

# CITY OF BLAINE

## LEVER STREET

S.A.P. 106-120-02

IMPROVEMENT PROJECT 85-07

CONSTRUCTION PLANS FOR CONCRETE CURB AND GUTTER,  
AGGREGATE BASE, BITUMINOUS BASE AND WEAR COURSES  
WITH

SUNSET AVENUE TO OPAL STREET,  
105TH AVENUE TO 108TH AVENUE

IMPROVEMENT PROJECT 85-08

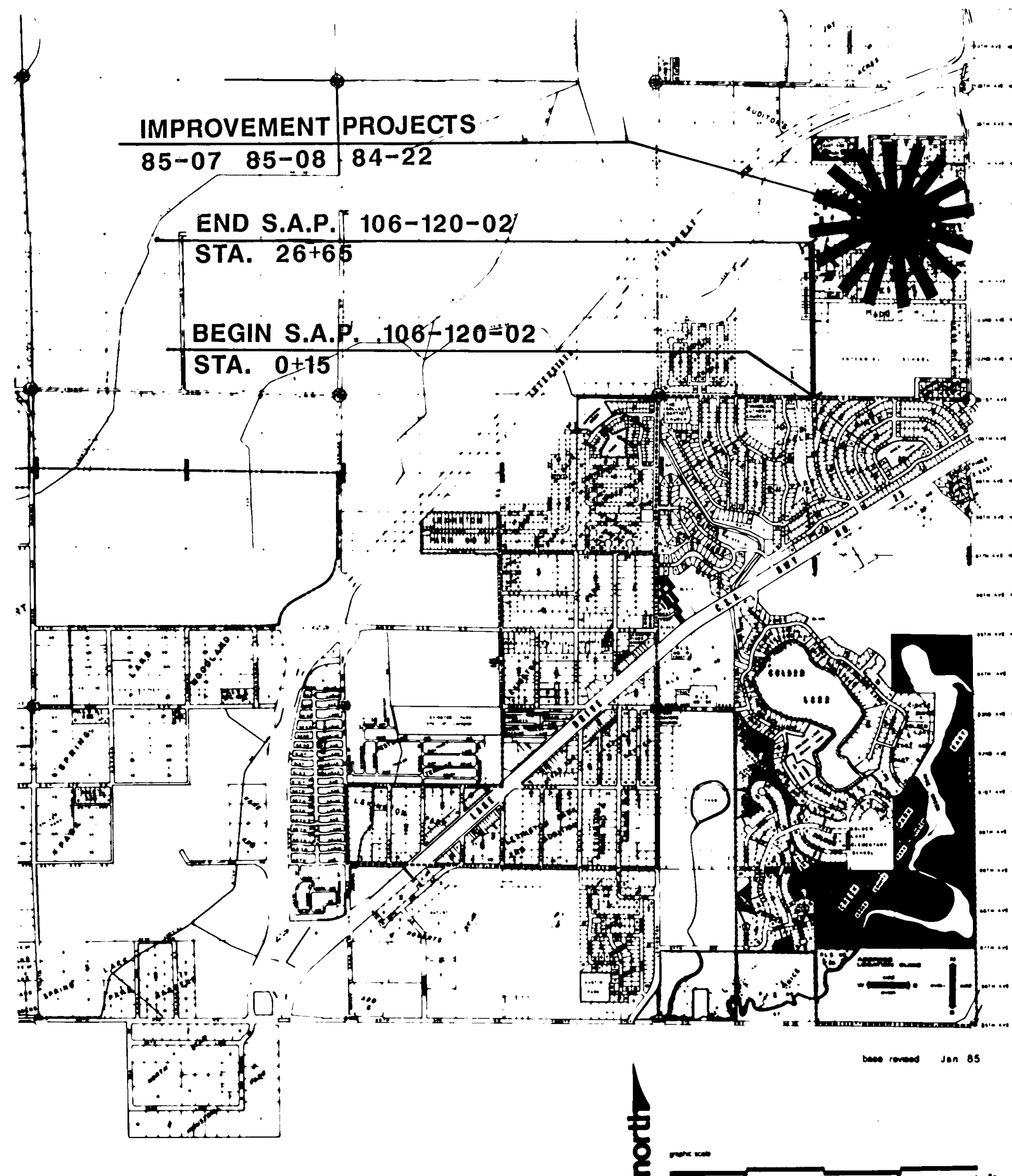
F.G.S. ADDITION NO. 1

IMPROVEMENT PROJECT 84-22

BETWEEN NORTH ROAD (101ST AVE. N.E.)

AND BALL ROAD

GROSS LENGTH	2650	FEET	0.502	MILES
EXCEPTIONS	0	FEET	0.000	MILES
NET LENGTH	2650	FEET	0.502	MILES



1864

### SPECIFICATIONS

THE 1983 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION  
STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION SHALL GOVERN.

### CONVENTIONAL SYMBOLS

EXISTING	ITEM	PROPOSED
	SANITARY SEWER	
	FORCEMAIN	
	WATERMAIN	
	STORM SEWER	
	CULVERT	
	DITCH OR SWALE	
	SIGNAL AND CONDUIT	
	LIGHT STANDARD	
	SIGN	
	FENCE	
	GUARDRAIL	
	RIGHT OF WAY	
	PROPERTY LINE	
	CONTOURS	
	PUBLIC UTILITIES	
	TELEPHONE	
	POWER	
	GAS	

### INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
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3	TYPICAL SECTIONS & QUANTITY
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15-26	STREET & DRAINAGE PLAN & PROFILE
27-29	LEVER ST. PLAN & PROFILE (SAP 106-120-02)
30-44	STREET CROSS SECTIONS
45-48	LEVER ST. CROSS SECTIONS (SAP 106-120-02)

AS-BUILT NOTE: *B.V. JANG*  
ELEVATION AND TOPO HAS NOT BEEN  
RESHOT AFTER CONSTRUCTION AND  
ACCORDINGLY MAY BE ONLY APPROXIMATE

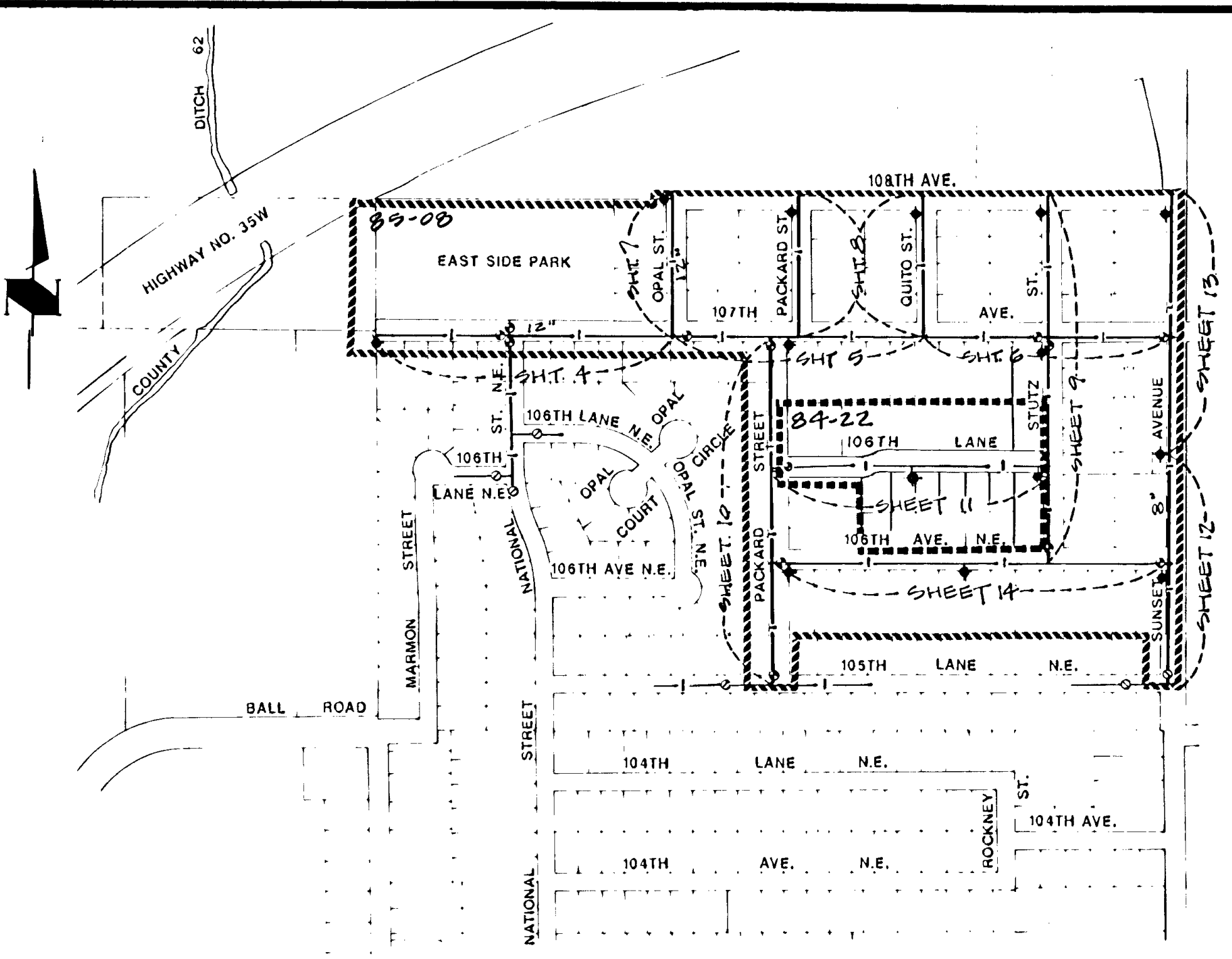
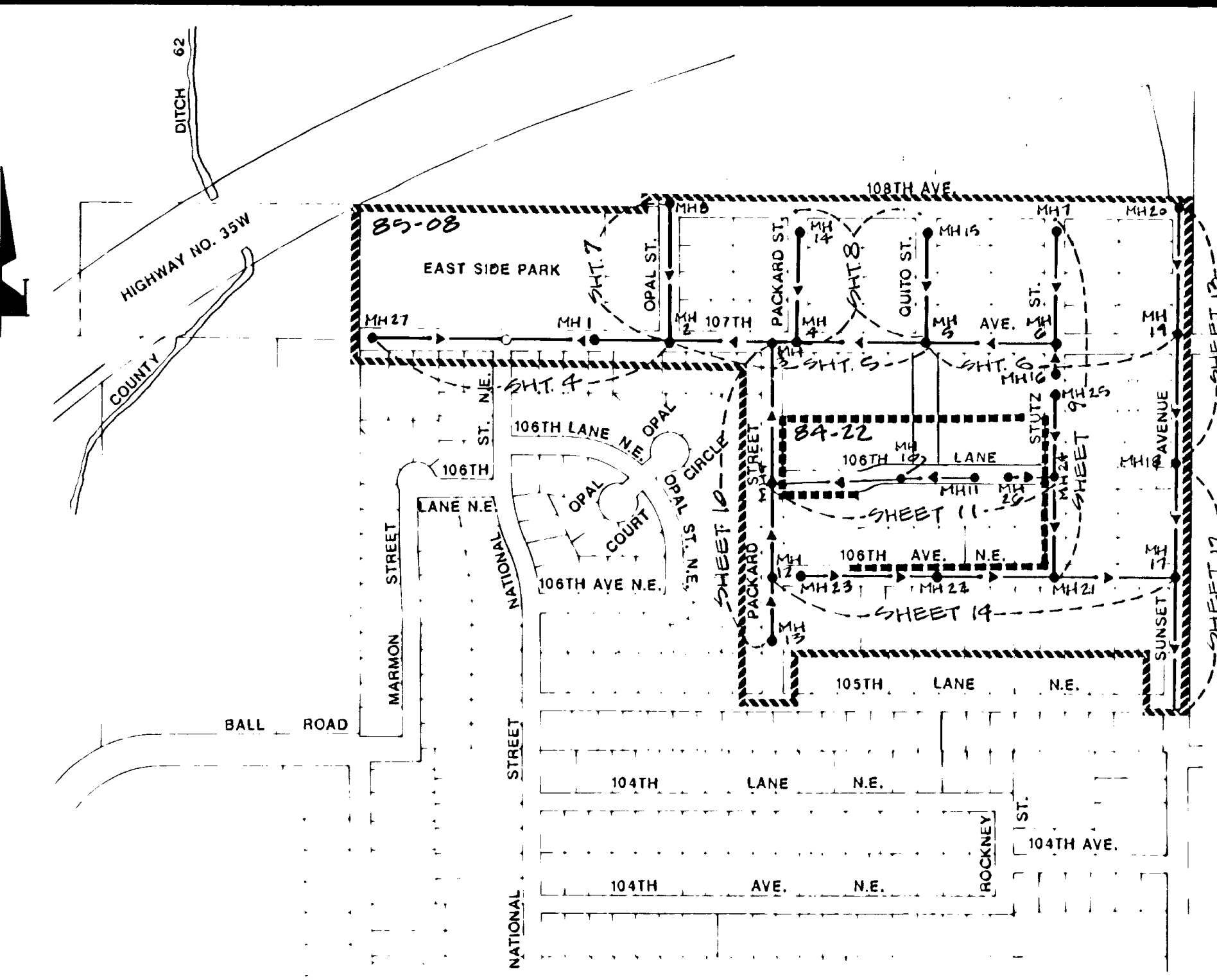
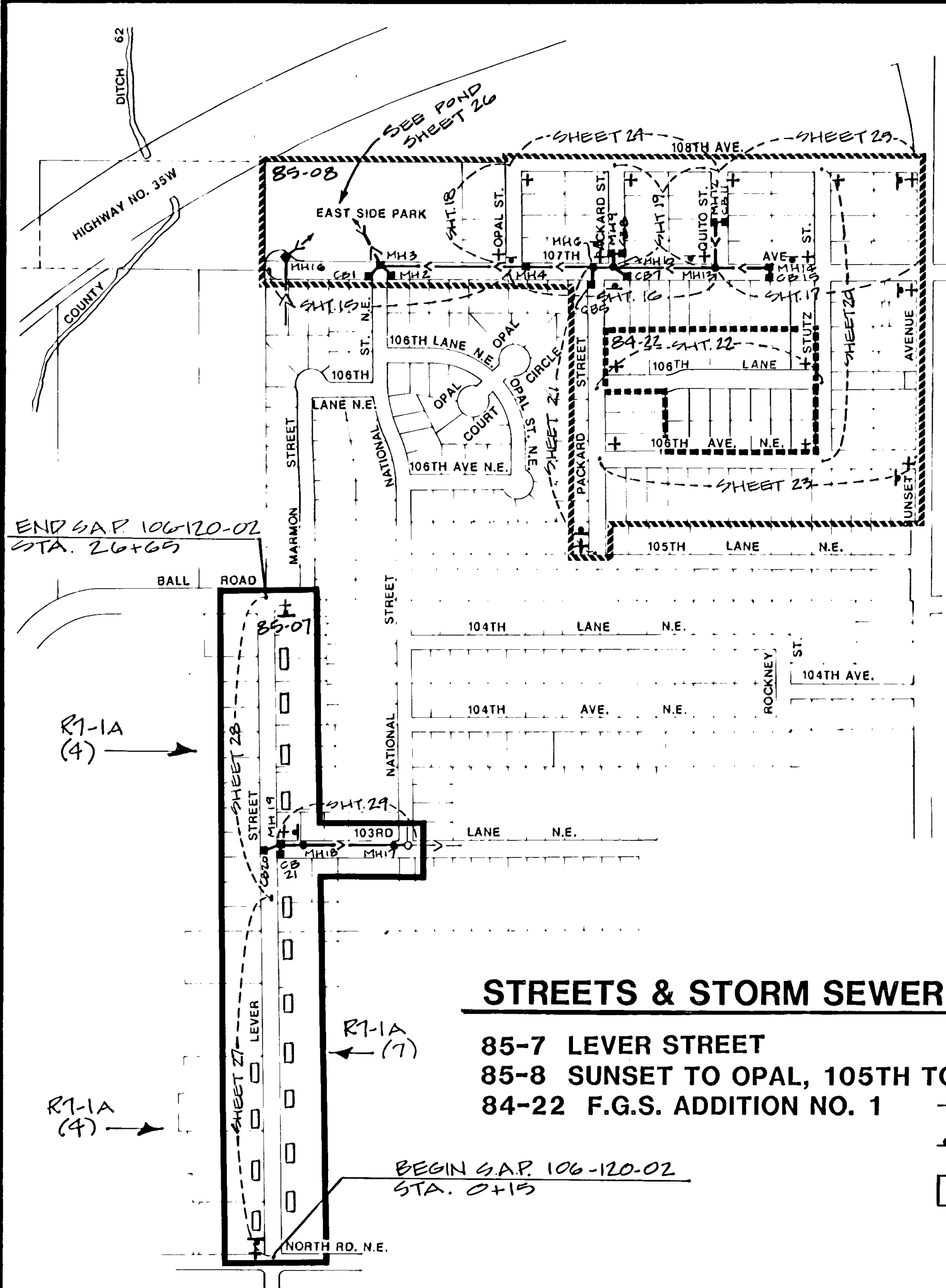
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ANTICIPATED ADT: 700	ANTICIPATED HCADT: <150	Recommended for Approval: CITY ENGINEER	Date: _____
PAVEMENT DESIGN: 9 TON	DESIGN SPEED: 30 MPH	Recommended for Approval: DISTRICT STATE AID ENGINEER	Date: _____
SOIL FACTOR: 50%		Recommended for Approval: STATE AID PLANS ENGINEER	Date: _____
		Approved: STATE AID ENGINEER	Date: _____
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16.		ORIGINAL DATE: _____	
		REVISIONS: _____	
DESIGN BY: _____		SURVEY BK. NO. _____	
DRAWN BY: _____			

Date \_\_\_\_\_ Minn. Reg. No. \_\_\_\_\_

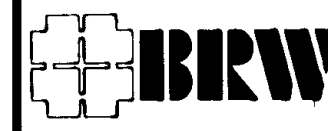
S.A.P. NO. 106-120-02

SHEET 1 OF 48

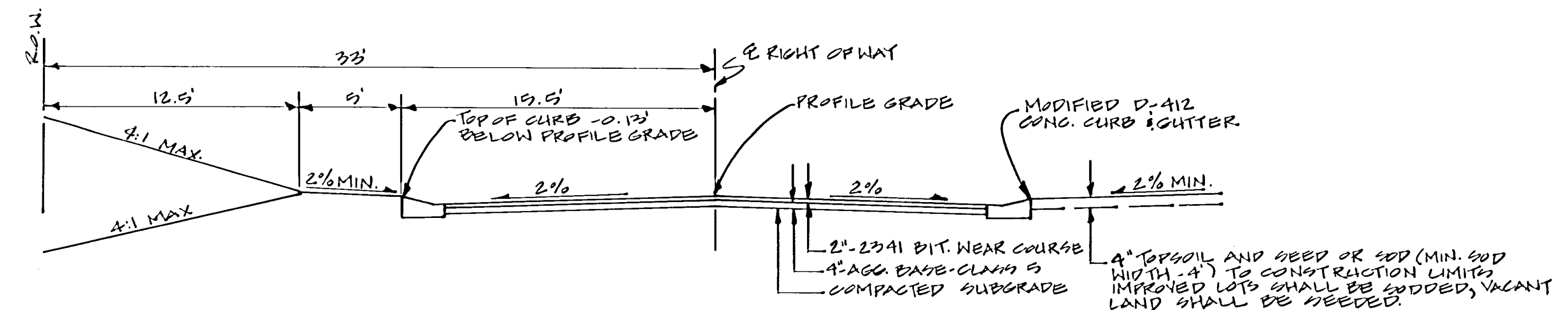
DESIGN FILE No. 11-8602



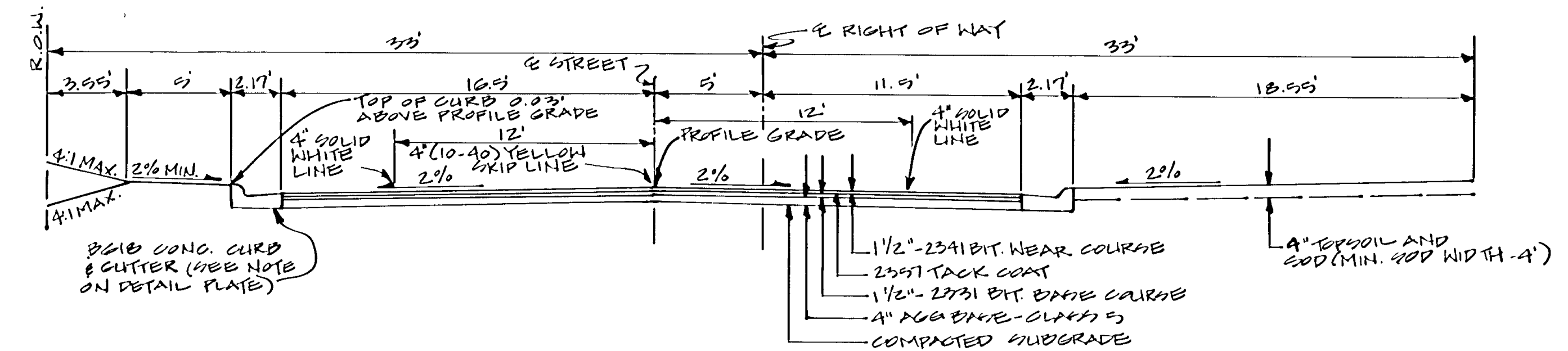
**AS-BUILT NOTE: BY JAN 87**  
 ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16.	 <small>Bevitt, Ringstad, Wolford, Jarvis, Gardner 612-378-9700 Minneapolis, Minnesota</small>	ORIGINAL DATE: _____	CITY OF BLAINE IMPROVEMENT PROJECTS 84-22, 85-07, 85-08 SHEET INDEX AND NOTES
		REVISIONS: _____	
DESIGN BY: _____	DRAWN BY: _____	SURVEY BK. NO. _____	
Date _____ Minn. Reg. No. _____	S.A.P. NO. 106-120-02	SHEET 2 OF 48	DESIGN FILE No. 11-8602

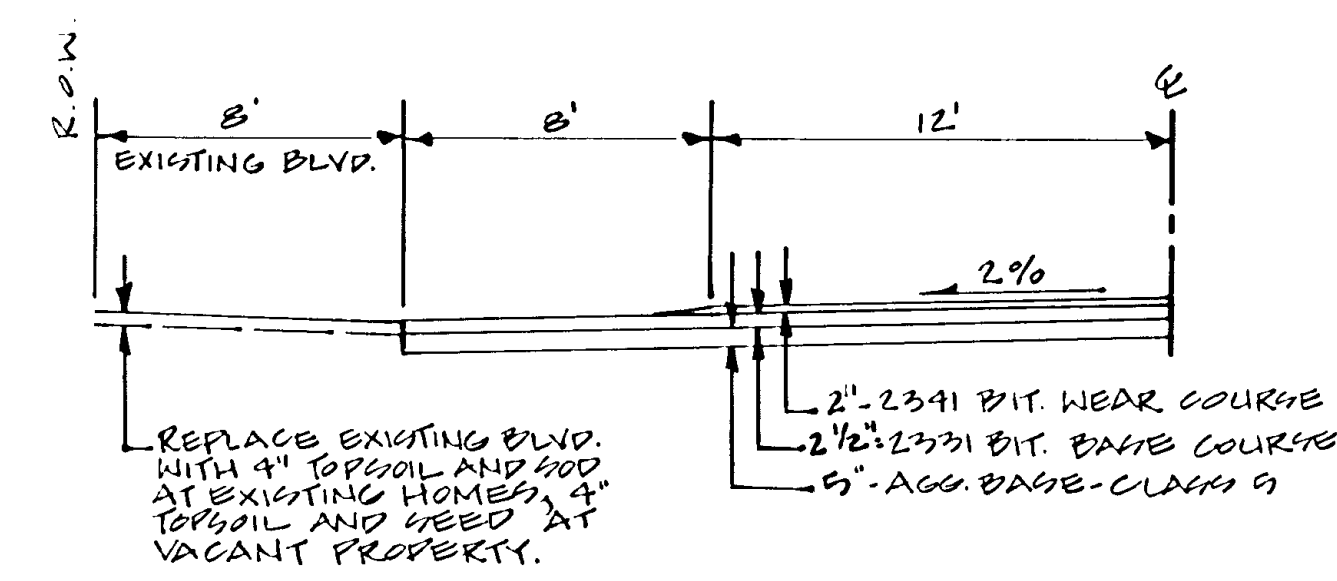
STATEMENT OF ESTIMATED QUANTITIES S.A.P 106-120-02									
ITEM NO.	ITEM	UNIT	QUANTITIES		QUANTITIES		TOTAL QUANTITIES		
			EST.	FINAL	EST.	FINAL	EST.	FINAL	
2101.502	CLEAR & GRUB TREE > 4" DIAMETER	EA	3				3		
2104.503	REMOVE BITUMINOUS PAVING	SY	10,400				10,400		
2104.503	REMOVE CONCRETE WALK & DRIVEWAY	SF	1240				1240		
2104.509	REMOVE TRAFFIC & STREET SIGNS	LS	LS				LS		
SPEC	REMOVE MISC. LANDSCAPE ITEMS	LS	LS				LS		
SPEC	REMOVE & RELOCATE MAILBOXES	LS	LS				LS		
SPEC	RELOCATE FIRE HYDRANT & VALVE	EA	2				2		
SPEC	TRAFFIC CONTROLS	LS	LS				LS		
2105.501	COMMON EXCAVATION	CY	4800				4800		
2211.501	CLASS 5 GRAVEL BASE	TON	2500				2500		
2331.514	2331 BITUMINOUS BASE MIXTURE	TON	915				915		
2341.508	2341 BITUMINOUS WEAR MIXTURE	TON	915				915		
2341.504	BITUMINOUS MATERIAL FOR MIXTURE	TON	110				110		
SPEC	BITUMINOUS DRIVEWAY (BIT. & AGG.)	SY	900				900		
2357.502	BITUMINOUS TACK COAT	GAL	530				530		
2503.511	12" R.C. PIPE SEWER CLASS 3	LF	86				86		
2503.511	15" R.C. PIPE SEWER CLASS 3	LF	537				537		
2506.507	CATCHBASIN	EA	2				2		
2506.507	MANHOLE	EA	3				3		
2506.522	ADJUST FRAME & RING CASTING	EA	9				9		
2521.501	4" CONCRETE SIDEWALK	SF	540				540		
2531.501	CONCRETE CURB & GUTTER DESIGN B618	LF	5400				5400		
2531.507	6" CONCRETE DRIVEWAY PAVING	SF	700				700		
SPEC	CONCRETE VALLEY GUTTER	SF	330				330		
SPEC	TRIANGULAR VALLEY GUTTER SECTIONS	EA	4				4		
SPEC	STRIPPING	LS	LS				LS		
SPEC	SIGNING	LS	LS				LS		
2575.505	SODDING WITH 4" TOPSOIL	SY	7200				7200		
SPEC	PRUNE TREE	EA	2				2		



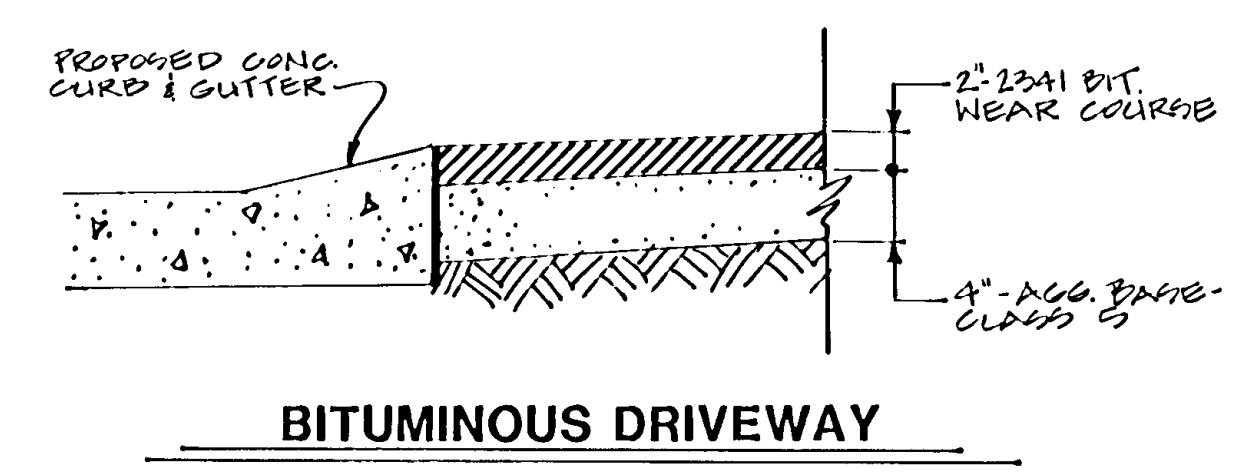
TYPICAL SECTIONS - CITY PROJECTS 84-22 & 85-8



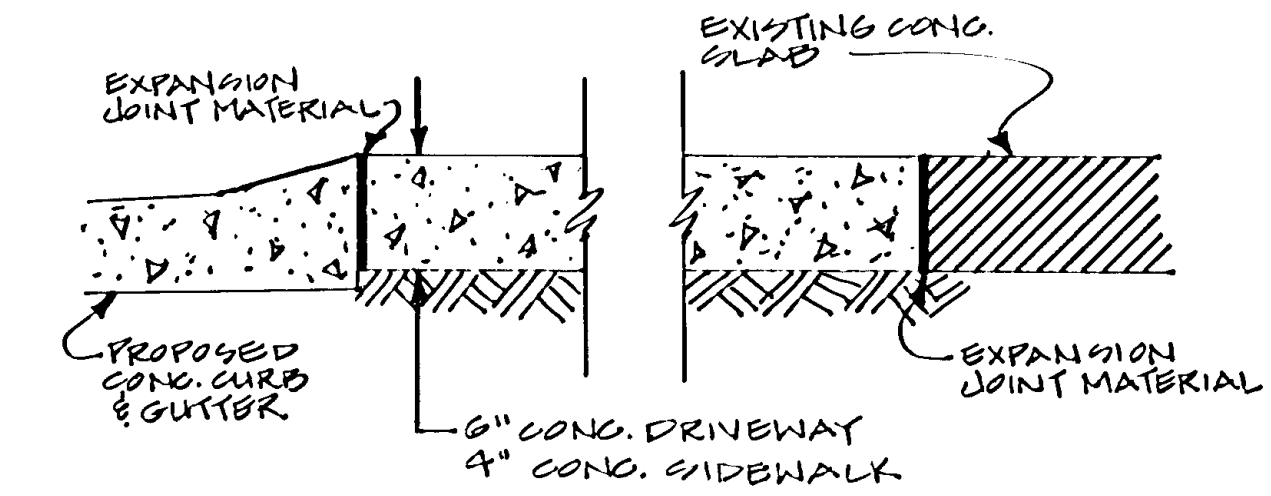
TYPICAL SECTIONS - CITY PROJECT 85-7  
S.A.P. 106-120-02



SUNSET AVENUE



BITUMINOUS DRIVEWAY



CONCRETE DRIVEWAY & SIDEWALK

**BASIS OF QUANTITIES**

CLASS 5 GRAVEL BASE - 110LBS. / S.Y. / INCH THICKNESS  
 2331 BITUMINOUS BASE MIXTURE - 112.5LBS. / S.Y. / INCH THICKNESS  
 2341 BITUMINOUS BASE MIXTURE - 112.5LBS. / S.Y. / INCH THICKNESS  
 BITUMINOUS MATERIAL FOR MIXTURE - 6.5 % BY WEIGHT FOR 2341 WEAR  
 - 5.5 % BY WEIGHT FOR 2331 BASE  
 BITUMINOUS MATERIAL FOR TACK COAT - .05 GAL. / S.Y.

