

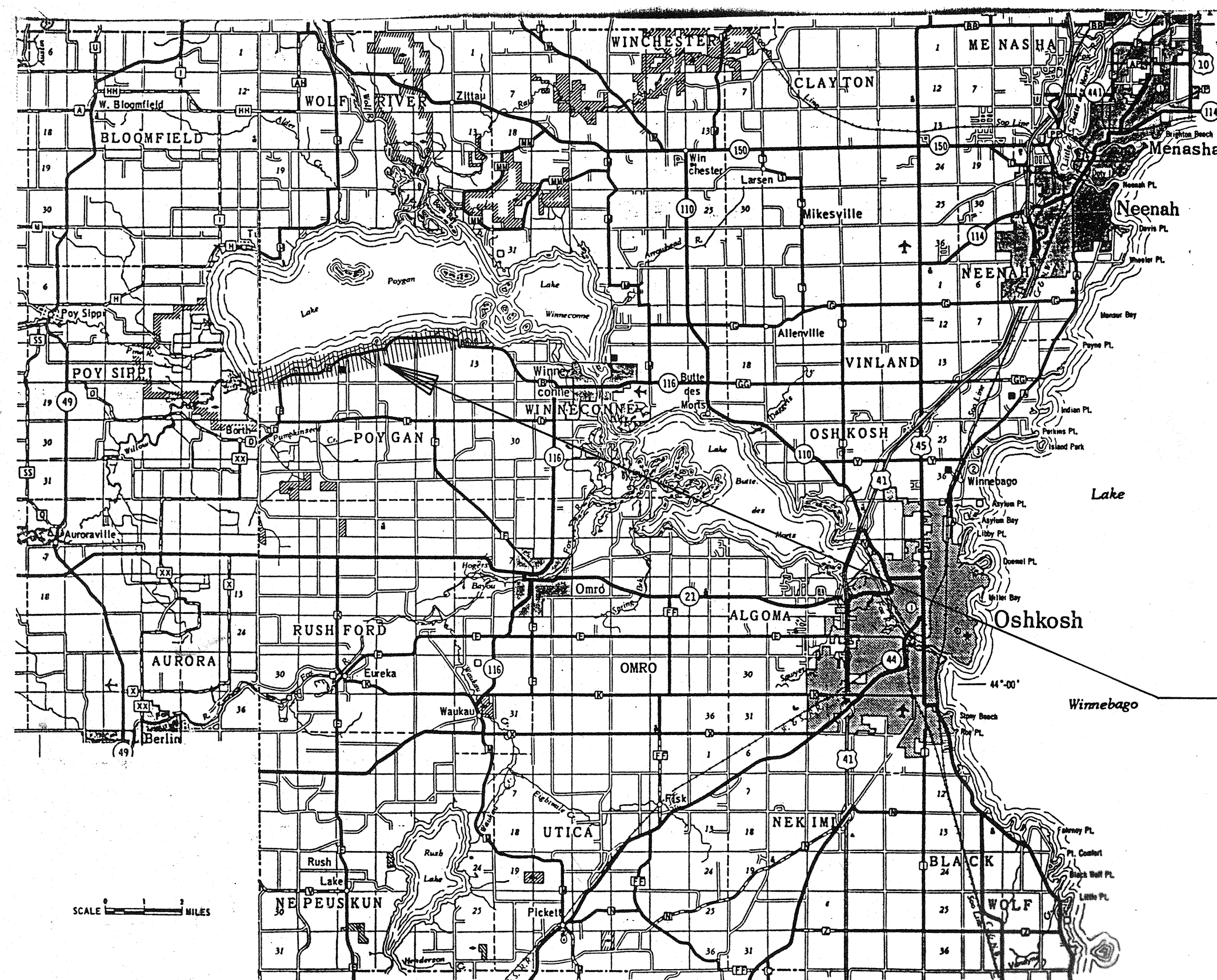
CONSTRUCTION PLANS  
 FOR  
**WASTEWATER COLLECTION SYSTEM**  
**POYGAN SANITARY DISTRICT NO. 1**

TOWN OF POYGAN  
 WINNEBAGO COUNTY, WI

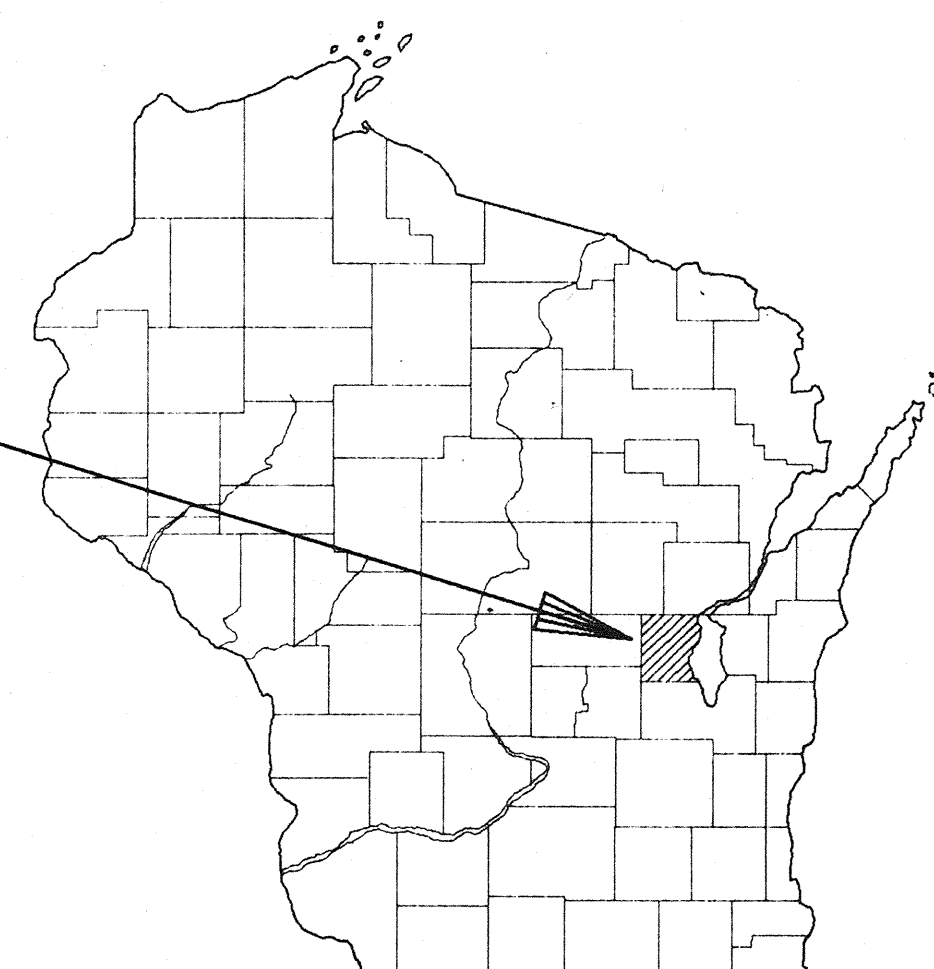
FEBRUARY, 1989

**Foth & Van Dyke**

ENGINEERS/ARCHITECTS

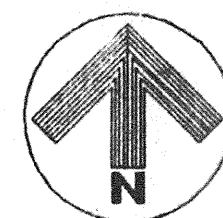


PROJECT LOCATION  
 TOWN OF POYGAN  
 WINNEBAGO COUNTY



LOCATION MAP

WINNEBAGO COUNTY



 TO OBTAIN LOCATION OF  
 PARTICIPANTS' UNDERGROUND  
 FACILITIES BEFORE YOU  
 DIG IN WISCONSIN  
**CALL DIGGERS HOTLINE**  
 1-800-242-8511  
 TOLL FREE  
WIS. STATUTE, RESOLVE 09741  
 REQUIRING MIN. OF 2 WORK DAYS  
 NOTICE BEFORE YOU EXCAVATE.

S.I. 88P56 (DESIGN)  
 S.I. 89P5 (CONSTRUCTION)  
 JN 2168

*Handwritten signature and date:*  
 [Signature]  
 2/2/89

**SHEET INDEX**

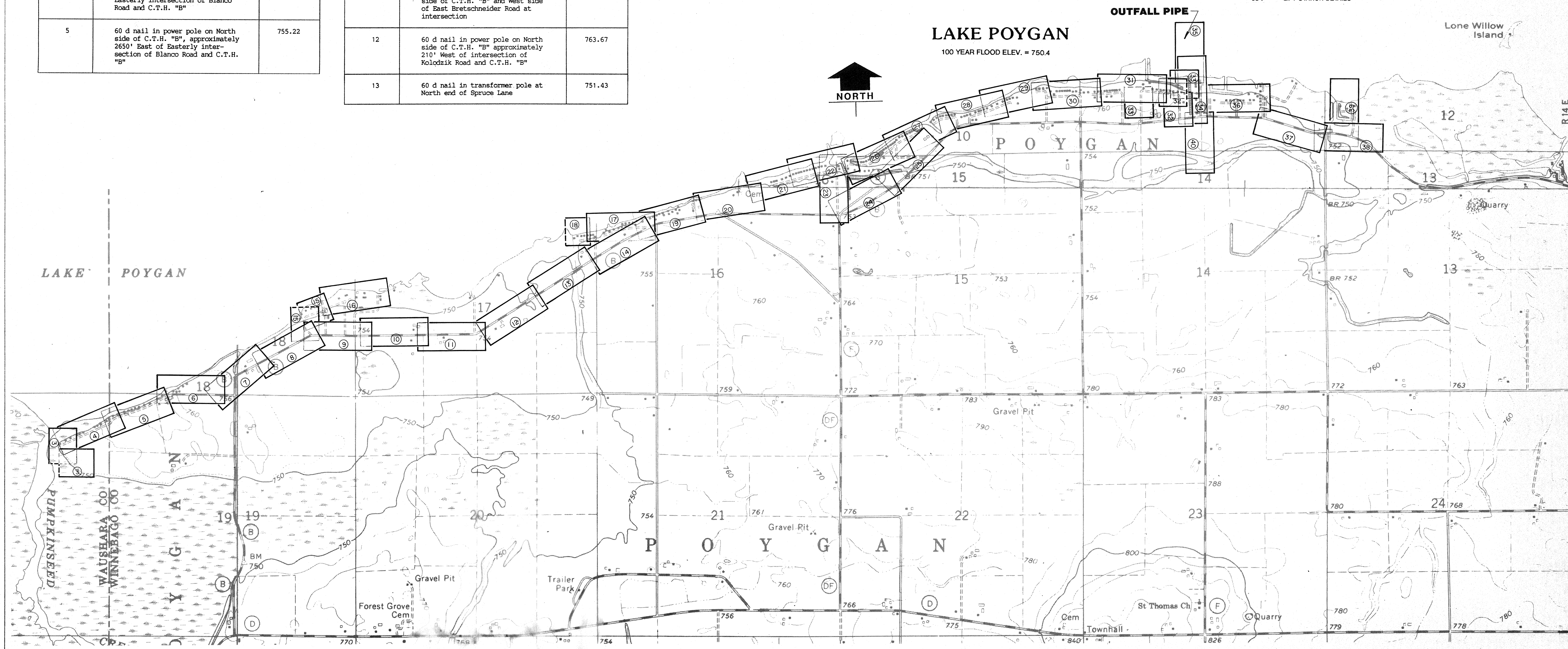
1. TITLE SHEET
2. INDEX SHEET
3. PLAN AND PROFILE - WELSCH ROAD
4. PLAN AND PROFILE - WELSCH ROAD
5. PLAN AND PROFILE - WELSCH ROAD
6. PLAN AND PROFILE - WELSCH ROAD
7. PLAN AND PROFILE - WELSCH ROAD AT C.T.H. "B"
8. PLAN AND PROFILE - C.T.H. "B" AT BLANCO ROAD
9. PLAN AND PROFILE - C.T.H. "B" AT FRATRICK ROAD
10. PLAN AND PROFILE - C.T.H. "B"
11. PLAN AND PROFILE - C.T.H. "B"
12. PLAN AND PROFILE - C.T.H. "B"
13. PLAN AND PROFILE - C.T.H. "B"
14. PLAN AND PROFILE - C.T.H. "B" AT O'CONNELL ROAD
15. PLAN AND PROFILE - BLANCO ROAD
16. PLAN AND PROFILE - BLANCO ROAD AT CARTWRIGHT ROAD
17. PLAN AND PROFILE - C.T.H. "B" AT O'CONNELL ROAD
18. PLAN AND PROFILE - O'CONNELL ROAD
19. PLAN AND PROFILE - C.T.H. "B" AT POYGAN ROAD
20. PLAN AND PROFILE - C.T.H. "B" AT OLD COUNTY "F"
21. PLAN AND PROFILE - EASEMENT AT M.H. H-1 TO M.H. H-5
22. PLAN AND PROFILE - EASEMENT AT M.H. H-5 TO HERBST ROAD
23. PLAN AND PROFILE - LEE ROAD AT HERBST ROAD
24. PLAN AND PROFILE - SHIRLEY COURT AT LEE ROAD
25. PLAN AND PROFILE - C.T.H. "B" AT SHIRLEY COURT
26. PLAN AND PROFILE - O'CONNELL'S RESORT ROAD AT WEST KEMPF ROAD
27. PLAN AND PROFILE - WEST KEMPF ROAD AT O'CONNELL'S RESORT ROAD
28. PLAN AND PROFILE - WEST KEMPF ROAD AT C.T.H. "B"
29. PLAN AND PROFILE - WEST BRETSCHNEIDER ROAD
30. PLAN AND PROFILE - EAST BRETSCHNEIDER ROAD AT GAVIN ROAD
31. PLAN AND PROFILE - KELLOGG ROAD
32. PLAN AND PROFILE - KELLOGG ROAD AT KELLY LANE
33. PLAN AND PROFILE - KELLOGG ROAD AT KELLOGG ROAD
34. PLAN AND PROFILE - SPRUCE LANE TO OUTFALL AT LAKE
35. PLAN AND PROFILE - SPRUCE LANE AT DIFFUSER LAKE OUTFALL
36. PLAN AND PROFILE - POPOWSKI ROAD AT SPRUCE LANE
37. PLAN AND PROFILE - C.T.H. "B" AT SPRUCE LANE
38. PLAN AND PROFILE - C.T.H. "B" EAST OF SPRUCE LANE
39. PLAN AND PROFILE - THIEL LANE
40. PLAN AND PROFILE - C.T.H. "B" TO TREATMENT FACILITY
41. DETAIL SHEET
42. GRINDER PUMP STATION DETAILS
43. LIFT STATION DETAILS

**BENCHMARKS**

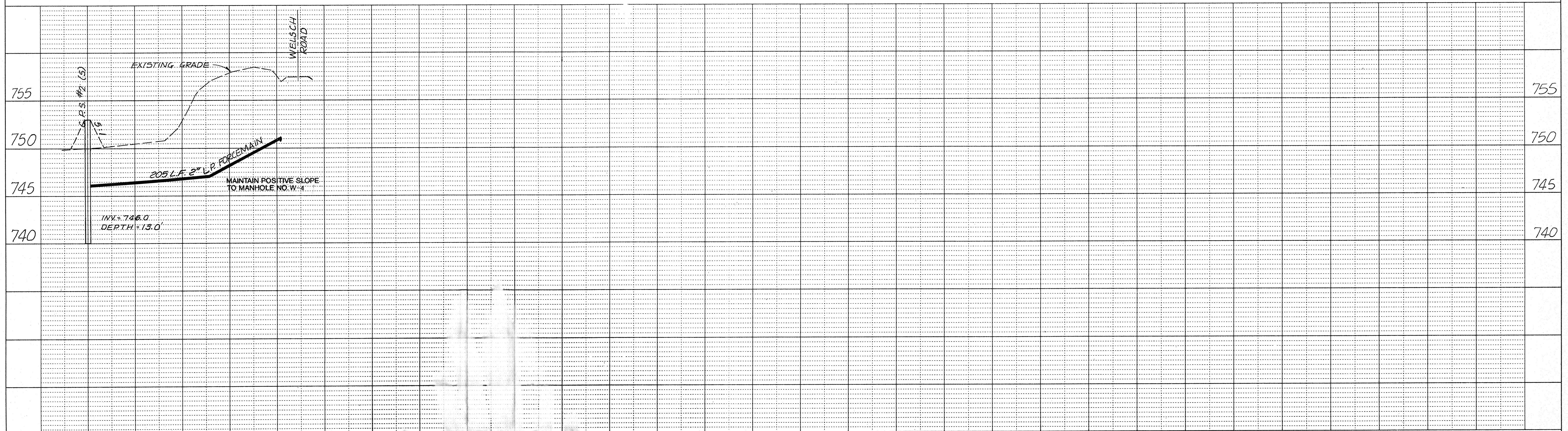
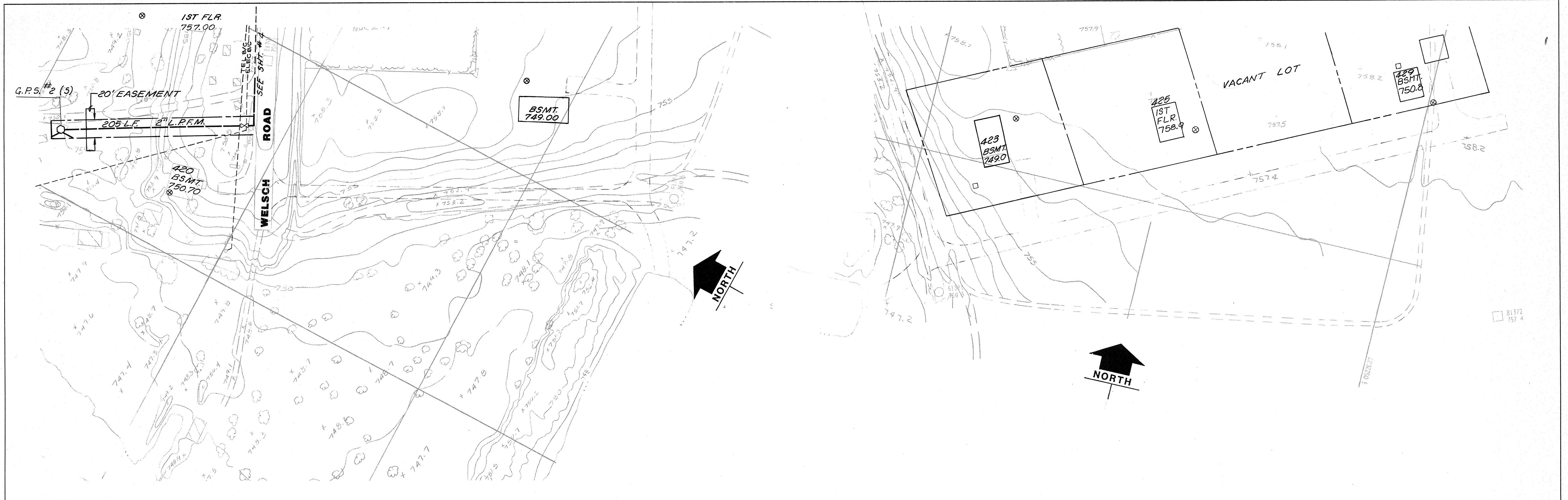
No.	Locations	Elevation	No.	Locations	Elevation
	U.S.G.S. Benchmark 10 Lock 1960 located in the NW 1/4 of the SE 1/4 of Section 19, T-19-N, R-14-E, Town of Poygan, Winnebago County, Wisconsin approximately 100' E of "New" C.T.H. "B"	750.22	6	60 d nail in power pole on West side of C.T.H. "B", approximately 310' Southwest of small creek crossing C.T.H. "B" between Blanco Road and O'Connell Road	751.77
1	60 d nail in power pole on East side of C.T.H. "B", approximately 400' north of intersection of Welsch Road and C.T.H. "B"	756.06	7	60 d nail in first power pole Northeast of small creek crossing C.T.H. "B" between Blanco Road and O'Connell Road	751.61
2	60 d nail in power pole on Northwest side of C.T.H. "B", approximately 260' Southwest of Blanco Road and C.T.H. "B"	755.64	8	60 d nail in 20" dia. elm tree, approximately 75' Southwest of the intersection C.T.H. "B" and Lake Poygan Road	753.54
3	60 d nail in power pole on North side of C.T.H. "B", approximately 500' East of the Easterly intersection of Blanco Road and C.T.H. "B"	755.65	9	60 d nail in first power pole on the East side of Lee Road South of C.T.H. "B"	753.78
4	60 d nail in Wisconsin Power & Light pole #19-14-17 17/13, on the North side of C.T.H. "B", approximately 2180' East of Easterly intersection of Blanco Road and C.T.H. "B"	755.89	10	60 d nail in power pole on the Northwest side of C.T.H. "B", approximately 190' Northwesterly of the intersection of Shirley Court and C.T.H. "B"	753.82
5	60 d nail in power pole on North side of C.T.H. "B", approximately 2650' East of Easterly intersection of Blanco Road and C.T.H. "B"	755.22	11	60 d nail in power poles on North side of C.T.H. "B" and West side of East Bretschneider Road at intersection	758.93
			12	60 d nail in power pole on North side of C.T.H. "B" approximately 210' West of intersection of Kolodzik Road and C.T.H. "B"	763.67
			13	60 d nail in transformer pole at North end of Spruce Lane	751.43

**LEGEND**

- NEW GRAVITY SANITARY SEWER
- NEW FORCEMAIN SANITARY SEWER
- NEW LOW PRESSURE FORCEMAIN
- EXISTING UTILITIES (EX.)
- U.G. GAS
- PERMANENT EASEMENT
- ⊙ EXISTING WELL
- EXISTING SEPTIC TANK
- MANHOLE
- GRINDER PUMP STATION
- MAIN PUMP STATION
- ⋈ VALVE



<p><b>REVISIONS</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DESCRIPTION	DATE	BY													<p><b>PROJECT REVIEW</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DESCRIPTION	DATE	BY													<p><b>Foth &amp; Van Dyke</b> Engineers / Architects</p>	<p><b>POYGAN SANITARY DISTRICT NO. 1</b> <b>TOWN OF POYGAN</b> WINNEBAGO COUNTY, WISCONSIN</p>	<p><b>WASTEWATER COLLECTION SYSTEM</b> <b>INDEX SHEET</b></p>	<p>SHEET NO. <b>2</b></p>
NO.	DESCRIPTION	DATE	BY																																		
NO.	DESCRIPTION	DATE	BY																																		

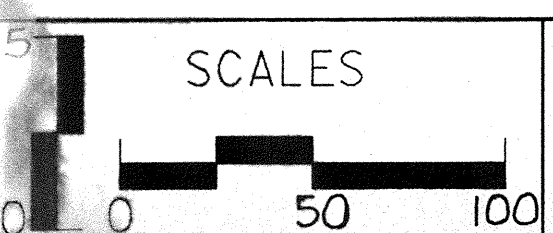


REVISIONS			
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 DRAWN BY: DLO/PM  
 DATE: 10/10/88  
 SCOPE ID: 88P56/216  
 CADD FILE NO. \_\_\_\_\_

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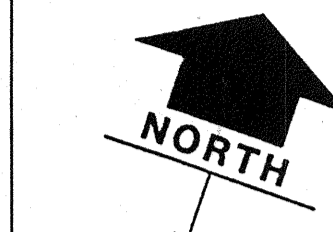


**Foth & Van Dyke**  
 Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
 TOWN OF POYGAN  
 WINNEBAGO COUNTY, WISCONSIN

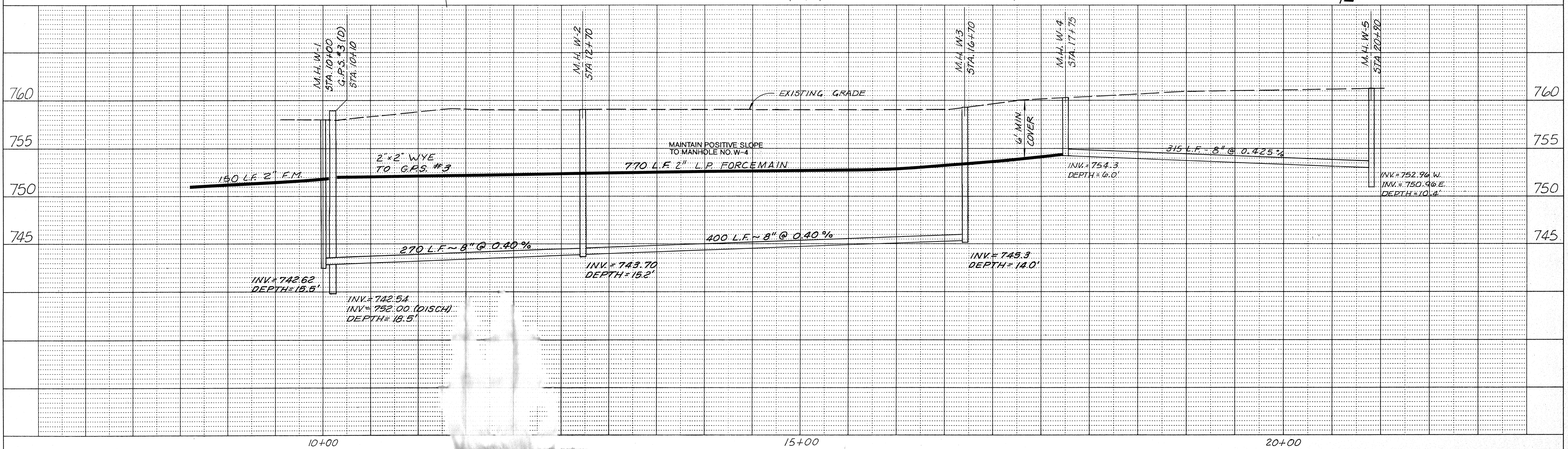
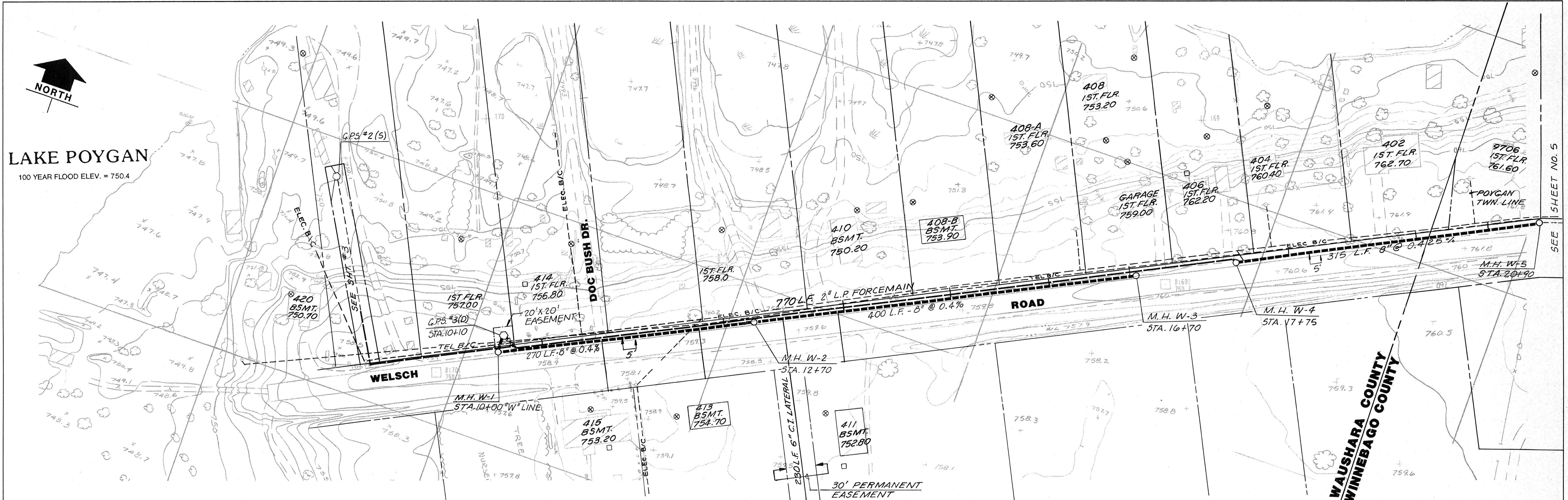
WASTEWATER COLLECTION SYSTEM  
 PLAN & PROFILE

SHEET NO.  
**3**



**LAKE POYGAN**

100 YEAR FLOOD ELEV. = 750.4

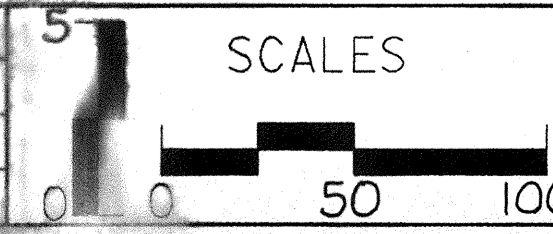


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DRAWN BY	DLC / JAM
DATE	10/12/85
SCOPE ID.	88P56 / 2168
CADD FILE NO.	

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REVIEW	
DATE	
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DATE	



**Foth & Van Dyke**  
Engineers / Architects

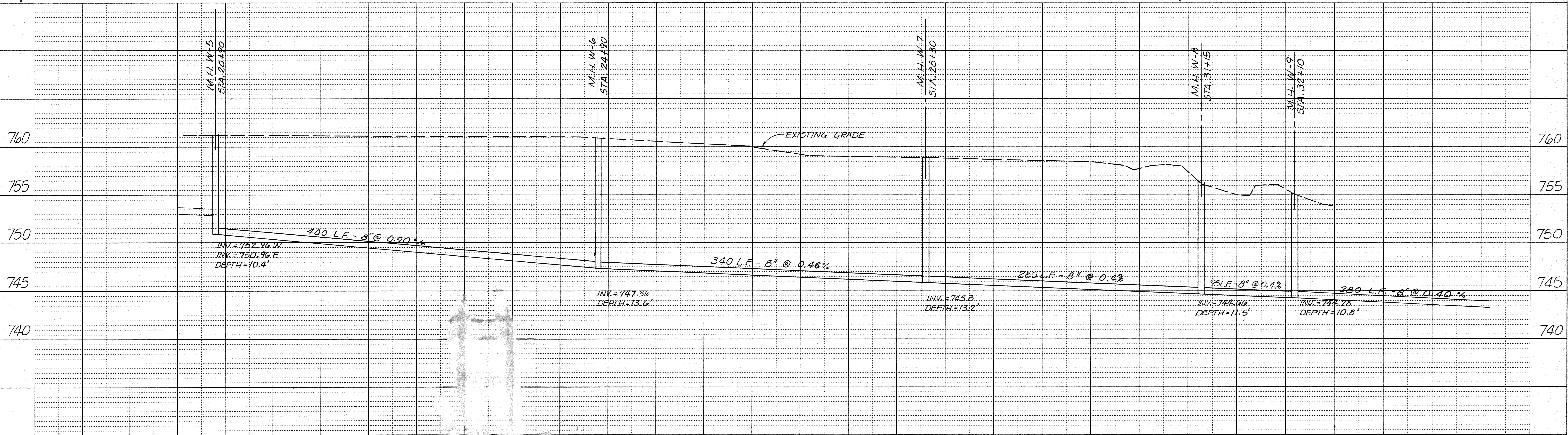
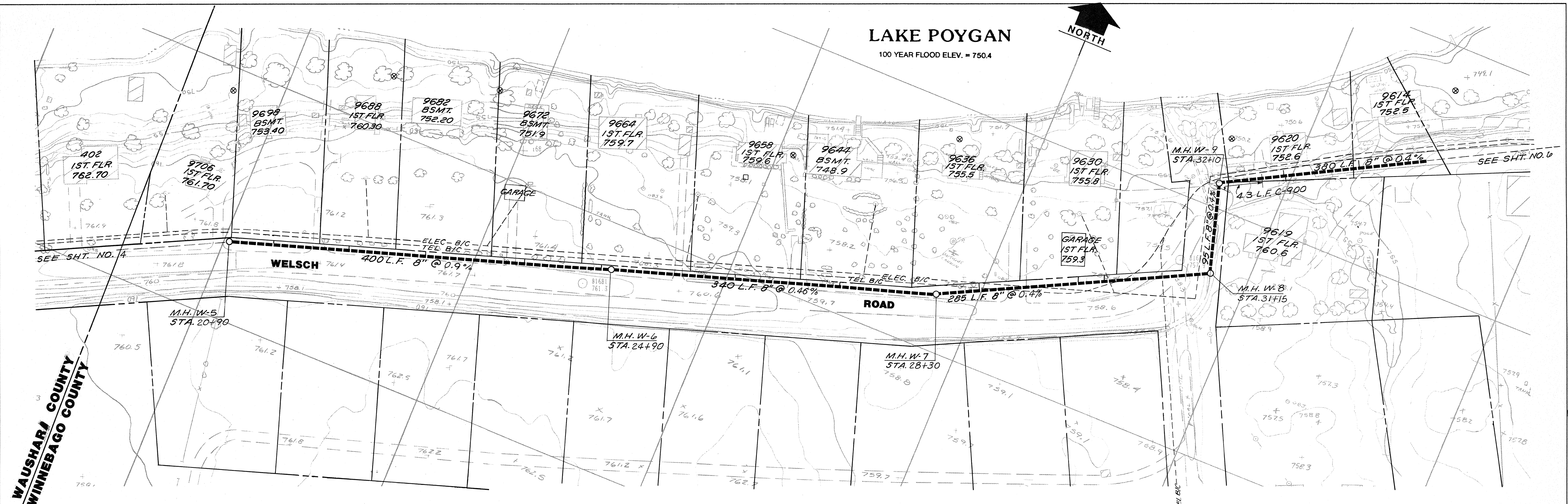
**POYGAN SANITARY DISTRICT NO. 1**  
**TOWN OF POYGAN**  
WINNEBAGO COUNTY, WISCONSIN

**WASTEWATER COLLECTION SYSTEM**  
**PLAN & PROFILE**

SHEET NO.  
**4**

**LAKE POYGAN**

100 YEAR FLOOD ELEV. = 750.4



REVISIONS			
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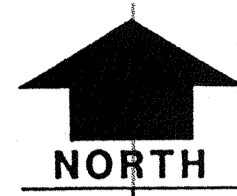
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SCALE: 1" = 50'  
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**Foth & Van Dyke**  
 Engineers / Architects

**POYGAN SANITARY DISTRICT NO. 1**  
**TOWN OF POYGAN**  
 WINNEBAGO COUNTY, WISCONSIN

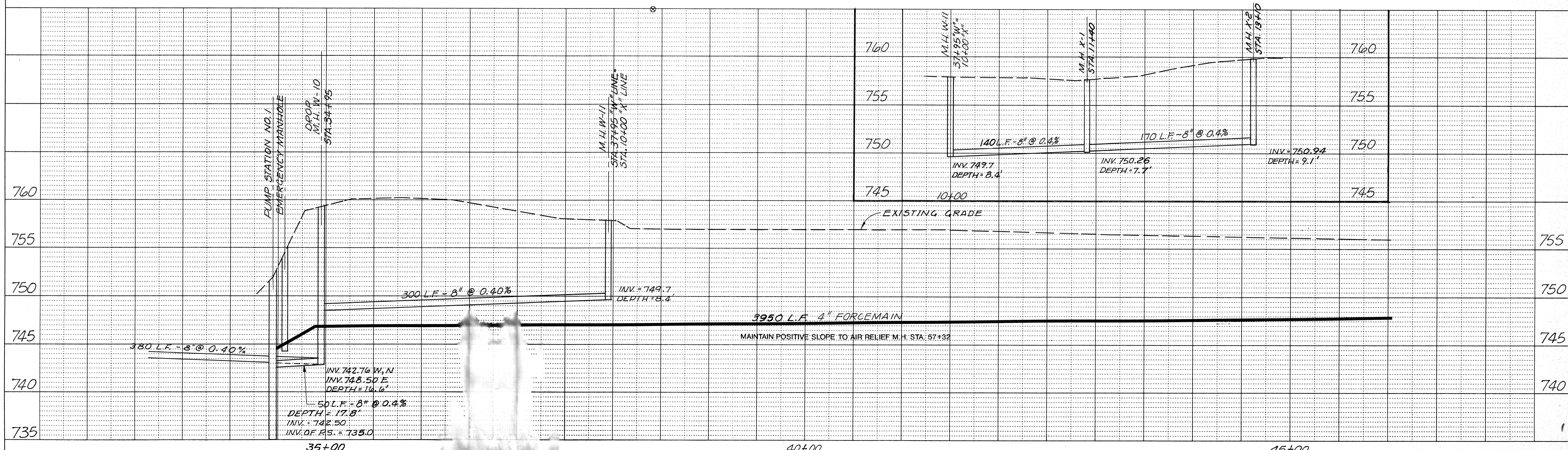
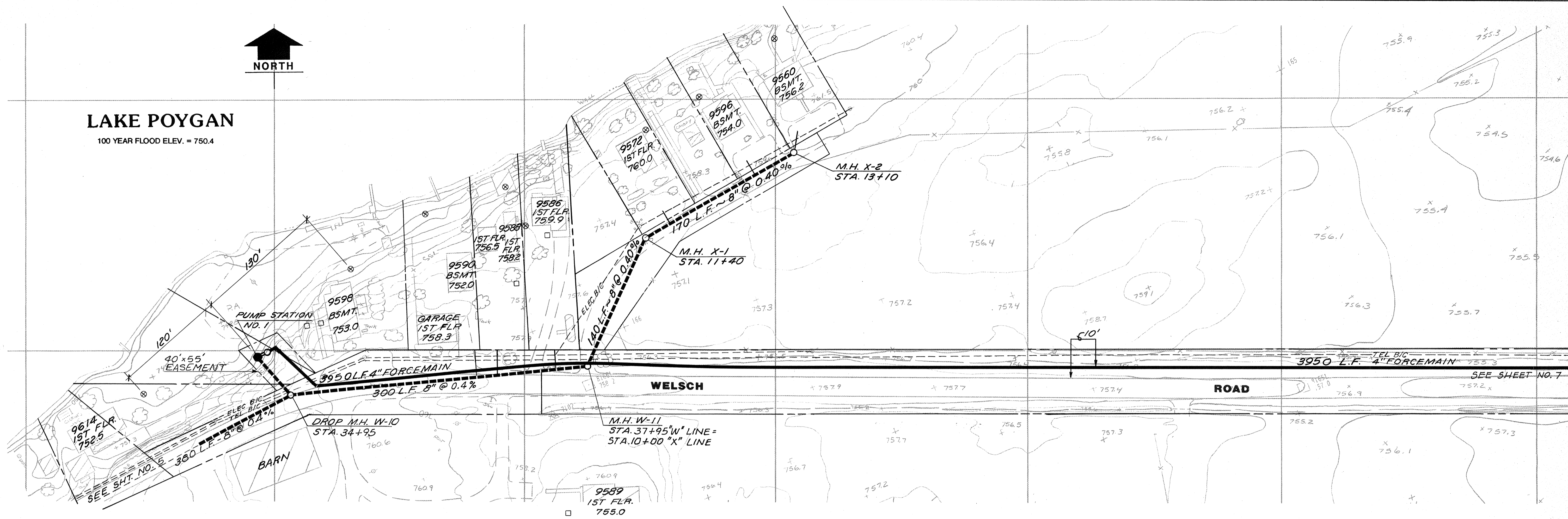
**WASTEWATER COLLECTION SYSTEM**  
**PLAN & PROFILE**

