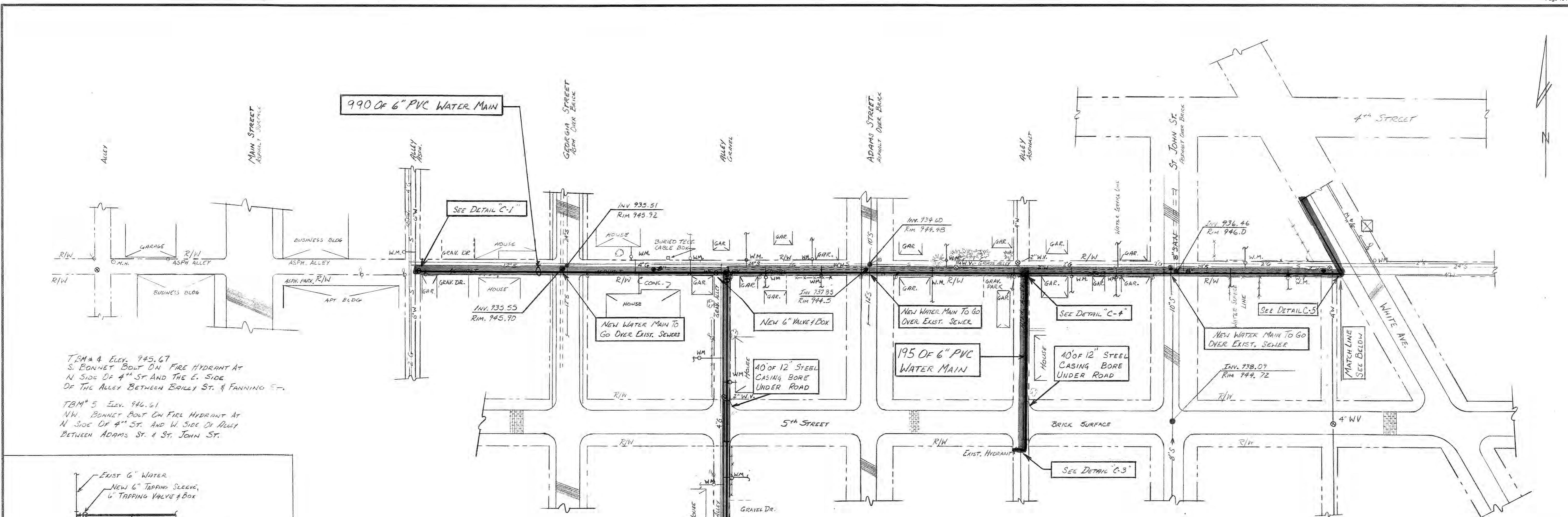
**PLAN LINES A & B**

**WATERWORKS SYSTEM IMPROVEMENTS  
FOR THE TOWN OF  
SHERIDAN, INDIANA**

**M. D. WESSLER & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
INDIANAPOLIS, INDIANA

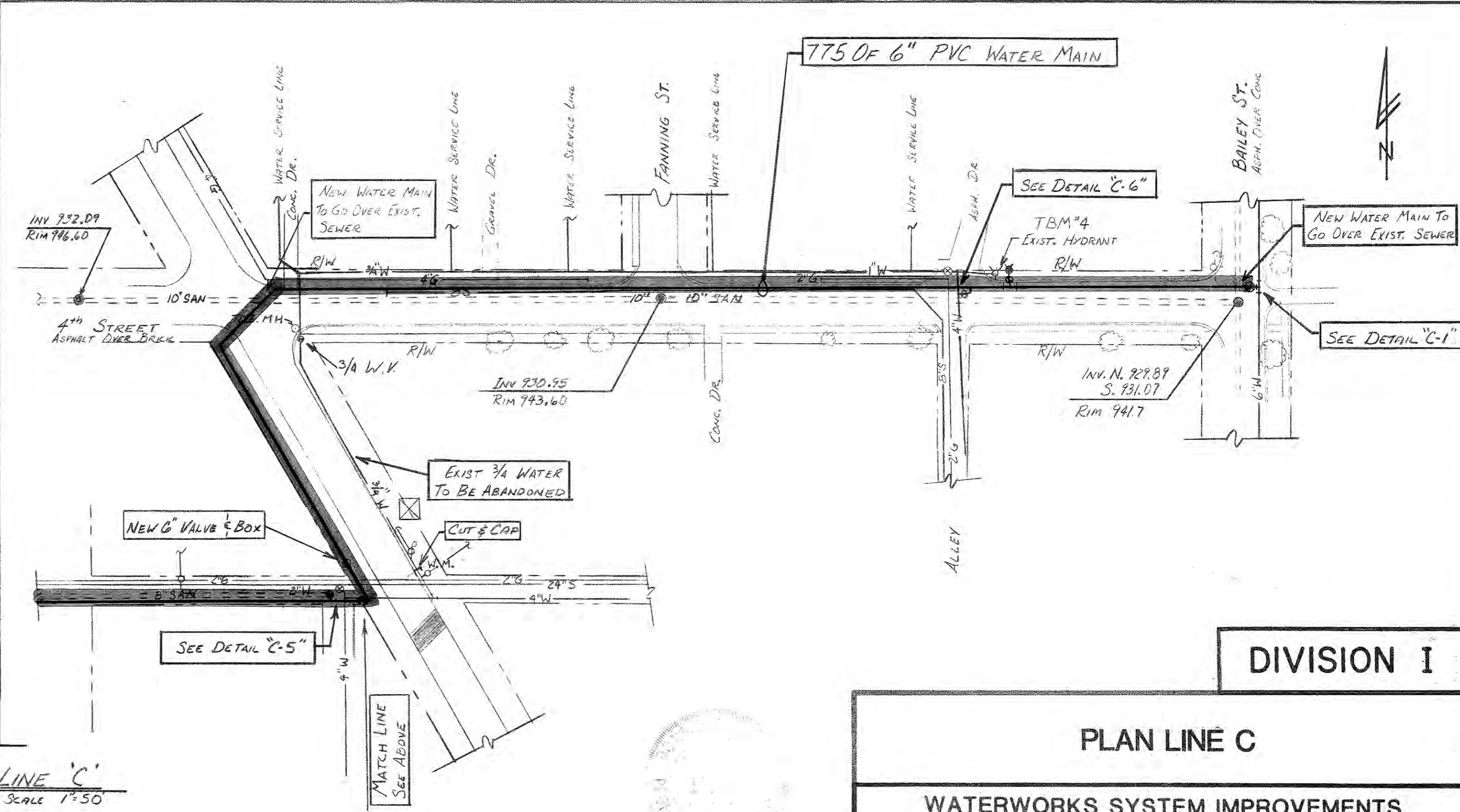
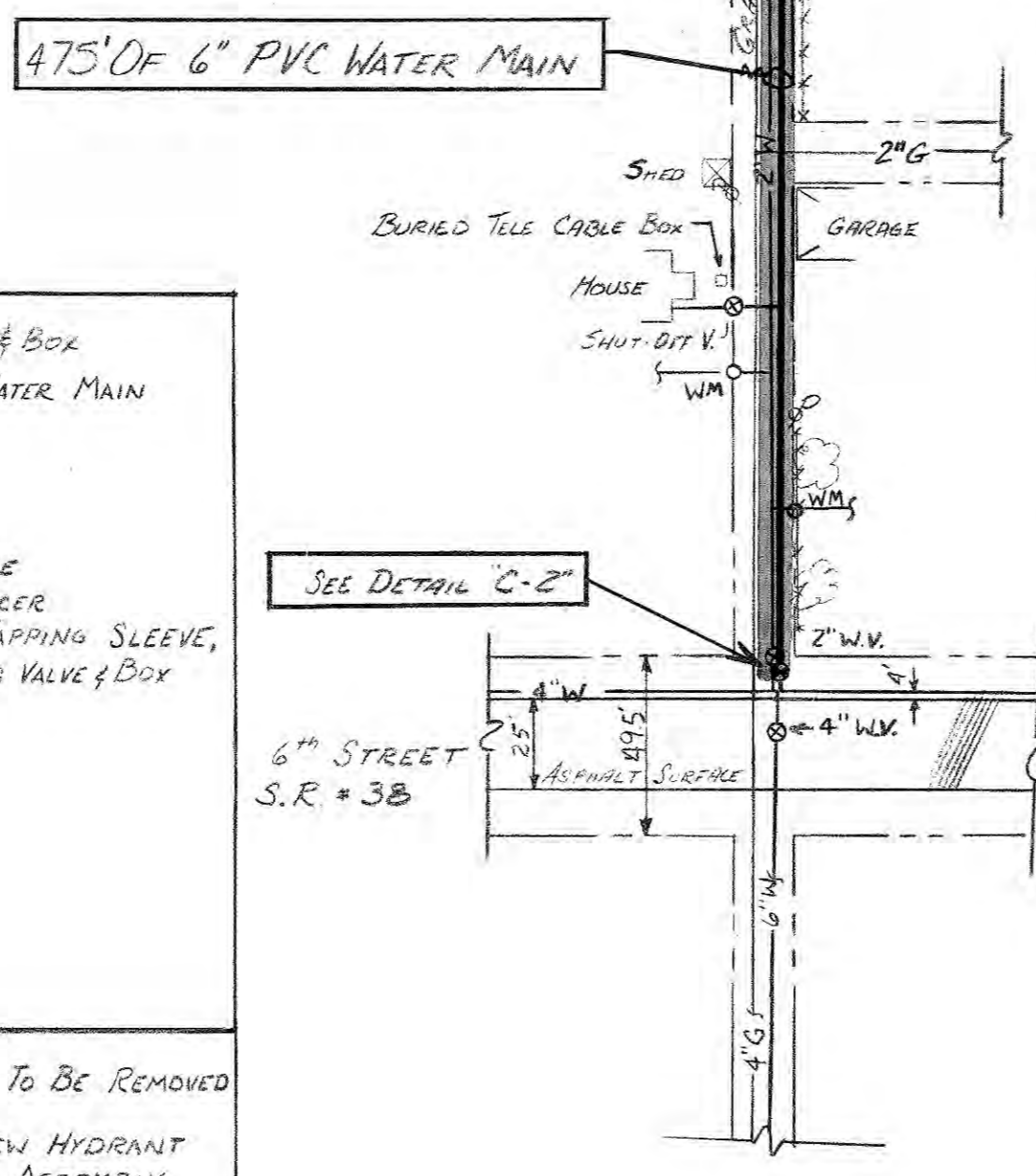
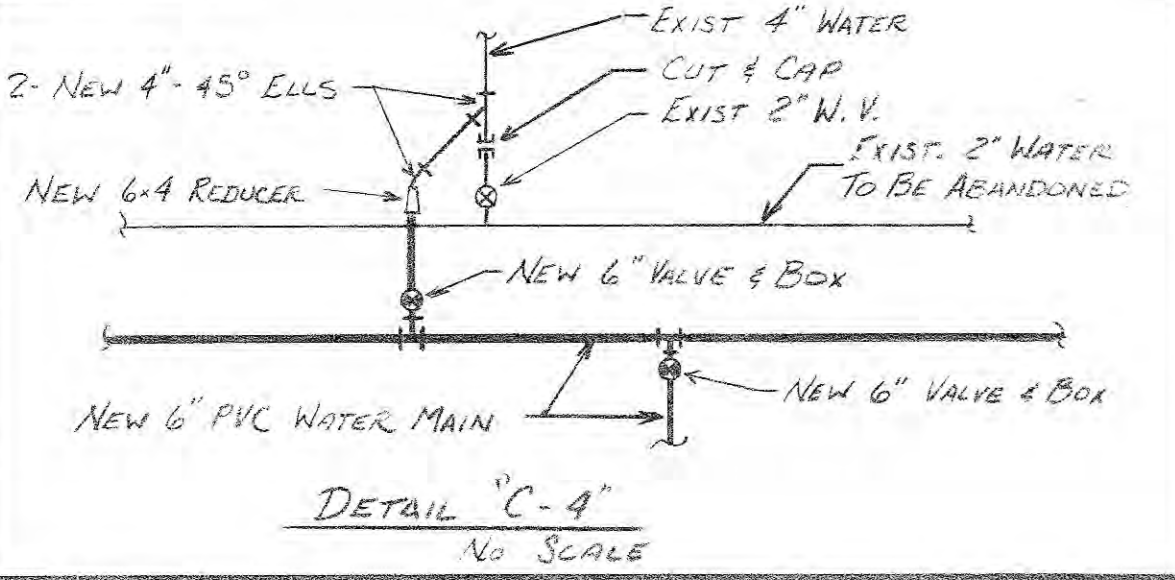
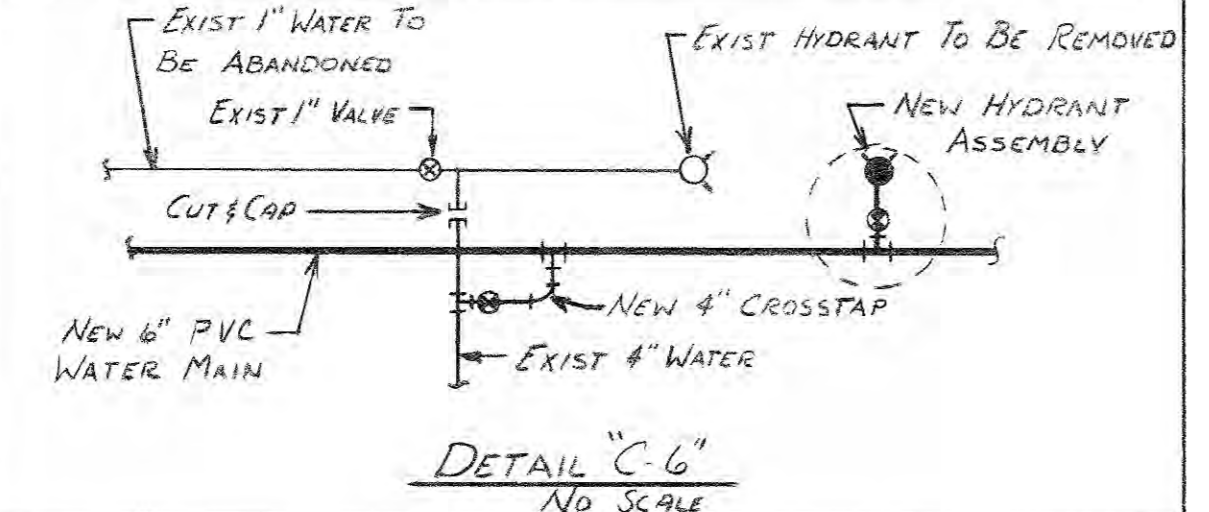
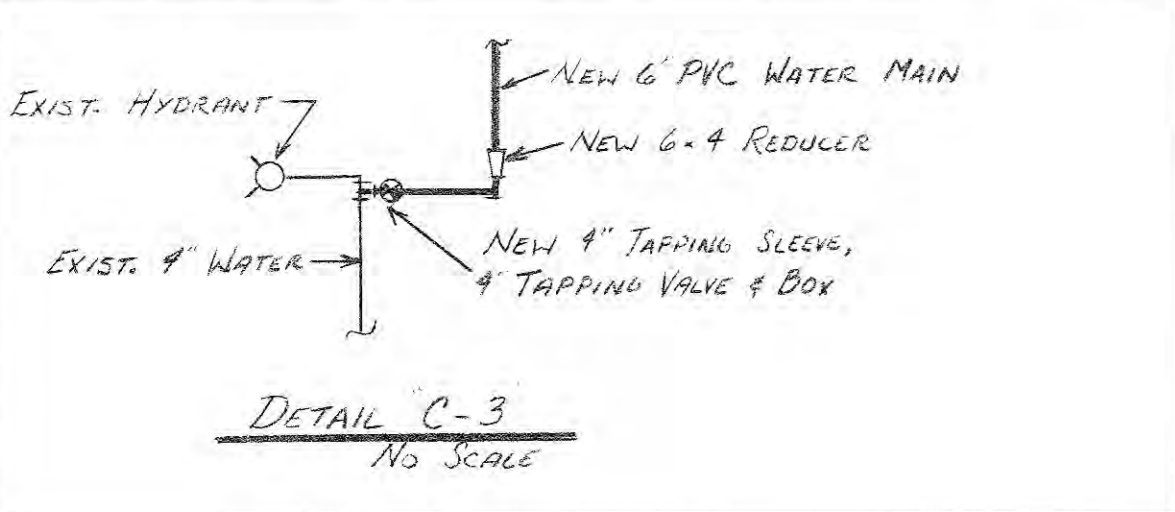
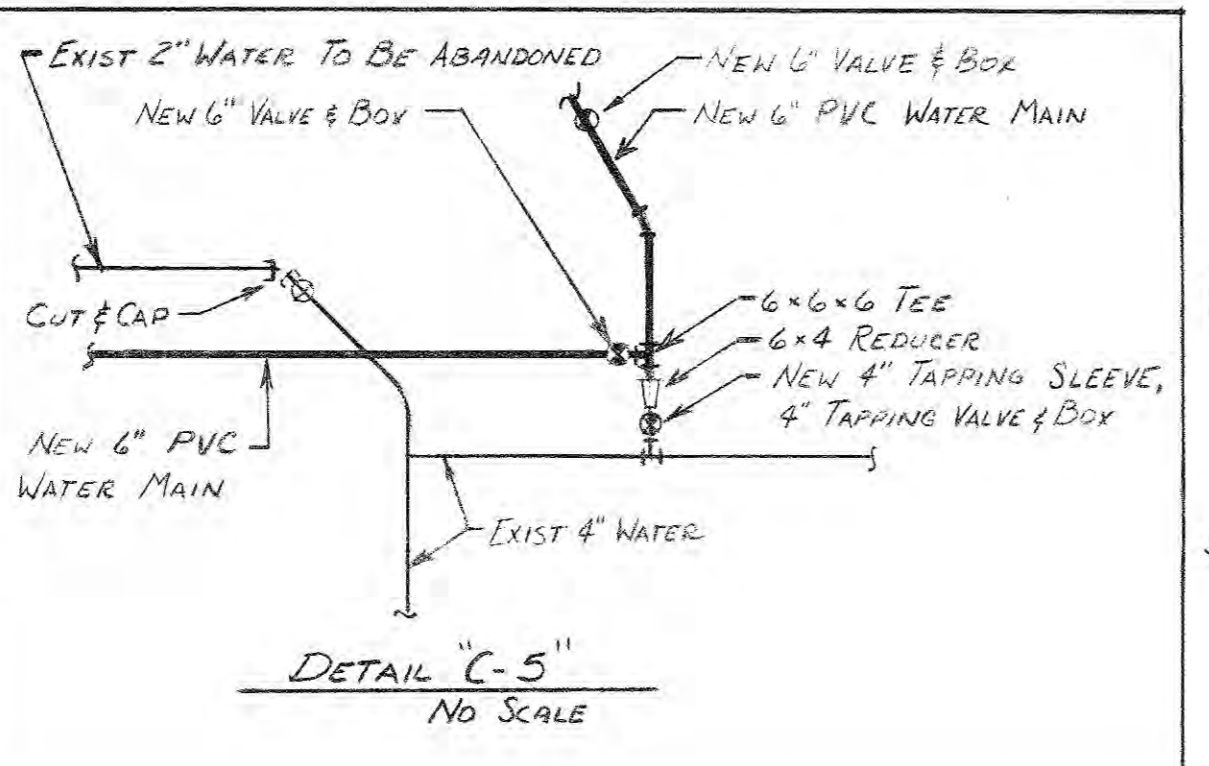
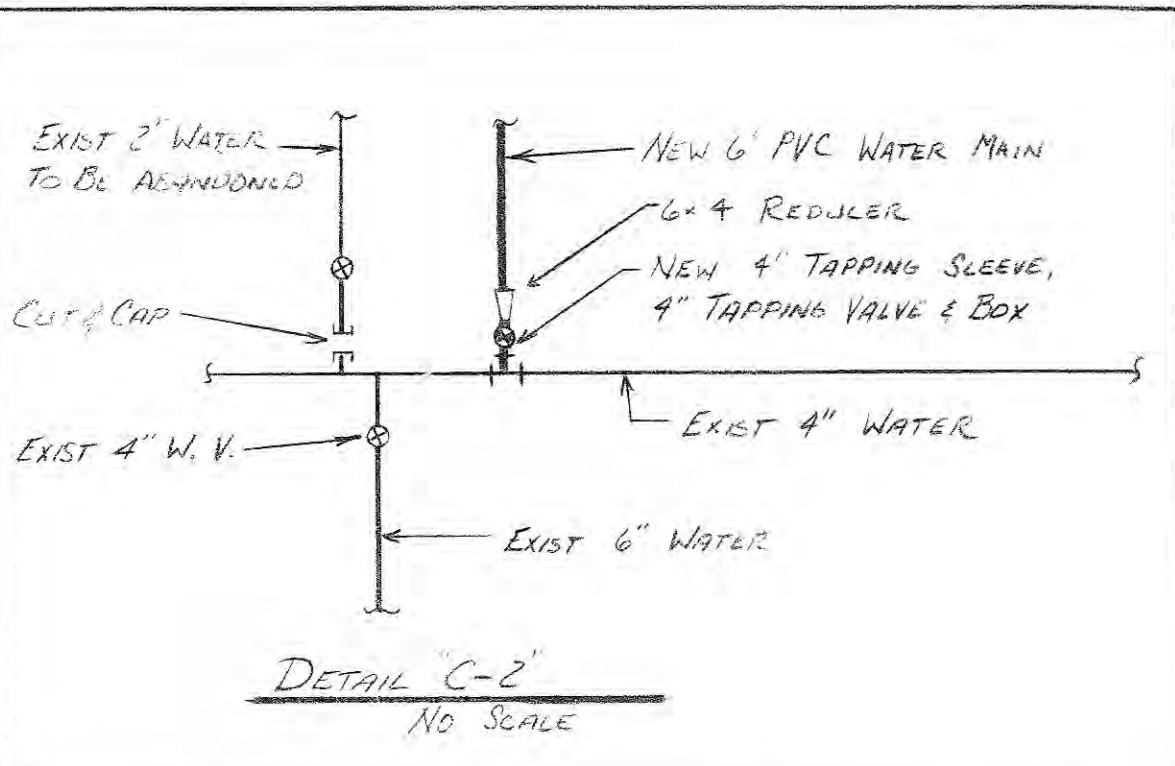
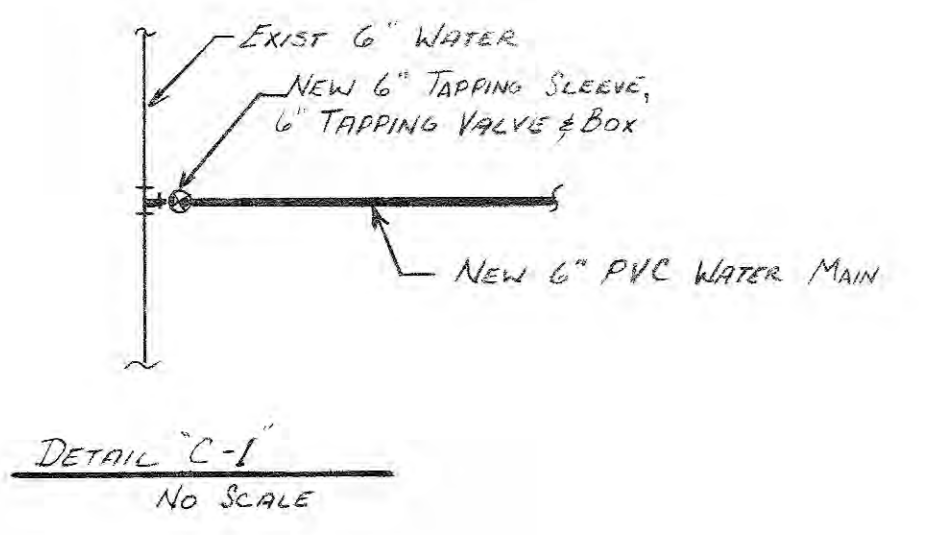
SCALE: 1"=50'	DRAWN BY: RCG	PROJECT NO.: 19283-03
DATE: 3-20-85	APPROVED BY: DGC	SHEET NO.: 3 of 11

*Ronald J. Long*



TBM # 4 Elev. 945.67  
S. BONNET BOLT ON FIRE HYDRANT AT  
N. SIDE OF 4<sup>th</sup> ST AND THE E. SIDE  
OF THE ALLEY BETWEEN BAILEY ST. & FANNING ST.

TBM # 5 Elev. 946.61  
NW BONNET BOLT ON FIRE HYDRANT AT  
N. SIDE OF 4<sup>th</sup> ST. AND W. SIDE OF ALLEY  
BETWEEN ADAMS ST. & ST. JOHN ST.