**DETAIL PLATES**

SEE PROJECT SPECIFICATION MANUAL

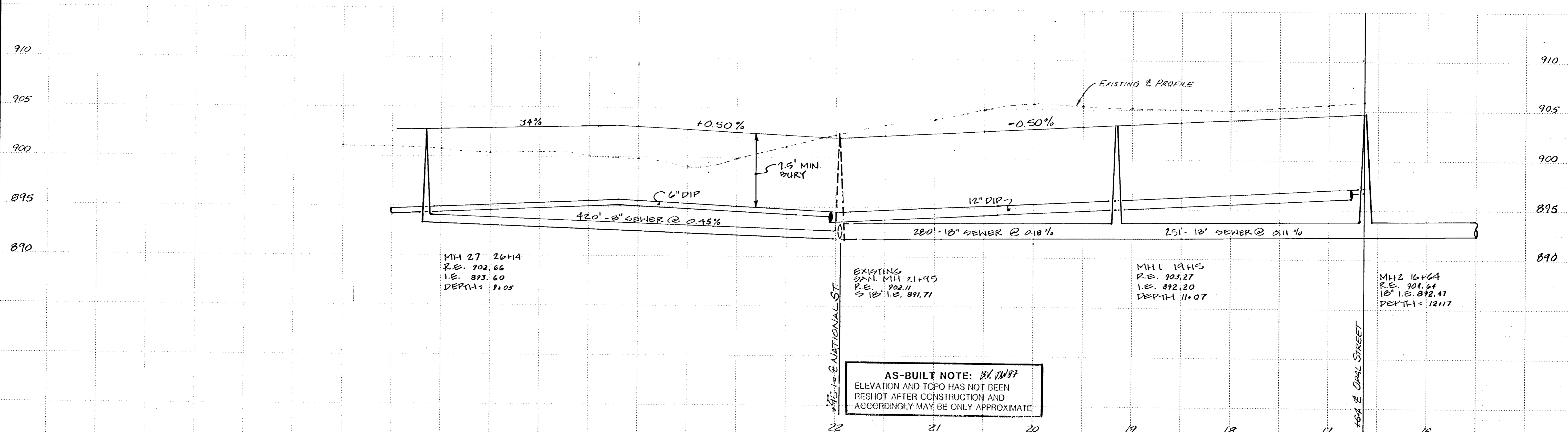
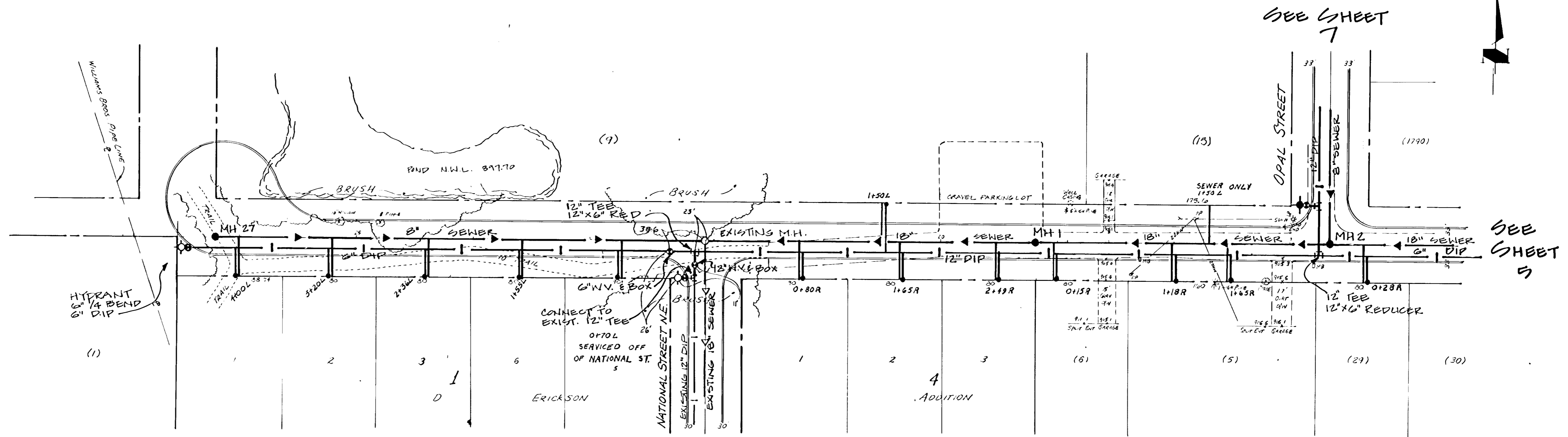
**NOTE :**

QUANTITIES FOR THE NON-STATE AID PORTION OF THE PROJECT ARE LOCATED IN THE PROJECT SPECIFICATION AND PROPOSAL MANUAL

**AS-BUILT NOTE:** 13.V. JAN 87  
 ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16.		ORIGINAL DATE: _____ REVISIONS: _____	CITY OF BLAINE IMPROVEMENT PROJECTS 84-22, 85-07, 85-08 QUANTITIES & TYPICAL SECTIONS
		DESIGN BY: _____ DRAWN BY: CEM	
Date: _____ Minn. Reg. No. _____	S.A.P. NO. 106-120-02	SHEET 3 OF 48	DESIGN FILE No. 11-8602

# 107TH AVENUE N.E.



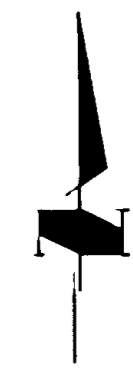
<small>I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer, State of Minnesota, License No. 11126</small> <i>John C. Smith</i> Date: 4/12/80 Minn. Reg. No. 14960	BRW BENNETT, RINGROSE WOLSFELD, JARVIS, GARDNER, INC. THRESHER SQUARE 700 THIRD ST. S. MINNEAPOLIS, MN 55415	PLANNING TRANSPORTATION ENGINEERING ARCHITECTURE	DESIGNED BY JC	CITY OF BLAINE IMPROVEMENT PROJECT 85-8 107TH AVENUE N.E. SANITARY SEWER & WATERMAIN
		REVISIONS GRAPHIC SCALE 0 HORIZ 1" = 20' 0 VERT 1" = 5'	CHECKED BY JC	

# 107TH AVENUE N.E.

SEE SHEET 7

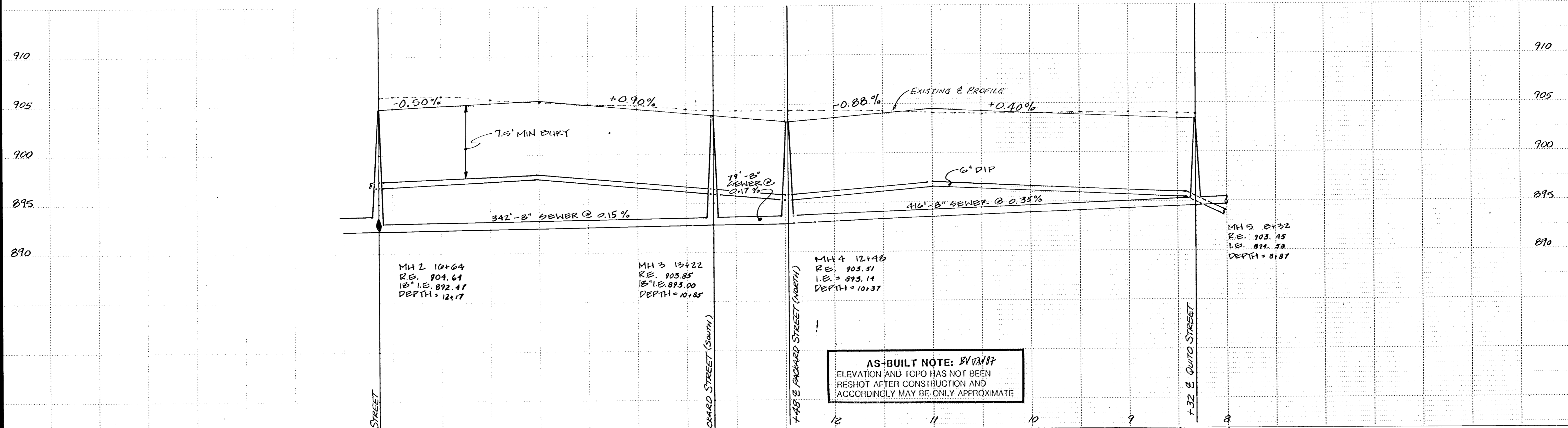
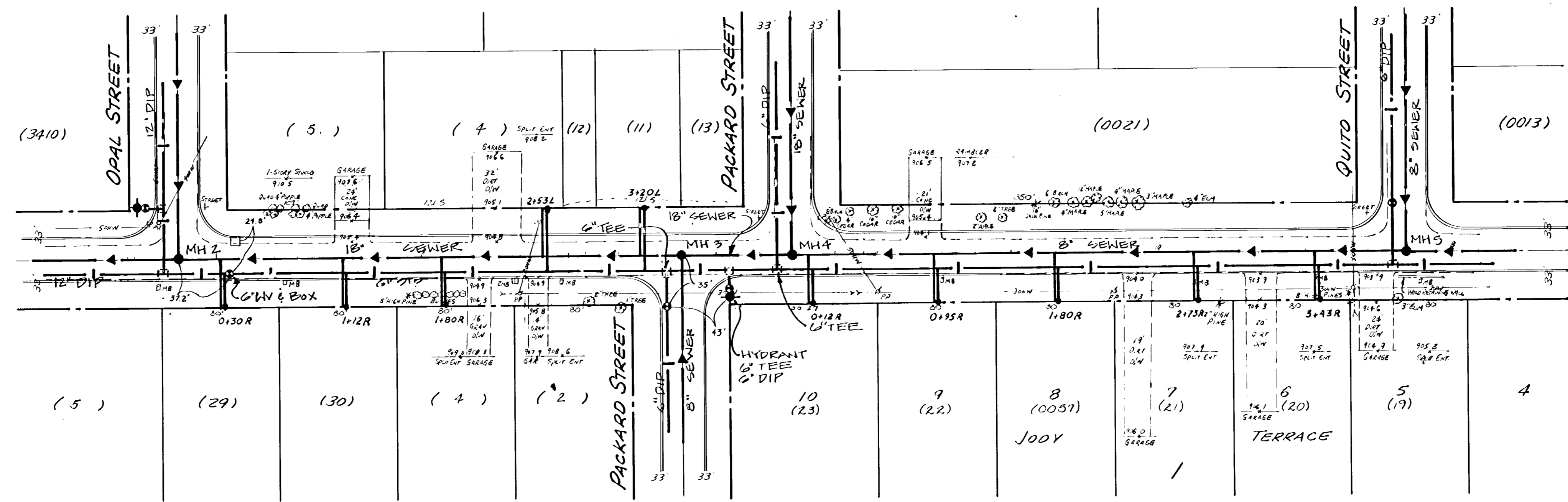
SEE SHEET 8

SEE SHEET 8



SEE SHEET 4

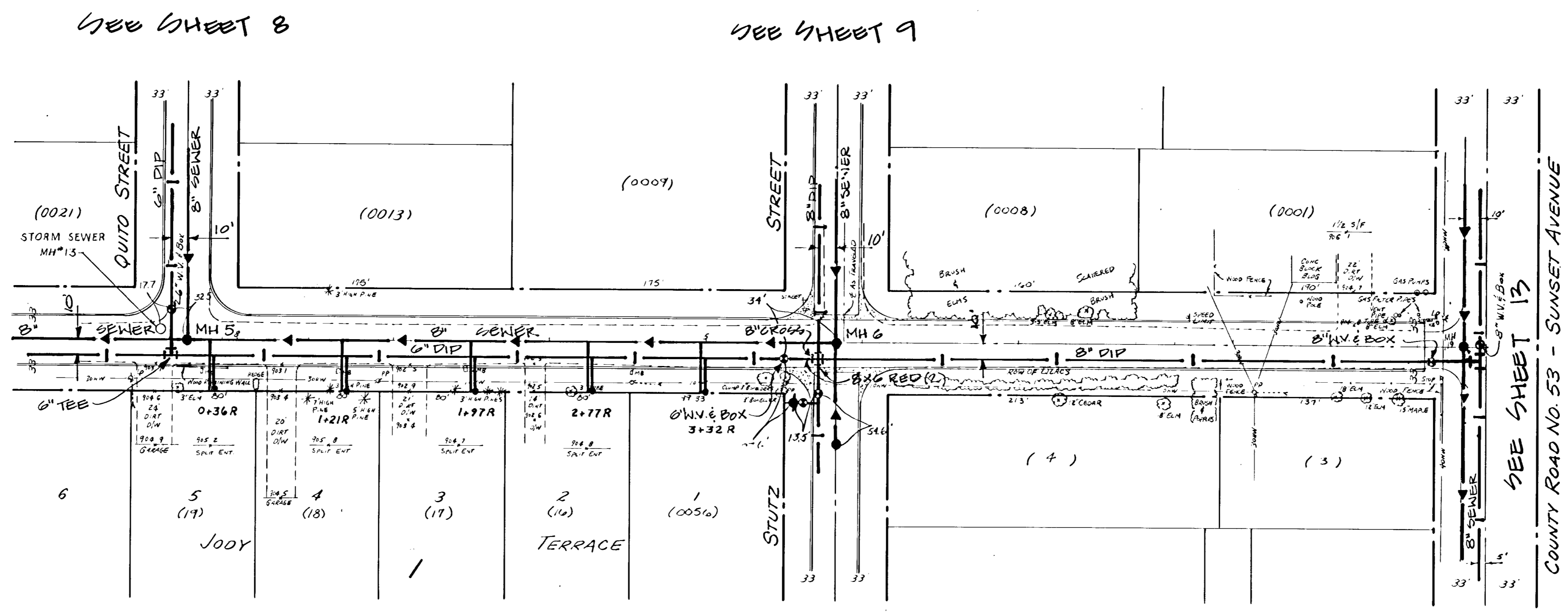
SEE SHEET 6



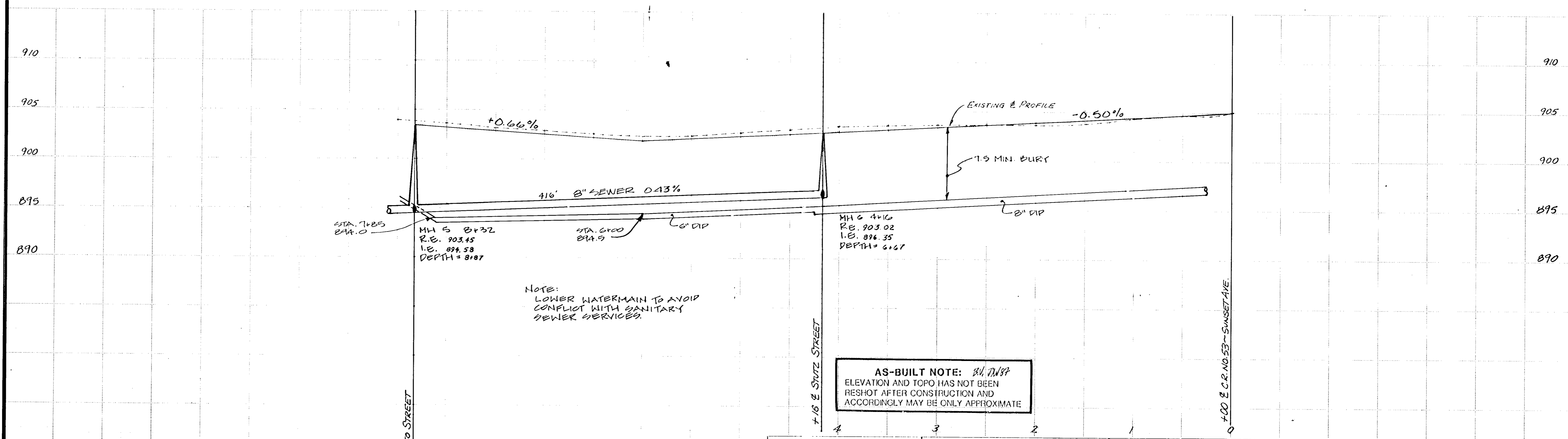
**AS-BUILT NOTE: BY JMS**  
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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer in the State of Minnesota. <b>John C. Train</b> Date: 4/21/86, Minn. Reg. No. 14960		REVISIONS 1 2	DESIGNED BY JCB	CITY OF BLAINE IMPROVEMENT PROJECT 85-8 107TH AVENUE N.E. SANITARY SEWER & WATERMAIN BR LOOSE LEAF DATE APRIL 86 SHEET _____ OF _____ SHEETS FILE NO 11-8602
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		DRAWN BY JCB		

107TH AVENUE N.E.



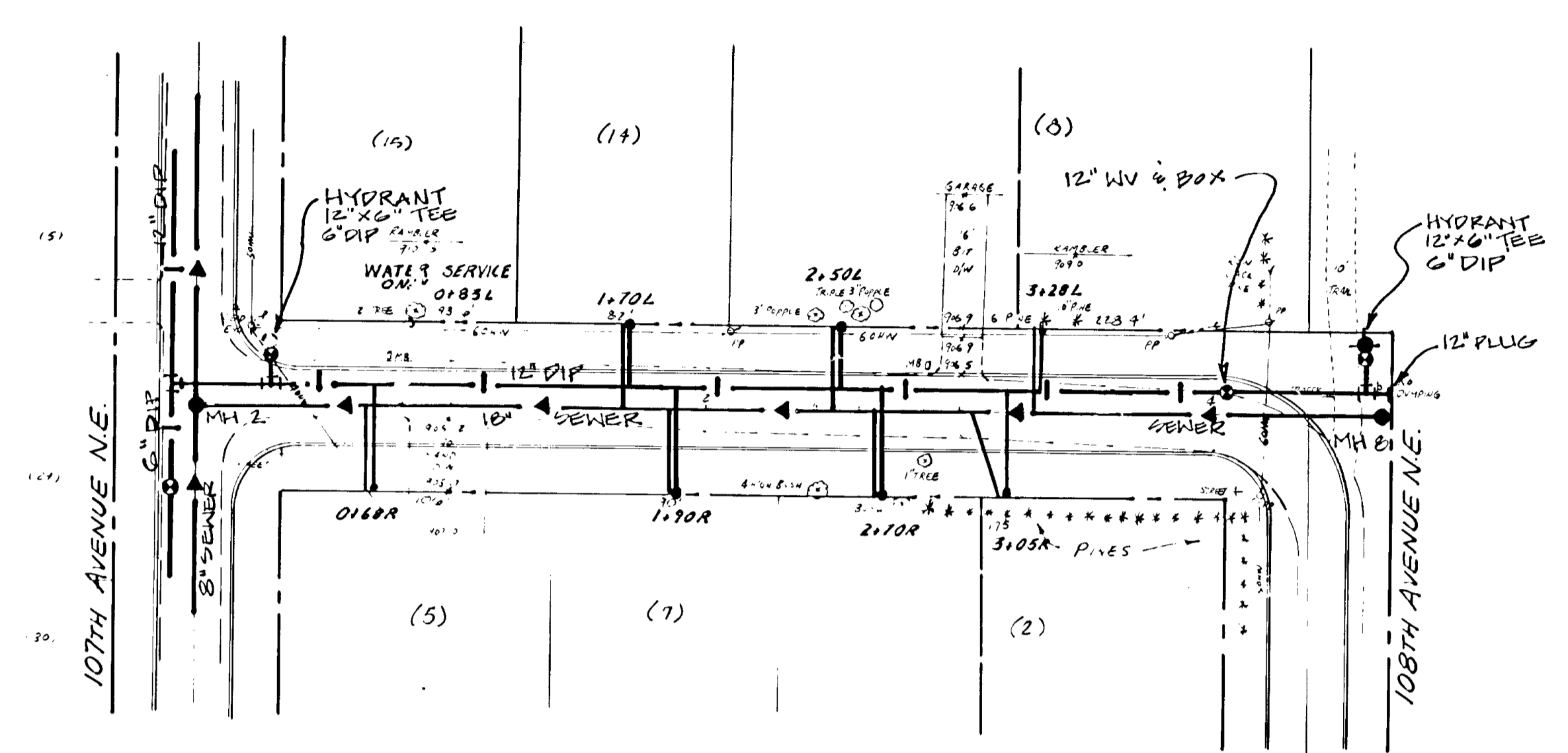
SEE SHEET 9



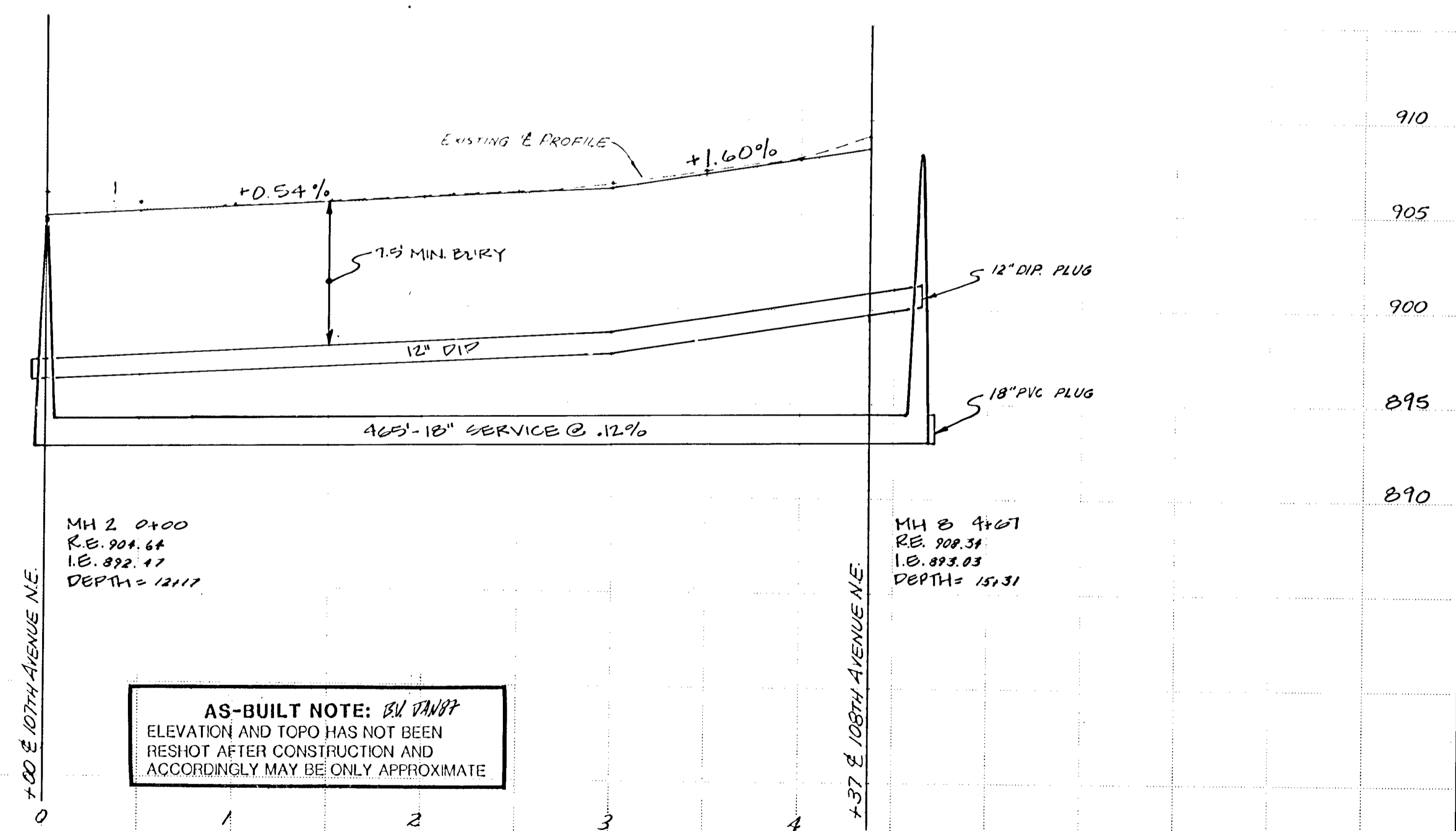
<p>BRW</p> <p>BENNETT, RINGROSE, WOLSFELD, JARVIS, GARDNER AND THRESHER SQUARE 700 THIRD ST. S. MINNEAPOLIS, MN 55415</p> <p>PLANNING TRANSPORTATION ENGINEERING ARCHITECTURE</p> <p>DATE 12/21/86</p>	<p>DESIGNED BY</p> <p>JKB</p>	<p>CITY OF BLAINE</p> <p>IMPROVEMENT PROJECT 85-8</p> <p>107TH AVENUE N.E.</p> <p>SANITARY SEWER &amp; WATERMAIN</p> <p>DATE APRIL 86</p>
	<p>CHECKED BY</p> <p>JKB</p>	
	<p>DRAWN BY</p> <p>JKB</p>	
	<p>FILE NO 11-8602</p>	

# OPAL STREET

SEE SHEET 4



SEE SHEET 5

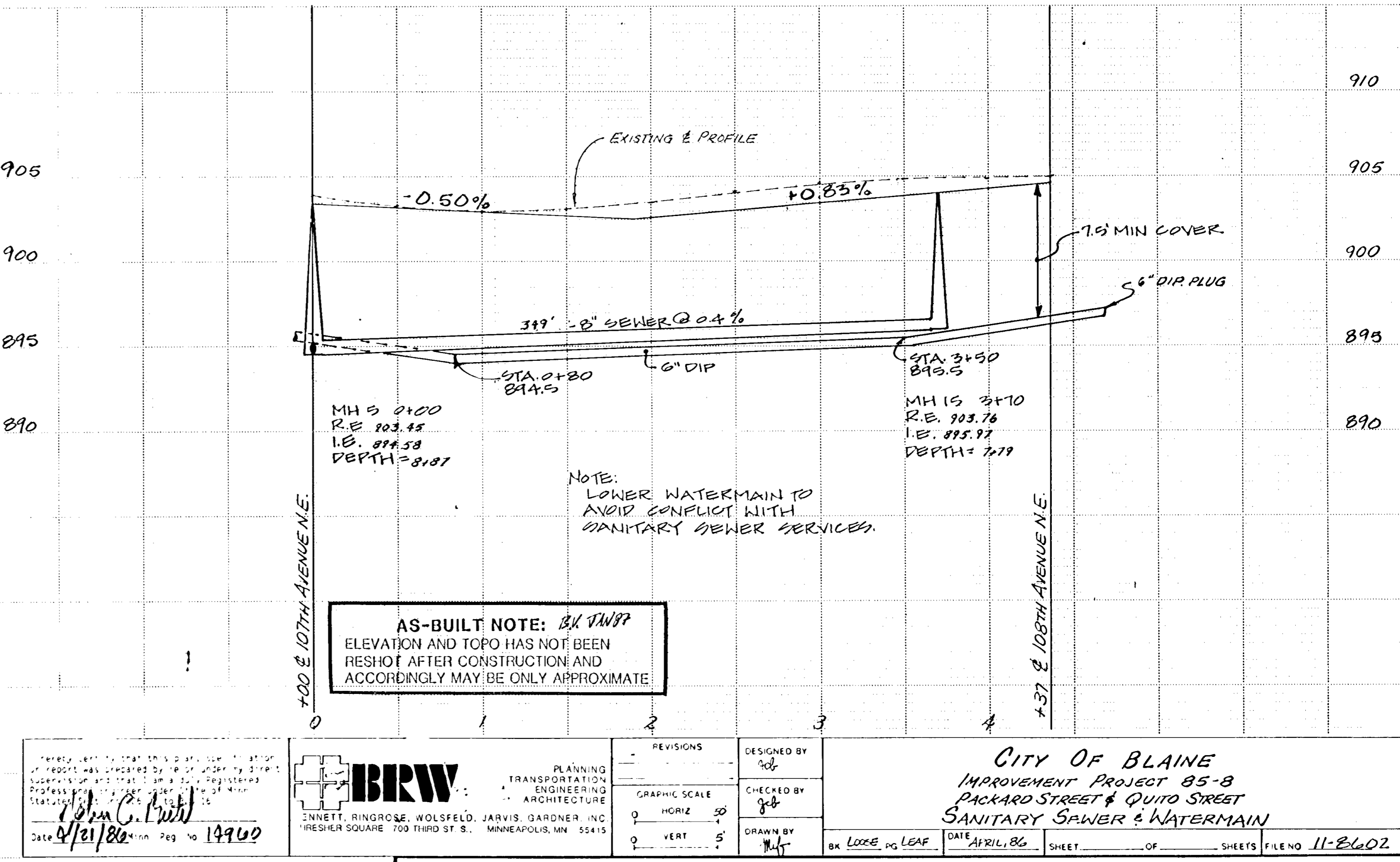
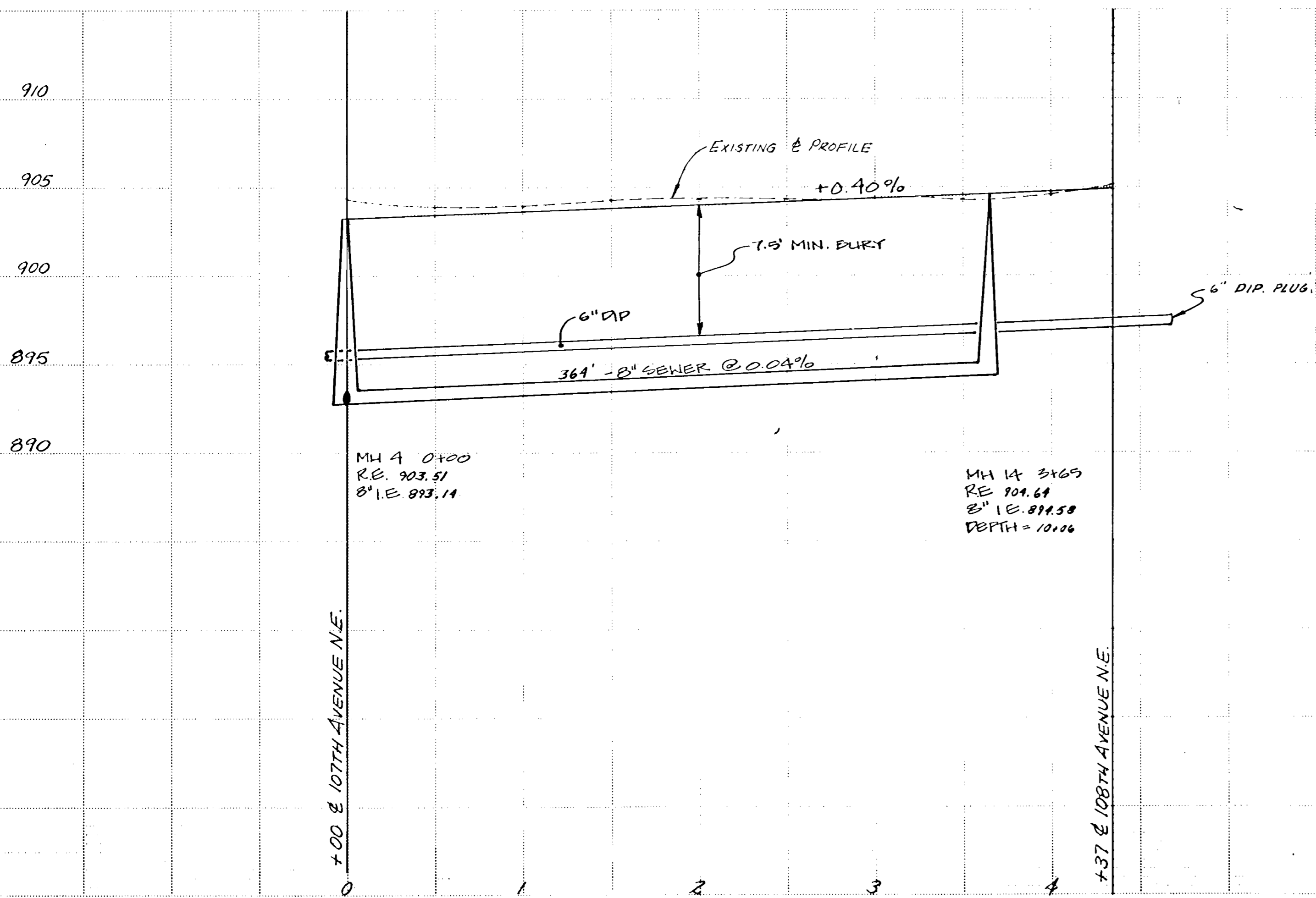
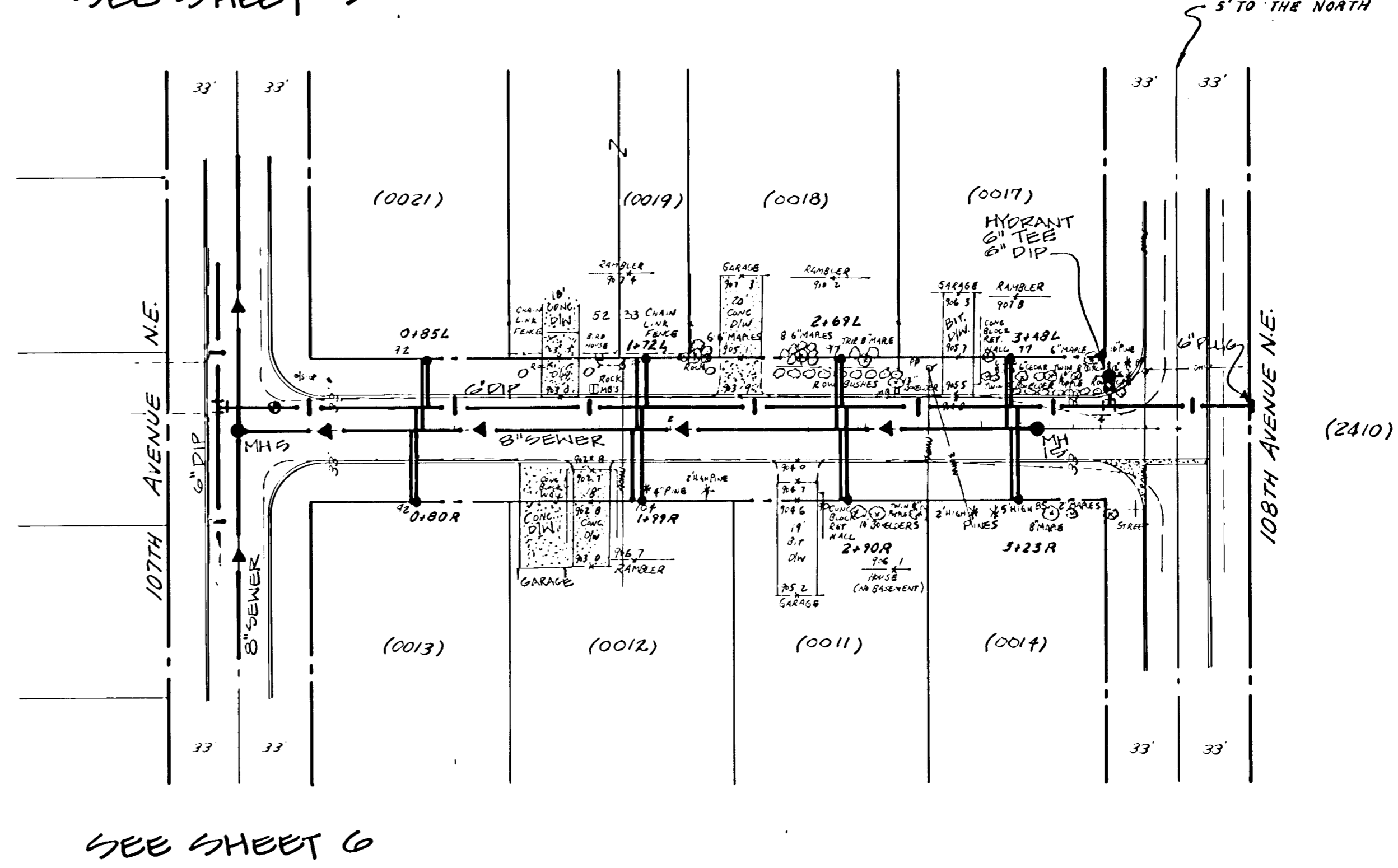
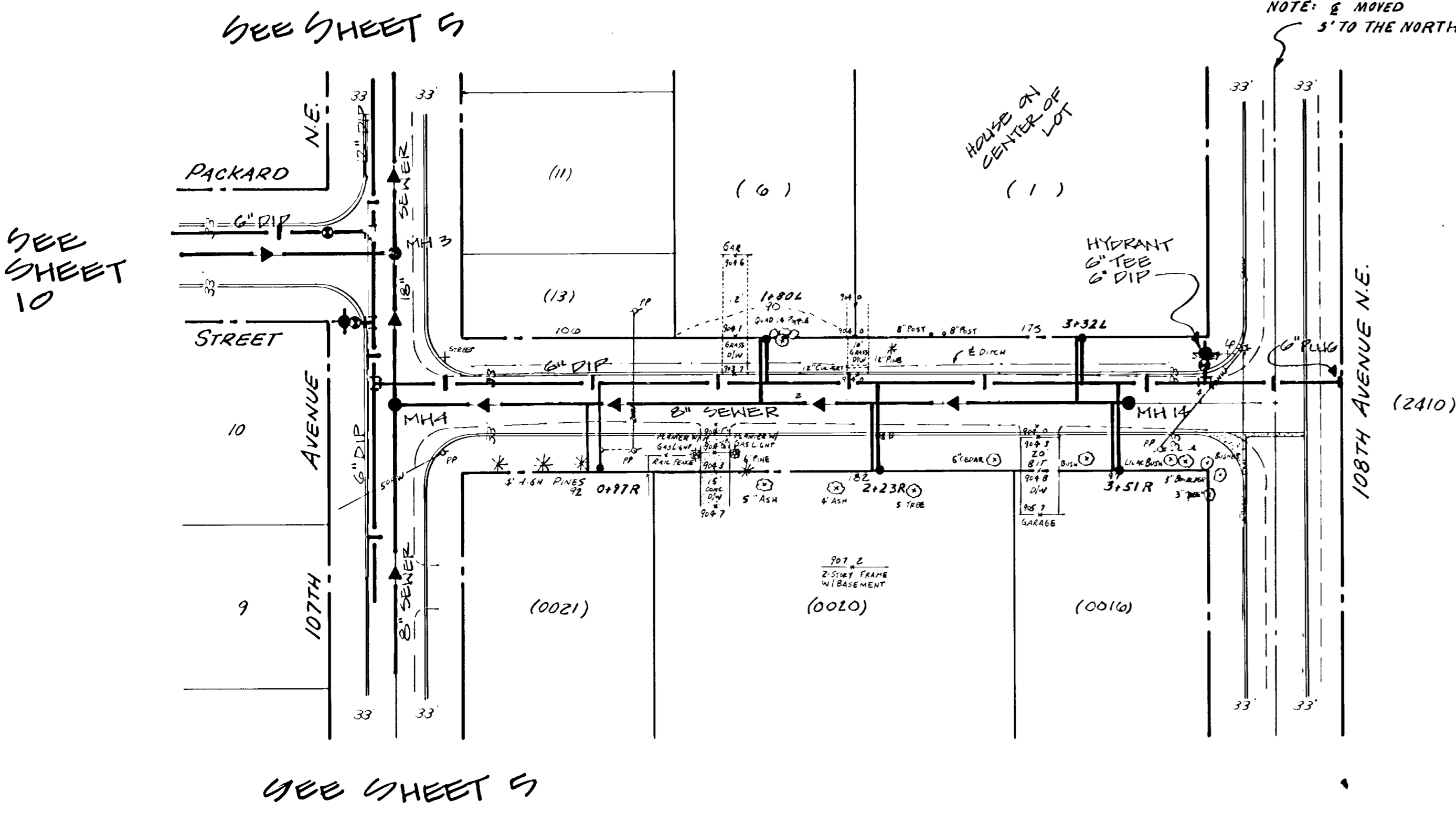


**AS-BUILT NOTE: SEE PLAN**  
 ELEVATION AND TOPO HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
 ACCORDINGLY MAY BE ONLY APPROXIMATE

<p>BRW                  BENNETT, RINGROSE, WOLSFELD, JARVIS, GARDNER, INC.                  ARCHITECTURE</p>	<p>DESIGNED BY                  J.B.</p>	<p>CITY OF BLAINE                  IMPROVEMENT PROJECT 85-8                  OPAL STREET                  SANITARY SEWER &amp; WATERMAIN</p>
	<p>CHECKED BY                  J.B.</p>	
<p>DATE: 4/21/80</p>	<p>DATE: APRIL, 86</p>	<p>FILE NO: 11-8602</p>

PACKARD STREET

QUITO STREET



**AS-BUILT NOTE:** ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE.

<p>BRW PLANNING TRANSPORTATION ENGINEERING ARCHITECTURE ENNETT, RINGROSE, WOLSFELD, JARVIS, GARDNER, INC. 700 THIRD ST. S., MINNEAPOLIS, MN 55415</p>	DESIGNED BY RCH	<p>CITY OF BLAINE IMPROVEMENT PROJECT 85-B PACKARD STREET &amp; QUITO STREET SANITARY SEWER &amp; WATERMAIN</p>
	CHECKED BY JCB	
	DRAWN BY MFT	
	DATE APRIL, 86	
<p>1871</p>	<p>State Proj. No. 106-120-02</p>	<p>Sheet No. 8 of 48 Sheets</p>