SHEET NO.  
**5**



**LAKE POYGAN**

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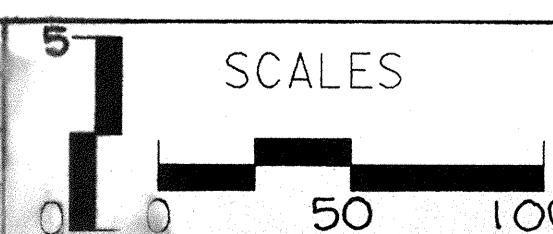


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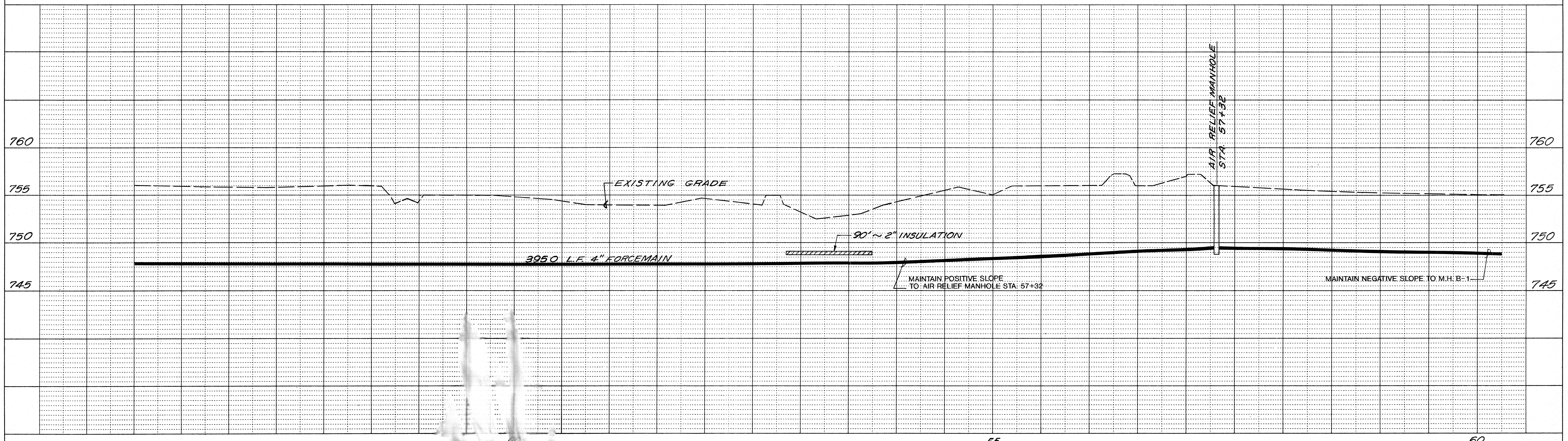
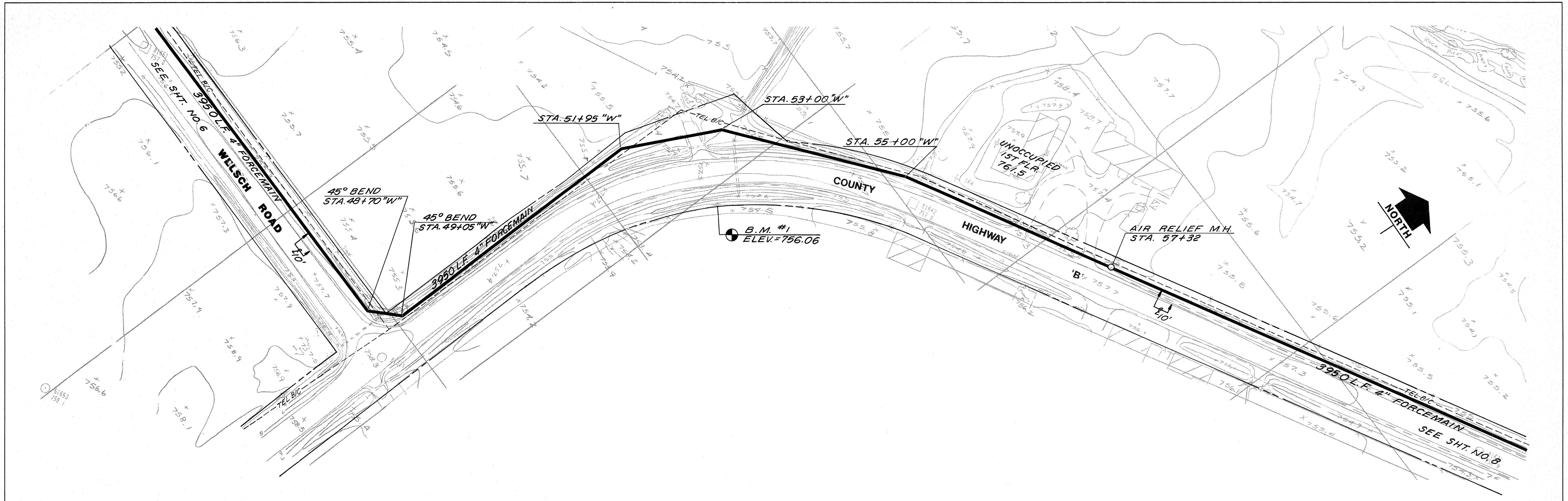


**Foth & Van Dyke**  
Engineers / Architects

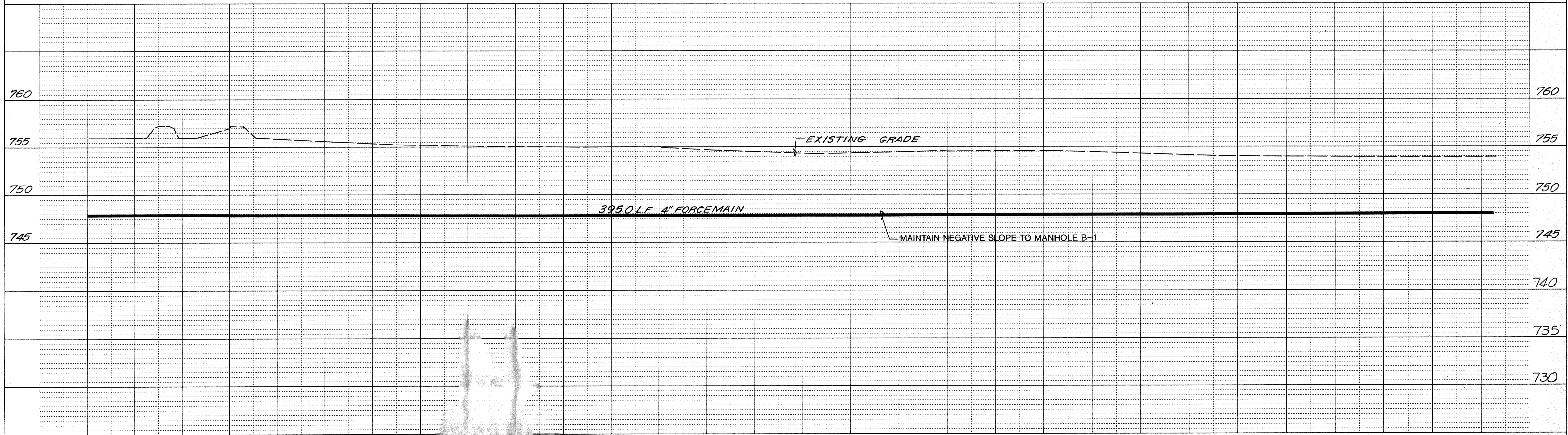
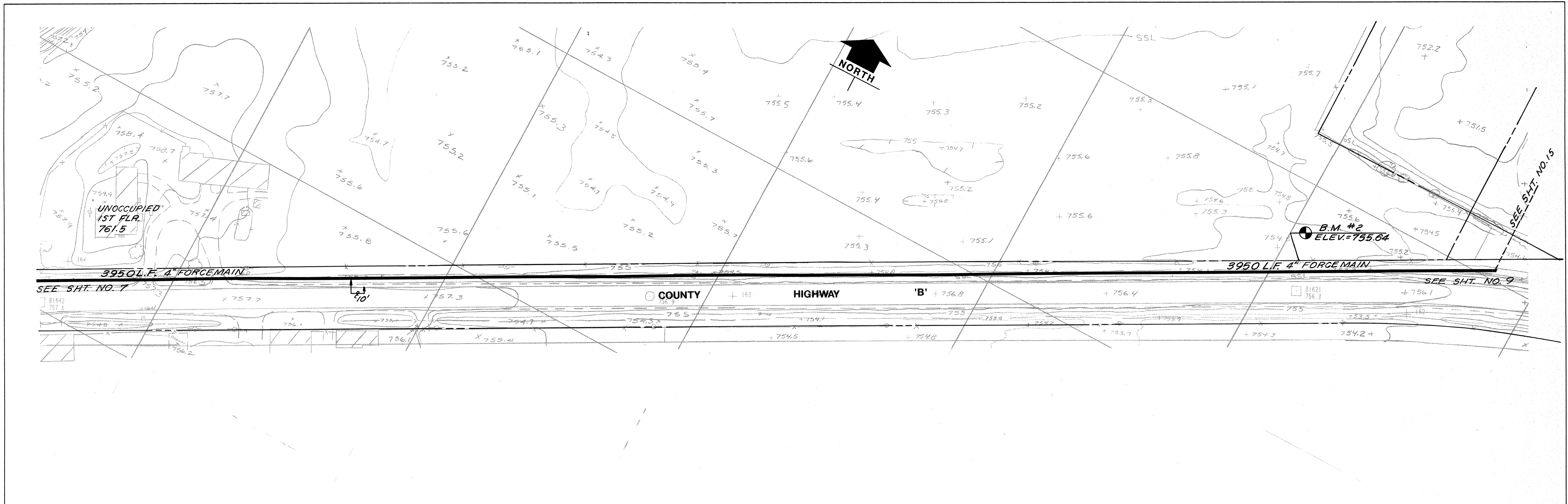
**POYGAN SANITARY DISTRICT NO. 1**  
**TOWN OF POYGAN**  
WINNEBAGO COUNTY, WISCONSIN

**WASTEWATER COLLECTION SYSTEM**  
**PLAN & PROFILE**

SHEET NO.  
**6**



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NO.	DESCRIPTION	DATE	BY

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: \_\_\_\_\_ DATE: \_\_\_\_\_

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DATE	10/12/88
SCOPE ID.	88P56/216B
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PROJECT REVIEW

DESIGN	RSG	DATE	10/10/88
REVIEW		DATE	
CHECK		DATE	

5' SCALES

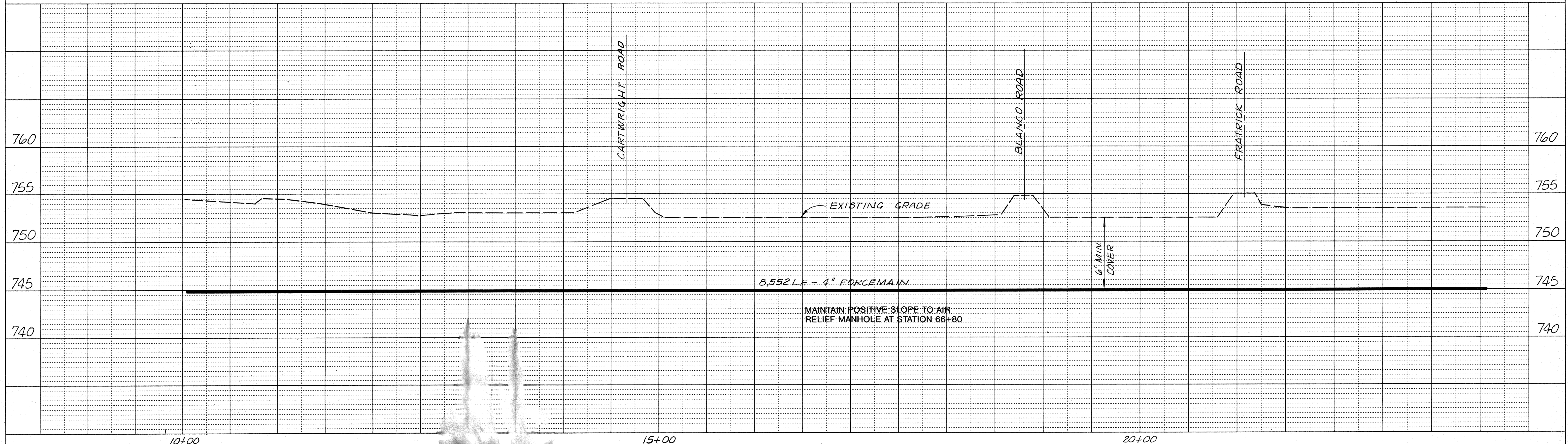
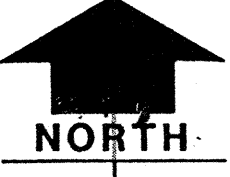
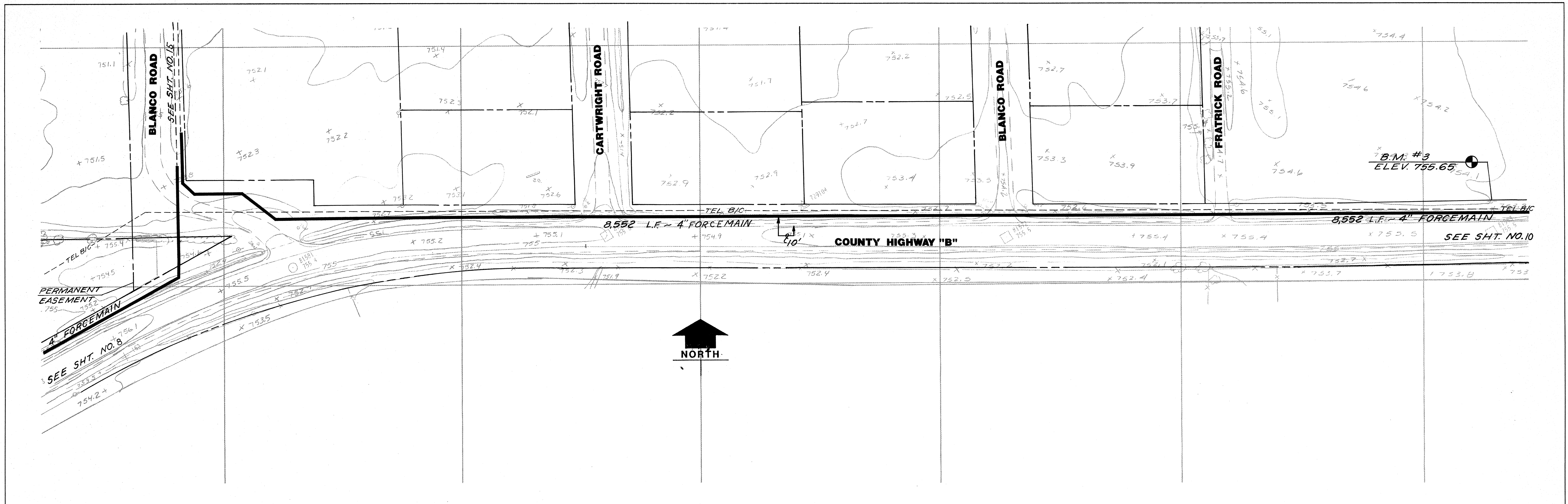
**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**8**

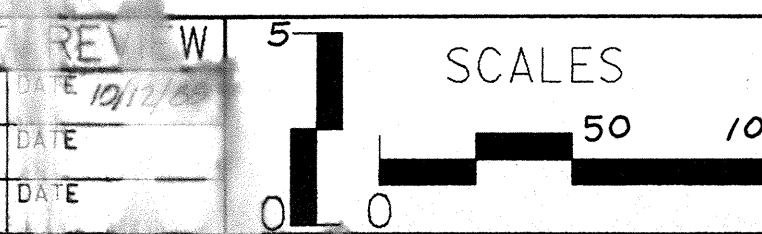




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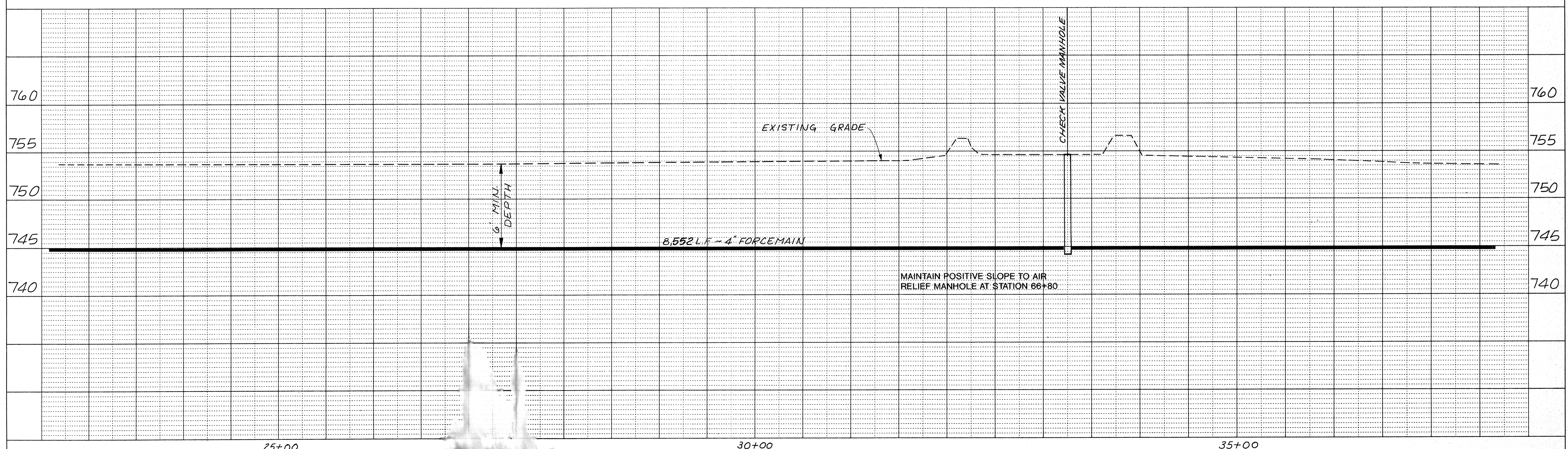
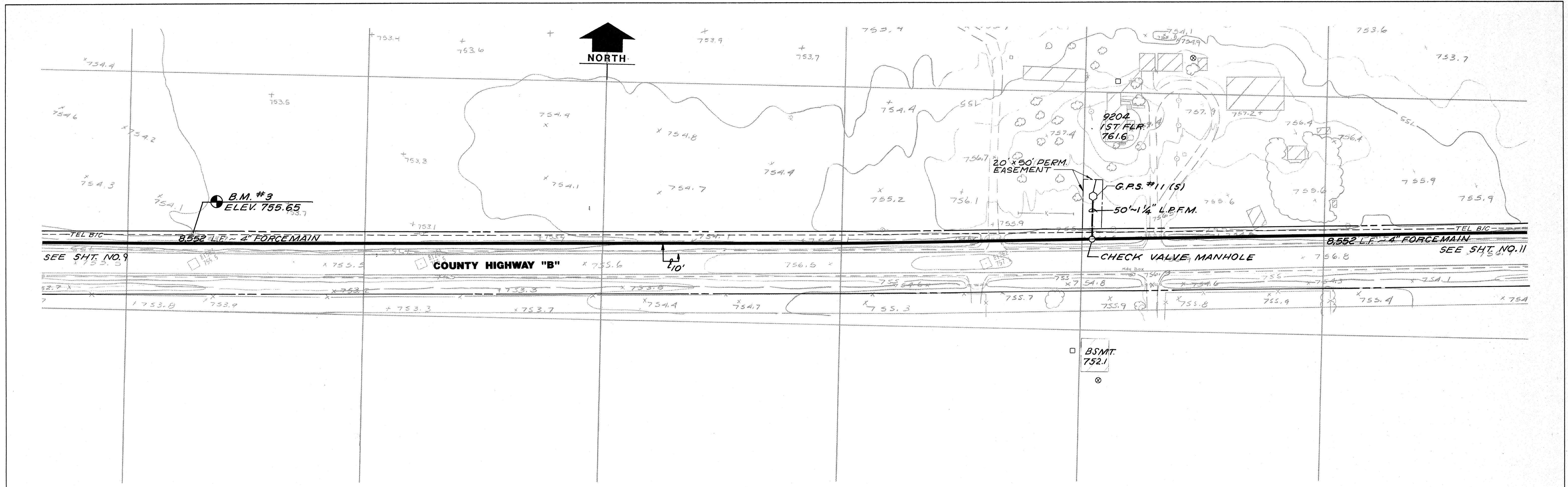


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Engineers / Architects

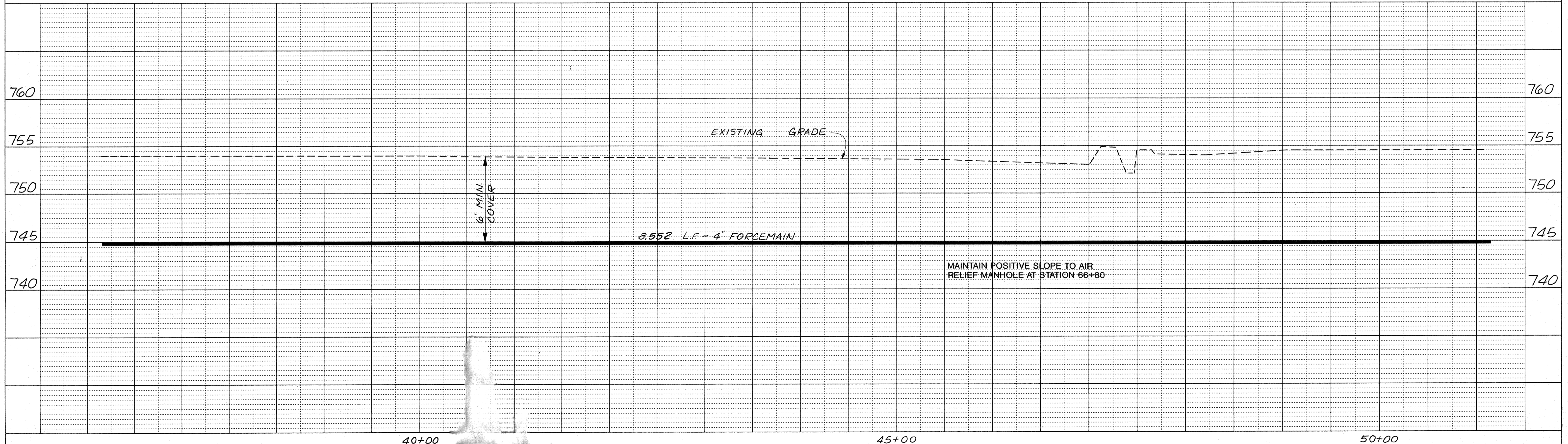
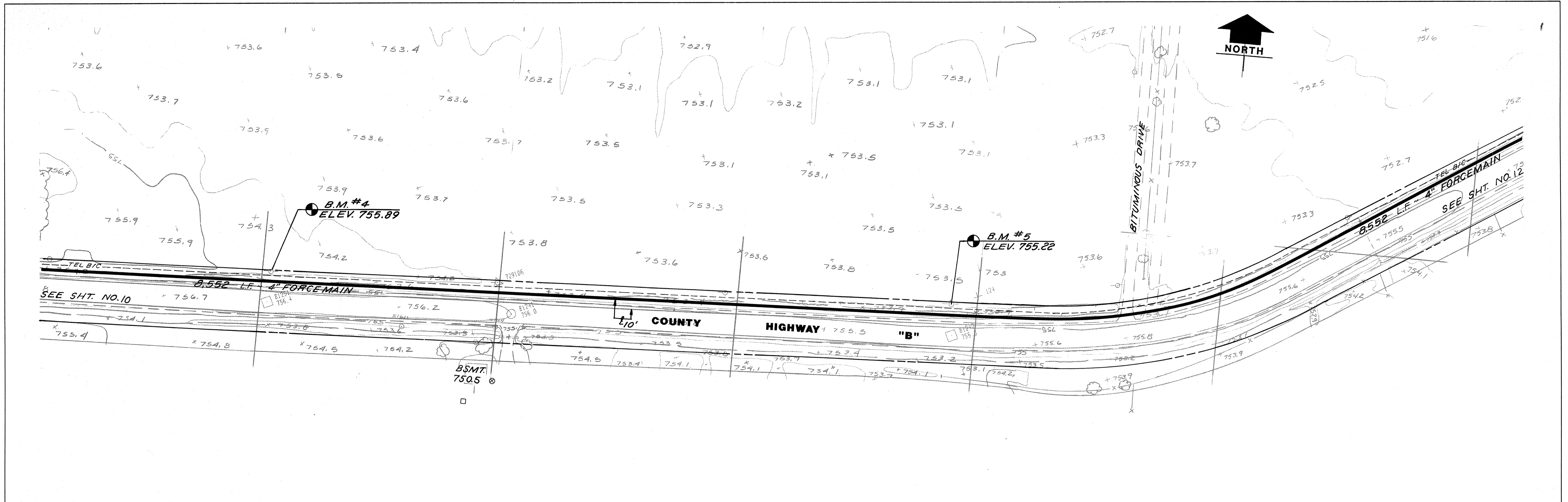
POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**9**



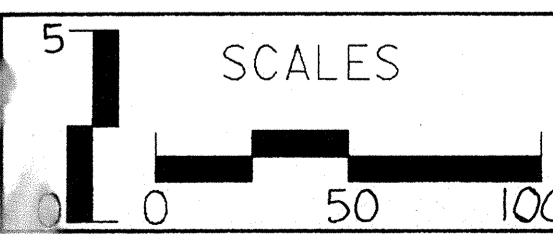
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REVISIONS		
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RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: \_\_\_\_\_ DATE: \_\_\_\_\_

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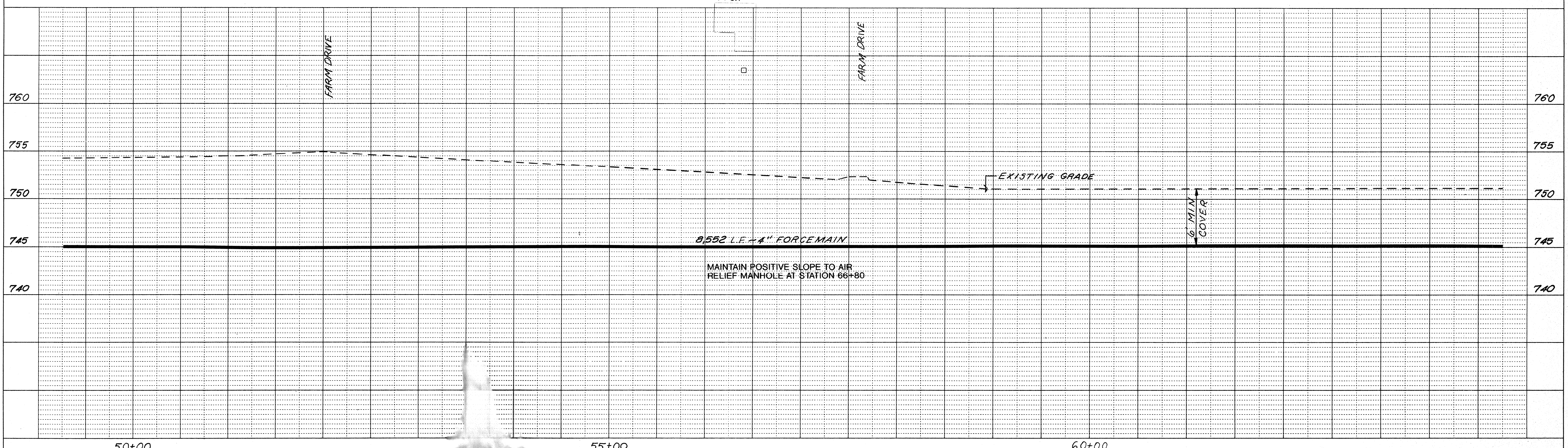
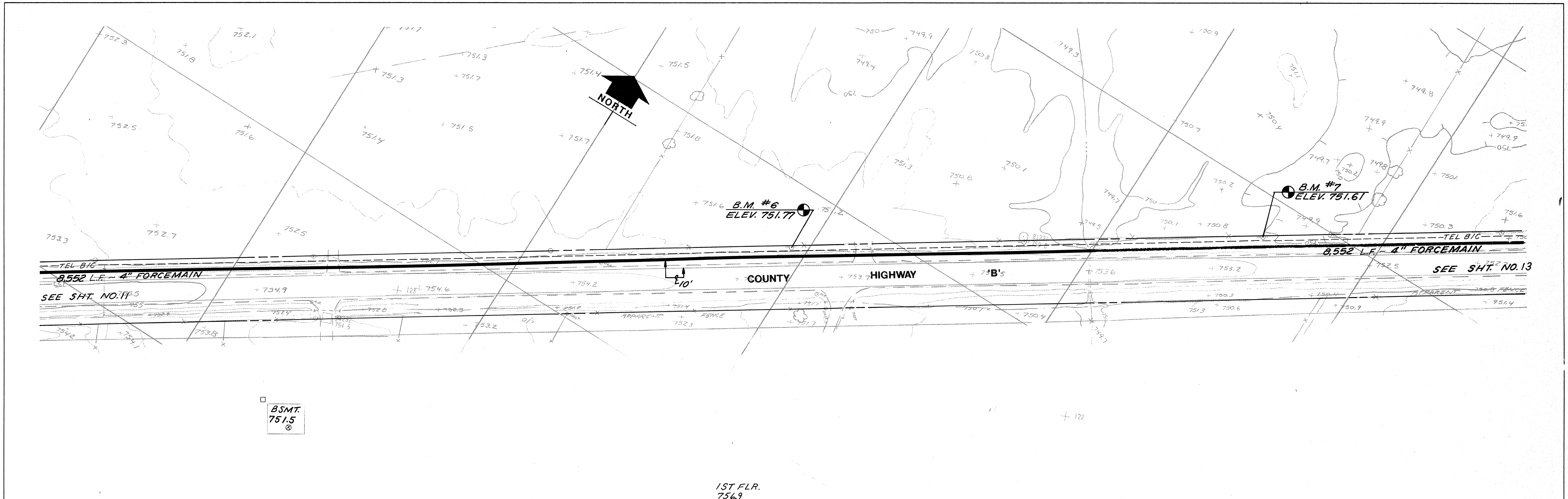


**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
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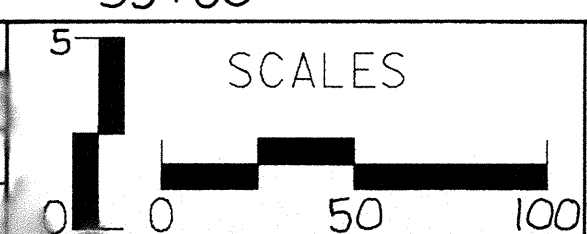


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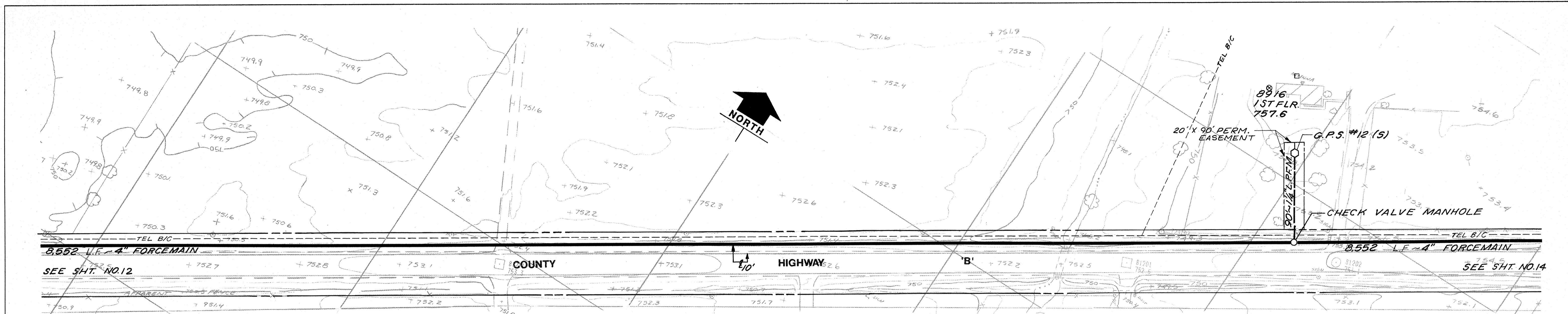


**Foth & Van Dyke**  
Engineers / Architects

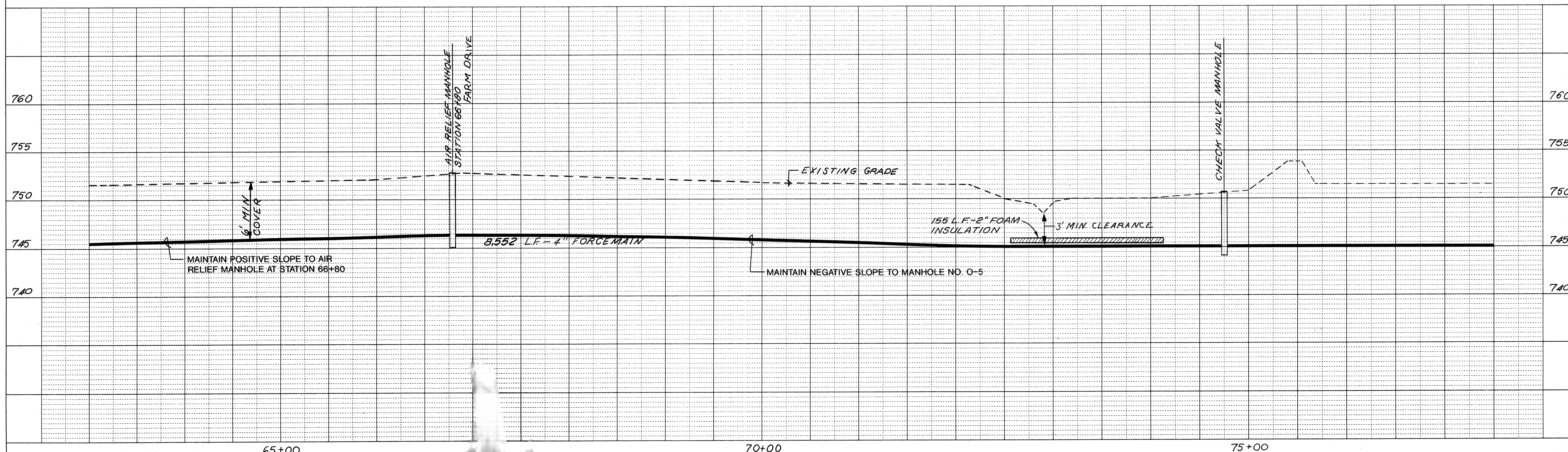
POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

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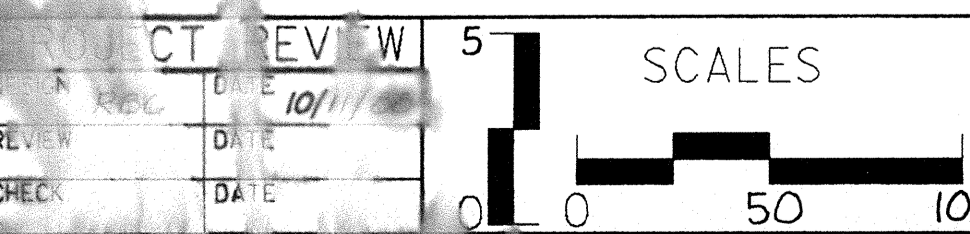
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DATE 10/13/86	DATE
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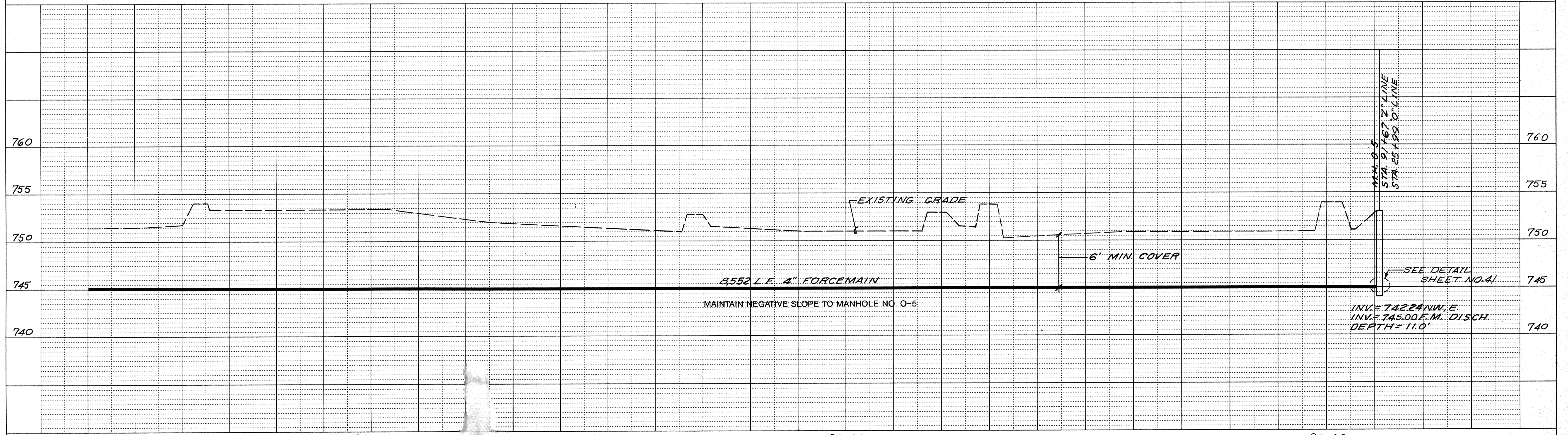
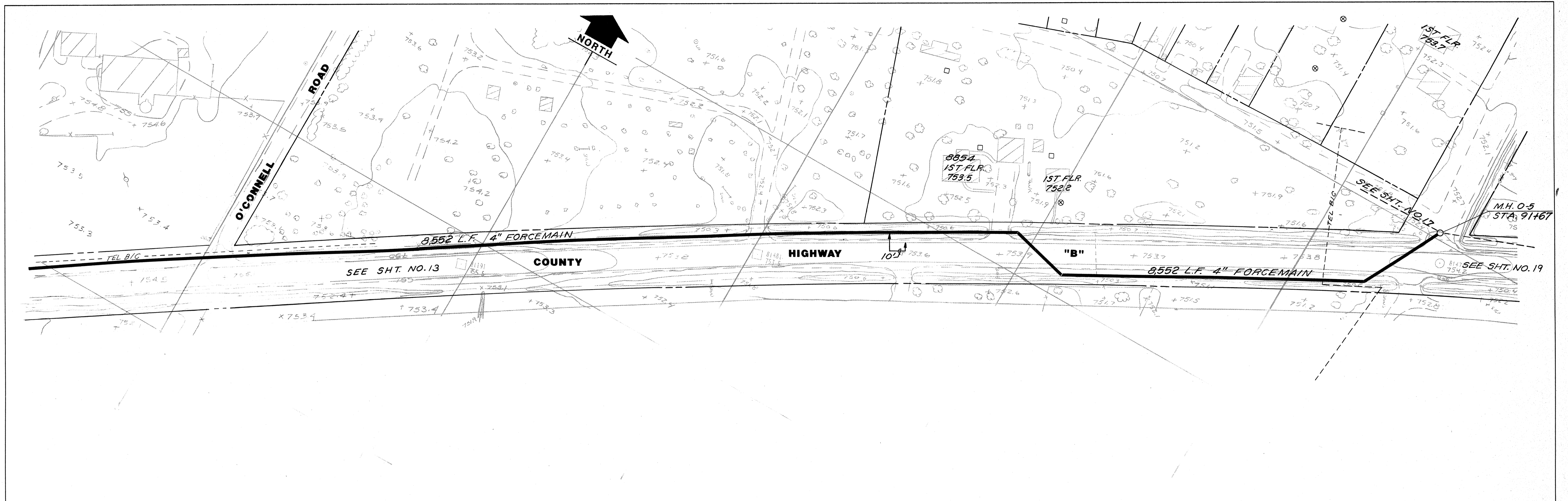


