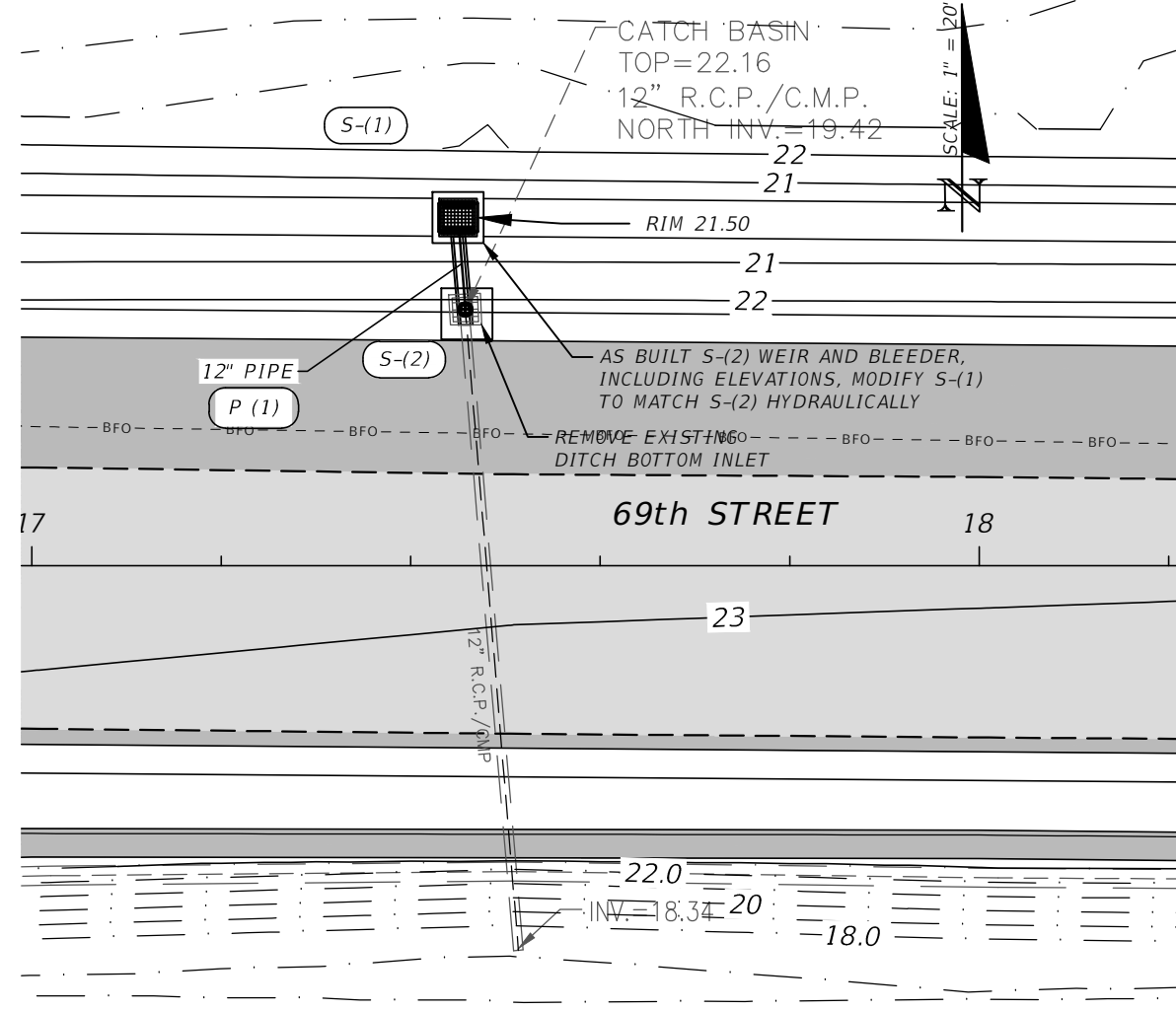
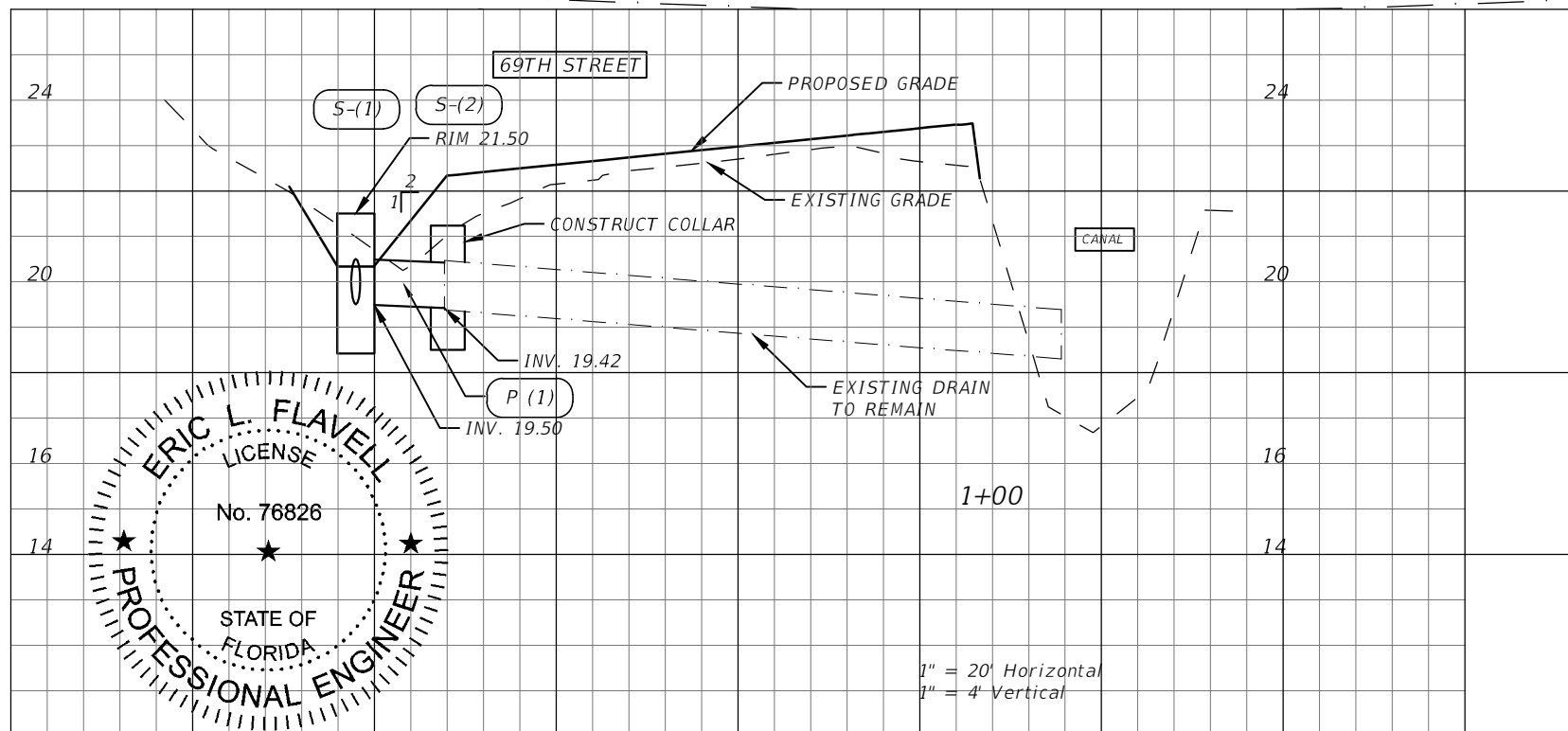


STRUCTURE TABLE					
QTY	STR. #	STATION	SIDE	DESCRIPTION	CONNECTED PIPE
1	S-(1)	17+45.01	Lt.	Index No. 232 - Ditch Bottom Inlet - Type C	12" Pipe Culvert S/CD
1	S-(2)	17+45.77	Lt.	Existing Ditch Bottom Inlet to be Removed - Connect new Pipe	12" Pipe Culvert S/CD
1	S-(3)	20+29.29	Rt.	Index No. 258 - Rip Rap - Single 18-84 in. Dia Pipe, see detail sheet 10	48" Pipe Culvert S/CD
1	S-(4)	21+39.52	Rt.	Index No. 232 - Ditch Bottom Inlet - Type H with 3 grates	48" Pipe Culvert S/CD 24" Pipe Culvert S/CD 48" Pipe Culvert S/CD 24" Pipe Culvert S/CD
1	S-(5)	21+71.26	Rt.	Index No. 258 - Rip Rap - Single 18-84 in. Dia Pipe, see detail sheet 10	48" Pipe Culvert S/CD