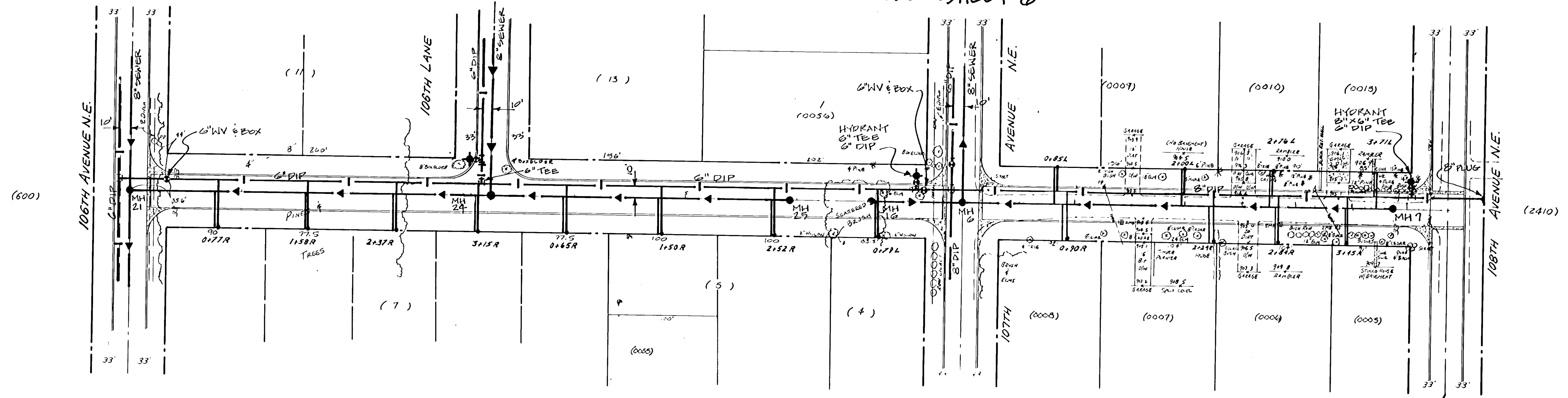


# STUTZ STREET

SEE SHEET 14

SEE SHEET 11

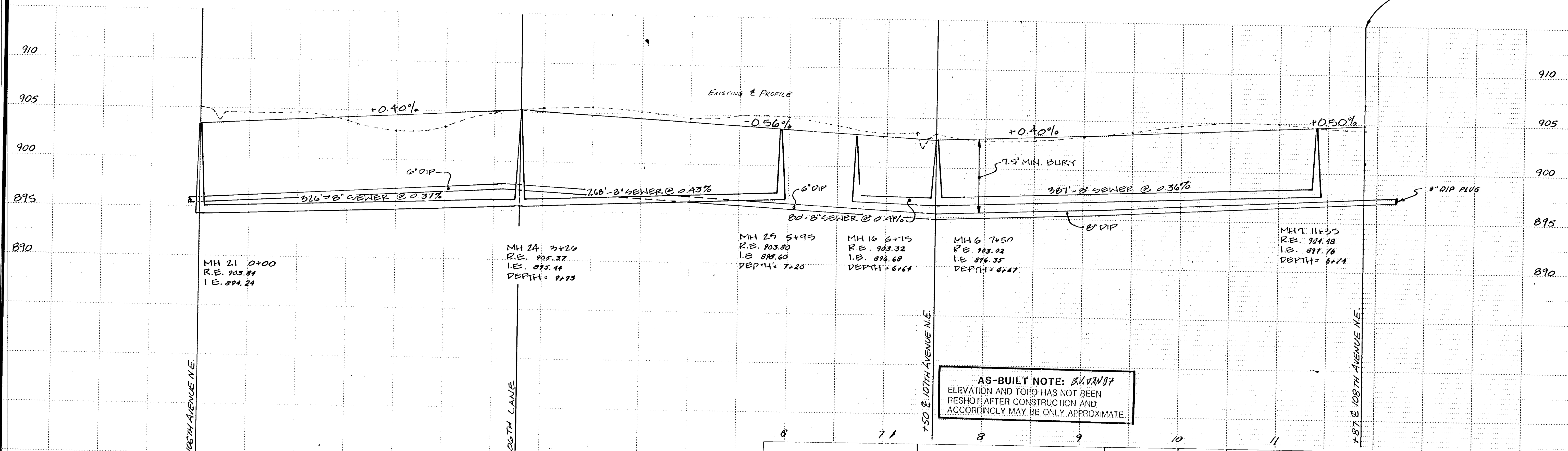
SEE SHEET 6



SEE SHEET 14

SEE SHEET 6

NOTE: 8' MOVED 5' TO THE NORTH



**AS-BUILT NOTE: 8/11/87**  
 ELEVATION AND TOPO HAS NOT BEEN  
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MH 21 0+00  
 R.E. 903.84  
 I.E. 894.24

MH 24 3+20  
 R.E. 905.37  
 I.E. 895.14  
 DEPTH = 9.23

MH 25 5+95  
 R.E. 903.80  
 I.E. 895.60  
 DEPTH = 7.20

MH 16 6+75  
 R.E. 903.32  
 I.E. 896.68  
 DEPTH = 6.64

MH 6 7+50  
 R.E. 903.02  
 I.E. 896.35  
 DEPTH = 6.67

MH 7 11+35  
 R.E. 904.48  
 I.E. 897.78  
 DEPTH = 6.74

1872

PLANNING  
 TRANSPORTATION  
 ENGINEERING  
 ARCHITECTURE  
**BRW**  
 BENNETT, RINGROSE, WOLFFELD, JARVIS, GARDNER, INC.  
 THRESHER SQUARE 700 THIRD ST. S. MINNEAPOLIS, MN 55415  
 Date 4/21/86 Reg No 14960

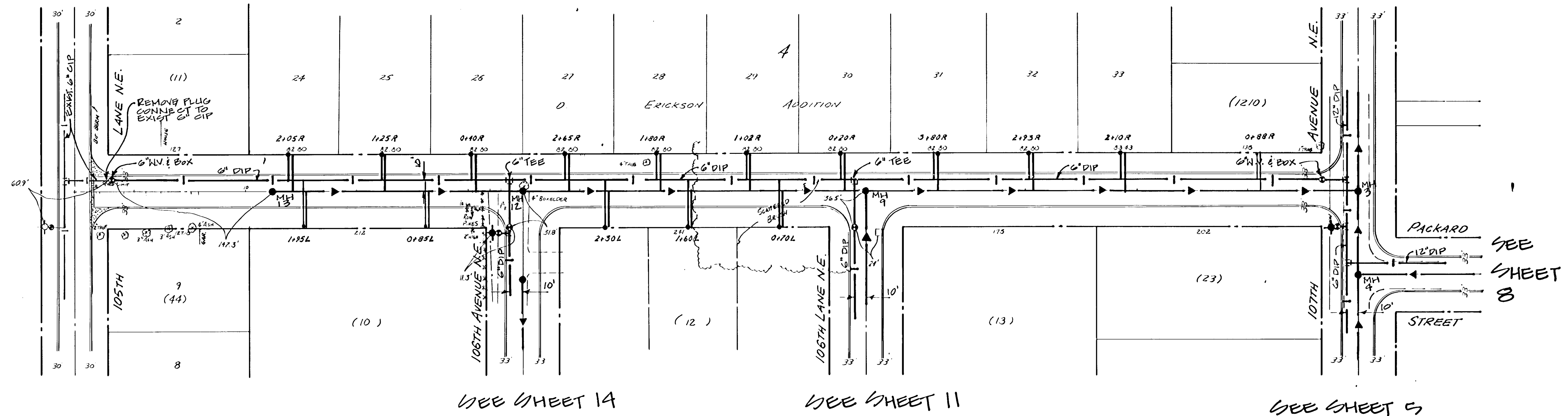
REVISIONS	DESIGNED BY
0	jel
1	jel
2	jel
3	jel

CHECKED BY	DRAWN BY
jel	jel
jel	jel
jel	jel

**CITY OF BLAINE**  
 IMPROVEMENT PROJECT 85-8  
 STUTZ STREET  
 SANITARY SEWER & WATER MAIN  
 BK LOOSE PG LEAF DATE APR 86 SHEET OF SHEETS FILE NO 11-0602

# PACKARD STREET

SEE SHEET 5

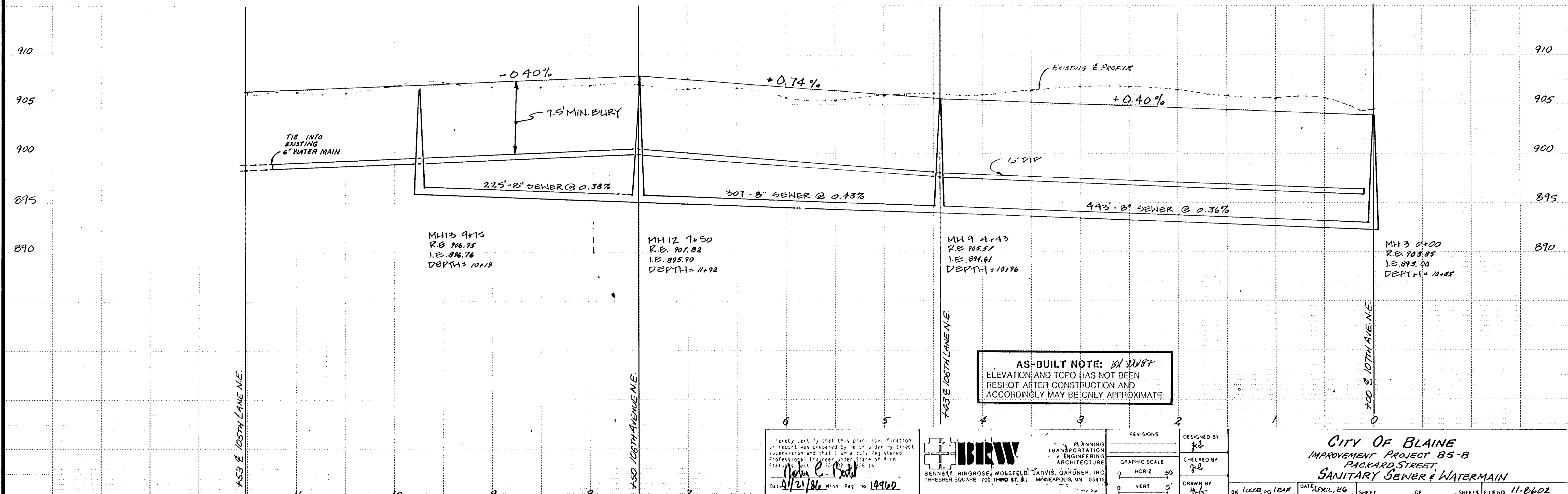


SEE SHEET 14

SEE SHEET 11

SEE SHEET 5

SEE SHEET 8



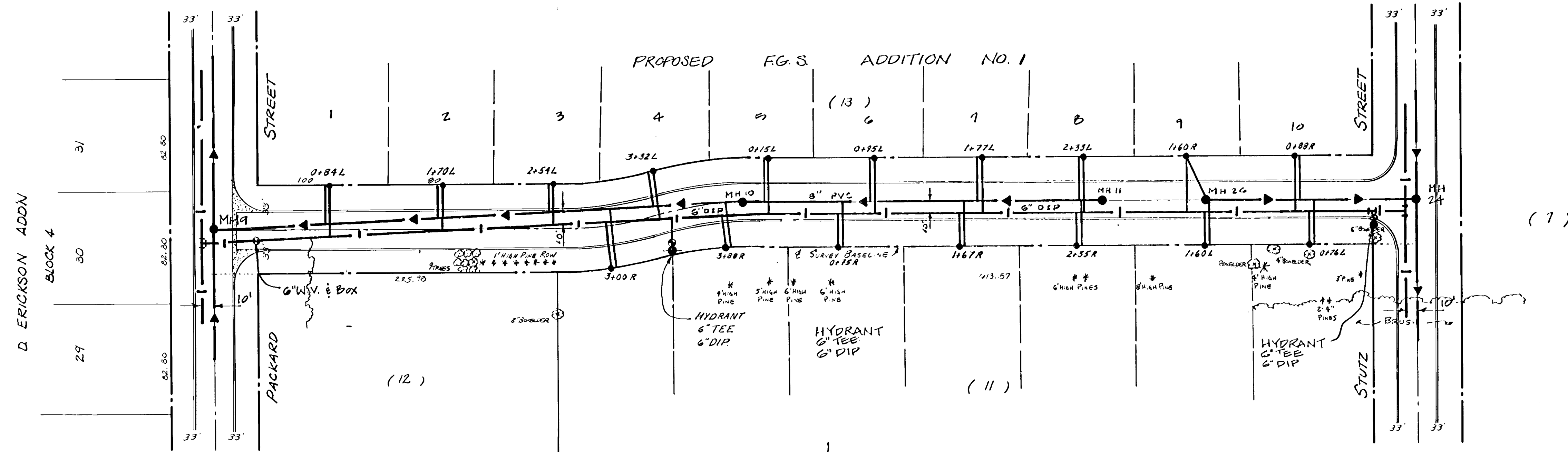
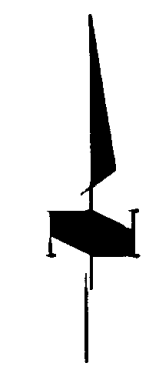
**AS-BUILT NOTE: BY DWG 87**  
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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under State of Minn. Statutes, effective July 1, 1962. Date: 4/21/86 Minn. Reg. No. 14960	BENNETT, RINGROSE, WOLSFELD, JARVIS, GARDNER, INC. ARCHITECTURE & ENGINEERING THRESHER SQUARE 700 THOMPSON ST. S. MINNEAPOLIS, MN 55415	REVISIONS _____ _____ _____	DESIGNED BY jeb	CITY OF BLAINE IMPROVEMENT PROJECT 85-8 PACKARD STREET SANITARY SEWER & WATERMAIN
		GRAPHIC SCALE 0' HORIZ 50' 0' VERT 5'	CHECKED BY jeb	

SEE SHEET 10

# 106TH LANE

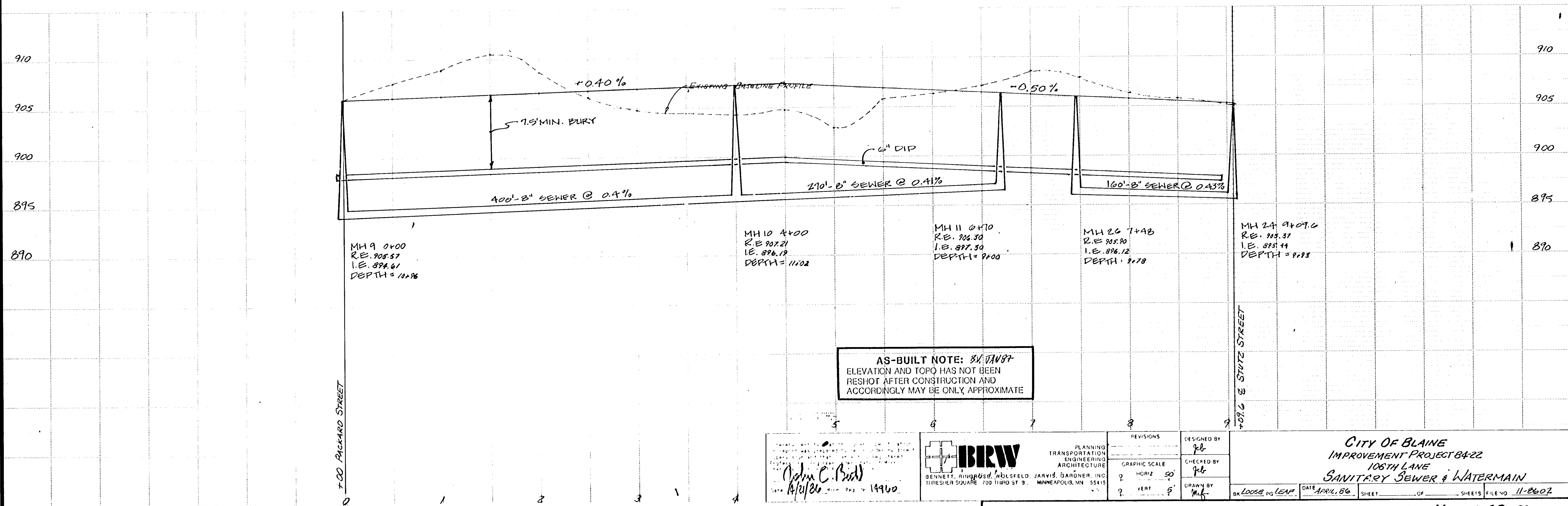
SEE SHEET 9



SEE SHEET 10

NOTE: Right of way dimensions. See final plat

SEE SHEET 9



**AS-BUILT NOTE:** SURVEY ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE

<p><b>IBRW</b> PLANNING TRANSPORTATION ENGINEERING ARCHITECTURE</p> <p>1000 BENTLEY BLVD. S.W. JARVIS BARNER, INC. BENNETT, RINGBOLD, HILSFELD, JARVIS, BARNER, INC. THRESHIER SQUARE, 700 THIRD ST. S. MINNEAPOLIS, MN 55415</p>	REVISIONS DESIGNED BY JCB	CITY OF BLAINE IMPROVEMENT PROJECT 8422 106TH LANE SANITARY SEWER & WATERMAIN	
	GRAPHIC SCALE 2" HORIZ = 50' 2" VERT = 5'		CHECKED BY JCB
	DRAWN BY MFG		DATE APRIL 86

State Proj. No. 106-120-02

Sheet No. 11 of 48 Sheets

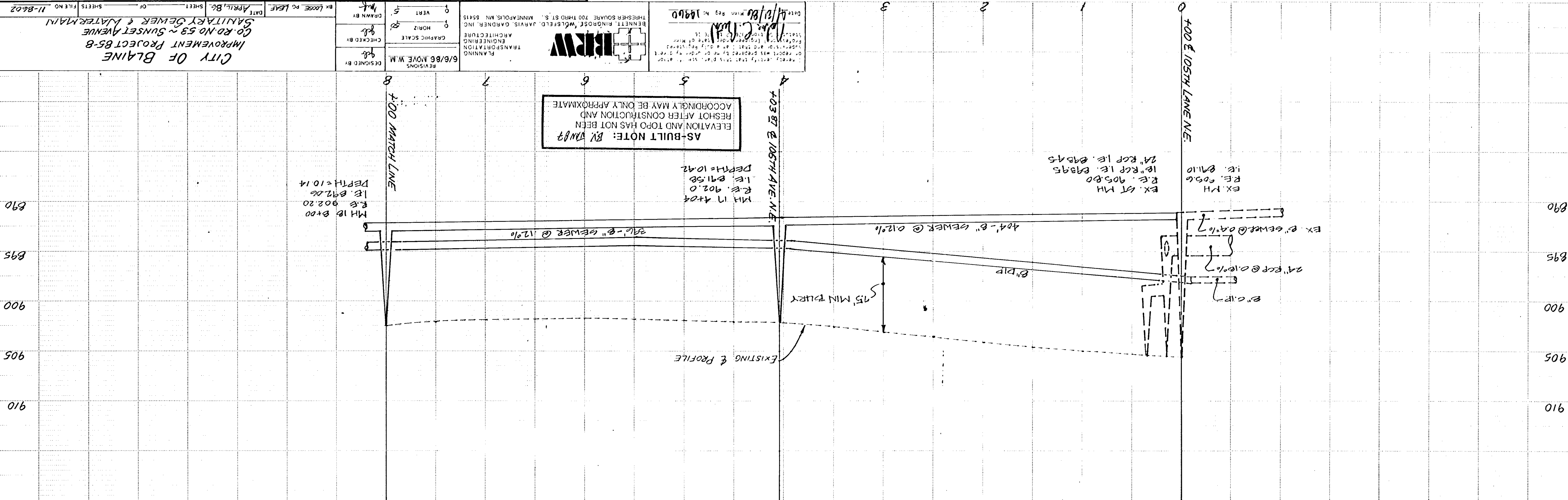
DESIGNED BY: 6/6/86 MOYE W.M.  
 CHECKED BY: *gd*  
 ARCHITECTURE: **BRW**  
 ENGINEERING: **BRW**  
 TRANSPORTATION: **BRW**  
 PLANNING: **BRW**  
 BENTLEY, RINGROSE, WOLSTED, JARVIS, GARBER, INC.  
 THRESHOLD SQUARE 700 THIRD ST. S. MINNEAPOLIS, MN 55415  
 DATE: 4/12/86  
 REG. NO. 14960

CITY OF BLAINE  
 IMPROVEMENT PROJECT 85-8  
 GO RD NO 53 ~ SUNSET AVENUE  
 SANITARY SEWER & WATER MAIN  
 APRIL, 86  
 SHEET 12 OF 48 SHEETS  
 FILE NO. 11-8602

AS-BUILT NOTE: BY *gmdg*  
 ELEVATION AND TOPO HAS NOT BEEN  
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 ACCORDINGLY MAY BE ONLY APPROXIMATE

MH 17 4+04  
 R.E. 902.0  
 I.E. 911.58  
 DEPTH = 10.42

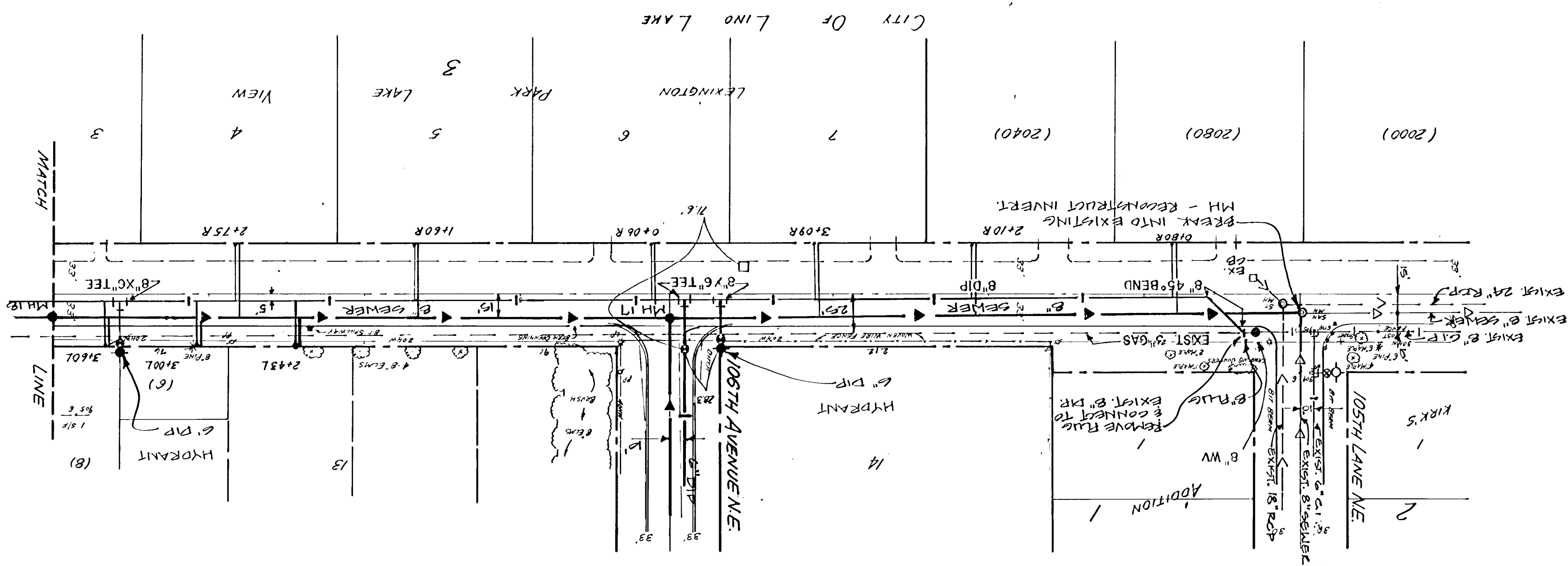
MH 18 8+00  
 R.E. 902.20  
 I.E. 912.06  
 DEPTH = 10.14



CO. RD. NO. 53 - SUNSET AVENUE

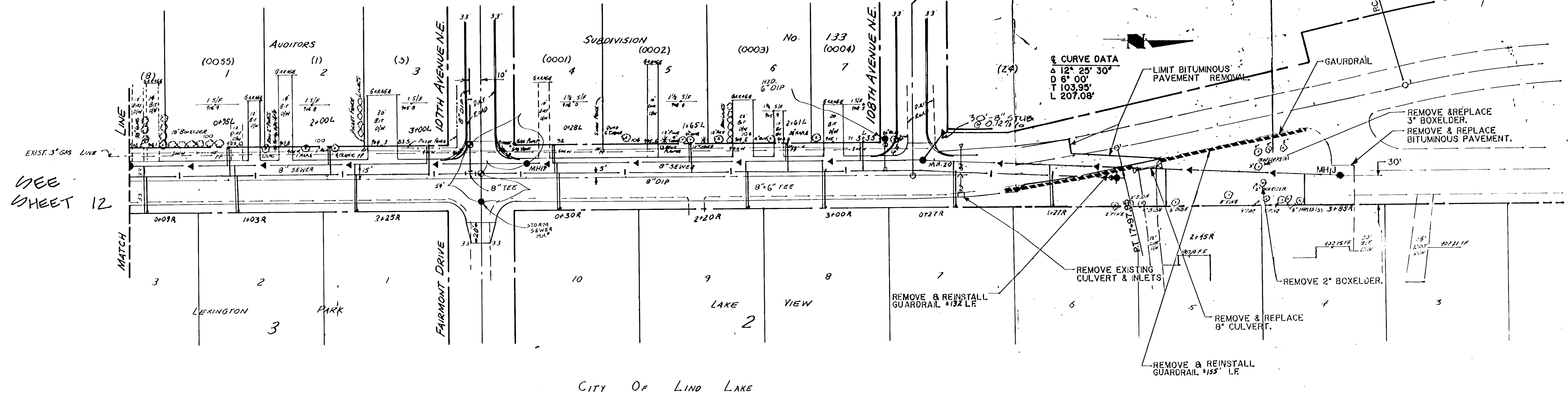
SEE SHEET 14

SEE SHEET 13

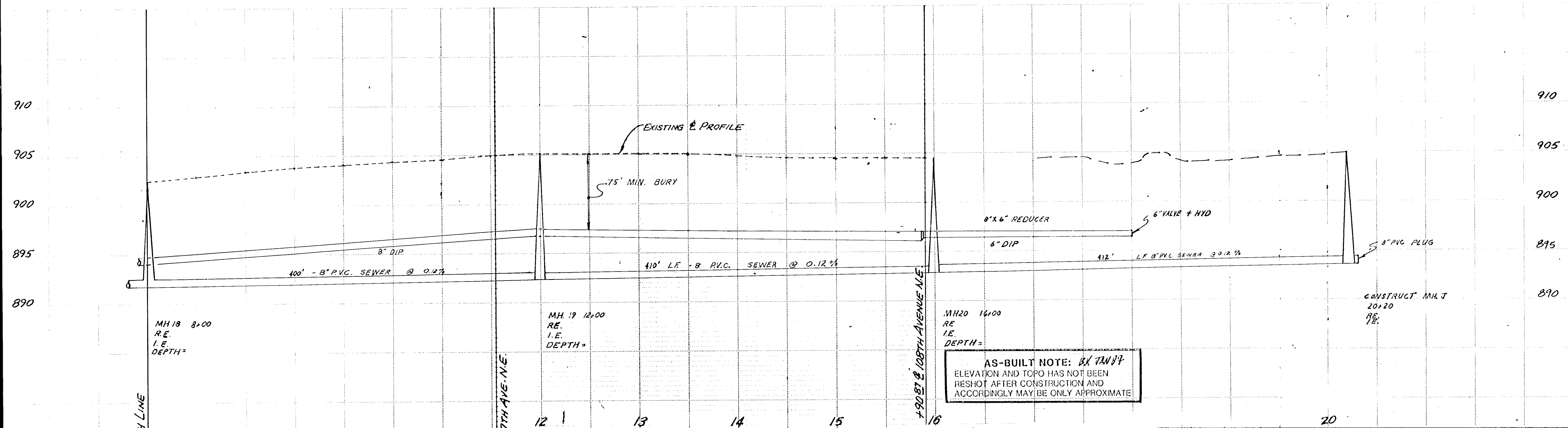


# CO. RD. NO.53 - SUNSET AVENUE

SEE SHEET 12



CITY OF LIND LAKE



**AS-BUILT NOTE: EX TAN 84**  
 ELEVATION AND TOPO HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
 ACCORDINGLY MAY BE ONLY APPROXIMATE

<p>DESIGNED BY                  J. R. B. / J. R. B.</p> <p>CHECKED BY                  J. R. B.</p> <p>DRAWN BY                  J. R. B.</p>	<p>REVISIONS                  6/6/86 MOVE W.M.                  8/21/86 STORM</p>	<p>DATE                  APRIL 86</p>
	<p>GRAPHIC SCALE                  0 HORIZ 50'                  0 VERT 5'</p>	<p>FILE NO                  11-8602</p>

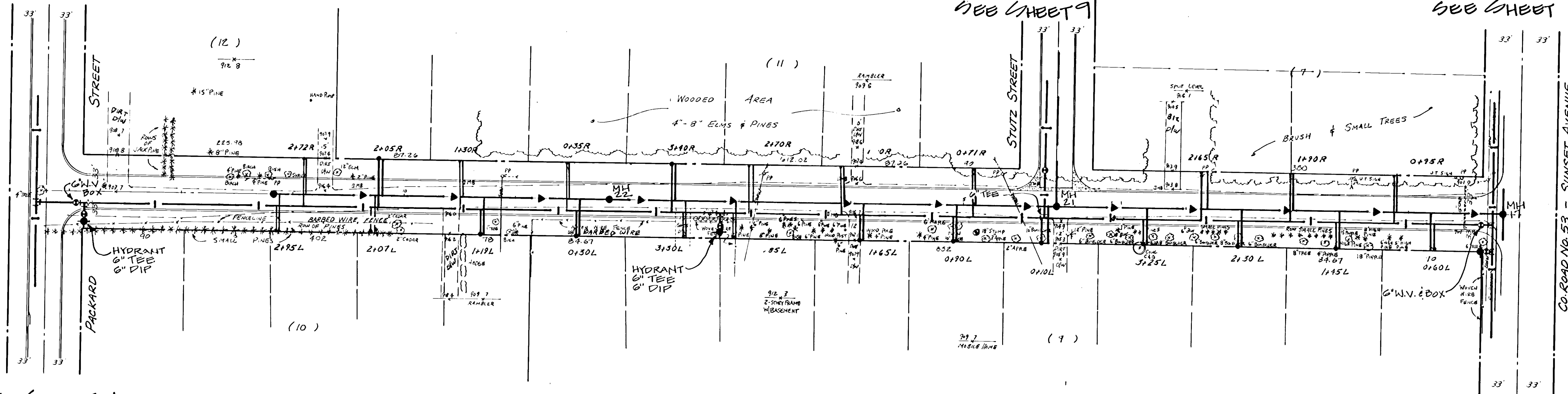
**CITY OF BLAINE**  
 IMPROVEMENT PROJECT 85-8  
 CO. RD. NO. 53 - SUNSET AVENUE  
 SANITARY SEWER & WATERMAIN  
 SHEET 13 OF 48 SHEETS

SEE SHEET 10

106TH AVENUE N.E.

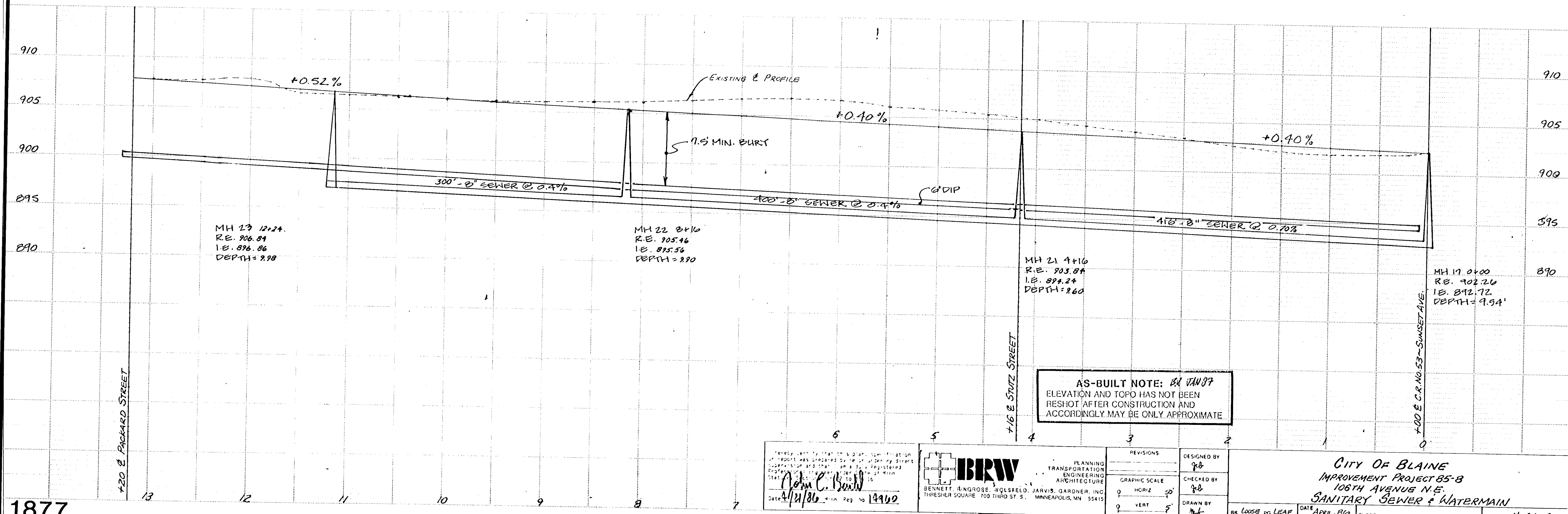
SEE SHEET 9

SEE SHEET 12



SEE SHEET 10

SEE SHEET 12



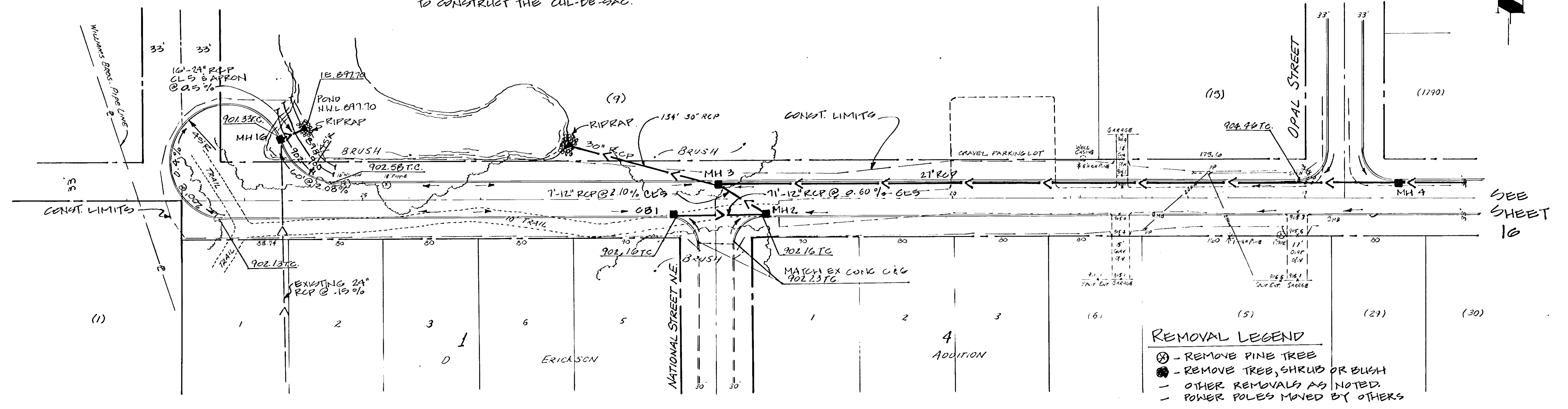
AS-BUILT NOTE: BY JANG  
ELEVATION AND TOPO HAS NOT BEEN  
RESHOT AFTER CONSTRUCTION AND  
ACCORDINGLY MAY BE ONLY APPROXIMATE.