**Foth & Van Dyke**  
Engineers / Architects

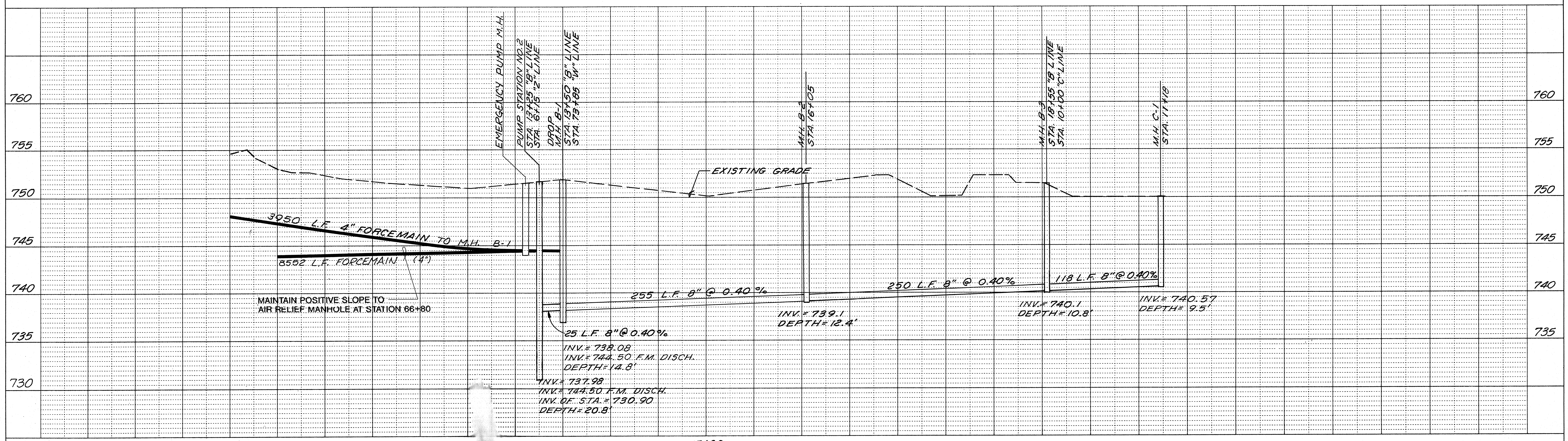
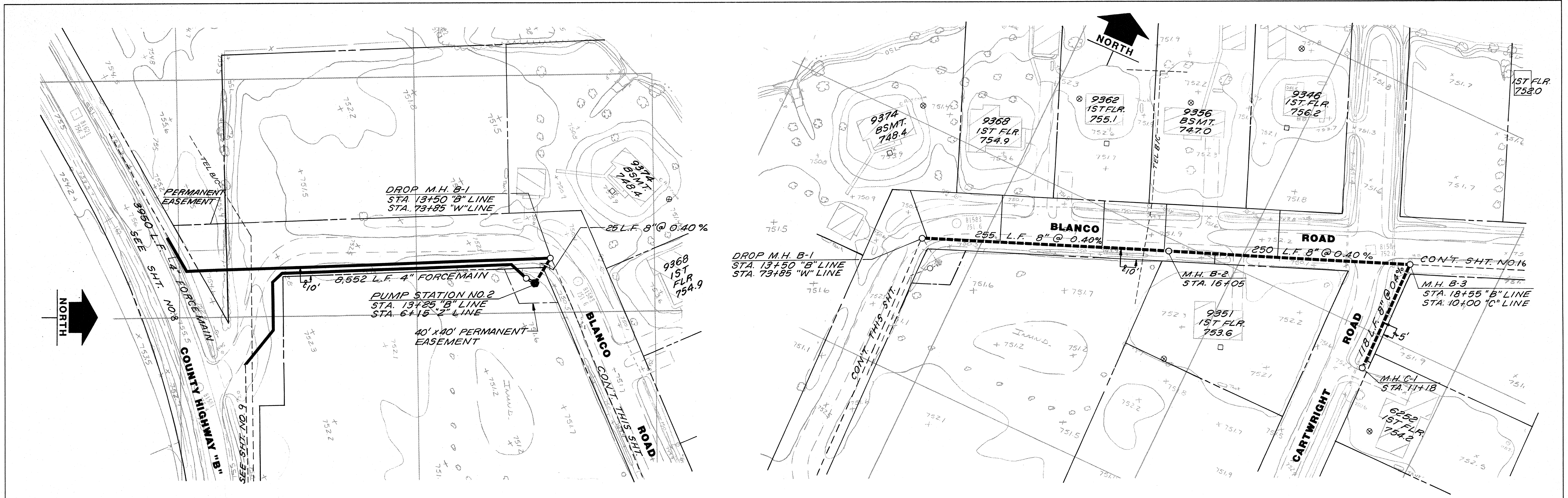
POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**13**



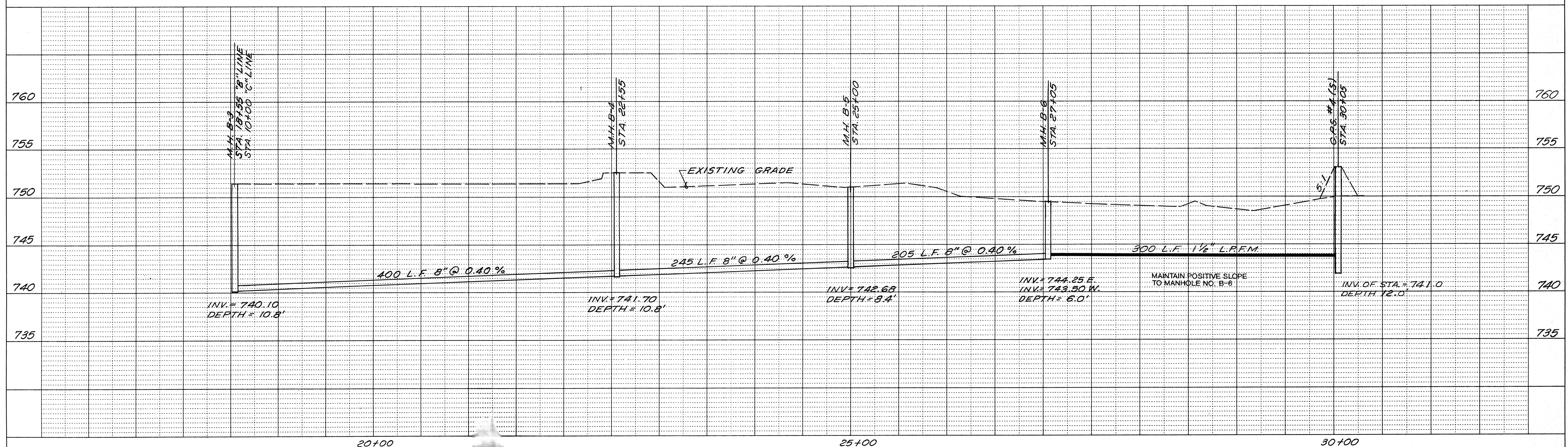
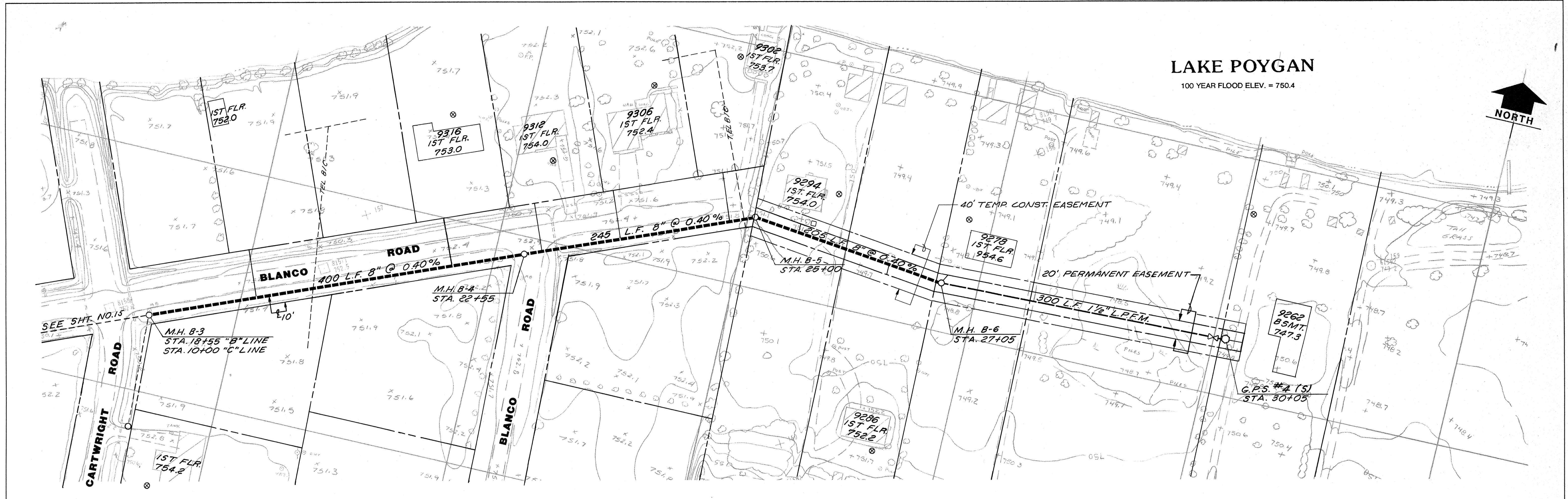
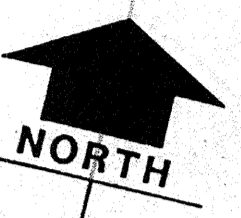
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# LAKE POYGAN

100 YEAR FLOOD ELEV. = 750.4



REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	EASEMENT	2-29-02	DLG

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: DATE:

BOOK NO.	DATE
SURVEYED BY	DATE
DRAWN BY	DATE
DATE	DATE
SCOPE I.D.	DATE
CADD FILE NO.	DATE

SCALE 1" = 5'

**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

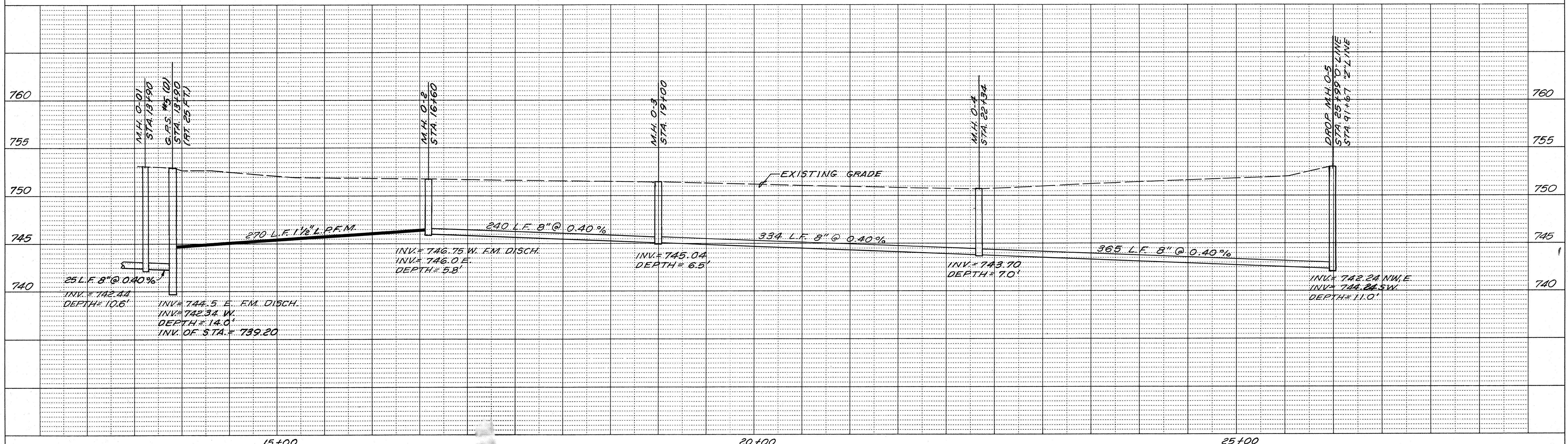
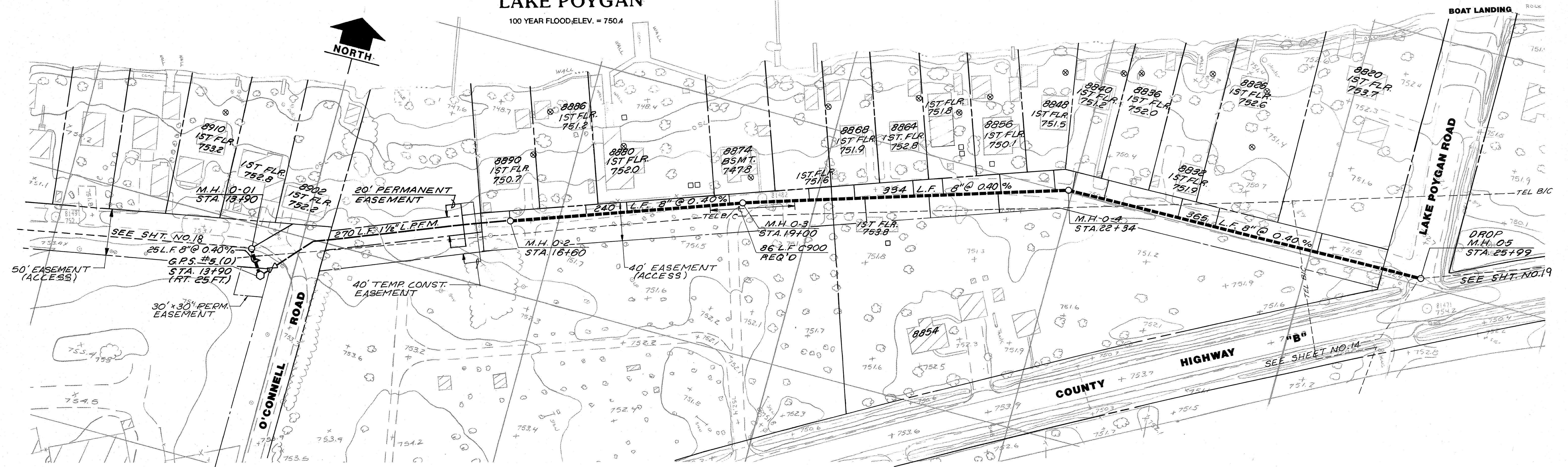
WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**16**

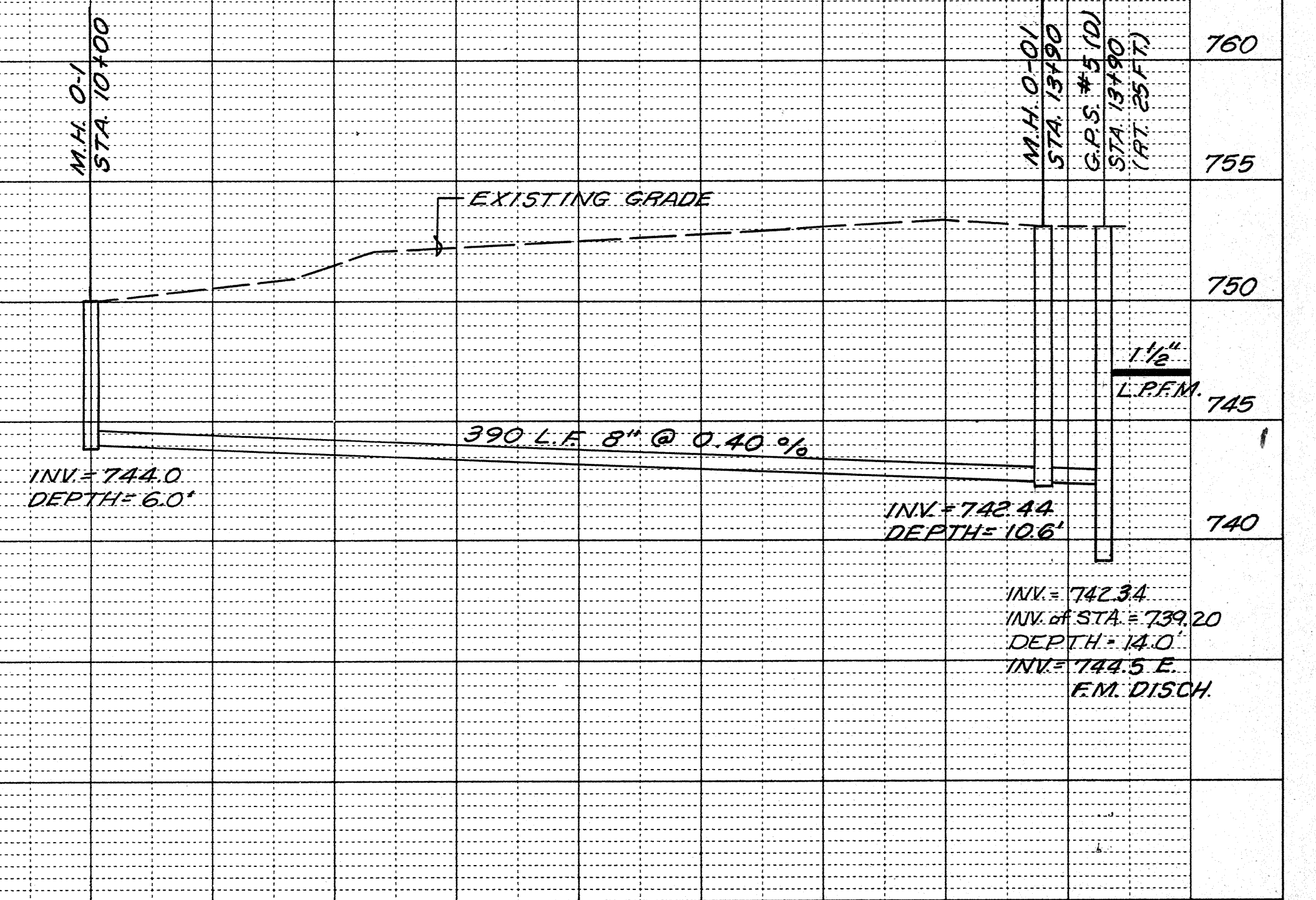
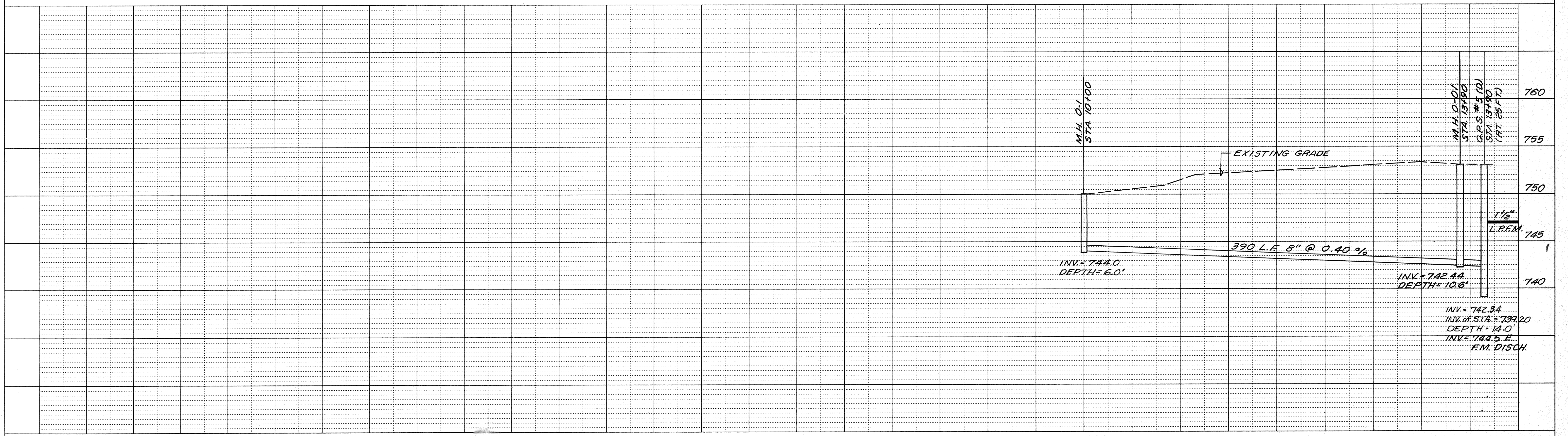
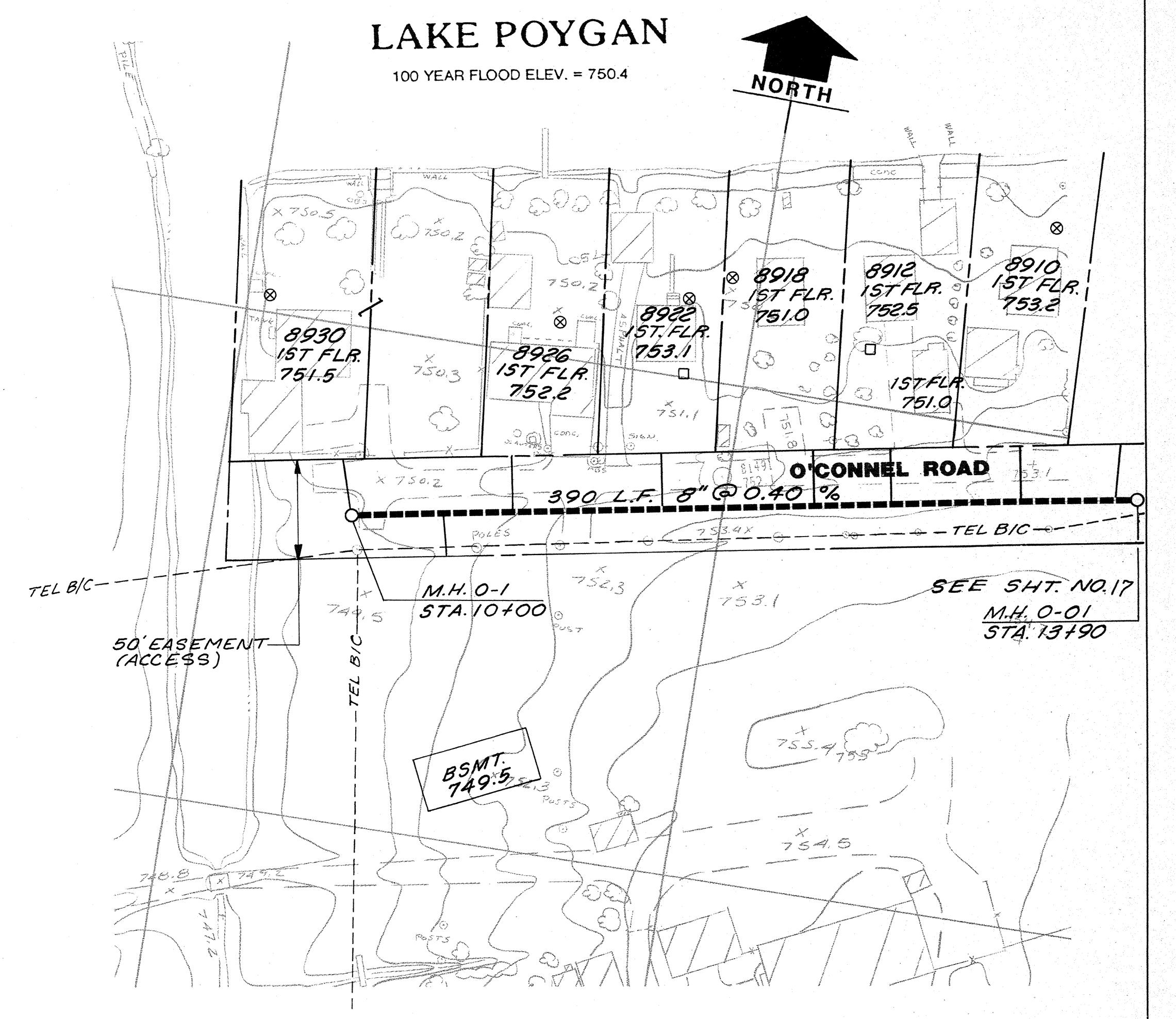
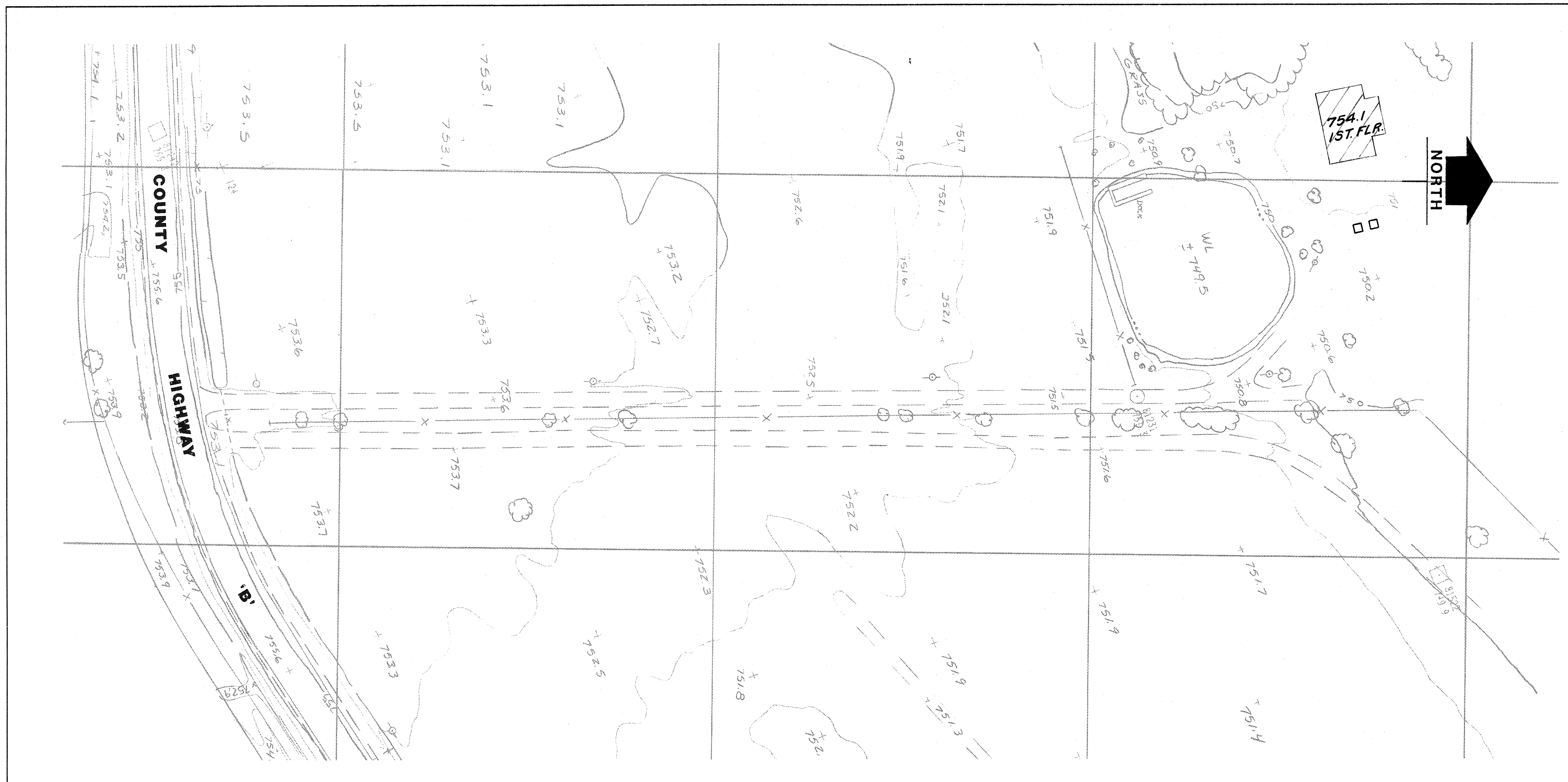


# LAKE POYGAN

100 YEAR FLOOD ELEV. = 750.4



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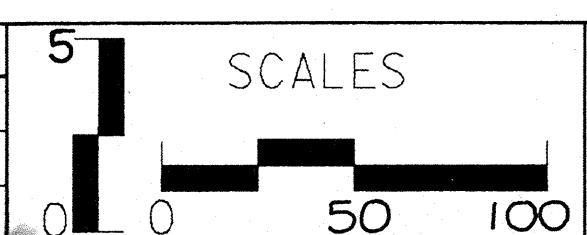


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PROJECT REVIEW: DATE: DATE: DATE:

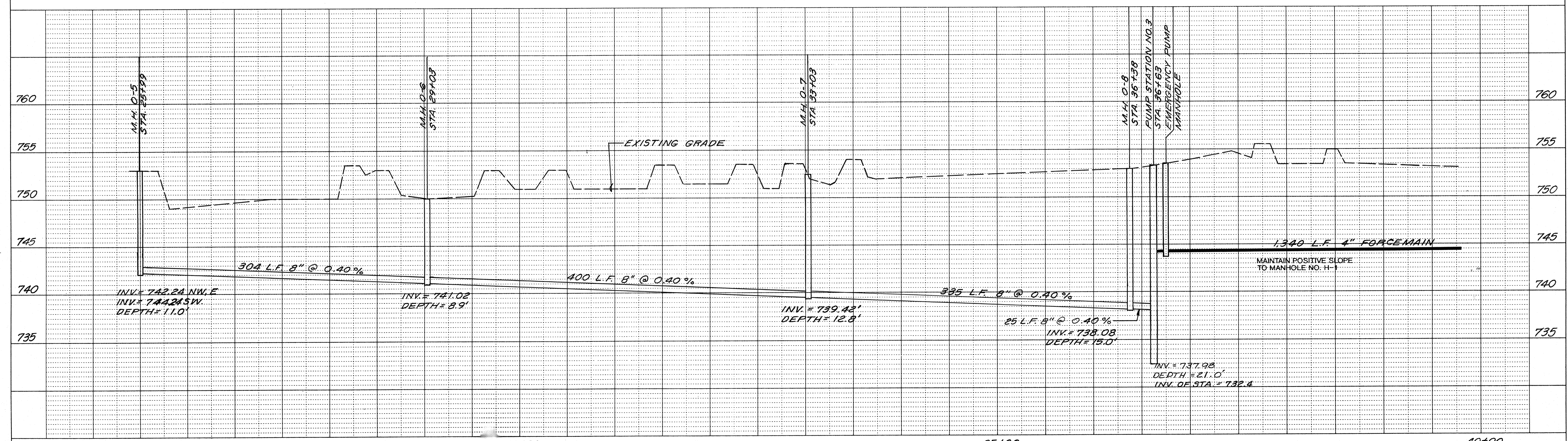
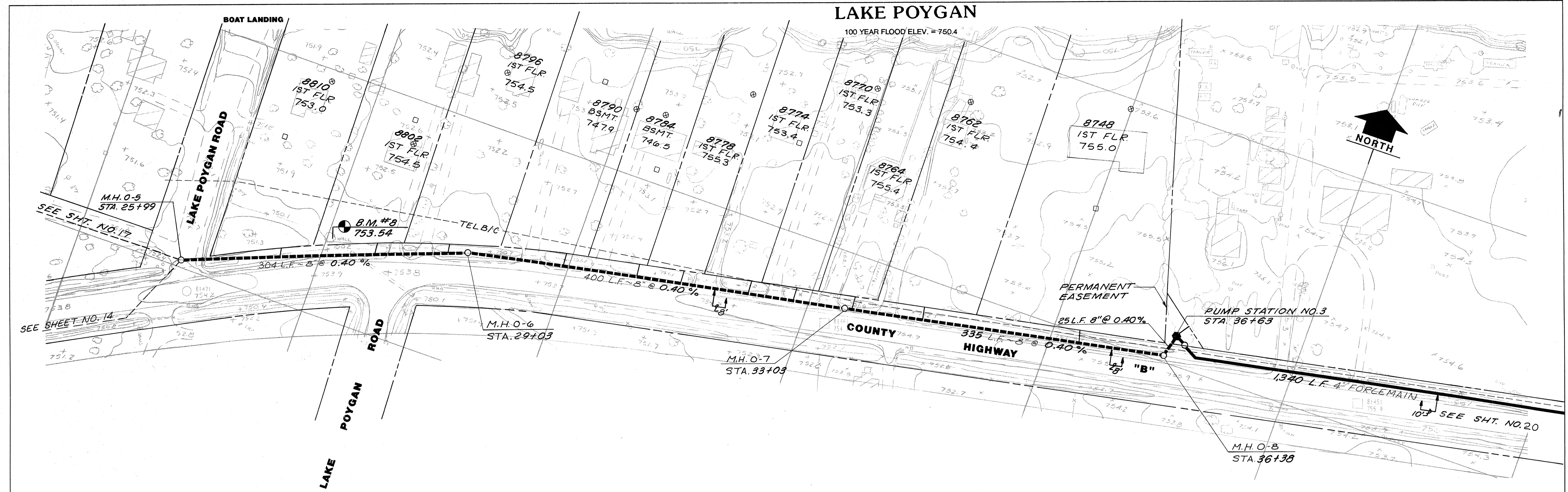


**Foth & Van Dyke**  
Engineers / Architects

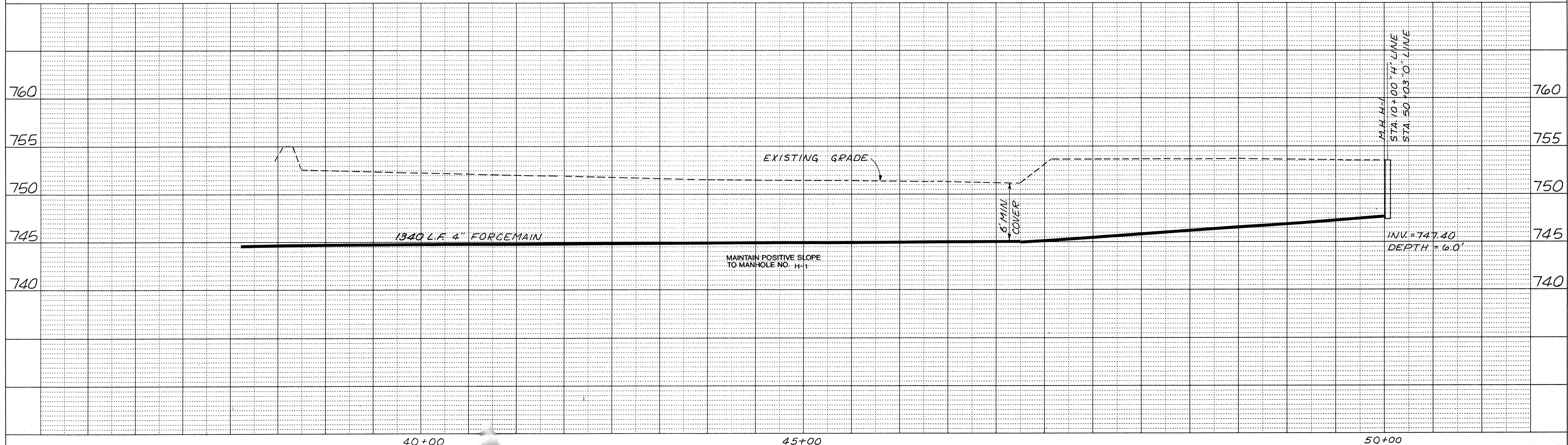
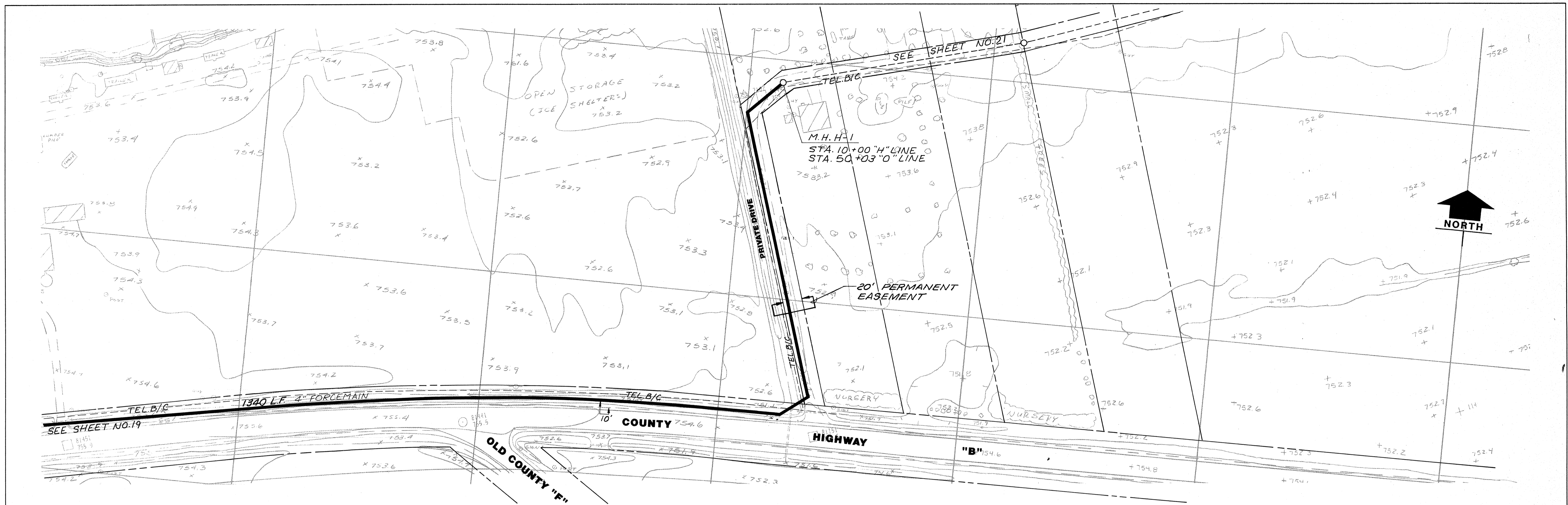
POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**18**



<b>REVISIONS</b> NO. DESCRIPTION DATE BY		RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: DATE:		BOOK NO. SURVEYED BY: <b>DLC / FAM</b> DRAWN BY: <b>10/13/03</b> DATE: <b>08/26/03</b> CHECKED: <b>08/26/03</b> DATE:		<b>PR</b> <b>CT REVIEW</b> DATE: <b>10/1/03</b> DATE:		<b>SCALES</b> 0 50 100		<b>Foth &amp; Van Dyke</b> Engineers / Architects		<b>POYGAN SANITARY DISTRICT NO. 1</b> <b>TOWN OF POYGAN</b> WINNEBAGO COUNTY, WISCONSIN		<b>WASTEWATER COLLECTION SYSTEM</b> <b>PLAN &amp; PROFILE</b>		SHEET NO. <b>19</b>	
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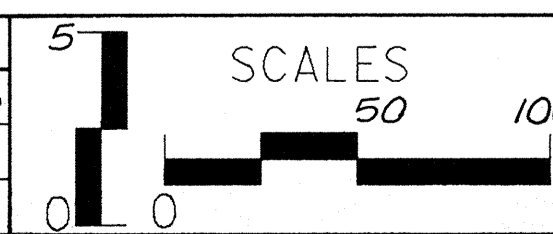


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NO.	DESCRIPTION	DATE	BY

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BOOK NO.	
SURVEYED BY	
DRAWN BY	DLG/FAM
DATE	10/13/88
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CADD FILE NO.	