1	S-(6)	487+88.10	Lt.	Index No. 232 - Ditch Bottom Inlet - Type C	24" Pipe Culvert S/CD
1	S-(7)	487+87.94	Rt.	Index No. 232 - Ditch Bottom Inlet - Type C	24" Pipe Culvert S/CD 24" Pipe Culvert S/CD
1	S-(8)	489+48.03	Rt.	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	24" Pipe Culvert S/CD
1	S-(9)	577+55.51	Lt.	-	24" Pipe Culvert S/CD
1	S-(10)	577+62.87	Lt.	Index No. 201 - Type 8 Manhole (Eccentric Cone with 1 or 2-Piece Cover, Round Structure Bottom)	24" Pipe Culvert S/CD 24" Pipe Culvert S/CD
1	S-(11)	578+08.73	Lt.	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	24" Pipe Culvert S/CD
1	S-(12)	460+97.10	Lt.	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	12" Pipe Culvert S/CD
1	S-(13)	461+40.99	Lt.	Index No. 201 - Type 7 Manhole (1 or 2-Piece Cover (Center), Round Bottom)	12" Pipe Culvert S/CD
1	S-(14)	461+84.90	Rt.	Existing End of Pipe	24" Pipe Culvert S/CD
1	S-(15)	461+98.83	Rt.	Index No. 232 - Ditch Bottom Inlet - Type C	24" Pipe Culvert S/CD 24" Pipe Culvert S/CD
1	S-(16)	462+42.35	Rt.	Existing End of Pipe	24" Pipe Culvert S/CD
1	S-(17)	510+61.21	Lt.	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	12" Vertical Elliptical Concrete Pipe
1	S-(18)	510+98.19	Lt.	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	12" Vertical Elliptical Concrete Pipe