1877

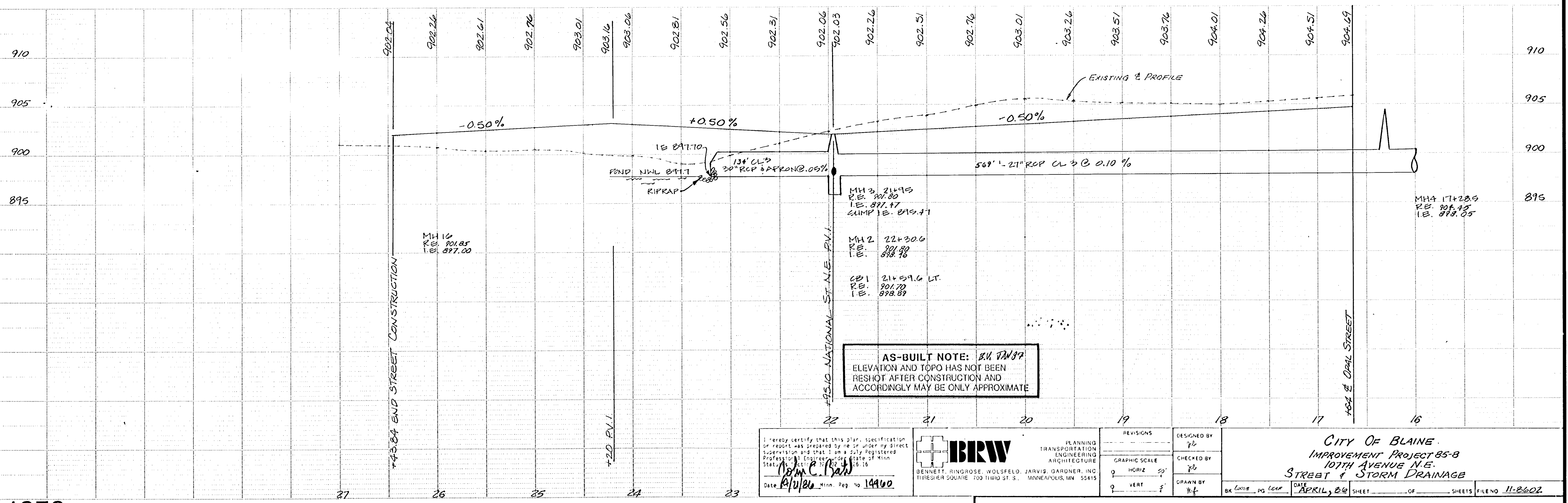
<p>IBRW</p> <p>BENNETT, ANGRÖSE, WOLSFELD, JARVIS, GARDNER, INC.</p> <p>THRESHOLD SQUARE, 700 THIRD ST. S., MINNEAPOLIS, MN 55415</p> <p>Date: 4/21/86, Minn. Reg. No. 19960</p>	<p>PLANNING</p> <p>TRANSPORTATION</p> <p>ENGINEERING</p> <p>ARCHITECTURE</p>	<p>DESIGNED BY</p> <p>gcb</p>	<p>CITY OF BLAINE</p> <p>IMPROVEMENT PROJECT 85-8</p> <p>106TH AVENUE N.E.</p> <p>SANITARY SEWER &amp; WATERMAIN</p>
	<p>GRAPHIC SCALE</p> <p>0 HORIZ 50'</p> <p>0 VERT 5'</p>	<p>CHECKED BY</p> <p>gcb</p> <p>DRAWN BY</p> <p>mt</p>	
<p>State Proj. No. 106-120-02</p>		<p>DATE: APRIL 86 SHEET _____ OF _____ SHEETS FILE NO. 11-0602</p>	

# 107TH AVENUE N.E.

REMOVE TREES AND BRUSH  
IN RIGHT OF WAY AND AS REQUIRED  
TO CONSTRUCT THE CUL-DE-SAC.

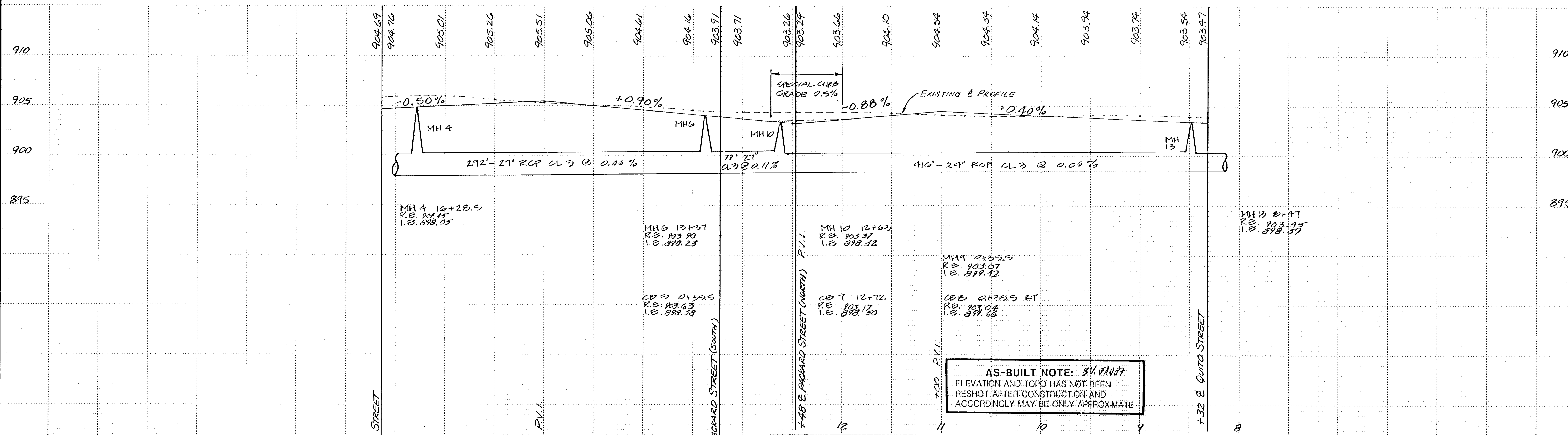
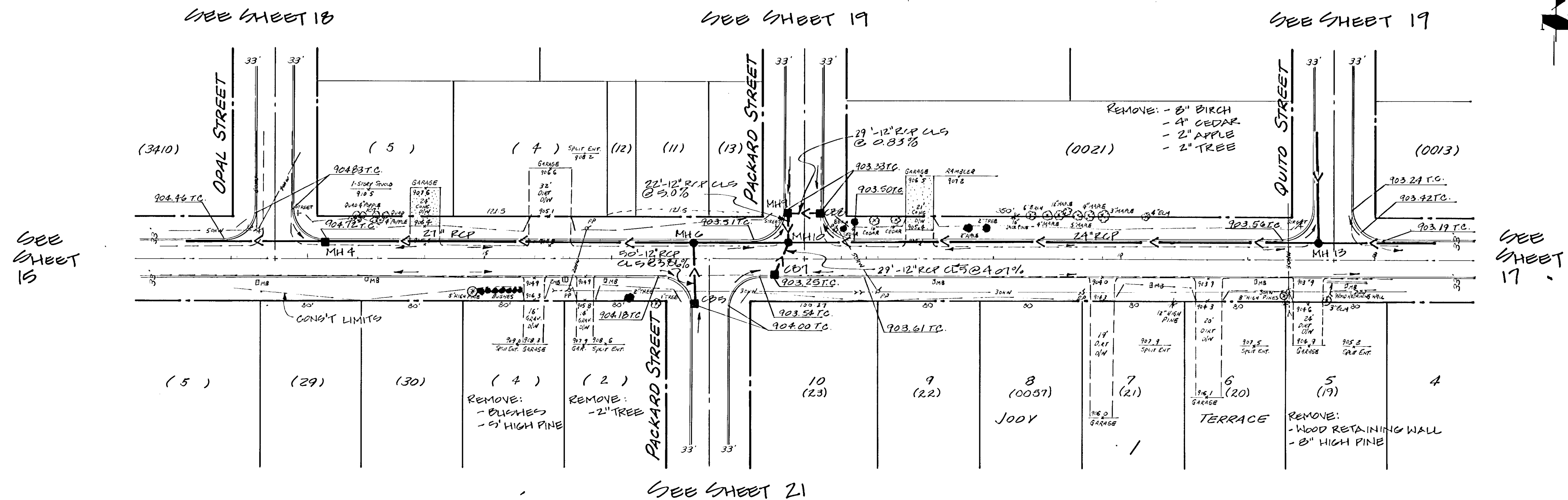


**REMOVAL LEGEND**  
 ⊗ - REMOVE PINE TREE  
 ⊙ - REMOVE TREE, SHRUB OR BUSH  
 - OTHER REMOVALS AS NOTED  
 - POWER POLES MOVED BY OTHERS



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the State of Minnesota, License No. 18742, Exp. 12/31/16. Date: 4/11/20 Minn. Reg. No. 14960	<b>BRW</b> BENNETT, RINGROSE, WOLSFELD, JARVIS, GARDNER, INC. THROUGHIER SQUARE, 700 THIRD ST. S., MINNEAPOLIS, MN 55415	PLANNING TRANSPORTATION ENGINEERING ARCHITECTURE	DESIGNED BY JL	CITY OF BLAINE IMPROVEMENT PROJECT 85-B 107TH AVENUE N.E. STREET & STORM DRAINAGE
		REVISIONS GRAPHIC SCALE 0' HORIZ 5' 0' VERT 1'	CHECKED BY JL	

# 107TH AVENUE N.E.



<p>I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under State of Minn. Statutes, Chapter 326.15.</p> <p><i>John C. Paul</i></p> <p>Date: 4/11/06 Minn. Reg. No. 19460</p>	<p><b>BRW</b> BENNETT, RINGROSE, WOLFELD, JARVIS, GARDNER, INC. THRESHER SQUARE 700 THIRD ST. S. MINNEAPOLIS, MN 55415</p>	<p>DESIGNED BY</p> <p>gjb</p>	<p>CITY OF BLAINE IMPROVEMENT PROJECT 85-B 107TH AVENUE N.E. STREET &amp; STORM DRAINAGE</p>	
		<p>CHECKED BY</p> <p>gjb</p>		<p>DATE</p> <p>APRIL 06</p>
		<p>DRAWN BY</p> <p>gjb</p>		<p>SHEET</p> <p>16</p>

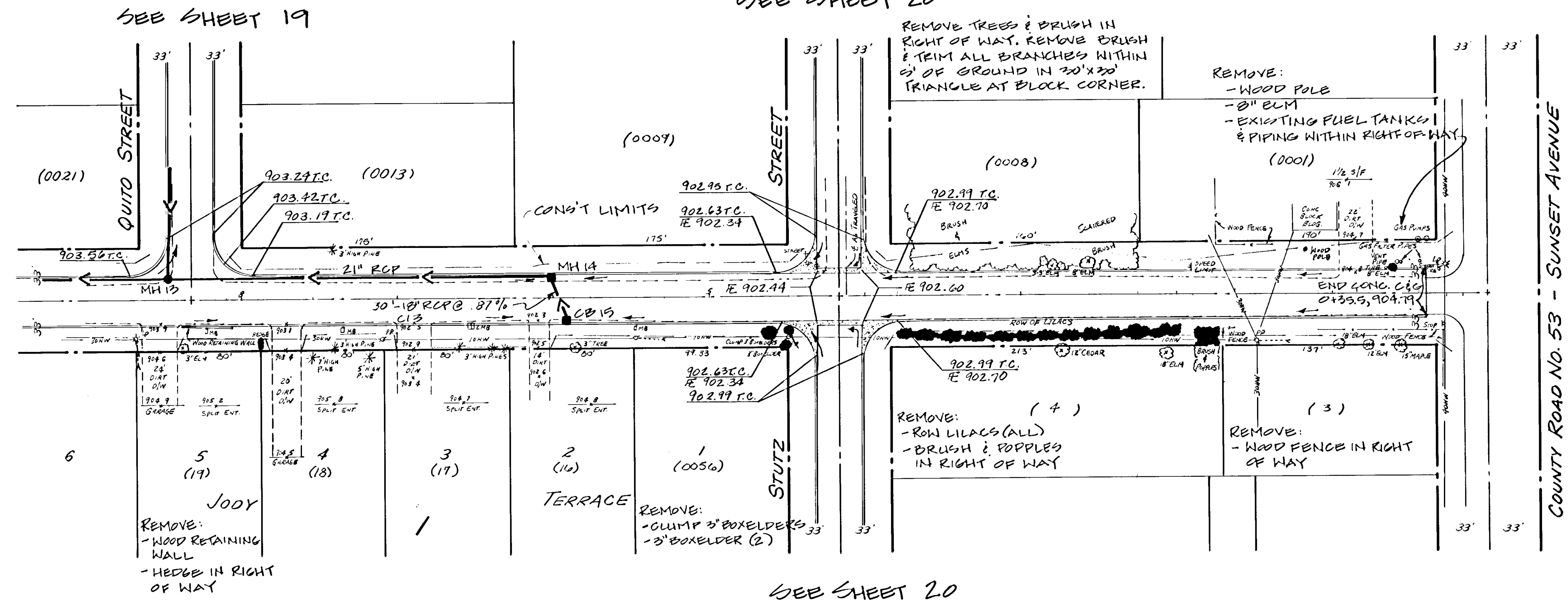


# 107TH AVENUE N.E.



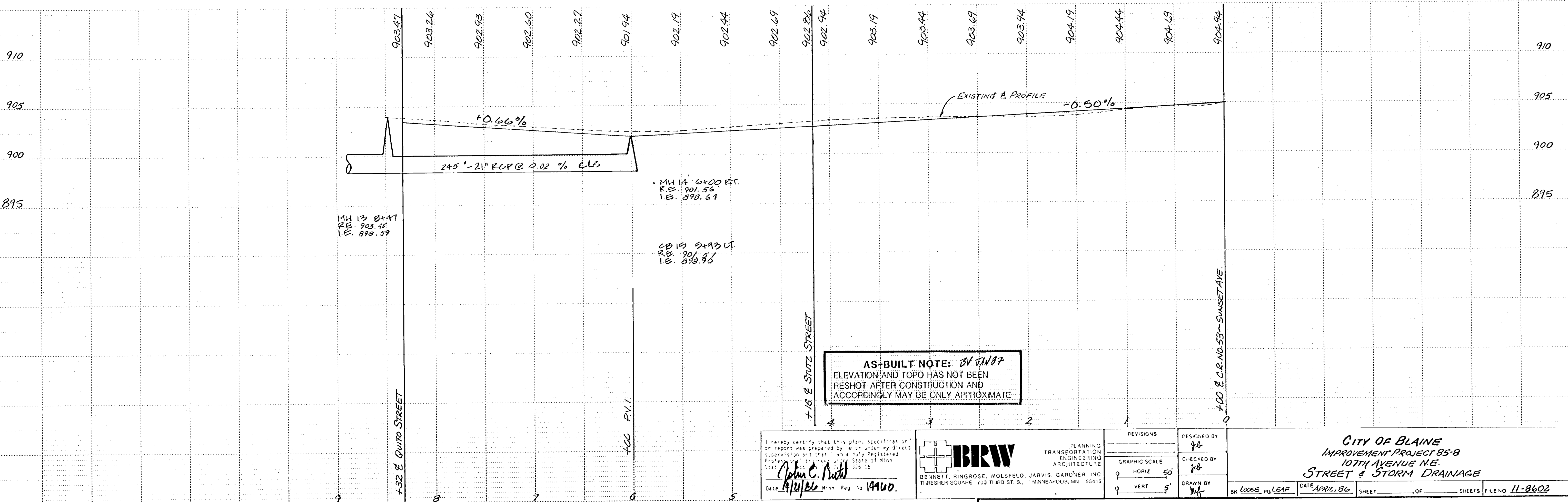
SEE SHEET 19  
SEE SHEET 10

SEE SHEET 20



- REMOVAL LEGEND**
- ⊗ - REMOVE PINE TREES
  - ⊙ - REMOVE TREE, SHRUB OR BUSH
  - - OTHER REMOVALS AS NOTED
  - - POWER POLES MOVED BY OTHERS

SEE SHEET 20



**AS-BUILT NOTE:** BY JMB  
ELEVATION AND TOPO HAS NOT BEEN  
RESHOT AFTER CONSTRUCTION AND  
ACCORDINGLY MAY BE ONLY APPROXIMATE.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer in the State of Minnesota.  
*John C. Smith*  
Date: 4/21/86 Minn. Reg. No. 19460.

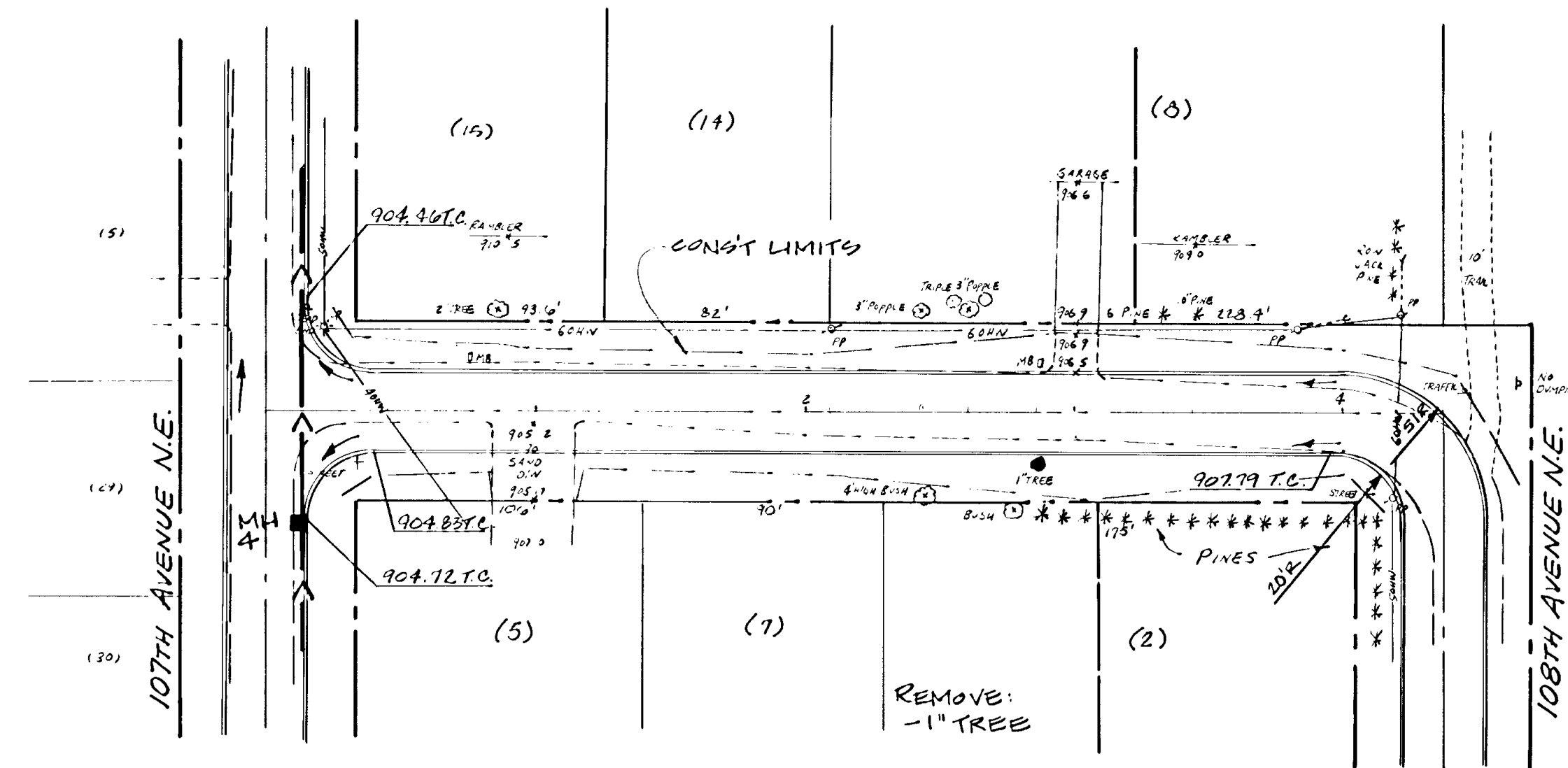
**BRW**  
BENNETT, RINGROSE, WOLSFELD, JARVIS, GARDNER, INC.  
THRESHIER SQUARE, 700 THIRD ST. S., MINNEAPOLIS, MN 55415

PLANNING  
TRANSPORTATION  
ENGINEERING  
ARCHITECTURE

DESIGNED BY JMB	REVISIONS	CITY OF BLAINE IMPROVEMENT PROJECT 85-B 107TH AVENUE N.E. STREET & STORM DRAINAGE
CHECKED BY JMB		
DRAWN BY JMB		
GRAPHIC SCALE HORIZ 50' VERT 5'	DATE: APRIL 86	SHEET _____ OF _____ SHEETS FILE NO 11-8602

# OPAL STREET

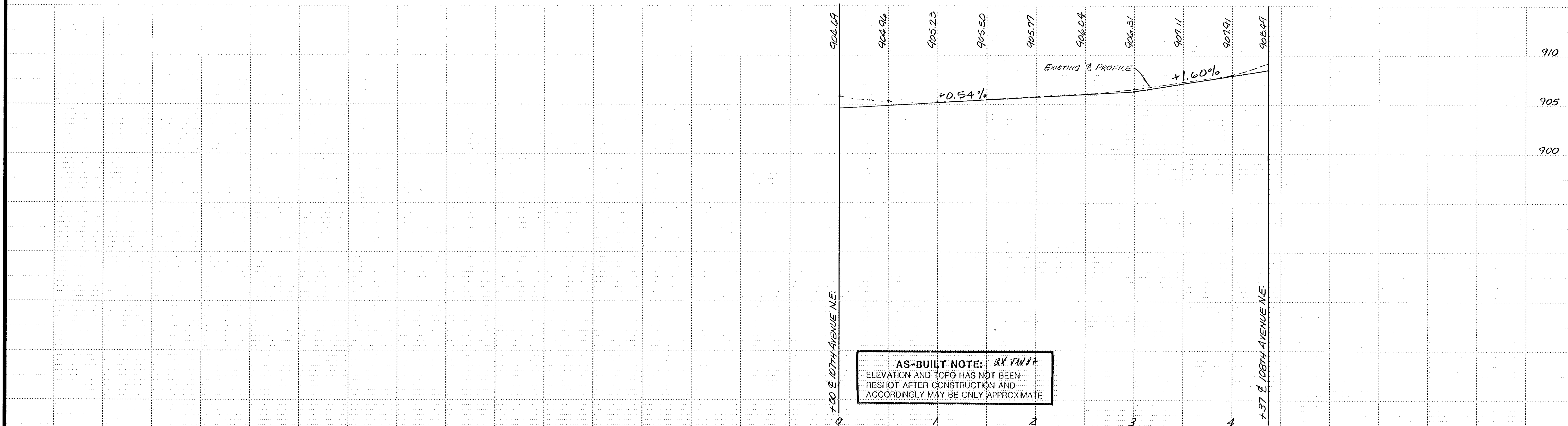
SEE SHEET 15



- REMOVAL LEGEND**
- ⊗ - REMOVE PINE TREES
  - ⊙ - REMOVE TREE, BUSH OR SHRUB
  - - - OTHER REMOVALS AS NOTED
  - - - POWER POLES MOVED BY OTHERS

SEE SHEET 16

SEE SHEET 24

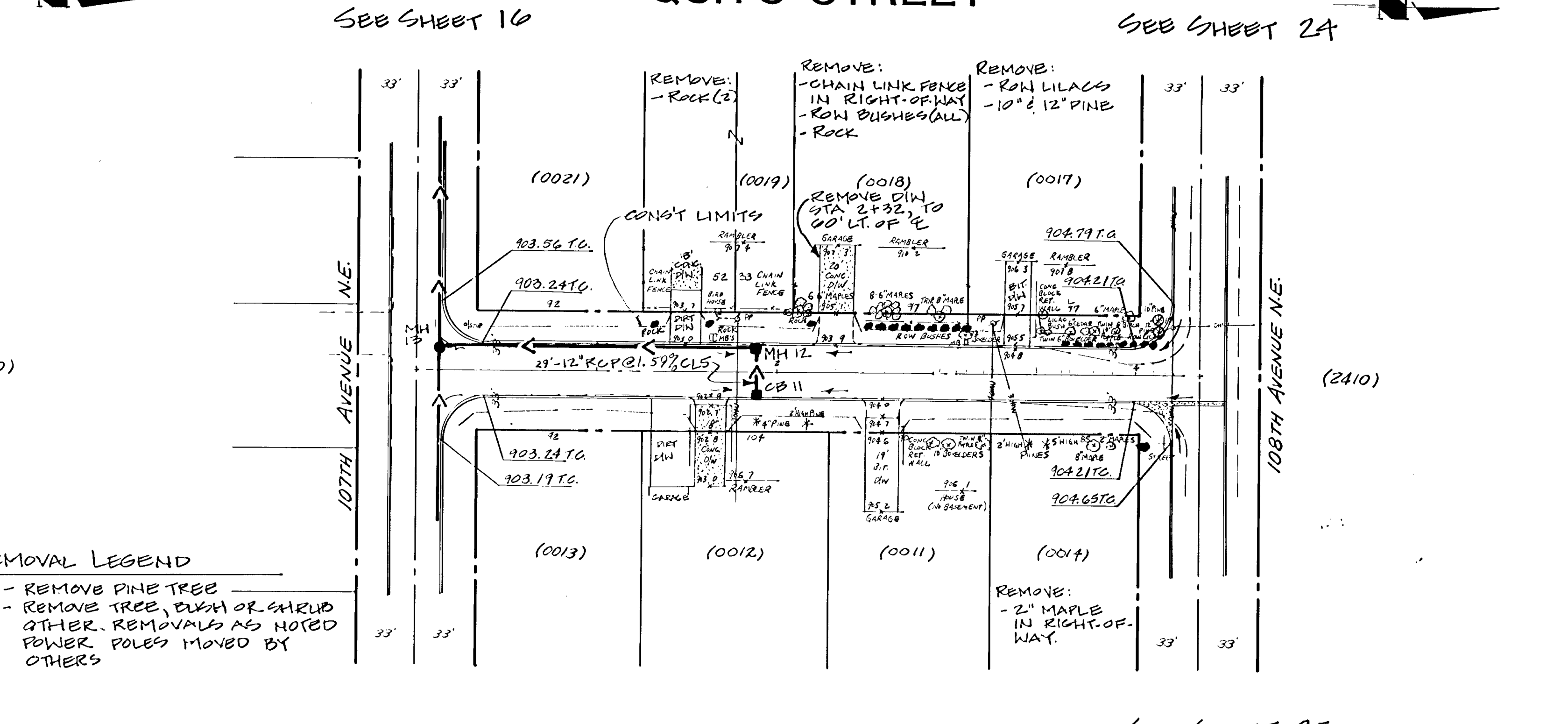
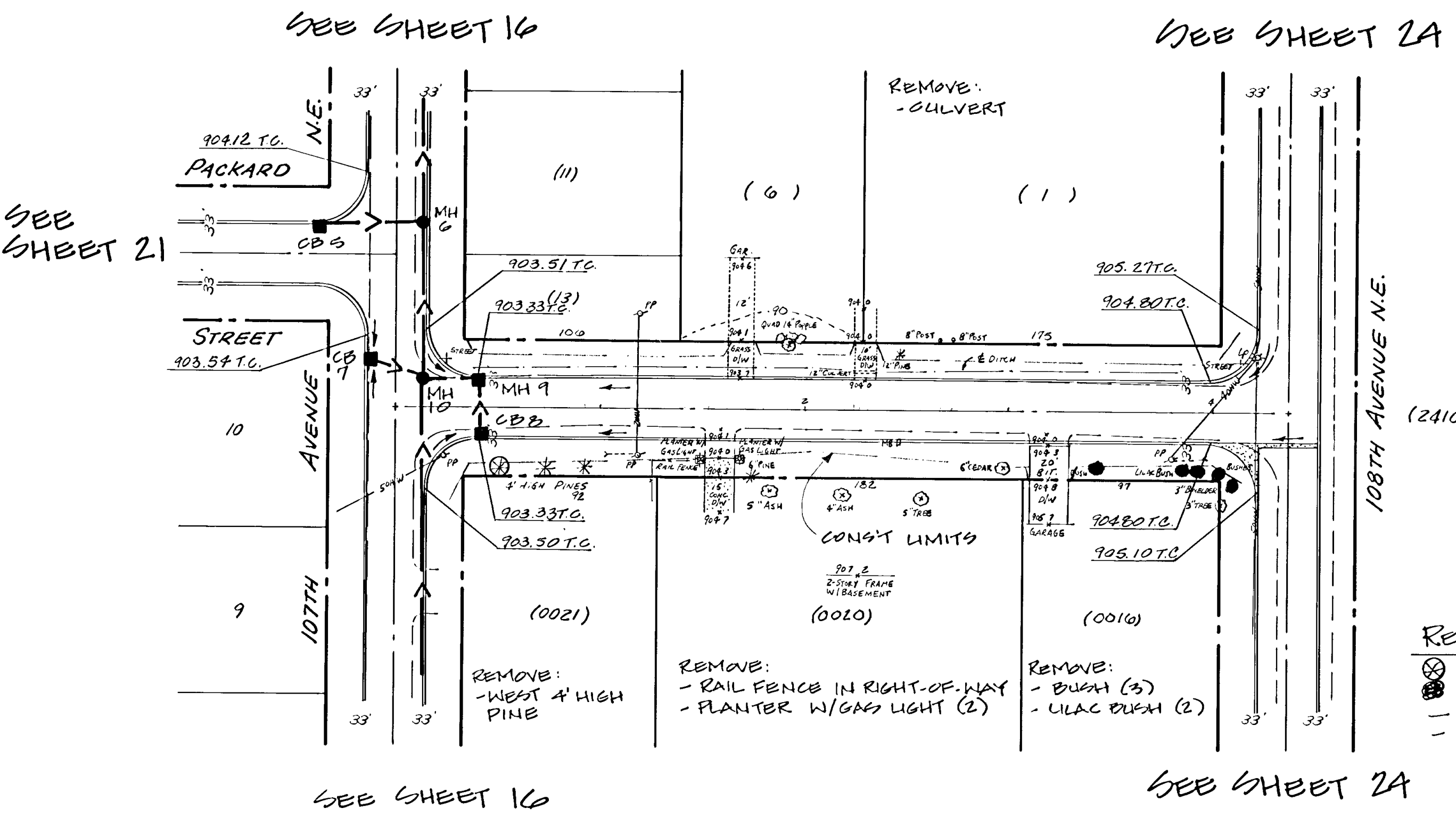


**AS-BUILT NOTE:** BK TANT  
 ELEVATION AND TOPO HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn Stat. Ch. 320.01, 320.02, 320.03, 320.05, 320.06, 320.07, 320.08, 320.09, 320.10, 320.11, 320.12, 320.13, 320.14, 320.15, 320.16, 320.17, 320.18, 320.19, 320.20, 320.21, 320.22, 320.23, 320.24, 320.25, 320.26, 320.27, 320.28, 320.29, 320.30, 320.31, 320.32, 320.33, 320.34, 320.35, 320.36, 320.37, 320.38, 320.39, 320.40, 320.41, 320.42, 320.43, 320.44, 320.45, 320.46, 320.47, 320.48, 320.49, 320.50, 320.51, 320.52, 320.53, 320.54, 320.55, 320.56, 320.57, 320.58, 320.59, 320.60, 320.61, 320.62, 320.63, 320.64, 320.65, 320.66, 320.67, 320.68, 320.69, 320.70, 320.71, 320.72, 320.73, 320.74, 320.75, 320.76, 320.77, 320.78, 320.79, 320.80, 320.81, 320.82, 320.83, 320.84, 320.85, 320.86, 320.87, 320.88, 320.89, 320.90, 320.91, 320.92, 320.93, 320.94, 320.95, 320.96, 320.97, 320.98, 320.99, 320.100. Date 4/24/86 Minn. Reg. No. 14960 <i>John C. Paul</i>	BENNETT, RINGROSE, WOLFSFELD, JARVIS, GARDNER, INC. ARCHITECTURE THRESHER SQUARE 700 THIRD ST. S. MINNEAPOLIS, MN 55415	PLANNING TRANSPORTATION ENGINEERING ARCHITECTURE	REVISIONS DESIGNED BY jpb	CITY OF BLAINE IMPROVEMENT PROJECT 85-8 OPAL STREET STREET & STORM DRAINAGE
		GRAPHIC SCALE 0 HORIZ 50' 0 VERT 5'	CHECKED BY jpb	

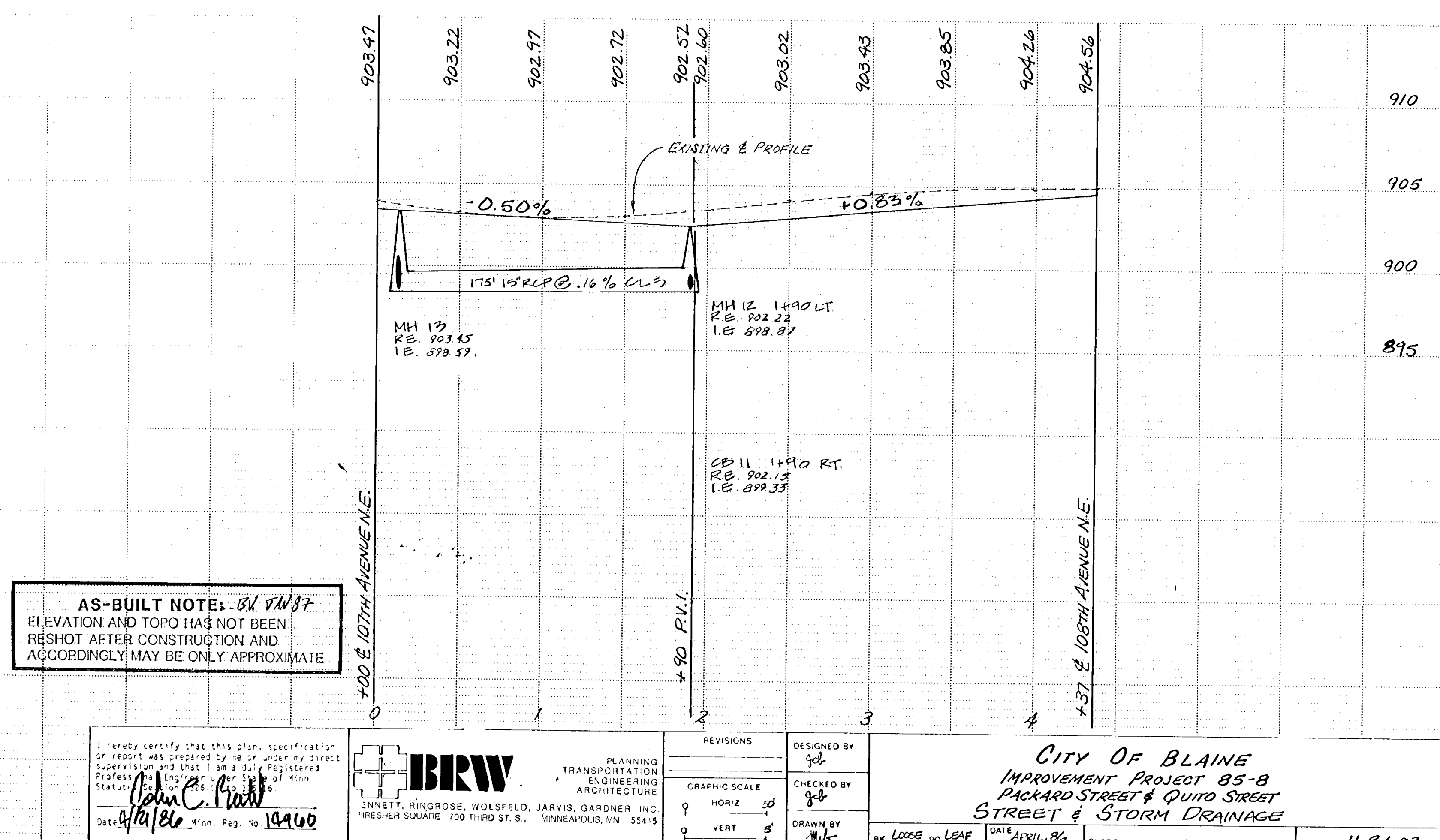
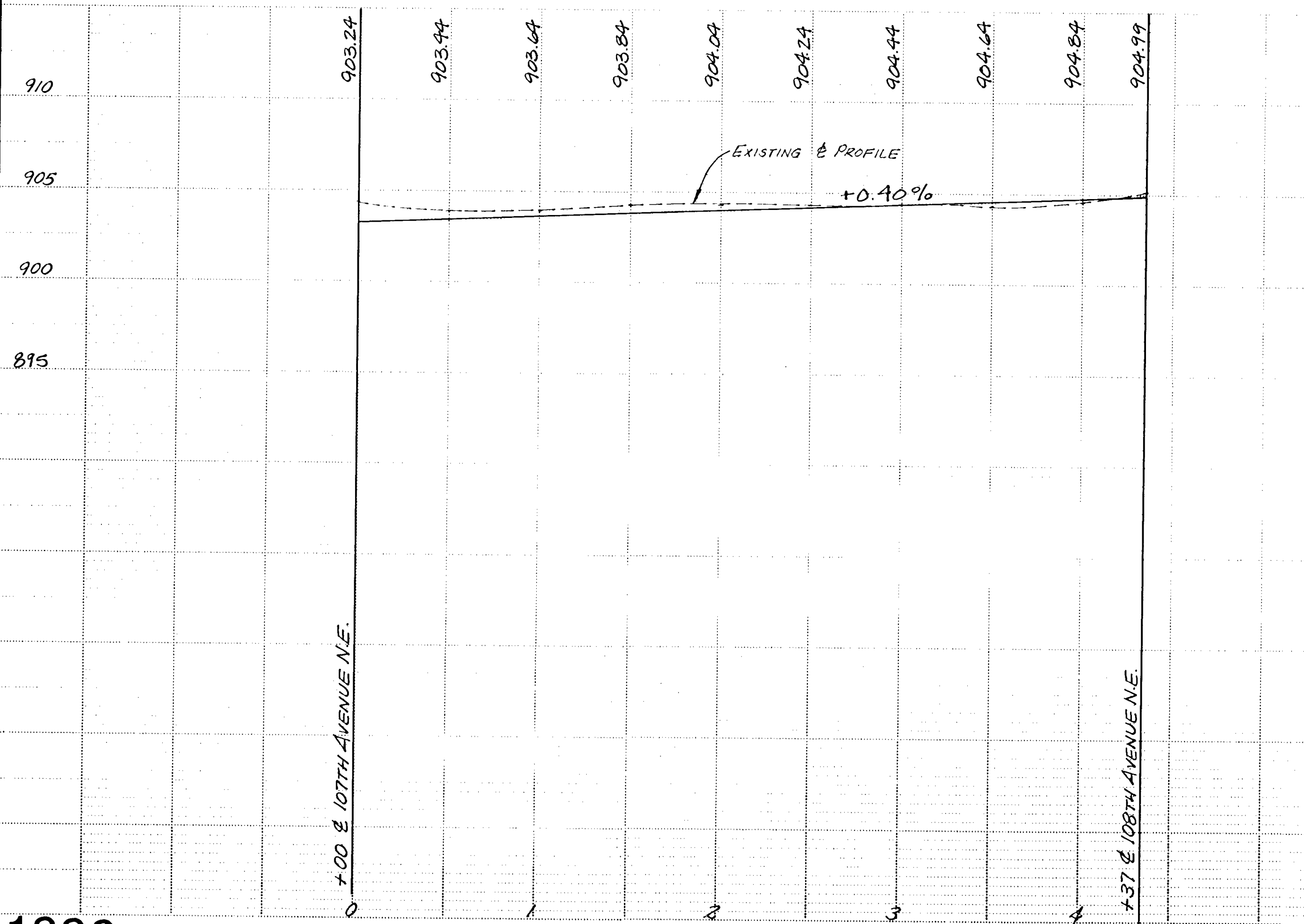
# PACKARD STREET