PROJECT REVIEW	
DESIGN	DATE 10/11/88
REVISION	DATE
OTHER	DATE



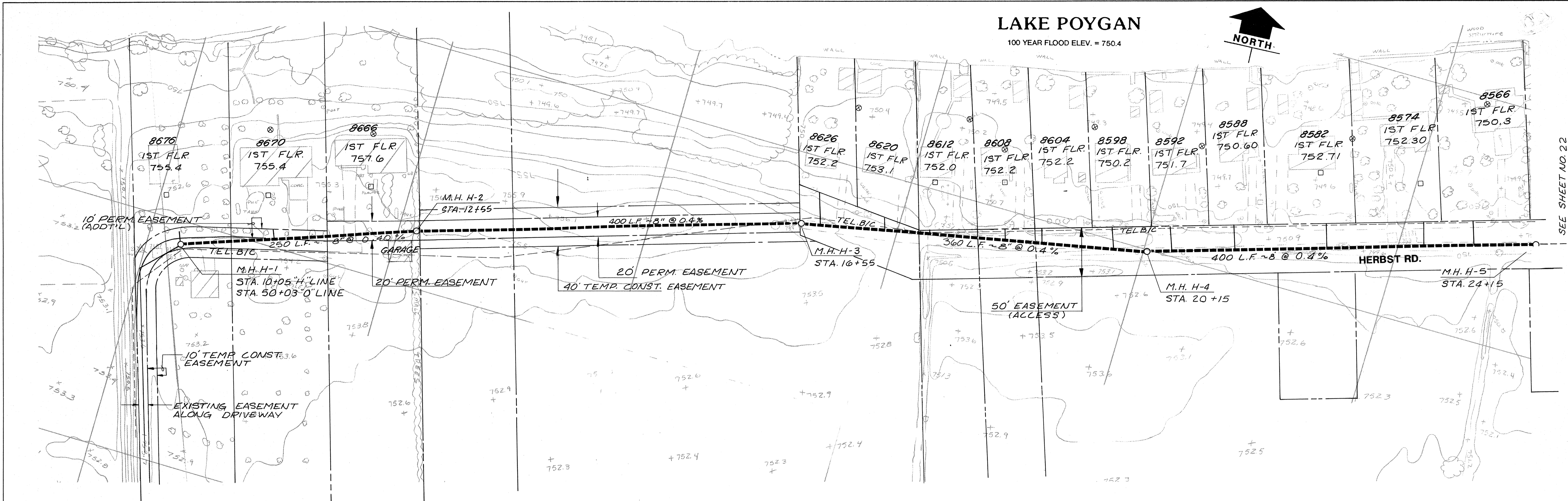
**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

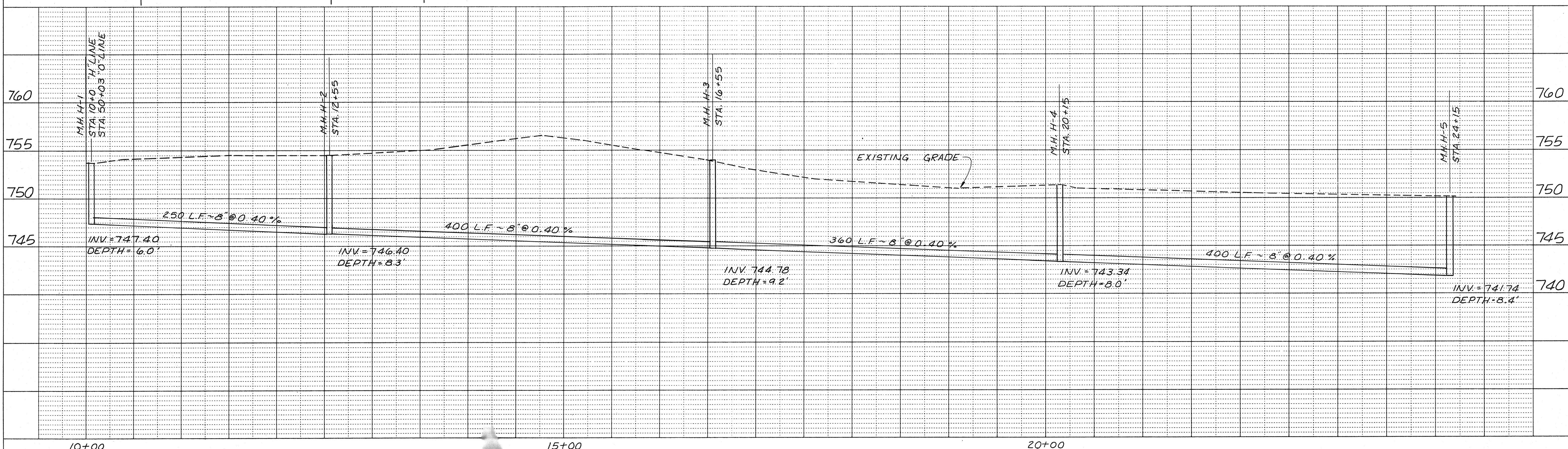
WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**20**

**LAKE POYGAN**  
100 YEAR FLOOD ELEV. = 750.4



SEE SHEET NO. 22

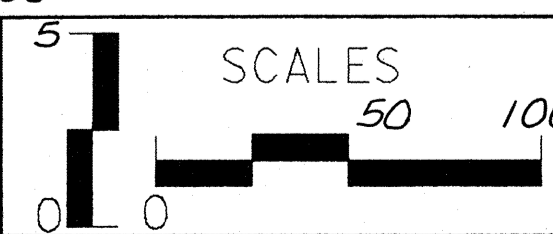


REVISIONS		
NO.	DESCRIPTION	DATE BY
1	EASEMENT	2.89 DLG

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: \_\_\_\_\_ DATE: \_\_\_\_\_

BOOK NO.	DESIGN
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DATE	DATE
SCOPE ID.	DATE
CADD FILE NO.	

PROJECT REVIEW  
5  
DATE 10/11/88

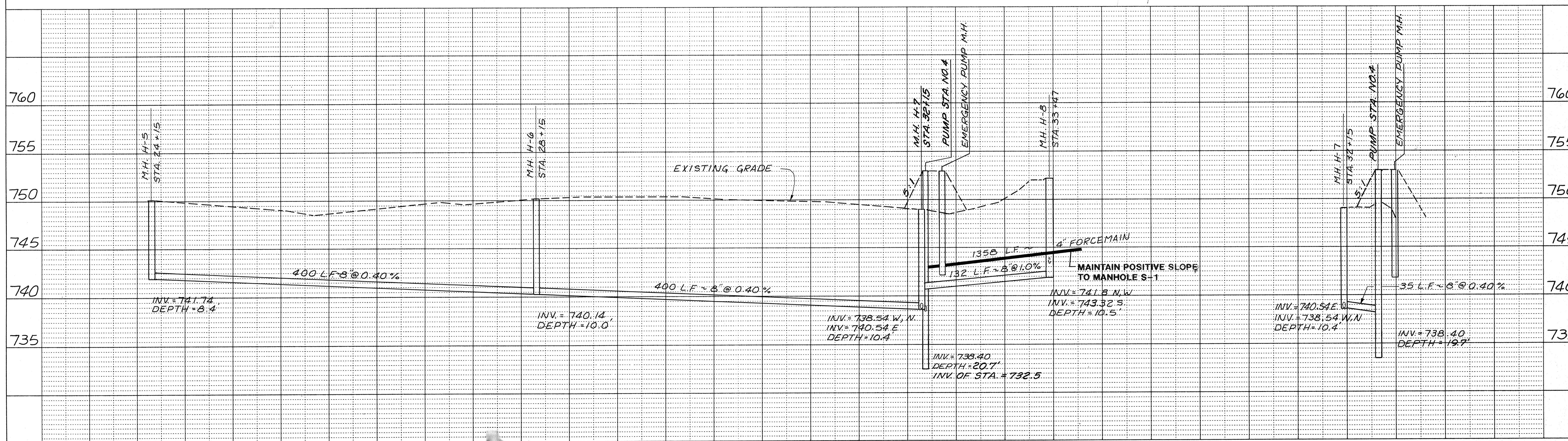
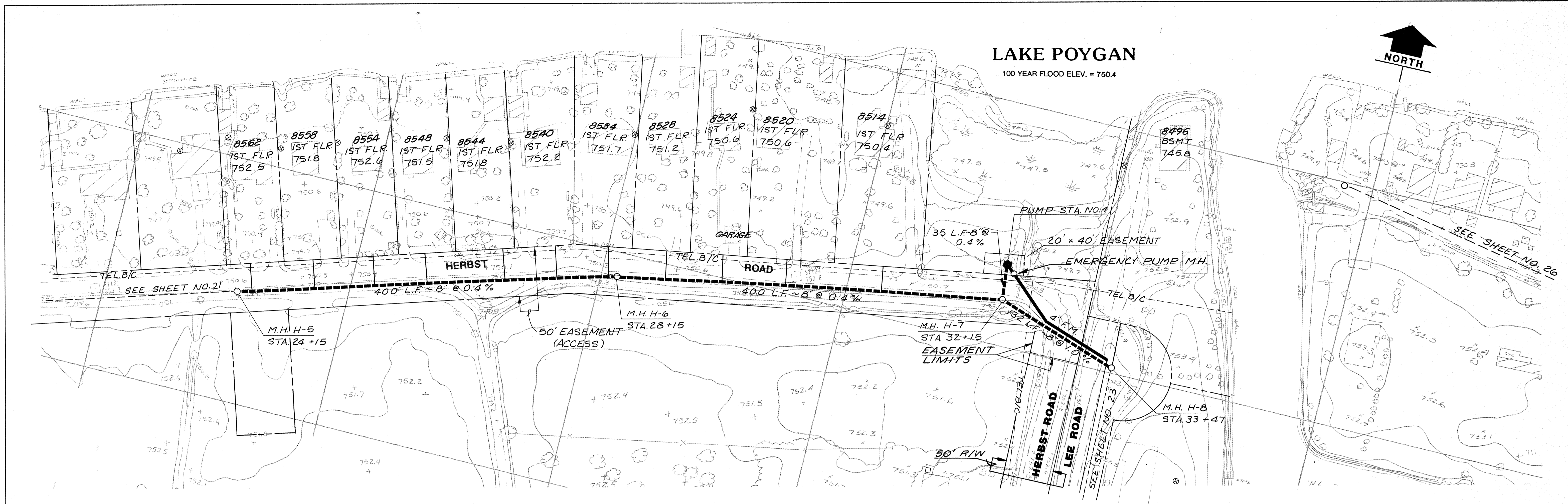


**Foth & Van Dyke**  
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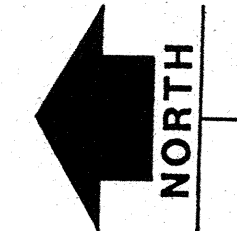
POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
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WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

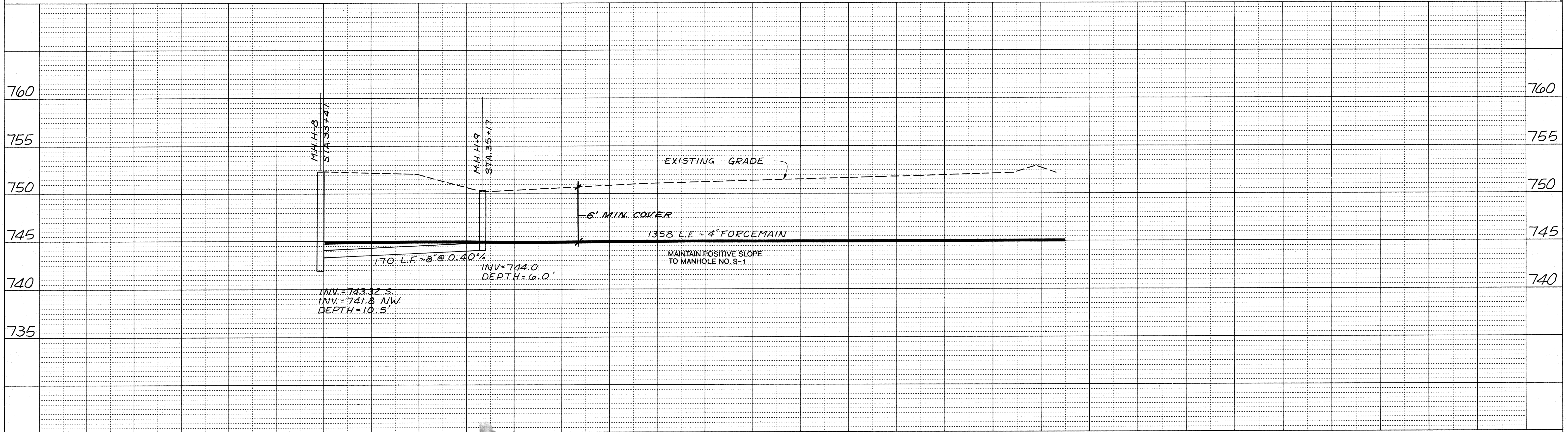
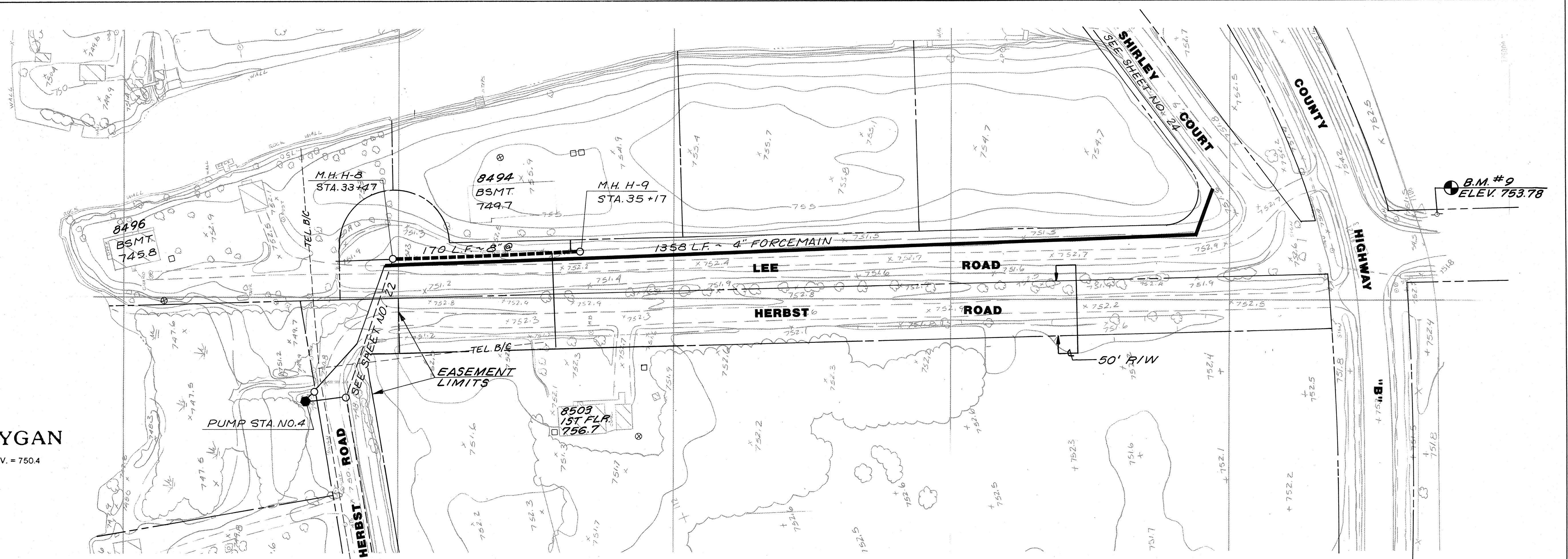
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**21**



<b>REVISIONS</b> NO. DESCRIPTION DATE BY		RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: DATE:		<b>PROJECT REVIEW</b> BOOK NO. SURVEYED BY: <i>FAM/DLC</i> DESIGN DATE: <i>10/12/88</i> DRAWN BY: <i>FAM/DLC</i> REVISION DATE: <i>10/14/88</i> DATE: <i>10/14/88</i> CHECKED DATE: <i>10/14/88</i> SCOPE I.D. <i>88P56/2168</i> CAD FILE NO.		<b>SCALES</b> 0 50 100		<b>Foth &amp; Van Dyke</b> Engineers / Architects		<b>POYGAN SANITARY DISTRICT NO. 1</b> <b>TOWN OF POYGAN</b> WINNEBAGO COUNTY, WISCONSIN		<b>WASTEWATER COLLECTION SYSTEM</b> <b>PLAN &amp; PROFILE</b>		SHEET NO. <b>22</b>	
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**LAKE POYGAN**  
100 YEAR FLOOD ELEV. = 750.4

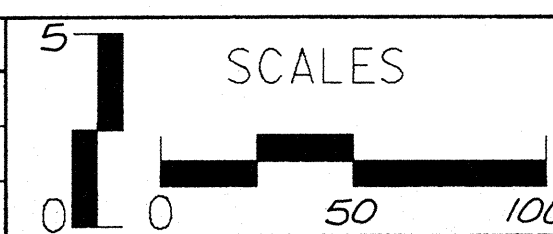


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RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: \_\_\_\_\_ DATE: \_\_\_\_\_

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SURVEYED BY	
DRAWN BY	FAM/DLC
DATE	10/14/88
SCOPE NO.	88P56/2163
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PROJECT REVIEW	
DESIGN	DATE 10/12/88
REVIEW	DATE
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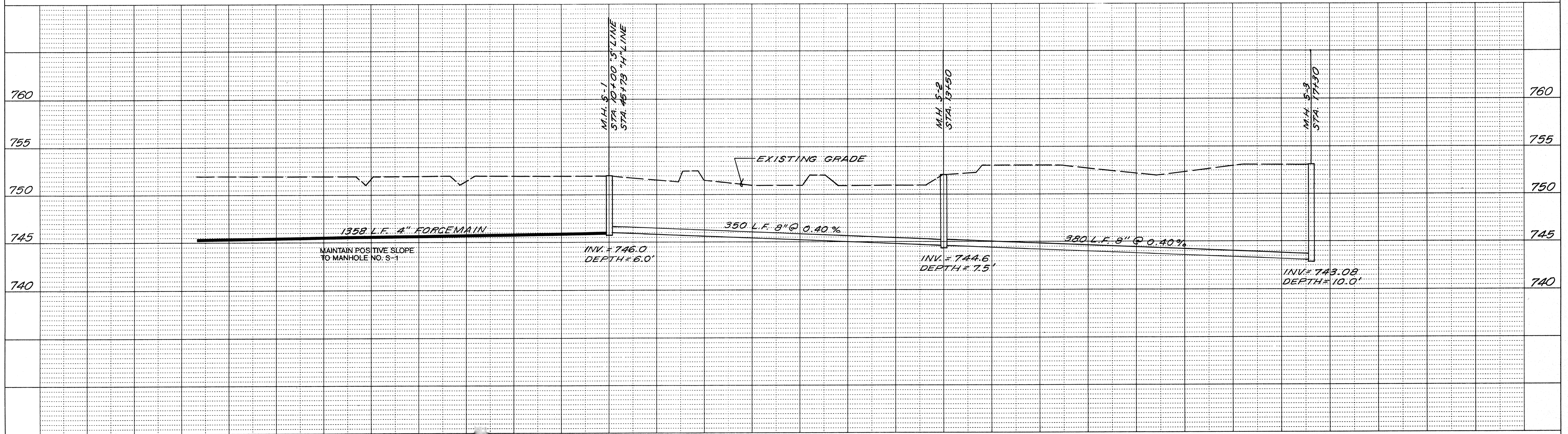
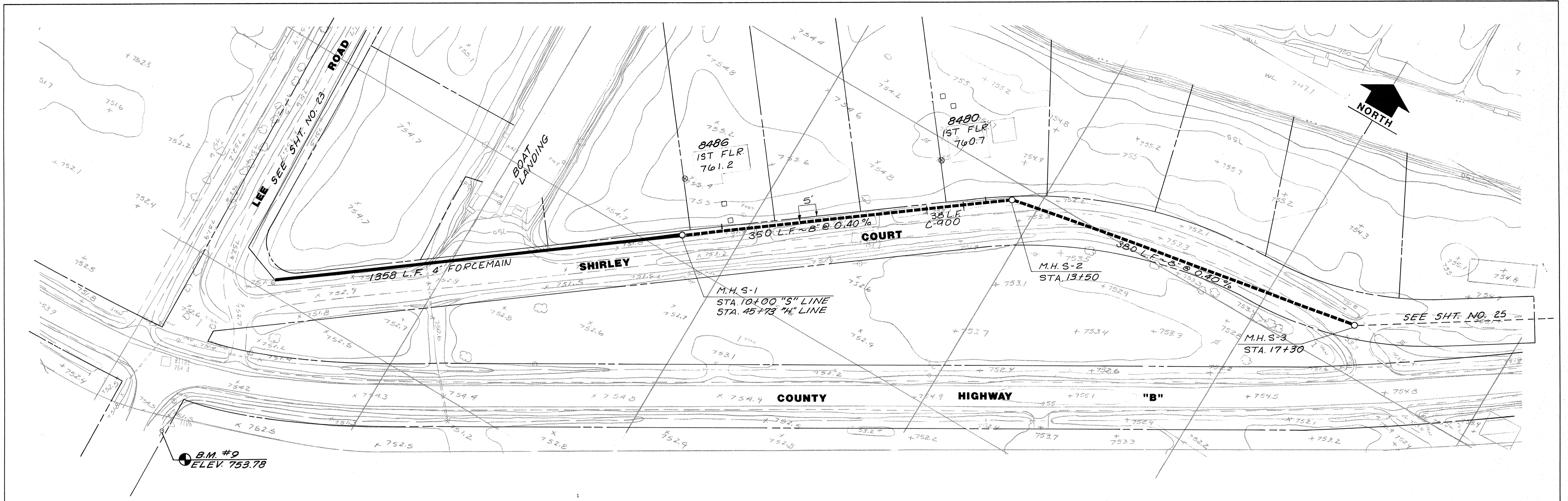


**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**23**

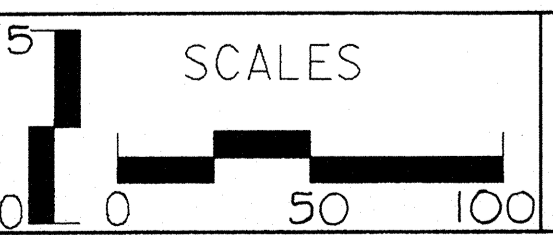


REVISIONS			
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PROJECT REVIEW DESIGN DATE: **10/12/88** REVIEW DATE: CHECK DATE:



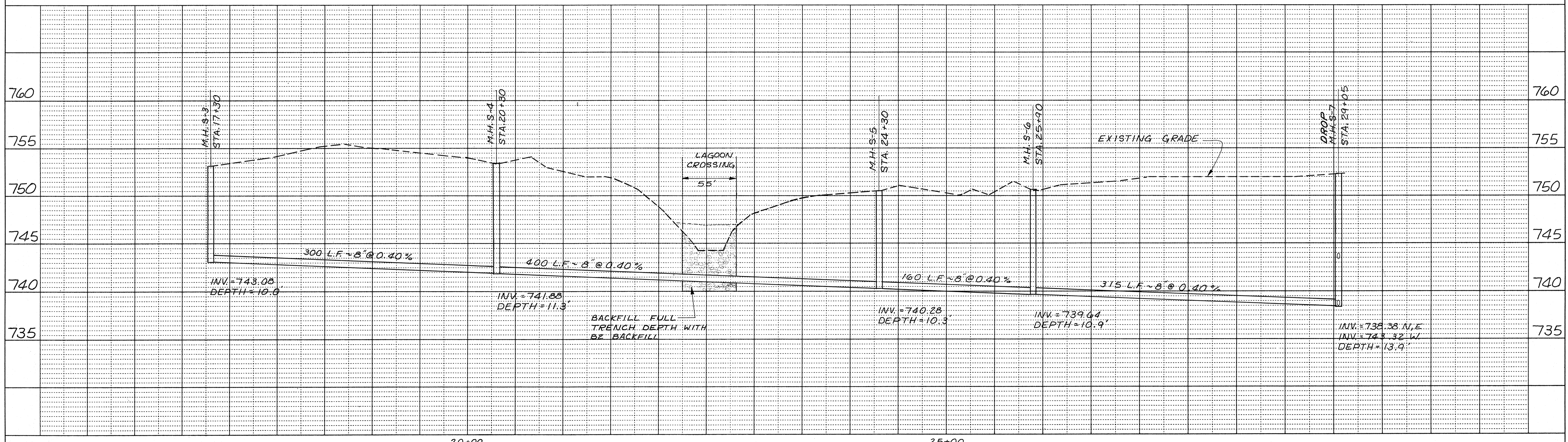
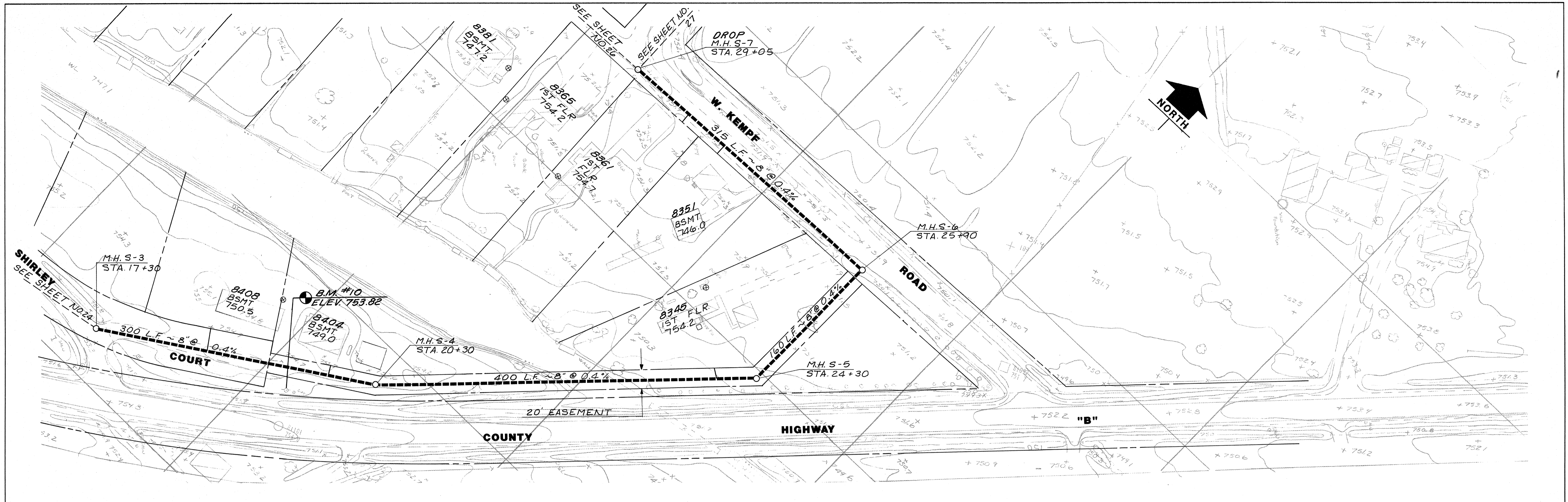
**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

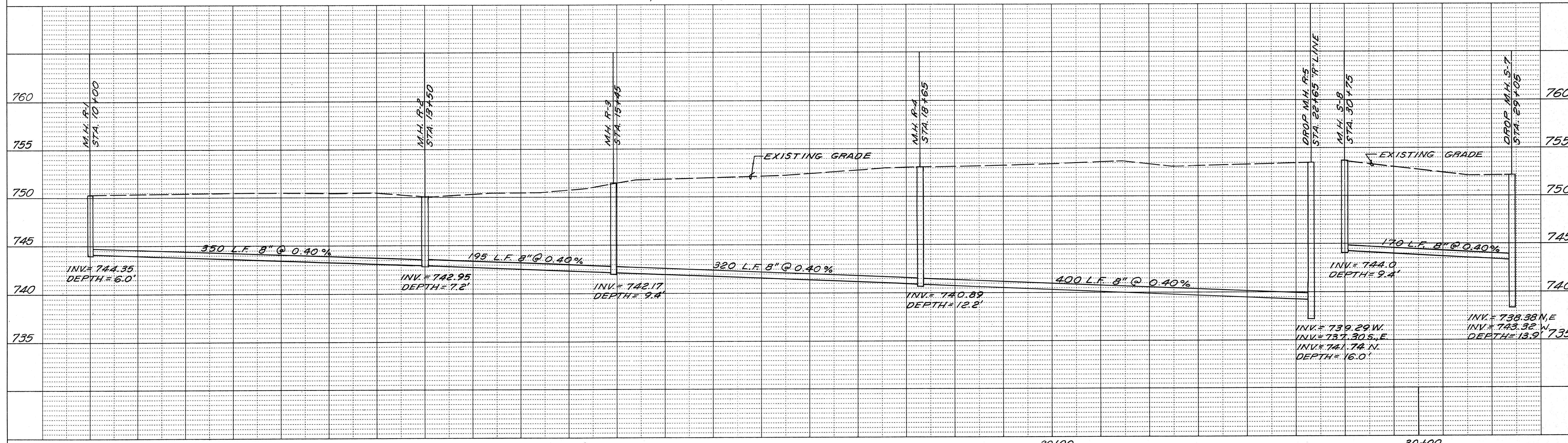
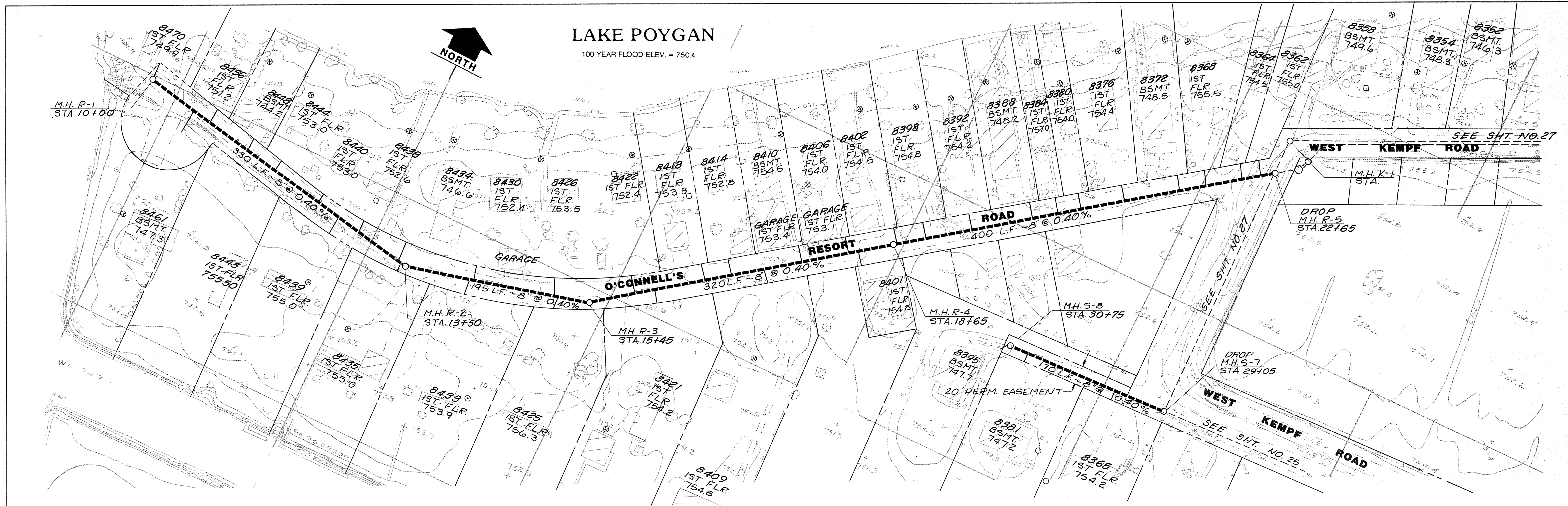
WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**24**





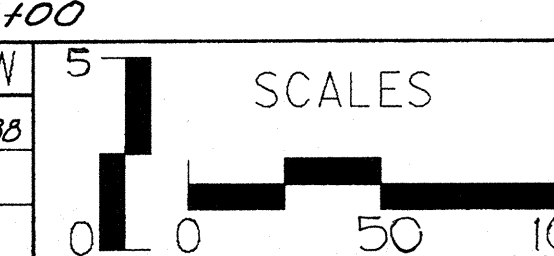
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REVISIONS		
NO.	DESCRIPTION	DATE BY
1	EASEMENT	2-89/DLC

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT REVIEW			
DESIGNED BY	DATE	DESIGN	DATE
DLC/FAM	10/14/88	RBC	10/12/88
DATE		REVIEW	DATE
SCOPE NO. 88P56/2168		CHECK	DATE
CADD FILE NO.			