1	S-(19)	543+52.40	Lt.	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	12" Vertical Elliptical Concrete Pipe
1	S-(20)	543+89.38	Lt.	Index No. 272 - Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	12" Vertical Elliptical Concrete Pipe

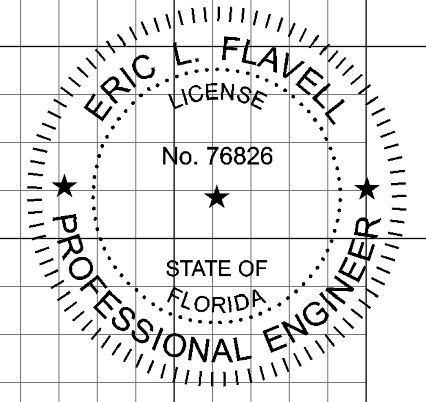
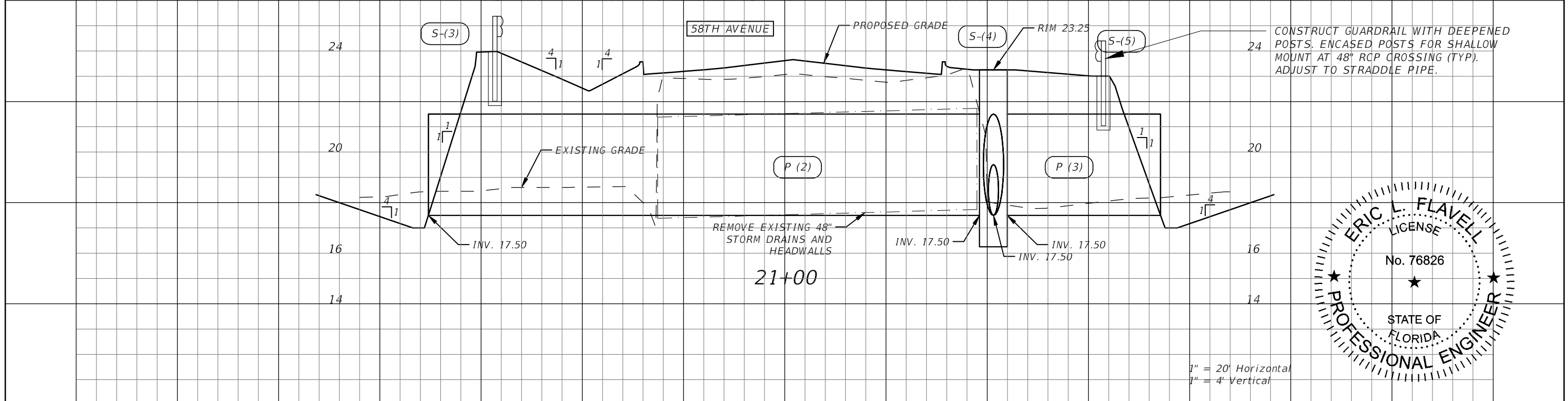
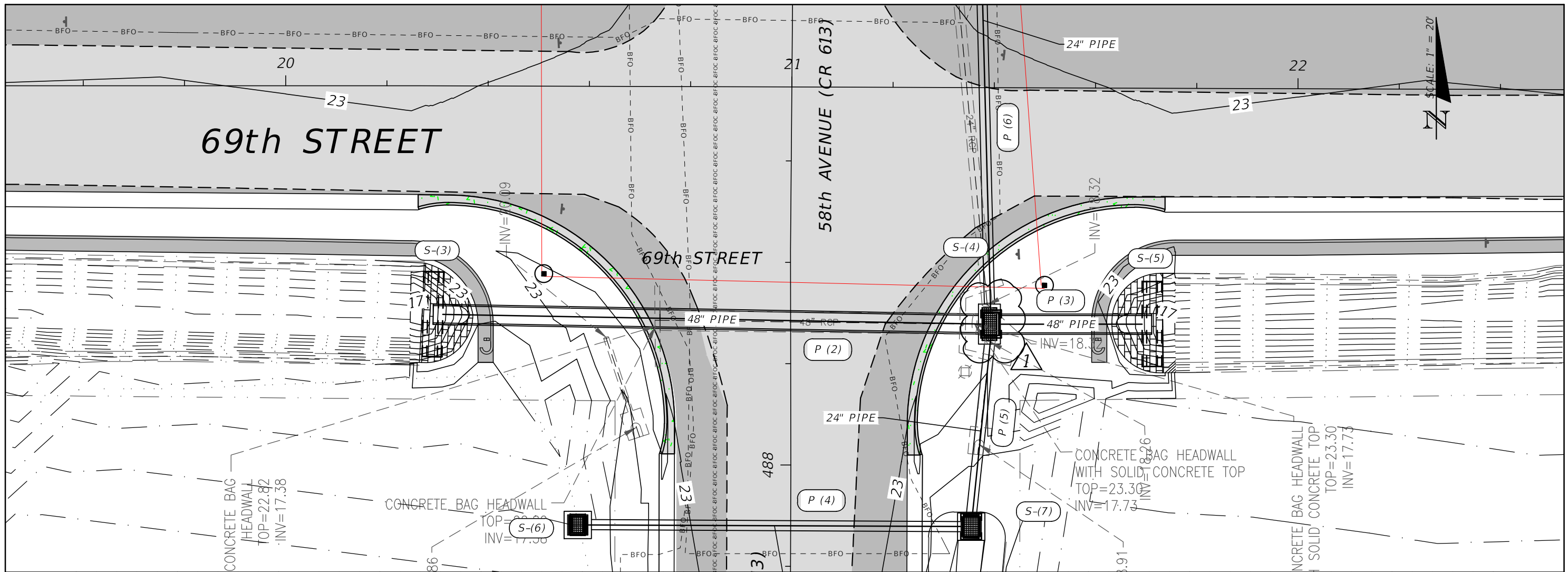


PIPE TABLE					
#	STRT #	SIDE	DESCRIPTION	SIZE INCHES	LENGTH
P(1)	S-(2)	-27.05 Lt.	12" RCP, ROUND	12.0"	9.75'
P(2)	S-(3)	45.09 Rt.	48" RCP, ROUND	48.0"	110.24'
P(3)	S-(4)	46.67 Rt.	48" RCP, ROUND	48.0"	31.74'
P(4)	S-(6)	86.53 Rt.	24" RCP, ROUND	24.0"	75.00'
P(5)	S-(7)	35.66 Rt.	24" RCP, ROUND	24.0"	37.91'
P(6)	S-(4)	39.60 Rt.	24" RCP, ROUND	24.0"	120.00'