# QUITO STREET



**REMOVAL LEGEND**

- ⊗ - REMOVE PINE TREE
- ⊙ - REMOVE TREE, BUSH OR SHRUB
- - OTHER REMOVALS AS NOTED
- - POWER POLES MOVED BY OTHERS



**AS-BUILT NOTE:** BK JAN 87  
ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer in the State of Minnesota License No. 26672 Exp. 12/31/86  
*John C. Smith*  
Date: 4/21/86 Minn. Reg. No. 14960

**BRW**  
PLANNING TRANSPORTATION ENGINEERING ARCHITECTURE  
NETT, RINGROSE, WOLSFELD, JARVIS, GARDNER, INC.  
FRESHER SQUARE 700 THIRD ST. S., MINNEAPOLIS, MN 55415

REVISIONS		DESIGNED BY
0	HORIZ	gob
0	VERT	gob
0	VERT	gob

**CITY OF BLAINE**  
IMPROVEMENT PROJECT 85-8  
PACKARD STREET & QUITO STREET  
STREET & STORM DRAINAGE

DATE: APRIL 86 SHEET: 19 OF 48 SHEETS FILE NO. 11-B602

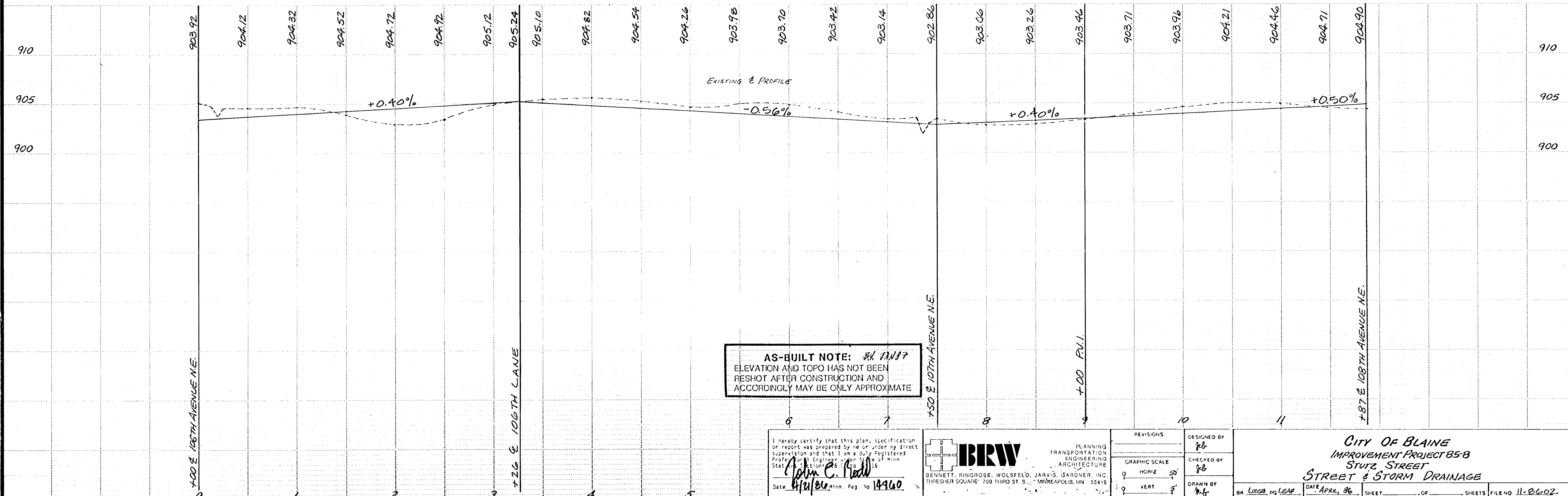
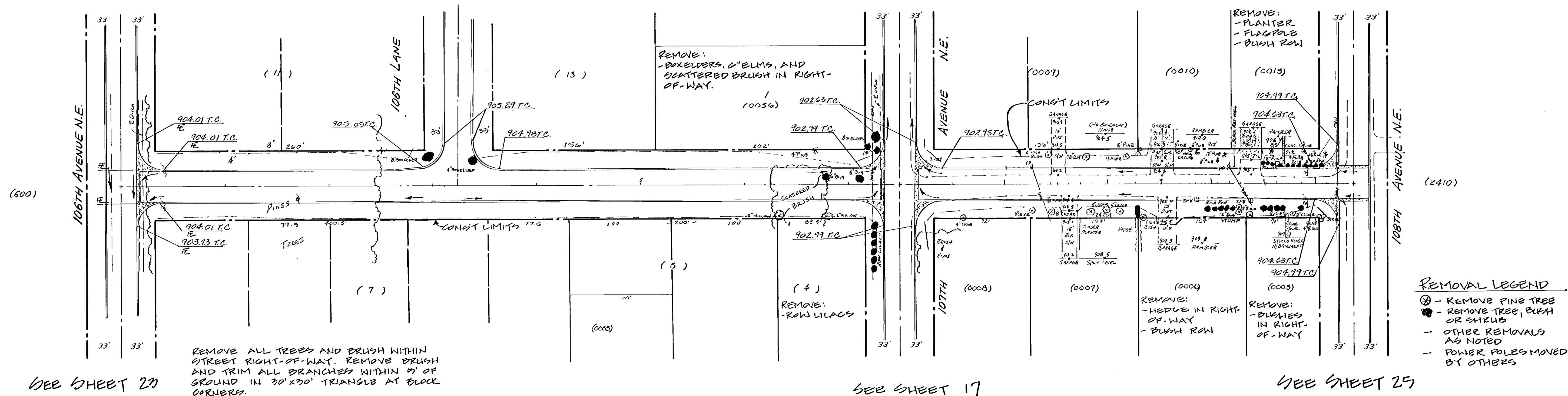
# STUTZ STREET

SEE SHEET 23

SEE SHEET 22

SEE SHEET 17

SEE SHEET 25



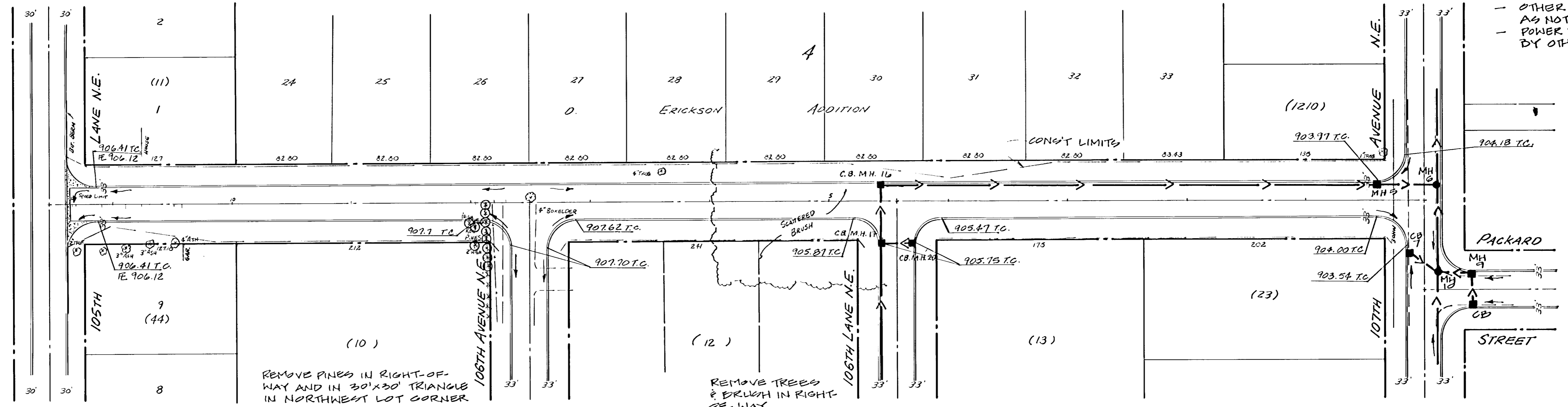
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minnesota. <i>John C. Reed</i> Date: 4/11/86 Minn. Reg. No. 14960	BRW BENNETT, RINGROSE, WOLSFELD, JARVIS, GARDNER, INC. THRESHER SQUARE, 700 THIRD ST. S., MINNEAPOLIS, MN 55415	PLANNING TRANSPORTATION ENGINEERING ARCHITECTURE	REVISIONS DESIGNED BY: <i>jel</i> CHECKED BY: <i>jel</i> DRAWN BY: <i>mf</i>	CITY OF BLAINE IMPROVEMENT PROJECT 85-B STUTZ STREET STREET & STORM DRAINAGE
		GRAPHIC SCALE 0 HORIZ 50' 0 VERT 5'	BK LOSS, PG LEAF DATE APRIL 86 SHEET _____ OF _____ SHEETS FILE NO. 11-2602-	
		FILE NO. 11-2602-		

# PACKARD STREET

SEE SHEET 16

- REMOVAL LEGEND**
- ⊙ - REMOVE PINE TREE
  - ⊗ - REMOVE TREE, BUSH OR SHRUB
  - OTHER REMOVALS AS NOTED
  - POWER POLES REMOVED BY OTHERS

**NOTES:**  
 SAWCUT EXIST. BIT.  
 REMOVE EXIST. BIT. & BERM CURB. MATCH CONCRETE GUTTER TO EXIST. STREET.

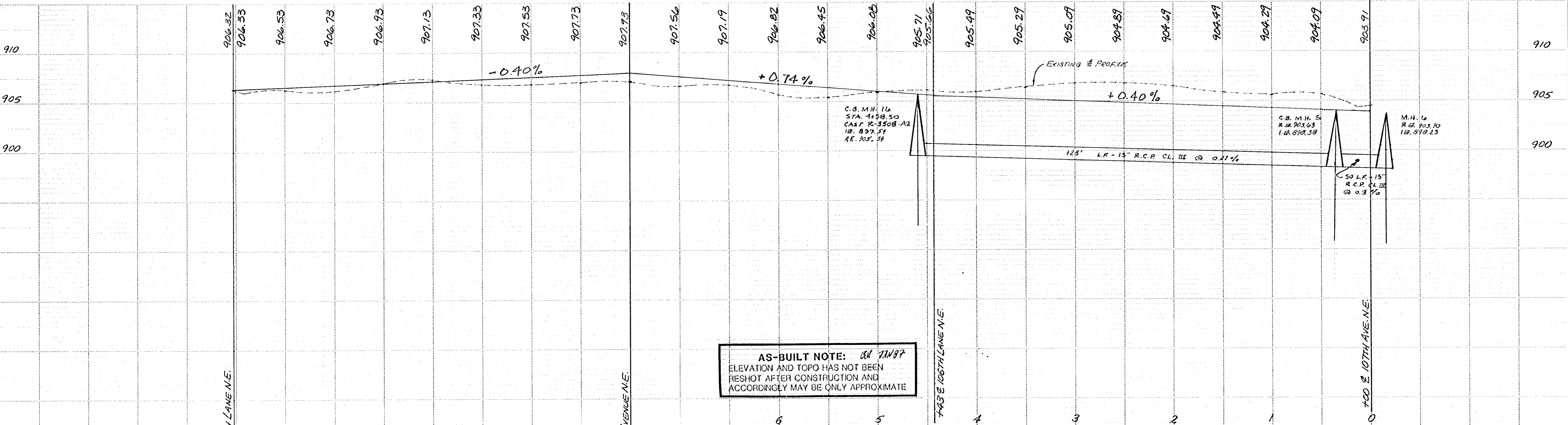


SEE SHEET 23

SEE SHEET 22

SEE SHEET 16

SEE SHEET 19



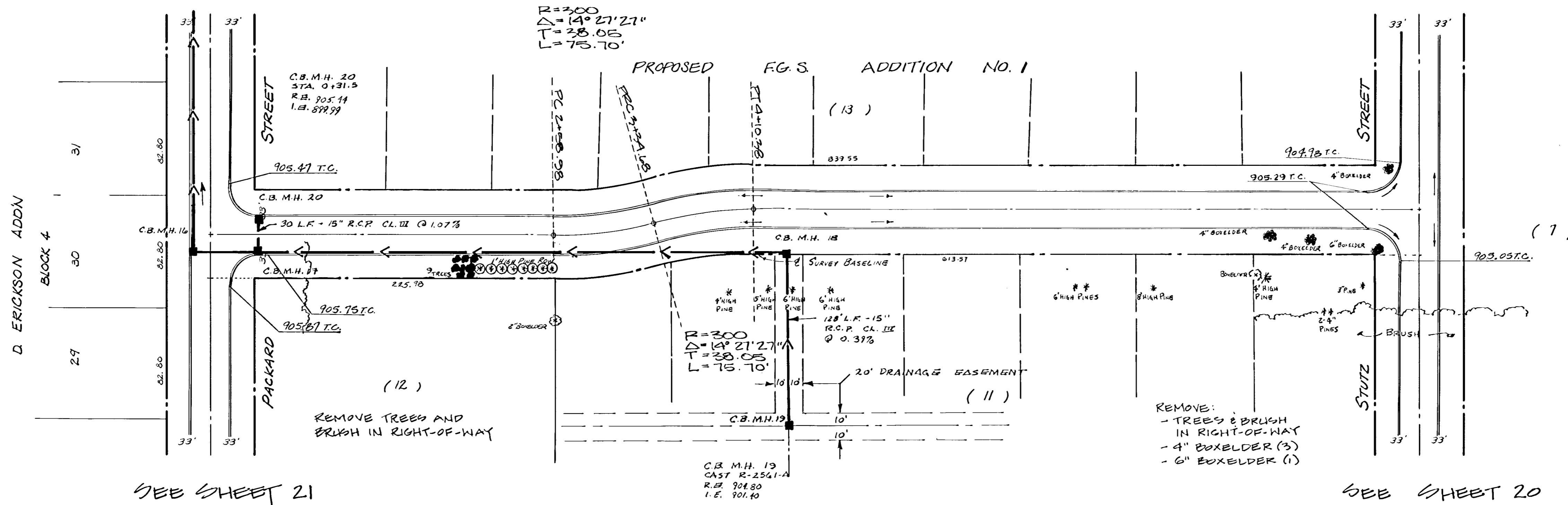
**AS-BUILT NOTE:** ON 11/18/87 ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer in the State of Minnesota. <i>John C. Ried</i> April 26, 1986	IBRW BENNETT, HINGROSE, WOLFFELD, JARVIS, GARDNER, INC. THRESHIER SQUARE 700 THIRD ST. S. MINNEAPOLIS, MN 55415	REVISIONS 8-26-86-570394	DESIGNED BY jeb	CITY OF BLAINE IMPROVEMENT PROJECT 85-8 PACKARD STREET STREET & STORM DRAINAGE
		GRAPHIC SCALE 1" = 20' 1" = 5'	CHECKED BY jeb	

# 106TH LANE

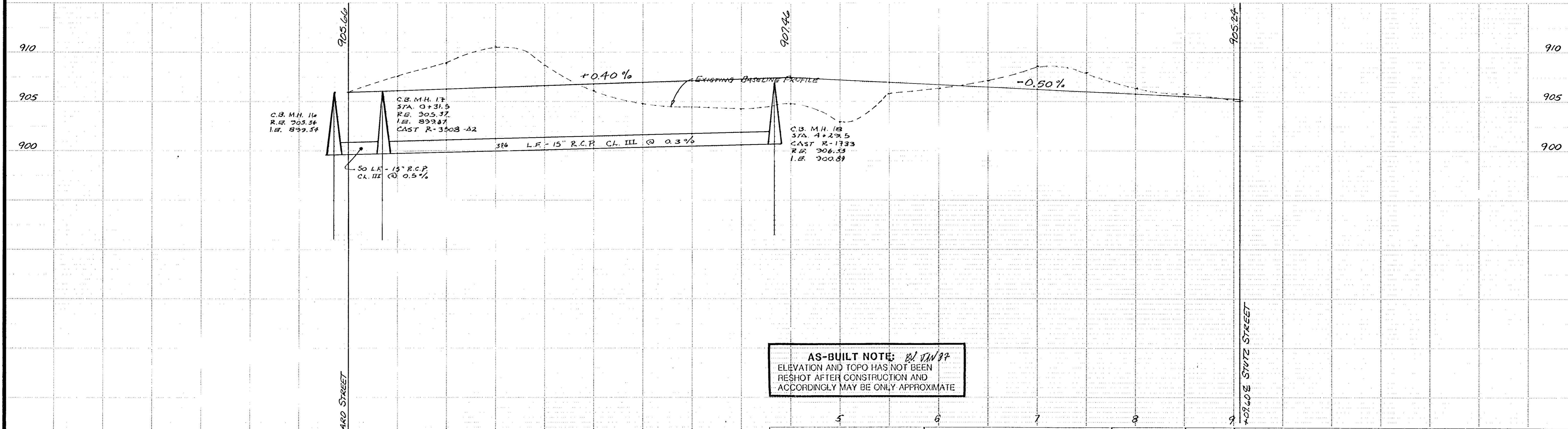
SEE SHEET 21

SEE SHEET 20



SEE SHEET 21

SEE SHEET 20



AS-BUILT NOTE: ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer in the State of Minnesota. Date: 4/21/86 Minn. Reg. No. 14960 	BENNETT, RINGROSE, WOLFSFELD, JARVIS, GARDNER, INC. ARCHITECTURE THRESHIER SQUARE, 700 THIRD ST. S., MINNEAPOLIS, MN 55415	REVISIONS 8-24-86-STORM	DESIGNED BY jeb	CITY OF BLAINE IMPROVEMENT PROJECT 84-22 106TH LANE STREET & STORM DRAINAGE
		GRAPHIC SCALE 0' HORIZ 50' 0' VERT 5'	CHECKED BY jeb	

REMOVAL LEGEND

- ⊗ - REMOVE PINE TREE
- ⊙ - REMOVE TREE, BUSH OR SHRUB
- OTHER REMOVALS AS NOTED.
- POWER POLES MOVED BY OTHERS

106TH AVENUE N.E.

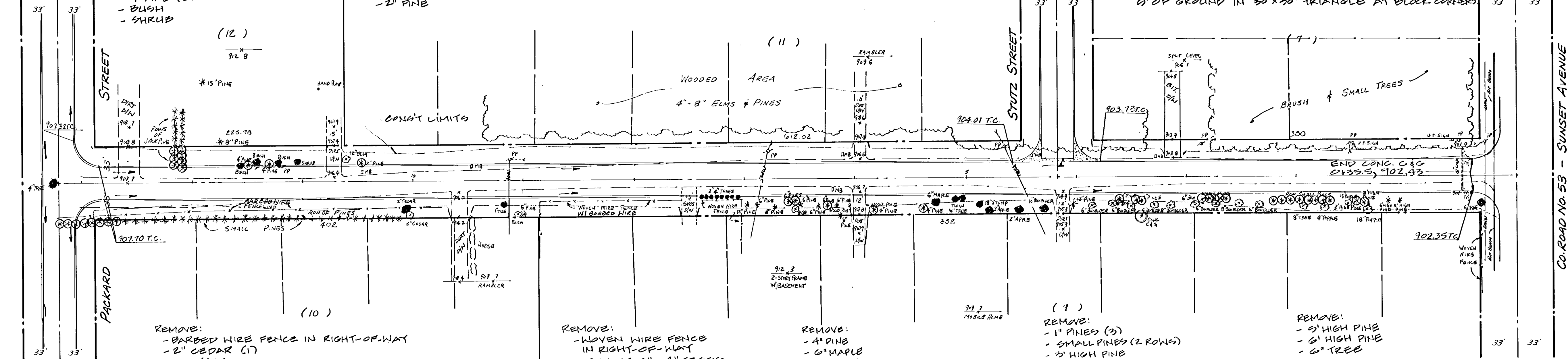
SEE SHEET 21

SEE SHEET 20

- REMOVE:
- 4" TREE
  - JACK PINES IN RIGHT-OF-WAY
  - BIRCH TREE (2)
  - 4" PINE (2)
  - BUSH
  - SHRUB

- REMOVE:
- 2" PINE

REMOVE BRUSH AND SMALL TREES IN RIGHT-OF-WAY.  
REMOVE BRUSH AND TRIM ALL BRANCHES WITHIN  
6' OF GROUND IN 30'x30' TRIANGLE AT BLOCK CORNERS.



- REMOVE:
- BARBED WIRE FENCE IN RIGHT-OF-WAY
  - 2" CEDAR (1)
  - 1" TREE
  - ROW OF SMALL PINES IN RIGHT-OF-WAY AND IN 30'x30' TRIANGLE IN N.W. CORNER LOT.

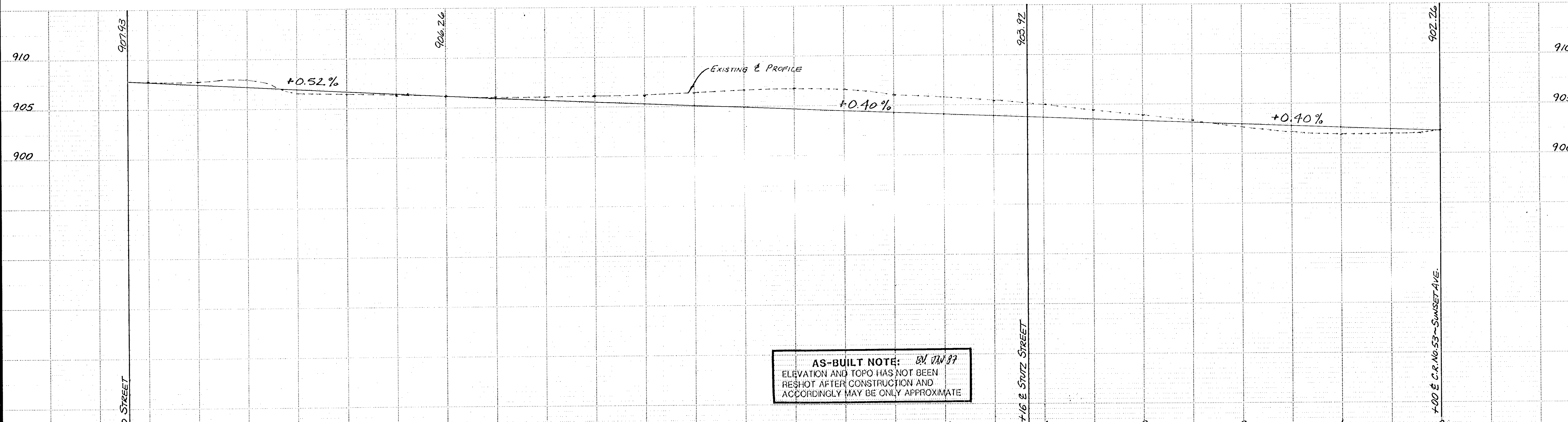
- REMOVE:
- WOVEN WIRE FENCE IN RIGHT-OF-WAY
  - ROW OF 3"-4" TREES
  - 6" PINES (2)
  - 8" PINE
  - 4" PINE

- REMOVE:
- 4" PINE
  - 6" MAPLE
  - TWIN 10" TREE
  - 18" STUMP
  - 5" APPLE
  - 2" APPLE
  - 10" BOXELDER

- REMOVE:
- 1" PINES (3)
  - SMALL PINES (2 ROWS)
  - 5' HIGH PINE
  - 2' HIGH PINE

- REMOVE:
- 5' HIGH PINE
  - 6' HIGH PINE
  - 6" TREE

SEE SHEET 21



AS-BUILT NOTE: BY JAN 87  
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*John E. Burk*  
Date: 4/21/80 Minn. Reg. No. 14960

**BRW**  
BENNETT, RINGROSE, WOLSFELD, JARVIS, GARDNER, INC.  
THRESHER SQUARE 700 THIRD ST. S., MINNEAPOLIS, MN 55415

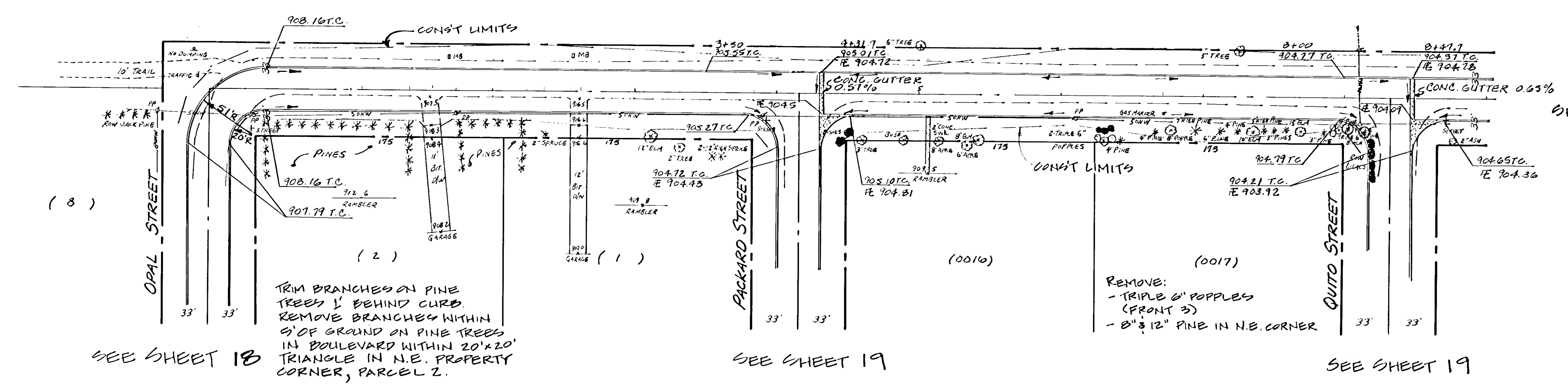
DESIGNED BY	gjb
CHECKED BY	gjb
DRAWN BY	mt
REVISIONS	
GRAPHIC SCALE	
HORIZ	50'
VERT	5'

**CITY OF BLAINE**  
IMPROVEMENT PROJECT 85-8  
106TH AVENUE N.E.  
STREET & STORM DRAINAGE

BK LOOSE PG LEAF DATE APRIL 80 SHEET OF SHEETS FILE NO 11-8602

# 108TH AVENUE N.E.

( 24 )



SEE SHEET 25

- REMOVAL LEGEND**
- ⊗ - REMOVE PINE TREE
  - - REMOVE TREE, SHRUB OR BUSH
  - OTHER REMOVALS AS NOTED
  - POWER POLES MOVED BY OTHERS

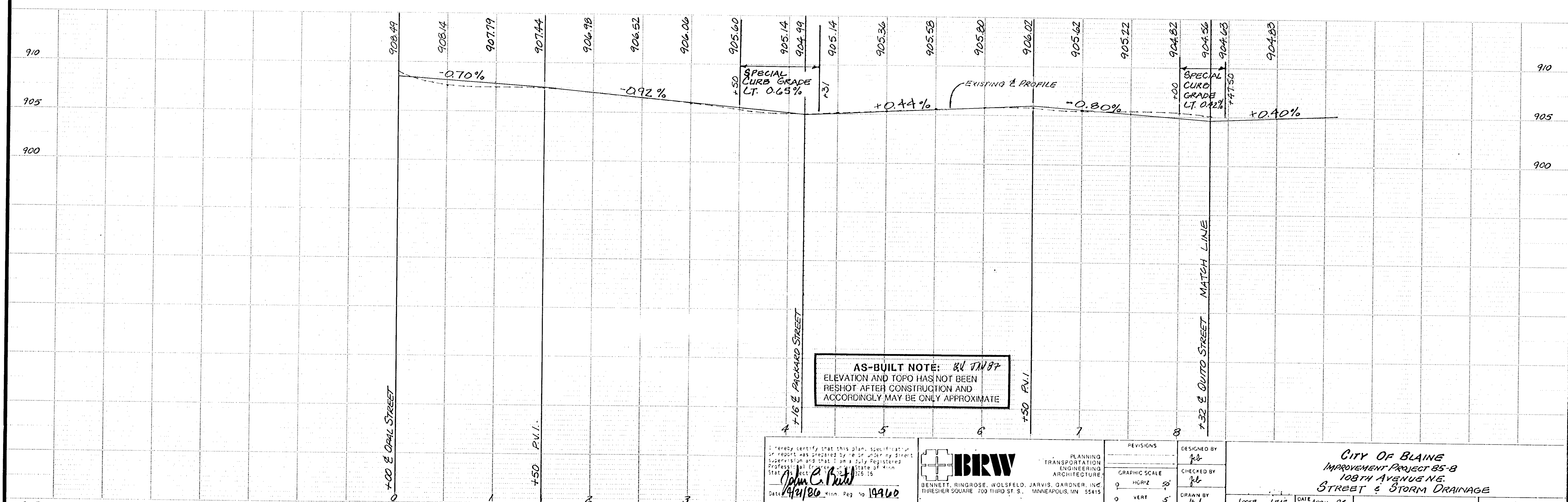
( 8 )

SEE SHEET 18

TRIM BRANCHES ON PINE TREES 1' BEHIND CURB. REMOVE BRANCHES WITHIN 5' OF GROUND ON PINE TREES IN BOULEVARD WITHIN 20'x20' TRIANGLE IN N.E. PROPERTY CORNER, PARCEL 2.