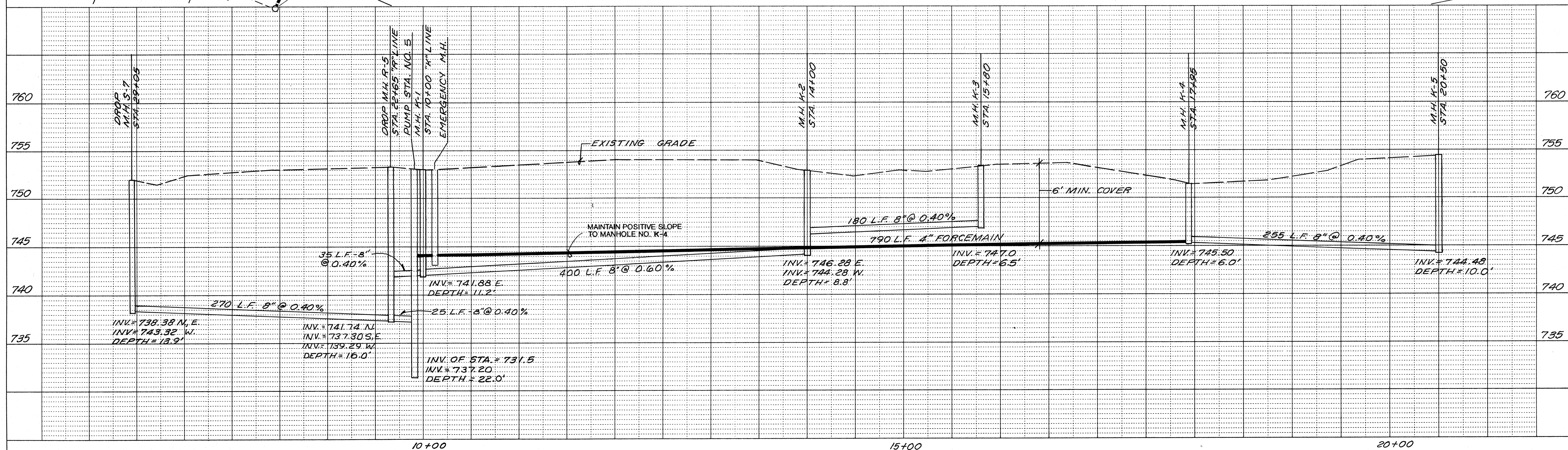
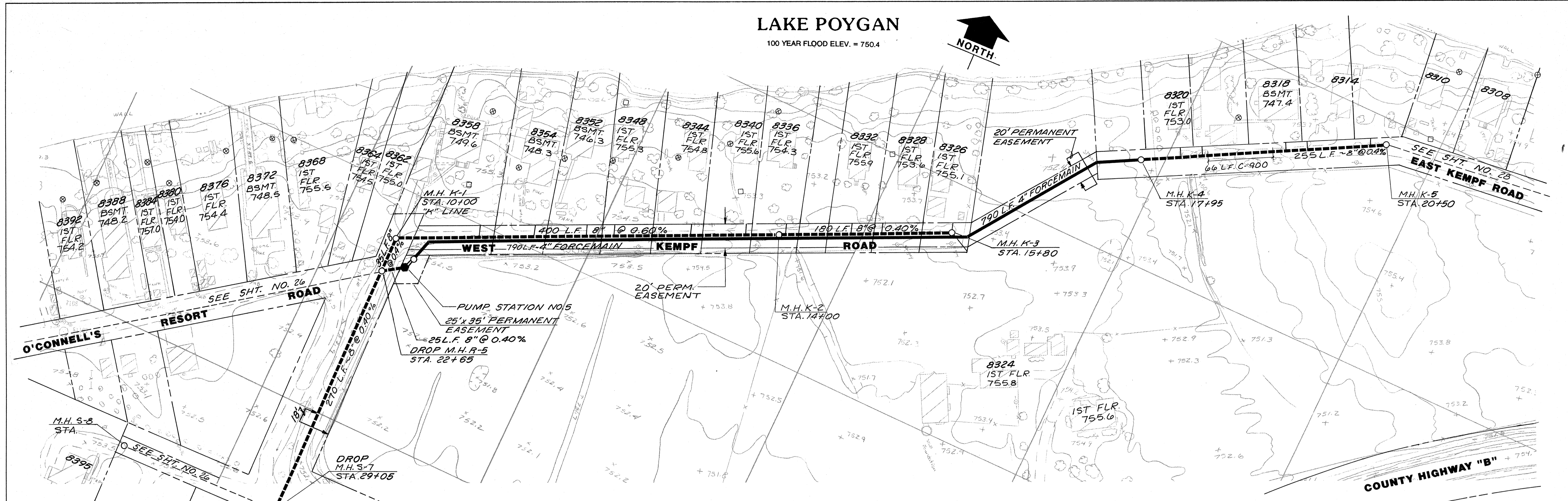
**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**26**

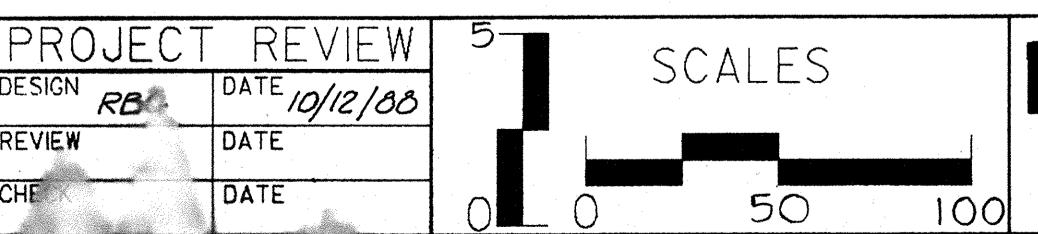
**LAKE POYGAN**  
100 YEAR FLOOD ELEV. = 750.4



REVISIONS			
NO.	DESCRIPTION	DATE	BY

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: DATE:

BOOK NO.	PROJECT REVIEW
SURVEYED BY	DESIGN <b>RB</b>
DRAWN BY <b>FAM/DLL</b>	DATE <b>10/12/08</b>
DATE <b>10/14/08</b>	REVIEW
SCOPE I.D. <b>88P56/2163</b>	CHEK
CADD FILE NO.	DATE



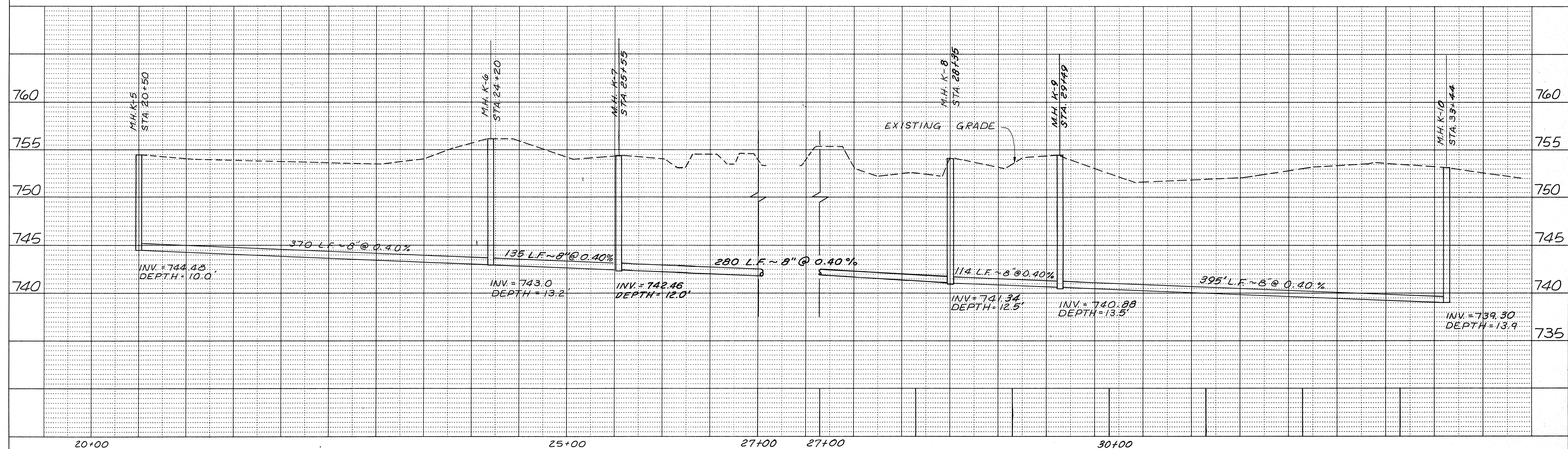
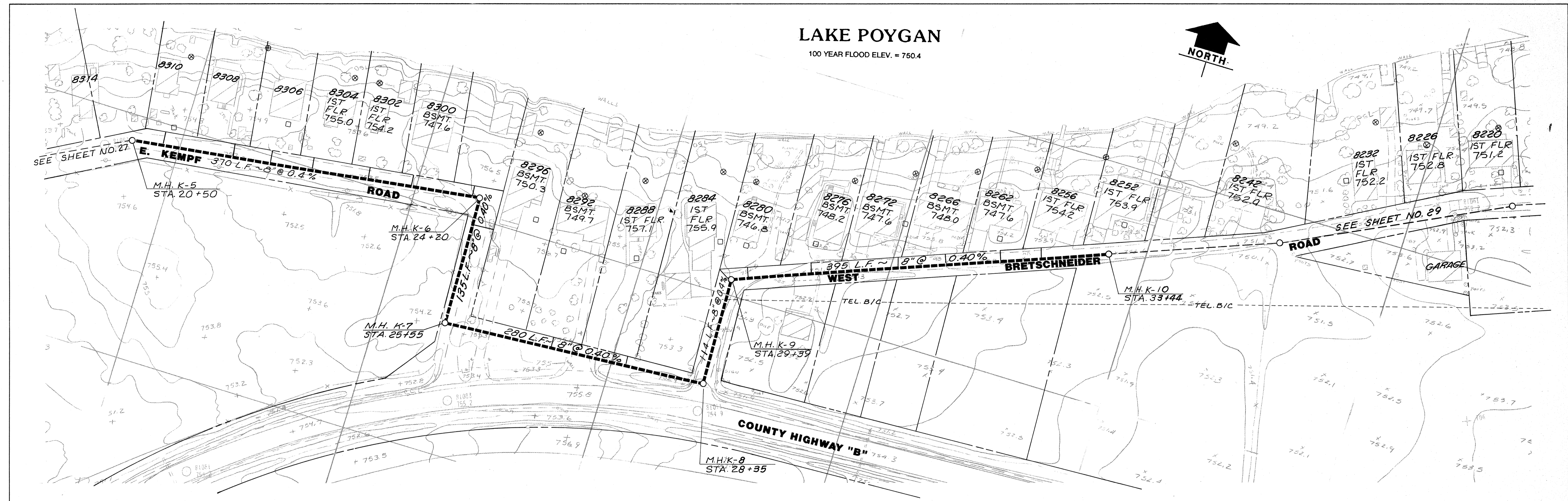
**Foth & Van Dyke**  
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**POYGAN SANITARY DISTRICT NO. 1**  
**TOWN OF POYGAN**  
WINNEBAGO COUNTY, WISCONSIN

**WASTEWATER COLLECTION SYSTEM**  
**PLAN & PROFILE**

SHEET NO.  
**27**

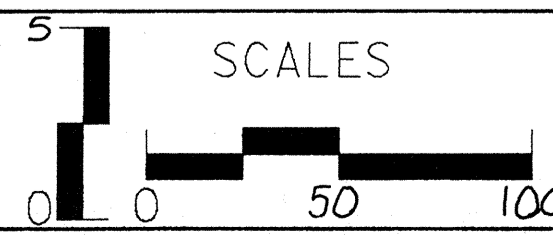
LAKE POYGAN  
100 YEAR FLOOD ELEV. = 750.4



REVISIONS			
NO.	DESCRIPTION	DATE	BY

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: DATE:

PROJECT REVIEW			
DESIGNED BY	DESIGN	DATE	
FAM/DLC <td>RBG <td>10/12/88 <td> </td> </td></td>	RBG <td>10/12/88 <td> </td> </td>	10/12/88 <td> </td>	



**Foth & Van Dyke**  
Engineers / Architects

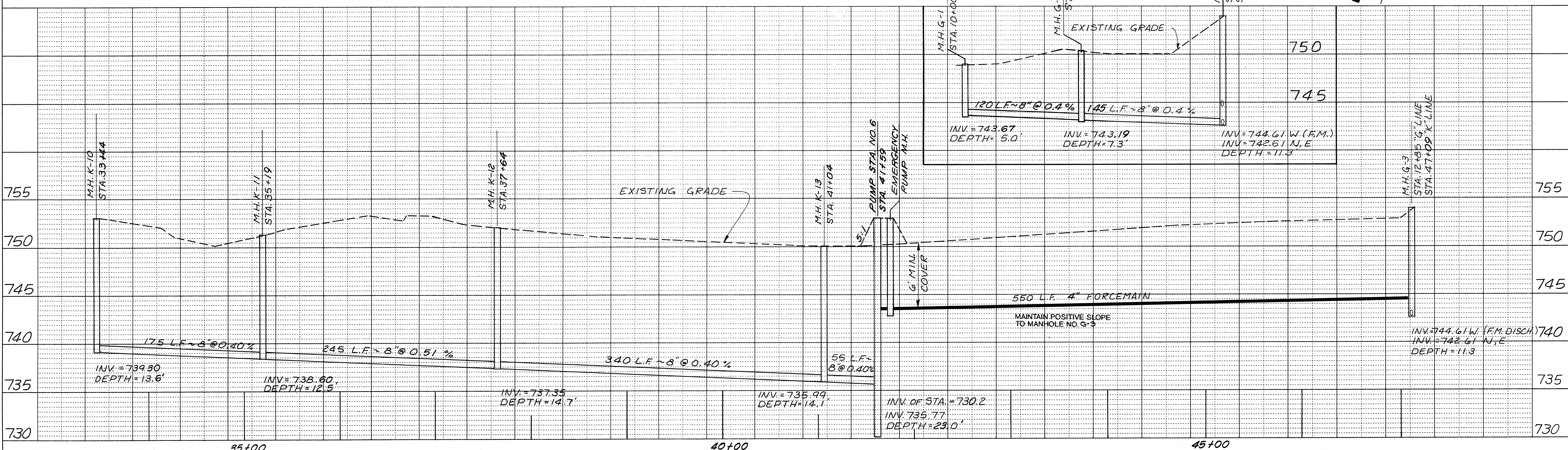
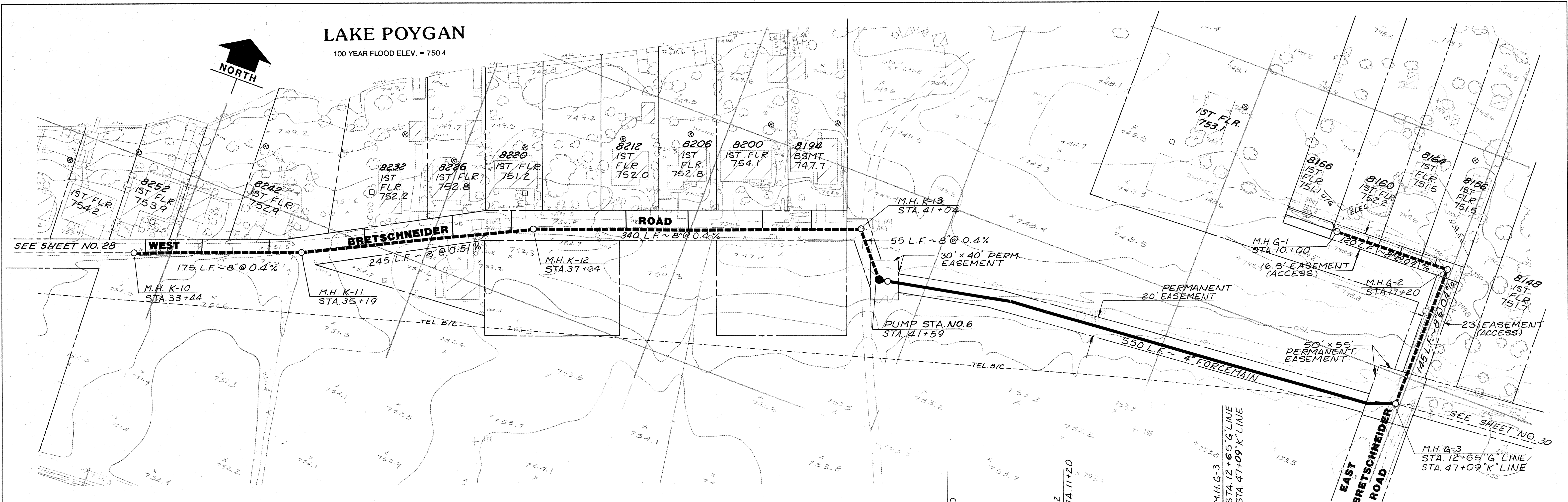
POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**28**

# LAKE POYGAN

100 YEAR FLOOD ELEV. = 750.4

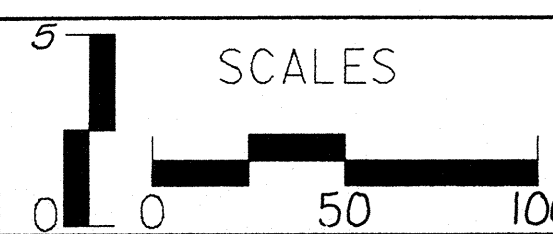


REVISIONS			
NO.	DESCRIPTION	DATE	BY

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: \_\_\_\_\_ DATE: \_\_\_\_\_

BOOK NO.	
SURVEYED BY	
DRAWN BY	FAM/DLC
DATE	10/14/00
SCOPE NO.	88P56/2165
CADD FILE NO.	

PROJECT REVIEW			
DESIGN	DATE	REVIEW	DATE
RBG	10/12/00		
CHECK			



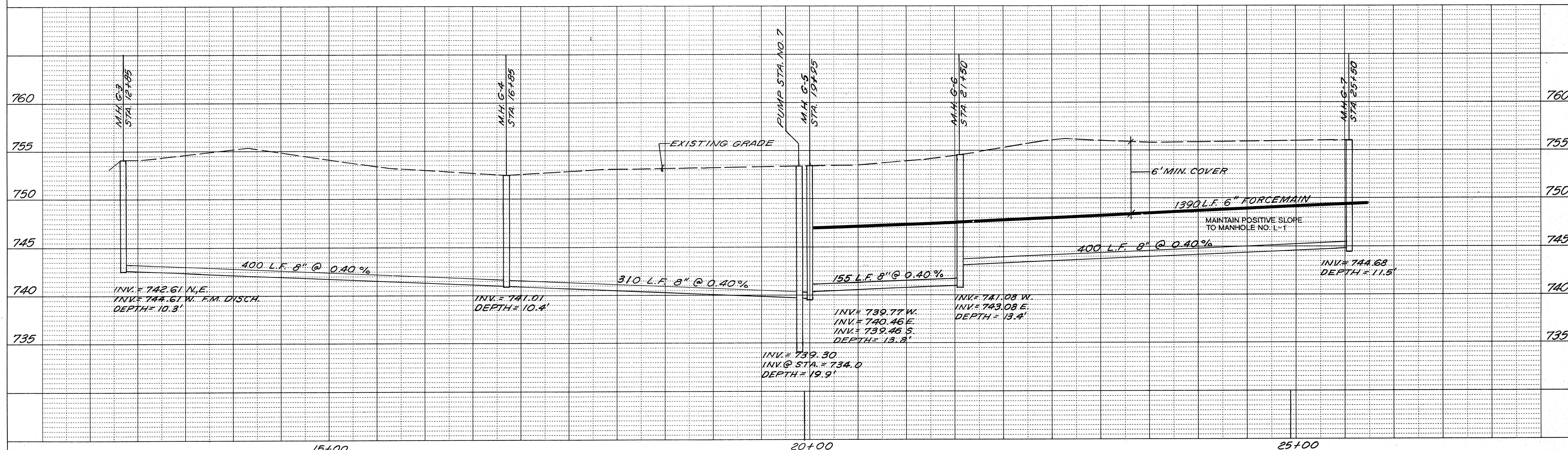
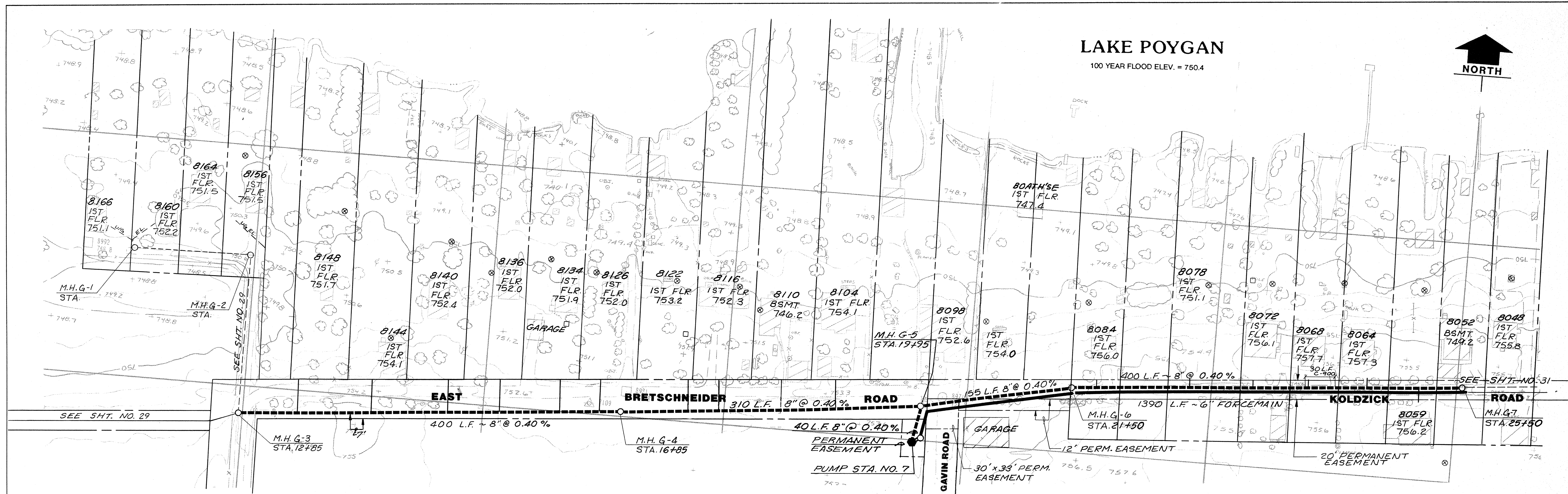
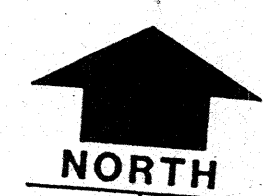
**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE  
SHEET NO. 29

**LAKE POYGAN**

100 YEAR FLOOD ELEV. = 750.4

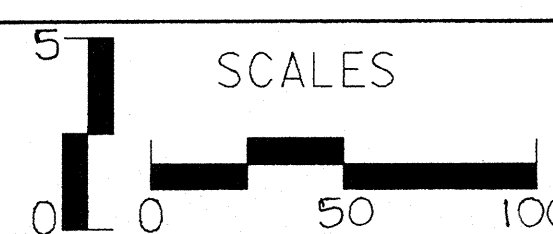


REVISIONS		
NO.	DESCRIPTION	DATE BY
1	EASEMENTS	2-89 DLC

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: \_\_\_\_\_ DATE: \_\_\_\_\_

BOOK NO.	SUPERVISED BY
DRAWN BY	DATE
SCOPE I.D.	CADD FILE NO.

PROJECT REVIEW	
DESIGN	DATE
REVIEW	DATE
CHECK	DATE

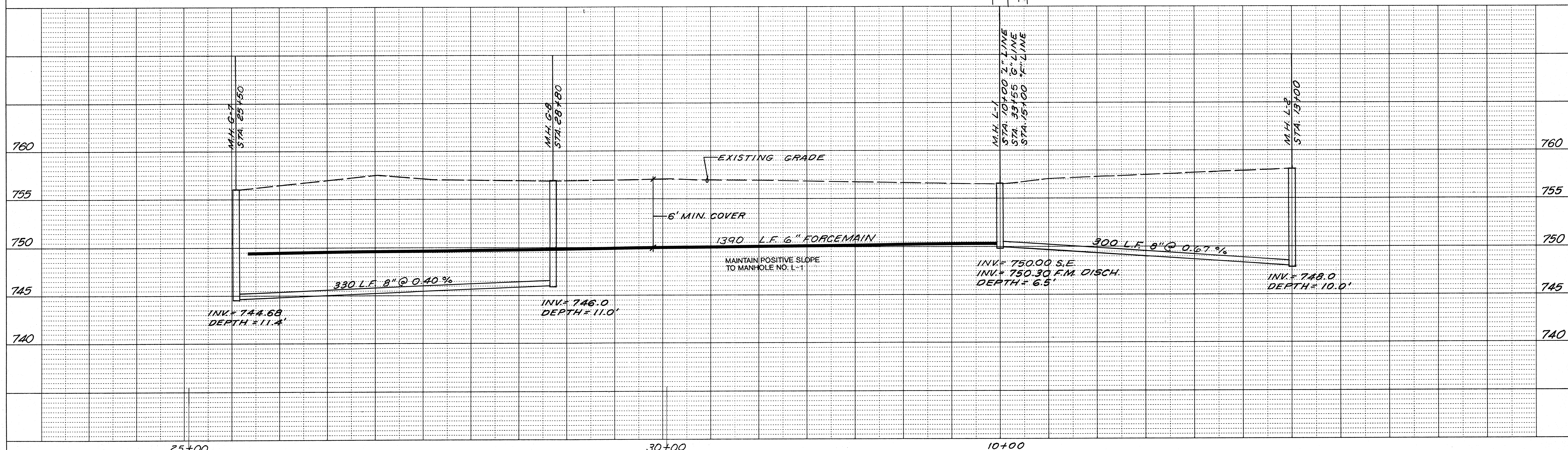
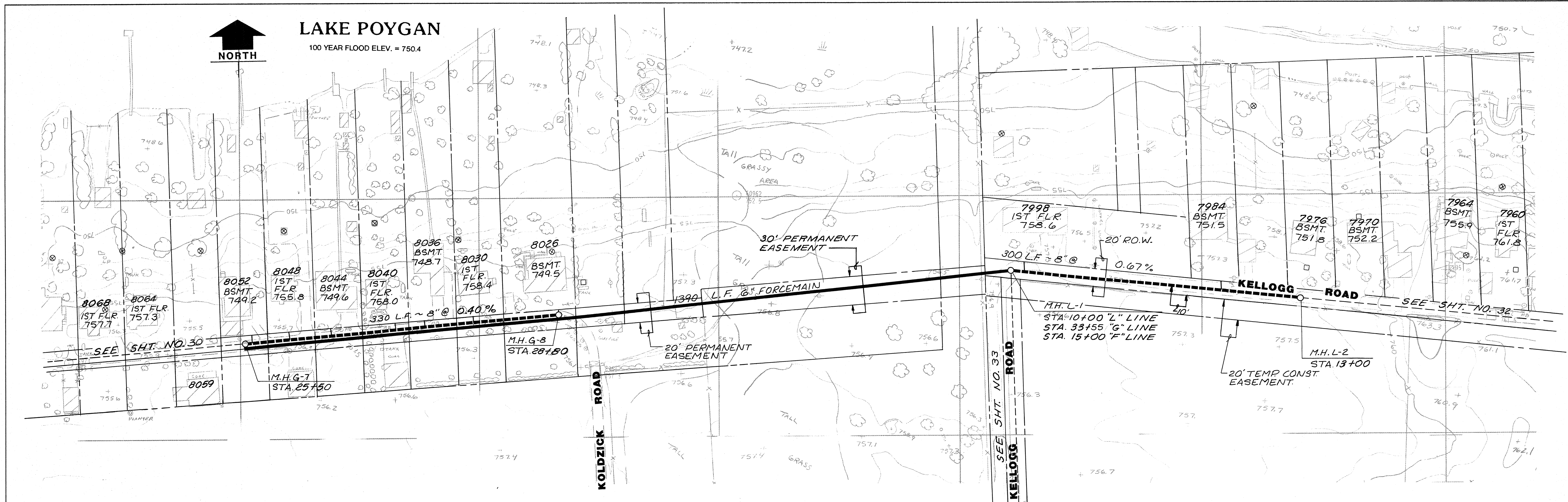


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POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**30**

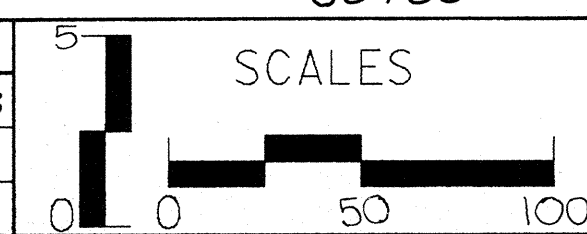


REVISIONS		
NO.	DESCRIPTION	DATE BY
1.	EASEMENTS	2-89 DLC

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: DATE:

BOOK NO.	
SURVEYED BY	
DRAWN BY	DLC / FAM
DATE	10/14/88
SCOPE ID.	80P56/2168
CADD FILE NO.	

PROJECT REVIEW		
DESIGN	REVIEW	CHECK
RBG		
DATE	10/12/88	
DATE		
DATE		

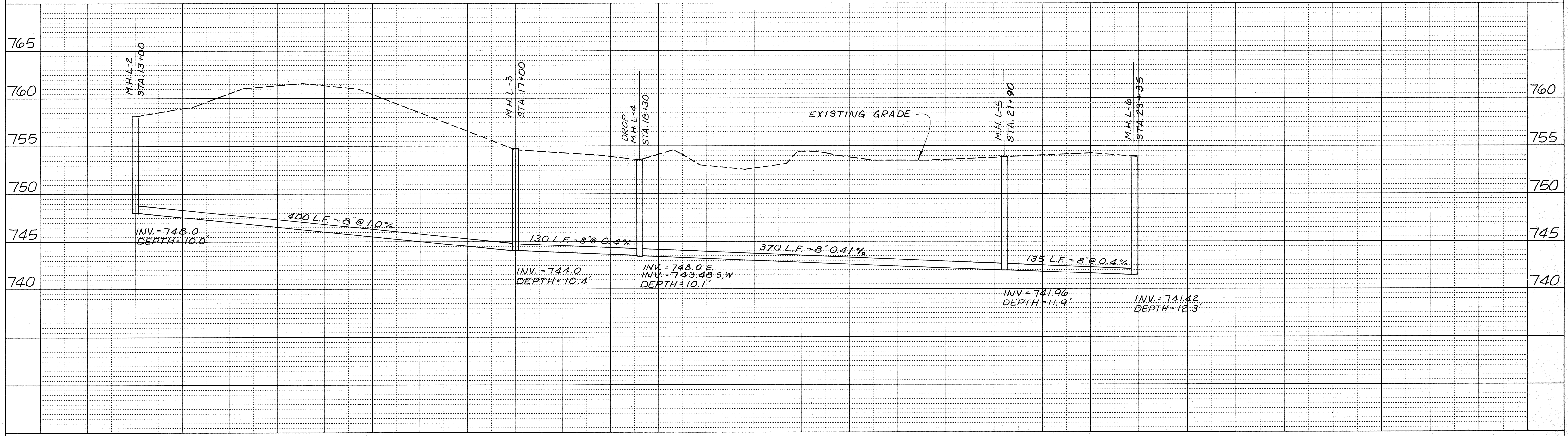
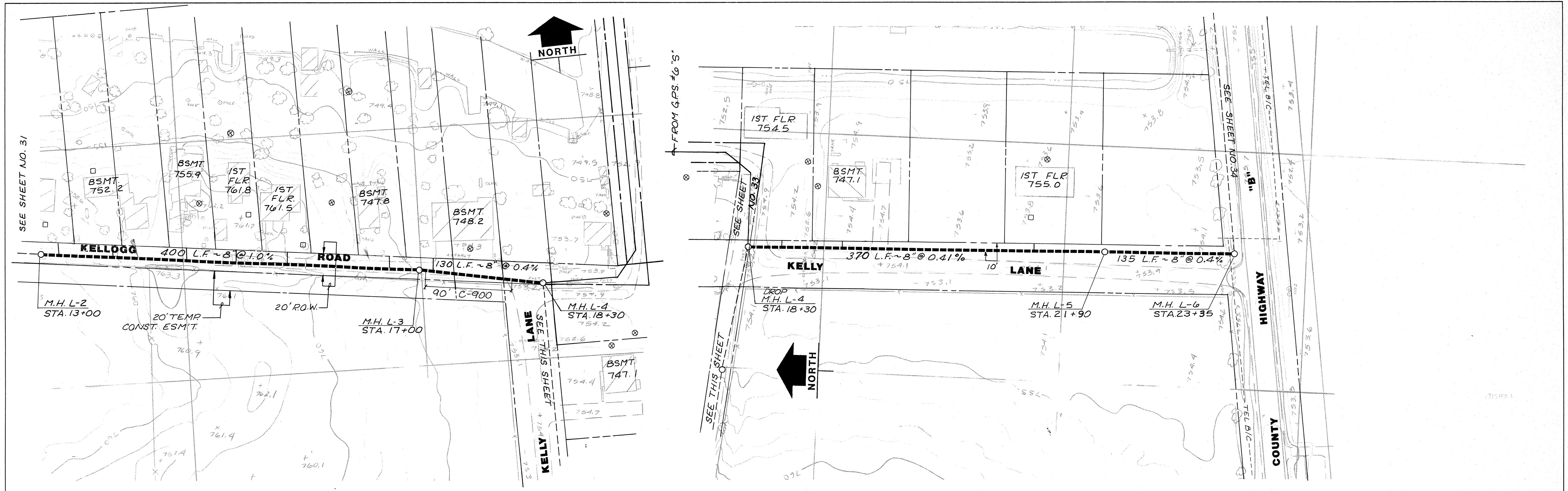


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Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

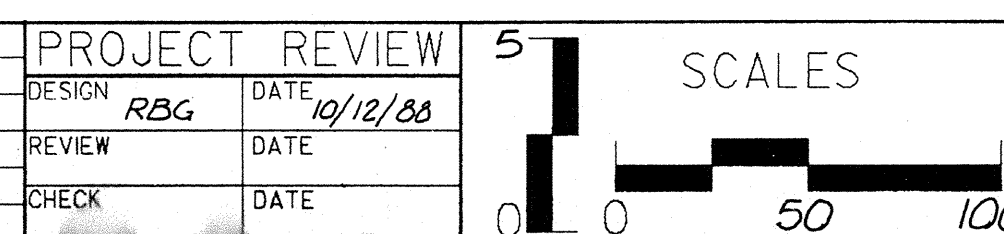
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REVISIONS		
NO.	DESCRIPTION	DATE BY
1	EASEMENT	2-89/DLC

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: DATE:

BOOK NO.	SURVEYED BY	PROJECT REVIEW
	DLC/FAM	DESIGN RBG DATE 10/12/88
DATE	10/16/88	REVIEW DATE
SCOPE ID.	80P56/2168	CHECK DATE
CADD FILE NO.		



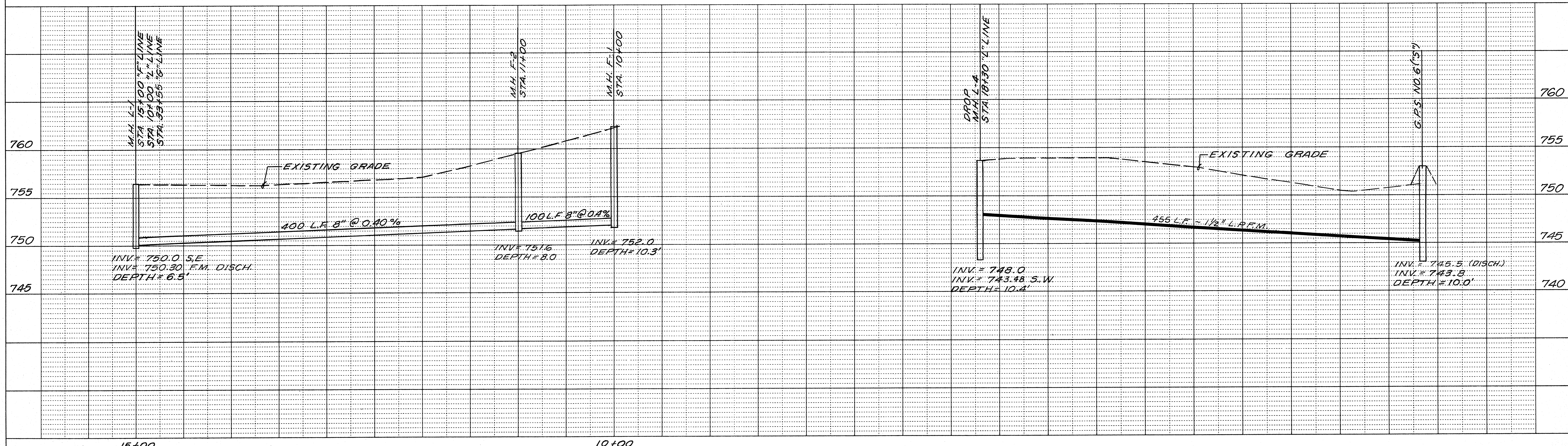
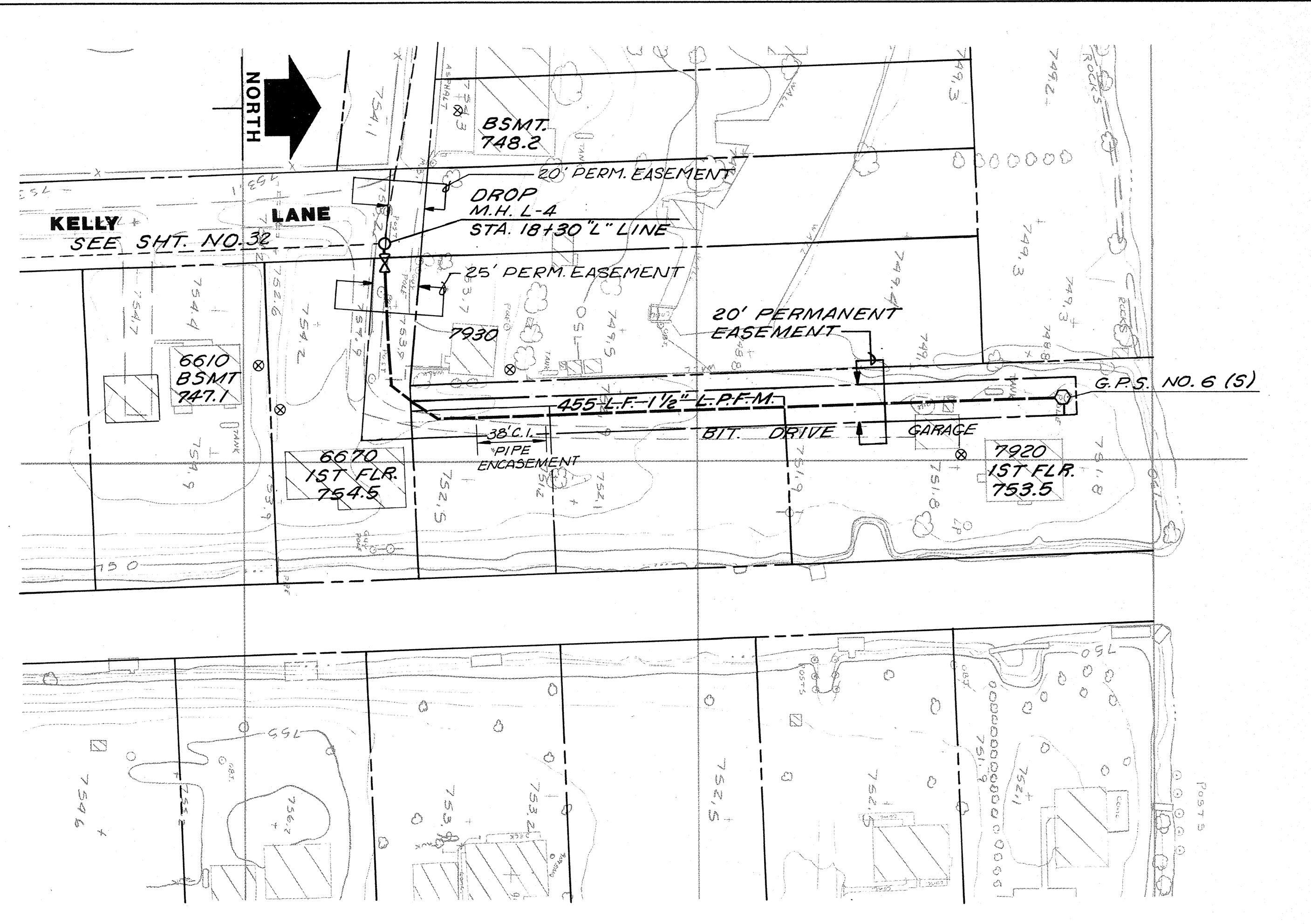
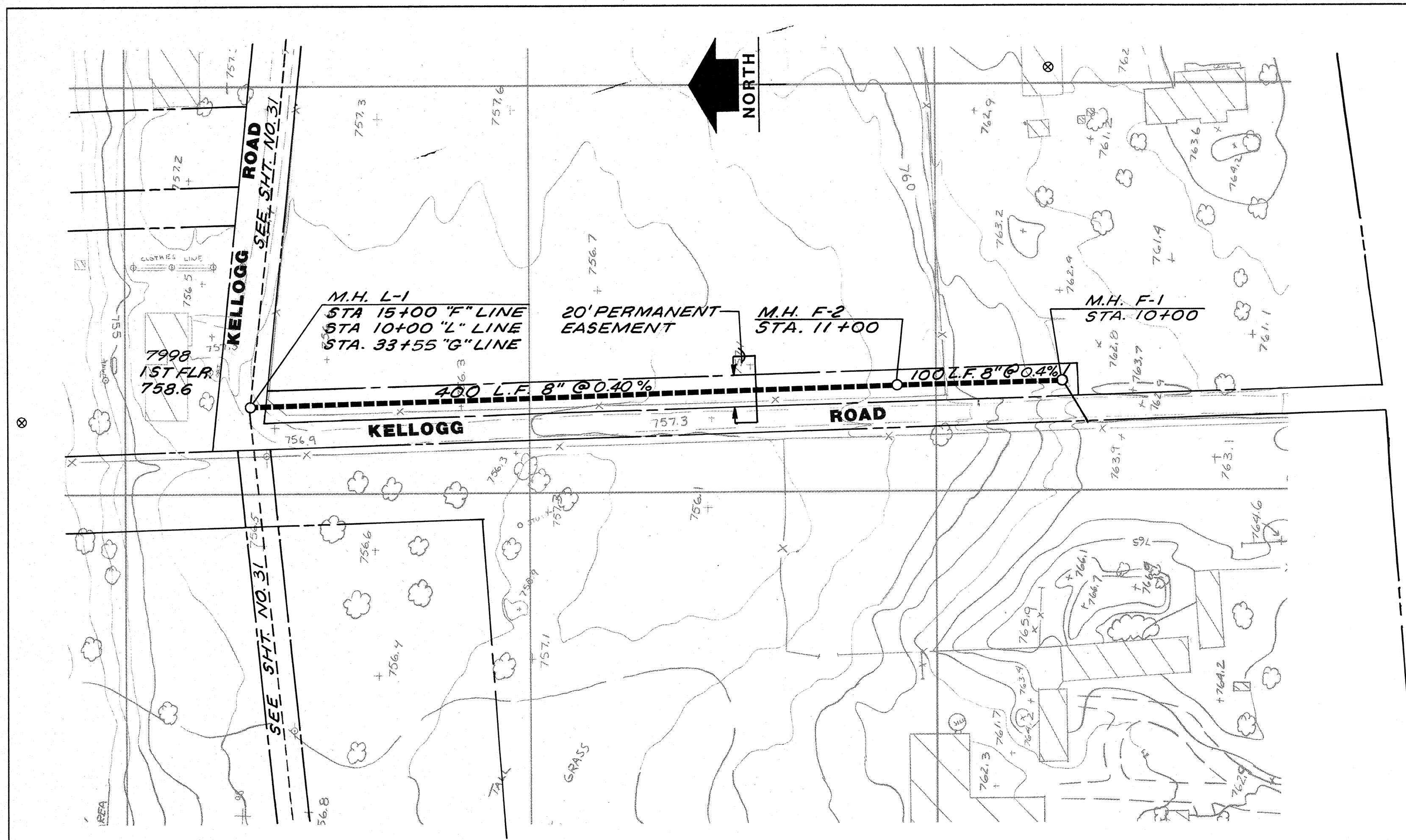
**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**32**