PLAN - LINE 'C'  
Scale 1" = 50'

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David L. [Signature]

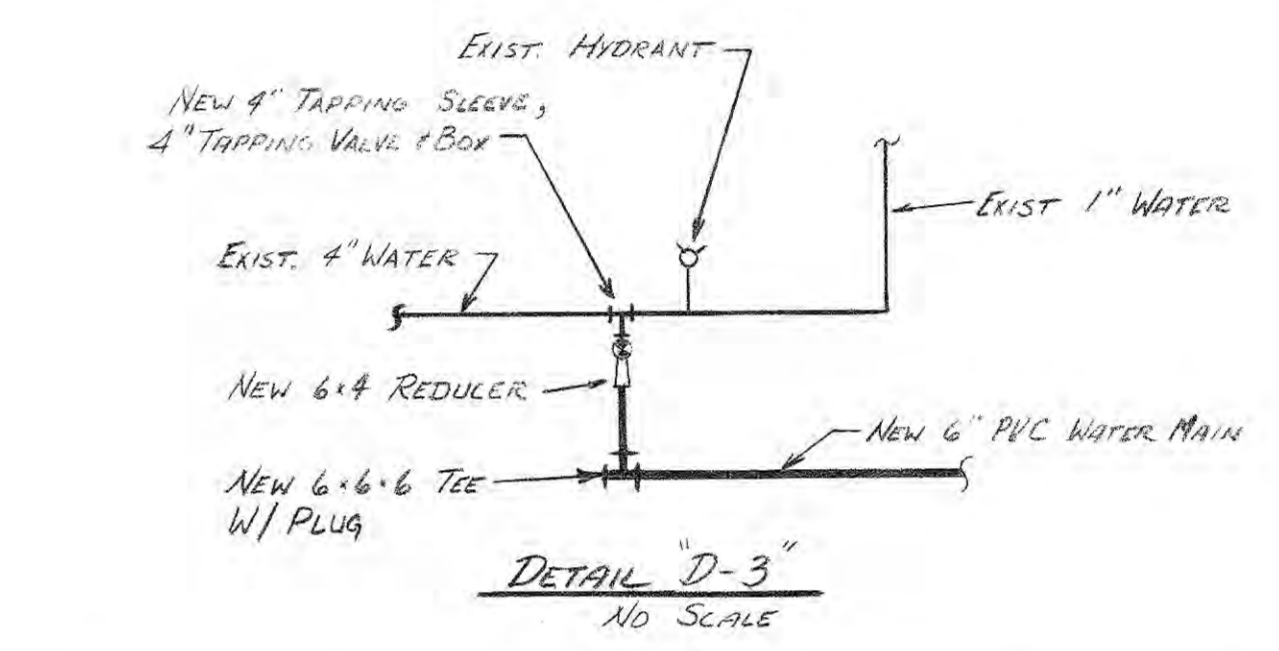
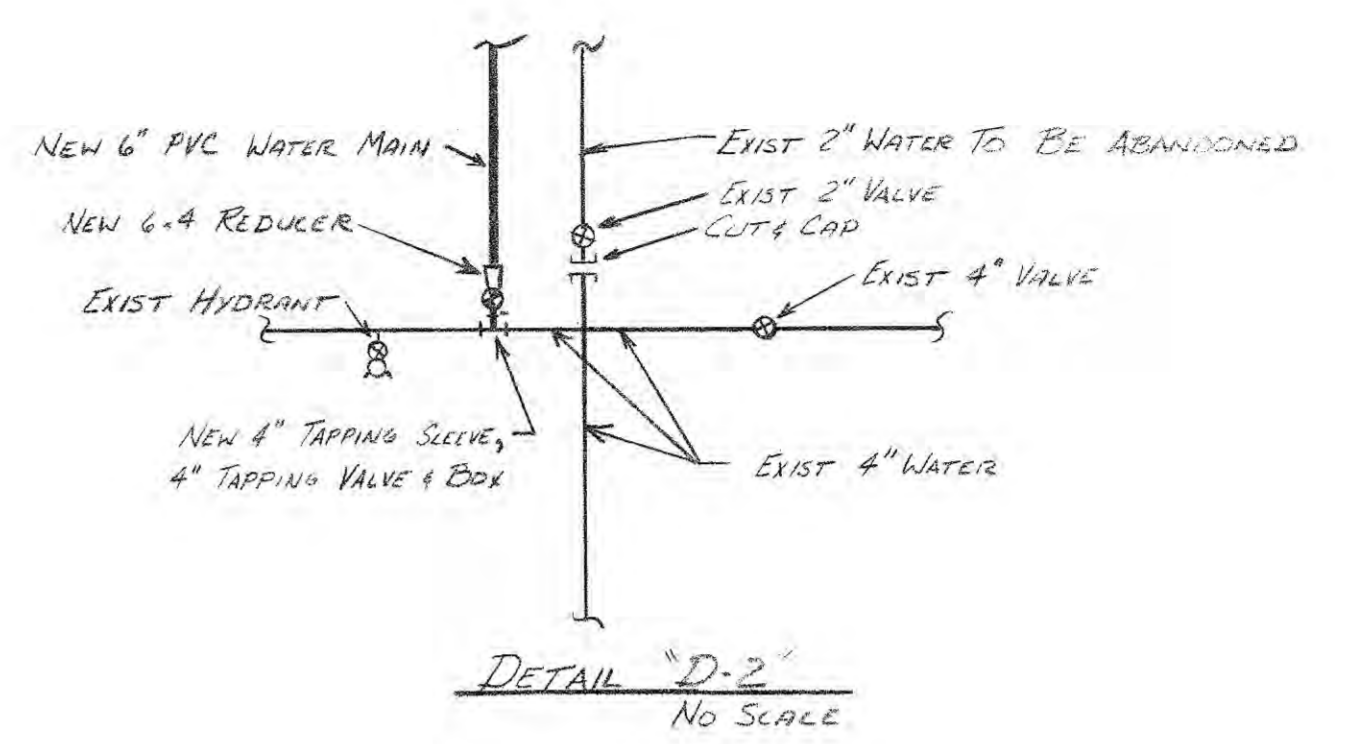
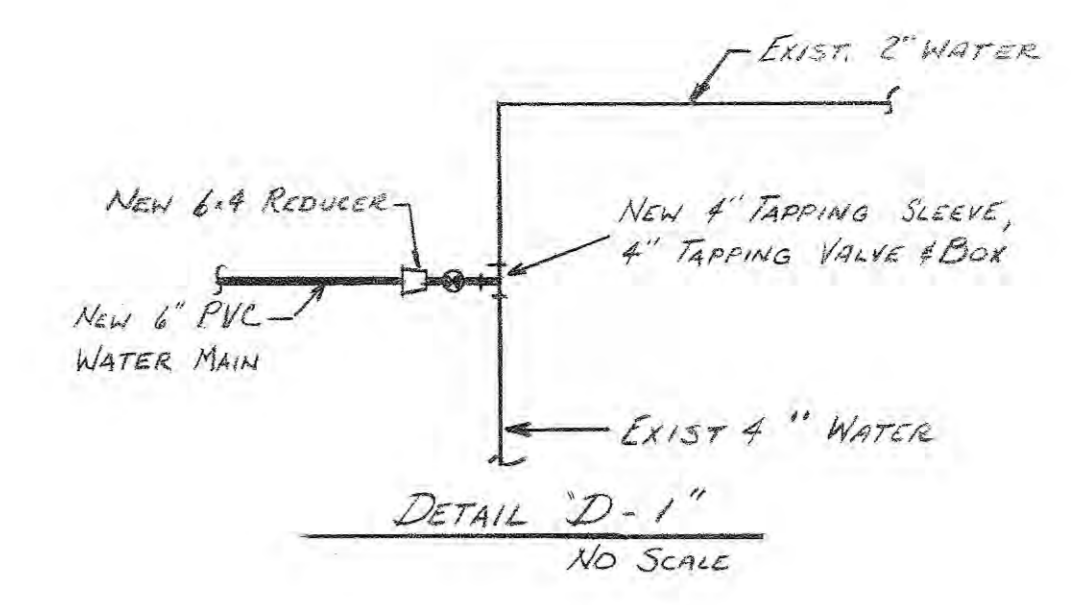
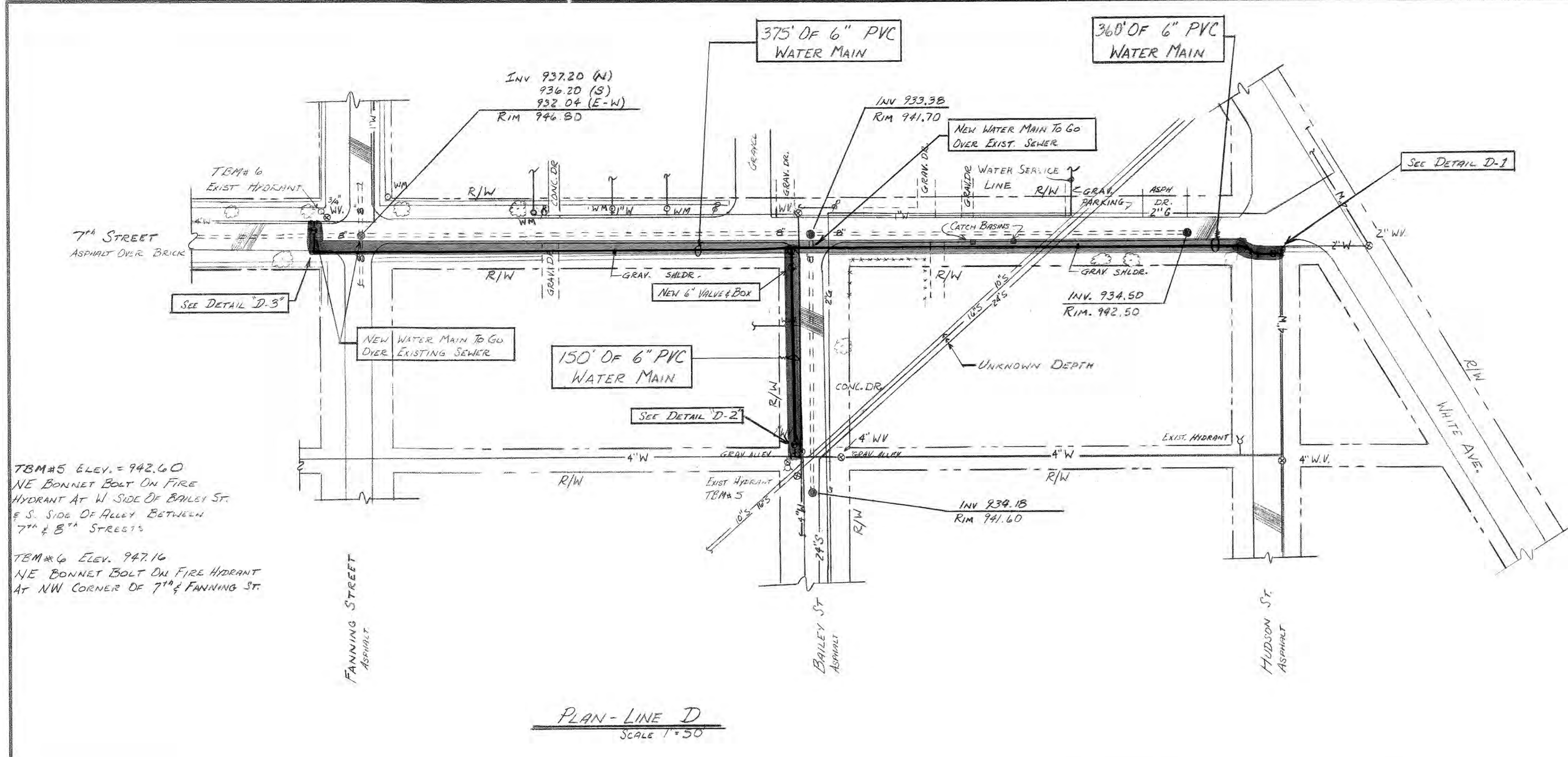
**DIVISION I**

**PLAN LINE C**

**WATERWORKS SYSTEM IMPROVEMENTS  
FOR THE TOWN OF  
SHERIDAN, INDIANA**

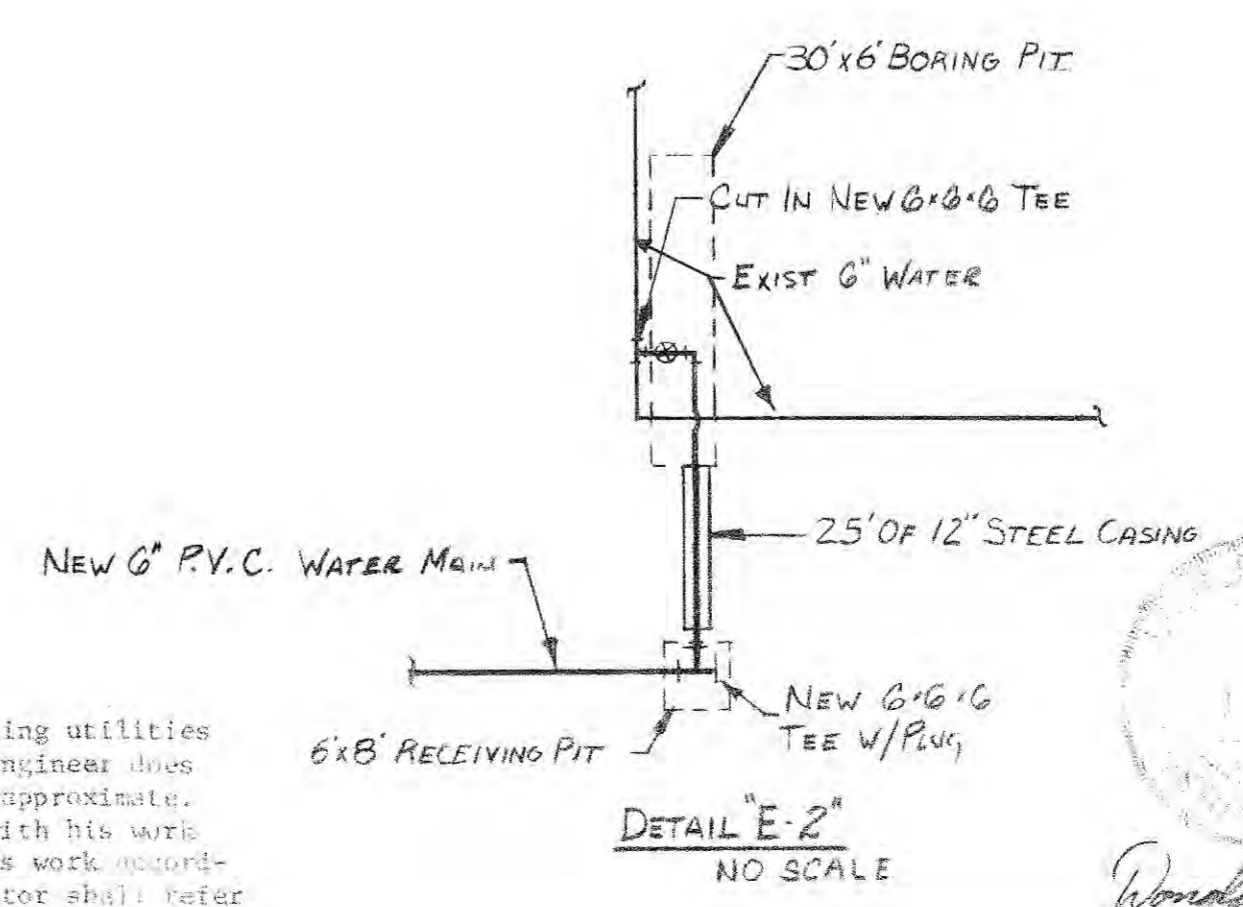
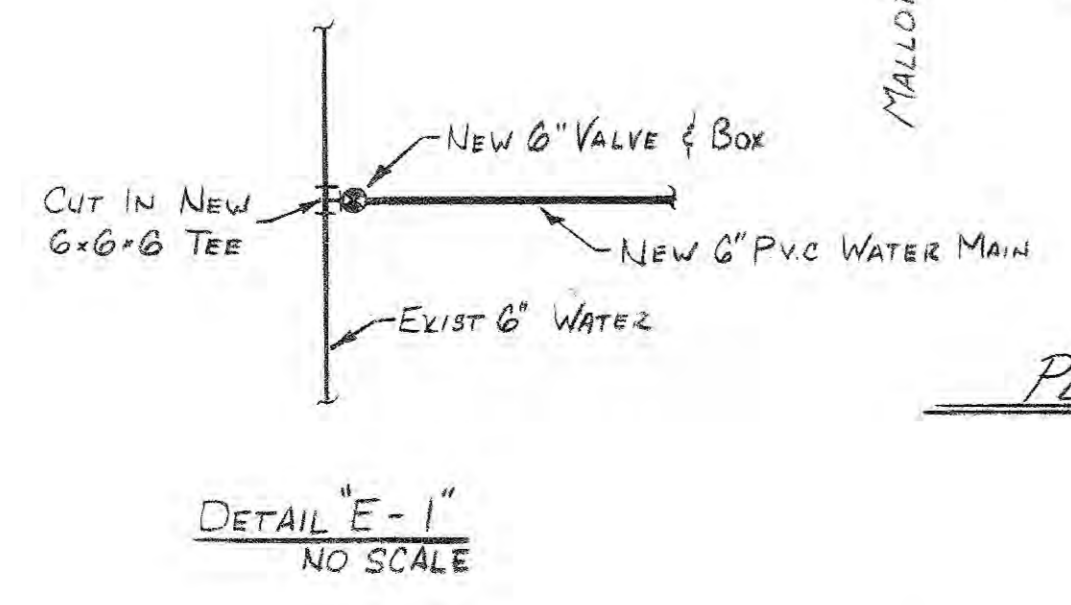
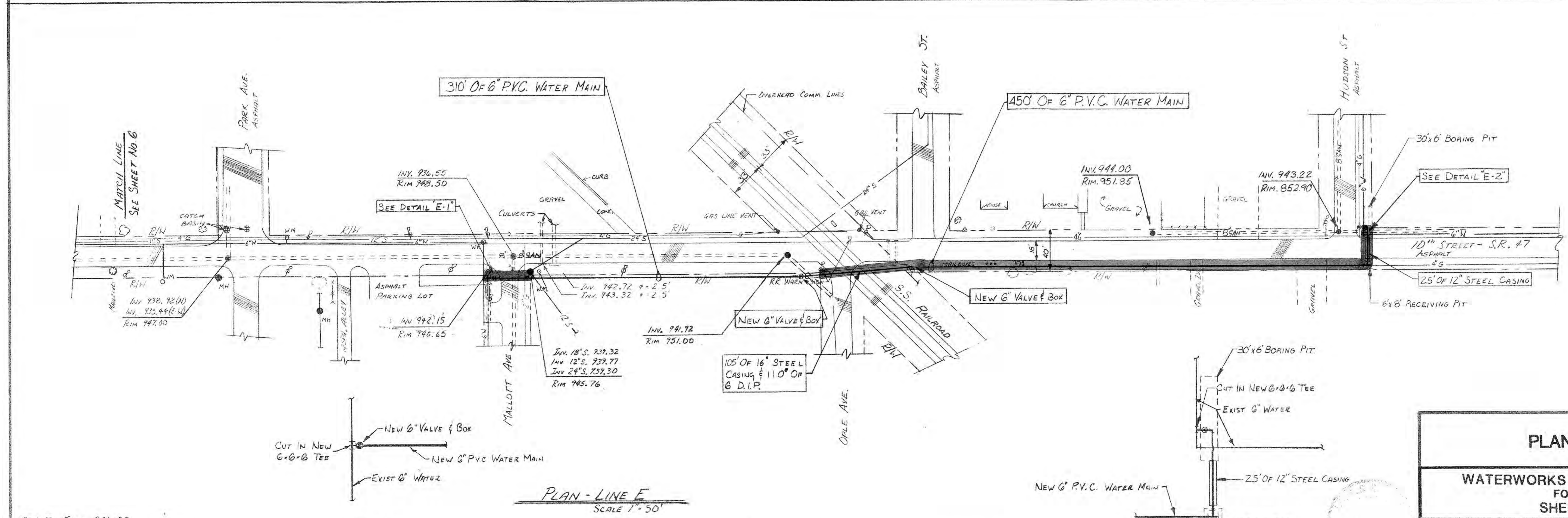
**M. D. WESSLER & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
INDIANAPOLIS, INDIANA

SCALE: 1" = 50'	DRAWN BY: RCG	PROJECT NO.: 19283-03
DATE: 3-20-85	APPROVED BY: DGC	SHEET NO.: 4 of 11



TBM#5 ELEV. = 942.60  
NE BONNET BOLT ON FIRE HYDRANT AT W. SIDE OF BAILEY ST. & S. SIDE OF ALLEY BETWEEN 7TH & 8TH STREETS

TBM#6 ELEV. 947.16  
NE BONNET BOLT ON FIRE HYDRANT AT NW CORNER OF 7TH & FANNING ST.



TBM#7 ELEV. 946.05  
PK NAIL IN UTILITY POLE AT SW CORNER OF 10TH & GEORGIA STREET

**PLAN NOTE:** All existing locations, sizes and inverts of existing utilities are shown based on best information available. However, the Engineer does not guarantee or assure that such information is true or even approximate. This Contractor shall determine which utilities may conflict with his work and verify their locations, sizes and inverts, etc.; adjust his work accordingly; and notify the Engineer of any such conflicts. Contractor shall refer to applicable sections of the Specifications relative to the above.

**DIVISION I**

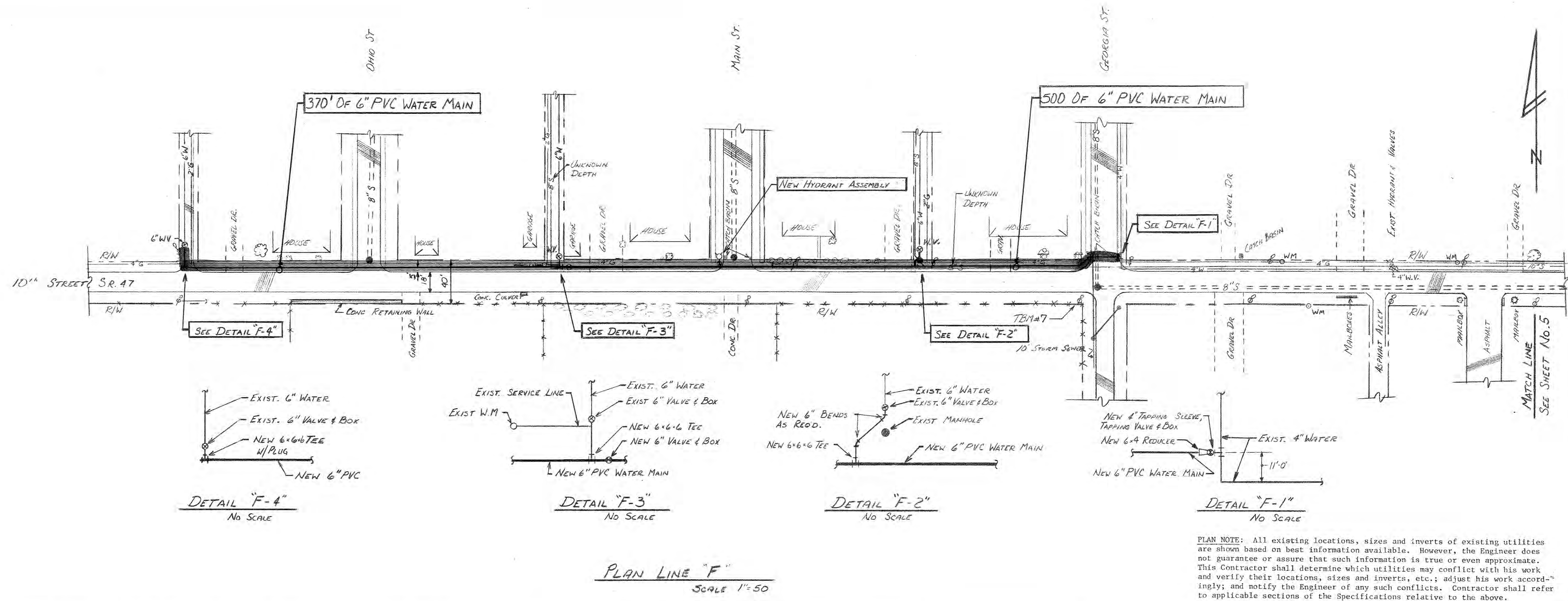
**PLAN LINES D & E**

**WATERWORKS SYSTEM IMPROVEMENTS  
FOR THE TOWN OF  
SHERIDAN, INDIANA**

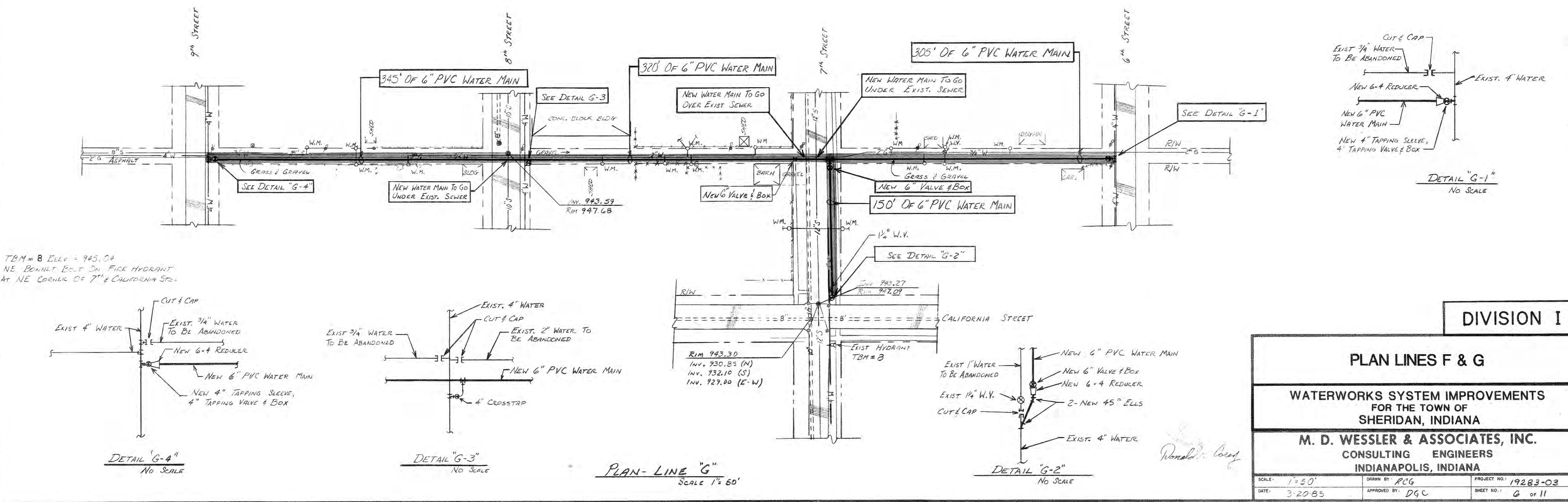
**M. D. WESSLER & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
INDIANAPOLIS, INDIANA

SCALE: 1" = 50'	DESIGN BY: ECG	PROJECT NO.: 19283-03
DATE: 3-20-85	APPROVED BY: DGC	SHEET NO.: 5 OF 11

TBM # 7 Elev. 946.05  
PK NAIL IN UTILITY POLE  
AT SW CORNER OF 10<sup>TH</sup>  
& GEORGIA STREETS

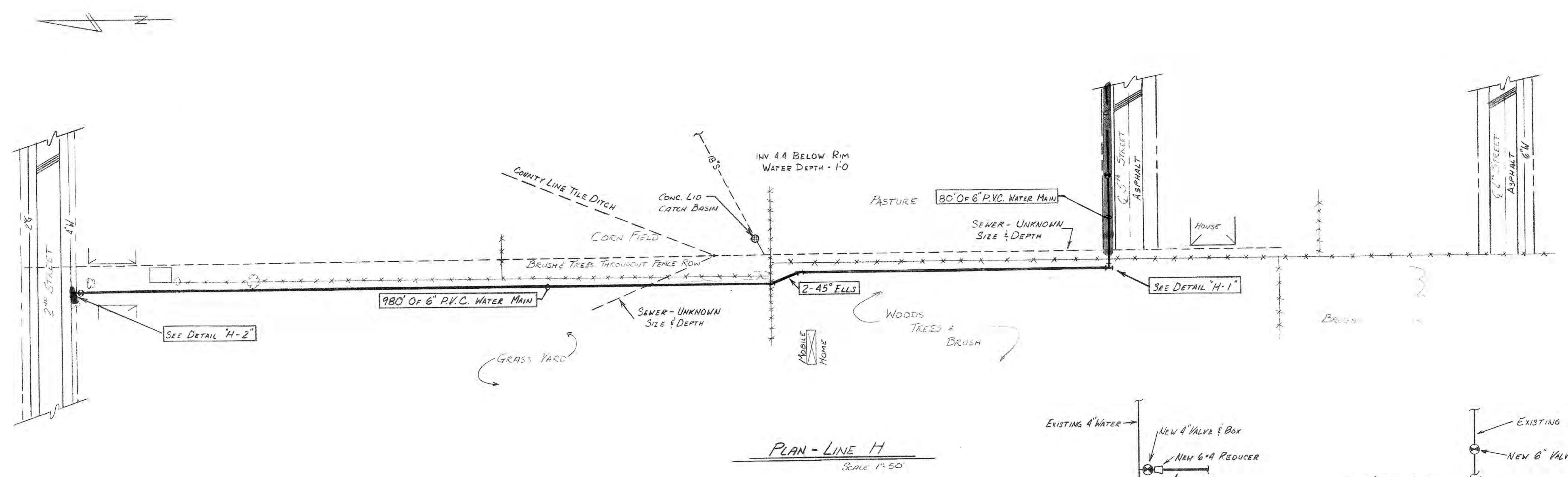


PLAN NOTE: All existing locations, sizes and inverts of existing utilities are shown based on best information available. However, the Engineer does not guarantee or assure that such information is true or even approximate. This Contractor shall determine which utilities may conflict with his work and verify their locations, sizes and inverts, etc.; adjust his work accordingly; and notify the Engineer of any such conflicts. Contractor shall refer to applicable sections of the Specifications relative to the above.