SEE SHEET 19

SEE SHEET 19



**AS-BUILT NOTE:** ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer in the State of Minnesota.  
 Date: 4/21/86  
 John C. Pelt  
 Minn. Reg. No. 19960

**BRW**  
 BENNETT, RINGROSE, WOLSFELD, JARVIS, GARDNER, INC.  
 THRESHOLD SQUARE 700 THIRD ST. S., MINNEAPOLIS, MN 55415

REVISIONS		DESIGNED BY
1	GRAPHIC SCALE	feb
2	HORIZ 50'	feb
3	VERT 5'	feb

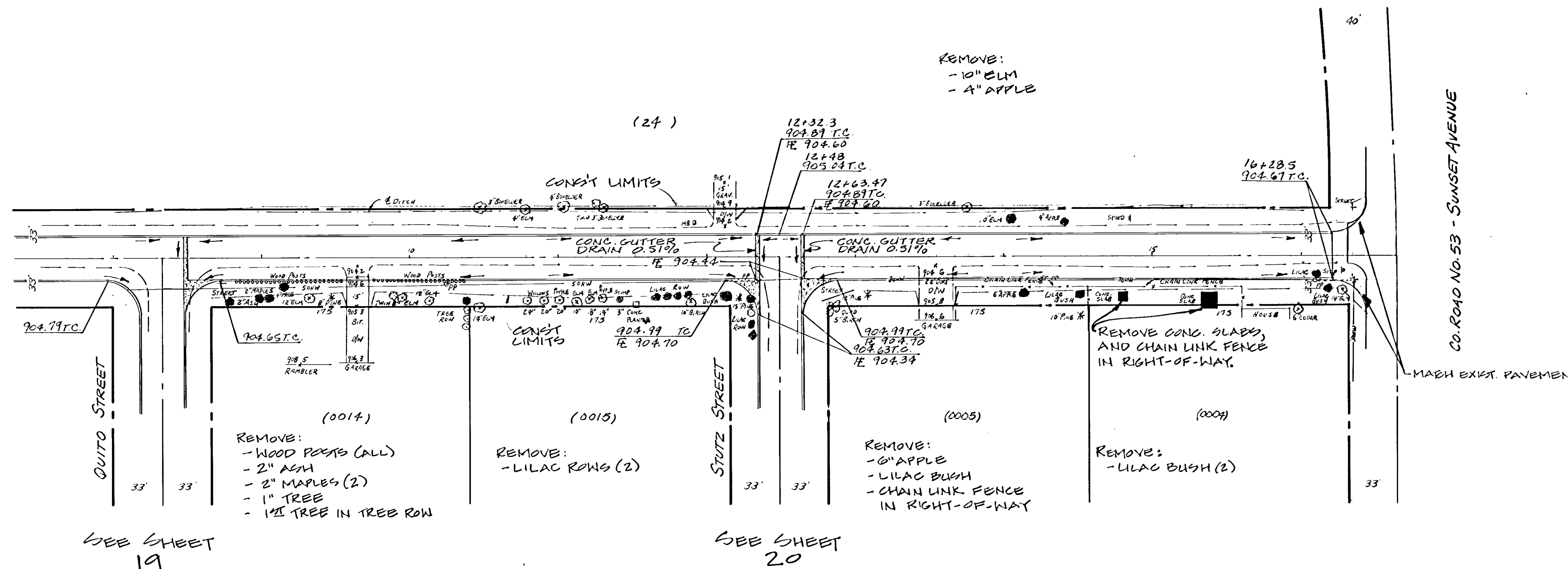
**CITY OF BLAINE**  
 IMPROVEMENT PROJECT 85-B  
 108TH AVENUE N.E.  
 STREET & STORM DRAINAGE

DATE: APRIL, 86 SHEET: \_\_\_\_\_ OF \_\_\_\_\_ SHEETS FILE NO: 11-2602



# 108TH AVENUE N.E.

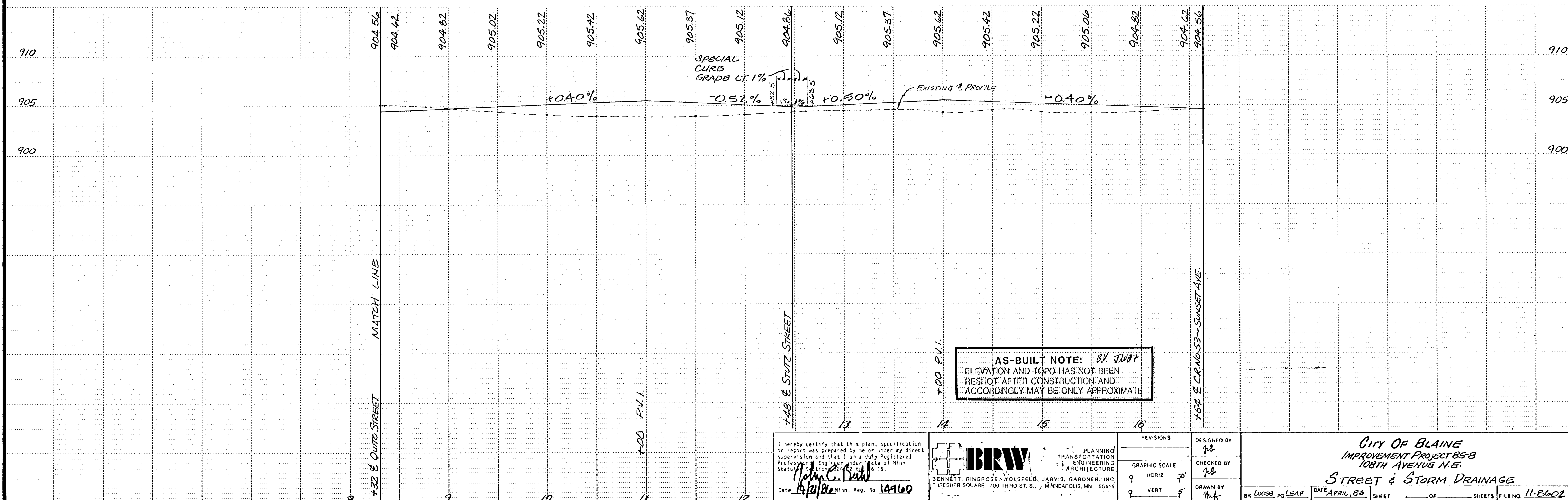
SEE SHEET 24



- REMOVAL LEGEND**
- ⊗ - REMOVE PINE TREE
  - - REMOVE TREE, SHRUB, OR BRUSH
  - OTHER REMOVALS AS NOTED
  - POWER POLES MOVED BY OTHERS

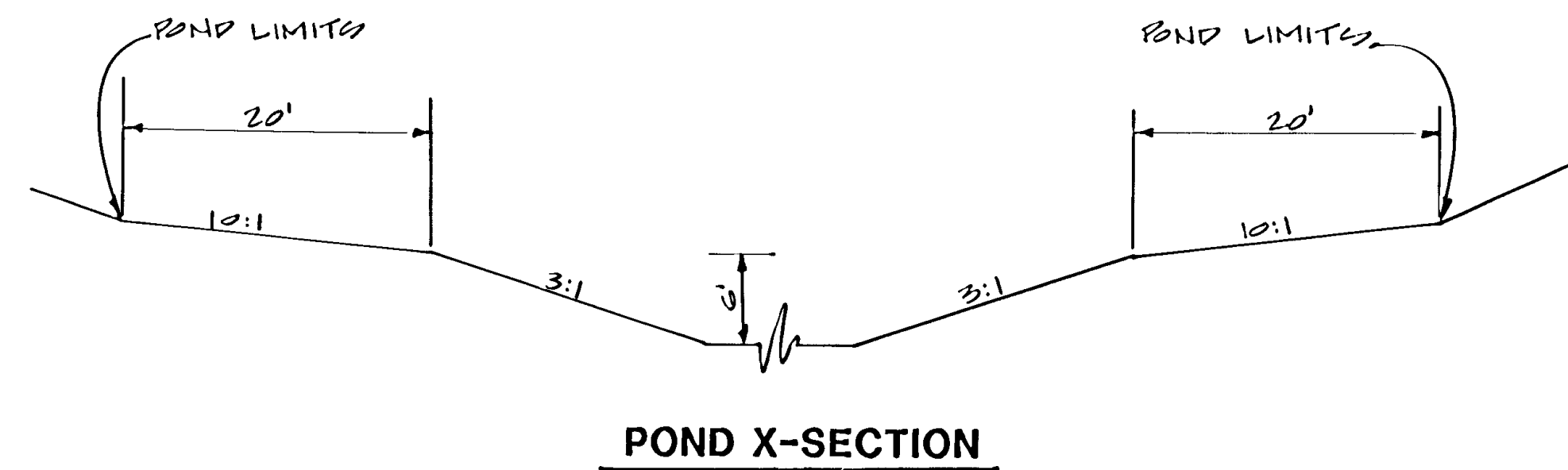
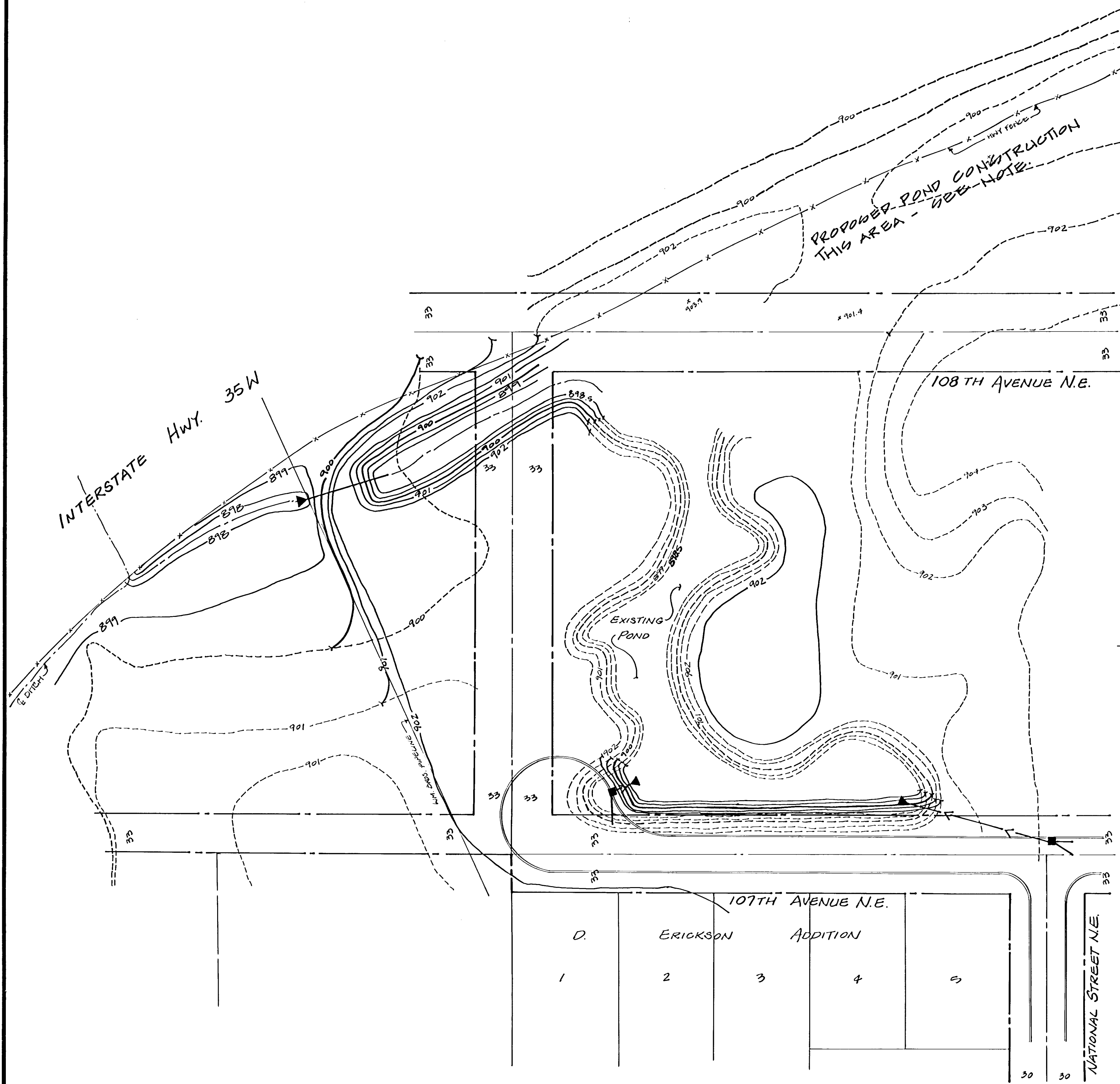
SEE SHEET 19

SEE SHEET 20



**AS-BUILT NOTE:** BY JWB  
ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minnesota. <i>John C. Smith</i> Date: 4/21/86 Minn. Reg. No. 149160	BENNETT, RINGROSE, WOLSFELD, JARVIS, GARDNER, INC. ARCHITECTURE THRESHER SQUARE 700 THIRD ST. S., MINNEAPOLIS, MN 55415	REVISIONS _____	DESIGNED BY jeb	CITY OF BLAINE IMPROVEMENT PROJECT 85-B 108TH AVENUE N.E. STREET & STORM DRAINAGE DATE: APRIL, 86 SHEET _____ OF _____ SHEETS FILE NO. 11-8602
		GRAPHIC SCALE HORIZ 50' VERT 5'	CHECKED BY jeb	
		DRAWN BY jeb	BK. LOOSE PG. LEAF	



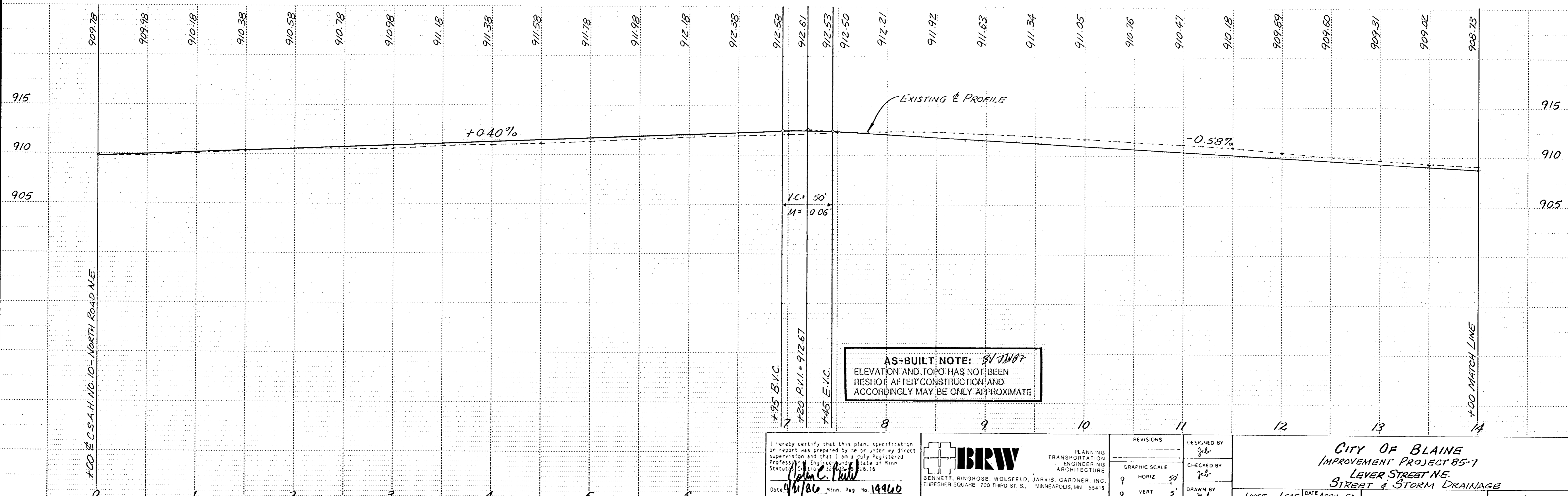
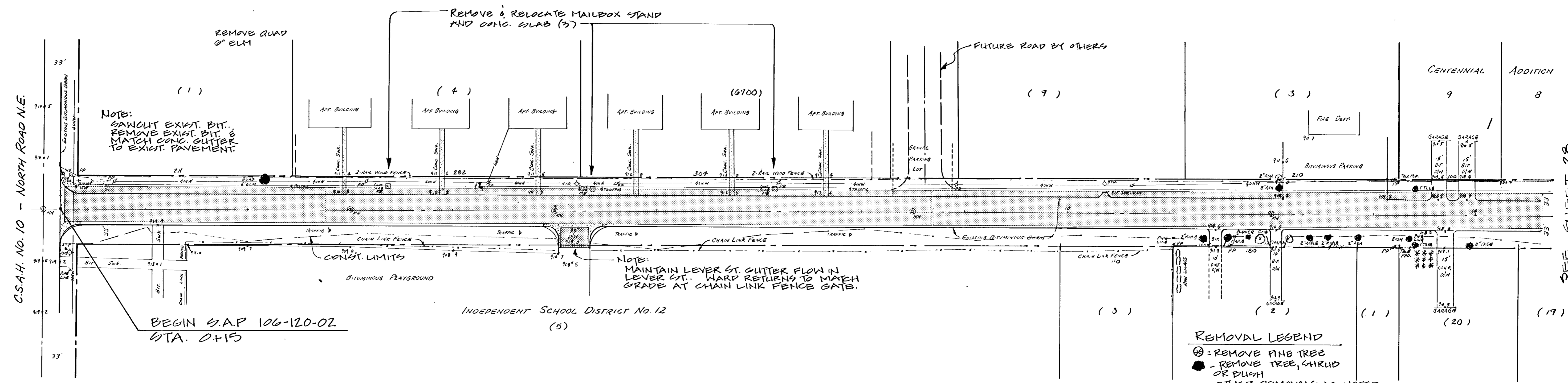
NOTE:  
LIMITS OF PROPOSED POND CONSTRUCTION WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

**AS-BUILT NOTE:** *BTW/ST*  
ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16. <i>John C. Held</i> Date <i>1-21-80</i> Minn. Reg. No. <i>14960</i>	BRW <small>Barnett, Ringoak, Wolfeld, Jarvis, Gardner 812-310-0709 Minneapolis, Minnesota</small>	ORIGINAL DATE: <i>4-80</i> REVISIONS:	CITY OF BLAINE IMPROVEMENT PROJECT 85-8  POND CONSTRUCTION
		DESIGN BY: DRAWN BY: <i>CFEM</i>	
S.A.P. NO. 106-120-02		SHEET 26 OF 48	DESIGN FILE No. 11-8802

# LEVER STREET N.E.

REMOVE CONC. SIDEWALKS TO ACCOMMODATE PROPOSED STREET (6)



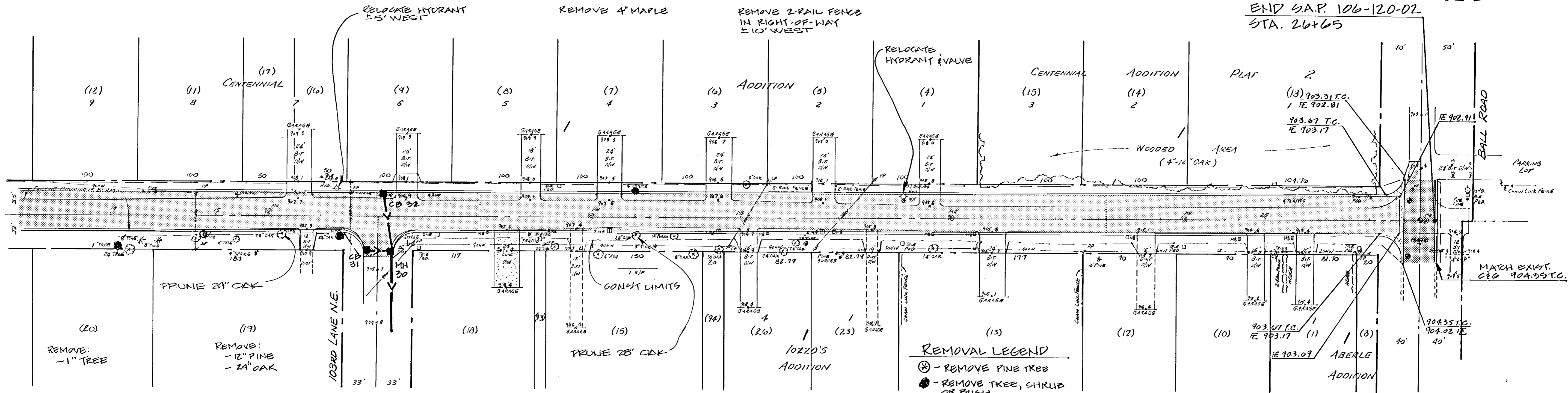
**AS-BUILT NOTE:** BY JWB  
ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes, Article 32, Section 126.16. <i>John C. Paul</i> Date: 4/1/86 Minn. Reg. No. 14960	 BENNETT, RINGROSE, WOLSFELD, JARVIS, GARDNER, INC. THRESHER SQUARE 700 THIRD ST. S. MINNEAPOLIS, MN 55415	PLANNING TRANSPORTATION ENGINEERING ARCHITECTURE	DESIGNED BY JWB	CITY OF BLAINE IMPROVEMENT PROJECT 85-7 LEVER STREET N.E. STREET & STORM DRAINAGE
		GRAPHIC SCALE 0 HORIZ 50' 0 VERT 5'	CHECKED BY JWB	
State Proj. No. 106-120-02		SHEET No. 27 of 48 Sheets		

SEE SHEET 28

# LEVER STREET N.E.

END S.A.P. 106-120-02  
STA. 26+65

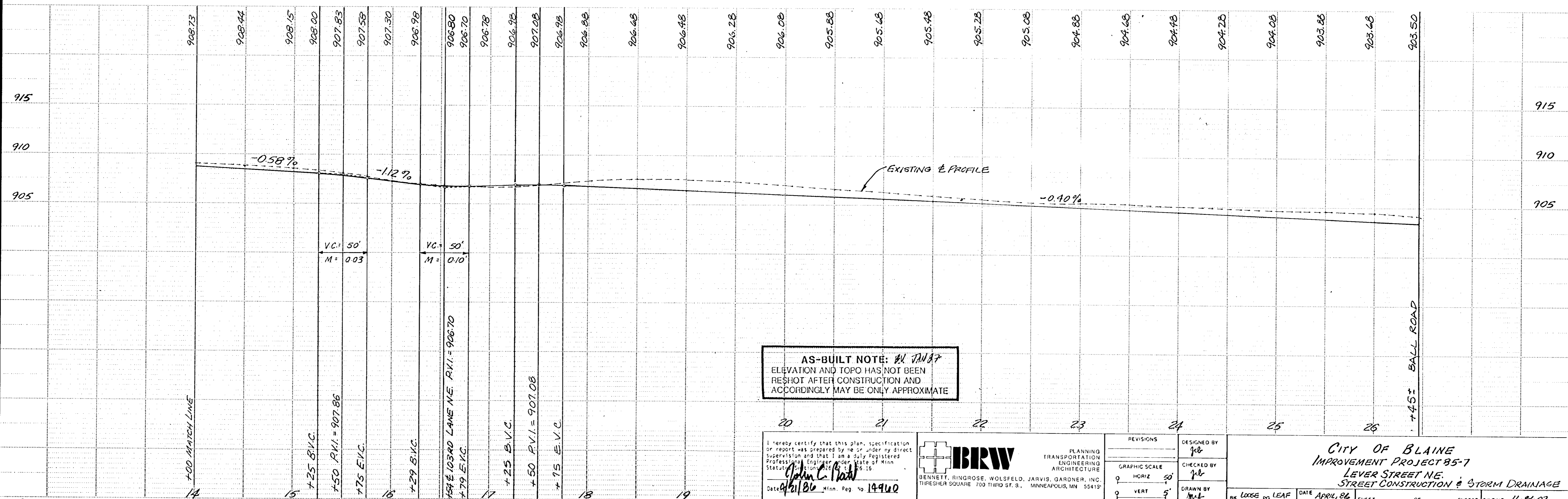


SEE SHEET 27

SEE SHEET

- REMOVAL LEGEND**
- ⊗ - REMOVE PINE TREE
  - - REMOVE TREE, SHRUB OR BUSH
  - OTHER REMOVALS AS NOTED
  - POWER POLES MOVED BY OTHERS.

NOTE: ADJUST EXISTING MANHOLES THIS SHEET + 5



**AS-BUILT NOTE: ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE**

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under State of Minn. Statute, Chapter 322, Section 26.15.  
*John C. Poth*  
Date: 4/21/86 Minn. Reg. No. 14940

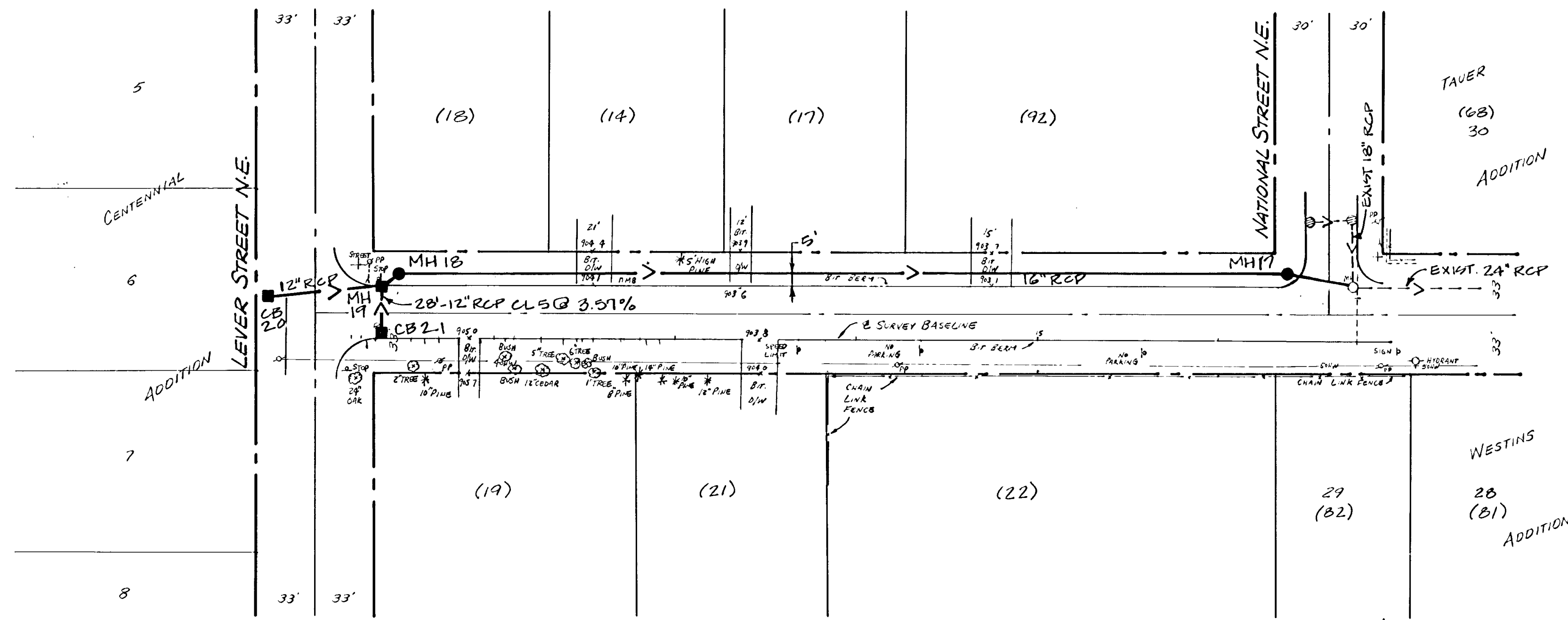
**BRW**  
BENNETT, RINGROSE, WOLSFELD, JARVIS, GARDNER, INC.  
THRESHER SQUARE 700 THIRD ST. S., MINNEAPOLIS, MN 55415

REVISIONS		DESIGNED BY
0	HORIZ 50'	YCB
0	VERT 5'	YCB
DRAWN BY		M.F.

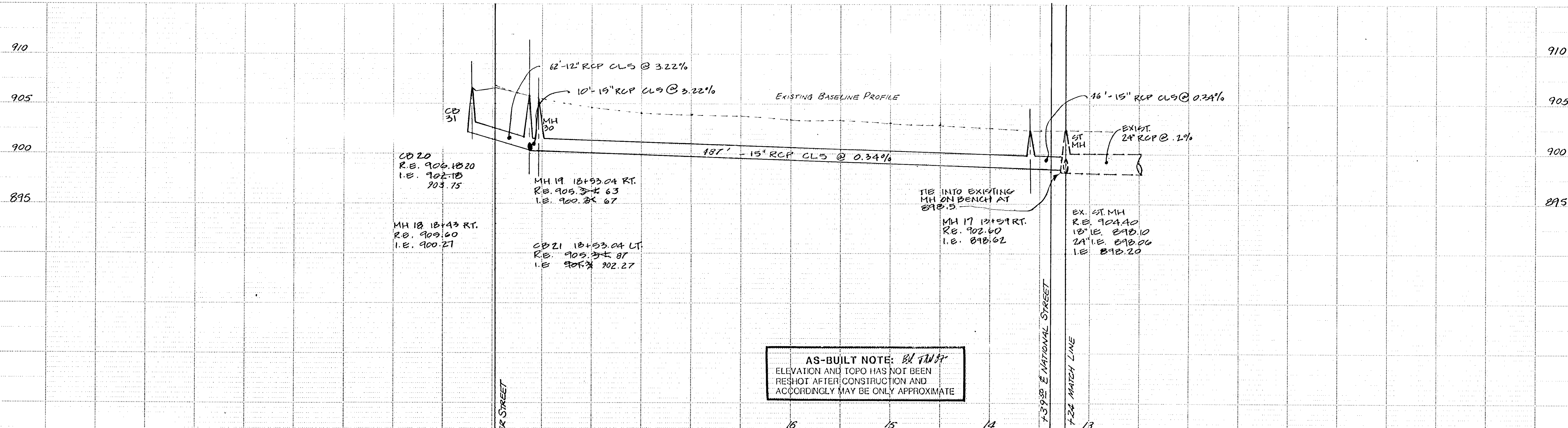
**CITY OF BLAINE**  
IMPROVEMENT PROJECT 85-7  
LEVER STREET N.E.  
STREET CONSTRUCTION & STORM DRAINAGE

DATE: APRIL, 86 SHEET: OF SHEETS FILE NO. 11-8602

# 103RD LANE N.E.

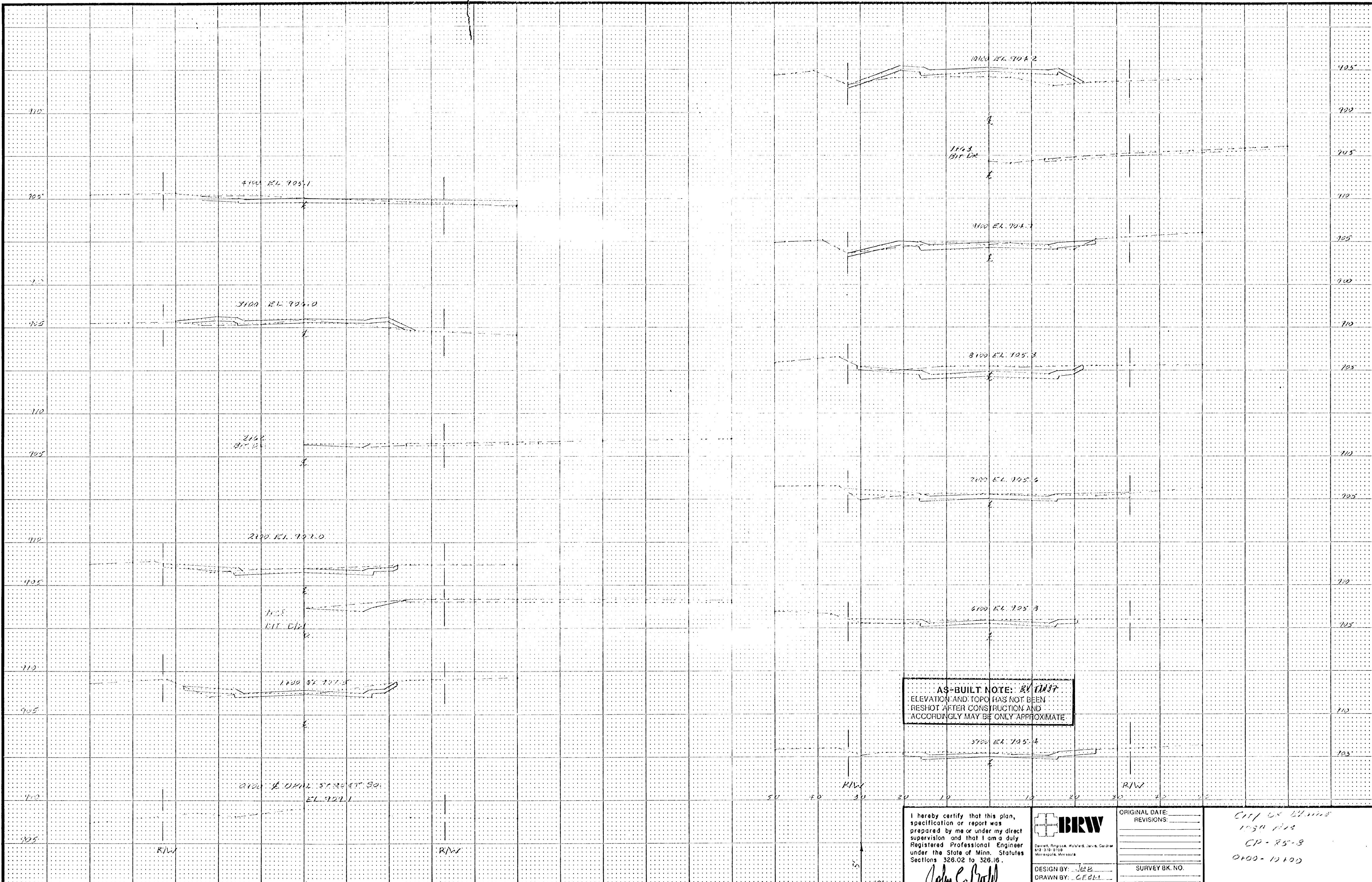


SEE SHEET



**AS-BUILT NOTE:** *BL TANSF*  
 ELEVATION AND TOPO HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
 ACCORDINGLY MAY BE ONLY APPROXIMATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minnesota, License No. 35600, dated 12/15/15. <i>John E. Dind</i> Date: 4/21/86 Minn. Reg. No. 44960	BENNETT, RINGROSE, WOLSFELD, JARVIS, GARDNER, INC. THRESHER SQUARE 700 THIRD ST. S., MINNEAPOLIS, MN 55415	REVISIONS _____ _____ _____	DESIGNED BY <i>JB</i>	CITY OF BLAINE IMPROVEMENT PROJECT 85-8 103RD LANE N.E. STORM DRAINAGE
		GRAPHIC SCALE 0 HORIZ 50' 0 VERT 5'	CHECKED BY <i>JB</i>	
State Proj. No. 106-120-02		SHEET 29 OF 48 SHEETS FILE NO. 11-8602		



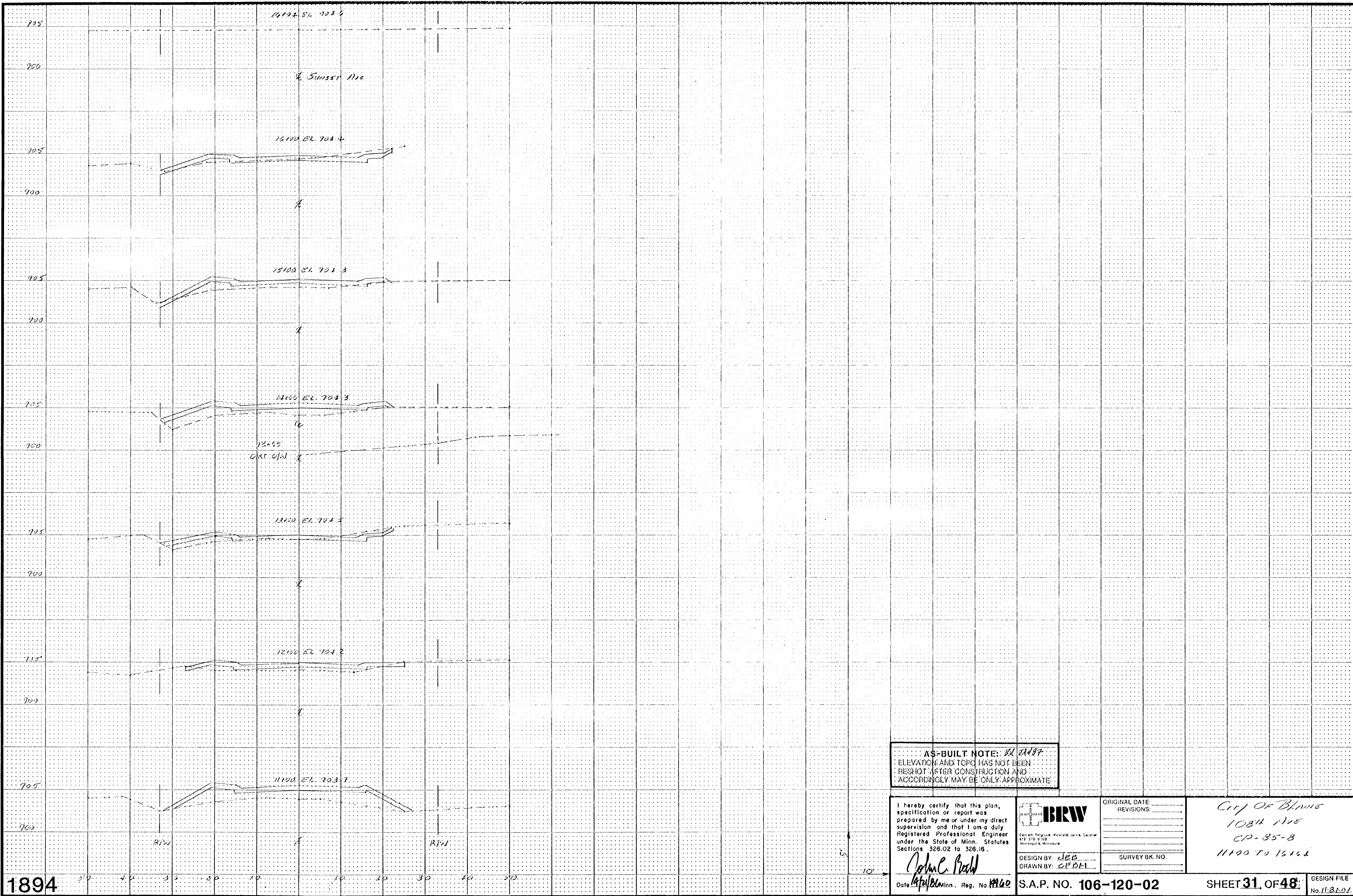
**AS-BUILT NOTE:** BY *11/27*  
 ELEVATION AND TOPO HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
 ACCORDINGLY MAY BE ONLY APPROXIMATE.

I hereby certify that this plan,  
 specification or report was  
 prepared by me or under my direct  
 supervision and that I am a duly  
 Registered Professional Engineer  
 under the State of Minn. Statutes  
 Sections 328.02 to 328.16.  
*John C. Prall*  
 Date *11/27* Minn. Reg. No. *4462*

**BRW**  
 Design, Planning, M&E, Survey, Civil  
 612-310-0700  
 Minneapolis, Minnesota  
 DESIGN BY: *JEB*  
 DRAWN BY: *CEH*

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

*CITY OF BLAINE*  
*115th St*  
*CP-85-3*  
*0100-10100*



AS-BUILT NOTE: ELEVATION AND TOPG HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16.