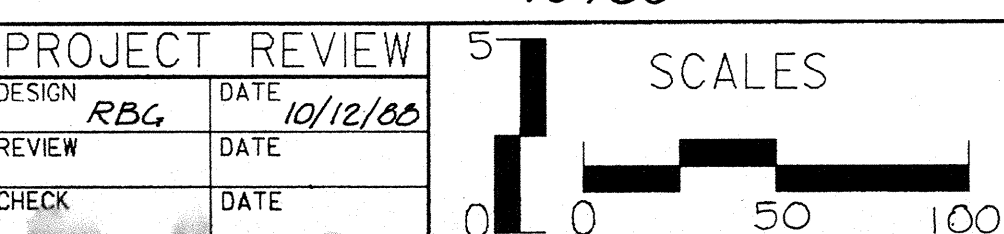




REVISIONS		
NO.	DESCRIPTION	DATE BY
1.	EASEMENT	2-89/DLC

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: DATE:

BOOK NO.	SURVEYED BY	DESIGN	PROJECT REVIEW
	FAM/DLC	RBG	DATE 10/12/08
DATE	10/14/08	REVIEW	DATE
SCOPE ID.	08P64/2100	CHECK	DATE
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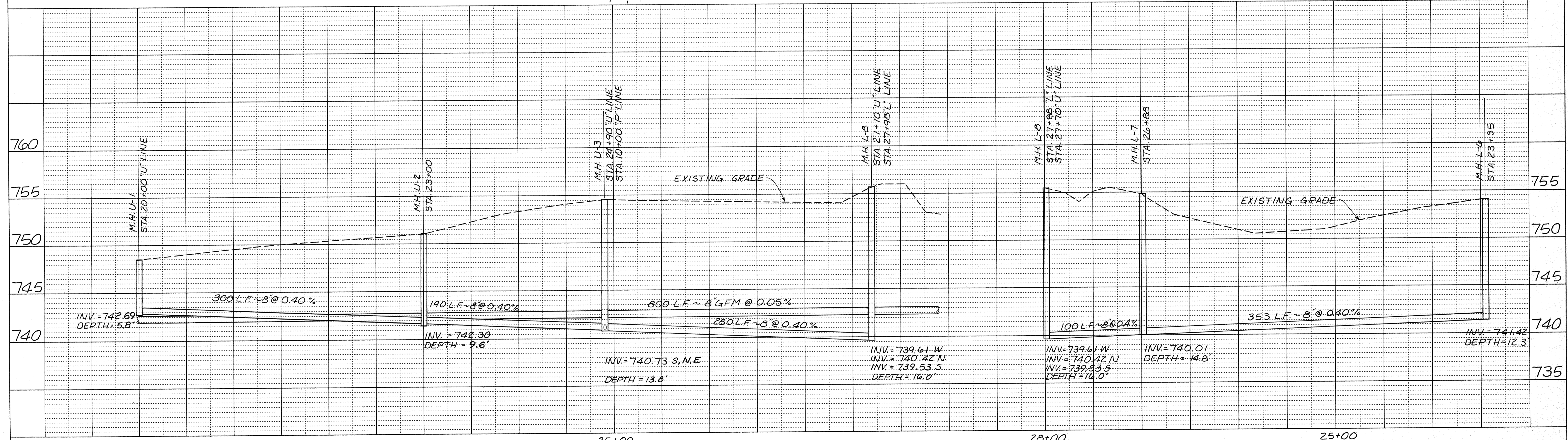
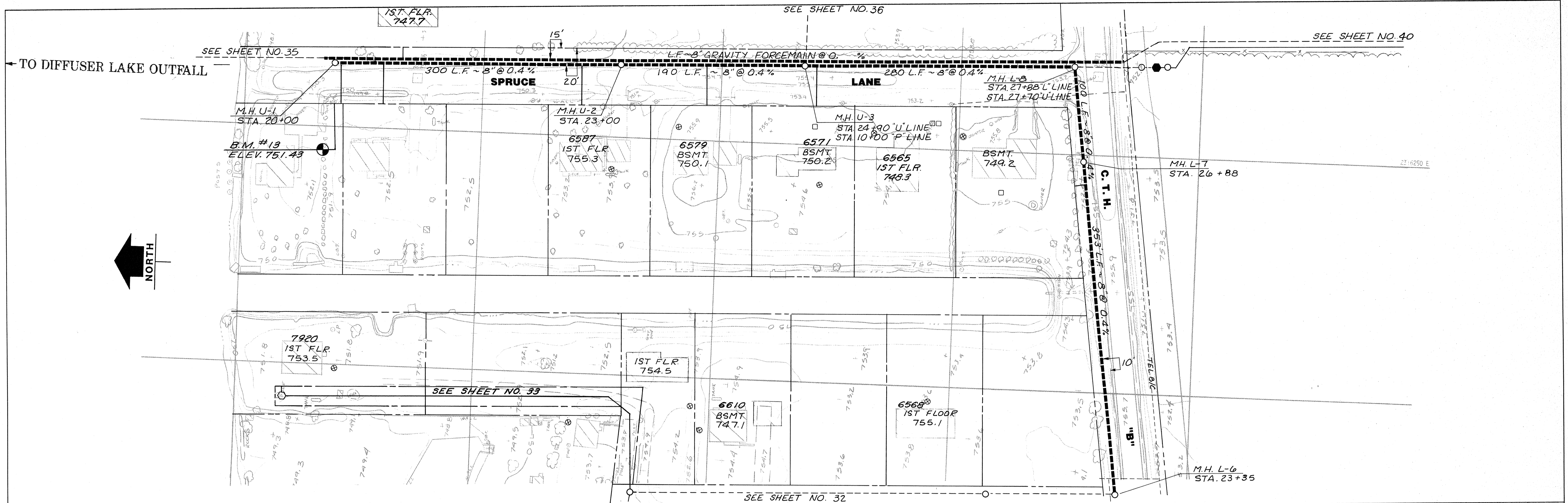


**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**33**



<b>REVISIONS</b> NO. DESCRIPTION DATE BY		<b>PROJECT REVIEW</b> DESIGN RBG DATE 10/12/05 REVIEW DATE CHECK DATE		<b>SCALES</b> 0 50 100	<b>Foth &amp; Van Dyke</b> Engineers / Architects	<b>POYGAN SANITARY DISTRICT NO. 1</b> TOWN OF POYGAN WINNEBAGO COUNTY, WISCONSIN	<b>WASTEWATER COLLECTION SYSTEM</b> PLAN & PROFILE	SHEET NO. <b>34</b>
RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION DATE:		BOOK NO. SURVEYED BY DRAWN BY FAM/DLC DATE 10/14/05 SCOPE ID. 88P56/2168 CADD FILE NO.						

# LAKE POYGAN

100 YEAR FLOOD ELEV. = 750.4

OUTFALL LAKE DIFFUSER  
STA 13+94

1431 L.F. 8" GRAVITY FORCEMAIN

CLEANOUT MANHOLE  
STA. 19+80

M.H. U-1  
STA. 20+00

300 L.F. 8" @ 0.40%  
LANE SEE SHT. NO. 34

SPRUCE

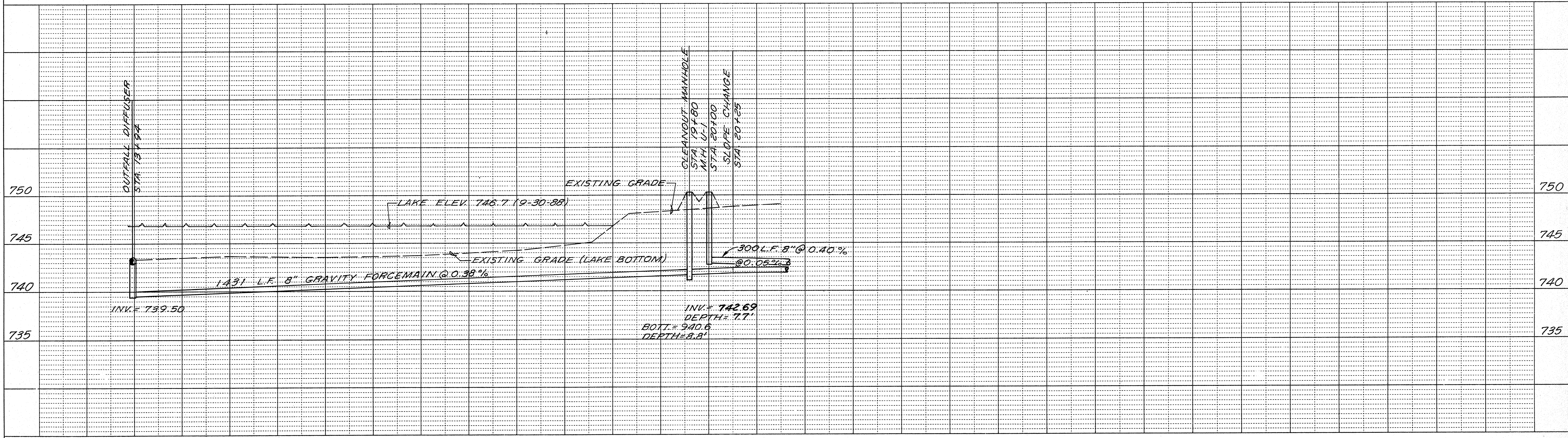
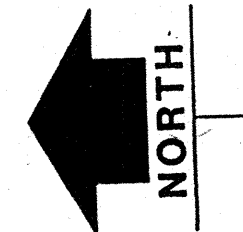
B.M. #13  
ELEV. 751.43

LAGOON

6600  
1ST FLR  
751.75

6615

6607

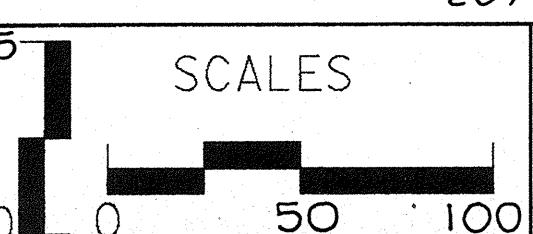


REVISIONS			
NO.	DESCRIPTION	DATE	BY

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: \_\_\_\_\_ DATE: \_\_\_\_\_

BOOK NO.	SURVEYED BY	DESIGN	DATE
	FAM/DLC	RBG	10/12/88
DRAWN BY	DATE	REVIEW	DATE
	10/14/88		
SCOPE ID.	CHECK	DATE	
88P56/2100			
CADD FILE NO.			

PROJECT REVIEW	5
DESIGN	10/12/88
REVIEW	
CHECK	

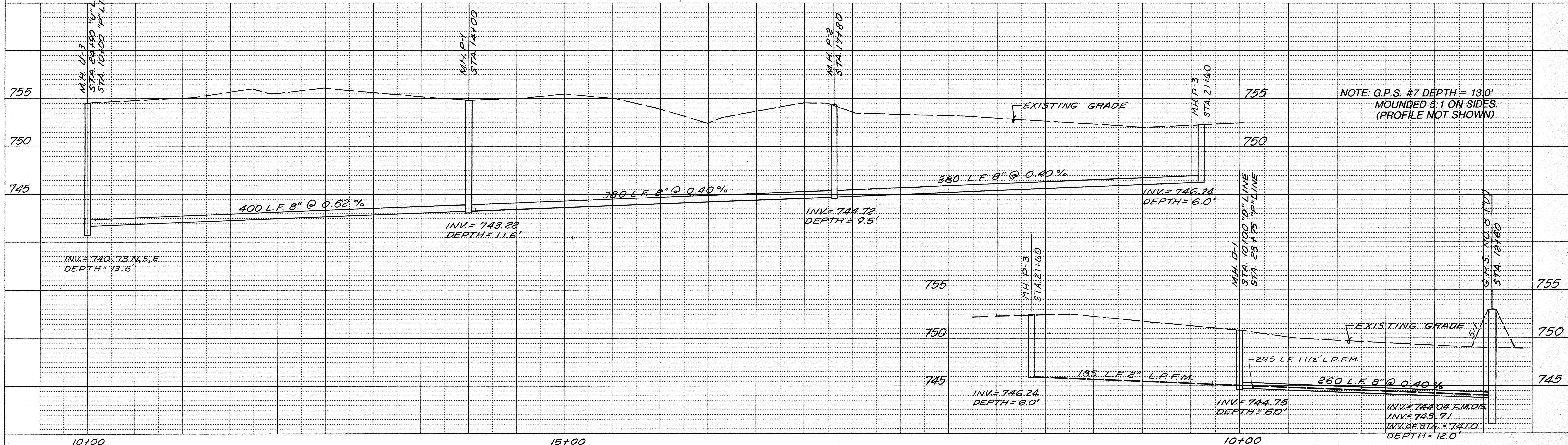
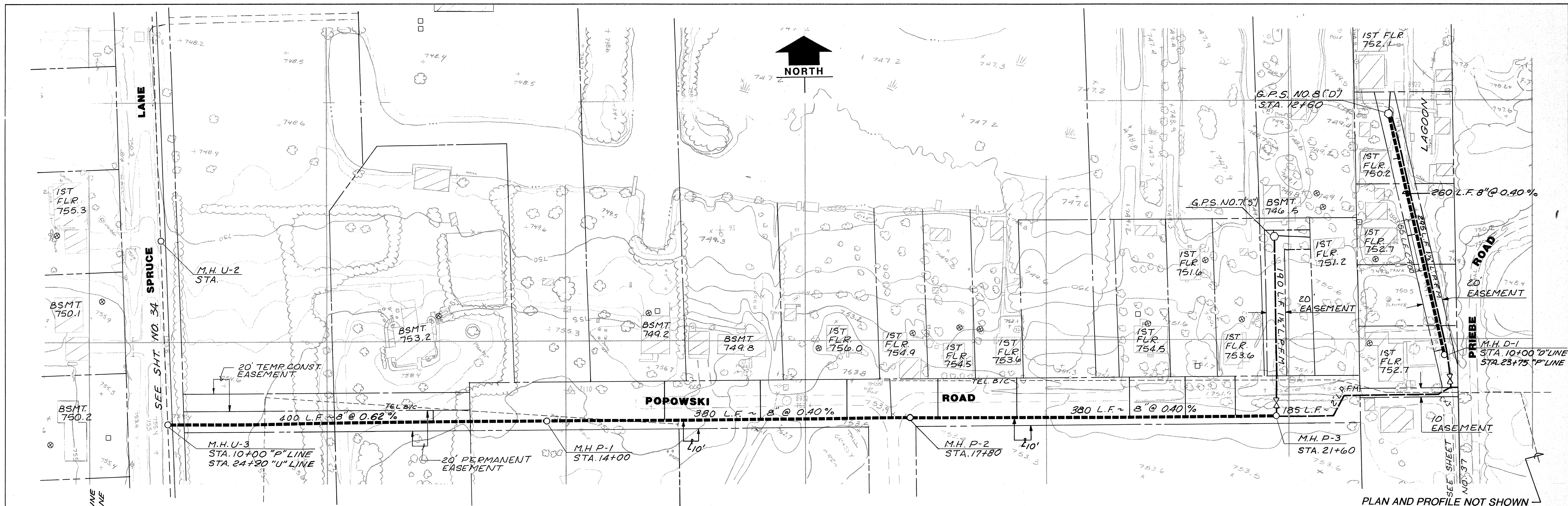


**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**35**

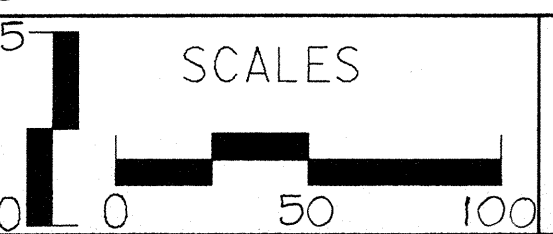


REVISIONS		
NO.	DESCRIPTION	DATE BY

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: DATE:

BOOK NO.	
SURVEYED BY	
DRAWN BY	DLC/FAM
DATE	10/14/88
SCOPE I.D.	88P56/2168
CADD FILE NO.	

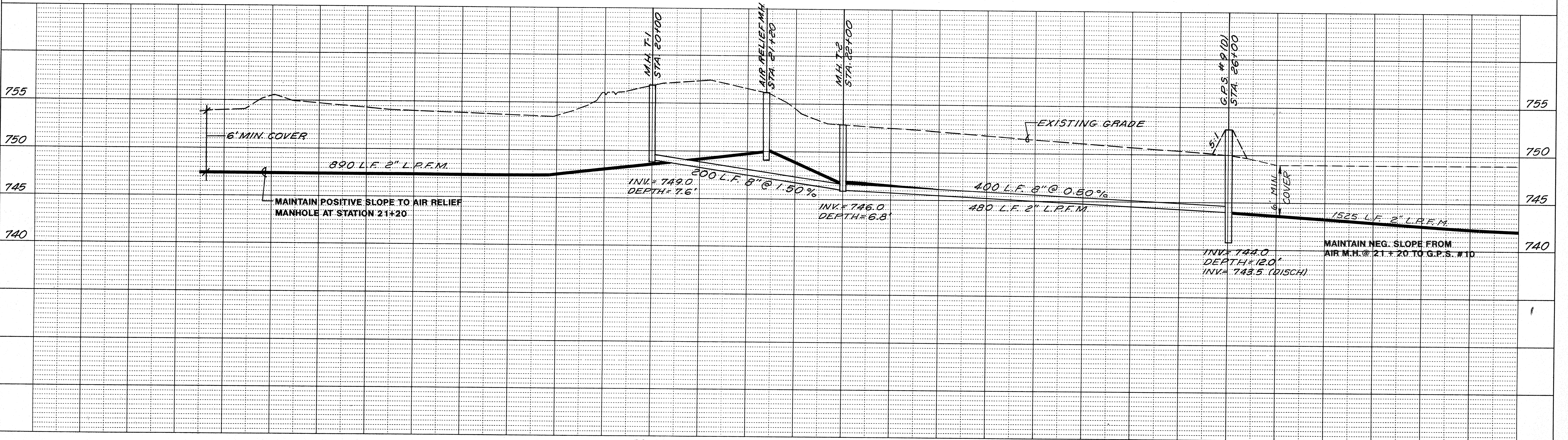
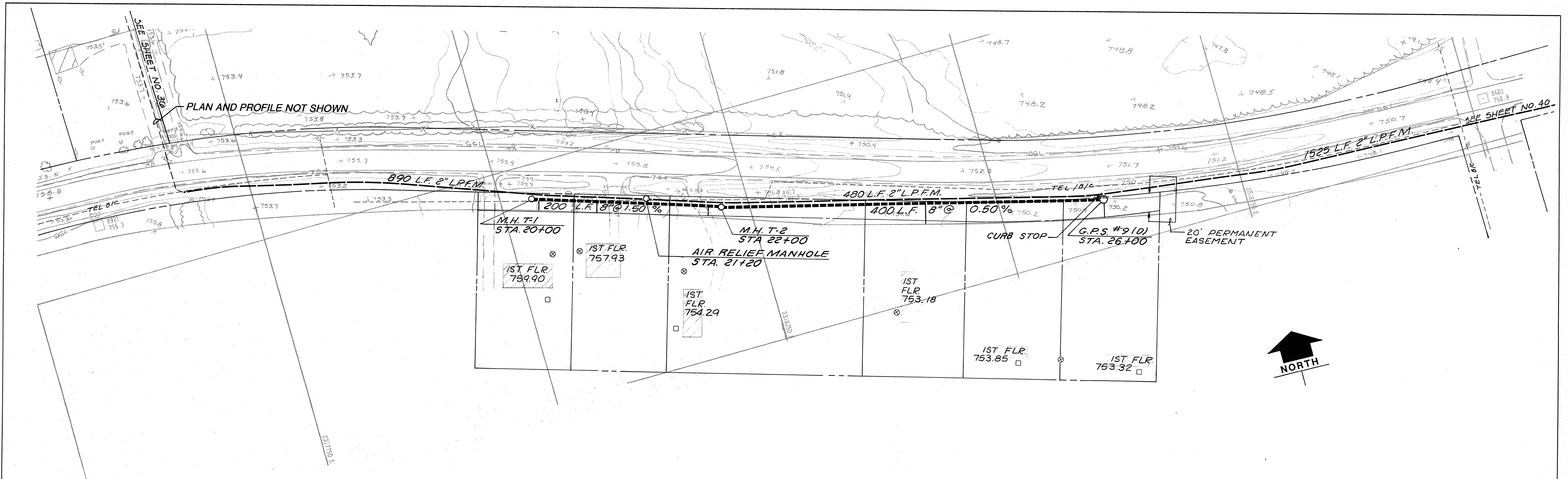
PROJECT REVIEW		
DESIGN	REVIEW	DATE
RBC		10/12/88
CHECK		



**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE  
SHEET NO. 36

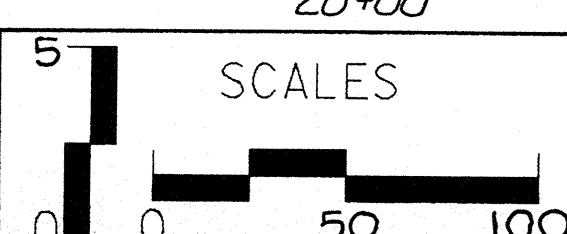


REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	EASEMENT	2-89	DLC

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: DATE:

BOOK NO.	
SURVEYED BY	
DRAWN BY	DLC/FAM
DATE	10/12/88
SCOPE I.D.	88P56/2/68
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PROJECT REVIEW		
DESIGN	DATE	
RBG	10/12/88	
REVIEW	DATE	
CHECK	DATE	

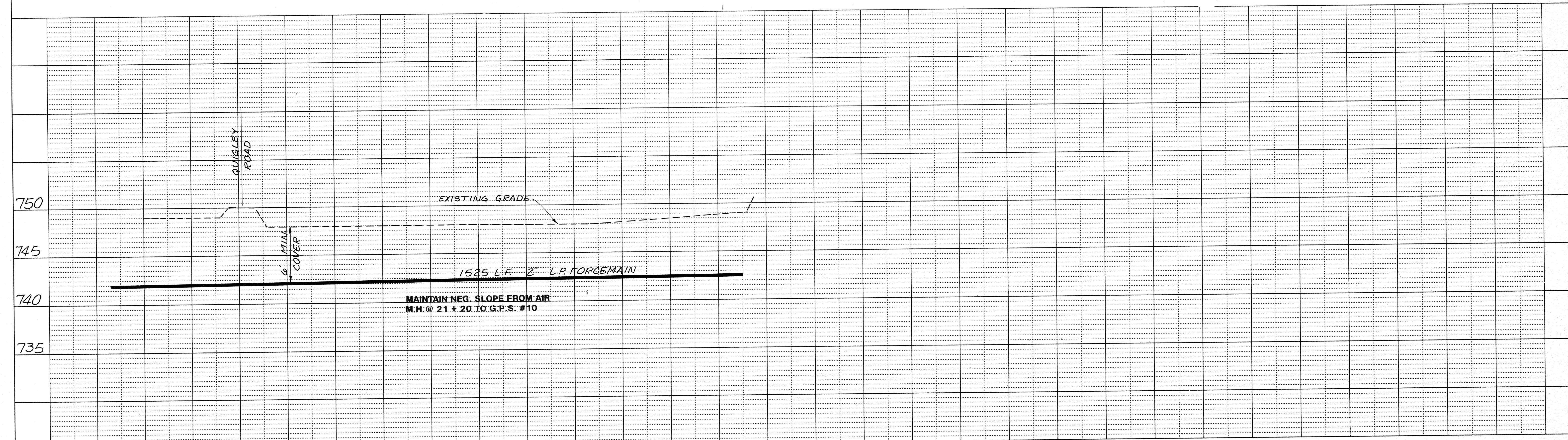
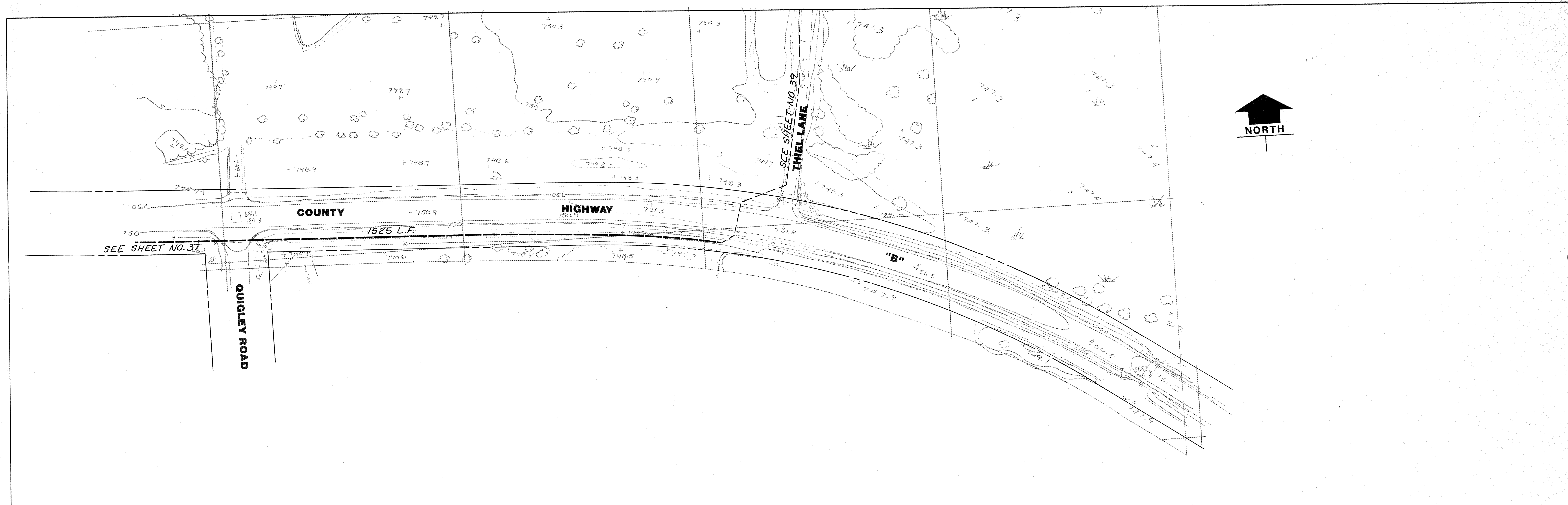


**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

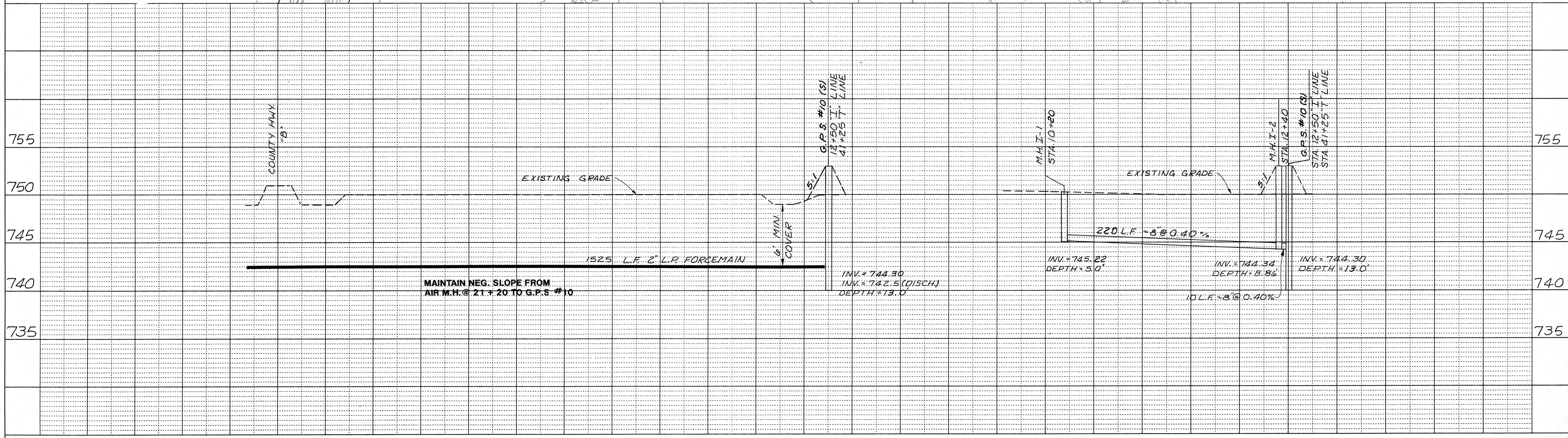
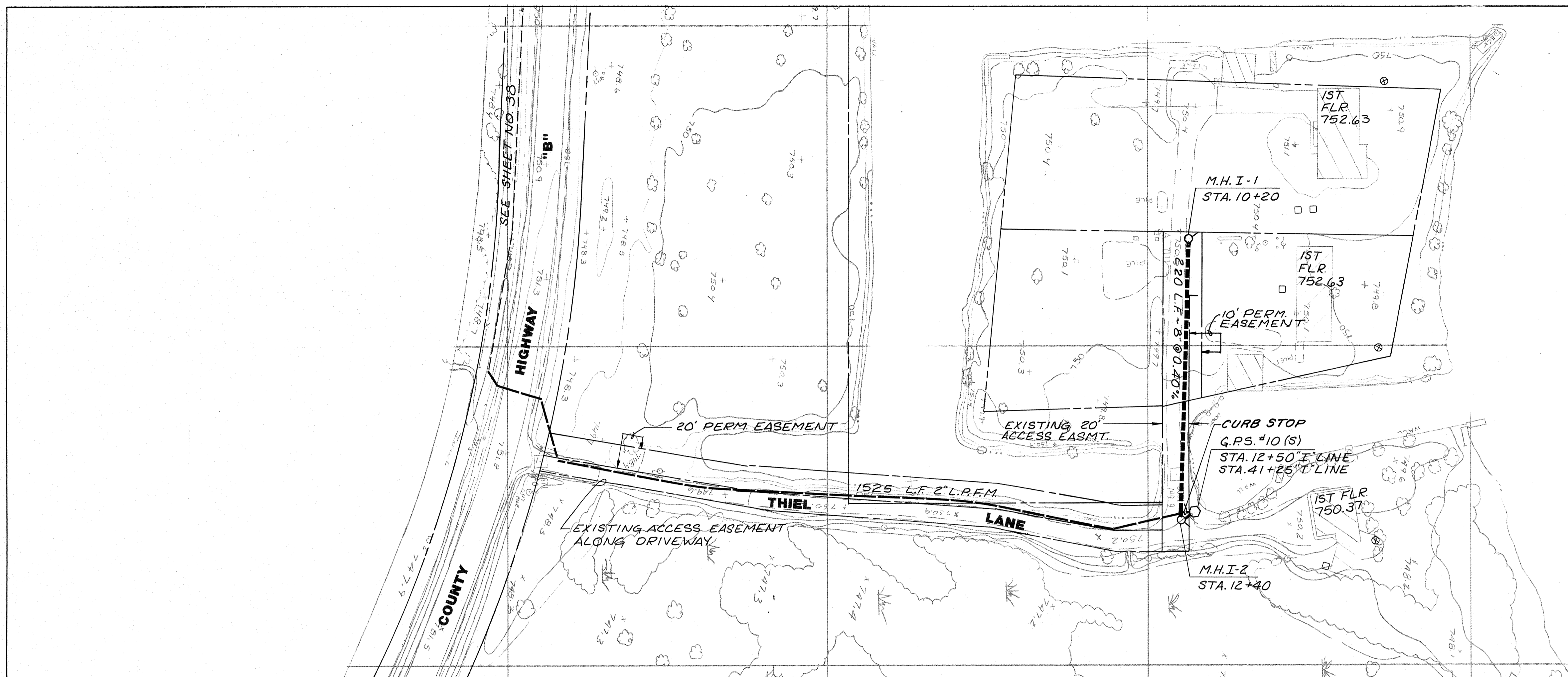
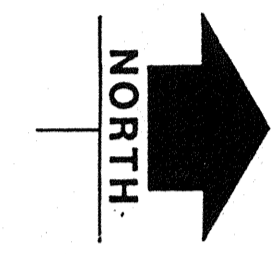
WASTEWATER COLLECTION SYSTEM  
PLAN & PROFILE

SHEET NO.  
**37**



30+00		35+00		<b>5'</b> SCALES 	<b>Foth &amp; Van Dyke</b> Engineers / Architects	<b>POYGAN SANITARY DISTRICT NO. 1</b> TOWN OF POYGAN WINNEBAGO COUNTY, WISCONSIN	<b>WASTEWATER COLLECTION SYSTEM</b> PLAN & PROFILE	SHEET NO. <b>38</b>
REVISIONS NO. DESCRIPTION DATE BY		PROJECT REVIEW DESIGN RDG DATE 10/12/88 REVIEW DATE CHECK DATE						

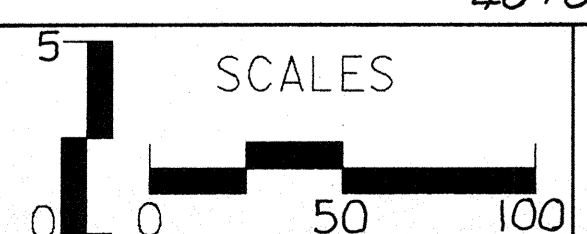
**LAKE POYGAN**  
100 YEAR FLOOD ELEV. = 750.4



REVISIONS			
NO.	DESCRIPTION	DATE	BY

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT REVIEW			
DESIGN	DATE	CHECK	DATE
DLC/FAM	10/12/08		

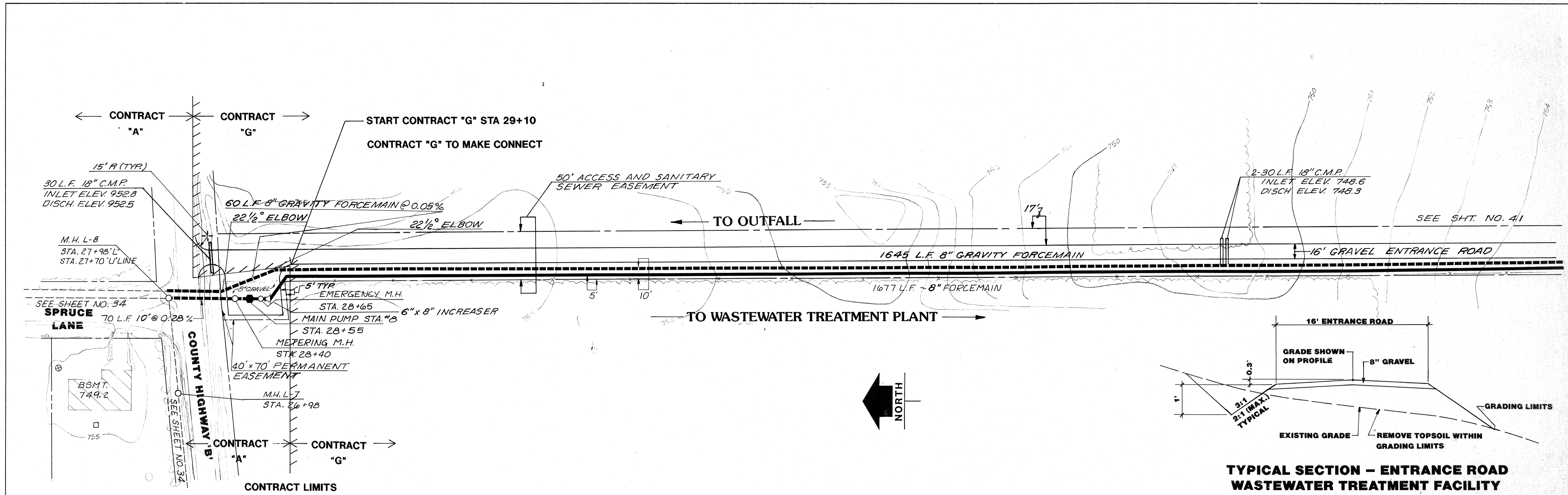


**Foth & Van Dyke**  
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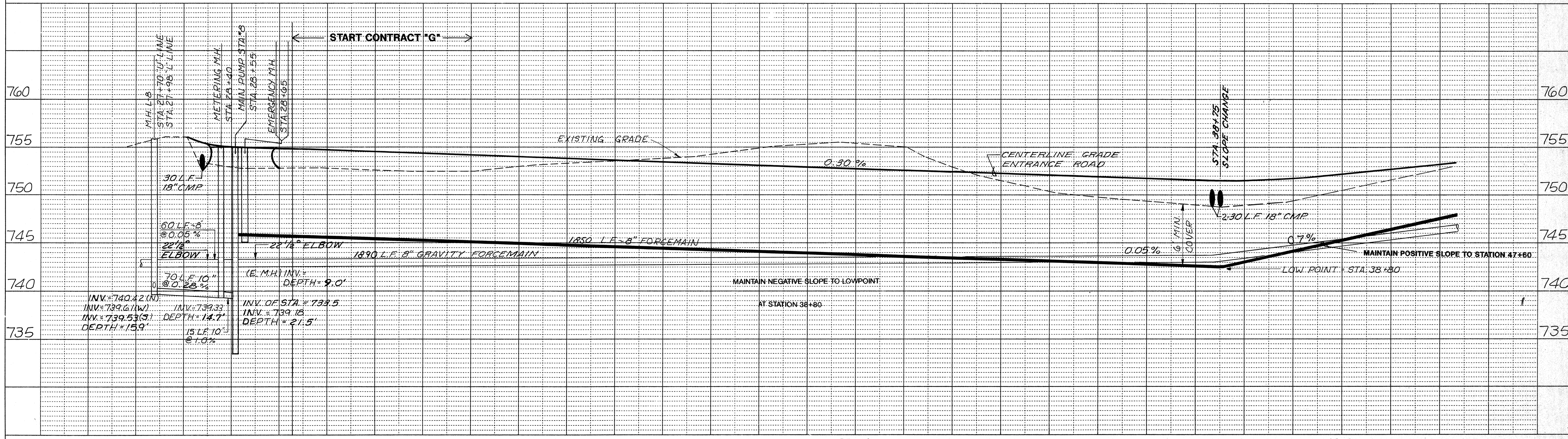
**POYGAN SANITARY DISTRICT NO. 1**  
**TOWN OF POYGAN**  
WINNEBAGO COUNTY, WISCONSIN