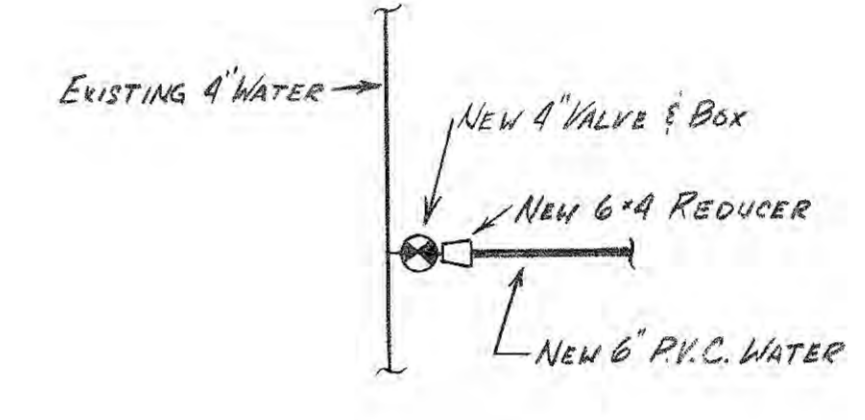


TBM # 8 Elev. 945.04  
NE BOLLT BOLT ON FIRE HYDRANT  
AT NE CORNER OF 7<sup>TH</sup> & CALIFORNIA STS.

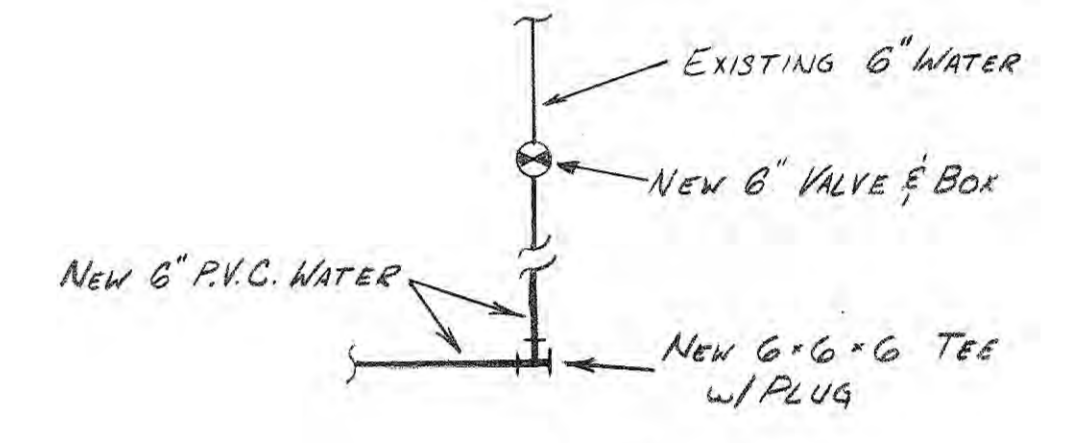
<b>DIVISION I</b>		
<b>PLAN LINES F &amp; G</b>		
<b>WATERWORKS SYSTEM IMPROVEMENTS FOR THE TOWN OF SHERIDAN, INDIANA</b>		
<b>M. D. WESSLER &amp; ASSOCIATES, INC.</b> CONSULTING ENGINEERS INDIANAPOLIS, INDIANA		
SCALE: 1"=50'	DRAWN BY: PCG	PROJECT NO.: 19283-03
DATE: 3-20-85	APPROVED BY: DGC	SHEET NO.: 6 of 11



PLAN - LINE H  
SCALE 1"=50'

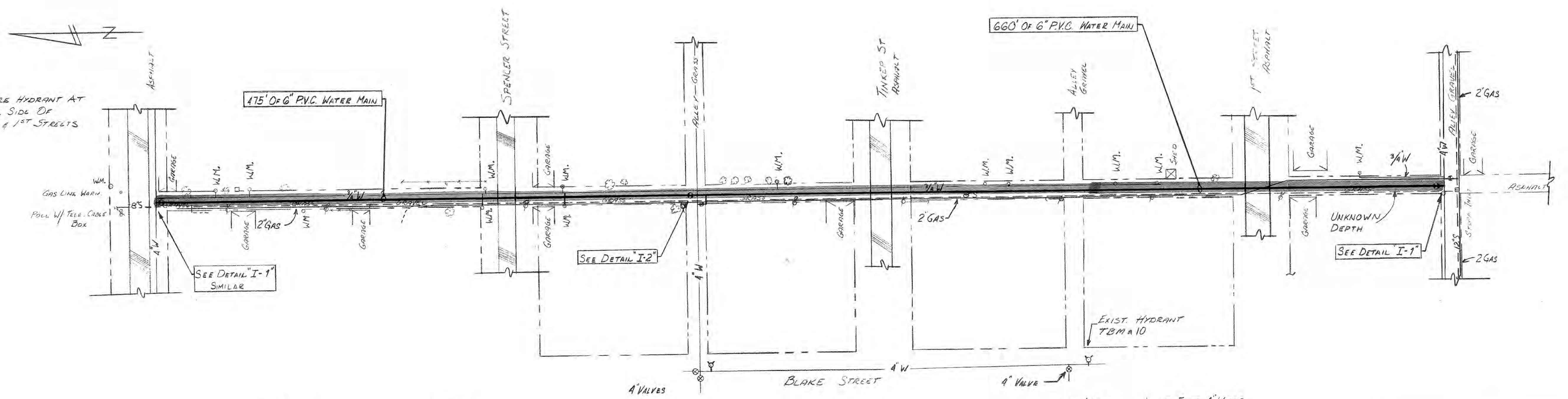


DETAIL "H-2"  
NO SCALE

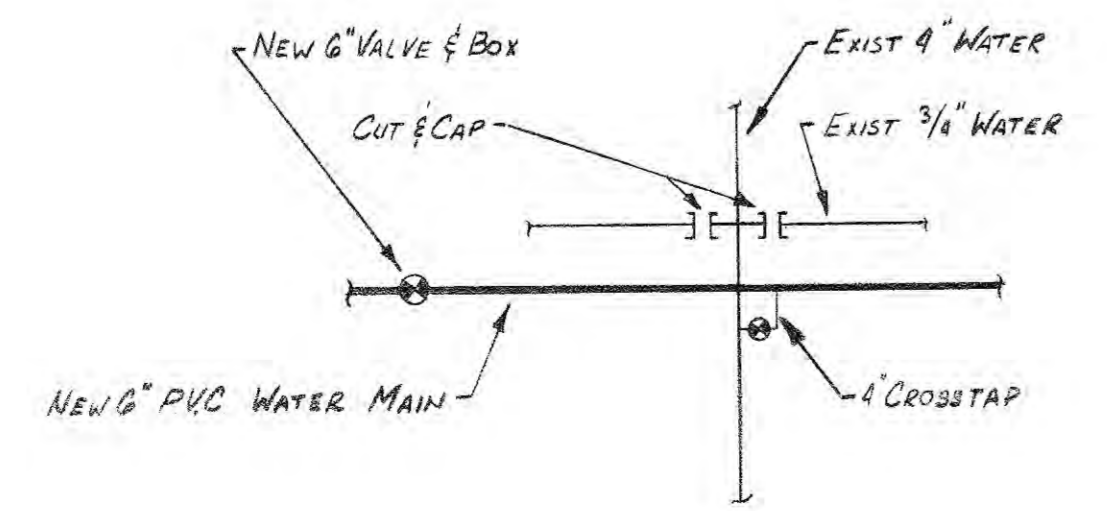


DETAIL "H-1"  
NO SCALE

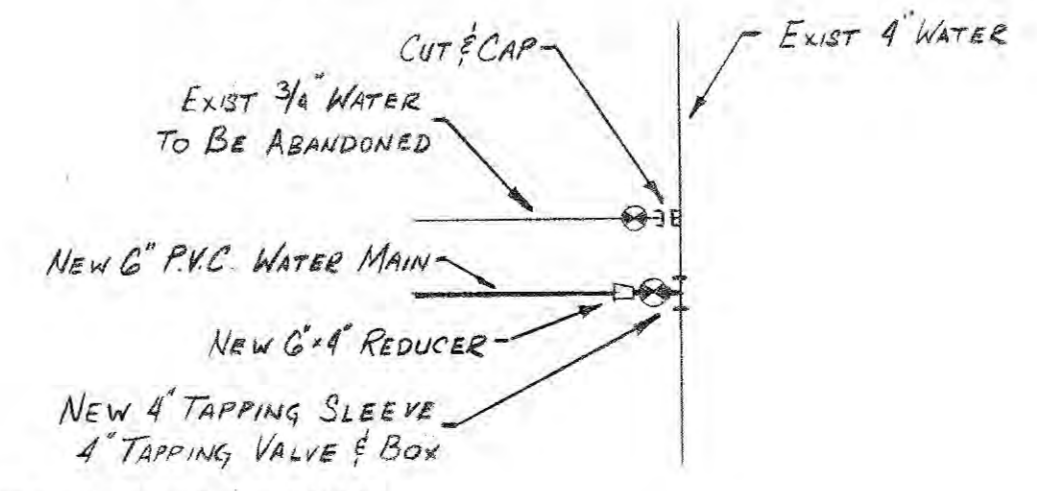
TBM # 9 ELEV. 951.60  
NW BONNET BOLT ON FIRE HYDRANT  
APPROX. 0.2 MILES W OF RR  
S. SIDE OF 2ND STREET



PLAN - LINE I  
SCALE 1"=50'



DETAIL "I-2"  
NO SCALE



DETAIL "I-1"  
NO SCALE

PLAN NOTE: All existing locations, sizes and inverts of existing utilities are shown based on best information available. However, the Engineer does not guarantee or assure that such information is true or even approximate. This Contractor shall determine which utilities may conflict with his work and verify their locations, sizes and inverts, etc.; adjust his work accordingly; and notify the Engineer of any such conflicts. Contractor shall refer to applicable sections of the Specifications relative to the above.

*Donald L. Boey*

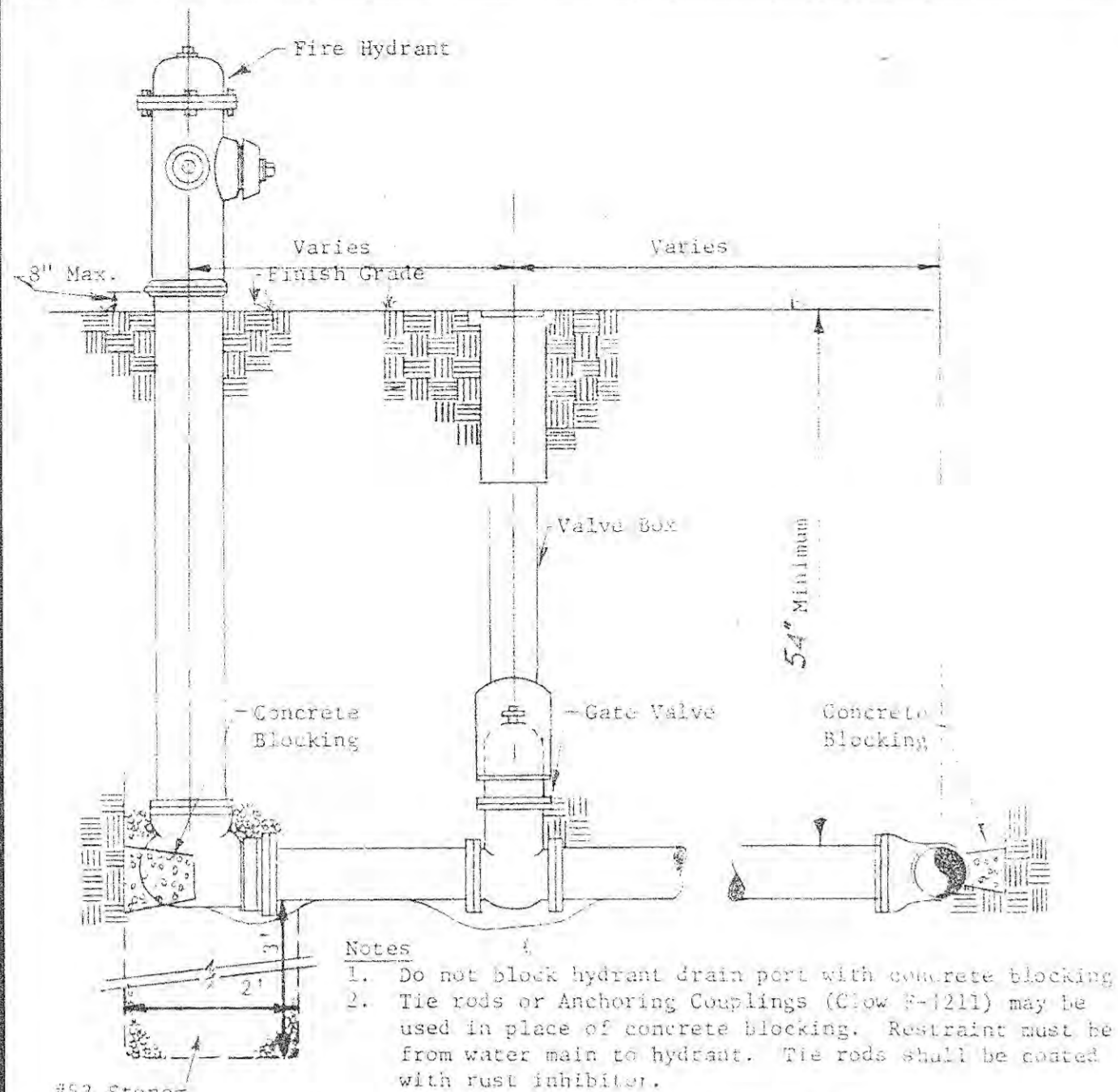
DIVISION I

PLAN LINES H & I

WATERWORKS SYSTEM IMPROVEMENTS  
FOR THE TOWN OF  
SHERIDAN, INDIANA  
M. D. WESSLER & ASSOCIATES, INC.  
CONSULTING ENGINEERS  
INDIANAPOLIS, INDIANA

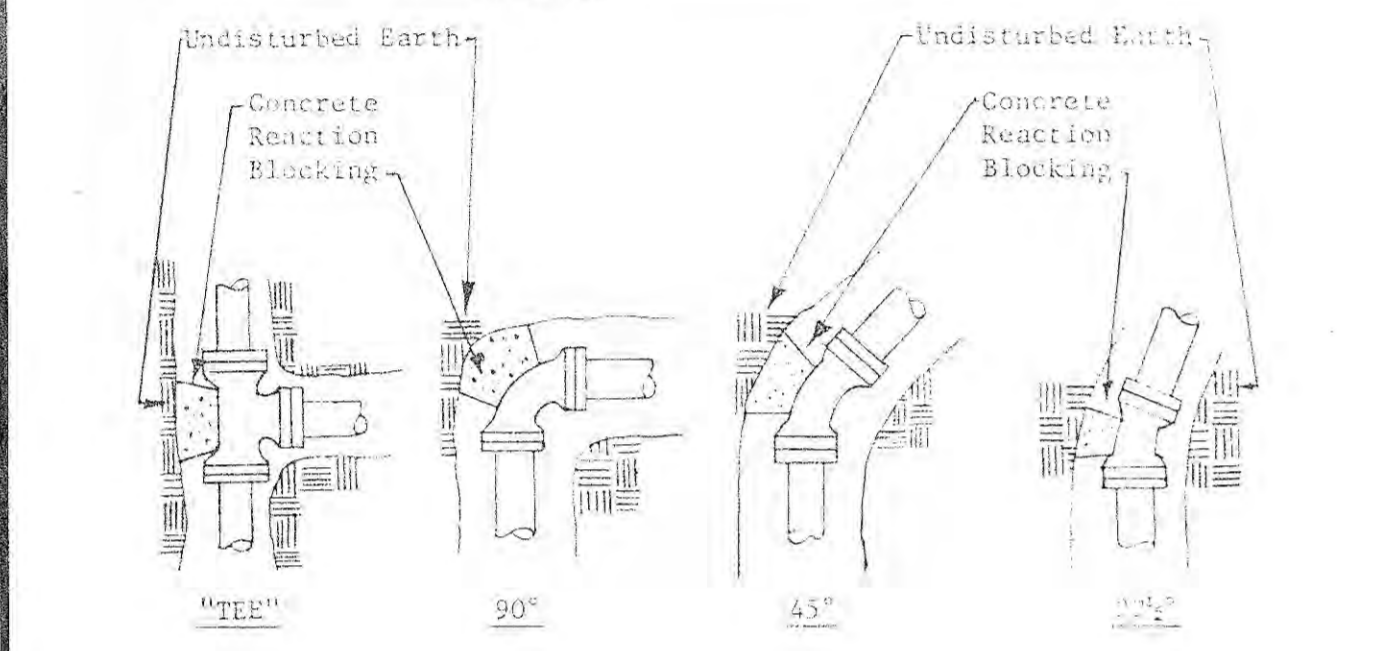
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DATE: 3-20-85	APPROVED BY: DGC	SHEET NO.: 7 OF 11





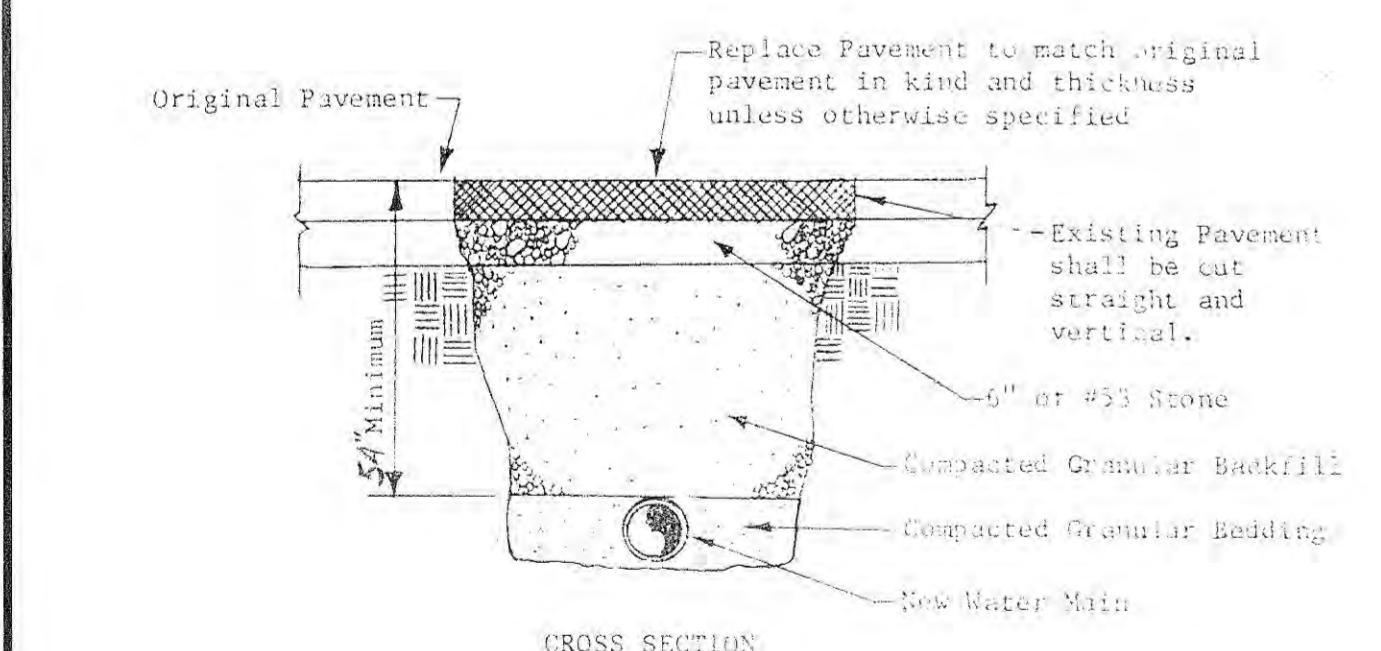
**FIRE HYDRANT DETAIL**  
No Scale

Notes:  
1. Do not block hydrant drain port with concrete blocking.  
2. Tie rods or Anchoring Couplings (Clow F-1211) may be used in place of concrete blocking. Restraint must be from water main to hydrant. Tie rods shall be coated with rust inhibitor.

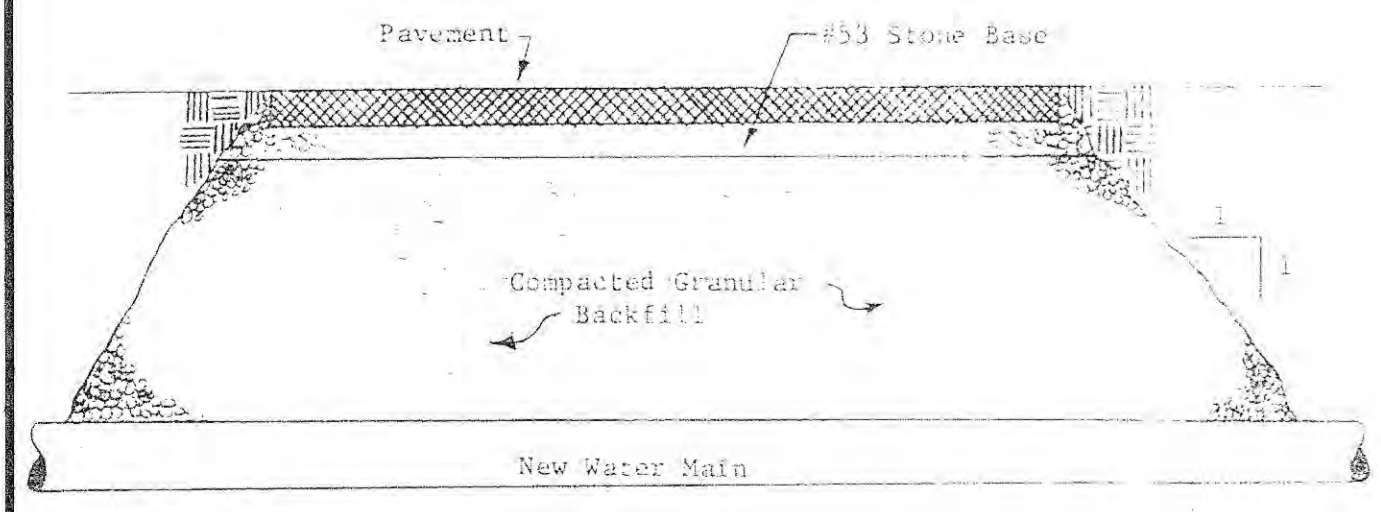


NOTES:  
1. Concrete Reaction Blocking shall not cover pipe joints, bolts or glands.  
2. Concrete shall have a compressive strength not less than 2,000 psi after 28 days.