*John E. Probst*  
 Date: 10/16/60 Minn. Reg. No. 19460

**BRW**  
 Robert, Burgess, Woodard, Jarvis, Gardner  
 412 310 0100  
 Minneapolis, Minnesota

DESIGN BY: JEB  
 DRAWN BY: CEBM

ORIGINAL DATE:	_____
REVISIONS:	_____
SURVEY BK. NO.	_____

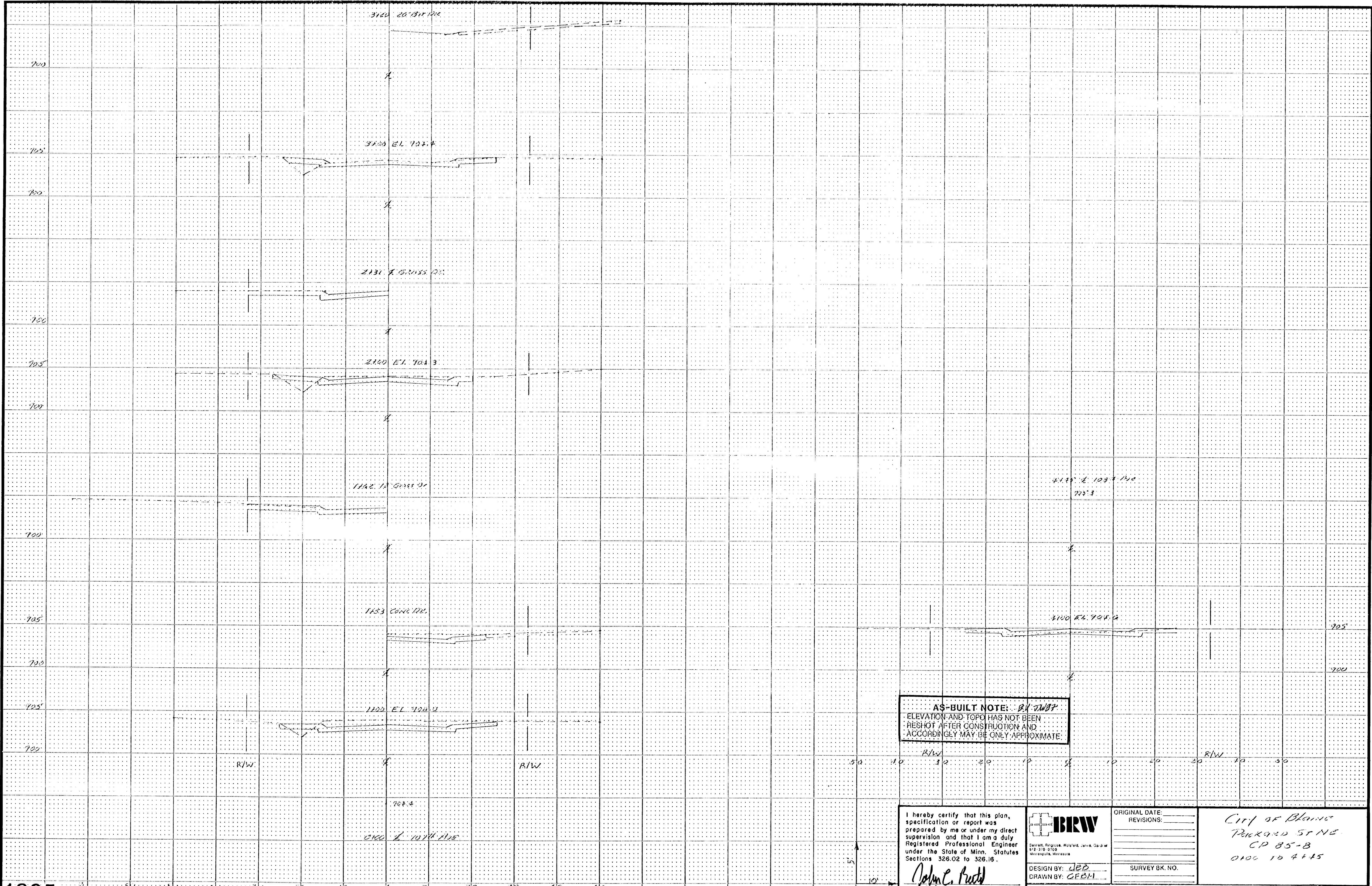
CITY OF BLAINE  
 108th AVE  
 CP-85-8  
 11100 TO 15100

1894

S.A.P. NO. 106-120-02

SHEET 31 OF 48

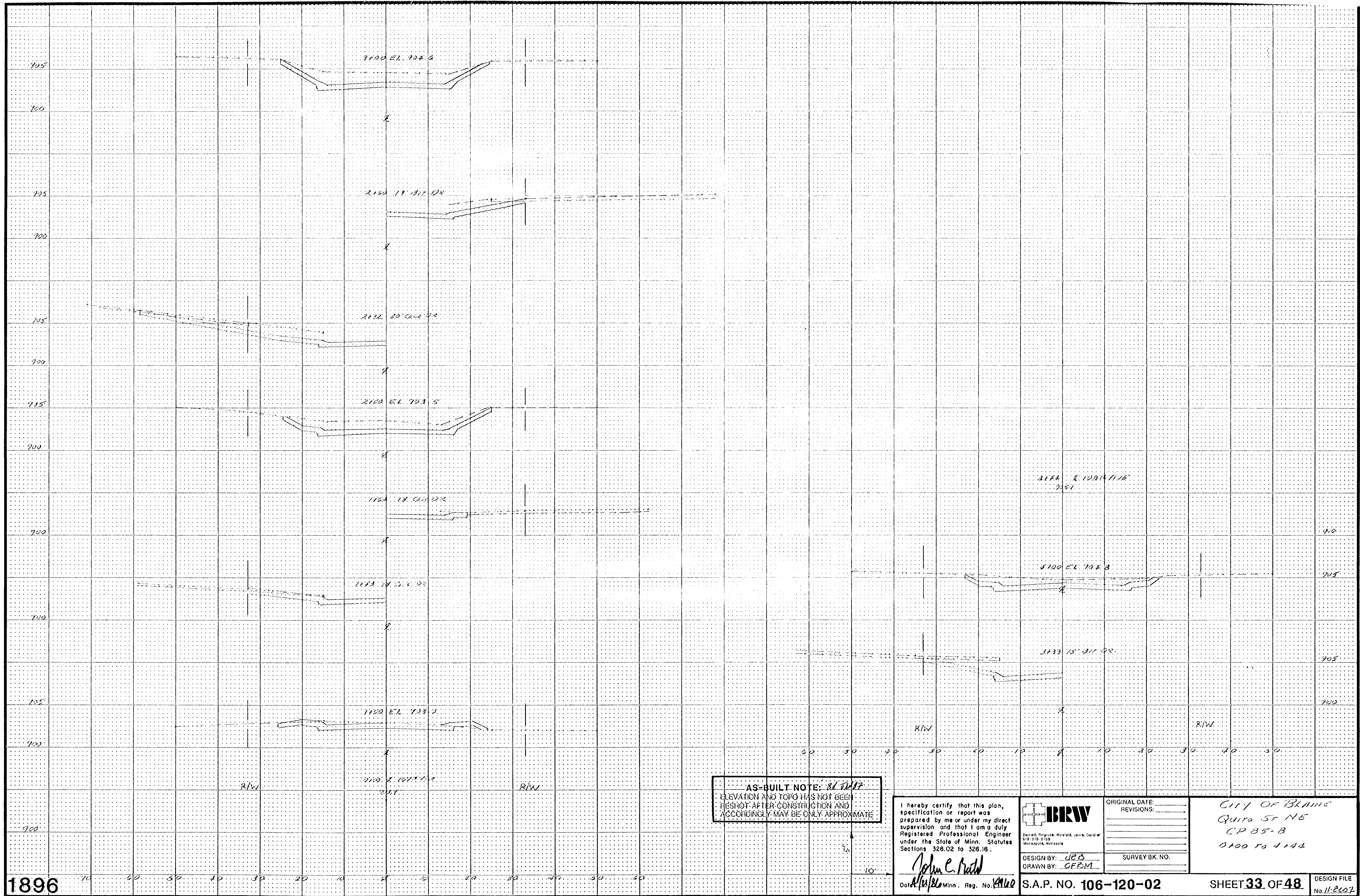
DESIGN FILE No. 11-2-60



**AS-BUILT NOTE: B.V. DWBP**  
 ELEVATION AND TOPO HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
 ACCORDINGLY MAY BE ONLY APPROXIMATE.

R/W 50 10 30 20 10 10 20 30 10 30  
 10' 10' 20' 30' 10' 30'





1896

AS-BUILT NOTE: ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16.  
*John C. Field*  
 Date *1/28/80* Minn. Reg. No. *14162*



DESIGN BY: *JEB*  
 DRAWN BY: *CFBM*

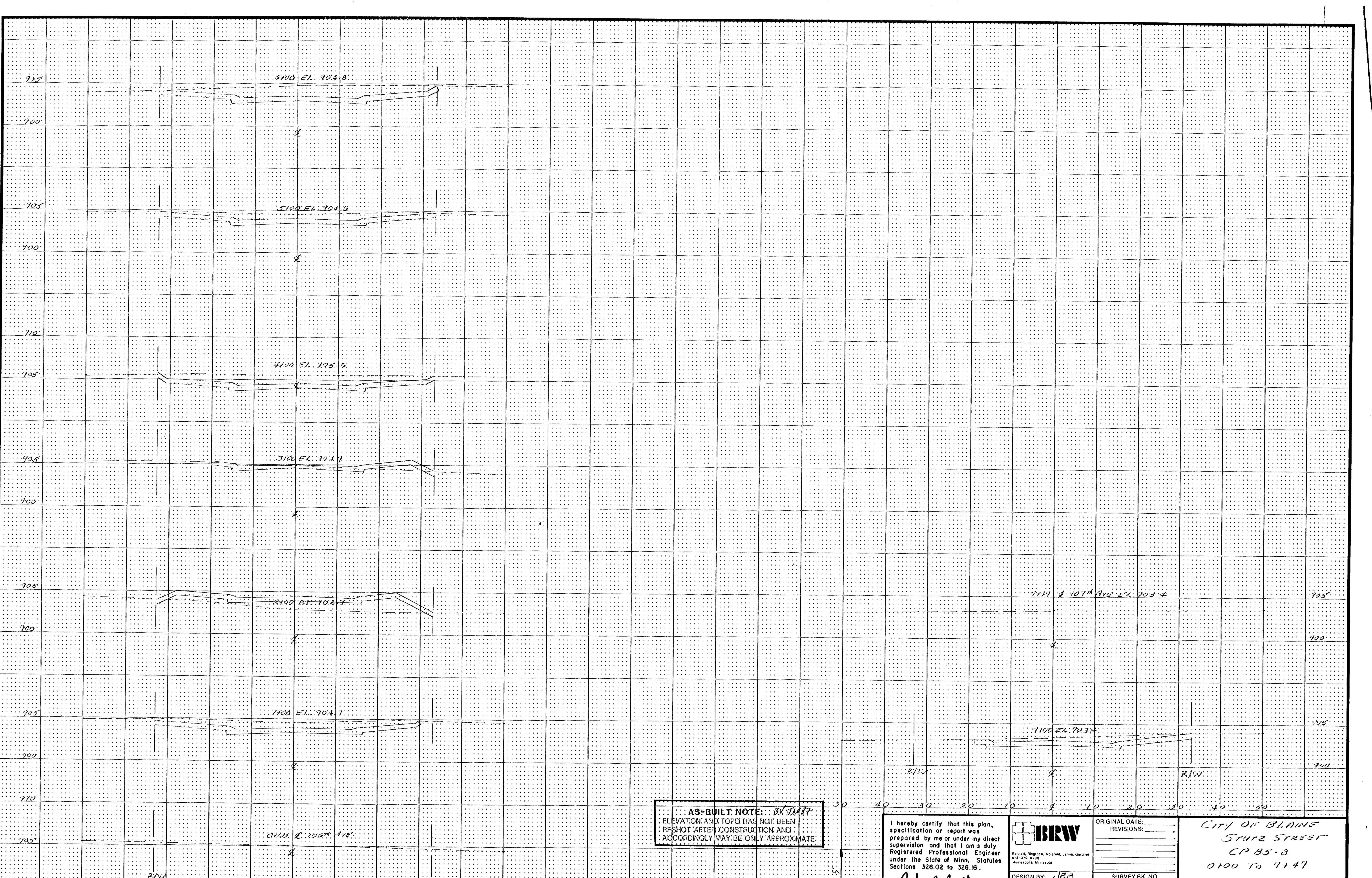
ORIGINAL DATE: _____
REVISIONS: _____
SURVEY BK. NO. _____

CITY OF BLAINE  
 QUINN ST NE  
 CP 85-8  
 0100 TO 1144

S.A.P. NO. 106-120-02

SHEET 33 OF 48

DESIGN FILE No. 11-2602



AS-BUILT NOTE: *BL STAFF*  
 ELEVATION AND TOPG HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
 ACCORDINGLY MAY BE ONLY APPROXIMATE.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16.

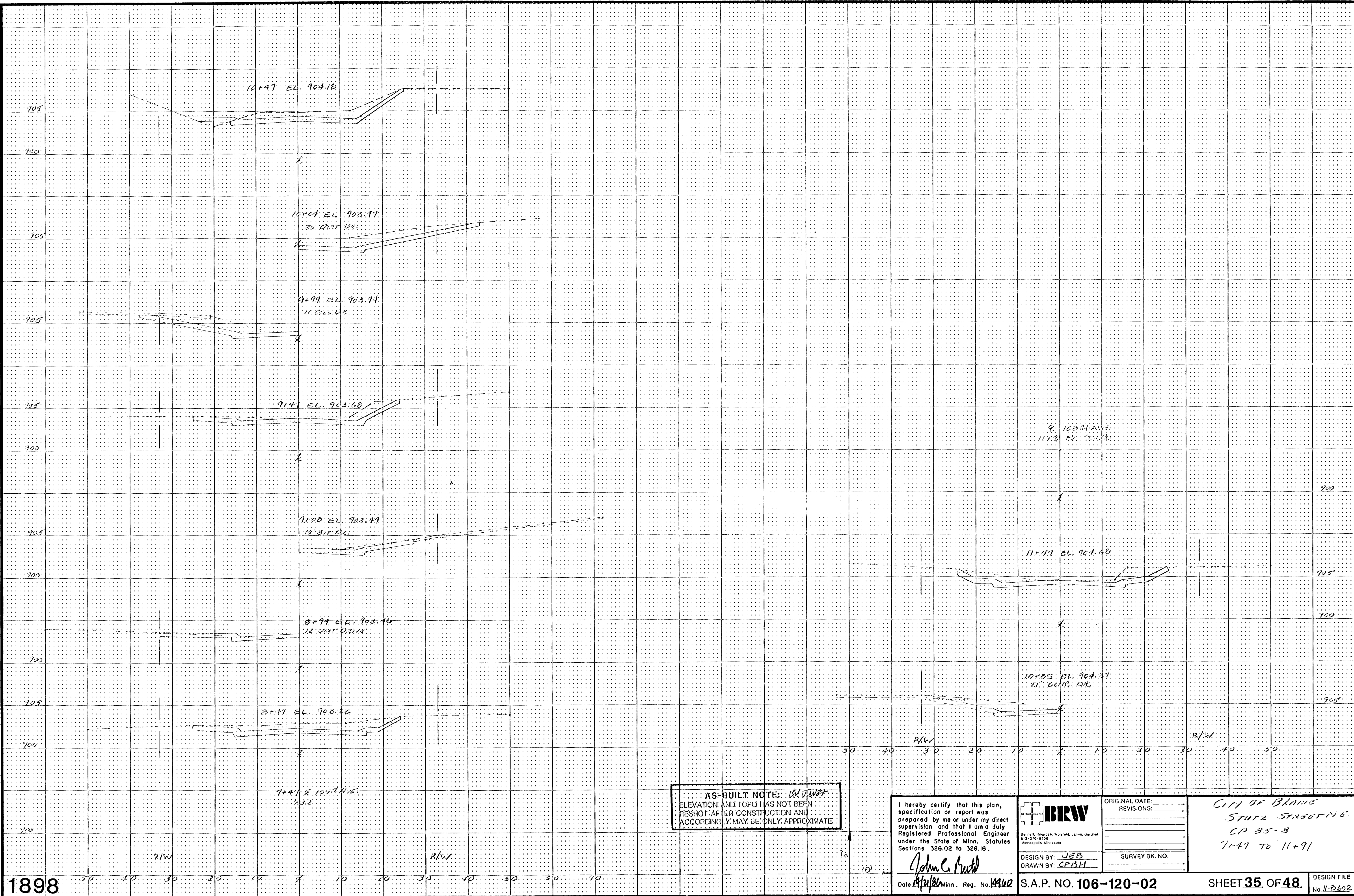
*John C. Reed*  
 Date: *1/21/86* Minn. Reg. No. *19962*

**BRW**  
 Bennett, Ringosa, Wolfeld, Jarvis, Gardner  
 612-376-0700  
 Minneapolis, Minnesota

DESIGN BY: *JEB*  
 DRAWN BY: *CFEM*

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

CITY OF BLAINE  
 STUTZ STREET  
 CP 85-8  
 0+00 TO 7+47



AS-BUILT NOTE: *See DWG.*  
 ELEVATION AND TOPG HAS NOT BEEN  
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 Registered Professional Engineer  
 under the State of Minn. Statutes  
 Sections 326.02 to 326.16.

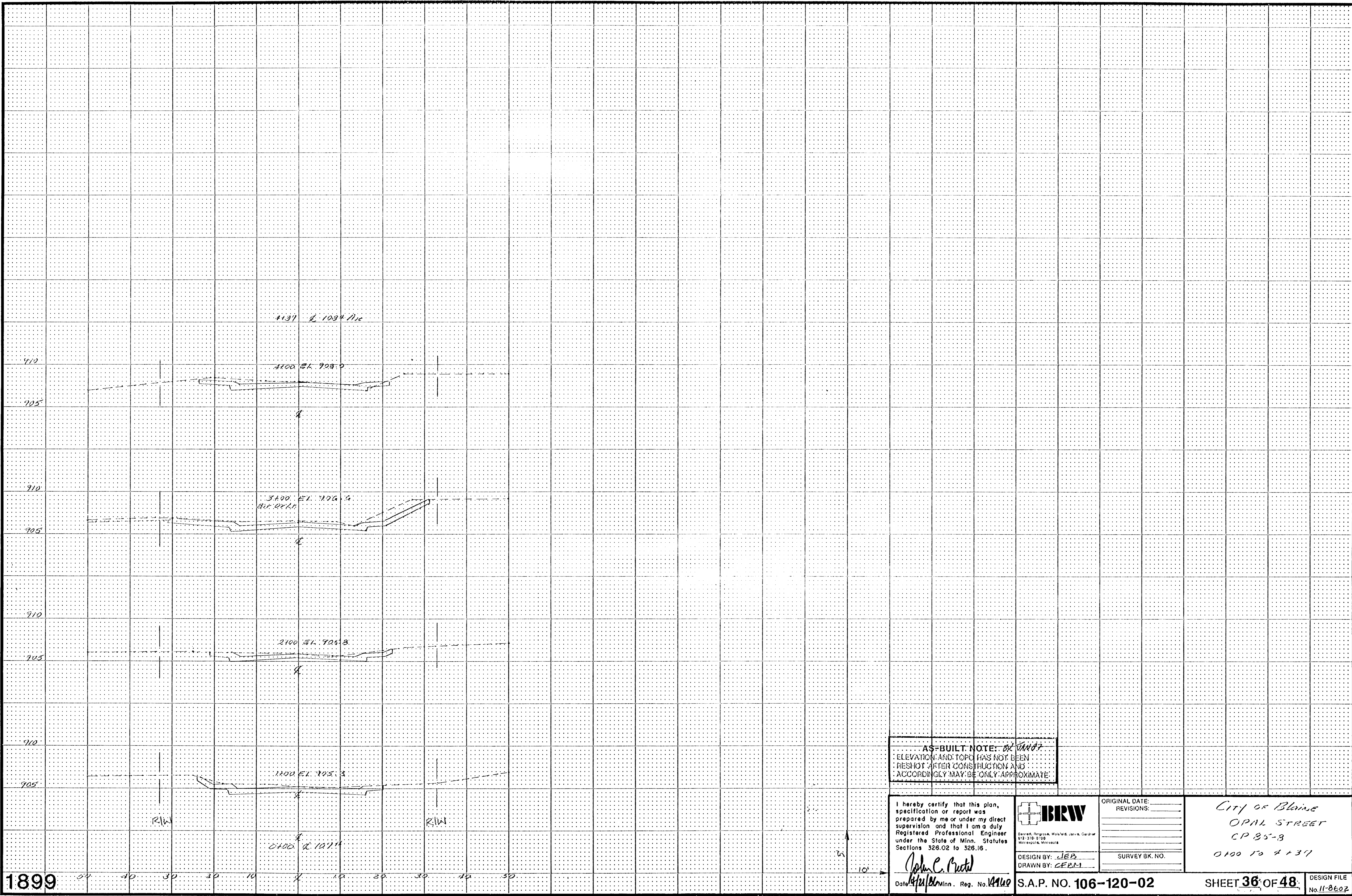
*John C. Bruch*  
 Date *1/15/20* Minn. Reg. No. *14462*

**IBRW**  
 Inland Brumfield & Wright  
 Surveyors, Engineers & Planners  
 422-270-0700  
 Minneapolis, Minnesota

DESIGN BY: *JEB*  
 DRAWN BY: *CFBH*

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

CITY OF BLAINE  
 STURZ STREET'S  
 CP 85-8  
 7+47 TO 11+91



AS-BUILT NOTE: ELEVATION AND TOPO HAS NOT BEEN RESHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16.

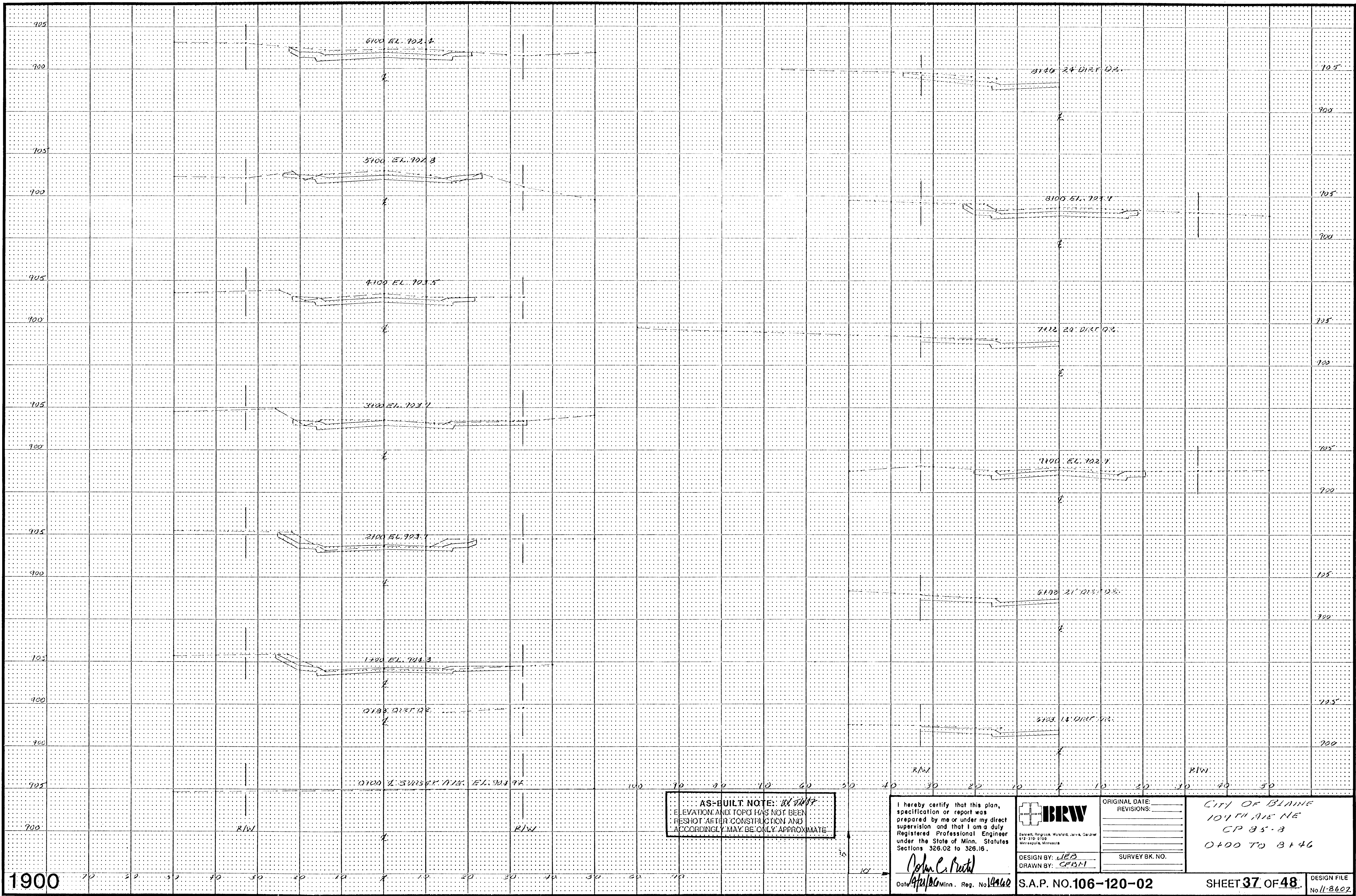
*John C. Pecht*  
 Date 12/16/16 Minn. Reg. No. 14140



DESIGN BY: JEP  
 DRAWN BY: CEM

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

*City of Blaine*  
**OPAL STREET**  
 CP 85-8  
 0+00 to 4+37.1



AS-BUILT NOTE: *BY 11/87*  
 ELEVATION AND TOPG HAS NOT BEEN  
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 Registered Professional Engineer  
 under the State of Minn. Statutes  
 Sections 326.02 to 326.16.

*John C. Riedel*  
 Date *1/21/86* Minn. Reg. No. *14460*



DESIGN BY: *JEB*  
 DRAWN BY: *CEBM*

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

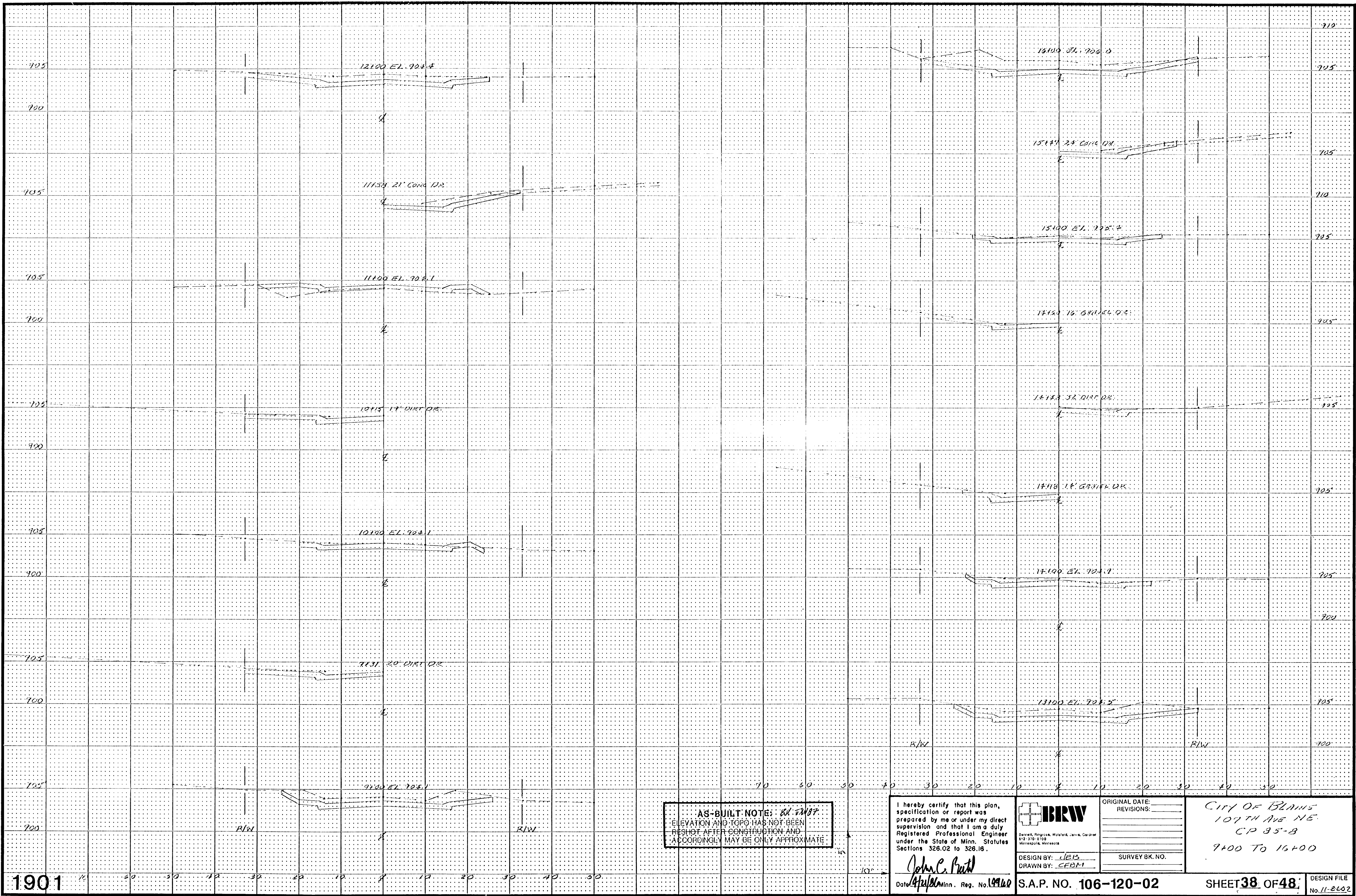
CITY OF BLAINE  
 101TH AVE NE  
 CP 85-3  
 0+00 TO 3+46

S.A.P. NO. 106-120-02

SHEET 37 OF 48

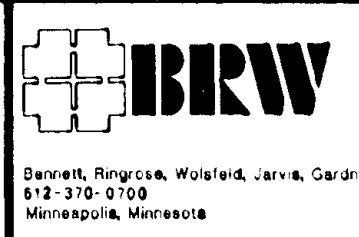
DESIGN FILE  
 No. 11-8602

1900



AS-BUILT NOTE: *EN 7/8/87*  
 ELEVATION AND TOPO HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
 ACCORDINGLY MAY BE ONLY APPROXIMATE

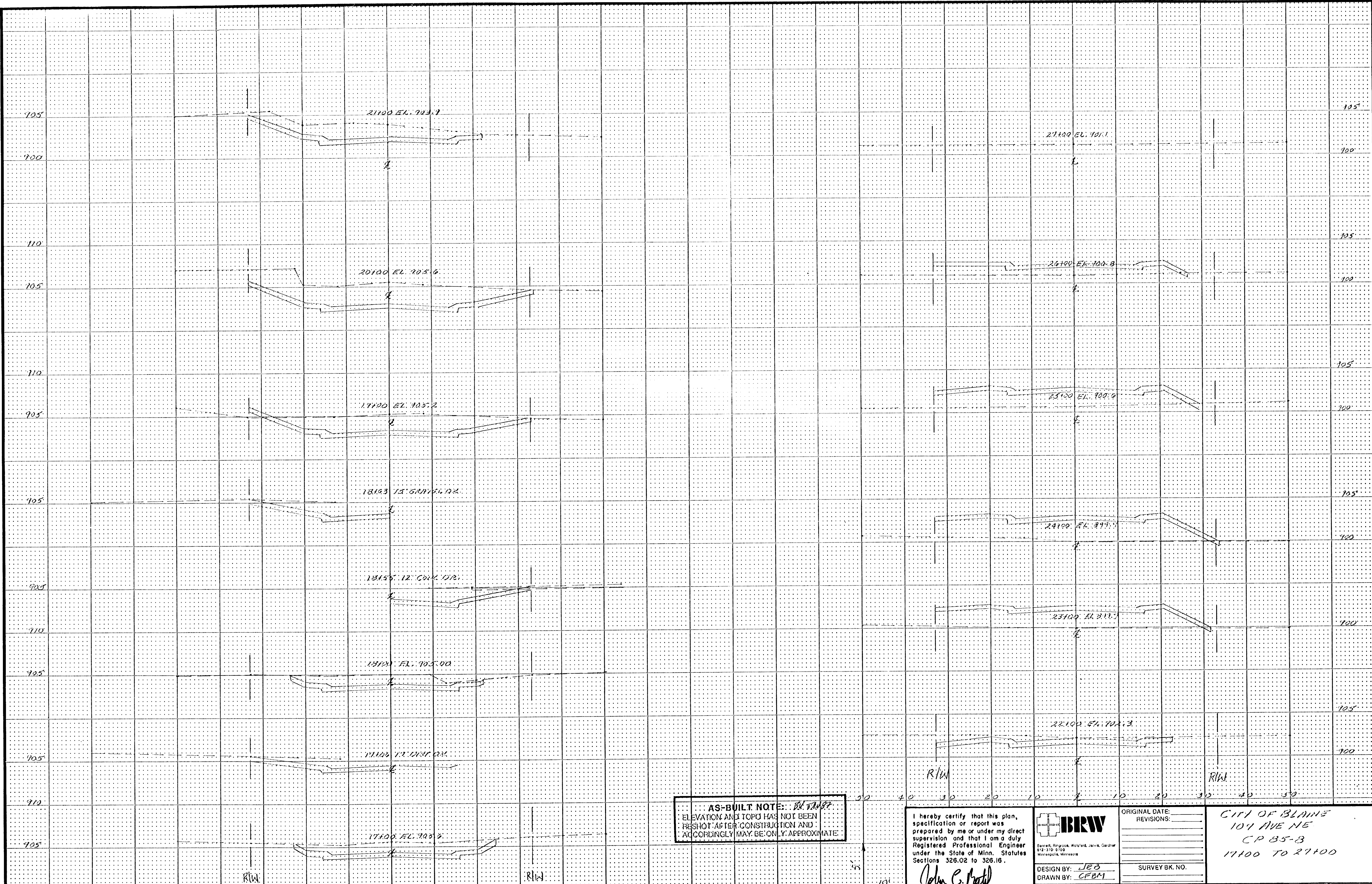
I hereby certify that this plan,  
 specification or report was  
 prepared by me or under my direct  
 supervision and that I am a duly  
 Registered Professional Engineer  
 under the State of Minn. Statutes  
 Sections 326.02 to 326.16.  
*John C. Pelt*  
 Date: *7/8/87* Minn. Reg. No. *199160*



DESIGN BY: *JEBS*  
 DRAWN BY: *CEBM*

ORIGINAL DATE:	_____
REVISIONS:	_____
SURVEY BK. NO.	_____

CITY OF BLAINE  
 107TH AVE NE  
 CP 95-B  
 9+00 TO 16+00



**AS-BUILT NOTE:** *BL 10/27*  
 ELEVATION AND TOPS HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16.

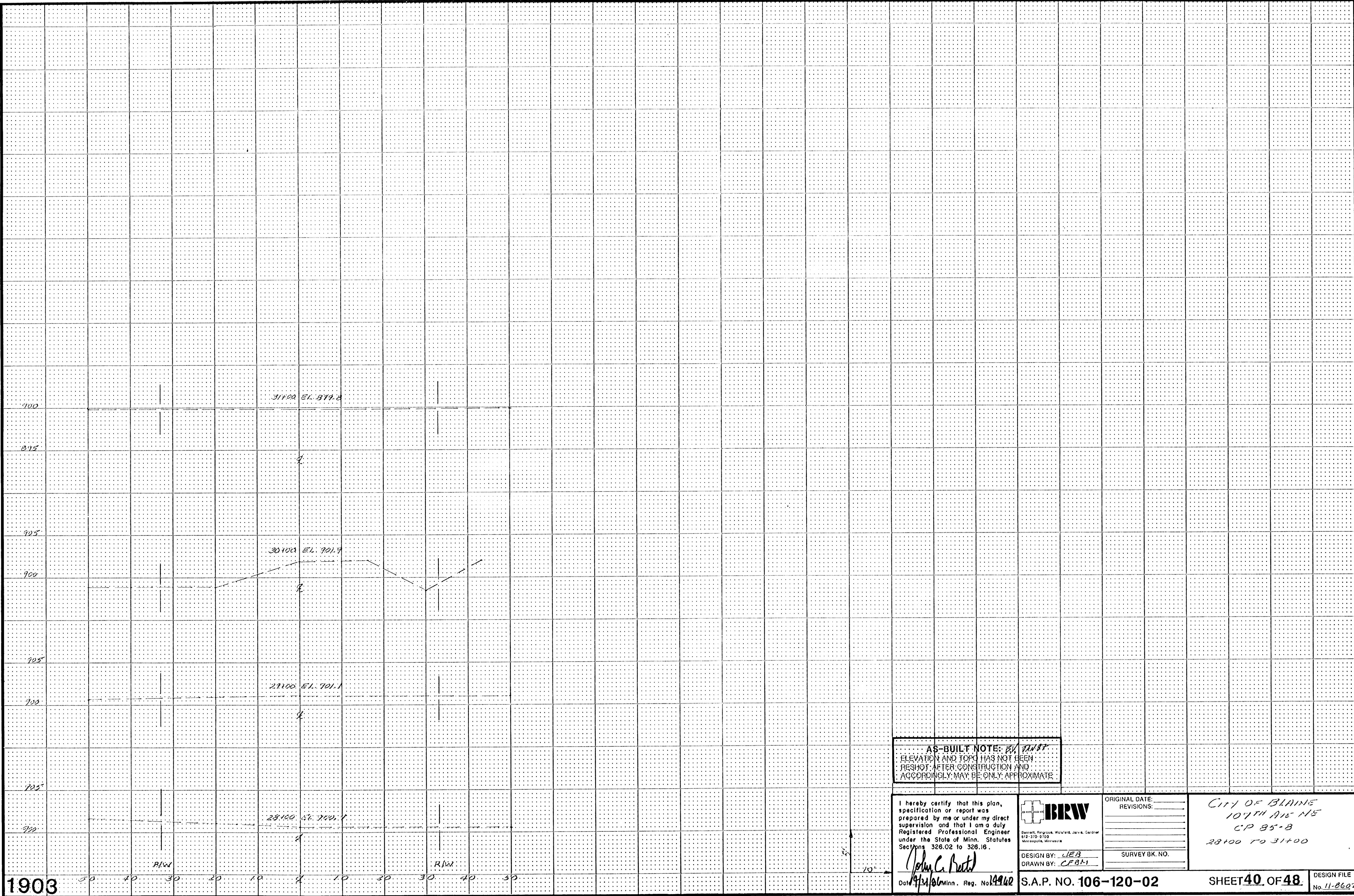
*John C. Mast*  
 Date *4/2/20* Minn. Reg. No. *19460*

**BRW**  
 Barrett, Ringosa, Wolfeld, Jarvis, Gardner  
 612-372-9100  
 Minneapolis, Minnesota

DESIGN BY: *JCB*  
 DRAWN BY: *CFBM*

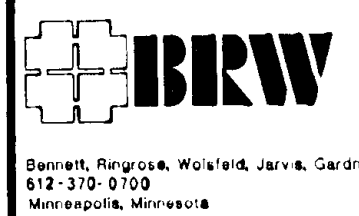
ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

CITY OF BLAINE  
 101 AVE NE  
 CP 85-8  
 17100 TO 27100



AS-BUILT NOTE: *BY TAWBT*  
 ELEVATION AND TOPO HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
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 specification or report was  
 prepared by me or under my direct  
 supervision and that I am a duly  
 Registered Professional Engineer  
 under the State of Minn. Statutes  
 Sections 326.02 to 326.16.  
*John C. Becht*  
 Date: *9/21/06* Minn. Reg. No. *19962*



DESIGN BY: *LEB*  
 DRAWN BY: *CFBM*

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

CITY OF BLAINE  
 107TH AVE NE  
 CP 85-B  
 28100 TO 31+00

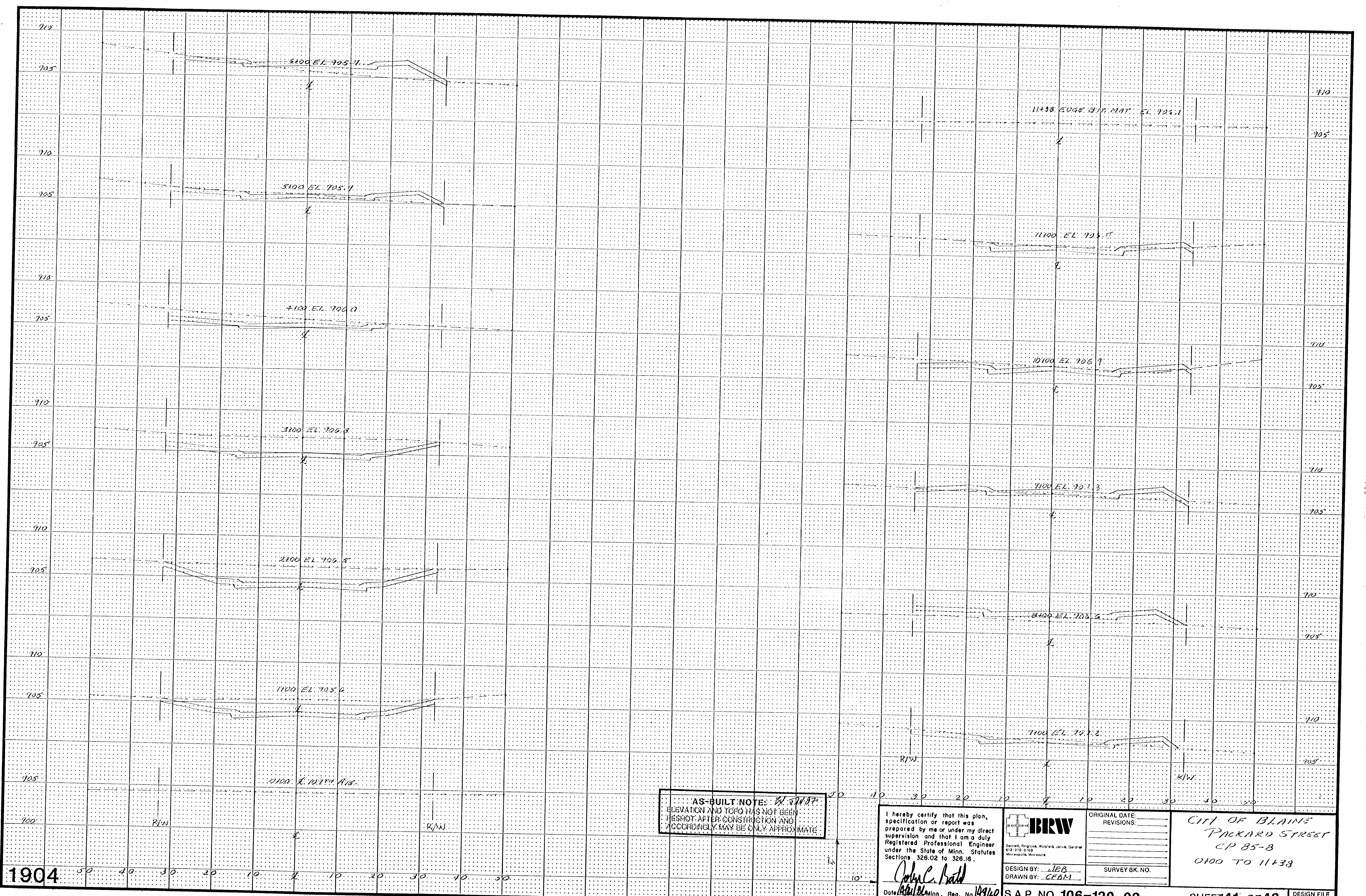
1903

S.A.P. NO. 106-120-02

SHEET 40 OF 48

DESIGN FILE  
 No. 11-8602





AS-BUILT NOTE: *BL 8/10/87*  
 ELEVATION AND TOPO HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
 ACCORDINGLY MAY BE ONLY APPROXIMATE.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16.