P(7)	S-(9)	-48.43 Lt.	24" RCP / CMP, ROUND	24.0"	16.99'
P(8)	S-(10)	-33.19 Lt.	24" RCP, ROUND	24.0"	45.86'
P(9)	S-(13)	-32.44 Lt.	12" RCP, ROUND	12.0"	43.89'
P(10)	S-(16)	36.09 Rt.	24" RCP, ROUND	24.0"	14.25'
P(11)	S-(15)	44.40 Rt.	24" RCP, ROUND	24.0"	44.41'
P(12)	S-(18)	-33.05 Lt.	23" x 14" Vertical Elliptical Concrete Pipe	12.0"	48.00'
P(13)	S-(20)	-31.33 Lt.	23" x 14" Vertical Elliptical Concrete Pipe	12.0"	36.99'



REVISIONS				ERIC L. FLAVELL, P.E. P.E. LICENSE NUMBER 76826 BOWMAN CONSULTING GROUP 4450 W. EAU GALLIE BLVD. MELBOURNE, FL 32934 CERTIFICATE OF AUTHORIZATION 30462	INDIAN RIVER COUNTY DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION ROAD NO. COUNTY FINANCIAL PROJECT ID CR-613 INDIAN RIVER IRC: 1325 58th AVE FD01.436416-1-54-01	DRAINAGE PLAN AND PROFILE	SHEET NO. 180
DATE	DESCRIPTION	DATE	DESCRIPTION				
2/19/20	RESPONSE TO COUNTY COMMENTS						

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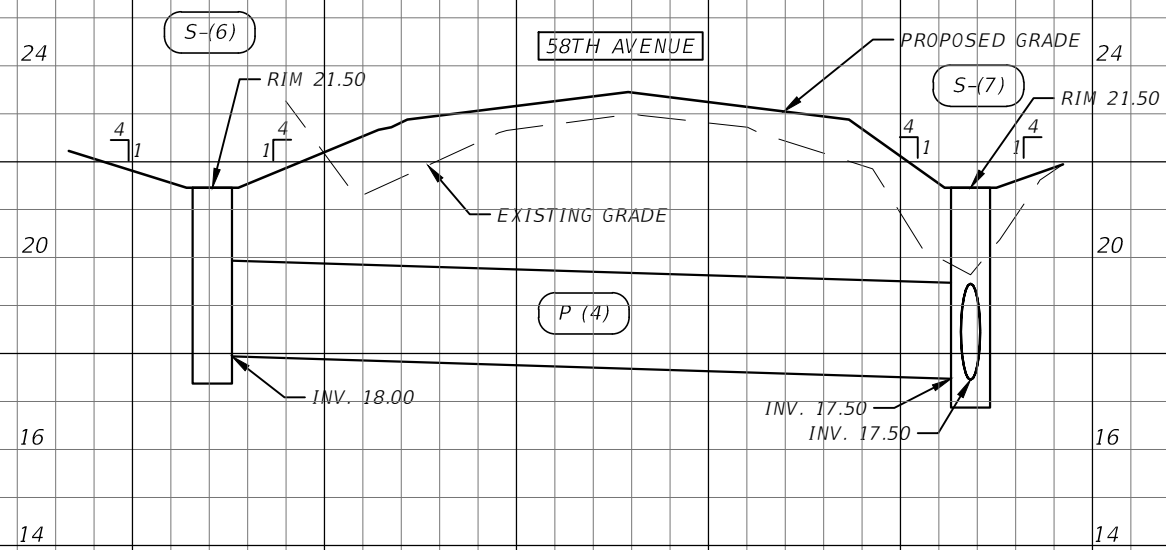
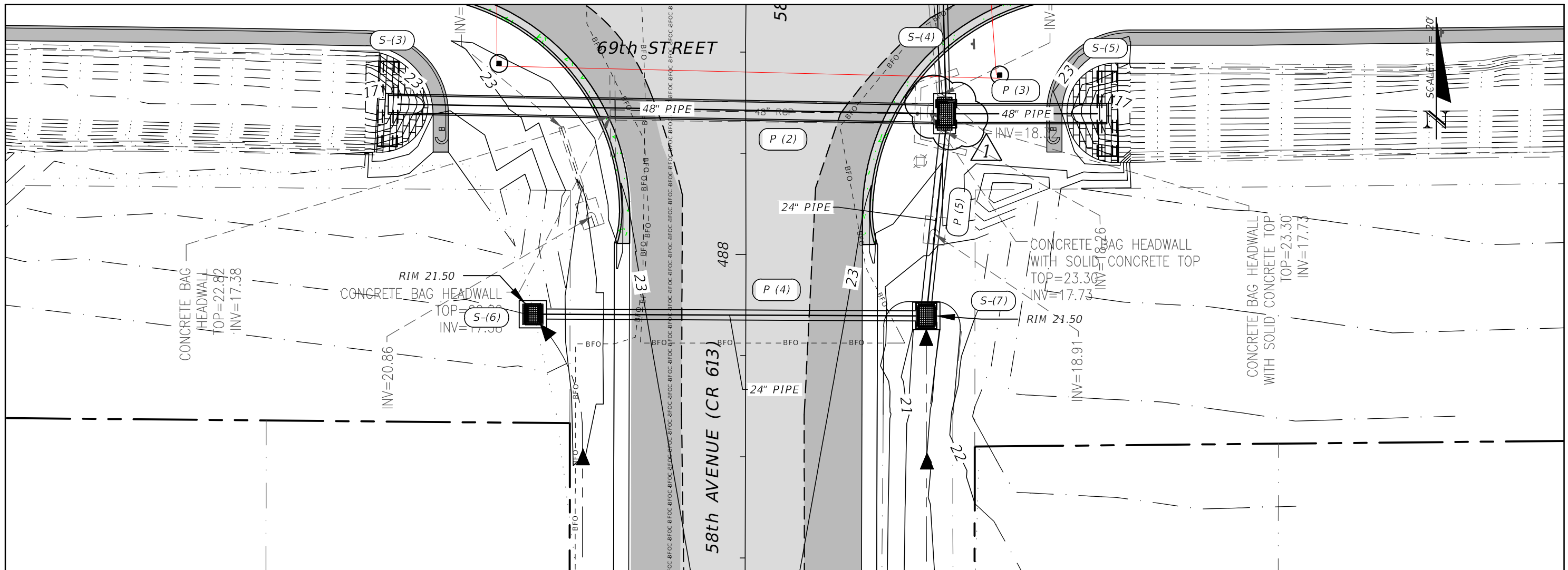
1" = 20' Horizontal
1" = 4' Vertical

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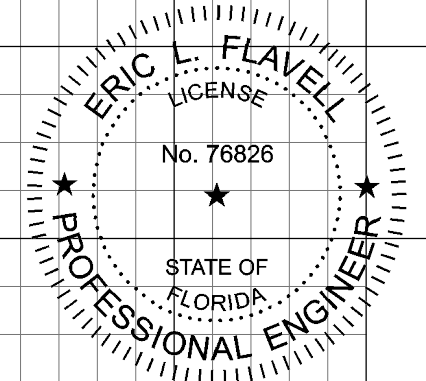
ERIC L. FLAVELL, P.E. P.E. LICENSE NUMBER 76826 BOWMAN CONSULTING GROUP 4450 W. EAU GALLIE BLVD. MELBOURNE, FL 32934 CERTIFICATE OF AUTHORIZATION 30462		INDIAN RIVER COUNTY DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION ROAD