**TYPICAL WATER MAIN REACTION BLOCKING**  
No Scale

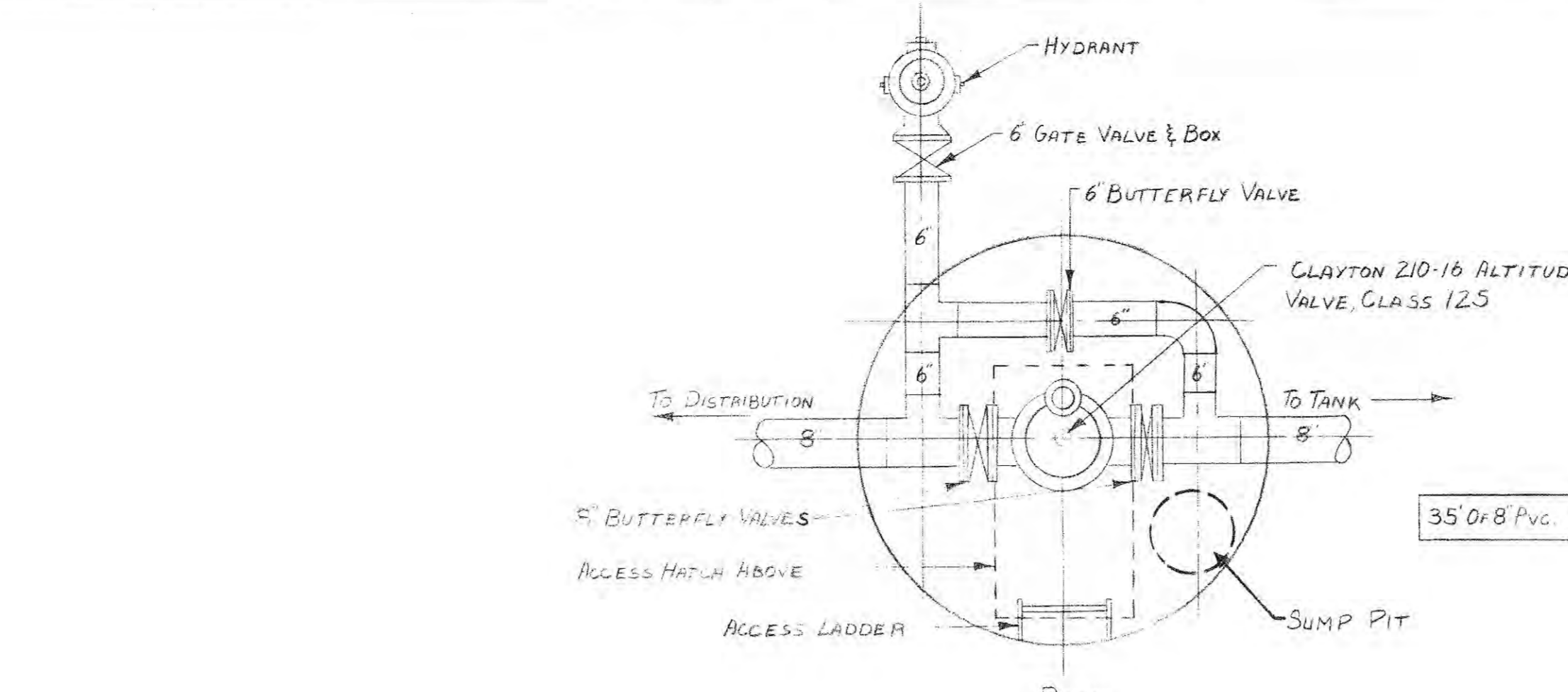


CROSS SECTION

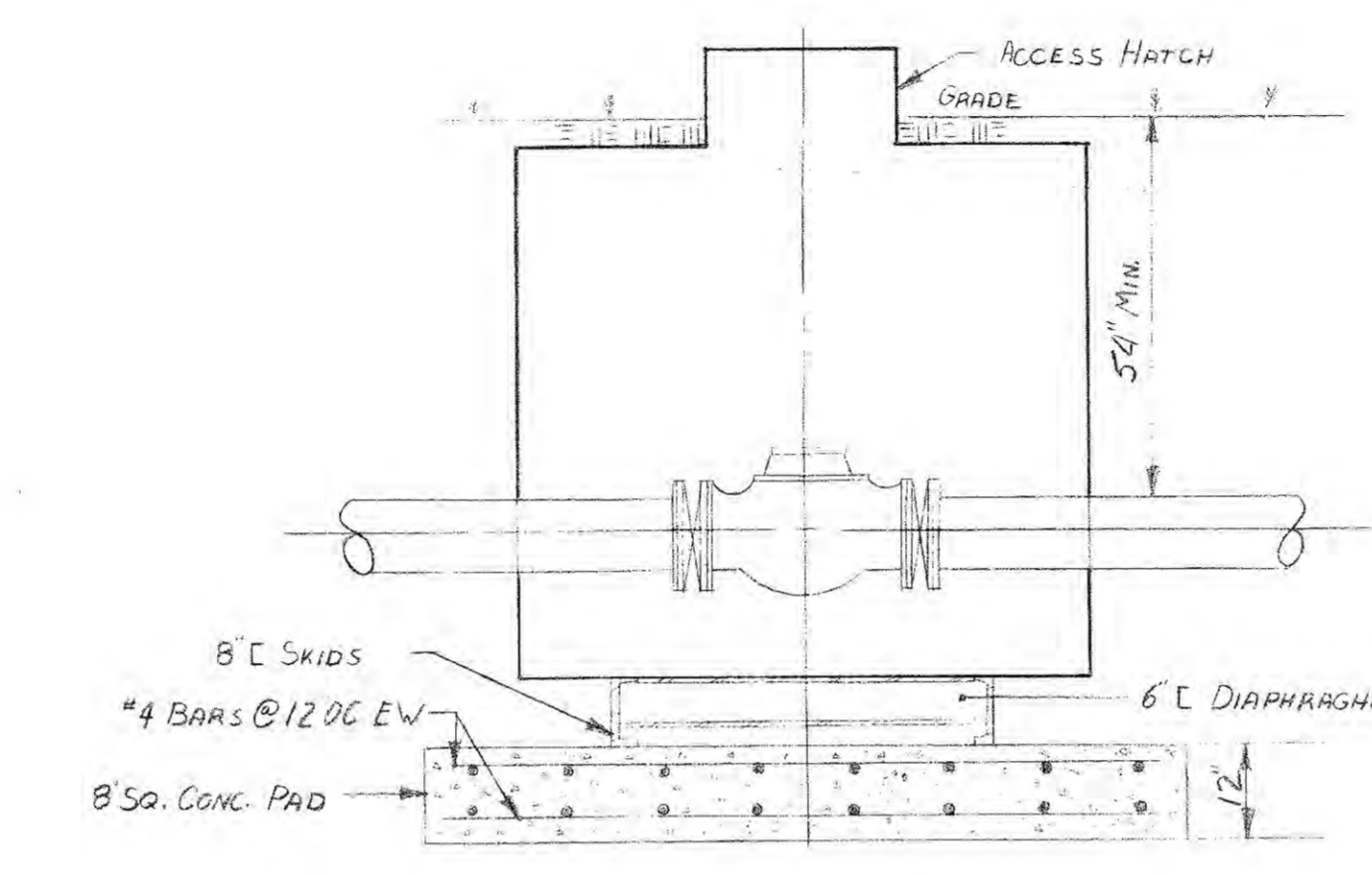


LONGITUDINAL SECTION

**TRENCH SECTION UNDER PAVEMENT**  
No Scale

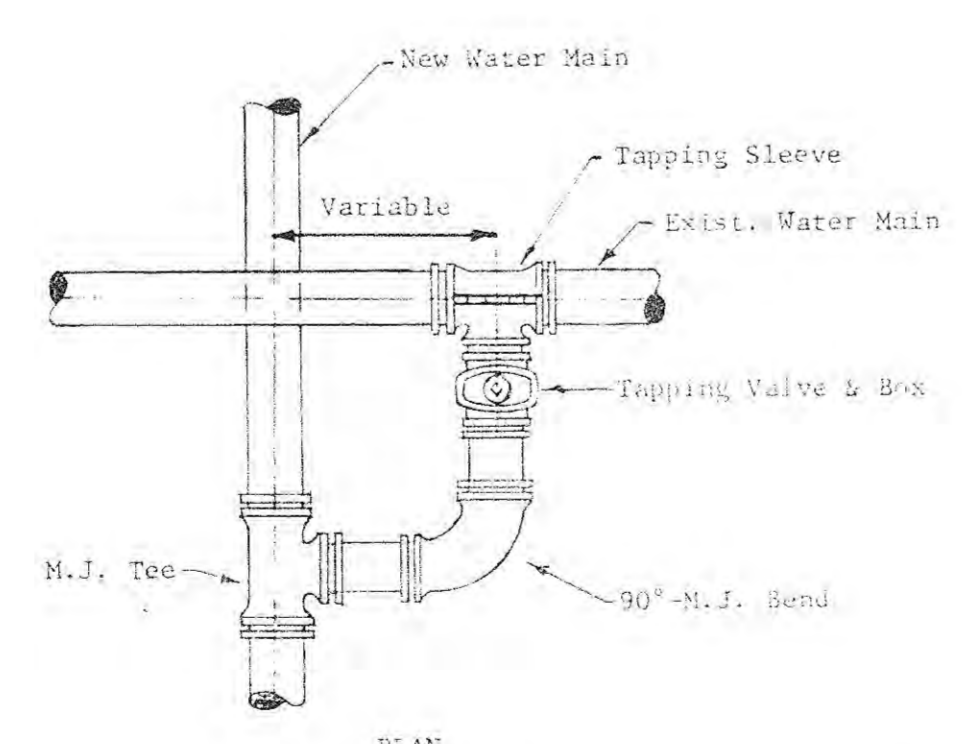


PLAN



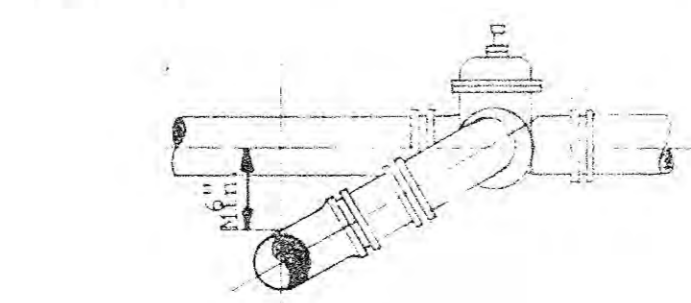
SECTION

**ALTITUDE VALVE & PIT DETAIL**  
SCALE 1/2" = 1' 0"



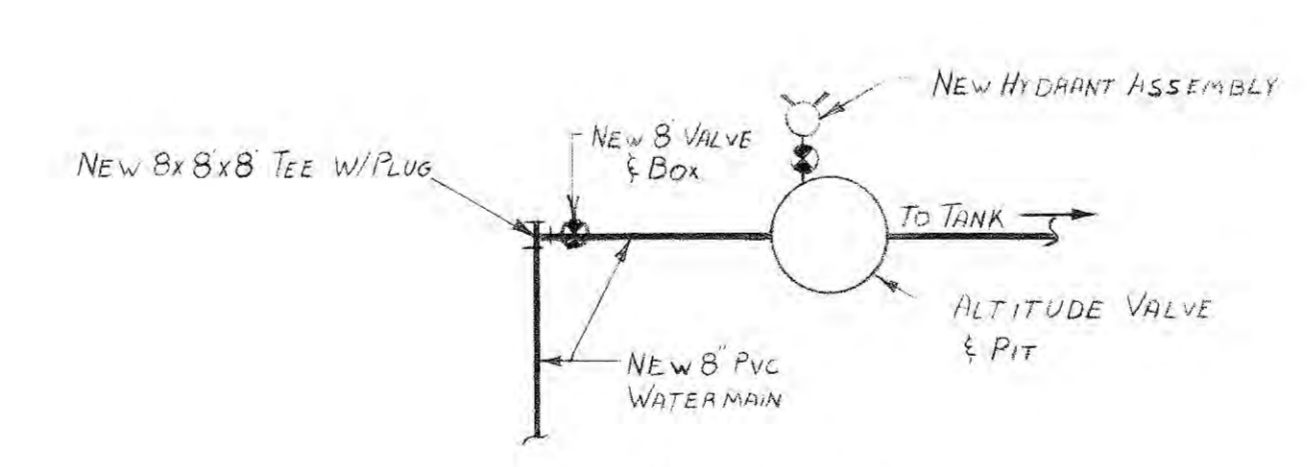
PLAN

Notes:  
1. The 90° Bend shall be shackled to the Tapping Valve and the Tee by using an Anchoring Coupling (Clow F-1211) or tie rods. Tie Rods shall be coated with a rust inhibitor.

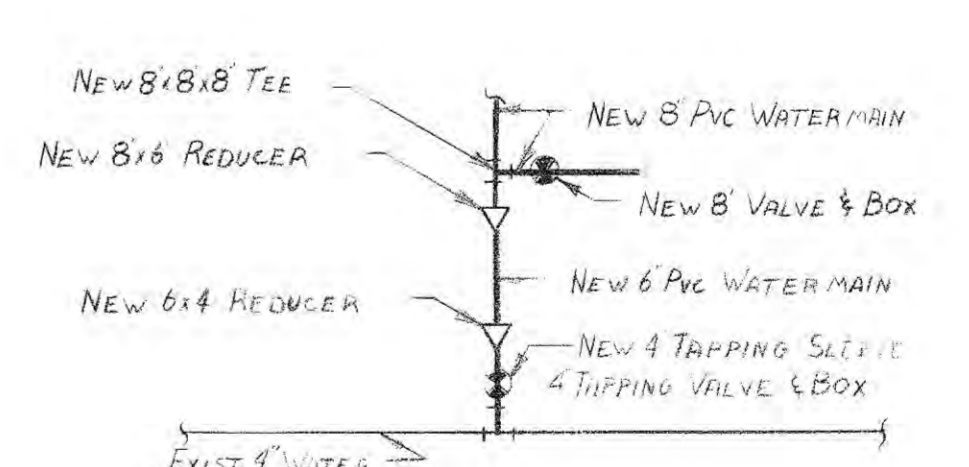


SECTION

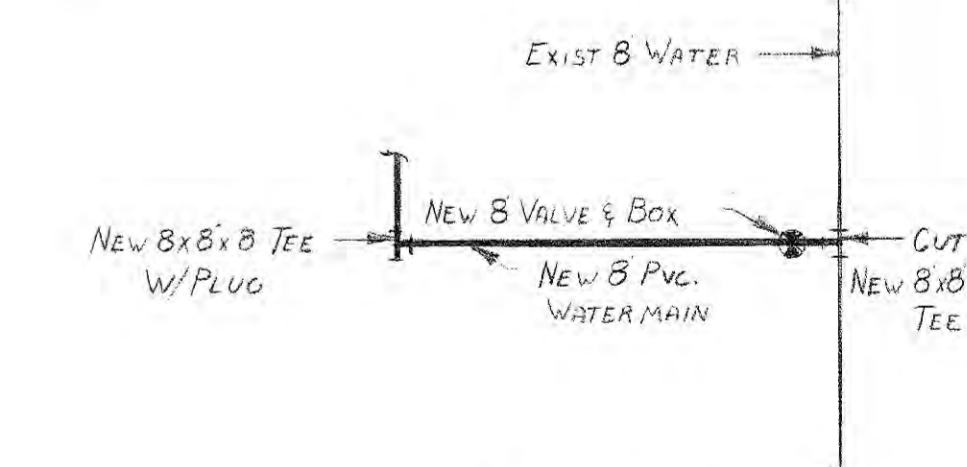
**CROSS TAP DETAILS**  
No Scale



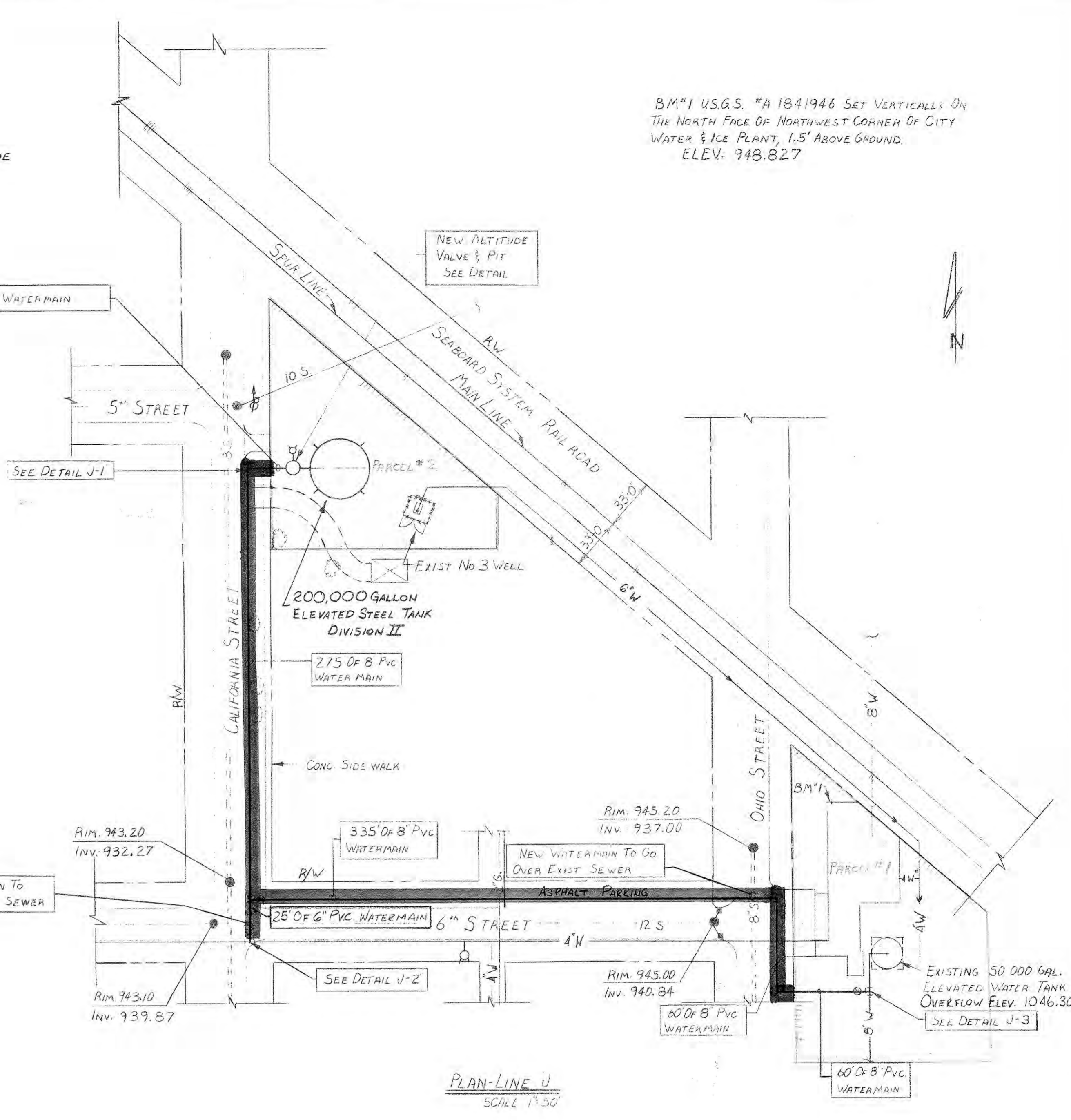
DETAIL J-1  
NO SCALE



DETAIL J-2  
NO SCALE



DETAIL J-3  
NO SCALE



PLAN-LINE J  
SCALE 1" = 50'

BM#1 U.S.G.S. #A 1841946 SET VERTICALLY ON THE NORTH FACE OF NORTHWEST CORNER OF CITY WATER & ICE PLANT, 1.5' ABOVE GROUND. ELEV: 948.827