*Charles C. Bodd*  
 Date: *8/10/87* Minn. Reg. No. *16960*

**BRW**  
 Bennett, Ringrose, Wolford, Jarvis, Gardner  
 612-370-0700  
 Minneapolis, Minnesota

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

DESIGN BY: *LEB*  
 DRAWN BY: *CEAM*

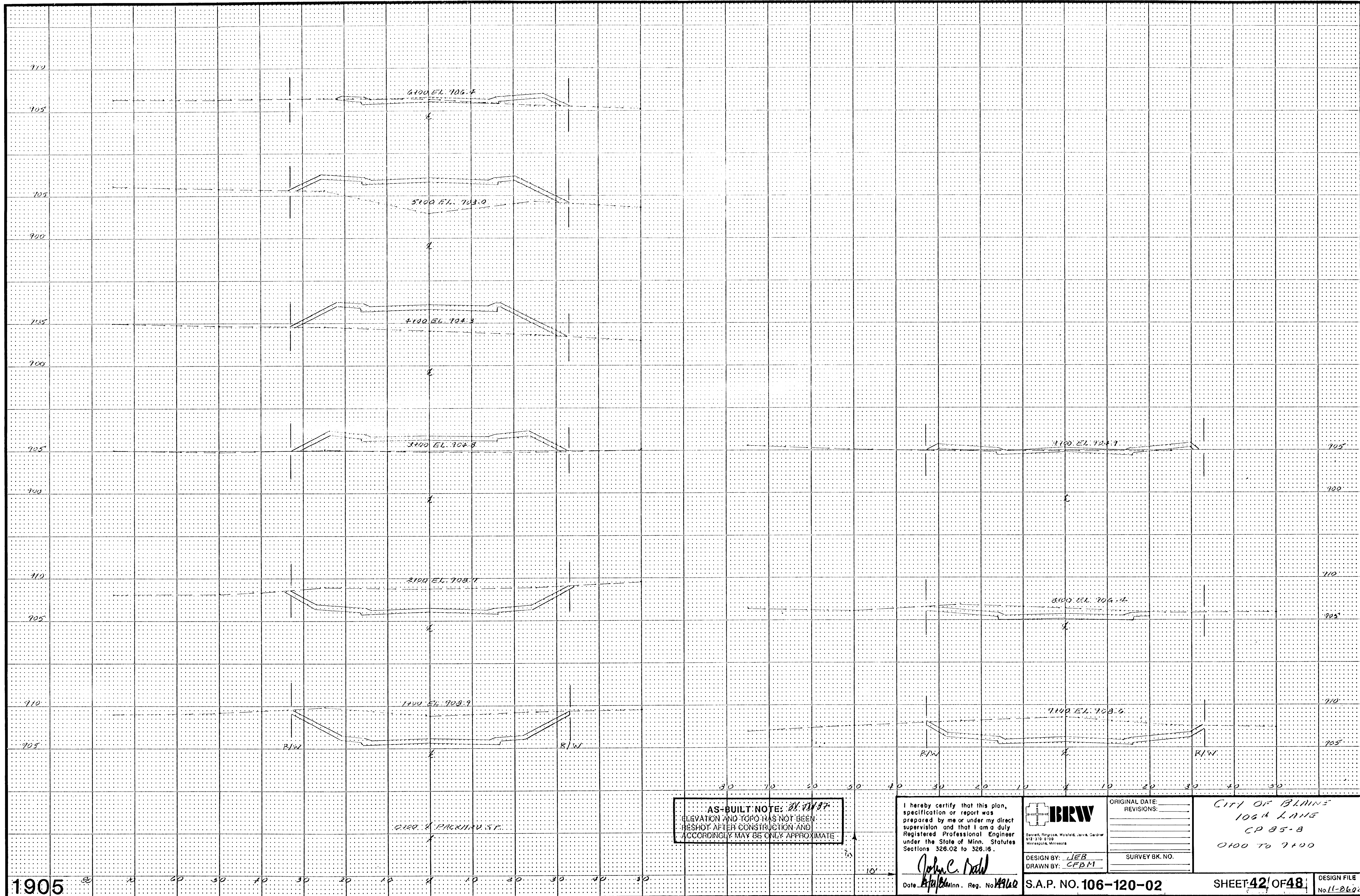
CITY OF BLAINE  
 PACKARD STREET  
 CP 85-8  
 0+00 TO 11+38

1904

S.A.P. NO. 106-120-02

SHEET 41 OF 48

DESIGN FILE  
 No. 11-8602



AS-BUILT NOTE: ELEVATION AND TORO HAS NOT BEEN RE-SHOT AFTER CONSTRUCTION AND ACCORDINGLY MAY BE ONLY APPROXIMATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16.

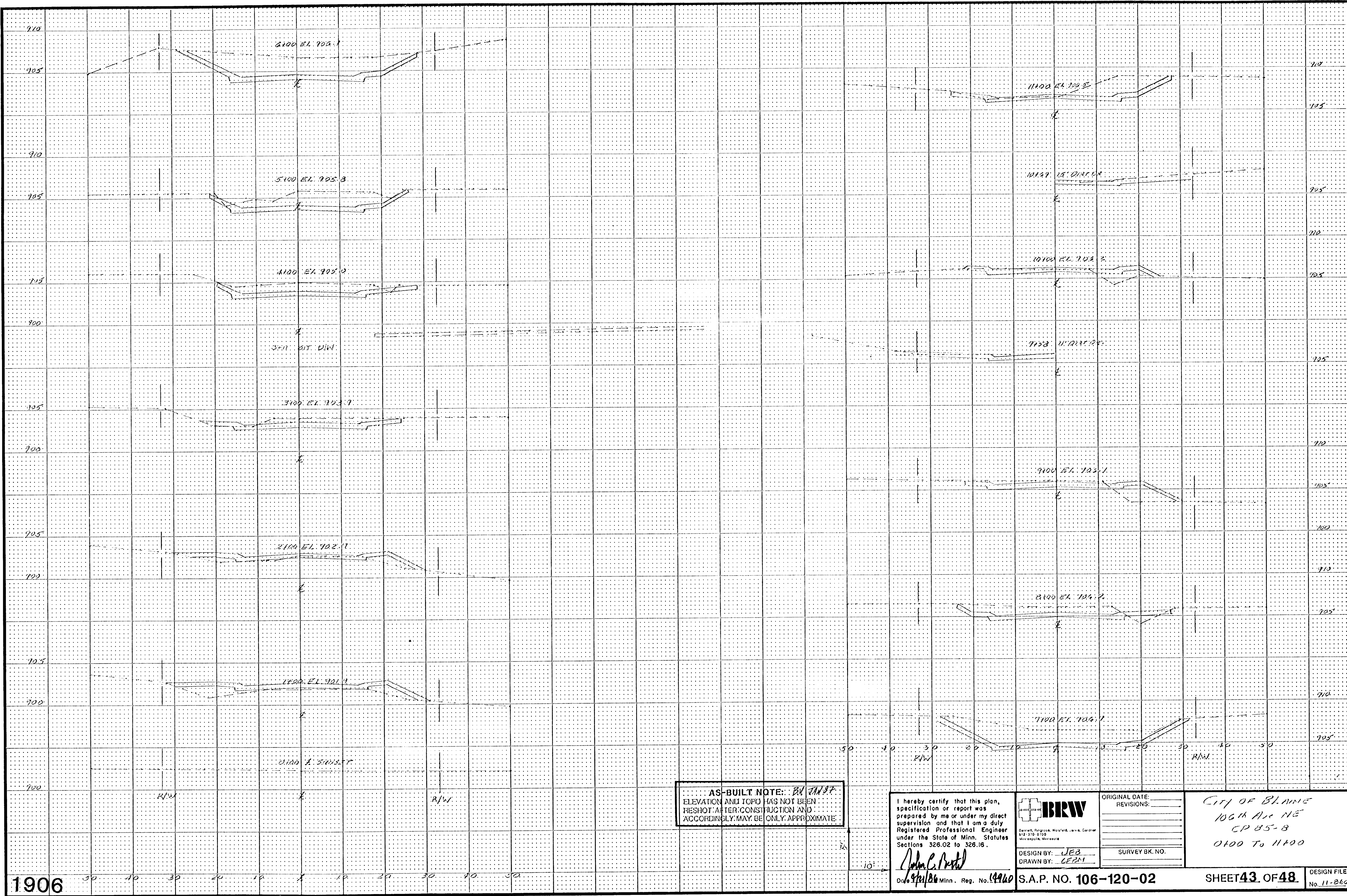
John C. Dadd  
 Date 1/12/12 Minn. Reg. No. 19162

**BRW**  
 Bennett, Ringold, Woodfield, Jarvis, Carlson  
 612-370-9700  
 Minneapolis, Minnesota

DESIGN BY: JEB  
 DRAWN BY: CFBM

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

CITY OF BLAINE  
 106th LANE  
 CP 85-B  
 0+00 TO 9+00



AS-BUILT NOTE: BY JWB  
 ELEVATION AND TOPO HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
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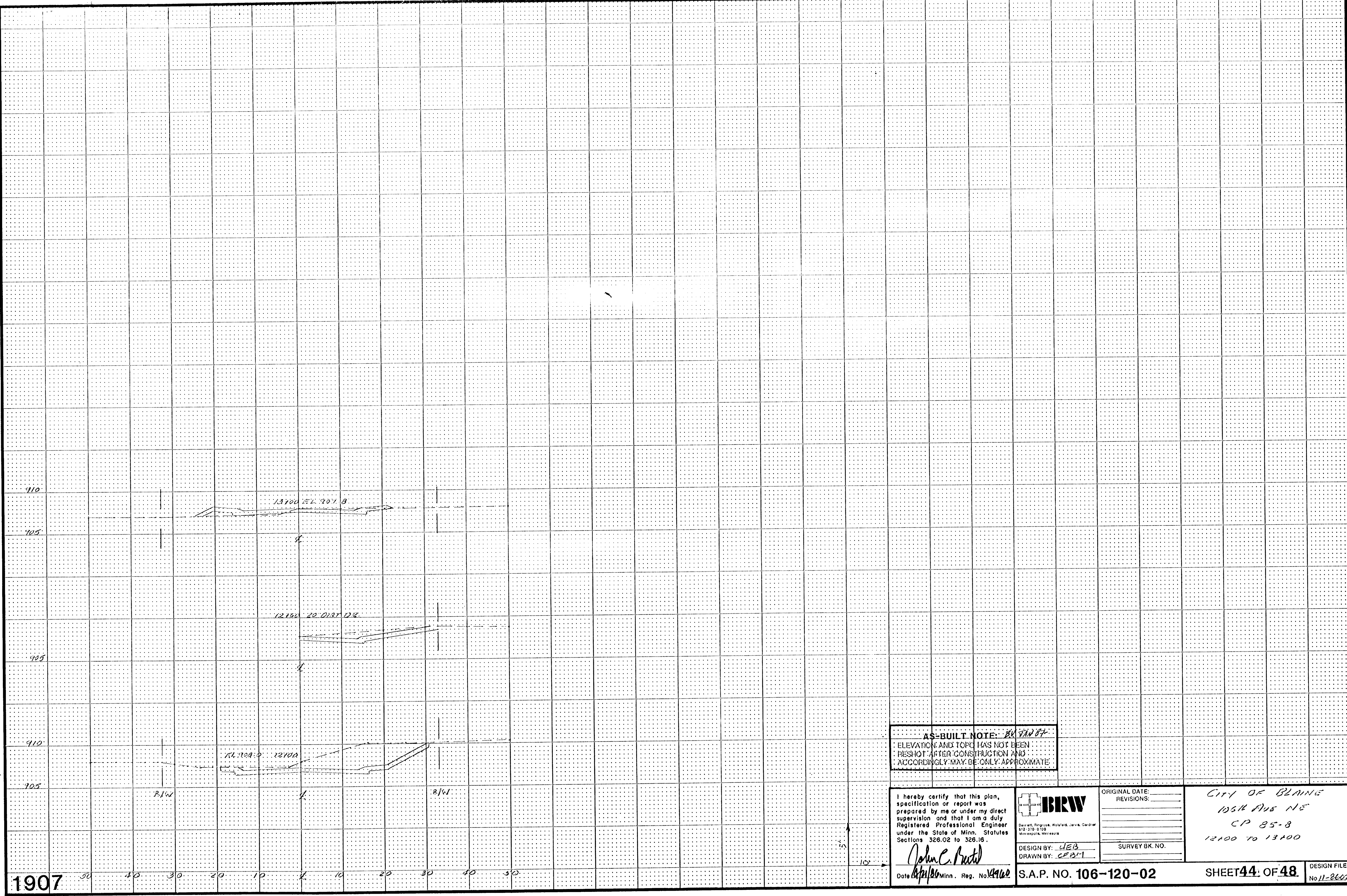
*John C. Pratt*  
 Date 3/21/88 Minn. Reg. No. 19940

**BRW**  
 Bennett, Ringosa, Wolford, Leiva, Gardner  
 612-370-9700  
 Minneapolis, Minnesota

DESIGN BY: JEB  
 DRAWN BY: LERM

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

CITY OF BLAINE  
 106th Ave NE  
 CP 85-8  
 0100 To 11+00



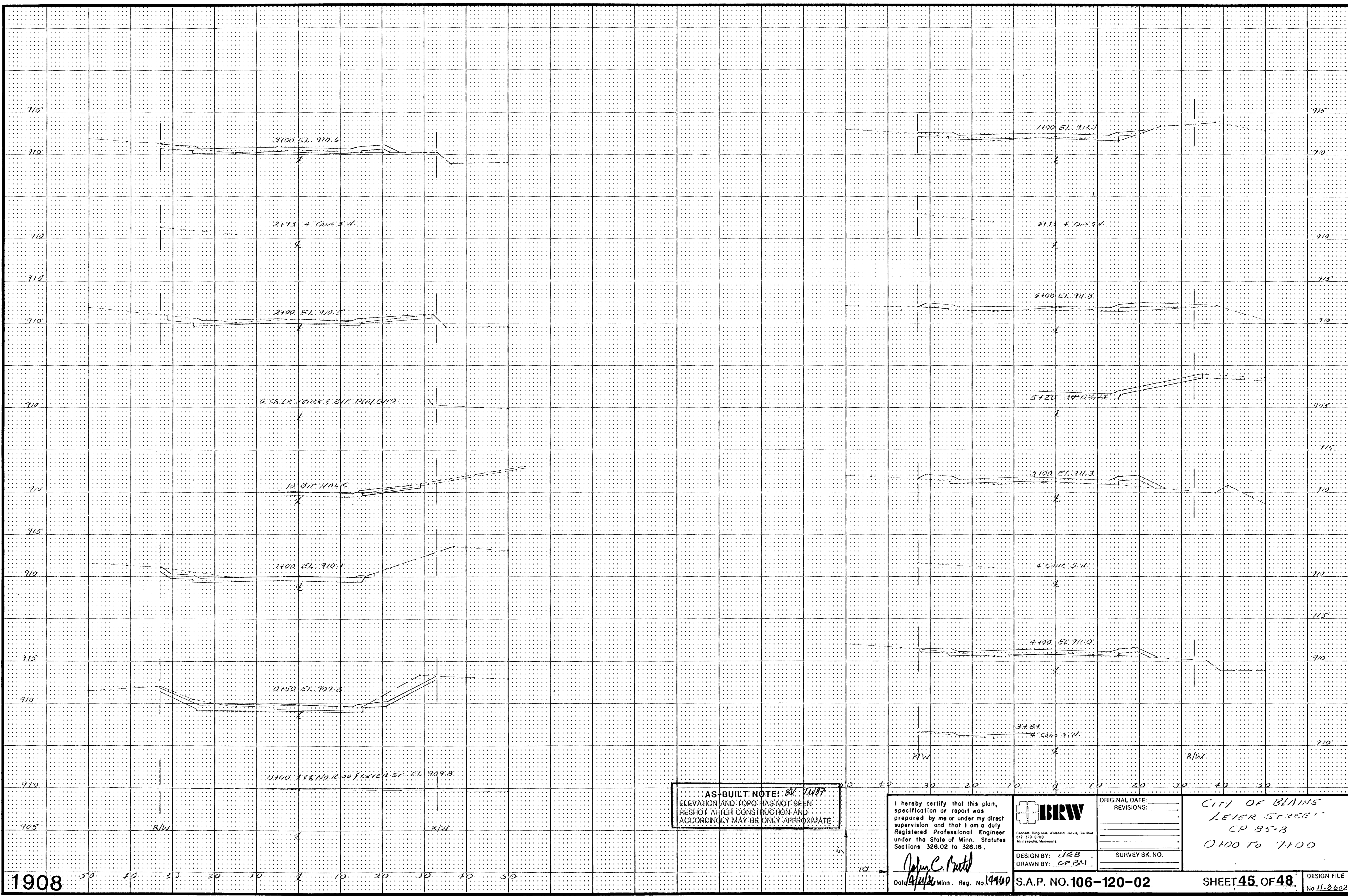
**AS-BUILT NOTE:** *EX. JAN 87*  
 ELEVATION AND TOPC HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
 ACCORDINGLY MAY BE ONLY APPROXIMATE.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16.  
*John C. Burtel*  
 Date *April 18, 1990* Minn. Reg. No. *14960*

**BRW**  
 Barrett, Ringold, Woldstad, Jarvis, Gardner  
 612-378-0709  
 Minneapolis, Minnesota  
 DESIGN BY: *UEB*  
 DRAWN BY: *CEB:1*

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

CITY OF BLAINE  
 10614 AVE NE  
 CP 85-8  
 12100 TO 13100



AS-BUILT NOTE: *EL. 710.7*  
 ELEVATION AND TOPO. HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
 ACCORDINGLY MAY BE ONLY APPROXIMATE

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 supervision and that I am a duly  
 Registered Professional Engineer  
 under the State of Minn. Statutes  
 Sections 326.02 to 326.16.

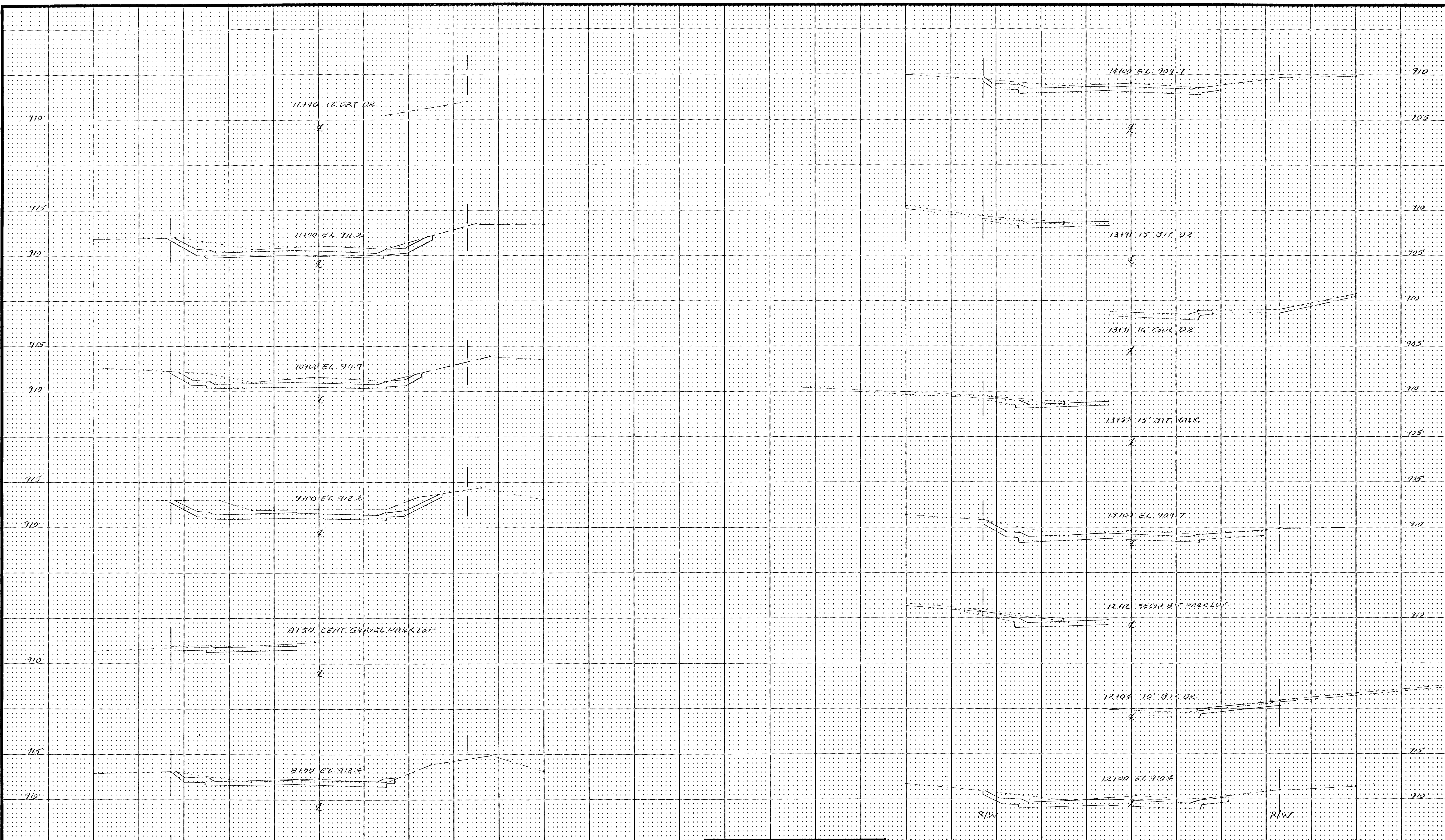
*John C. Pustel*  
 Date: *12/20/20* Minn. Reg. No. *19960*



DESIGN BY: *JEB*  
 DRAWN BY: *CPM*

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

CITY OF BLAINE  
 LEVER STREET  
 CP 95-3  
 0+00 TO 7+00



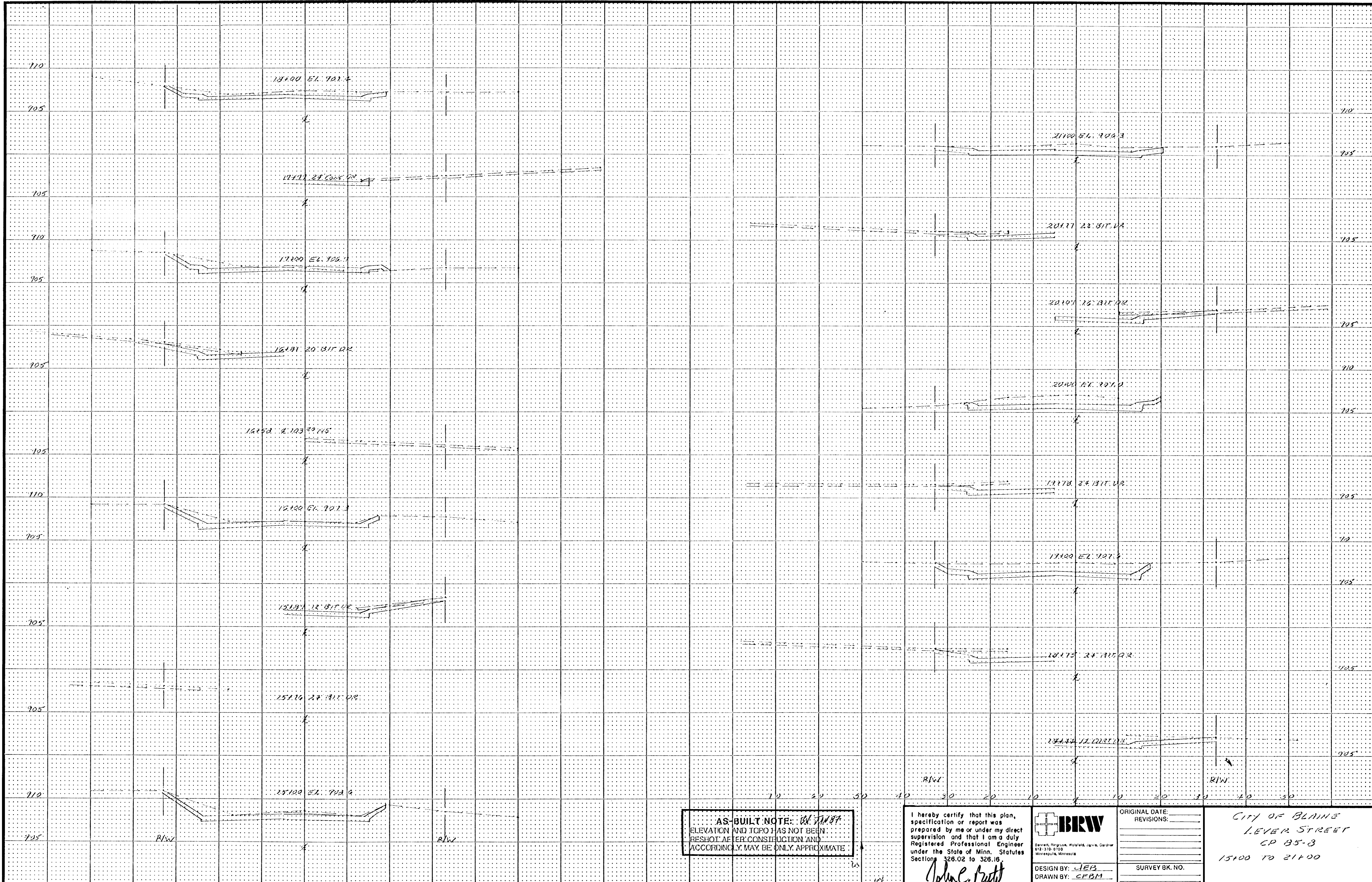
AS-BUILT NOTE: *BL. T.M.P.*  
 ELEVATION AND TORO HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
 ACCORDINGLY MAY BE ONLY APPROXIMATE

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 specification or report was  
 prepared by me or under my direct  
 supervision and that I am a duly  
 Registered Professional Engineer  
 under the State of Minn. Statutes  
 Sections 326.02 to 326.16.  
*John C. Barth*  
 Date *4/2/80* Minn. Reg. No. *19960*

**BRW**  
 Bennett, Ringold, Wolford, Jarvis, Gardner  
 512-310-0700  
 Minneapolis, Minnesota  
 DESIGN BY: *IEB*  
 DRAWN BY: *CFBM*

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

CITY OF BLAINE  
 LEVER STREET  
 CP 85-8  
 7465 TO 14100



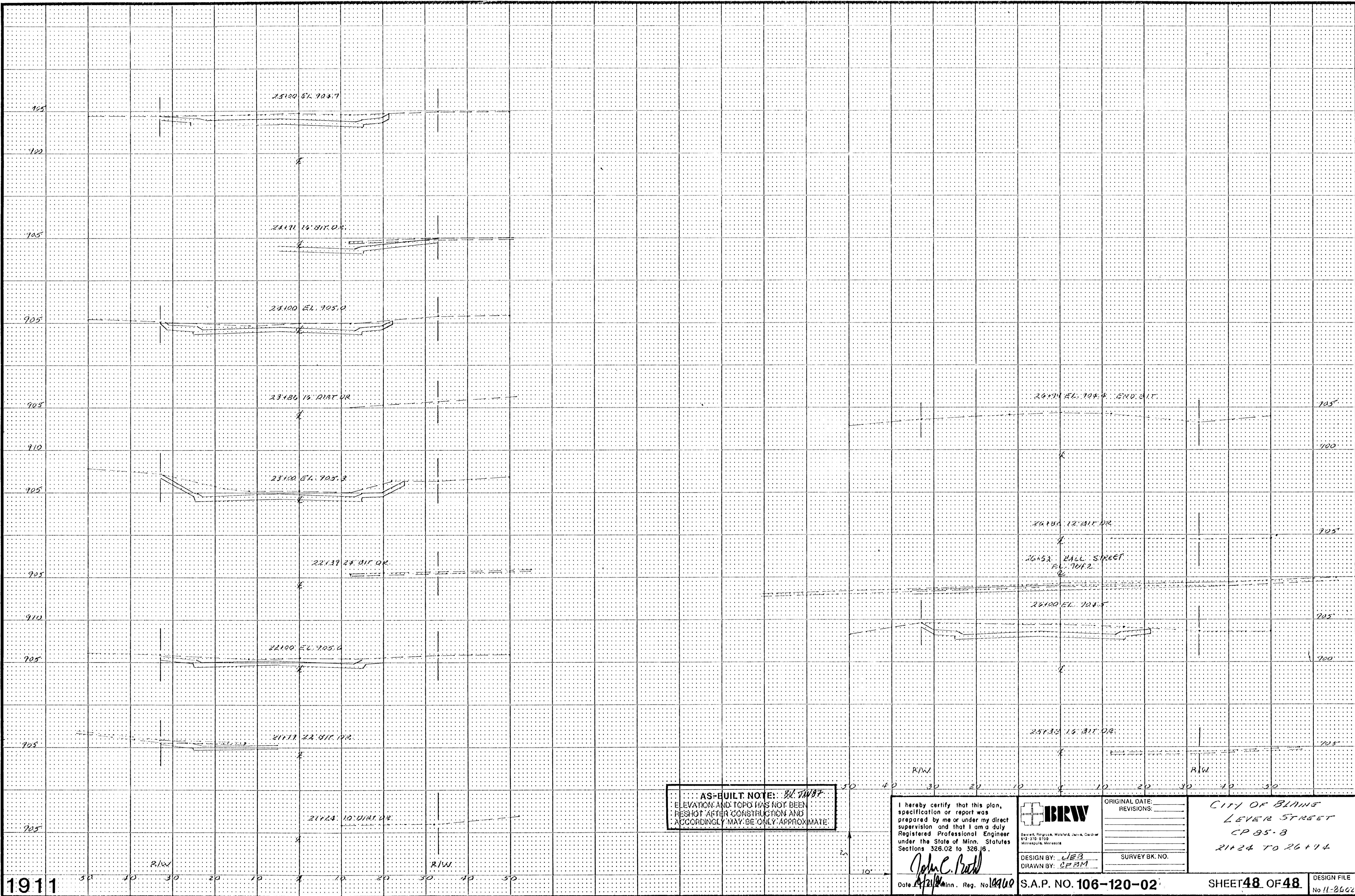
AS-BUILT NOTE: *OK*  
 ELEVATION AND TOPO HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
 ACCORDINGLY MAY BE ONLY APPROXIMATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16  
*John E. Butts*  
 Date *4/21/00* Minn. Reg. No. *19460*

**IBRW**  
 Bennett, Ferguson, Wolfeld, Jarvis, Gardner  
 612-370-0700  
 Minneapolis, Minnesota  
 DESIGN BY: *JEB*  
 DRAWN BY: *CFBM*

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

CITY OF BLAINE  
 LEVER STREET  
 CP 85-8  
 15+00 TO 21+00



AS-BUILT NOTE: *BY DWB*  
 ELEVATION AND TOPO HAS NOT BEEN  
 RESHOT AFTER CONSTRUCTION AND  
 ACCORDINGLY MAY BE ONLY APPROXIMATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16.  
*John C. Roth*  
 Date *12/1/90* Minn. Reg. No. *19960*

**BRW**  
 Robert, Rogers, Wolford, Jarvis, Gardner  
 613-210-8700  
 Minneapolis, Minnesota  
 DESIGN BY: *JEB*  
 DRAWN BY: *CEBM*

ORIGINAL DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 SURVEY BK. NO. \_\_\_\_\_

CITY OF BLINN  
 LEVER STREET  
 CP 95-8  
 21+24 TO 26+94