NO. COUNTY FINANCIAL PROJECT ID CR-613 INDIAN RIVER IRC: 1325 58th AVE FD01:436416-1-54-01		SHEET NO. 181
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1" = 20' Horizontal
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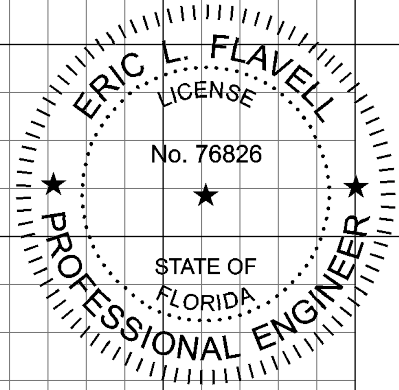
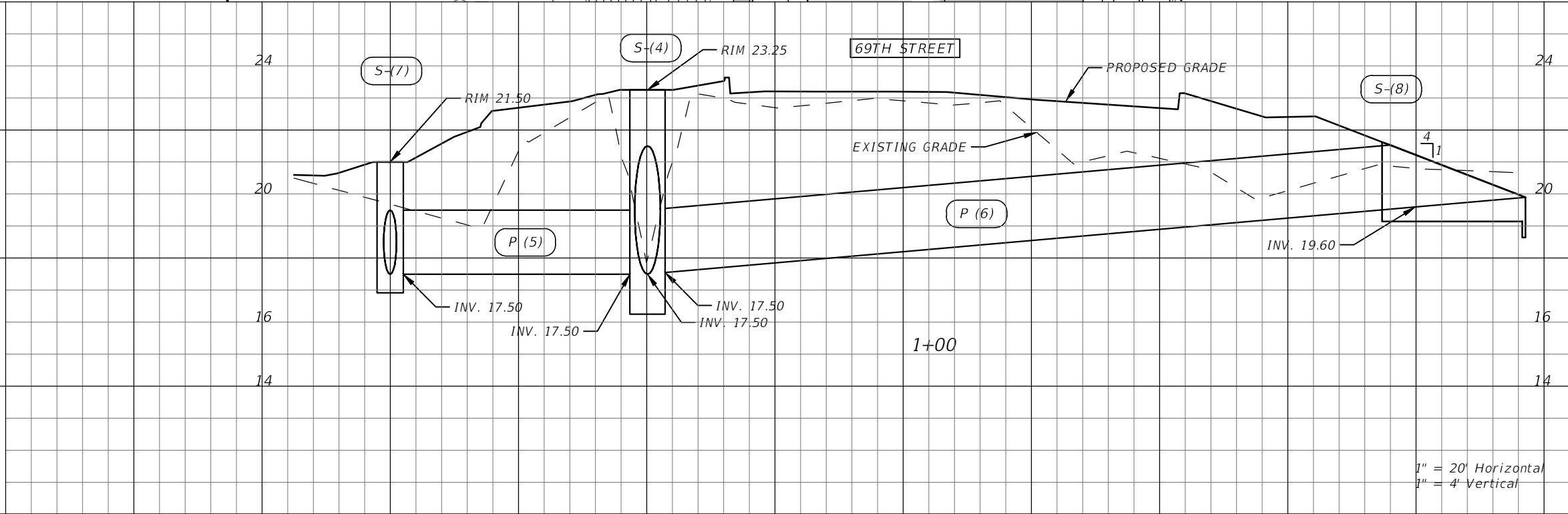
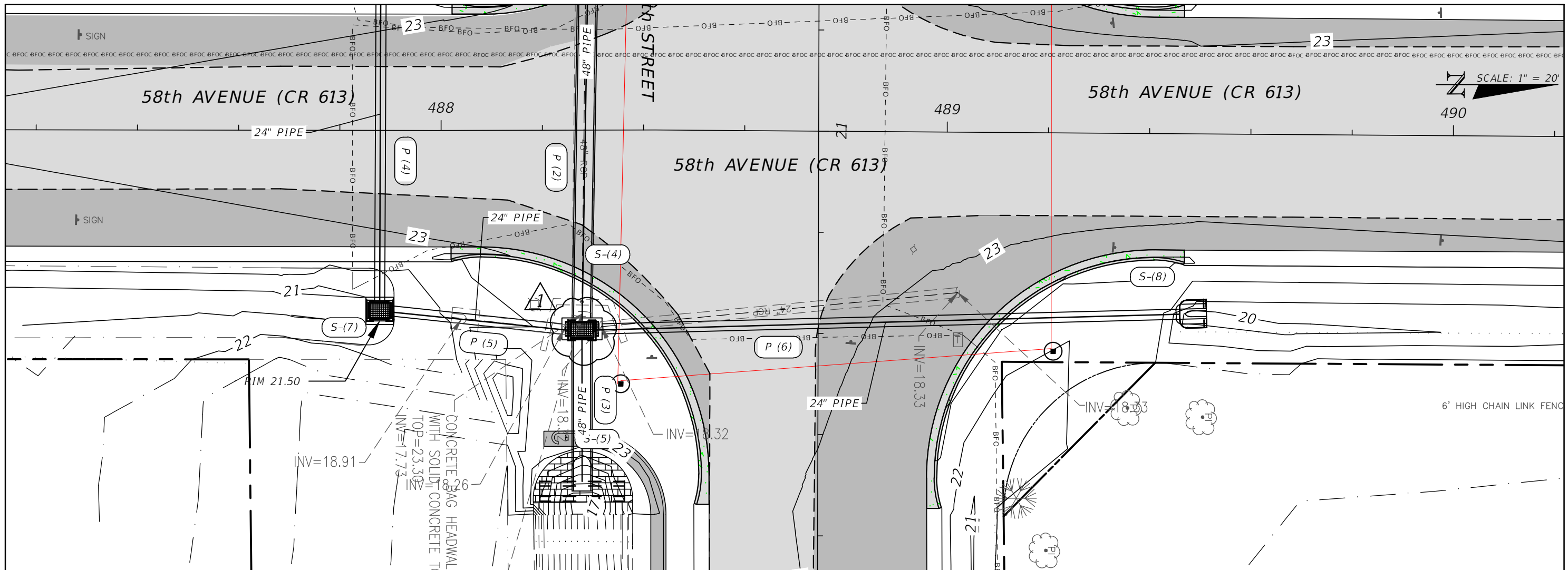
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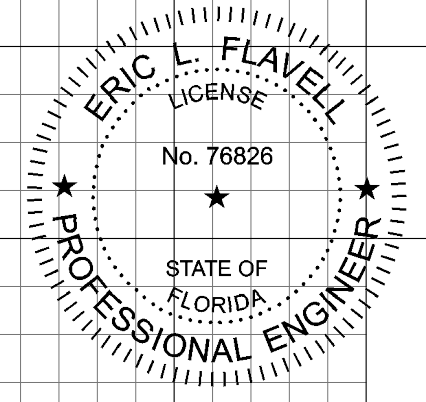
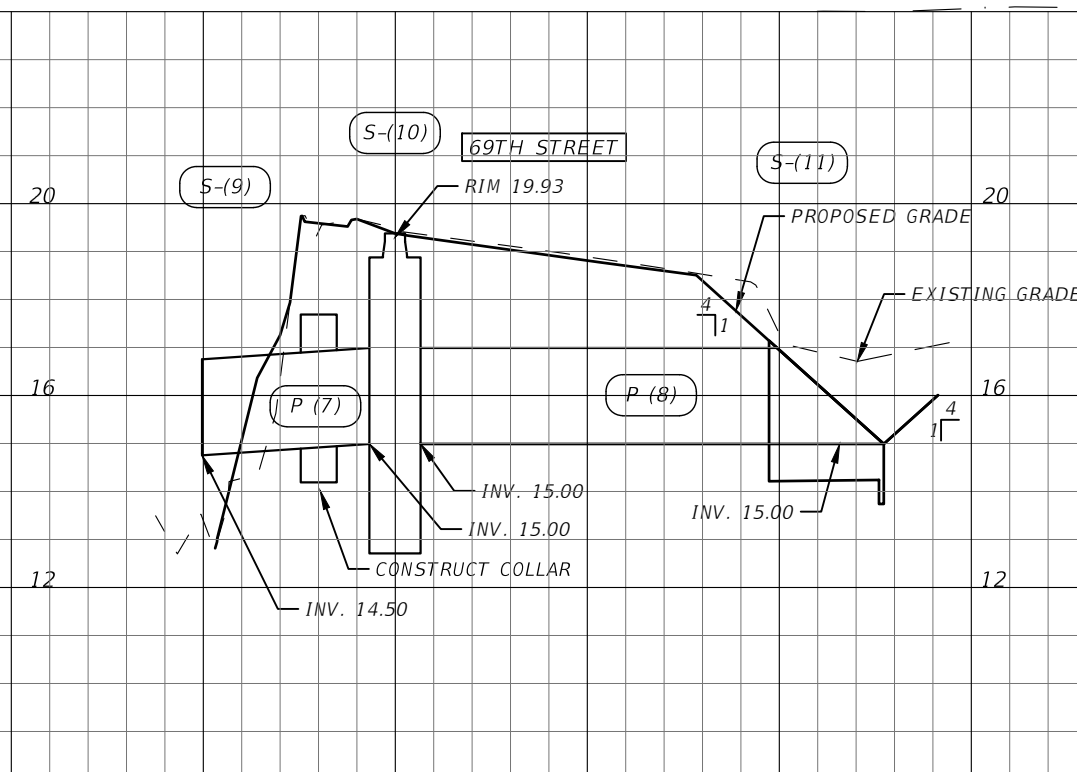
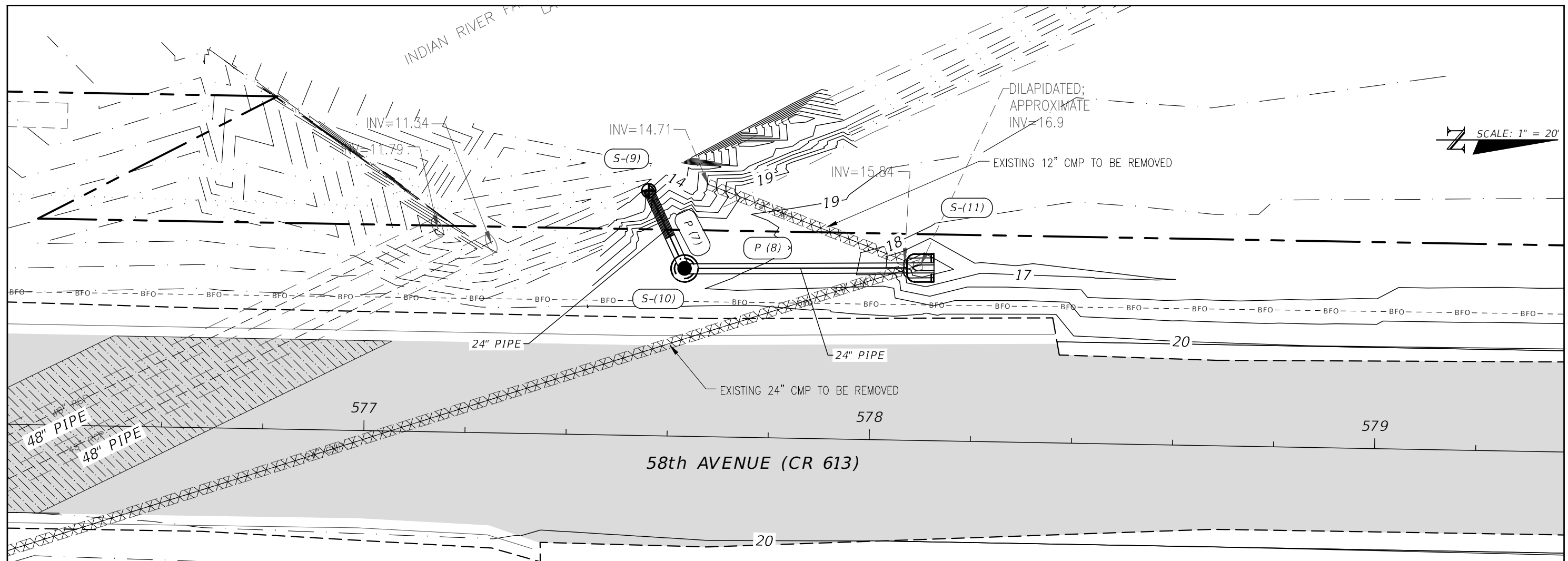
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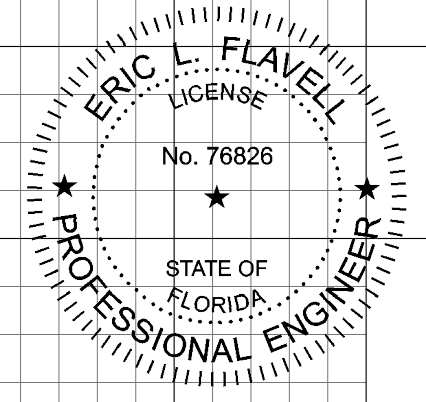
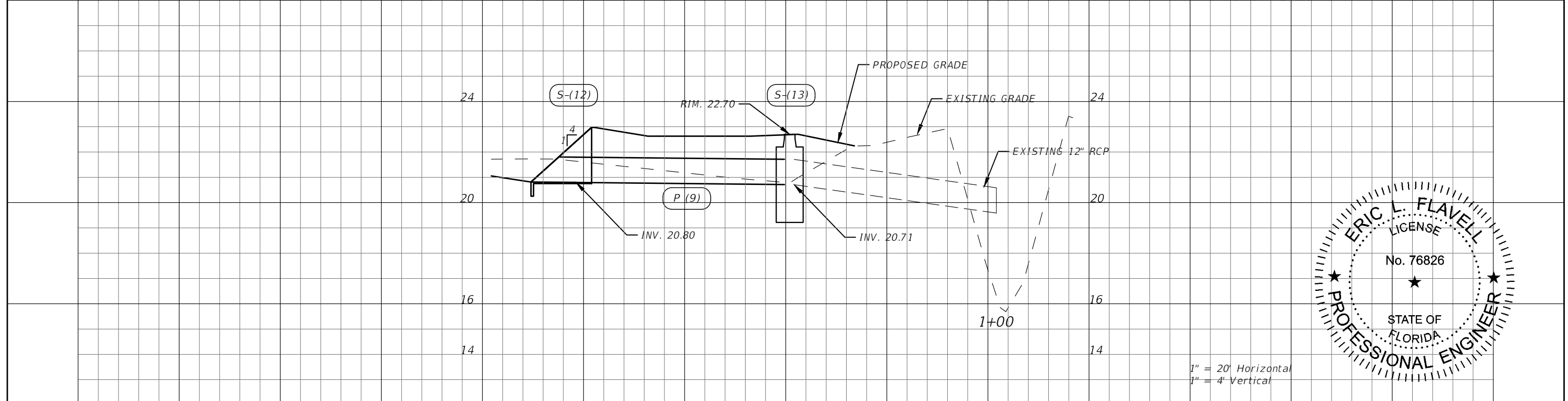
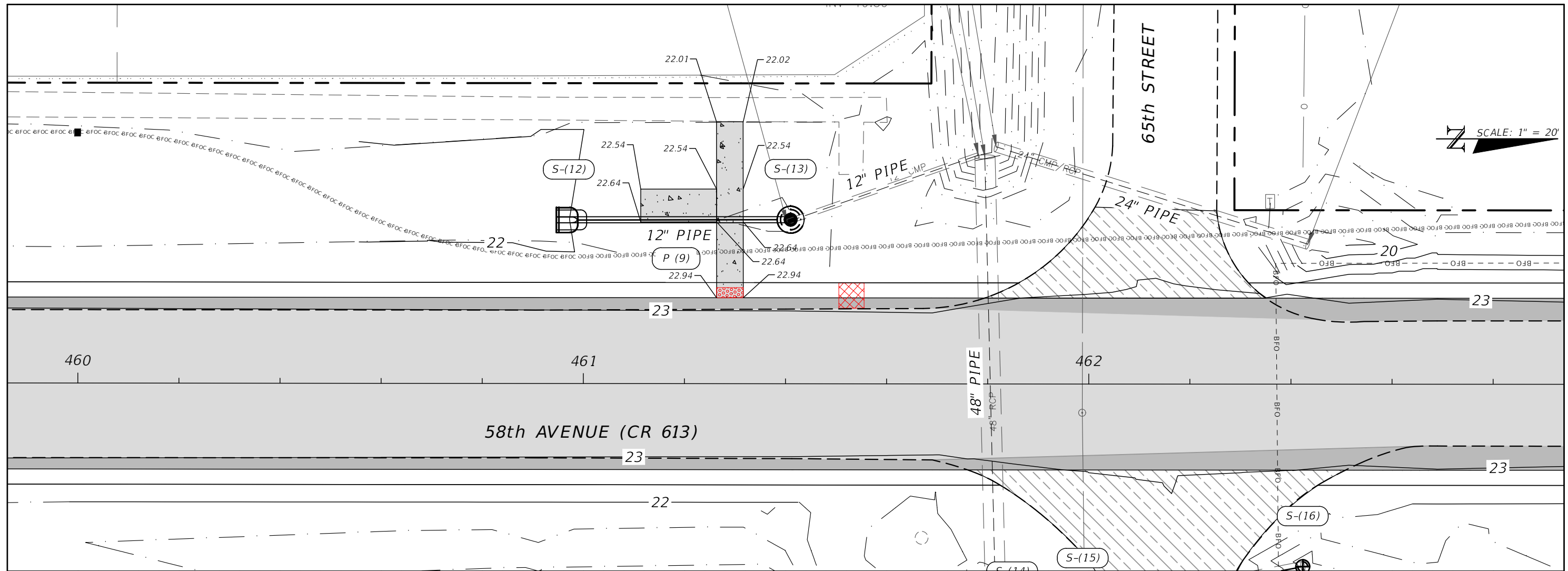