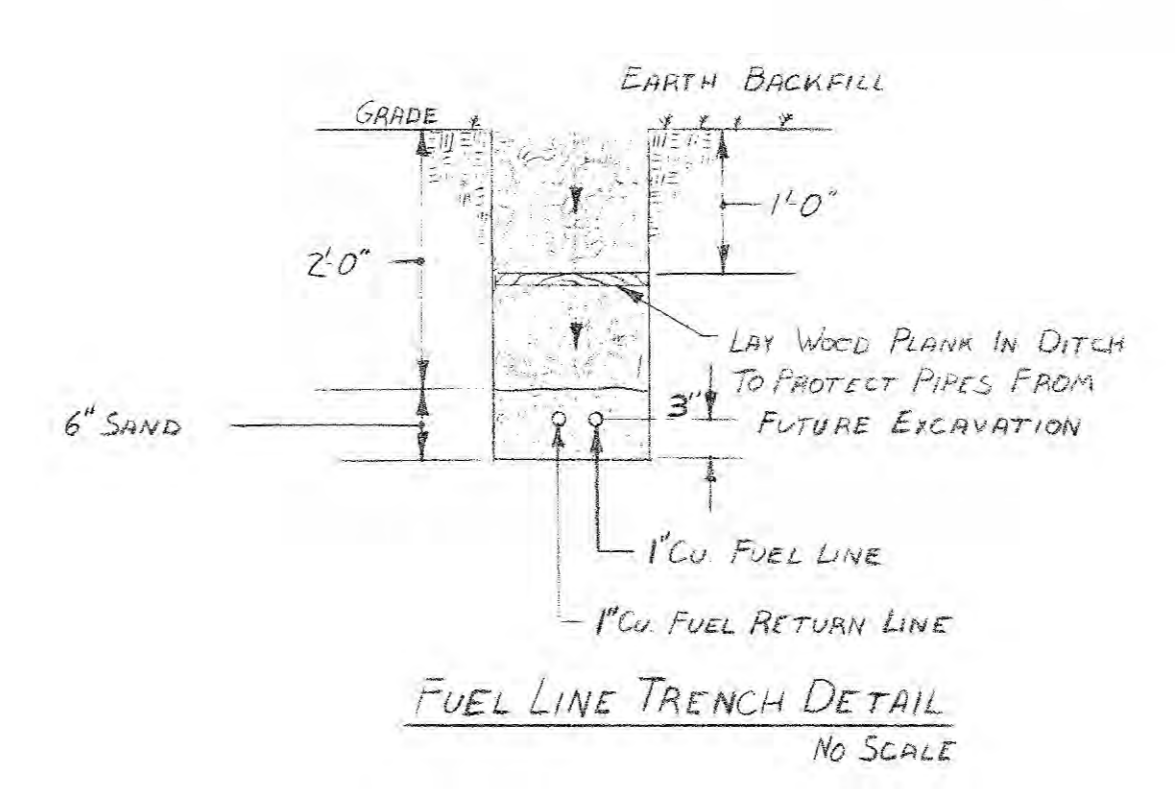
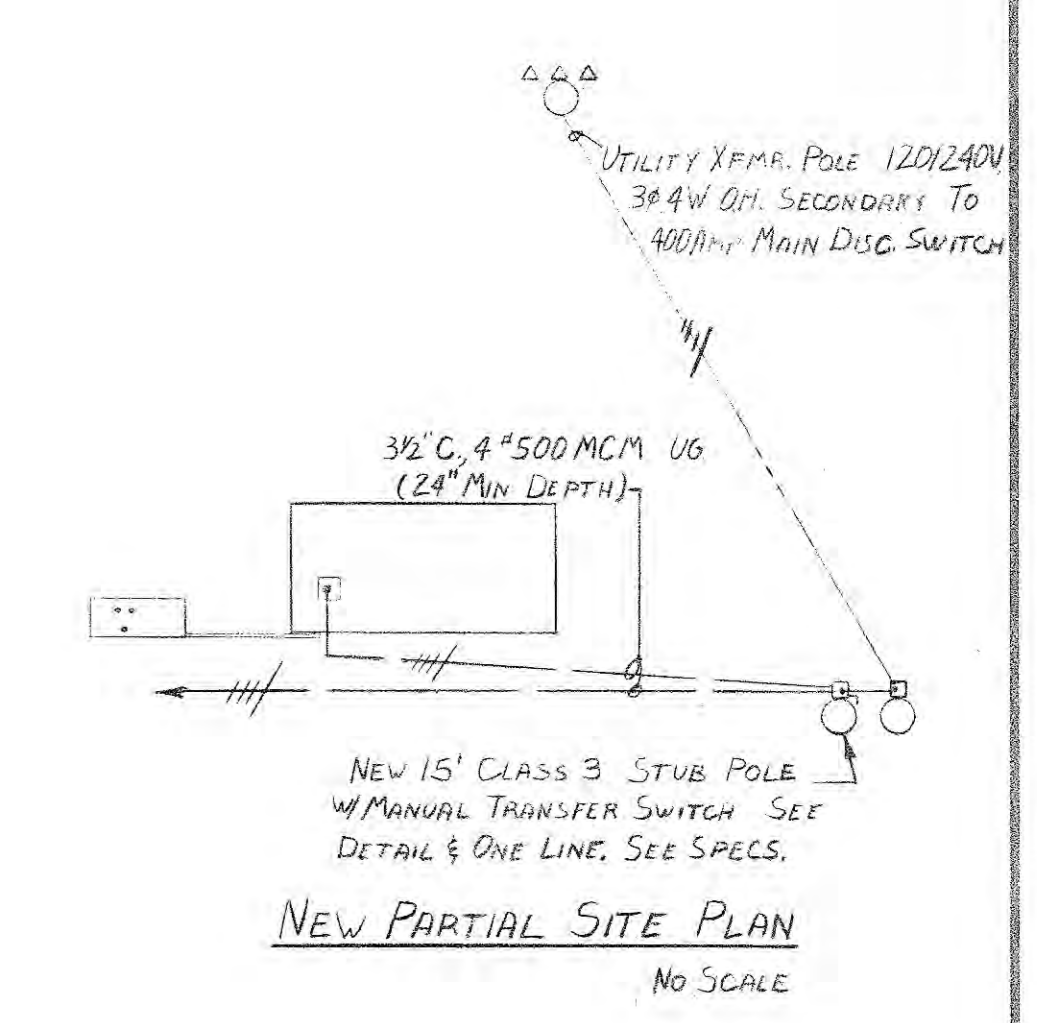
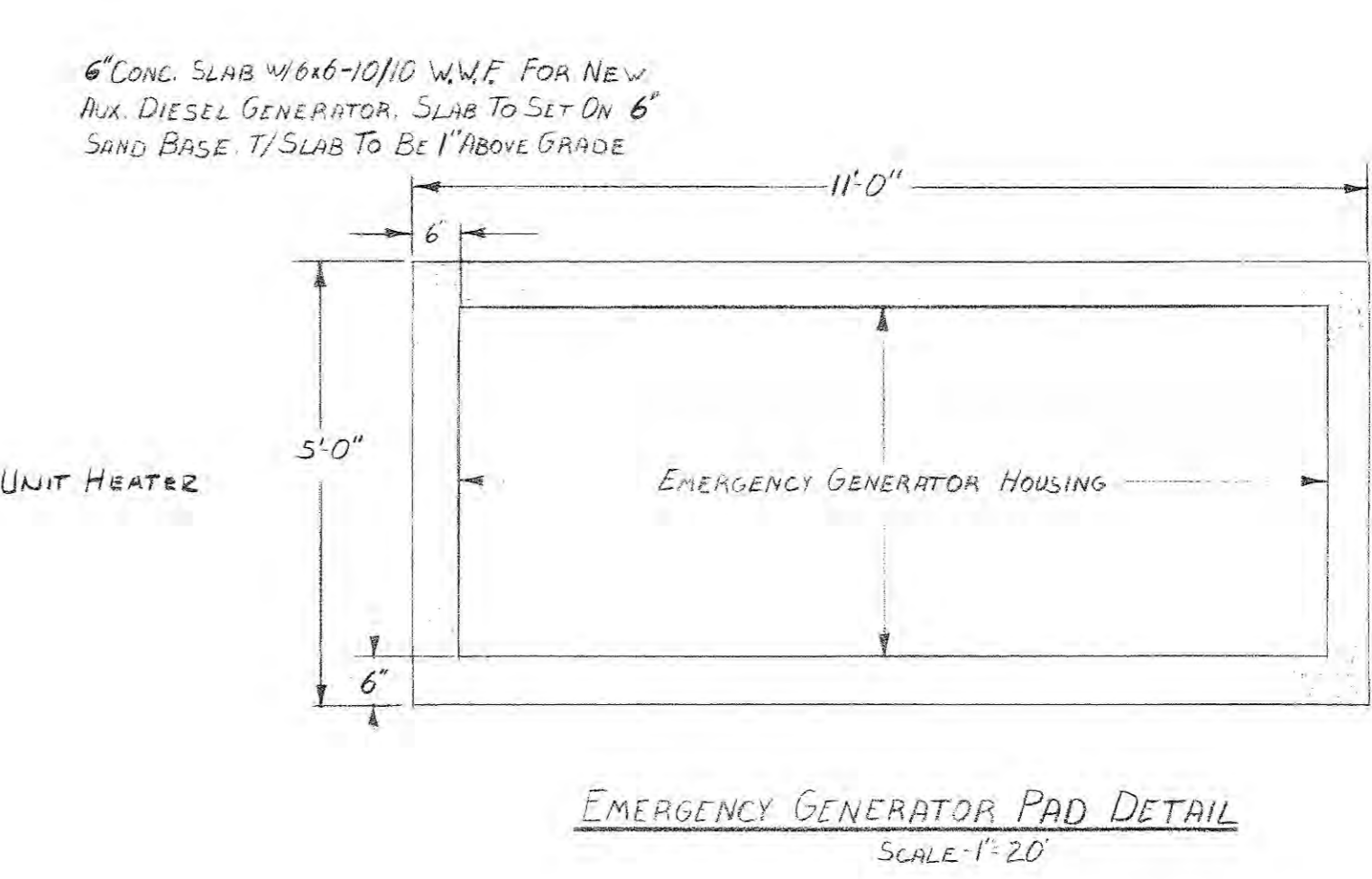
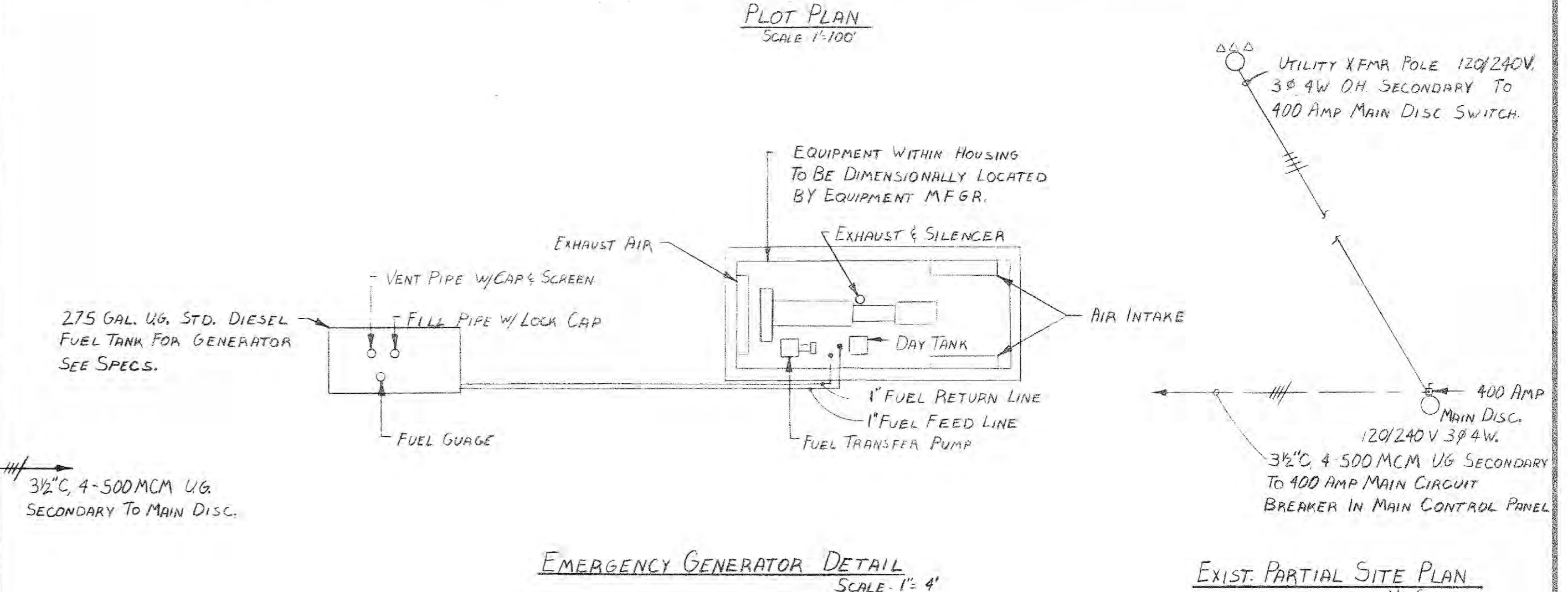
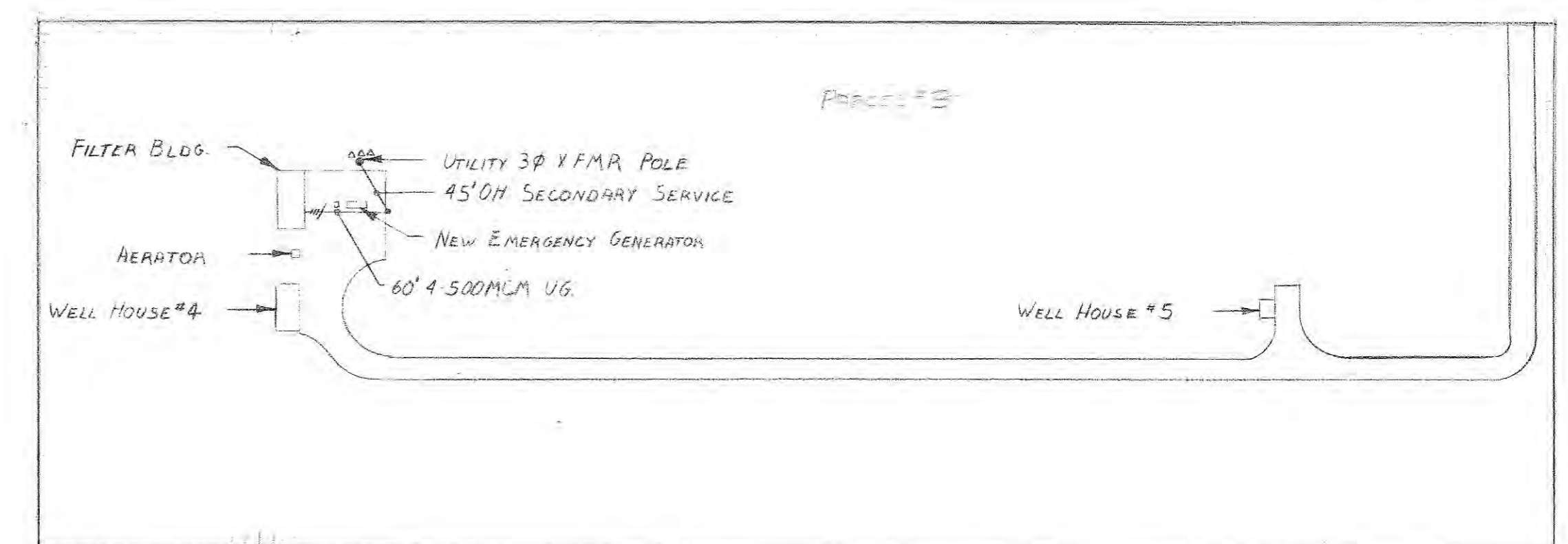
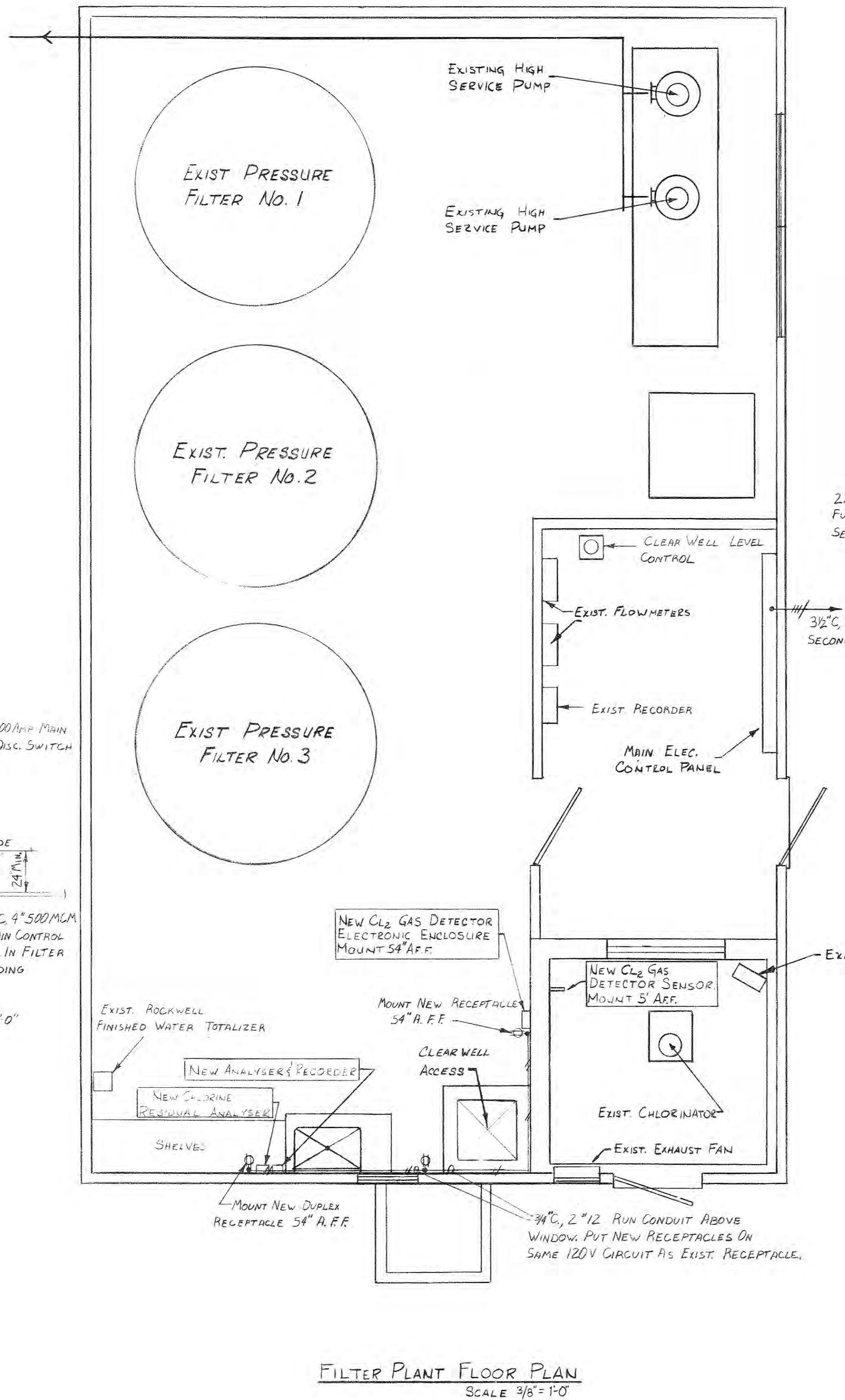
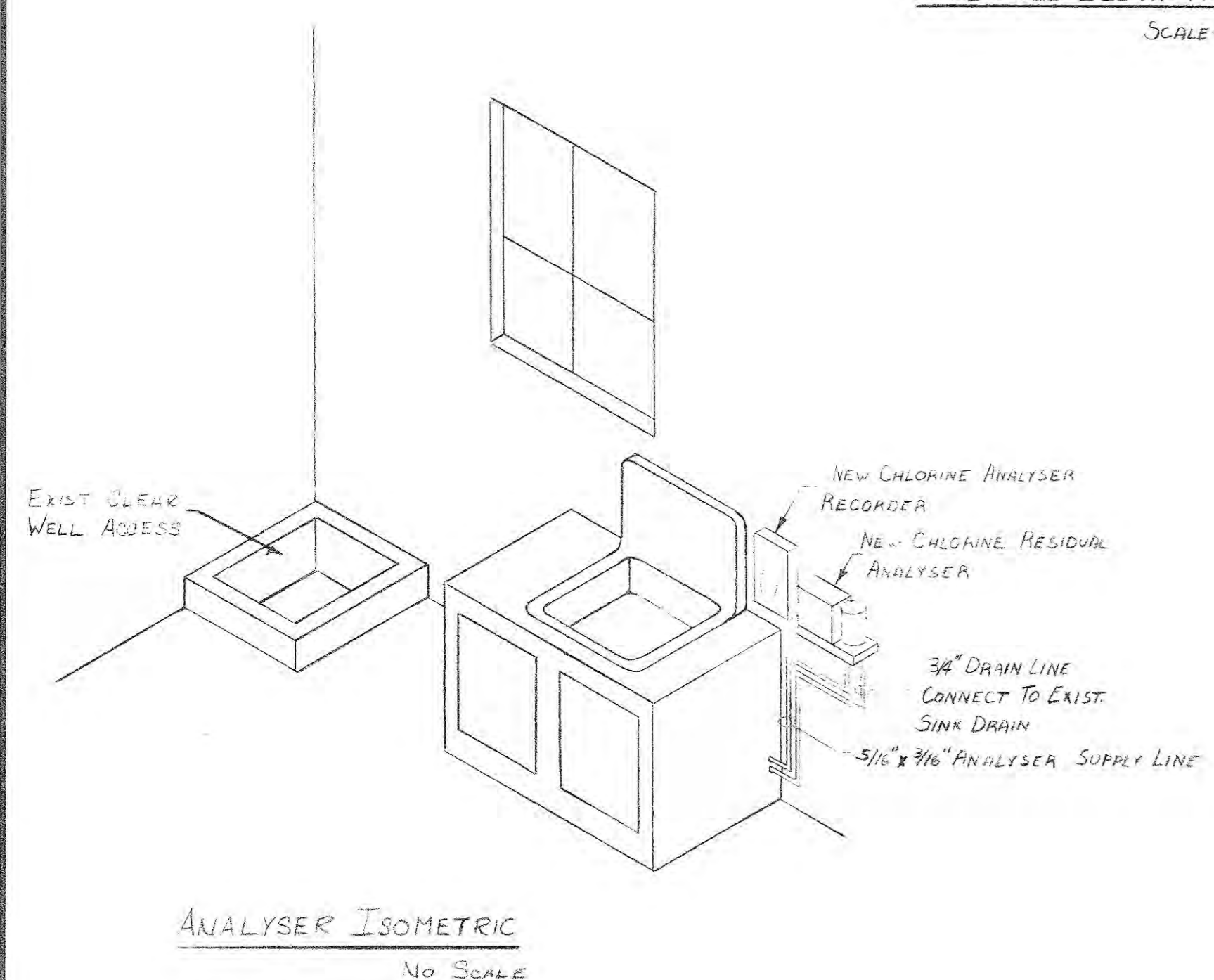
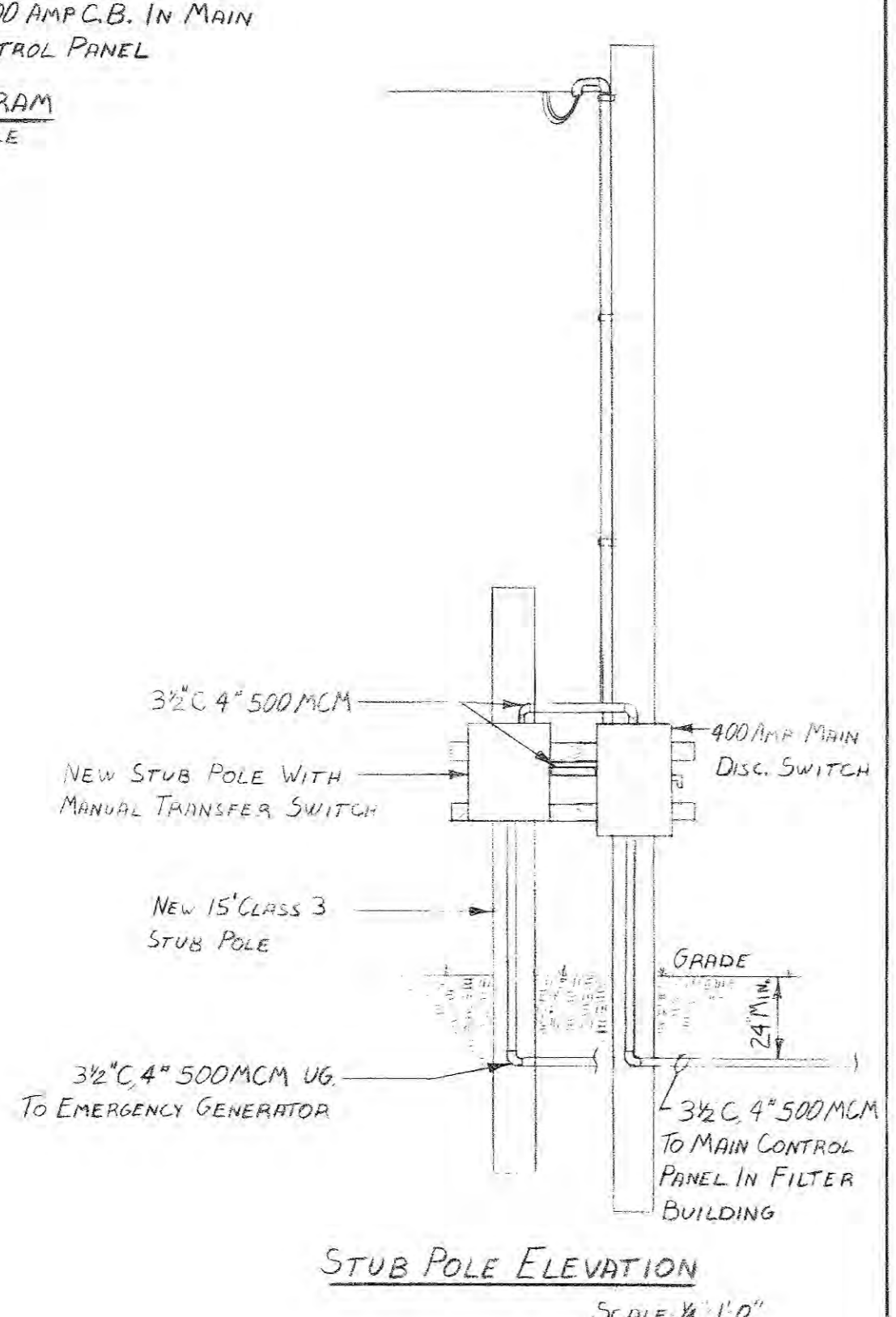
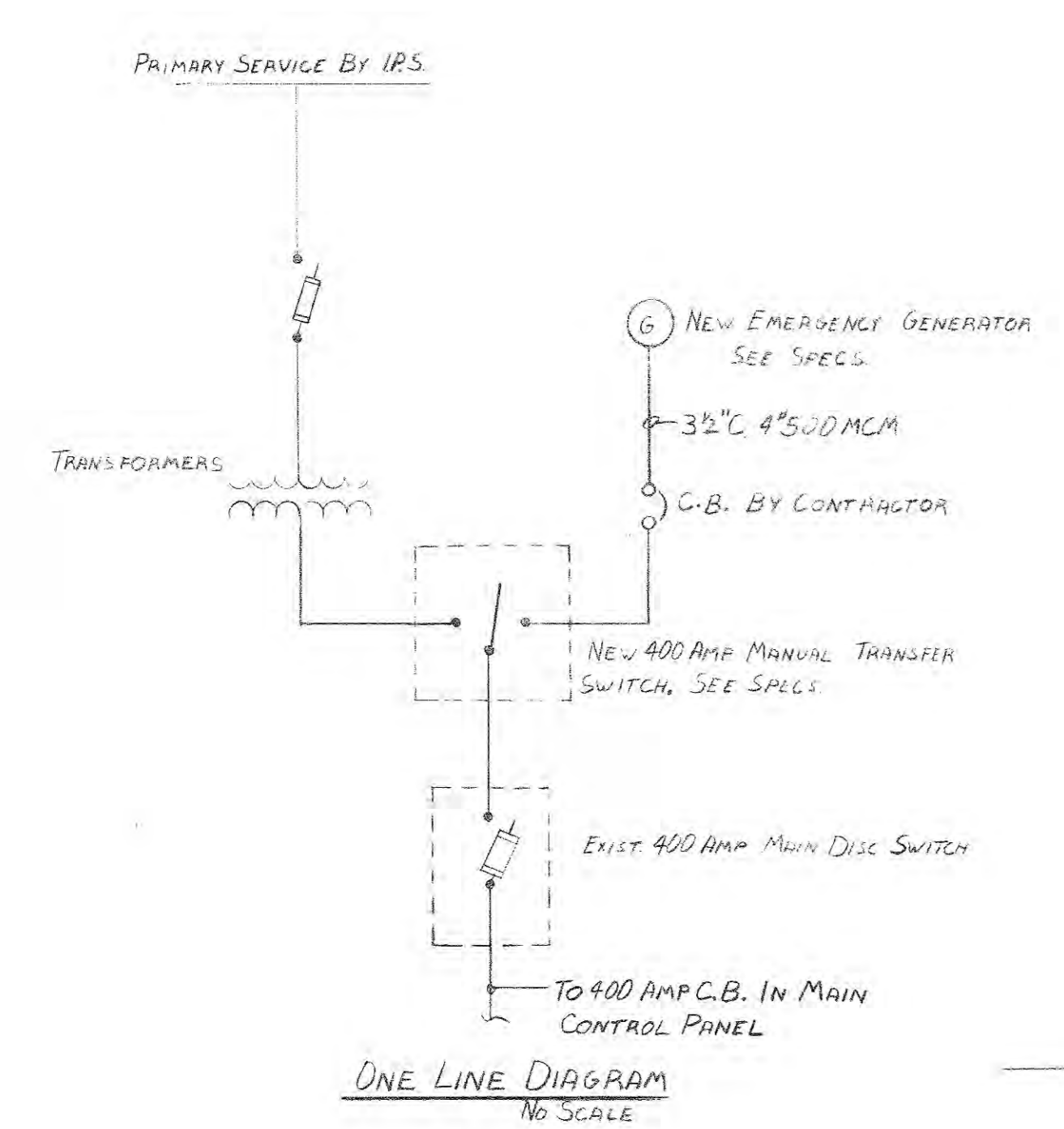
**DIVISION I**

**PLAN LINE "J" & DETAILS**  
**WATERWORKS SYSTEM IMPROVEMENTS FOR THE TOWN OF SHERIDAN, INDIANA**  
**M. D. WESSLER & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
INDIANAPOLIS, INDIANA

SCALE: AS SHOWN	DRAWN BY: C.L.G./RET	PROJECT NO.: 19283-03
DATE: 3-20-05	APPROVED BY: D.G.C.	SHEET NO.: 8 of 11

PLAN NOTE: All existing locations, sizes and inverts of existing utilities are shown based on best information available. However, the Engineer does not guarantee or assure that such information is true or even approximate. This Contractor shall determine which utilities may conflict with his work and verify their locations, sizes and inverts, etc.; adjust his work accordingly; and notify the Engineer of any such conflicts. Contractor shall refer to applicable sections of the Specifications relative to the above.