**WASTEWATER COLLECTION SYSTEM**  
**PLAN & PROFILE**

SHEET NO.  
**39**



**TYPICAL SECTION - ENTRANCE ROAD WASTEWATER TREATMENT FACILITY**

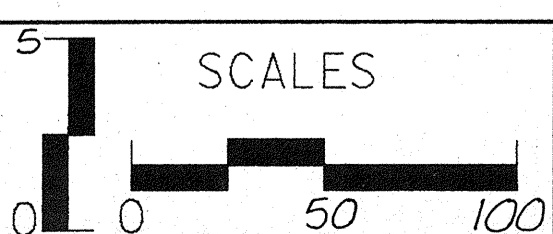


REVISIONS			
NO.	DESCRIPTION	DATE	BY

RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION BY: \_\_\_\_\_ DATE: \_\_\_\_\_

BOOK NO.	SURVEYED BY	DESIGN	DATE

PROJECT REVIEW			
DESIGN	DATE	REVIEW	DATE



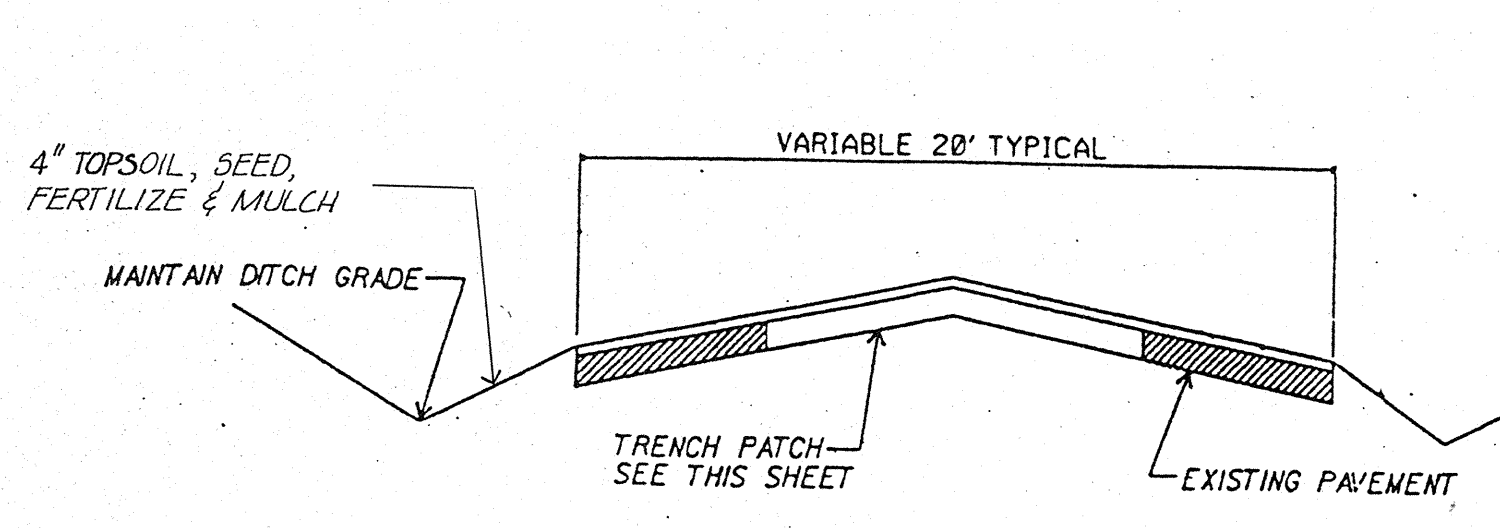
**Foth & Van Dyke**  
Engineers / Architects

**POYGAN SANITARY DISTRICT NO. 1**  
**TOWN OF POYGAN**  
WINNEBAGO COUNTY, WISCONSIN

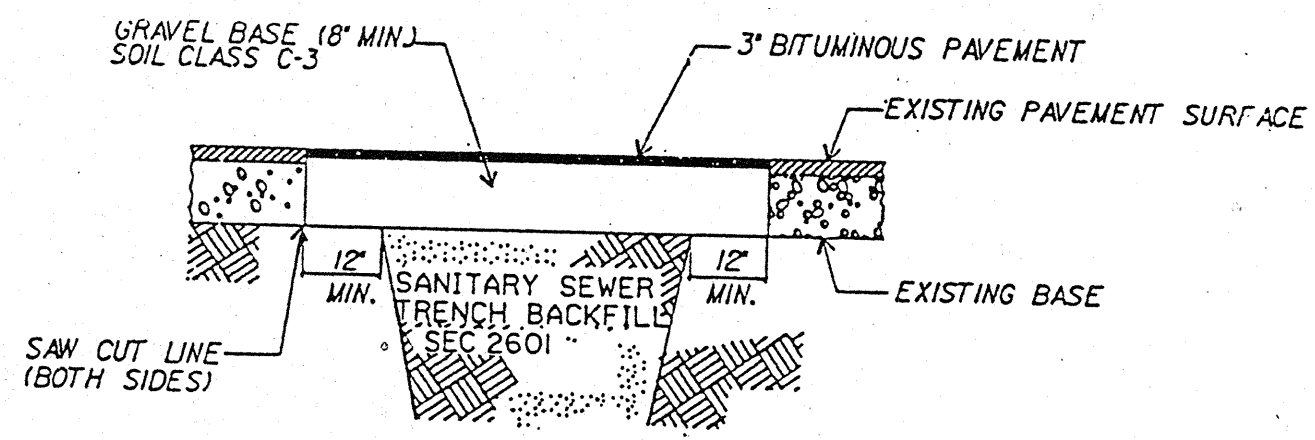
**WASTEWATER COLLECTION SYSTEM**  
**PLAN & PROFILE**

SHEET NO. **40**



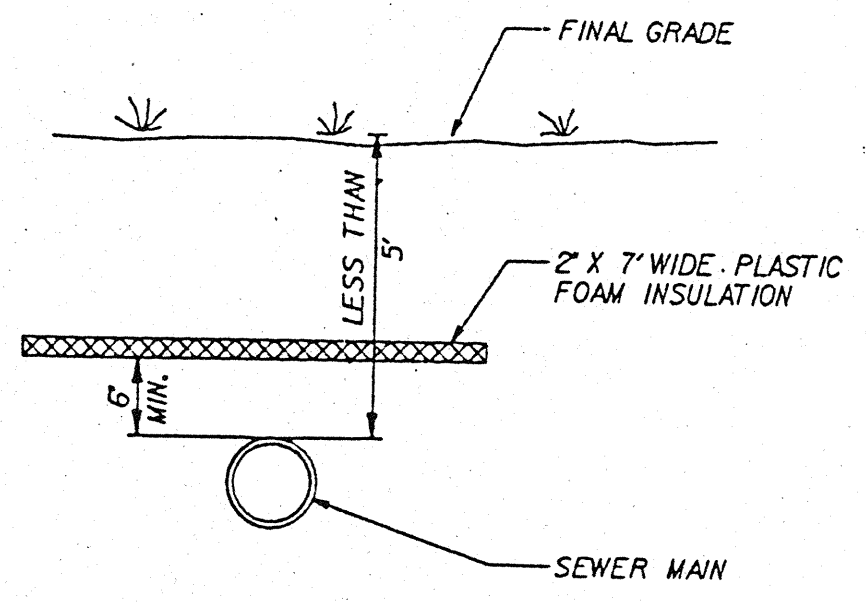


**STREET RESURFACING**

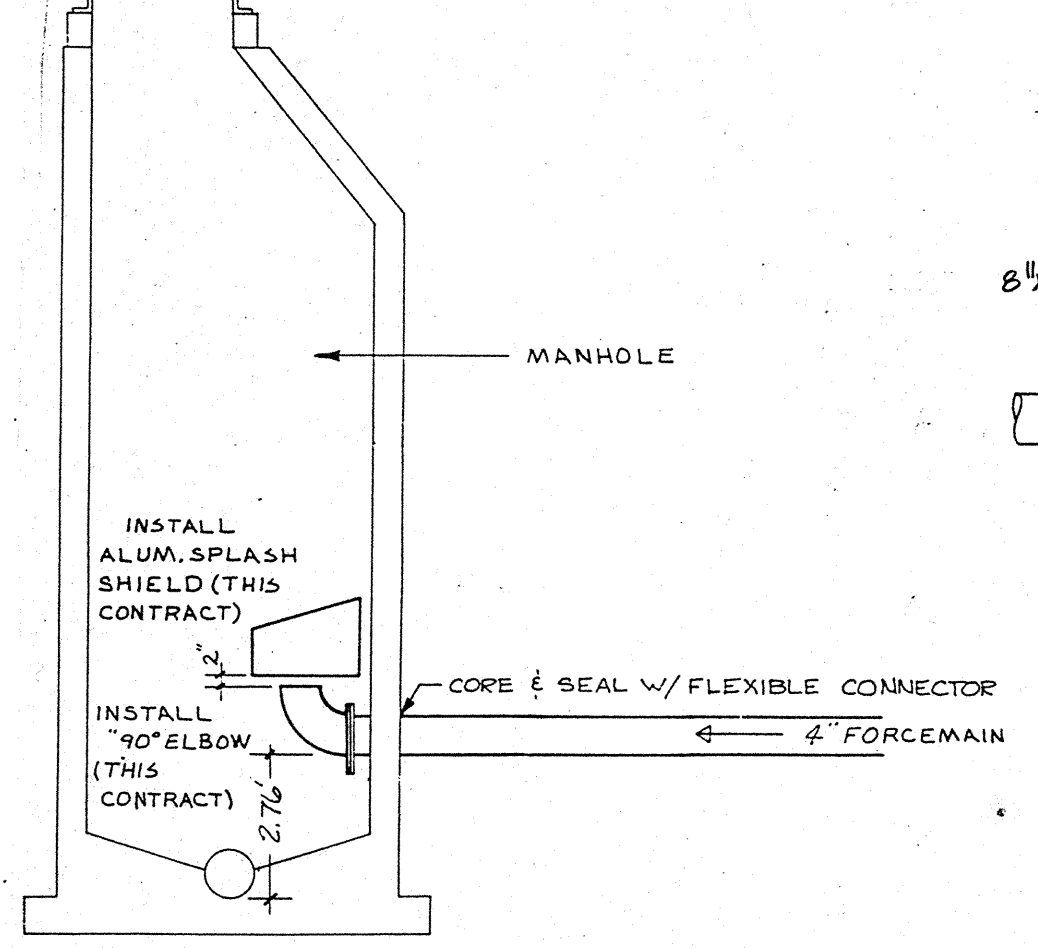
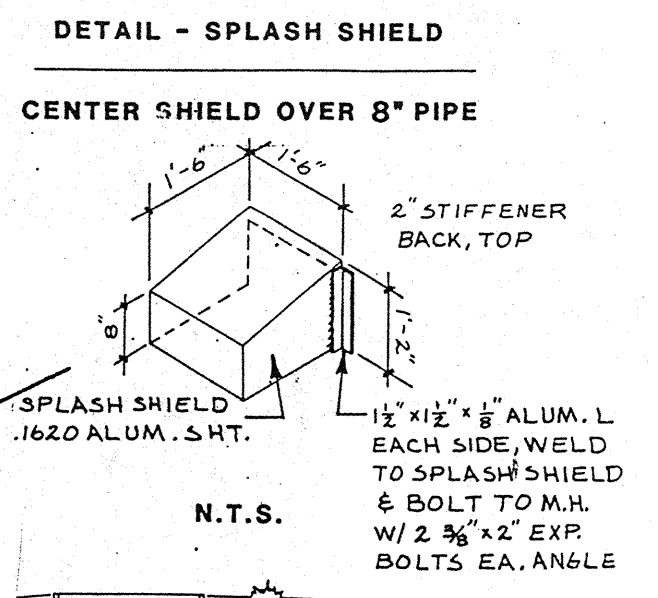


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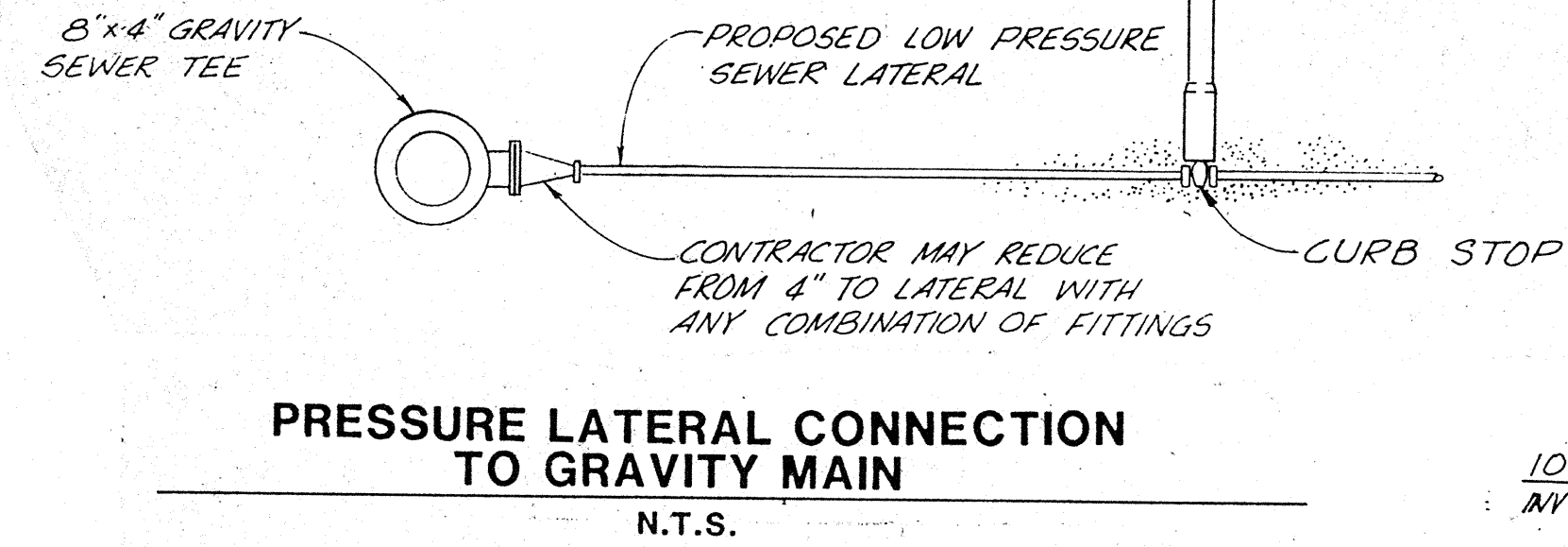
PAYMENT BY LINEAR FOOT OF PATCH.



**PIPE INSULATION**



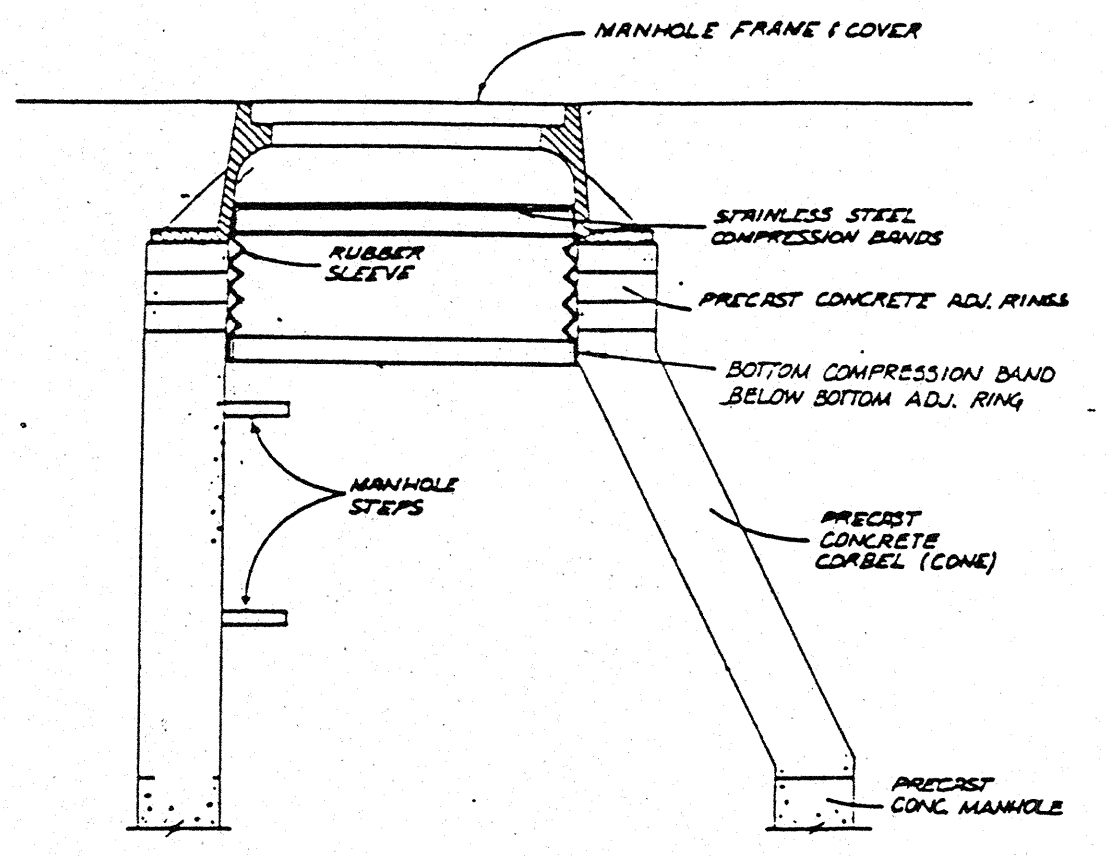
**MANHOLE "O-5"**



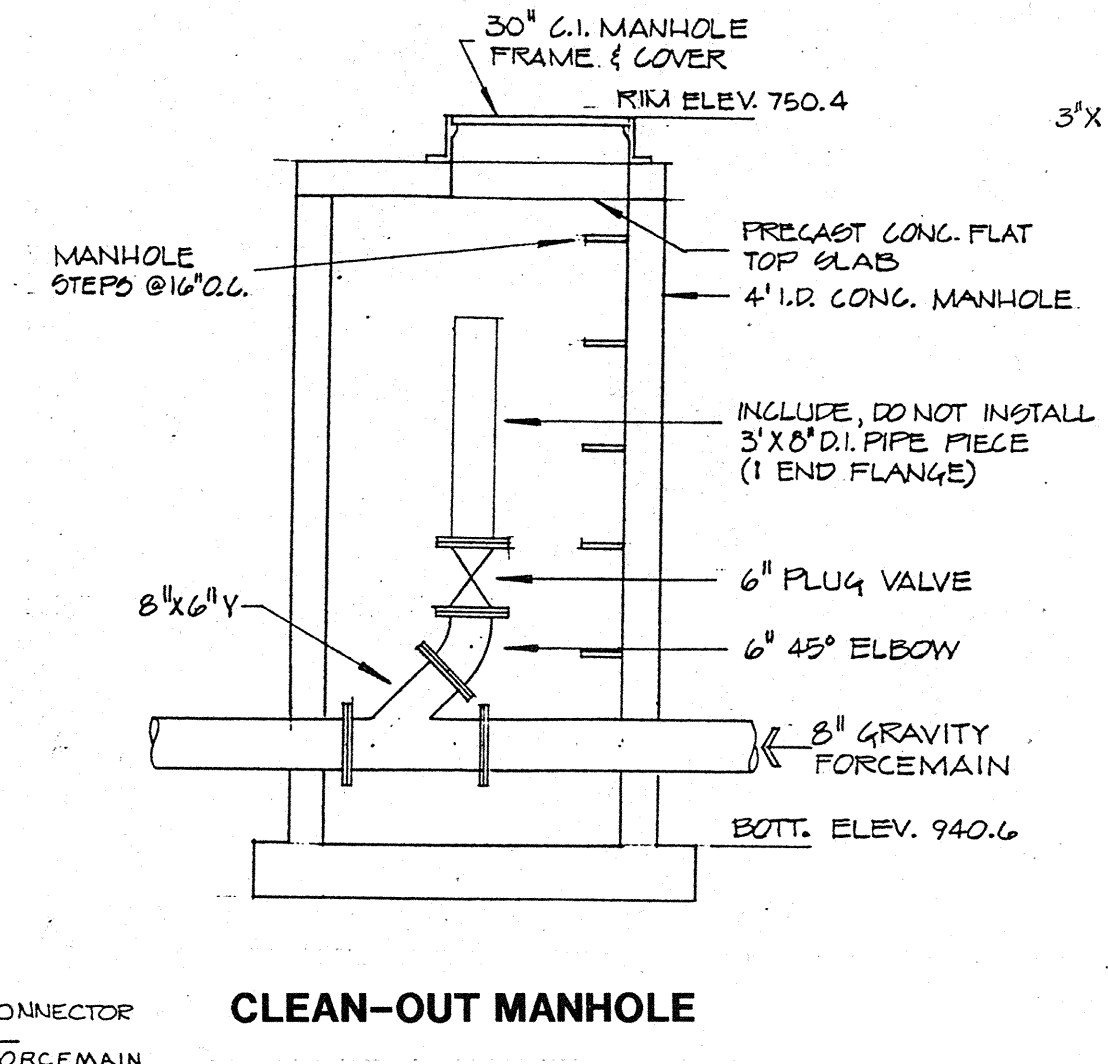
**PRESSURE LATERAL CONNECTION TO GRAVITY MAIN**  
N.T.S.

**GENERAL NOTES**

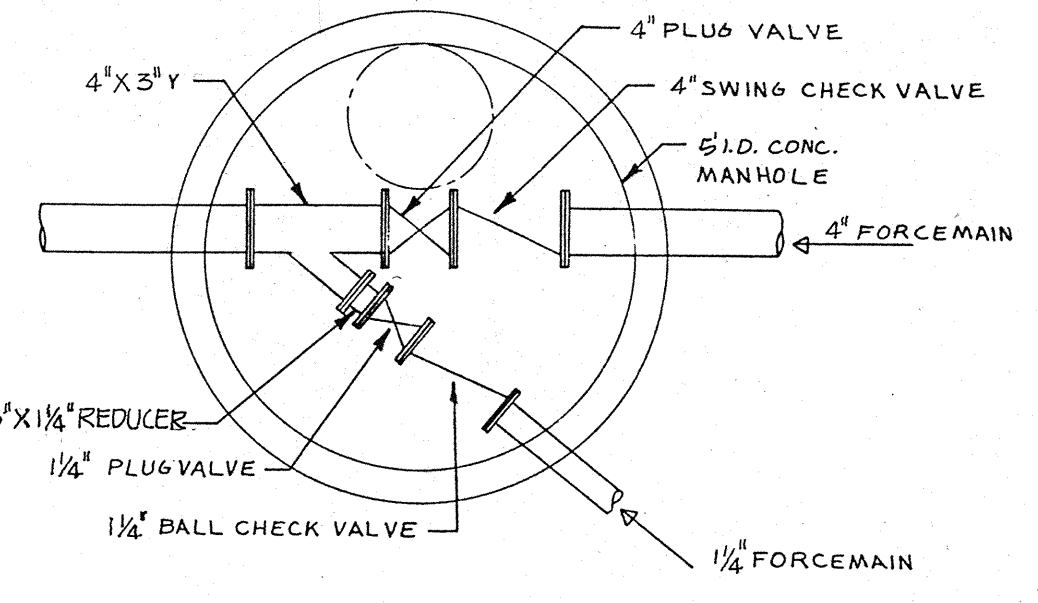
- CORP. STOP SHALL BE SPIRALLY WRAPPED WITH A MIN. OF TWO LAYERS OF 1/2\"/>
  - Inlet and Outlet: flare.
  - Shall be Minneapolis pattern.
- Curb Stops**
- Meet requirements of AWWA C800.
  - Inlet and Outlet: flare.
  - Shall be Minneapolis pattern.
- Curb Boxes**
- Lid:
    - Cast iron.
    - 1 inch threaded brass pentagon plug.
  - Upper section: Steel pipe.
  - Base: Cast iron, Minneapolis threaded.
  - Length shall be 7 feet when extended.
  - Curb box key and wrench.
    - Furnish two each per contract or one each per fifty curb boxes, whichever is greater.