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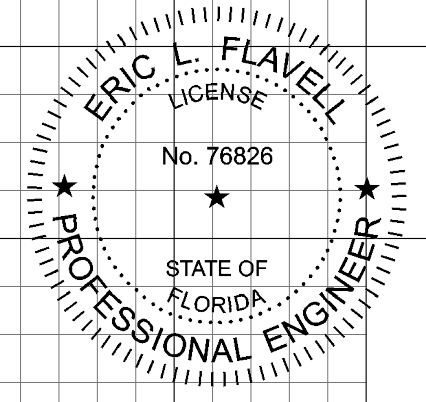
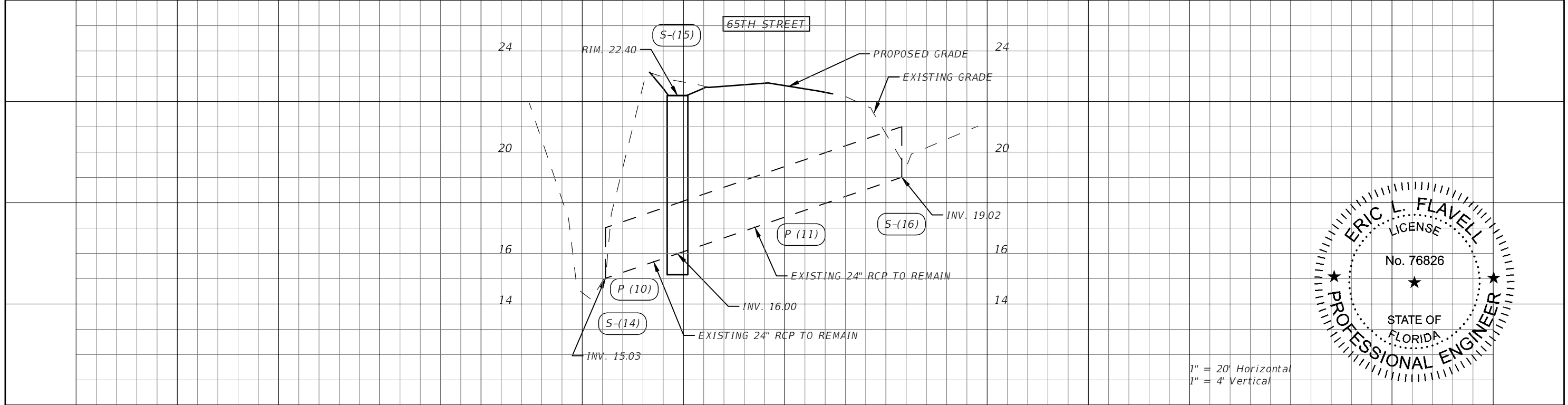
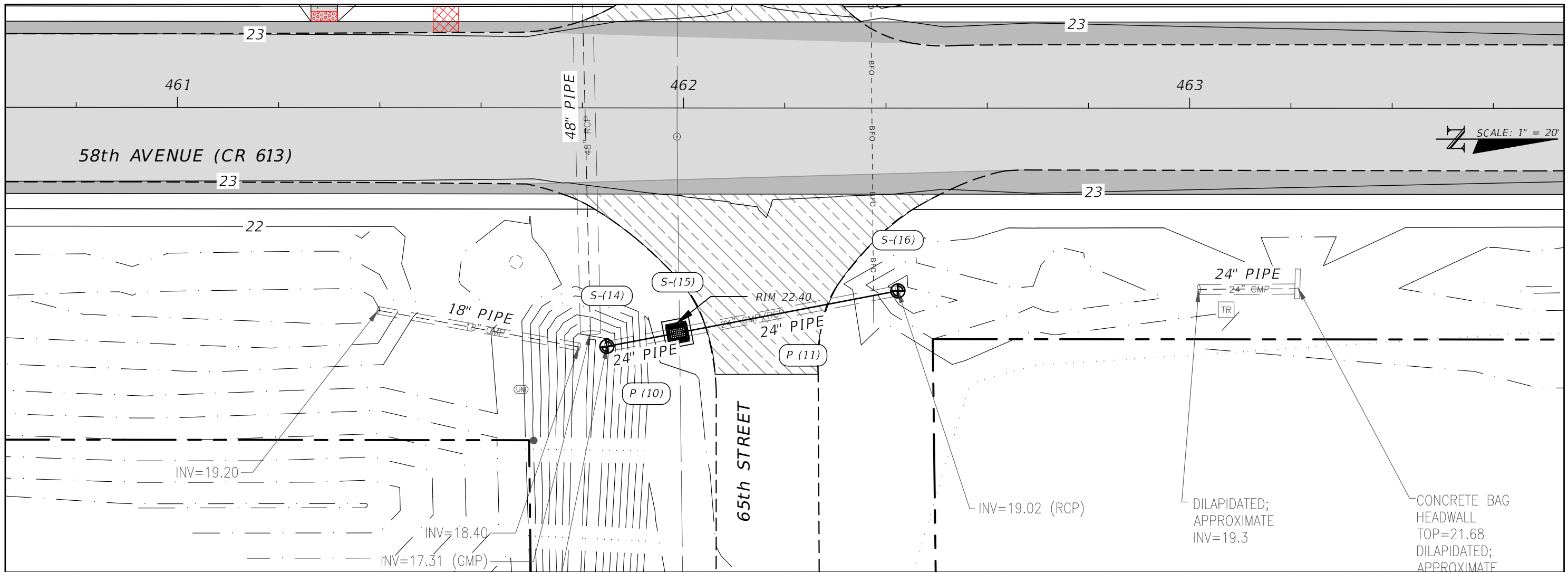


REVISIONS		DESCRIPTION		DATE	DESCRIPTION	SHEET NO.
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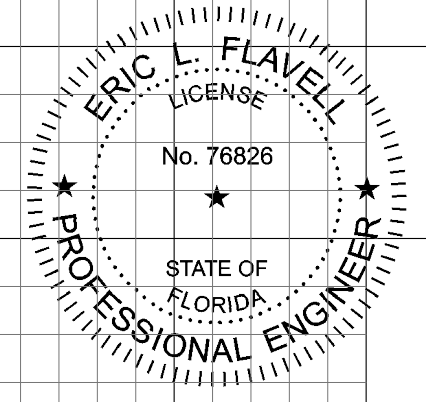
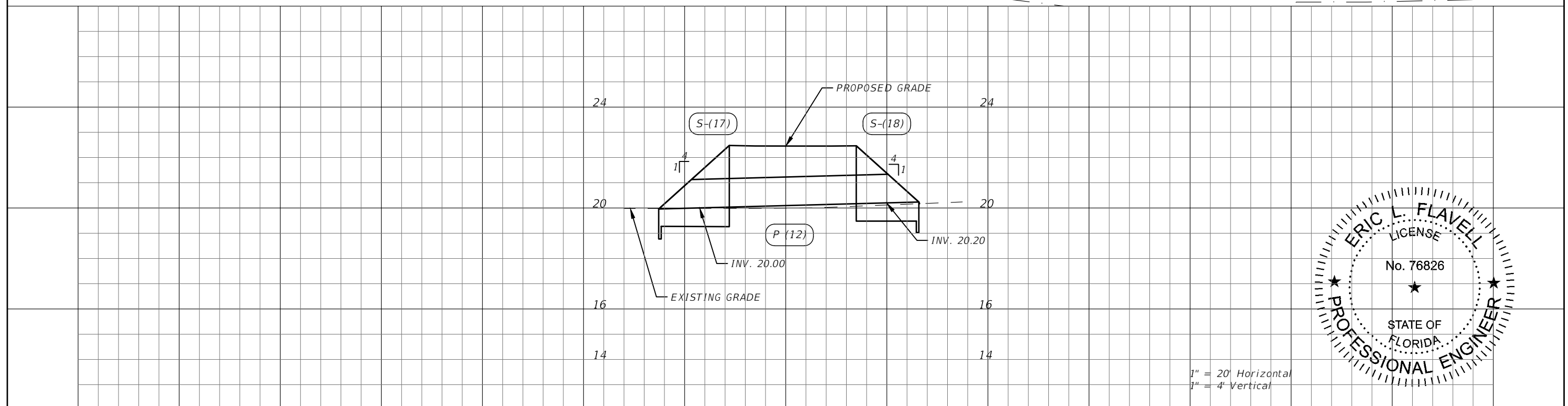
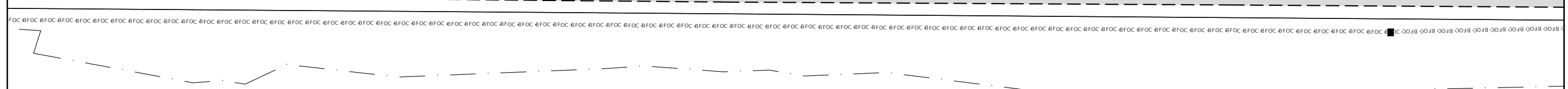
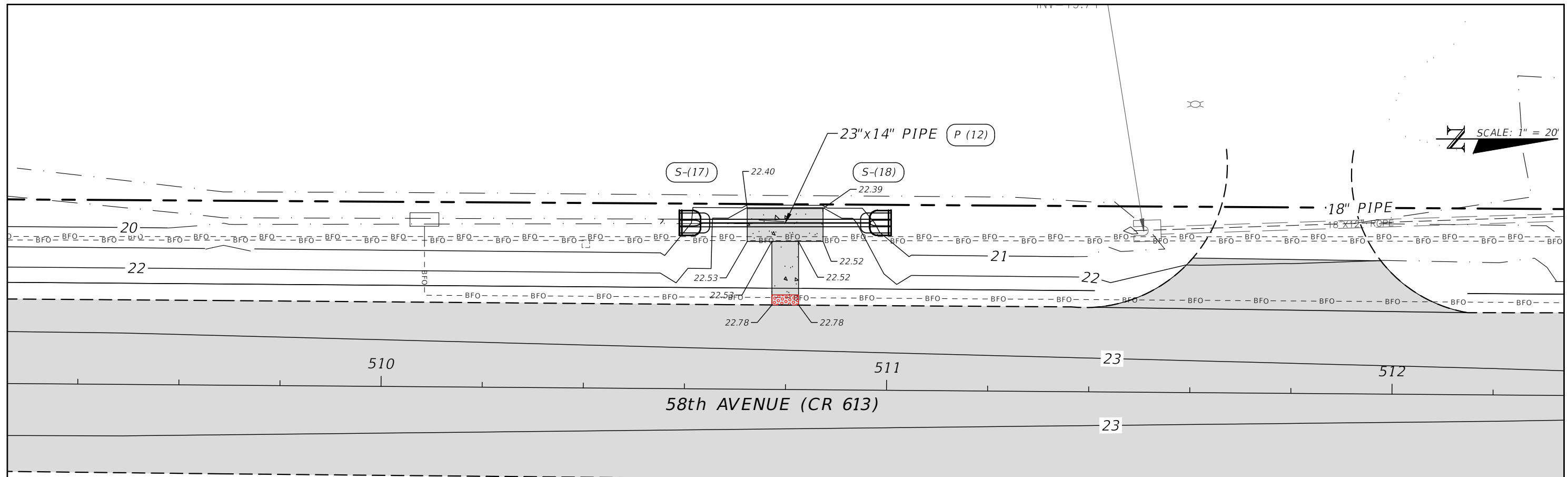
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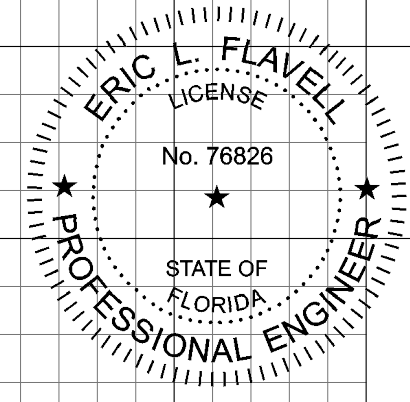
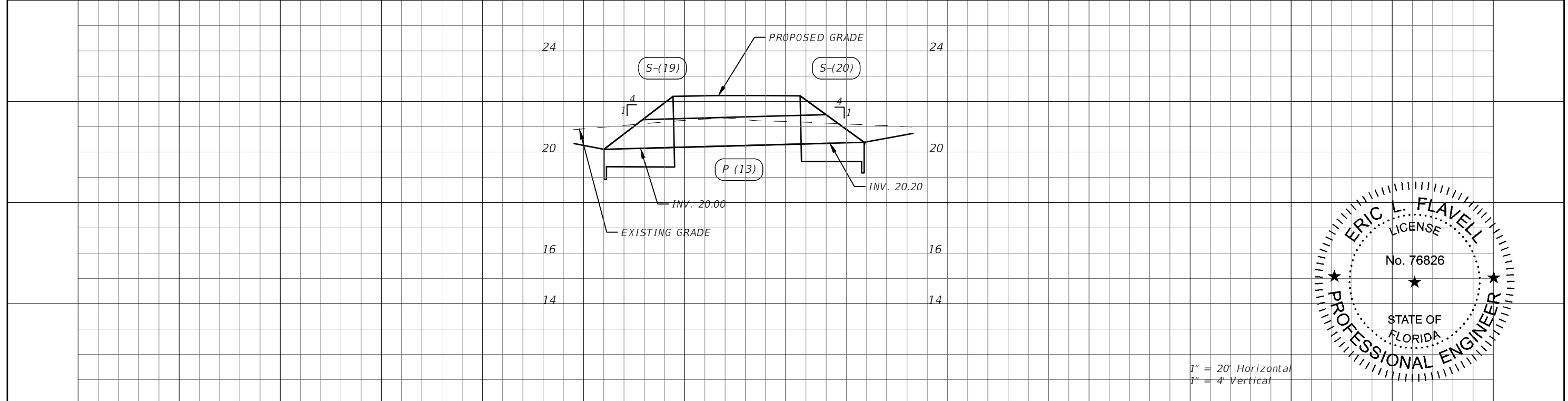
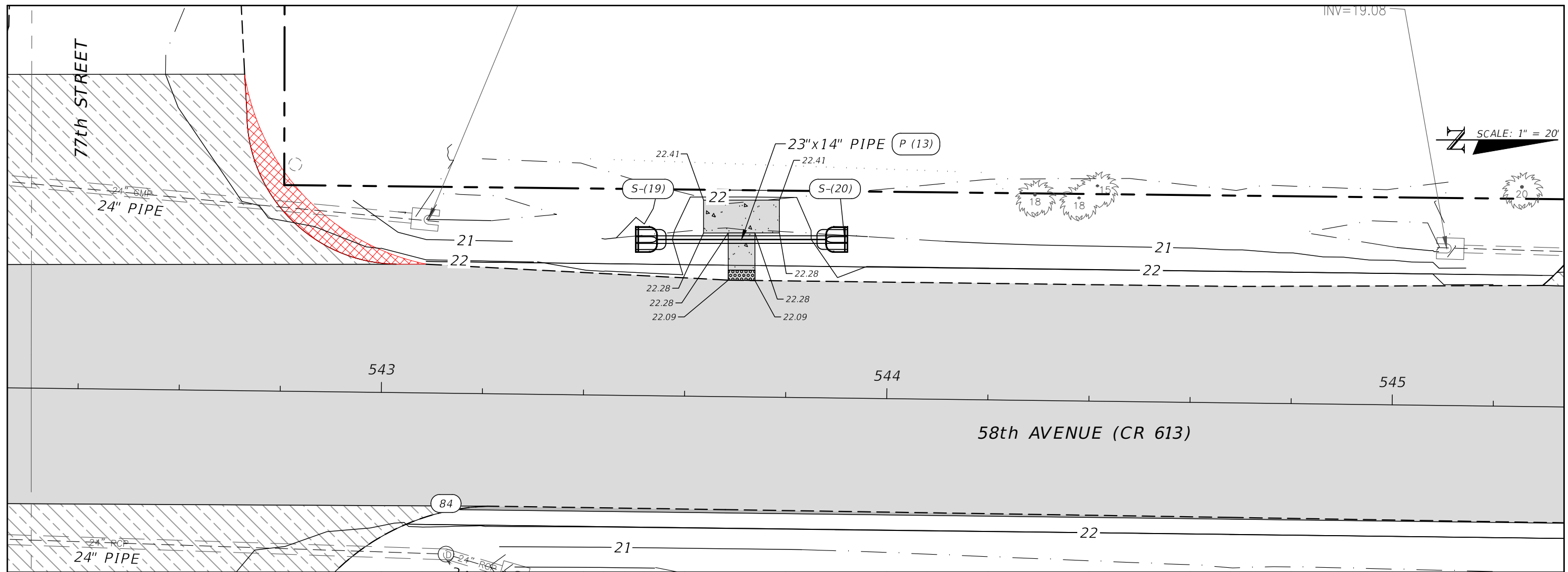


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