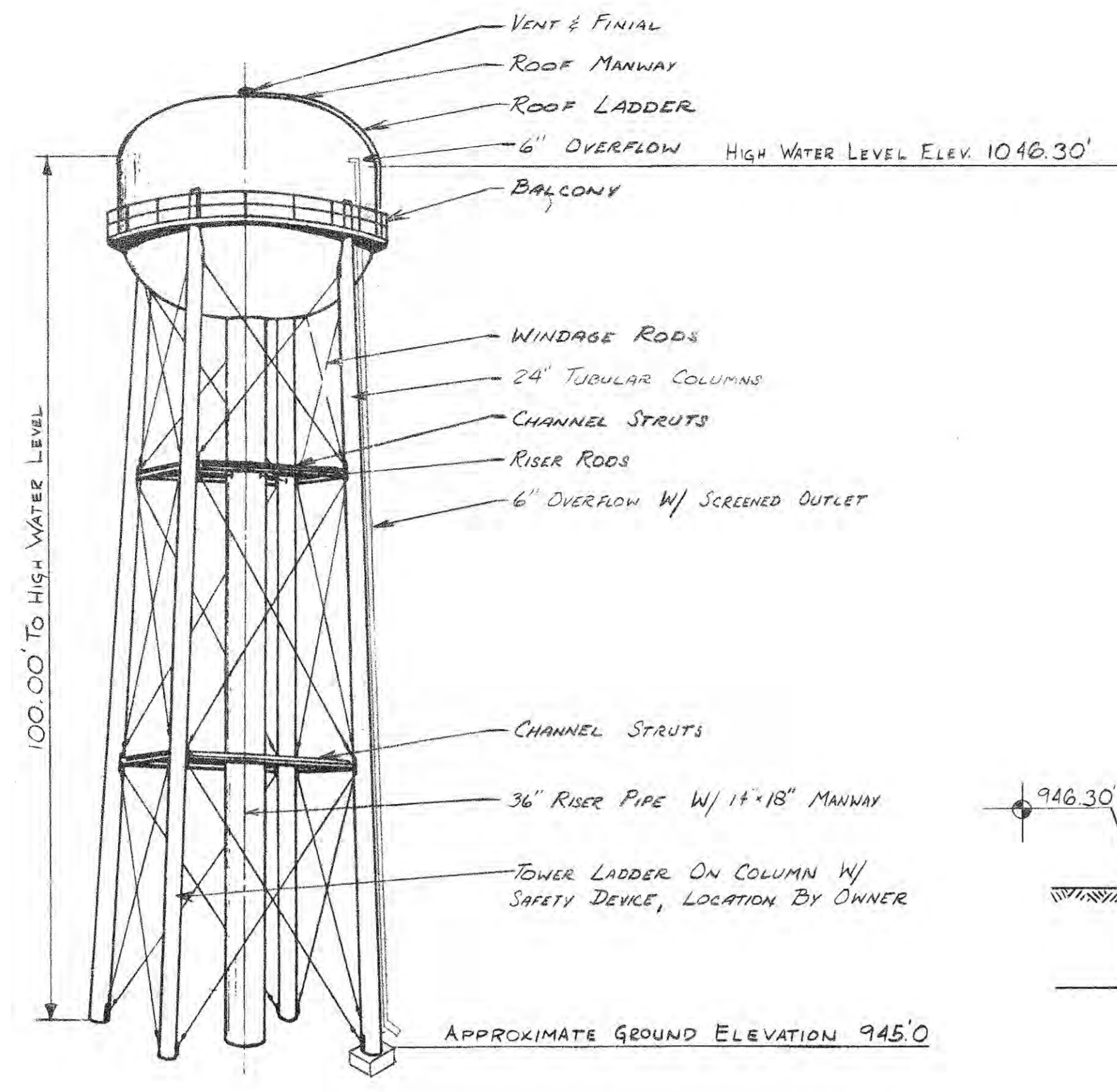
**PAGES 199-200 REDACTED DUE TO  
HOMELAND SECURITY CONCERNS**



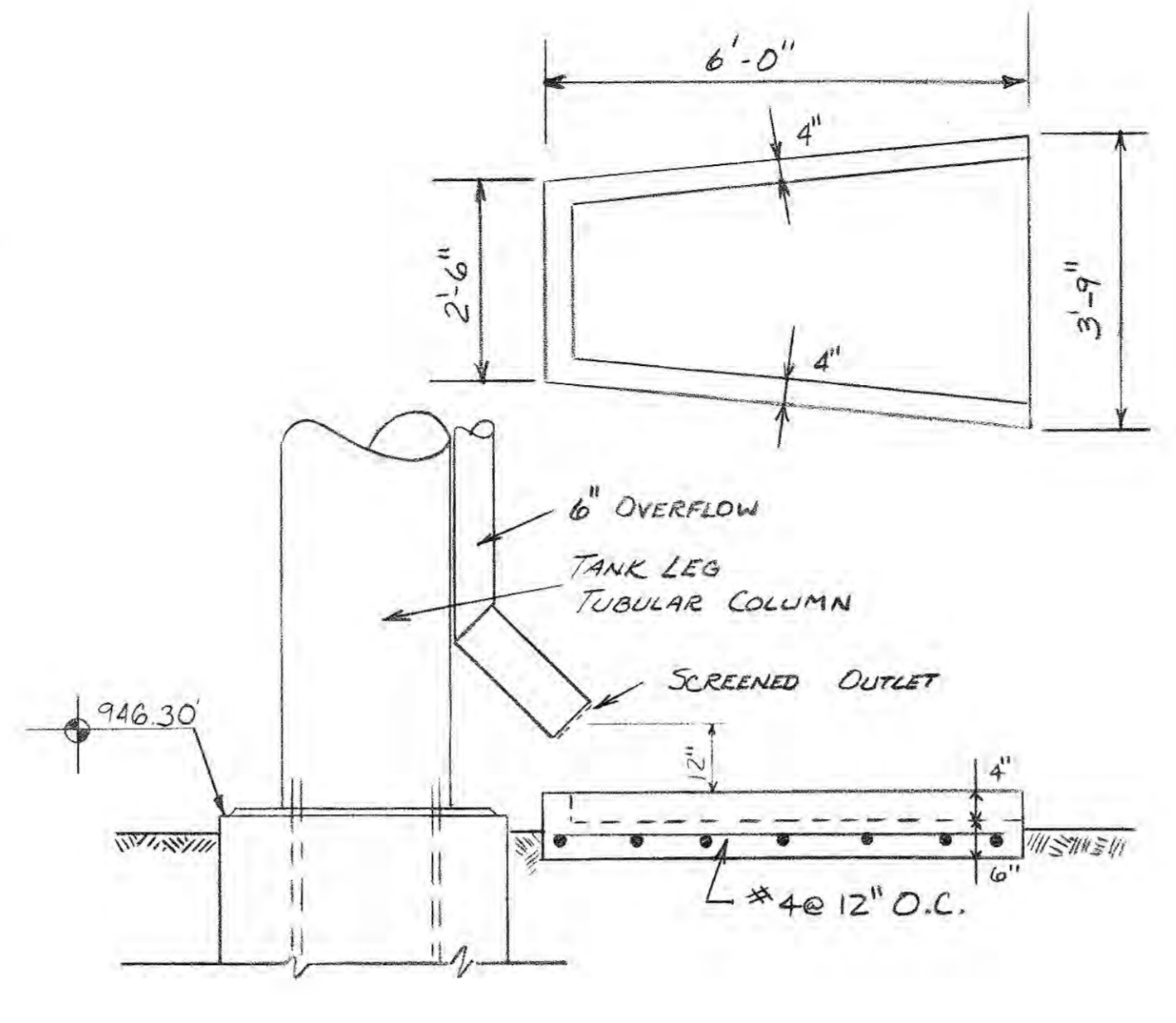
Melvin Odeh  
Ronald A. Coop

**DIVISION I**

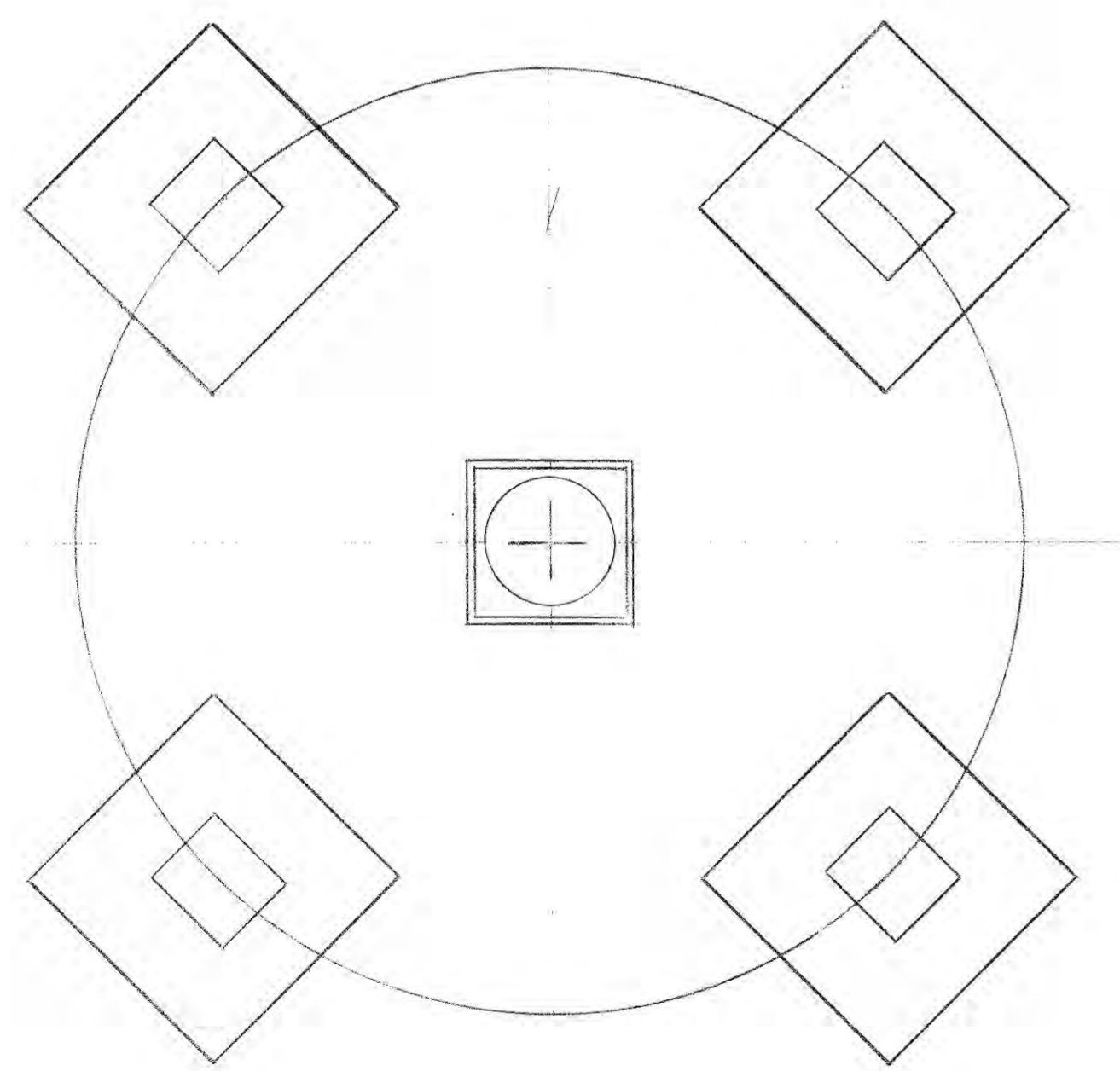
WELL FIELD & TREATMENT PLANT		
WATERWORKS SYSTEM IMPROVEMENTS FOR THE TOWN OF SHERIDAN, INDIANA		
M. D. WESSLER & ASSOCIATES, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA		
SCALE: AS SHOWN	DRAWN BY: CLG/RET	PROJECT NO.: 19283-03
DATE: 3-20-85	APPROVED BY: DGC	SHEET NO.: 10 of 11



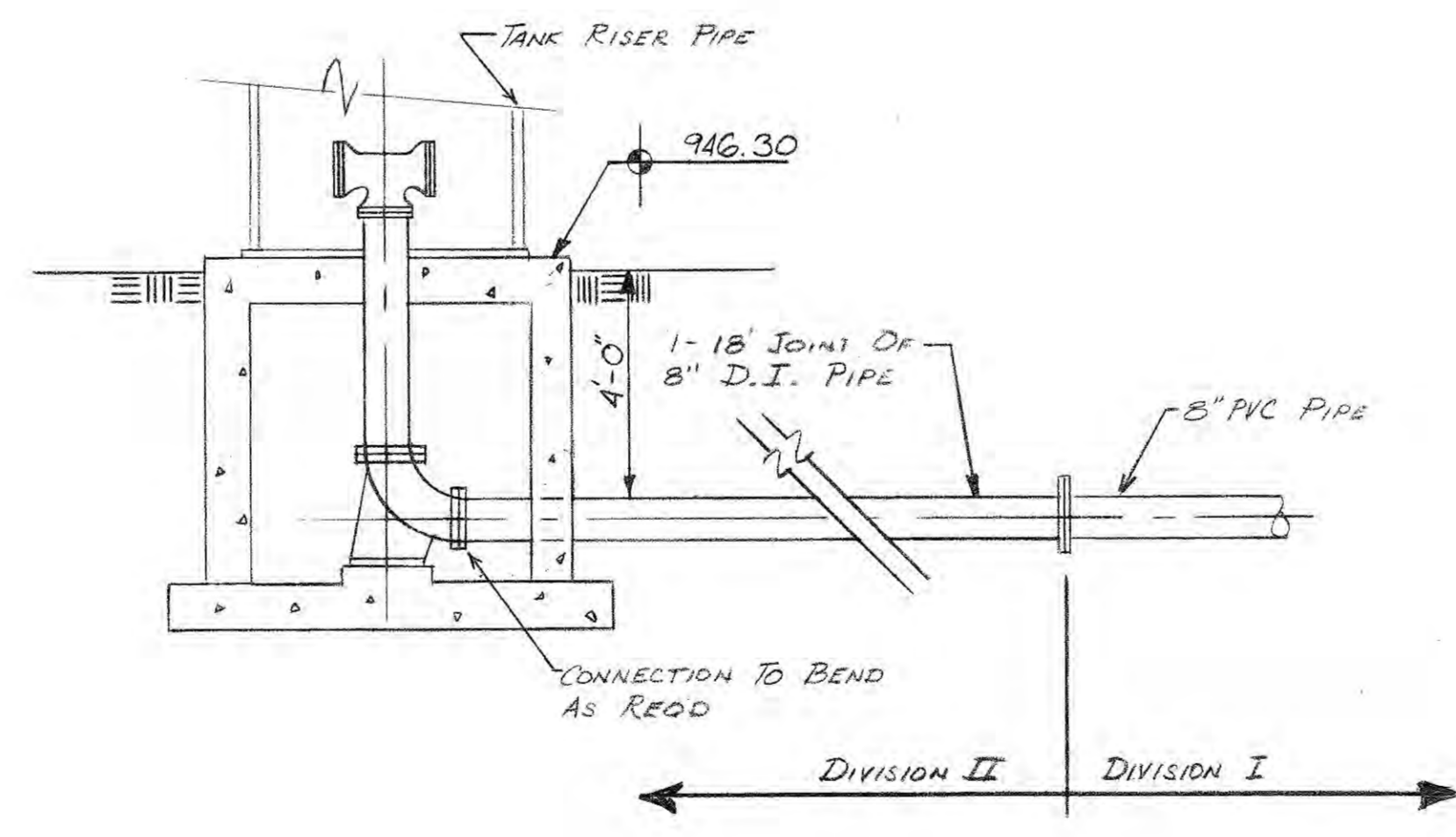
200,000 GAL. ELEVATED TANK  
ELEVATION  
NO SCALE



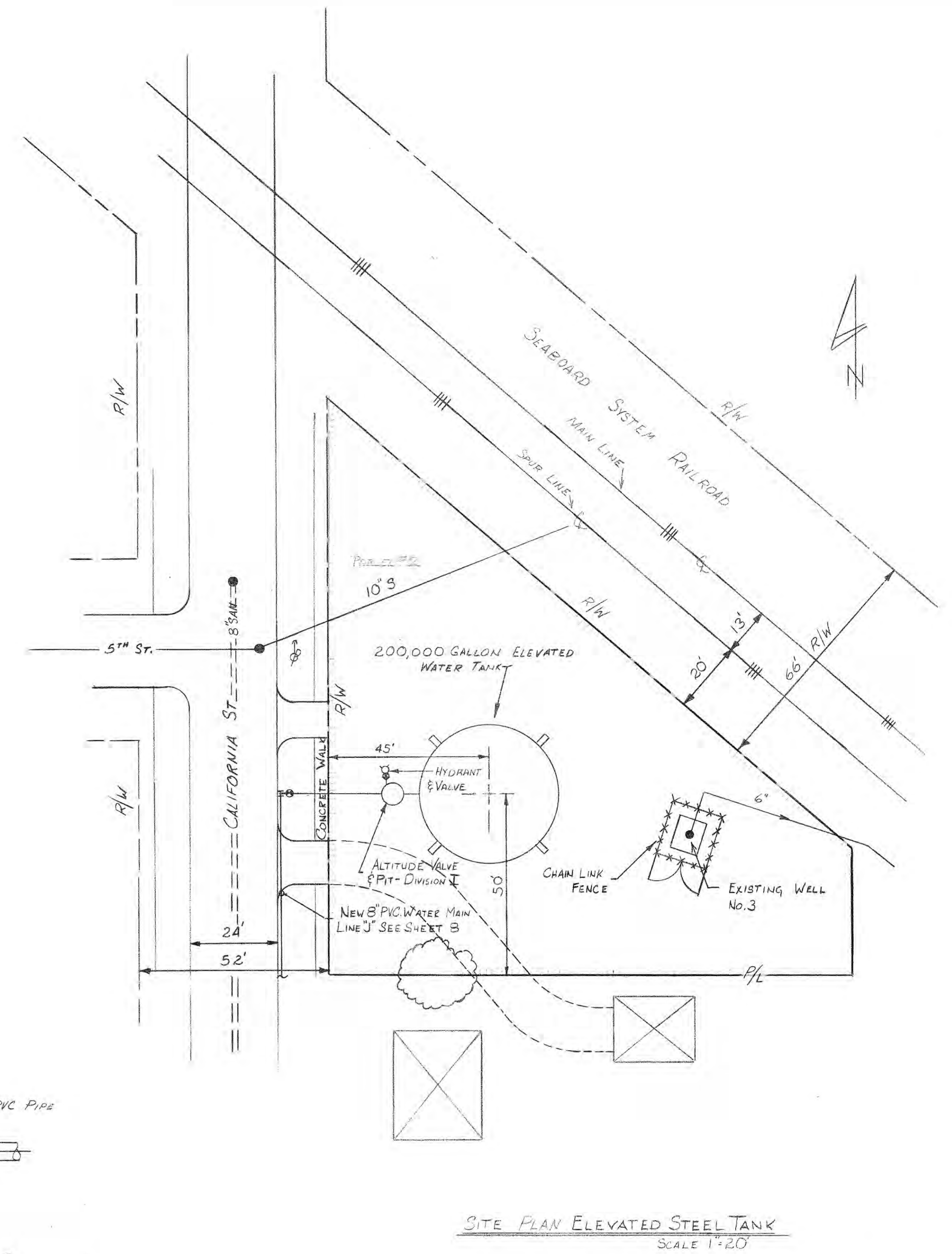
SPLASH BLOCK DETAIL  
SCALE 1/2\"/>



TANK FOUNDATION PLAN  
NO SCALE



RISER DETAIL  
NO SCALE



SITE PLAN ELEVATED STEEL TANK  
SCALE 1\"/>

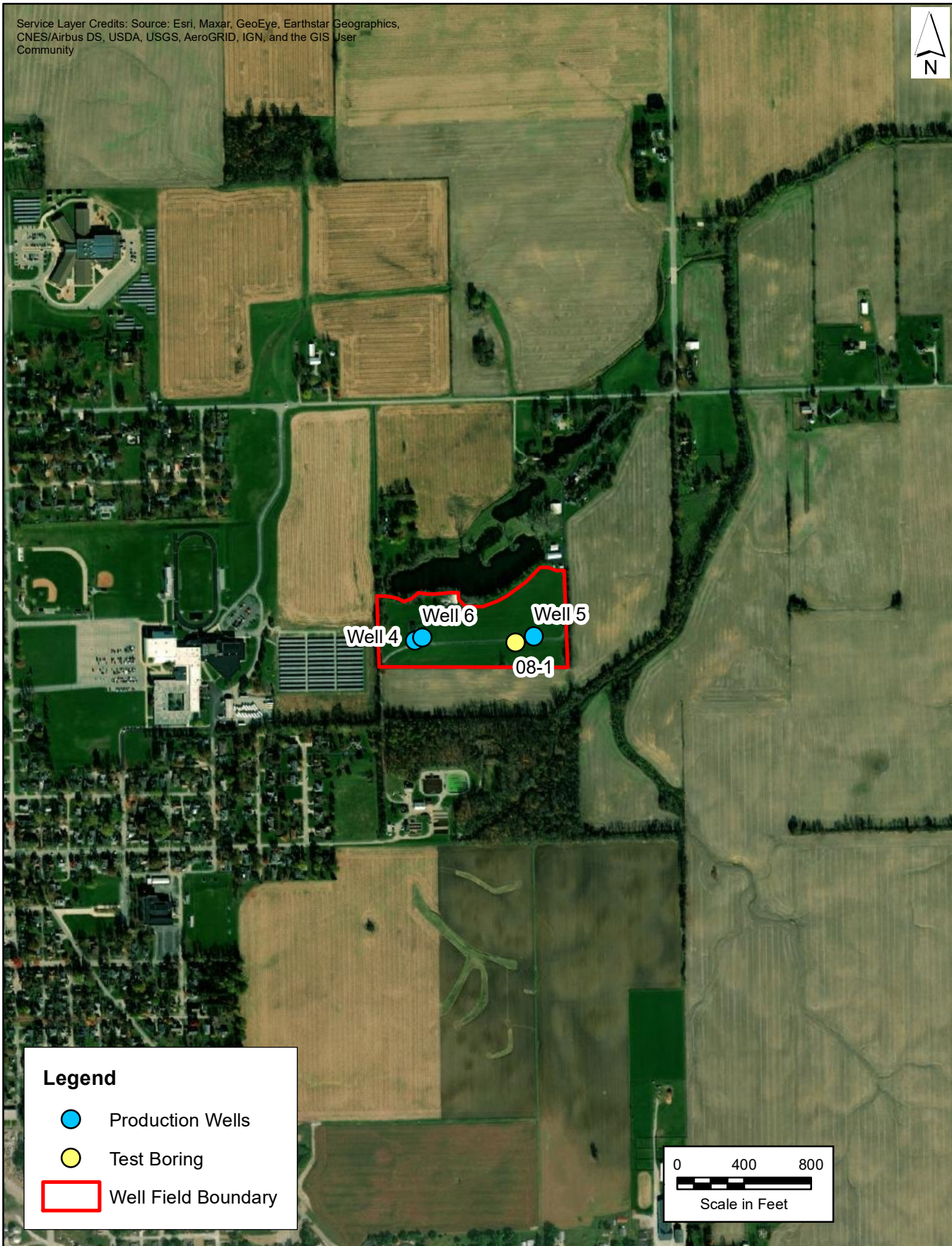
**DIVISION II**

ELEVATED WATER STORAGE TANK DETAILS		
WATERWORKS SYSTEM IMPROVEMENTS FOR THE TOWN OF SHERIDAN, INDIANA		
M. D. WESSLER & ASSOCIATES, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA		
SCALE: AS SHOWN	DRAWN BY: RGC	PROJECT NO.: 19283-03
DATE: 3-20-85	APPROVED BY: DGL	SHEET NO.: 11 OF 11






EAGON & ASSOCIATES, INC.

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



**Legend**

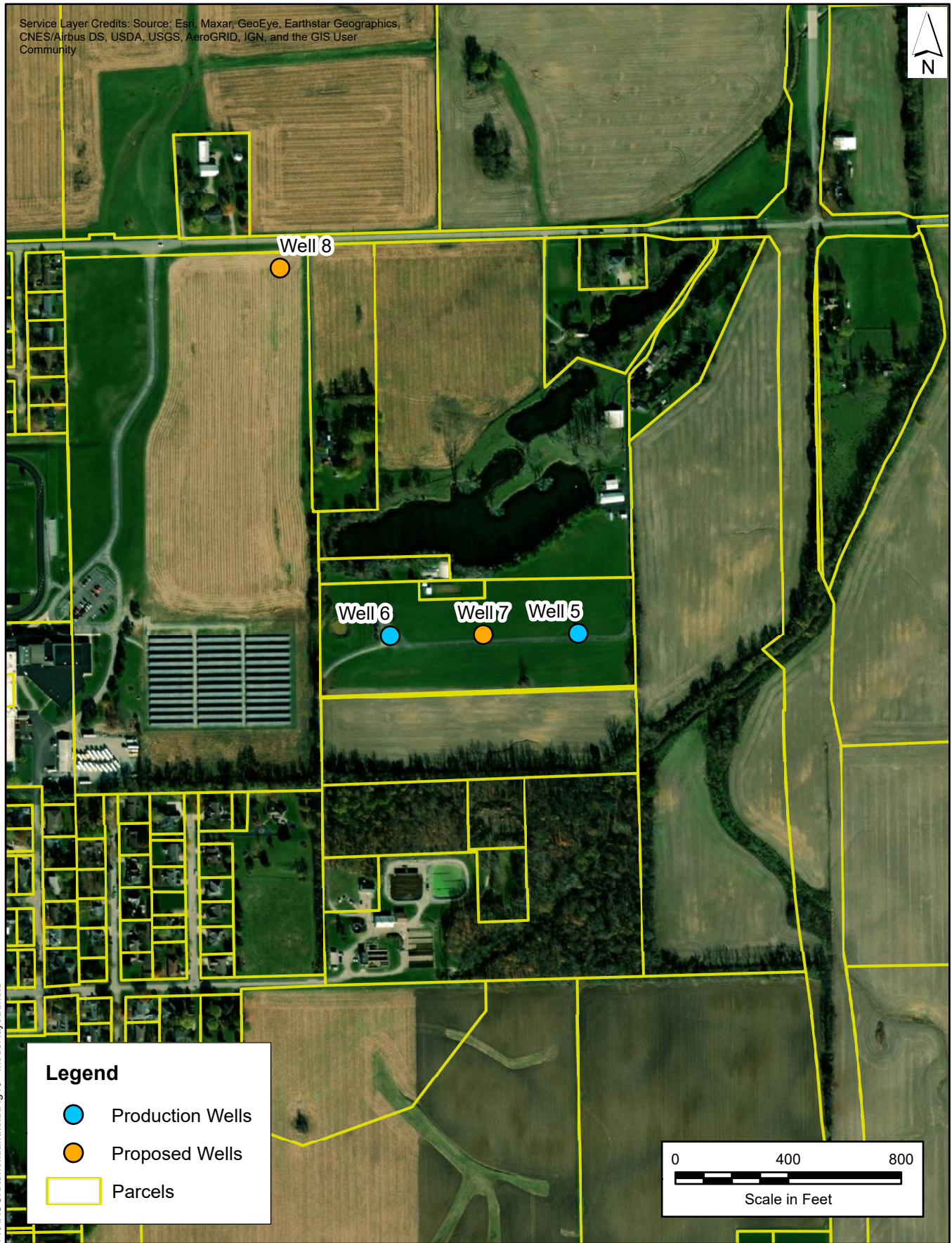
-  Production Wells
-  Test Boring
-  Well Field Boundary




F:\ARCGIS\Sheridan\mxd\Fig1 - Well Field Location Map.mxd

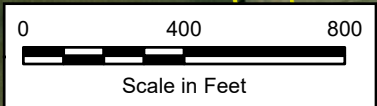
EAGON & ASSOCIATES, INC.

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



**Legend**

-  Production Wells
-  Proposed Wells
-  Parcels



F:\ARCGIS\Sheridan\mxd\Fig 13 - Model layout.mxd

**DESIGN CONCEPT**

**APPENDIX E**

**MONTHLY REPORT OF OPERATION DATA  
January 2020 - April 2022**

Monthly Report of  
Operation of Water  
Treatment Plant  
Form 100

Operator Signature:  Date: 2/09/2020  
Certification # ~~WT023400~~ WT072357

I certify, under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am also aware that there are significant penalties for submitting false information.