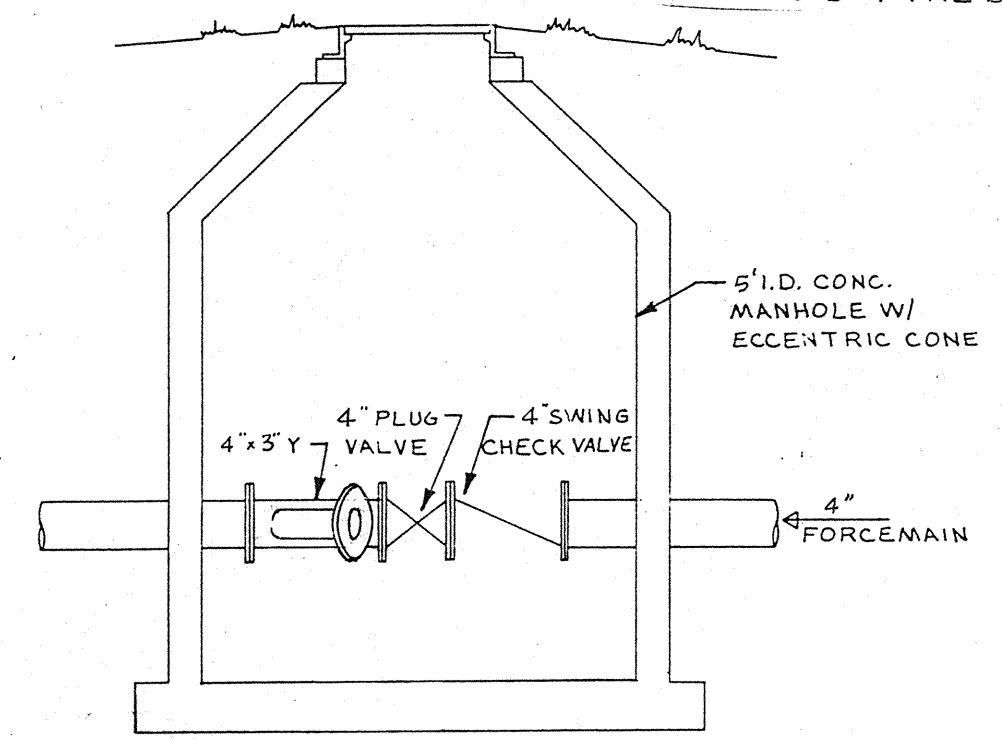
**MANHOLE CHIMNEY SEAL**



**CLEAN-OUT MANHOLE**

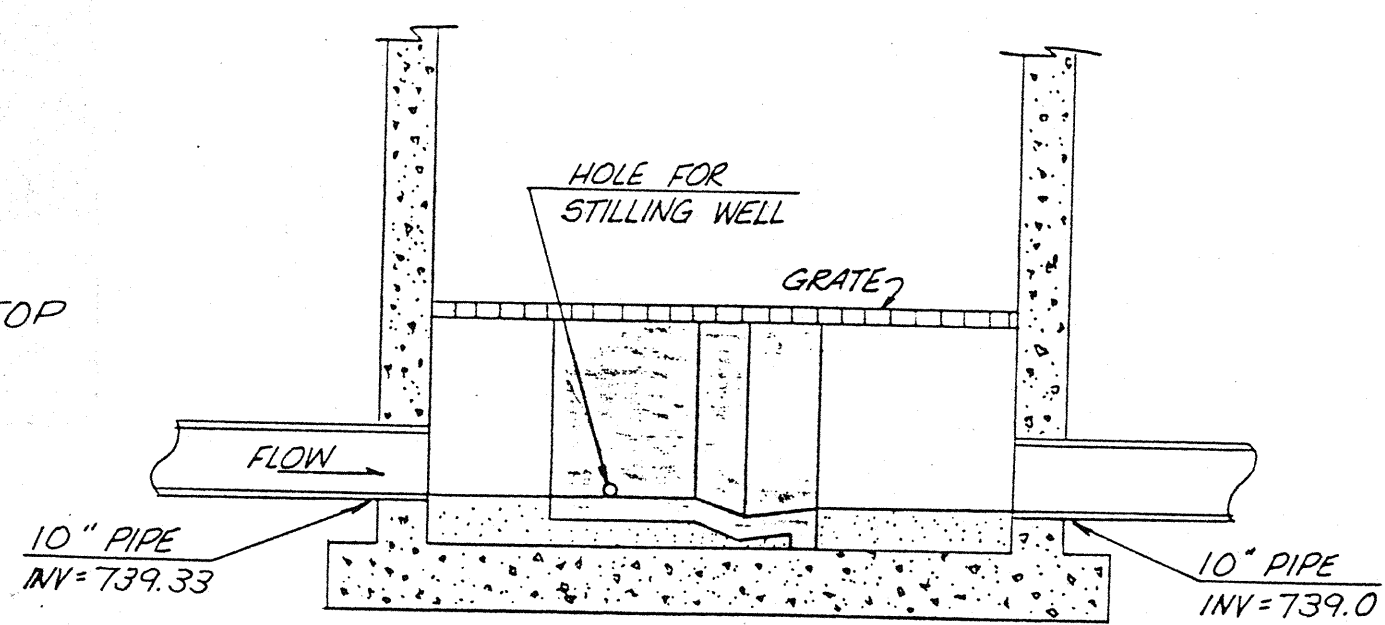


**PLAN**

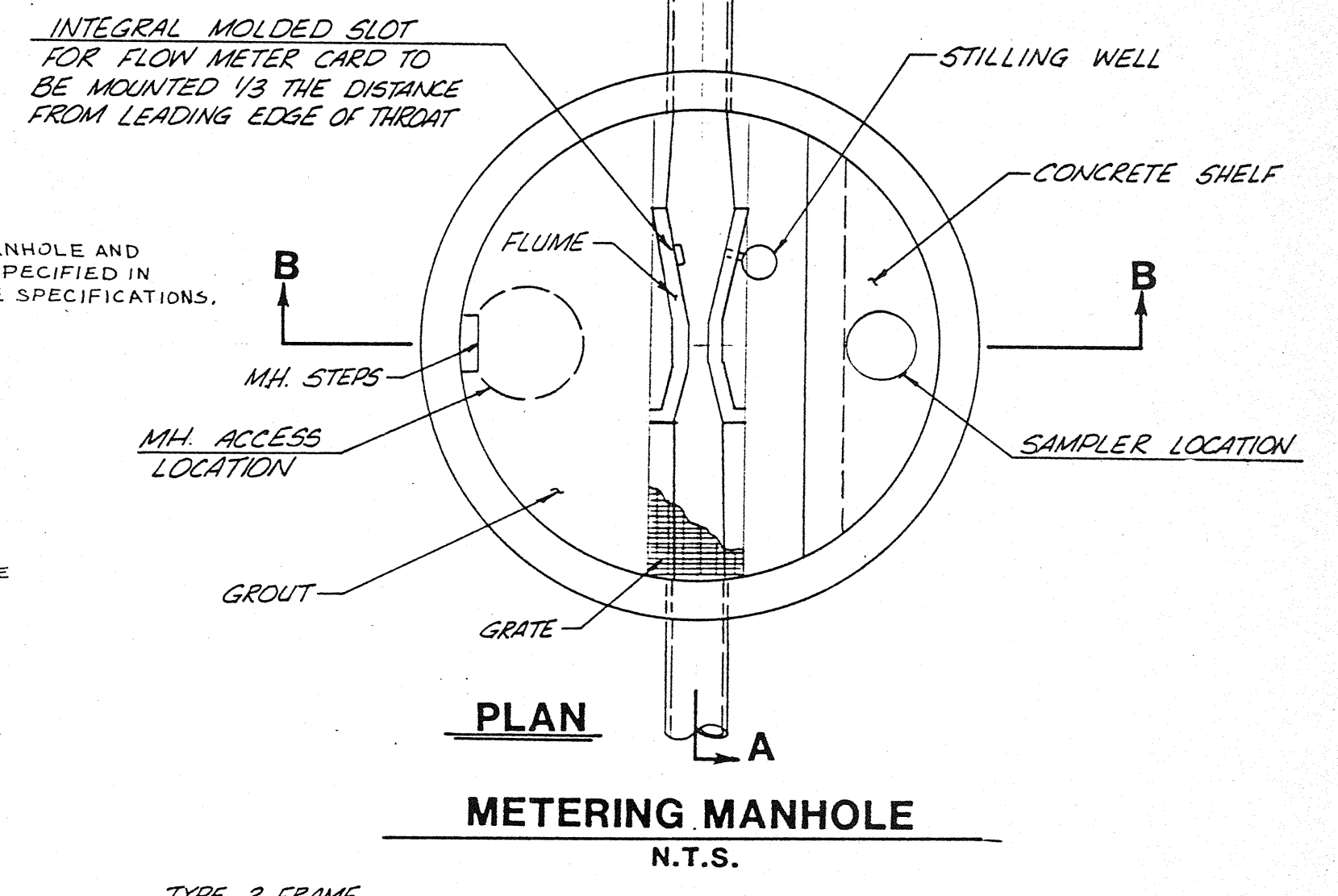


**SECTION**

**VALVE MANHOLE DETAIL**

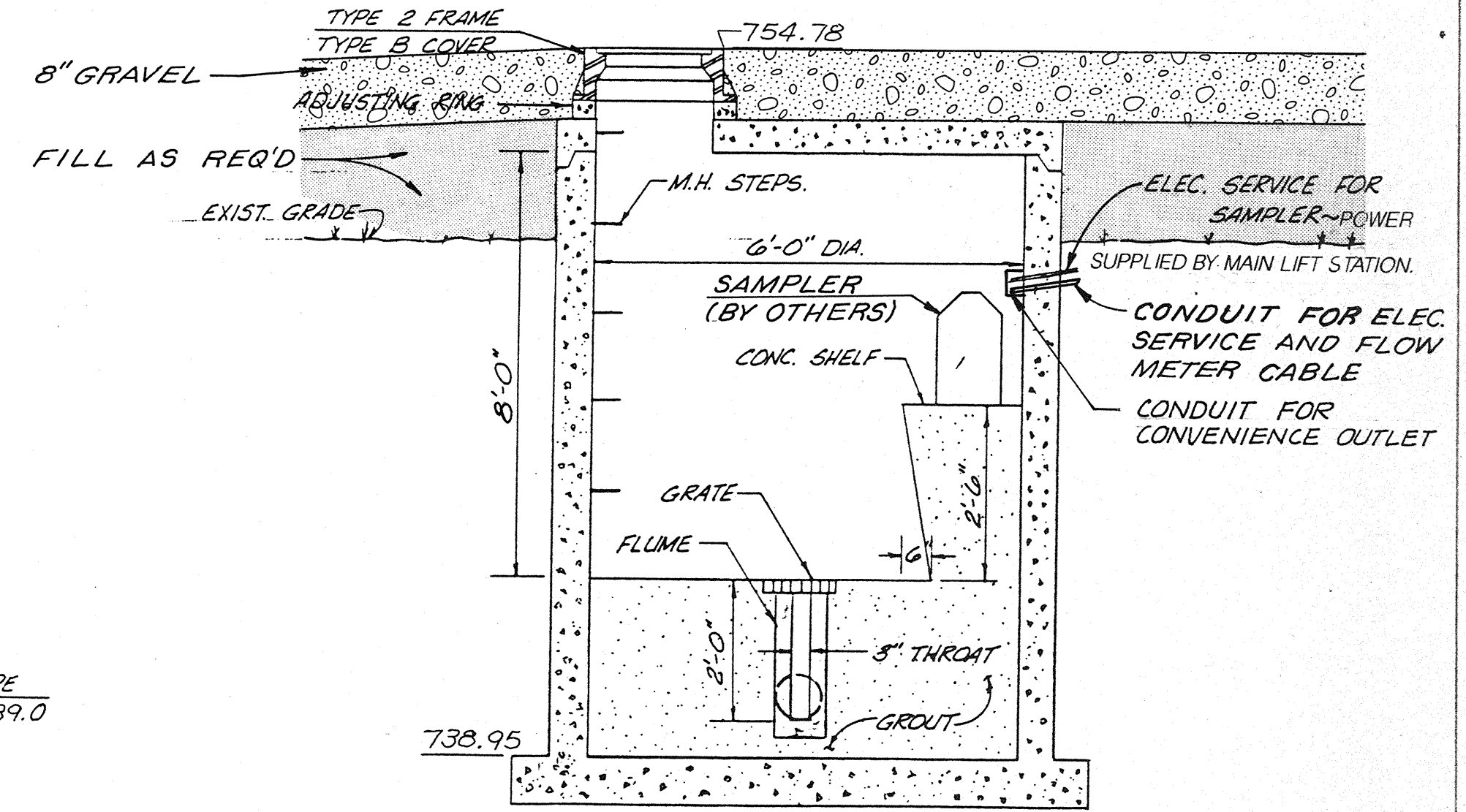


**SECTION A-A**

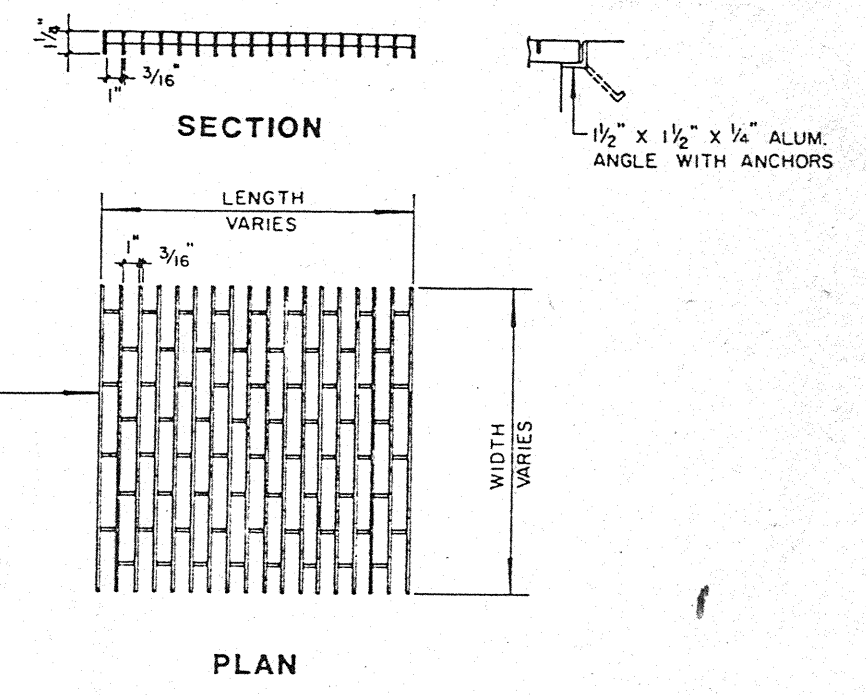


**PLAN**

**METERING MANHOLE**  
N.T.S.

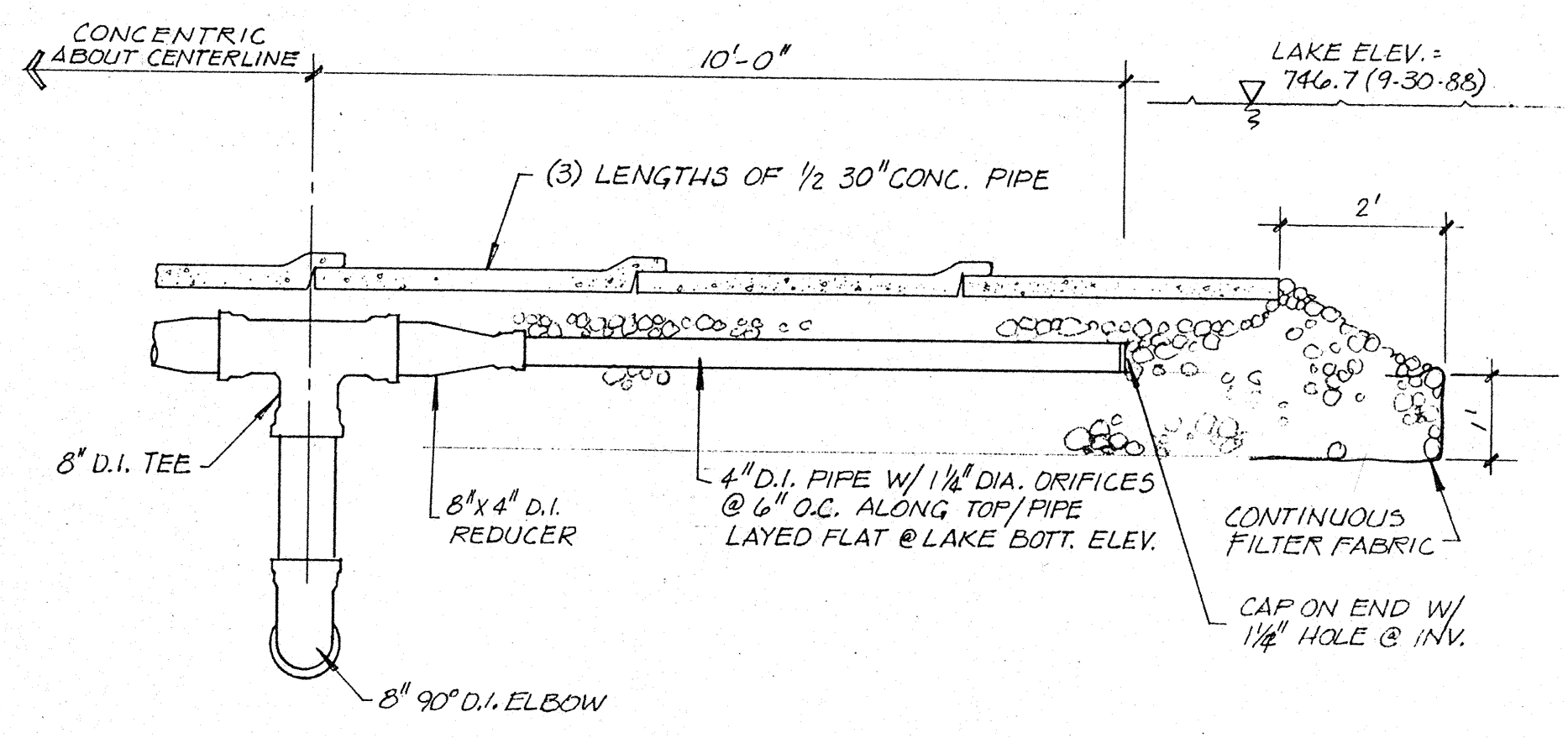


**SECTION B-B**



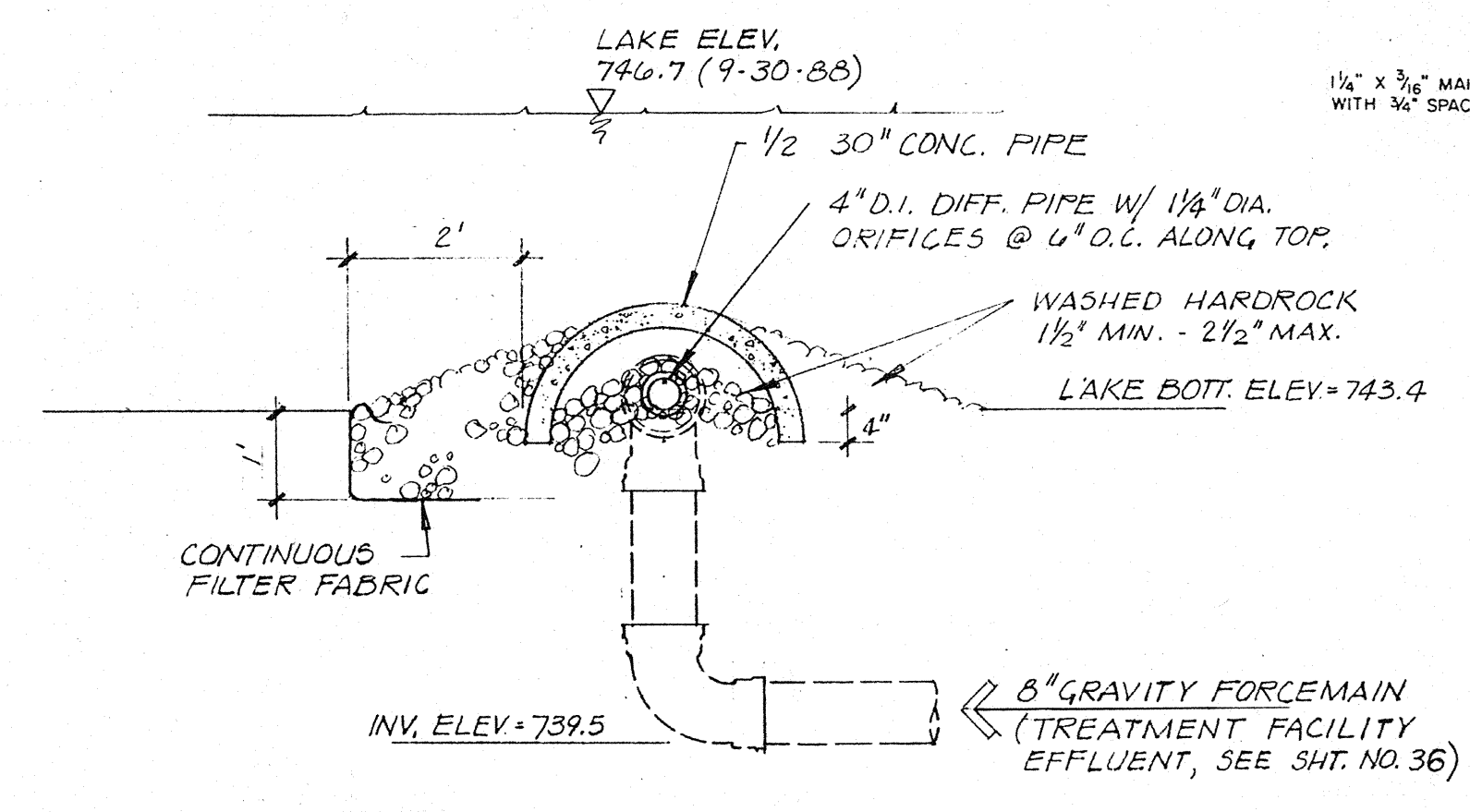
**ALUMINUM GRATING**

- NOTE:
- LENGTH, WIDTH & LOCATION OF ALL GRATING TO BE VERIFIED IN FIELD.
  - PROVIDE 1' REMOVABLE SECTION OF GRATING WHERE GRATING IS INDICATED OVER STOP PLATES.



**LAKE DIFFUSER**

1/2" = 1'-0"



8" GRAVITY FORCEMAIN (TREATMENT FACILITY EFFLUENT, SEE SHT. NO. 36)

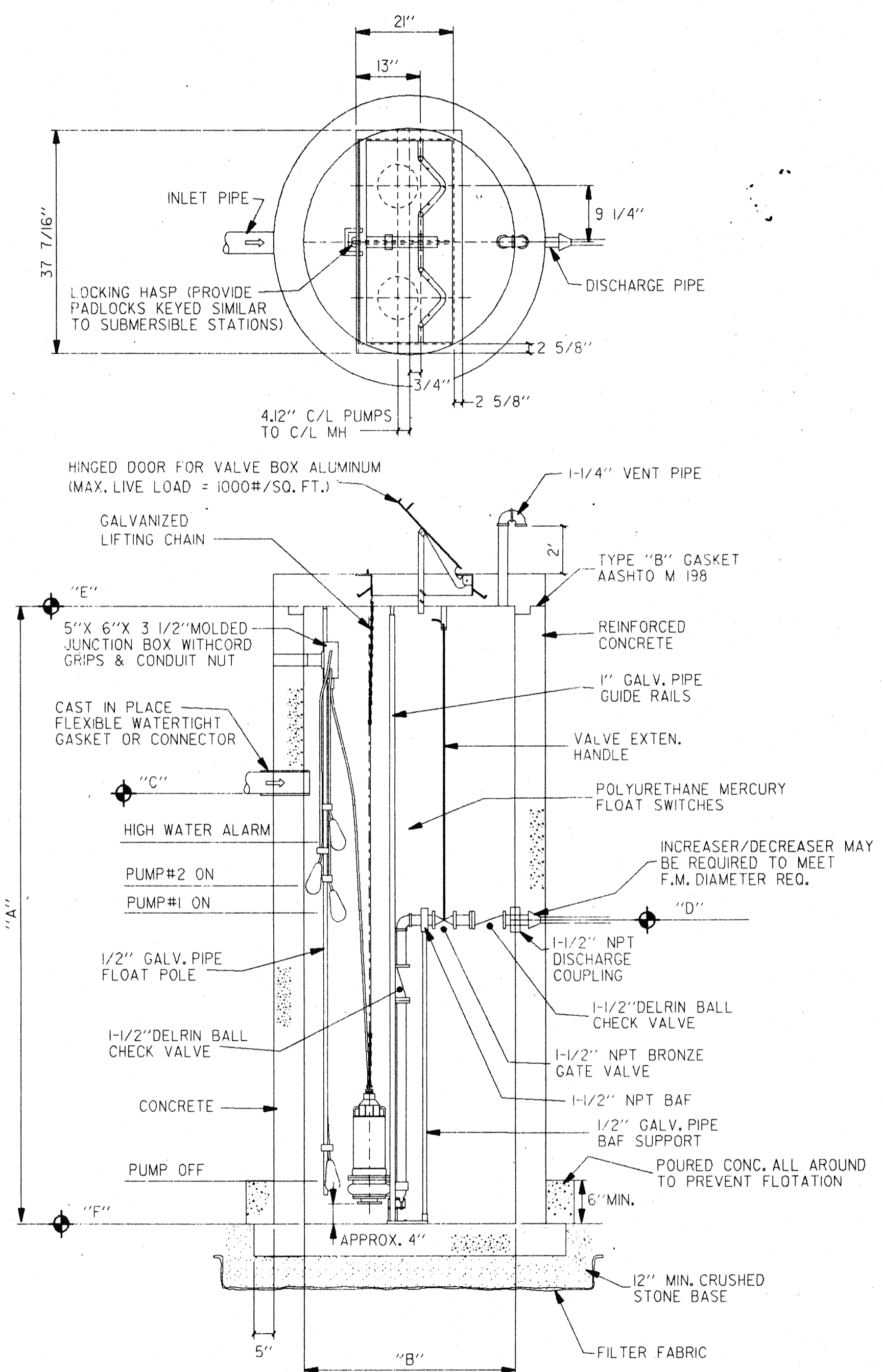
NO.	DESCRIPTION	DATE	BY	NO.	DESCRIPTION	DATE	BY

FILE NO.	DESIGN	DATE	REVIEW	DATE

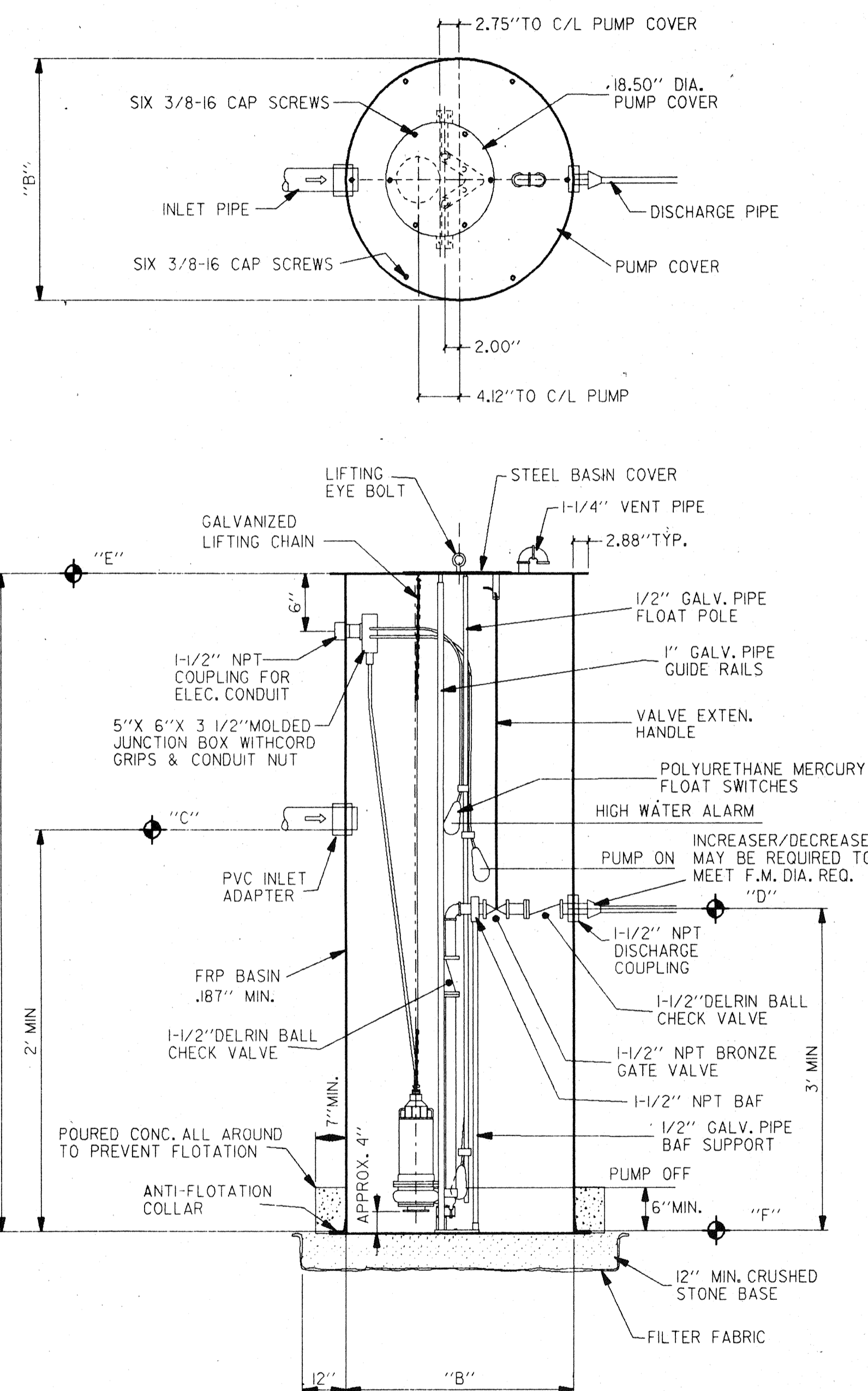
**Foth & Van Dyke**  
Engineers / Architects

**POYGAN SANITARY DISTRICT NO. 1**  
**TOWN OF POYGAN**  
WINNEBAGO COUNTY, WISCONSIN

**WASTEWATER COLLECTION SYSTEM**  
**DETAILS**  
SHEET NO. **41**



DUPLEX  
GRINDER PUMP DETAIL  
N. T. S.



SIMPLEX  
GRINDER PUMP DETAIL  
N. T. S.

GRINDER PUMP UNIT NO.	LOCATION	TYPE D/DUPLEX S/SIMPLEX	DEPTH "A"	STA. DIAMETER "B"	FORCEMAIN DIAMETER	INFLUENT INVERT ELEVATION "C"	DISCHARGE INVERT ELEVATION "D"	FINISHED GROUND ELEVATION "E"	BOTTOM ELEVATION "F"	IMPELLER DIAMETER
1	DELETED									DELETED
2	MH A-1	S/FRP	13.0'	24"	2"	744.00	746.00	753.00	740.00	4 5/8"
3	MH W-1	D/CONC	18.5'	48"	2"	742.54	752.00	758.5	740.00	4 3/8"
4	MH B-6	S/FRP	12.0'	24"	1 1/2"	745.25	744.25	753.00	741.00	4"
5	MH O-2	D/CONC	14.0'	48"	1 1/2"	742.34	744.50	753.20	739.20	4"
6	MH L-4	S/FRP	10.0'	24"	1 1/2"	745.80	745.50	753.00	743.00	4"
7	MH P-3	S/FRP	13.0'	24"	1 1/2"	743.50	746.74	752.50	739.50	4"
8	MH D-1	D/CONC	12.0'	48"	1 1/2"	743.71	744.04	753.00	741.00	4"
9	MH T-2	D/CONC	12.0'	48"	2"	744.00	743.50	753.00	741.00	4"
10	MH I-2	S/FRP	13.0'	24"	2"	744.30	742.50	752.90	739.90	4 3/8"
11	EAST OF L.S. NO. 2	S/FRP	9.0'	24"	1 1/4"	750.00	750.00	756.00	747.00	4"
12	WEST OF M.H. O-5	S/FRP	9.0'	24"	1 1/4"	746.00	746.80	752.80	743.80	4"
ADDITIONAL GPS.	CONTRACT "G"	D/FRP	12.0'	24"		COORDINATE WITH CONTRACT "G" (FURNISH ONLY)				4 5/8"

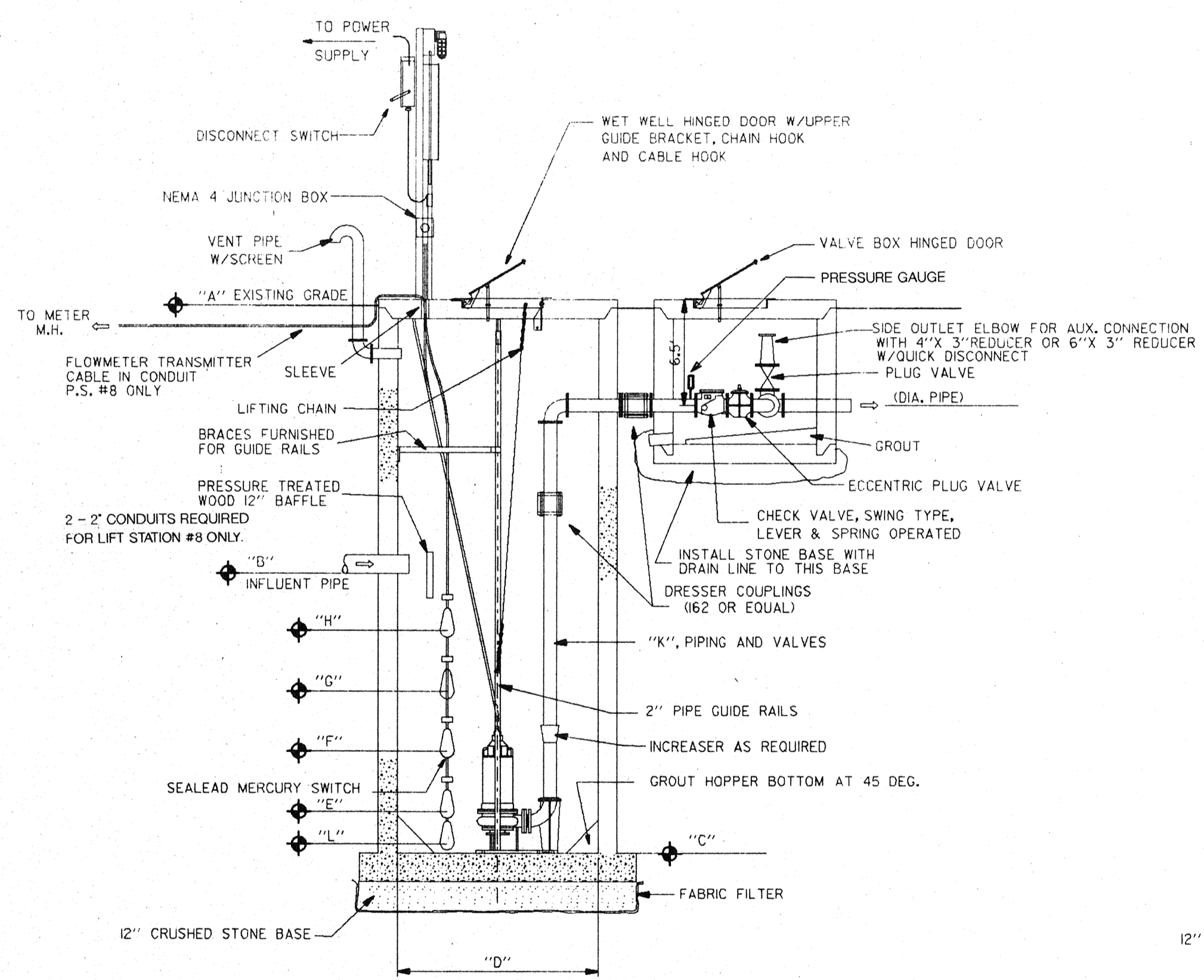
NOTES:

- ALL PIPE OPENINGS IN PRECAST CONCRETE M.H. SECTIONS ARE TO HAVE CAST-IN PLACE RUBBER GASKETS AFTER PLACEMENT OF PIPE, GROUT AROUND PIPE INSIDE AND OUTSIDE OF THE MANHOLE.
- ALL MATERIAL UNDER INLET AND OUTLET PIPING SHALL BE COMPACTED TO 95 PERCENT MODIFIED PROCTOR DENSITY.
- PROVIDE PADLOCKS KEYED ALIKE.
- WETWELL MANHOLE SHOP DRAWINGS TO BE SUBMITTED & APPROVED WITH PUMPING EQUIPMENT SHOP DRAWING.
- FURNISH AND INSTALL AT EACH GRINDER PUMP STATION A SIGN WHICH READS: "LEVEL 2 CONFINED SPACE, DO NOT ENTER WITHOUT PROPER EQUIPMENT"
- G.P.S. NO'S 11 AND 12 HAVE VALVE MANHOLES.

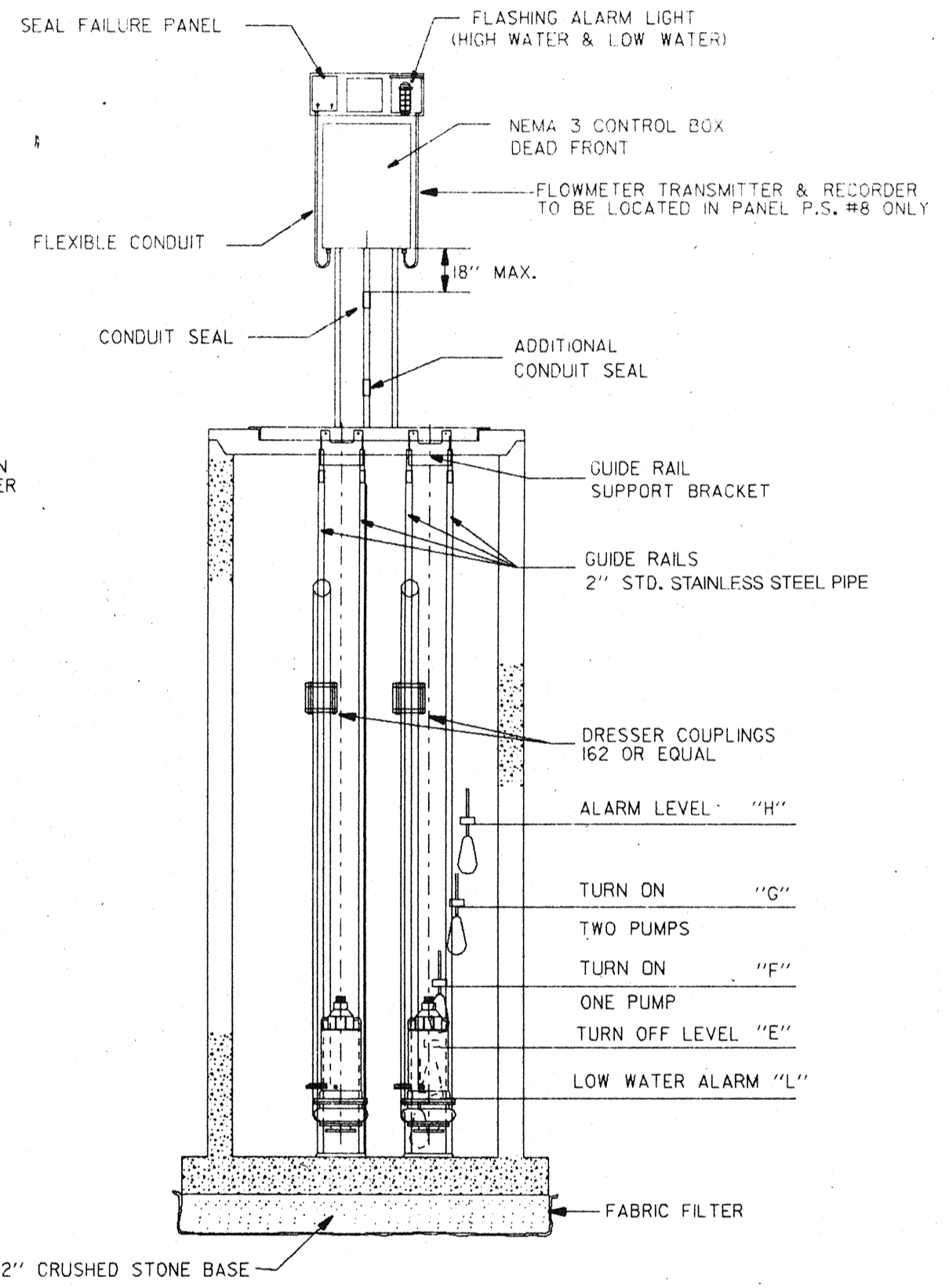
RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTORS AND/OR OWNERS RECORDS DURING CONSTRUCTION. BY: _____ DATE: _____	PROJECT REVIEW		REVISIONS			FILE NO.	TLF	SCALE AS INDICATED	Foth & Van Dyke Engineers / Architects	POYGAN SANITARY DISTRICT NO. 1 TOWN OF POYGAN WINNEBAGO COUNTY, WISCONSIN	GRINDER PUMP COLLECTION SYSTEM	SHEET NO. 42
	DESIGN	DATE	DESIGN	DATE	NO.	DESCRIPTION	DATE					

0516001.0018P56P001.001

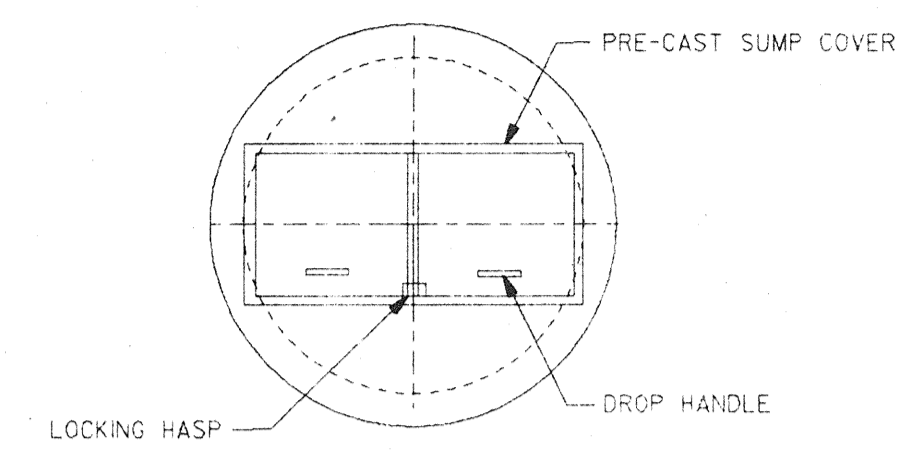
© 1988 Foth & Van Dyke and Associates Inc.



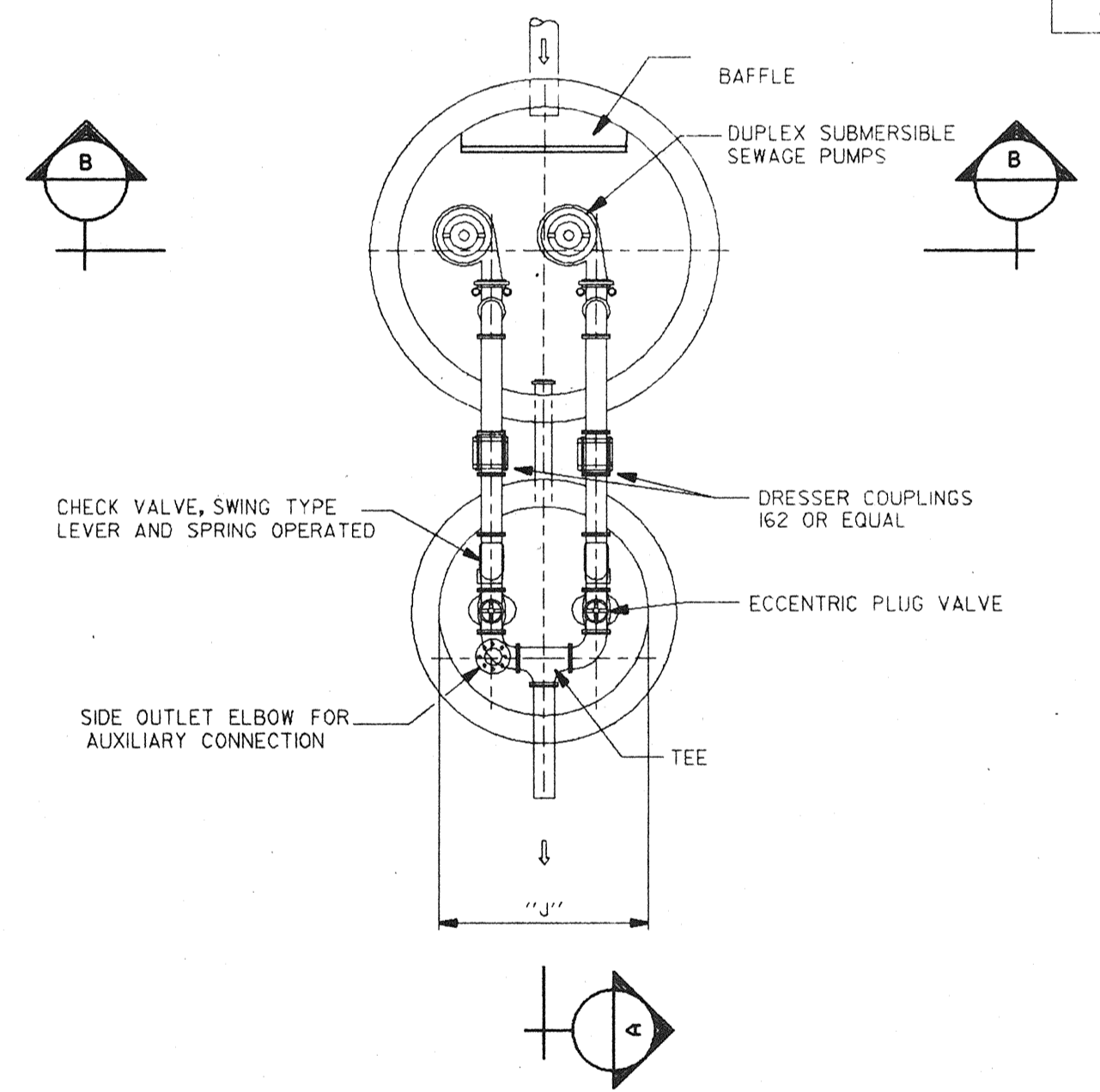
SECTION "A-A"  
N. T. S.



SECTION "B-B"  
N. T. S.



PLAN-COVER  
N. T. S.



PLAN-PIPING  
N. T. S.

PUMP STATION	#1	#2	#3	#4	#5	#6	#7	#8	MAIN
"A" GROUND ELEV.	752.0	751.8	753.4	753.0	753.5	753.0	754.0	755.0	
"B" INFLUENT ELEV.	742.5	737.98	737.98	738.4	737.2	735.77	739.3	739.18	
"C" BASE ELEV.	735.0	730.9	732.4	732.5	731.5	730.2	734.0	733.5	
"D" STATION DIA.	5'	5'	5'	5'	5'	6'	6'	6'	
"E" PUMP OFF	737.0	732.9	734.4	734.05	733.5	733.2	736.0	735.5	
"F" PUMP 1 ON	738.3	734.49	735.78	736.03	735.28	734.69	737.7	738.18	
"G" PUMP 2 ON	738.81	736.4	736.78	737.03	736.28	735.0	738.7	738.58	
"H" ALARM ELEV.	739.31	736.9	737.38	737.6	736.78	735.3	739.0	739.08	
"I" FORCEMAIN DIA.	4"	4"	4"	4"	4"	4"	6"	6"	
"J" EM. PUMP MH DIA. (MIN.)	5.0'	5.0'	5.0'	5.0'	5.0'	5.0'	6.0'	6.0'	
"K" PIPING	4"	4"	4"	4"	4"	4"	6"	6"-(8")	
"L" LOW ALARM	736.8	733.7	734.2	733.85	733.3	733.0	735.8	735.3	

GENERAL NOTES FOR LIFT STATIONS

- FLOAT ASSEMBLY SHALL BE MODEL "9GS" AS MANUFACTURED BY CONSOLIDATED ELECTRIC COMPANY OR EQUAL, MOUNTED ON A STAINLESS STEEL ROD AS PER MANUFACTURER'S RECOMMENDATION.
- CONCRETE BASE SHALL BE MONOLITHIC.
- CONCRETE BASES SHALL BE ON 12" OF COMPACTED GRAVEL BASE.
- ALL PIPE OPENINGS IN PRECAST CONCRETE M.H. SECTIONS ARE TO HAVE CAST-IN PLACE RUBBER GASKETS AFTER PLACEMENT OF PIPE, GROUT AROUND PIPE INSIDE AND OUTSIDE OF MANHOLE.
- ALL MATERIAL UNDER INLET AND OUTLET PIPING SHALL BE COMPACTED TO 95 PERCENT MODIFIED PROCTOR DENSITY.
- PROVIDE PADLOCKS KEYS ALIKE.
- CABLE SHALL BE CONTINUOUS FROM PUMPS TO CONTROL PANEL.
- JUNCTION BOXES SHALL NOT BE LOCATED IN THE WET WELL.
- INSTALL AND PROVIDE A 1/2 INCH DIA. TAP WITH SHUT OFF VALVE AND A 0-30 PSI PRESSURE GAUGE FOR EACH PUMP DISCHARGE LINE IN THE VALVE MANHOLE.
- WETWELL AND VALVE MANHOLE SHOP DRAWING TO BE SUBMITTED & APPROVED WITH PUMPING EQUIPMENT SHOP DRAWING.
- FURNISH AND INSTALL A SIGN AT EACH LIFTSTATION WHICH READS: "LEVEL 2 CONFINED SPACE, DO NOT ENTER WITHOUT PROPER EQUIPMENT"
- OWNER'S POLE SHALL BE LOCATED IN FIELD BY E/A

PROJECT REVIEW		REVISIONS			FILE NO.	TLF				
DESIGN	TLF	DATE	DESIGN	DATE	NO.	DESCRIPTION	DATE	BY	FILE NO.	TLF
REVIEW	EAL	DATE	REVIEW	DATE	NO.	DESCRIPTION	DATE	BY	FILE NO.	TLF
		10-88		10-88	1				88P56	JCF
		10-88		10-88	2				8P56LS001	PLJA
		10-88		10-88	3					6-FEB-1989

SCALE  
AS SHOWN

**Foth & Van Dyke**  
Engineers / Architects

POYGAN SANITARY DISTRICT NO. 1  
TOWN OF POYGAN  
WINNEBAGO COUNTY, WISCONSIN

LIFT STATION  
GENERAL

SHEET NO.  
43