Indiana American Water

IDEM Field Rep: Dale Pershing


Sheridan-Plant  
PWS-ID:5229014

Month: January  
Year: 2020

Date	Filters		Chemicals (LBS/MG)		Chemicals (lbs)		Physical and Chemical Data (mg/L)						Chlorine Residual (mg/L)				Misc			
	Treated Water (MGD)	Filter Run (hours) TOTAL	Wash Water (MGD) Total	Total Cl2 (chlorine)	Phosphate-Blend (PO4)	Total Cl2 (chlorine)	Phosphate-Blend (PO4)	EH AB	EH pit	EH Hard	Raw Iron	Eff Iron	Raw Mn	Eff Mn	Eff PO4	Eff Cl2 Free	Eff Cl2 Total	Dist Cl2 Free	Dist Cl2 Total	Remarks
1/1/2020	0.174			57.47	11.49	10	2				0.10				1.80		1.90		2.60	
1/2/2020	0.167			59.88	11.98	10	2				0.30				1.60		2.60		2.40	
1/3/2020	0.159			62.89	12.58	10	2				0.30				1.60		2.70		2.60	
1/4/2020	0.154			64.94	12.99	10	2				0.20				2.80		2.60		2.70	
1/5/2020	0.165			60.61	12.17	10	2				0.10				1.50		1.30		2.30	
1/6/2020	0.182			60.44	5.45	11	1				0.20				1.50		2.60		2.60	
1/7/2020	0.175			57.14	11.43	10	2				1.10				1.10		1.70		2.60	
1/8/2020	0.161			62.11	12.42	10	2				0.40				1.20		2.70		2.60	
1/9/2020	0.174			48.88	5.75	8	1				0.30				1.10		2.40		2.30	
1/10/2020	0.135			66.67	7.41	9	1				0.30				1.10		2.40		2.30	
1/11/2020	0.140			71.43	14.25	10	2				0.30				1.10		2.30		2.30	
1/12/2020	0.184			54.35	10.87	10	2				0.20				1.10		2.40		2.10	
1/13/2020	0.168			59.52	11.90	10	2				0.30				1.10		2.30		2.40	
1/14/2020	0.173			52.02	5.76	9	1				0.30				1.20		2.20		2.30	
1/15/2020	0.169			47.34	11.83	8	2				0.30				1.00		2.30		2.20	
1/16/2020	0.157			57.32	6.37	9	1				0.30				1.40		2.20		2.30	
1/17/2020	0.177			45.20	11.30	8	2				0.30				1.30		2.40		2.10	
1/18/2020	0.143			62.94		9	0				0.30				0.30		2.30		2.30	
1/19/2020	0.198			40.40		8	0				0.30				1.00		2.30		2.30	
1/20/2020	0.167			65.87	11.98	11	2				0.30				0.20		2.30		2.10	
1/21/2020	0.186			48.39	5.38	9	1				0.30				0.30		2.30		2.30	
1/22/2020	0.155			58.06	19.35	9	3				0.20				1.30		2.30		2.20	
1/23/2020	0.157			57.32	12.74	9	2	360	8.10	380	2.70	0.10	0.02		1.80		2.10		2.30	
1/24/2020	0.162			55.56	18.52	9	3				0.30				1.80		2.40		2.30	
1/25/2020	0.165			54.55	12.12	9	2				0.00				2.80		2.00		2.10	
1/26/2020	0.192			52.08	15.63	10	3				0.20				2.80		1.90		2.00	
1/27/2020	0.229			39.30	8.73	9	2				0.30				1.80		2.10		2.10	
1/28/2020	0.157			50.96	12.74	8	2				0.00				1.40		2.20		2.10	
1/29/2020	0.169			65.09	17.75	11	3				0.10				1.80		2.00		2.10	
1/30/2020	0.186			53.76	16.13	10	3				0.10				1.90		2.20		2.20	
1/31/2020	0.185			59.46	10.81	11	2				0.30				1.90		2.20		1.90	
<b>Total</b>	<b>5.27</b>	<b>0.0</b>	<b>0.000</b>	<b>1749.05</b>	<b>337.88</b>	<b>294</b>	<b>57</b>	<b>360</b>	<b>8.10</b>	<b>380</b>	<b>2.70</b>	<b>8.70</b>	<b>0.10</b>	<b>0.02</b>	<b>44.60</b>	<b>0.00</b>	<b>69.60</b>	<b>0.00</b>	<b>71.20</b>	
<b>Average</b>	<b>0.17</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>56.42</b>	<b>11.65</b>	<b>9</b>	<b>2</b>	<b>360</b>	<b>8.10</b>	<b>380</b>	<b>2.70</b>	<b>0.26</b>	<b>0.19</b>	<b>0.02</b>	<b>1.44</b>	<b>#DIV/0!</b>	<b>2.25</b>	<b>#DIV/0!</b>	<b>2.30</b>	
<b>Min</b>	<b>0.14</b>	<b>0.0</b>	<b>0.000</b>	<b>39.30</b>	<b>5.38</b>	<b>8</b>	<b>0</b>	<b>360</b>	<b>8.10</b>	<b>380</b>	<b>2.70</b>	<b>0.00</b>	<b>0.10</b>	<b>0.02</b>	<b>0.20</b>	<b>0.00</b>	<b>1.30</b>	<b>0.00</b>	<b>1.90</b>	
<b>Max</b>	<b>0.23</b>	<b>0.0</b>	<b>0.000</b>	<b>71.43</b>	<b>19.35</b>	<b>11</b>	<b>3</b>	<b>360</b>	<b>8.10</b>	<b>380</b>	<b>2.70</b>	<b>1.10</b>	<b>0.10</b>	<b>0.02</b>	<b>2.80</b>	<b>0.00</b>	<b>2.70</b>	<b>0.00</b>	<b>2.70</b>	

Comments: Chemicals are measured in wet lbs unless otherwise noted



Operator Signature:  Date: 3/5/2020

Monthly Report of  
Operation of Water  
Treatment Plant  
Form 100

Certification # WT072357

I certify, under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am also aware that there are significant penalties for submitting false information.

Indiana American Water

IDEM Field Rep: Dale Pershing

Sheridan-Plant  
PWS-ID:5229014

Month: February  
Year: 2020

Date	Filters		Chemicals (LBS/MG)		Chemicals (lbs)		Physical and Chemical Data (mg/L)							Chlorine Residual (mg/L)				Misc		
	Treated Water (MGD)	Filter Run (hours) TOTAL	Wash Water (MGD) Total	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Eff Alk	Eff pH	Eff Hard	Raw Iron	Eff Iron	Raw Mn	Eff Mn	Eff PO4	Eff CL2 Free	Eff CL2 Total	Dis CL2 Free	Dis CL2 Total	Remarks
2/1/2020	0.210			52.38	14.29	11	3								0.20		2.10		2.20	
2/2/2020	0.160			43.75	18.75	7	3								0.10		1.90		2.10	
2/3/2020	0.200			35.00	15.00	7	3	360	8.10	420	2.70	0.30	0.09	0.07	1.90		2.20		2.10	
2/4/2020	0.156			64.10	25.64	10	4								0.20		1.80		2.30	
2/5/2020	0.210			38.10	9.52	8	2								0.30		1.90		1.80	
2/6/2020	0.177			45.20	11.30	8	2								0.10		1.80		2.00	
2/7/2020	0.200			55.00	15.00	11	3								0.20		2.60		2.00	
2/8/2020	0.200			40.00	10.00	8	2								0.30		1.80		2.10	
2/9/2020	0.170			47.06	11.76	8	2								0.30		1.90		2.10	
2/10/2020	0.170			64.71	17.65	11	3								0.30		2.80		2.00	
2/11/2020	0.180			44.44	16.67	8	3								0.20		1.90		2.00	
2/12/2020	0.170			58.82	17.65	10	3								0.30		2.20		1.90	
2/13/2020	0.190			31.58	15.79	6	3								0.20		1.70		2.10	
2/14/2020	0.180			33.33	16.67	6	3								0.20		1.70		2.00	
2/15/2020	0.150			53.33	13.33	8	2								0.20		2.80		1.90	
2/16/2020	0.180			50.00	16.67	9	3								0.20		0.60		1.90	
2/17/2020	0.250			40.00	24.00	10	6								0.30		2.50		2.00	
2/18/2020	0.130			61.54	23.08	8	3								0.10		1.80		1.90	
2/19/2020	0.180			50.00	16.67	9	3								0.20		2.20		1.90	
2/20/2020	0.170			47.06	17.65	8	3								0.30		2.70		2.00	
2/21/2020	0.160			50.00	18.75	8	3								0.30		2.00		2.00	
2/22/2020	0.140			50.00	21.43	7	3								0.20		1.90		1.90	
2/23/2020	0.170			41.18	17.65	7	3								0.30		1.90		2.00	
2/24/2020	0.190			42.11	5.26	8	1								0.10		2.00		1.90	
2/25/2020	0.160			43.75	18.75	7	3								0.20		1.90		1.80	
2/26/2020	0.160			43.75	12.50	7	2								0.20		2.00		1.90	
2/27/2020	0.170			41.18	11.76	7	2								0.20		1.90		1.90	
2/28/2020	0.160			43.75	12.50	7	2								0.10		1.90		1.70	
2/29/2020	0.160			6.25	12.50	1	2								0.20		1.80		2.10	
<b>Total</b>	<b>5.10</b>	<b>0.0</b>	<b>0.000</b>	<b>1317.36</b>	<b>458.18</b>	<b>230</b>	<b>80</b>	<b>360</b>	<b>8.10</b>	<b>420</b>	<b>2.70</b>	<b>6.30</b>	<b>0.09</b>	<b>0.07</b>	<b>56.60</b>	<b>0.00</b>	<b>57.50</b>	<b>0.00</b>	<b>54.80</b>	
<b>Average</b>	<b>0.18</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>45.43</b>	<b>15.80</b>	<b>8</b>	<b>3</b>	<b>360</b>	<b>8.10</b>	<b>420</b>	<b>2.70</b>	<b>0.22</b>	<b>0.09</b>	<b>0.07</b>	<b>1.95</b>	<b>#DIV/0!</b>	<b>1.98</b>	<b>#DIV/0!</b>	<b>1.89</b>	
<b>Min</b>	<b>0.13</b>	<b>0.0</b>	<b>0.000</b>	<b>6.25</b>	<b>5.26</b>	<b>1</b>	<b>1</b>	<b>360</b>	<b>8.10</b>	<b>420</b>	<b>2.70</b>	<b>0.10</b>	<b>0.09</b>	<b>0.07</b>	<b>0.60</b>	<b>0.00</b>	<b>1.80</b>	<b>0.00</b>	<b>1.60</b>	
<b>Max</b>	<b>0.25</b>	<b>0.0</b>	<b>0.000</b>	<b>64.71</b>	<b>25.64</b>	<b>11</b>	<b>6</b>	<b>360</b>	<b>8.10</b>	<b>420</b>	<b>2.70</b>	<b>0.30</b>	<b>0.09</b>	<b>0.07</b>	<b>2.80</b>	<b>0.00</b>	<b>2.30</b>	<b>0.00</b>	<b>2.20</b>	

Comments: Chemicals are measured in wet lbs unless otherwise noted

*Kirk Kurobe for Ryan Smith*  
*KPK*

Monthly Report of  
Operation of Water  
Treatment Plant  
Form 100

Operator Signature: \_\_\_\_\_ Date: 4/12/20

Certification # WT072357

I certify, under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am also aware that there are significant penalties for submitting false information.

Indiana American Water

IDEM Field Rep: Dale Pershing

Sheridan-Plant  
PWS-ID:5229014

Month: March  
Year: 2020

Date	Filters		Chemicals (LBS/MG)		Chemicals (lbs)		Physical and Chemical Data (mg/L)								Chlorine Residual (mg/L)				Misc	
	Treated Water (MGD)	Filter Run (hours)_ TOTAL	Wash Water (MGD) Total	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Eff Alk	Eff pH	Eff Hard	Raw Iron	Eff Iron	Raw Mn	Eff Mn	Eff PO4	Eff CL2 Free	Eff CL2 Total	Dist CL2 Free	Dist CL2 Total	Remarks
3/1/2020	0.064			140.63	31.25	9	2	360	8.00	380	2.20	0.10	0.12	0.05	1.40	1.80		1.80		
3/2/2020	0.065			138.46	46.15	9	3		8.00						2.00	1.90		1.70		
3/3/2020	0.065			123.08	30.77	8	2		7.90						1.80	2.00		1.70		
3/4/2020	0.065			107.69	46.15	7	3		8.00						2.00	2.00		1.60		
3/5/2020	0.065			123.08	46.15	8	3		8.00						2.00	1.90		1.80		
3/6/2020	0.065			123.08	46.15	8	3		8.00						2.00	1.90		1.90		
3/7/2020	0.065			107.69		7	0		8.00						2.00	1.70		1.60		
3/8/2020	0.066			121.21	75.76	8	5		8.00						2.20	1.90		1.70		
3/9/2020	0.066			136.36	45.45	9	3		8.00						2.10	1.90		1.90		
3/10/2020	0.066			106.06	45.45	7	3		7.90						2.60	1.20		1.70		
3/11/2020	0.066			121.21	30.30	8	2		8.00						1.70	1.80		1.90		
3/12/2020	0.066			136.36	45.45	9	3		7.70						1.90	2.00		1.80		
3/13/2020	0.066			136.36	45.45	9	3		7.70						1.90	2.00		1.70		
3/14/2020	0.067			119.40	44.78	8	3		7.70						1.80	2.00		1.60		
3/15/2020	0.067			104.48	29.85	7	2		7.70						2.60	1.90		1.80		
3/16/2020	0.067			104.48	44.78	7	3		7.80						2.20	1.70		1.90		
3/17/2020	0.067			134.33	44.78	9	3		7.70						2.50	2.30		2.00		
3/18/2020	0.067			104.48	14.93	7	1		7.80						2.00	1.90		1.90		
3/19/2020	0.067			134.33	44.78	9	3		7.70						2.70	1.90		1.90		
3/20/2020	0.068			88.24	29.41	6	2		7.70						2.30	2.10		0.30		
3/21/2020	0.068			117.65	29.41	8	2		7.70						2.10	2.40		1.40		
3/22/2020	0.068			117.65	44.12	8	3		7.80						2.00	2.20		2.20		
3/23/2020	0.068			117.65	44.12	8	3		7.70						2.10	2.30		2.40		
3/24/2020	0.068			102.94	29.41	7	2		7.70						2.00	2.40		2.40		
3/25/2020	0.068			147.06	44.12	10	3		7.80						2.70	2.50		2.40		
3/26/2020	0.069			115.94	43.48	8	3		7.70						2.80	2.30		2.30		
3/27/2020	0.069			115.94	43.48	8	3		7.70						2.00	2.20		2.30		
3/28/2020	0.069			115.94	43.48	8	3		7.70						2.00	1.50		2.30		
3/29/2020	0.069			115.94	43.48	8	3		7.70						2.00	2.30		2.20		
3/30/2020	0.069			144.93	43.48	10	3		7.80						2.00	2.30		2.30		
3/31/2020	0.069			144.93	43.48	10	3		7.70						2.00	2.40		2.30		
<b>Total</b>	2.07	0.0	0.000	3767.57	1239.85	252	83	360	234.60	380	2.20	6.90	0.12	0.05	65.40	0.00	62.60	0.00	58.70	
<b>Average</b>	0.07	#DIV/0!	#DIV/0!	121.53	41.33	8	3	360	7.82	380	2.20	0.22	0.12	0.05	2.11	#DIV/0!	2.02	#DIV/0!	1.89	
<b>Min</b>	0.06	0.0	0.000	88.24	14.93	6	0	360	7.70	380	2.20	0.10	0.12	0.05	1.40	0.00	1.20	0.00	0.30	
<b>Max</b>	0.07	0.0	0.000	147.06	75.76	10	5	360	8.00	380	2.20	0.30	0.12	0.05	2.80	0.00	2.50	0.00	2.40	

Comments: Chemicals are measured in wet lbs unless otherwise noted

Monthly Report of  
Operation of Water  
Treatment Plant  
Form 100

Operator Signature:  Date: 5/7/2020

Certification # WT072357

I certify, under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am also aware that there are significant penalties for submitting false information.

Indiana American Water

IDEM Field Rep: Dale Pershing

Sheridan-Plant  
PWS-ID:5229014

Month: April  
Year: 2020

Date	Filters		Chemicals (LBS/MG)		Chemicals (lbs)		Physical and Chemical Data (mg/L)						Chlorine Residual (mg/L)				Misc			
	Treated Water (MGD)	Filter Run (hours)_ TOTAL	Wash Water (MGD) Total	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Eff Alk	Eff pH	Eff Hard	Raw Iron	Eff Iron	Raw Mn	Eff Mn	Eff PO4	EFF CL2 Free	EFF CL2 Total	Dist CL2 Free	Dist CL2 Total	Remarks
4/1/2020	0.156			51.28	12.82	8	2	380	7.80	380	2.70	0.10	0.10	0.08	2.20	2.40	2.40	2.30		
4/2/2020	0.169			47.34	17.75	8	3		7.70						2.00	2.40	2.40	2.30		
4/3/2020	0.162			49.38	18.52	8	3		7.70						2.30	2.40	2.40	2.30		
4/4/2020	0.145			55.17	20.69	8	3		7.70						2.00	2.40	2.40	2.30		
4/5/2020	0.171			46.78	17.54	8	3		7.70						2.10	2.30	2.30	2.20		
4/6/2020	0.139			71.94	21.58	10	3		7.70						1.80	2.40	2.40	2.10		
4/7/2020	0.201			54.73	14.93	11	3		7.80						1.90	2.50	2.50	2.00		
4/8/2020	0.149			53.69	20.13	8	3		7.70						2.00	2.30	2.30	2.30		
4/9/2020	0.155			51.61	12.90	8	2		7.70						1.90	2.20	2.20	2.10		
4/10/2020	0.184			54.35	16.30	10	3								2.50	2.30	2.30	2.00		
4/11/2020	0.153			58.82	19.61	9	3								2.00	2.10	2.10	2.10		
4/12/2020	0.152			52.63	13.16	8	2		7.80						2.80	2.20	2.20	2.00		
4/13/2020	0.161			49.69	18.63	8	3		7.70						1.90	2.10	2.10	2.20		
4/14/2020	0.173			52.02	17.34	9	3		7.80						2.20	2.30	2.30	2.20		
4/15/2020	0.156			57.69	19.23	9	3		7.70						2.00	2.40	2.40	2.30		
4/16/2020	0.164			54.88	18.29	9	3		7.70						2.10	2.30	2.30	2.20		
4/17/2020	0.165			54.55	18.18	9	3		7.70						2.10	1.70	1.70	1.80		
4/18/2020	0.142			56.34	21.13	8	3		7.80						2.10	1.60	1.60	1.70		
4/19/2020	0.185			48.65	16.22	9	3		7.80						2.10	1.60	1.60	1.60		
4/20/2020	0.186			43.01	16.13	8	3		7.80						2.10	1.60	1.60	1.60		
4/21/2020	0.170			47.06	17.65	8	3		7.80						1.90	1.60	1.60	1.60		
4/22/2020	0.206			33.98	14.56	7	3		7.80						2.10	1.60	1.60	1.30		
4/23/2020	0.157			44.59	19.11	7	3		7.80						2.00	1.50	1.50	1.50		
4/24/2020	0.162			43.21	18.52	7	3		7.80						2.00	1.50	1.50	1.50		
4/25/2020	0.118			50.85	25.42	6	3		7.80						2.80	1.50	1.50	1.50		
4/26/2020	0.185			27.03	10.81	5	2		7.80						2.10	1.10	1.10	1.50		
4/27/2020	0.354			14.12	5.65	5	2		7.80						2.00	1.60	1.60	1.30		
4/28/2020	0.354			19.77	8.47	7	3		7.80						1.90	1.60	1.60	1.40		
4/29/2020	0.215			37.21	13.95	8	3		7.70						1.60	1.60	1.60	1.40		
4/30/2020	0.185			43.24	16.22	8	3		7.70						1.60	2.50	2.50	2.20		
<b>Total</b>	<b>5.37</b>	<b>0.0</b>	<b>0.000</b>	<b>1425.62</b>	<b>501.46</b>	<b>241</b>	<b>85</b>	<b>380</b>	<b>217.10</b>	<b>380</b>	<b>2.70</b>	<b>5.30</b>	<b>0.10</b>	<b>0.08</b>	<b>62.10</b>	<b>0.00</b>	<b>59.60</b>	<b>0.00</b>	<b>56.80</b>	
<b>Average</b>	<b>0.18</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>47.52</b>	<b>16.72</b>	<b>8</b>	<b>3</b>	<b>380</b>	<b>7.75</b>	<b>380</b>	<b>2.70</b>	<b>0.18</b>	<b>0.10</b>	<b>0.08</b>	<b>2.07</b>	<b>#DIV/0!</b>	<b>1.99</b>	<b>#DIV/0!</b>	<b>1.89</b>	
<b>Min</b>	<b>0.12</b>	<b>0.0</b>	<b>0.000</b>	<b>14.12</b>	<b>5.65</b>	<b>5</b>	<b>2</b>	<b>380</b>	<b>7.70</b>	<b>380</b>	<b>2.70</b>	<b>0.10</b>	<b>0.10</b>	<b>0.08</b>	<b>1.60</b>	<b>0.00</b>	<b>1.10</b>	<b>0.00</b>	<b>1.30</b>	
<b>Max</b>	<b>0.35</b>	<b>0.0</b>	<b>0.000</b>	<b>71.94</b>	<b>25.42</b>	<b>11</b>	<b>3</b>	<b>380</b>	<b>7.80</b>	<b>380</b>	<b>2.70</b>	<b>0.40</b>	<b>0.10</b>	<b>0.08</b>	<b>2.80</b>	<b>0.00</b>	<b>2.50</b>	<b>0.00</b>	<b>2.30</b>	

Comments: Chemicals are measured in wet lbs unless otherwise noted

Monthly Report of  
Operation of Water  
Treatment Plant  
Form 100

Operator Signature:  Date: 6/08/2020  
Certification # WT072357

I certify, under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am also aware that there are significant penalties for submitting false information.

IDEM Field Rep: Dale Pershing

Indiana American Water

Sheridan-Plant  
PWS-ID:5229014

Month: May  
Year: 2020

Date	Filters		Chemicals (LBS/MG)		Chemicals (lbs)			Physical and Chemical Data (mg/L)							Chlorine Residual (mg/L)				Misc	
	Treated Water (MGD)	Filter Run (hours) TOTAL	Wash Water (MGD) Total	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Eff Alk	Eff pH	Eff Hard	Raw Iron	Eff Mn	Raw Mn	Eff Mn	Eff PO4	Eff CL2 Free	Eff CL2 Total	Dist CL2 Free	Dist CL2 Total	Remarks
5/1/2020	0.142			42.25	14.08	6	2	380	7.80	360	2.60	0.10	0.10	0.08	1.70		1.40		1.70	
5/2/2020	0.184			32.61	16.30	6	3		7.80						1.80		1.50		1.40	
5/3/2020	0.200			40.00	15.00	8	3		7.70						1.80		1.50		1.30	
5/4/2020	0.195			35.90	15.38	7	3		7.80						1.90		1.10		1.40	
5/5/2020	0.162			43.21	18.52	7	3		7.80						1.80		1.60		1.50	
5/6/2020	0.184			38.04	16.30	7	3		7.80						1.90		1.60		1.50	
5/7/2020	0.163			42.94	18.40	7	3		7.70						2.10		1.50		1.40	
5/8/2020	0.171			40.94	17.54	7	3		7.70						2.00		1.60		1.40	
5/9/2020	0.159			44.03	18.87	7	3		7.80						2.40		1.40		1.50	
5/10/2020	0.177			33.90	16.95	6	3		7.70						2.80		1.40		1.40	
5/11/2020	0.180			44.44	16.67	8	3		7.80						2.10		1.40		1.30	
5/12/2020	0.173			46.24	11.56	8	2		7.80						2.20		1.50		1.40	
5/13/2020	0.177			56.50	16.95	10	3		7.80						2.10		1.60		1.50	
5/14/2020	0.176			39.77	17.05	7	3		7.70						2.00		1.50		1.50	
5/15/2020	0.171			35.09	17.54	6	3		7.70						2.00		1.50		1.50	
5/16/2020	0.168			47.62	17.86	8	3		7.70						2.00		1.50		1.50	
5/17/2020	0.201			39.80	14.93	8	3		7.70						2.00		1.50		1.40	
5/18/2020	0.186			43.01	16.13	8	3		7.70						2.80		1.50		1.30	
5/19/2020	0.181			38.67	16.57	7	3		7.70						1.90		1.30		1.50	
5/20/2020	0.170			52.94	17.65	9	3		7.70						2.00		1.50		1.40	
5/21/2020	0.167			53.89	17.96	9	3		7.80						2.10		1.50		1.40	
5/22/2020	0.173			40.46	17.34	7	3		7.70						2.00		1.60		1.50	
5/23/2020	0.175			45.71	11.43	8	2		7.80						2.20		1.40		1.20	
5/24/2020	0.176			39.77	17.05	7	3		7.80						2.80		1.20		1.20	
5/25/2020	0.197			40.61	15.23	8	3		7.70						1.80		1.50		1.40	
5/26/2020	0.224			35.71	13.39	8	3		7.70						1.90		1.60		1.40	
5/27/2020	0.205			43.90	14.63	9	3		7.80						1.90		1.60		1.40	
5/28/2020	0.188			37.23	15.96	7	3		7.70						2.00		1.60		1.50	
5/29/2020	0.187			37.43	16.04	7	3		7.70						2.00		1.60		1.40	
5/30/2020	0.189			26.46	15.87	5	3		7.70						1.90		1.40		1.30	
5/31/2020	0.181			33.15	16.57	6	3		7.80						1.90		1.50		1.30	
<b>Total</b>	<b>5.58</b>	<b>0.0</b>	<b>0.000</b>	<b>1272.25</b>	<b>501.74</b>	<b>228</b>	<b>90</b>	<b>380</b>	<b>240.10</b>	<b>360</b>	<b>2.60</b>	<b>3.80</b>	<b>0.10</b>	<b>0.08</b>	<b>63.80</b>	<b>0.00</b>	<b>45.90</b>	<b>0.00</b>	<b>43.80</b>	
<b>Average</b>	<b>0.18</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>41.04</b>	<b>16.19</b>	<b>7</b>	<b>3</b>	<b>380</b>	<b>7.75</b>	<b>360</b>	<b>2.60</b>	<b>0.12</b>	<b>0.10</b>	<b>0.08</b>	<b>2.06</b>	<b>#DIV/0!</b>	<b>1.48</b>	<b>#DIV/0!</b>	<b>1.41</b>	
<b>Min</b>	<b>0.14</b>	<b>0.0</b>	<b>0.000</b>	<b>26.46</b>	<b>11.43</b>	<b>5</b>	<b>2</b>	<b>380</b>	<b>7.70</b>	<b>360</b>	<b>2.60</b>	<b>0.10</b>	<b>0.10</b>	<b>0.08</b>	<b>1.70</b>	<b>0.00</b>	<b>1.10</b>	<b>0.00</b>	<b>1.20</b>	
<b>Max</b>	<b>0.22</b>	<b>0.0</b>	<b>0.000</b>	<b>56.50</b>	<b>18.87</b>	<b>10</b>	<b>3</b>	<b>380</b>	<b>7.80</b>	<b>360</b>	<b>2.60</b>	<b>0.20</b>	<b>0.10</b>	<b>0.08</b>	<b>2.80</b>	<b>0.00</b>	<b>1.60</b>	<b>0.00</b>	<b>1.70</b>	

Comments: Chemicals are measured in wet lbs unless otherwise noted

Monthly Report of  
Operation of Water  
Treatment Plant  
Form 100

Operator Signature:  Date: 7/08/2020

Certification # WT072357

I certify, under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am also aware that there are significant penalties for submitting false information.

Indiana American Water


IDEM Field Rep: Dale Pershing

Sheridan-Plant  
PWS-ID:5229014

Month: June  
Year: 2020

Date	Filters		Chemicals (LBS/MG)		Chemicals (lbs)		Physical and Chemical Data (mg/L)							Chlorine Residual (mg/L)				Misc		
	Treated Water (MGD)	Filter Run (hours) TOTAL	Wash Water (MGD) Total	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Eff Alk	Eff pH	Eff Hard	Raw Iron	Eff Iron	Raw Mn	Eff Mn	Eff PO4	Eff CL2 Free	Eff CL2 Total	Dist CL2 Free	Dist CL2 Total	Remarks
6/1/2020	0.211			33.18	18.96	7	4		7.80			0.30			1.80	1.50		1.20		
6/2/2020	0.188			42.55	15.96	8	3		7.80			0.00			1.90	1.60		1.40		
6/3/2020	0.223			35.87	13.45	8	3					0.00			2.00	1.50		1.40		
6/4/2020	0.186			43.01	16.13	8	3		7.90			0.00			1.90	1.10		1.30		
6/5/2020	0.186			32.26	10.75	6	2					0.00			1.60	1.40		1.10		
6/6/2020	0.192			26.04	10.42	5	2		7.90			0.00			2.00	1.50		1.20		
6/7/2020	0.214			42.06	14.02	9	3					0.00			1.70	1.20		1.00		
6/8/2020	0.206			24.27	19.42	5	4		7.80			0.20			2.00	1.40		1.20		
6/9/2020	0.200			25.00	15.00	5	3		7.70			0.00			1.80	1.40		1.30		
6/10/2020	0.169			29.59	23.67	5	4		7.70			0.00			1.90	1.30		1.10		
6/11/2020	0.168			35.71	17.86	6	3		7.70			0.10			2.30	1.30		1.20		
6/12/2020	0.181			33.15	16.57	6	3		7.70			0.00			2.10	1.30		1.10		
6/13/2020	0.187			37.43	16.04	7	3		7.80			0.00			2.00	1.30		1.20		
6/14/2020	0.190			31.58	15.79	6	3		7.70			0.00			2.00	1.30		1.10		
6/15/2020	0.207			38.65	14.49	8	3		7.70			0.10			2.80	1.30		1.00		
6/16/2020	0.195			35.90	20.51	7	4		7.70			0.00			2.00	1.40		1.10		
6/17/2020	0.202			39.60	19.80	8	4	360	7.70	380	2.50	0.00	0.09	0.06	2.00	1.20		0.80		
6/18/2020	0.192			36.46	26.04	7	5		7.70			0.00			2.40	1.30		1.00		
6/19/2020	0.213			32.86	23.47	7	5		7.80			0.10			3.00	1.30		1.00		
6/20/2020	0.208			38.46	14.42	8	3		7.70			0.00			2.60	1.30		0.90		
6/21/2020	0.205			34.15	24.39	7	5		7.70			0.00			2.80	0.90		0.60		
6/22/2020	0.176			28.41	28.41	5	5		7.80			0.00			2.50	1.20		0.50		
6/23/2020	0.190			42.11	21.05	8	4		7.80			0.00			2.40	1.00		0.90		
6/24/2020	0.197			30.46	25.38	6	5		7.80			0.00			2.30	1.30		0.80		
6/25/2020	0.178			39.33	22.47	7	4		7.80			0.00			2.30	1.00		0.90		
6/26/2020	0.176			34.09	22.73	6	4		7.80			0.00			2.40	1.30		0.50		
6/27/2020	0.212			37.74	23.58	8	5		7.70			0.00			2.40	0.80		0.80		
6/28/2020	0.167			35.93	17.96	6	3		7.70			0.10			2.60	0.80		0.60		
6/29/2020	0.184			27.17	27.17	5	5		7.80			0.10			2.60	0.80		0.60		
6/30/2020	0.179			44.69	22.35	8	4		7.80			0.10			2.70	0.80		0.50		
<b>Total</b>	5.78	0.0	0.000	1047.70	578.28	202	111	360	209.50	380	2.50	1.10	0.09	0.06	66.70	0.00	36.80	0.00	29.30	
<b>Average</b>	0.19	#DIV/0!	#DIV/0!	34.92	19.28	7	4	360	7.76	380	2.50	0.04	0.09	0.06	2.22	#DIV/0!	1.23	#DIV/0!	0.98	
<b>Min</b>	0.17	0.0	0.000	24.27	10.42	5	2	360	7.70	380	2.50	0.00	0.09	0.06	1.60	0.00	0.80	0.00	0.50	
<b>Max</b>	0.22	0.0	0.000	44.69	28.41	9	5	360	7.90	380	2.50	0.30	0.09	0.06	3.00	0.00	1.60	0.00	1.40	

Comments: Chemicals are measured in wet lbs unless otherwise noted

Operator Signature:  Date: 8/06/2020

Monthly Report of  
Operation of Water  
Treatment Plant  
Form 100

Certification # WT072357

I certify, under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am also aware that there are significant penalties for submitting false information.

Indiana American Water

IDEM Field Rep: Dale Pershing

Sheridan-Plant  
PWS-ID:5229014

Month: July  
Year: 2020

Date	Filters		Chemicals (LBS/MG)		Chemicals (lbs)		Physical and Chemical Data (mg/L)							Chlorine Residual (mg/L)				Misc		
	Treated Water (MGD)	Filter Run (hours) TOTAL	Wash Water (MGD) Total	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Total CL2 (chlorine)	Phosphate-Blend (PO4)	EH Alk	EH pH	EH Hard	Raw Iron	LB Iron	Raw Mn	EH Mn	EH PO4	EH CL2 Free	EH CL2 Total	Dist CL2 Free	Dist CL2 Total	Remarks
7/1/2020	0.175			28.57	17.14	5	3		7.80			0.00			2.50		1.00		0.70	
7/2/2020	0.183			38.25	27.32	7	5		7.80			0.00			2.80		0.70		0.40	
7/3/2020	0.260			23.08	11.54	6	3		7.80			0.00			2.80		0.60		0.40	
7/4/2020	0.119			50.42	42.02	6	5		7.80			0.00			2.80		0.60		0.40	
7/5/2020	0.187			32.09	26.74	6	5		7.80			0.00			2.80		0.60		0.30	
7/6/2020	0.209			33.49	19.14	7	4		7.80			0.10			2.60		0.70		0.50	
7/7/2020	0.188			26.60	21.28	5	4		7.80			0.10			2.60		0.70		0.30	
7/8/2020	0.186			48.39	26.88	9	5		7.80			0.20			2.50		0.70		0.30	
7/9/2020	0.186			43.01	21.51	8	4		7.70			0.10			2.50		1.60		0.50	
7/10/2020	0.186			43.01	21.51	8	4		7.70			0.10			2.70		1.80		0.60	
7/11/2020	0.177			50.85	22.60	9	4		7.70			0.00			2.30		1.60		0.50	
7/12/2020	0.174			40.23	22.99	7	4		7.70			0.00			2.30		1.60		0.50	
7/13/2020	0.183			32.79	10.93	6	2		7.70			0.10			2.40		1.60		0.50	
7/14/2020	0.131			61.07	22.90	8	3		7.70			0.00			1.70		2.00		1.80	
7/15/2020	0.173			52.02	17.34	9	3		7.70			0.10			1.80		2.00		1.10	
7/16/2020	0.181			44.20	16.57	8	3		7.70			0.00			2.00		2.20		0.90	
7/17/2020	0.183			43.72	16.39	8	3		7.70			0.00			1.80		2.20		0.60	
7/18/2020	0.165			54.55	6.06	9	1		7.70			0.00			2.00		2.30		0.70	
7/19/2020	0.195			46.15	15.38	9	3		7.70			0.00			2.00		2.20		0.60	
7/20/2020	0.195			46.15	20.51	9	4		7.70			0.00			2.80		2.20		1.20	
7/21/2020	0.182			54.95	16.48	10	3		7.70			0.00			1.90		2.20		1.20	
7/22/2020	0.199			50.25	15.08	10	3		7.60			0.00			2.00		2.90		1.70	
7/23/2020	0.153			65.36	13.07	10	2	360	7.70	320	2.70	0.00	0.11	0.07	2.10		2.50		1.20	
7/24/2020	0.158			63.29	12.66	10	2		7.60			0.10			2.10		3.00		0.50	
7/25/2020	0.173			69.36	11.56	12	2					0.00			1.70		3.10		0.90	
7/26/2020	0.203			59.11	14.78	12	3					0.00			1.70		2.70		0.80	
7/27/2020	0.165			72.73	18.18	12	3		7.70			0.00			1.70		2.30		0.70	
7/28/2020	0.197			60.91	15.23	12	3		7.60			0.00			1.70		2.90		0.70	
7/29/2020	0.195			61.54	10.26	12	2		7.60			0.00			1.70		3.10		0.60	
7/30/2020	0.168			71.43	11.90	12	2		7.60			0.10			1.70		2.80		0.60	
7/31/2020	0.203			59.11	14.78	12	3		7.70			0.10			1.90		2.90		0.60	
<b>Total</b>	5.63	0.0	0.000	1526.67	560.73	273	100	360	223.60	320	2.70	1.10	0.11	0.07	67.90	0.00	59.30	0.00	22.30	
<b>Average</b>	0.18	#DIV/0!	#DIV/0!	49.25	18.09	9	3	360	7.71	320	2.70	0.04	0.11	0.07	2.19	#DIV/0!	1.91	#DIV/0!	0.72	
<b>Min</b>	0.12	0.0	0.000	23.08	6.06	5	1	360	7.60	320	2.70	0.00	0.11	0.07	1.70	0.00	0.60	0.00	0.30	
<b>Max</b>	0.26	0.0	0.000	72.73	42.02	12	5	360	7.80	320	2.70	0.20	0.11	0.07	2.80	0.00	3.10	0.00	1.80	

Comments: Chemicals are measured in wet lbs unless otherwise noted

Monthly Report of  
Operation of Water  
Treatment Plant  
Form 100

Operator Signature:  Date: 9/08/20

Certification # WT072357

I certify, under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am also aware that there are significant penalties for submitting false information.

Indiana American Water

IDEM Field Rep: Dale Pershing

Sheridan-Plant  
PWS-ID:5229014

Month: August  
Year: 2020

Date	Filters		Chemicals (LBS/MG)		Chemicals (lbs)		Physical and Chemical Data (mg/L)							Chlorine Residual (mg/L)				Misc		
	Treated Water (MGD)	Filter Run (hours) TOTAL	Wash Water (MGD) Total	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Eff Alk	Eff pH	Eff Hard	Raw Iron	Eff Iron	Raw Mn	Eff Mn	Eff PO4	Eff CL2 Free	Eff CL2 Total	Dist CL2 Free	Dist CL2 Total	Remarks
8/1/2020	0.143			69.93	13.99	10	2		7.60						1.80		2.50		0.50	
8/2/2020	0.165			60.61	12.12	10	2		7.60						1.80		2.90		0.50	
8/3/2020	0.203			59.11	14.78	12	3		7.70						1.70		3.00		0.60	
8/4/2020	0.170			70.59	17.65	12	3		7.70						1.80		3.00		0.50	
8/5/2020	0.187			53.48	16.04	10	3		7.70						1.30		2.70		0.90	
8/6/2020	0.341			55.72	8.80	19	3		7.70						1.60		2.90		1.00	
8/7/2020	0.349			48.71	14.33	17	5		7.70						1.70		2.70		2.60	
8/8/2020	0.086			93.02	11.63	8	1		7.70						1.90		2.50		0.90	
8/9/2020	0.001					0	0		7.70						2.60		1.60		0.70	
8/10/2020	0.149			80.54	20.13	12	3		7.80						1.70		2.40		0.70	
8/11/2020	0.188			53.19	15.96	10	3	360	7.70	330	2.70	0.00	0.08	0.05	1.60		3.00		0.50	
8/12/2020	0.184			54.35	16.30	10	3		7.70						1.70		2.70		0.70	
8/13/2020	0.167			65.87	17.96	11	3		7.60						1.60		2.90		0.60	
8/14/2020	0.210			52.38	14.29	11	3		7.70						1.80		3.00		0.60	
8/15/2020	0.152			59.21	13.16	9	2		7.60						1.80		3.00		0.50	
8/16/2020	0.205			58.54	14.63	12	3		7.70						1.60		2.90		0.50	
8/17/2020	0.170			70.59	17.65	12	3		7.70						1.80		2.70		0.50	
8/18/2020	0.181			66.30	16.57	12	3		7.70						1.60		2.90		0.60	
8/19/2020	0.206			63.11	14.56	13	3		7.70						1.60		2.80		0.50	
8/20/2020	0.207			48.31	14.49	10	3		7.60						1.80		2.70		0.60	
8/21/2020	0.178			56.18	16.85	10	3		7.60						1.70		2.60		0.60	
8/22/2020	0.235			63.83	8.51	15	2		7.70						1.90		2.40		0.60	
8/23/2020	0.151			59.60	13.25	9	2		7.70						1.80		2.30		0.50	
8/24/2020	0.223			58.30	13.45	13	3		7.70						1.60		2.50		0.60	
8/25/2020	0.216			55.56	13.89	12	3		7.70						1.70		2.50		0.50	
8/26/2020	0.199			75.38	15.08	15	3		7.70						1.70		2.30		0.70	
8/27/2020	0.233			81.55	21.46	19	5		7.70						1.50		2.30		0.80	
8/28/2020	0.336			50.60	14.88	17	5		7.70						1.60		2.20		0.70	
8/29/2020	0.265			45.28	11.32	12	3		7.60						1.60		1.90		0.60	
8/30/2020	0.209			57.42	14.35	12	3		7.60						1.80		2.10		0.60	
8/31/2020	0.206			58.25	14.56	12	3		7.70						1.70		2.10		0.50	
<b>Total</b>	6.12	0.0	0.000	1845.47	442.65	366	89	360	238.00	330	2.70	1.00	0.08	0.05	53.40	0.00	80.00	0.00	21.20	
<b>Average</b>	0.20	#DIV/0!	#DIV/0!	61.52	14.75	12	3	360	7.68	330	2.70	0.03	0.08	0.05	1.72	#DIV/0!	2.58	#DIV/0!	0.68	
<b>Min</b>	0.00	0.0	0.000	45.28	8.51	0	0	360	7.60	330	2.70	0.00	0.08	0.05	1.30	0.00	1.60	0.00	0.50	
<b>Max</b>	0.35	0.0	0.000	93.02	21.46	19	5	360	7.80	330	2.70	0.10	0.08	0.05	2.60	0.00	3.00	0.00	2.60	

Comments: Chemicals are measured in wet lbs unless otherwise noted

Monthly Report of  
Operation of Water  
Treatment Plant  
Form 100

Operator Signature:  Date: 10/7/2020

Certification # WT072357

I certify, under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am also aware that there are significant penalties for submitting false information.

Indiana American Water

IDEM Field Rep: Dale Pershing


Sheridan-Plant  
PWS-ID:5229014

Month: September  
Year: 2020

Date	Filters		Chemicals (LBS/MG)		Chemicals (lbs)		Physical and Chemical Data (mg/L)							Chlorine Residual (mg/L)				Misc		
	Treated Water (MGD)	Filter Run (hours)_ TOTAL	Wash Water (MGD) Total	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Total CL2 (chlorine)	Phosphate-Blend (PO4)	Eff Alk	Eff pH	Eff Hard	Raw Iron	Eff Iron	Raw Mn	Eff Mn	Eff PO4	Eff CL2 Free	Eff CL2 Total	Dist CL2 Free	Dist CL2 Total	Remarks
9/1/2020	0.171			70.18	11.70	12	2		7.60		0.00				1.70	2.00			0.90	
9/2/2020	0.268			48.51	11.19	13	3		7.70		0.00				1.60	1.80			1.00	
9/3/2020	0.208			67.31	14.42	14	3		7.60		0.10				1.40	2.30			0.90	
9/4/2020	0.221			63.35	13.57	14	3		7.60		0.00				1.80	2.20			1.10	
9/5/2020	0.197			60.91	10.15	12	2		7.60		0.00				1.60	2.40			0.50	
9/6/2020	0.188			69.15	15.96	13	3		7.70		0.00				2.00	2.00			0.50	
9/7/2020	0.198			65.66	15.15	13	3		7.60		0.00				2.80	2.10			1.30	
9/8/2020	0.197			60.91	15.23	12	3		7.60		0.00				1.70	2.40			1.00	
9/9/2020	0.209			66.99	14.35	14	3		7.60		0.10				1.80	2.10			1.40	
9/10/2020	0.212			33.02	9.43	7	2		7.60		0.00				1.70	2.10			1.50	
9/11/2020	0.110			63.64	18.18	7	2		7.60		0.00				1.80	1.60			1.30	
9/12/2020	0.122			73.77	16.39	9	2		7.60		0.00				1.10	1.80			1.10	
9/13/2020	0.176			62.50	17.05	11	3		7.60		0.00				1.90	1.50			1.20	
9/14/2020	0.231			56.28	8.66	13	2		7.60		0.00				1.80	1.50			0.60	
9/15/2020	0.195			61.54	15.38	12	3		7.60		0.00				1.90	1.60			1.20	
9/16/2020	0.233			60.09	17.17	14	4		7.60		0.10				1.50	1.20			1.20	
9/17/2020	0.202			59.41	14.85	12	3		7.60		0.00				1.70	1.80			1.40	
9/18/2020	0.200			70.00	15.00	14	3		7.60		0.00				1.70	2.00			1.60	
9/19/2020	0.156			84.34	12.05	14	2		7.60		0.10				1.20	2.50			1.70	
9/20/2020	0.191			78.53	10.47	15	2		7.60		0.20				1.00	3.00			1.80	
9/21/2020	0.209			76.56	9.57	16	2	340	7.60	325	2.90	0.00	0.06		1.30	3.00			0.70	
9/22/2020	0.181			82.87	11.05	15	2		7.60		0.10				1.10	3.00			0.50	
9/23/2020	0.331			78.55	6.04	26	2		7.60		0.10				1.20	3.10			1.10	
9/24/2020	0.268			78.36	7.46	21	2		7.60		0.10				1.00	3.40			1.10	
9/25/2020	0.127			86.61	7.87	11	1		7.60		0.00				1.20	3.40			0.70	
9/26/2020	0.025			80.00		2	0				0.00				0.80	3.20			1.10	
9/27/2020	0.163			85.89	12.27	14	2				0.00				1.20	3.40			1.00	
9/28/2020	0.219			73.06	9.13	16	2		7.70		0.00				1.10	3.40			0.70	
9/29/2020	0.174			91.95	11.49	16	2		7.70		0.00				1.10	3.60			1.10	
9/30/2020	0.173			80.92	11.56	14	2		7.60		0.00				2.80	3.20			1.00	
<b>Total</b>	5.77	0.0	0.000	2090.84	362.82	396	70	340	213.20	325	2.90	0.90	0.00	0.06	46.50	0.00	72.60	0.00	32.20	
<b>Average</b>	0.19	#DIV/0!	#DIV/0!	69.69	12.51	13	2	340	7.61	325	2.90	0.03	#DIV/0!	0.06	1.55	#DIV/0!	2.42	#DIV/0!	1.07	
<b>Min</b>	0.03	0.0	0.000	33.02	6.04	2	0	340	7.60	325	2.90	0.00	0.00	0.06	0.80	0.00	1.20	0.00	0.50	
<b>Max</b>	0.33	0.0	0.000	91.95	18.18	26	4	340	7.70	325	2.90	0.20	0.00	0.06	2.80	0.00	3.60	0.00	1.80	

Comments: Chemicals are measured in wet lbs unless otherwise noted



Operator Signature:  Date: 11/05/2020

Monthly Report of  
Operation of Water  
Treatment Plant  
Form 100

Certification # WT072357

I certify, under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am also aware that there are significant penalties for submitting false information.

Indiana American Water

IDEM Field Rep: Dale Pershing

Sheridan-Plant  
PWS-ID:5229014

Month: October  
Year: 2020

Date	Filters		Chemicals (LBS/MG)		Chemicals (lbs)		Physical and Chemical Data (mg/L)							Chlorine Residual (mg/L)				Misc		
	Treated Water (MGD)	Filter Run (hours) TOTAL	Wash Water (MGD) Total	Total Cl2 (chlorine)	Phosphate-Blend (PO4)	Total Cl2 (chlorine)	Phosphate-Blend (PO4)	Eff Alk	Eff pH	Eff Hard	Raw Iron	Eff Iron	Raw Mn	Eff Mn	Eff PO4	Eff Cl2 Free	Eff Cl2 Total	Dist Cl2 Free	Dist Cl2 Total	Remarks
10/1/2020	0.178			78.65	39.33	14	7		7.60						2.80	3.10			1.00	
10/2/2020	0.285			80.70	35.09	23	10		7.70						2.80	3.40			1.10	
10/3/2020	0.330			78.79	36.36	26	12		7.60						1.00	3.40			1.50	
10/4/2020	0.183			87.43	54.64	16	10		7.60						2.80	3.00			0.50	
10/5/2020	0.225			80.00	22.22	18	5		7.70						0.90	3.90			0.60	
10/6/2020	0.204			83.33	34.31	17	7		7.70						0.80	3.40			1.30	
10/7/2020	0.207			72.46	43.48	15	9		7.70						0.90	3.30			1.10	
10/8/2020	0.196			71.43	35.71	14	7		7.60						0.80	3.90			1.20	
10/9/2020	0.197			76.14	35.53	15	7	360	7.60	320	2.90	0.00	0.09	0.08	0.90	3.90			1.00	
10/10/2020	0.195			82.05	46.15	16	9		7.70						0.80	3.90			0.70	
10/11/2020	0.207			82.13	43.48	17	9		7.70						0.80	3.90			0.50	
10/12/2020	0.251			79.68	35.86	20	9		7.60						0.80	3.90			1.70	
10/13/2020	0.154			77.92	12.99	12	2		7.70						0.90	3.80			0.80	
10/14/2020	0.245			81.63	8.16	20	2		7.70						0.80	3.90			1.30	
10/15/2020	0.382			75.92	5.24	29	2		7.60						0.80	3.80			1.50	
10/16/2020	0.308			74.68	9.74	23	3		7.60						2.80	3.10			1.50	
10/17/2020	0.196			81.63	10.20	16	2		7.70						1.10	3.40			0.70	
10/18/2020	0.189			79.37	10.58	15	2		7.70						2.80	3.20			0.50	
10/19/2020	0.162			80.25		13	0		7.70						1.10	3.80			1.60	
10/20/2020	0.372			80.65	10.75	30	4		7.70						0.90	3.90			2.20	
10/21/2020	0.341			79.18	8.80	27	3		7.70						0.90	3.60			2.30	
10/22/2020	0.277			90.25	10.83	25	3		7.70						1.00	3.90			2.50	
10/23/2020	0.298			80.54	10.07	24	3		7.70						0.90	3.90			2.70	
10/24/2020	0.180			83.33	11.11	15	2		7.70						0.90	3.90			1.60	
10/25/2020	0.189			79.37	10.58	15	2		7.70						0.80	3.90			1.40	
10/26/2020	0.153			84.97	13.07	13	2		7.60						0.90	3.40			2.70	
10/27/2020	0.194			82.47	10.31	16	2		7.70						0.90	3.90			2.60	
10/28/2020	0.183			76.50	10.93	14	2		7.70						0.80	3.60			2.00	
10/29/2020	0.247			72.87	12.15	18	3		7.70						1.00	3.00			2.30	
10/30/2020	0.179			67.04	11.17	12	2		7.70						1.00	3.20			1.70	
10/31/2020	0.167			77.84	11.96	13	2		7.80						0.90	3.20			2.00	
<b>Total</b>	7.07	0.0	0.000	2459.70	650.83	561	144	360	237.90	320	2.90	1.90	0.09	0.08	37.30	0.00	111.40	0.00	46.10	
<b>Average</b>	0.23	#DIV/0!	#DIV/0!	79.33	21.69	18	5	360	7.67	320	2.90	0.06	0.09	0.08	1.20	#DIV/0!	3.59	#DIV/0!	1.49	
<b>Min</b>	0.15	0.0	0.000	67.04	5.24	12	0	360	7.60	320	2.90	0.00	0.09	0.08	0.80	0.00	3.00	0.00	0.50	
<b>Max</b>	0.38	0.0	0.000	90.25	54.64	30	12	360	7.80	320	2.90	0.30	0.09	0.08	2.80	0.00	3.90	0.00	2.70	

Comments: Chemicals are measured in wet lbs unless otherwise noted