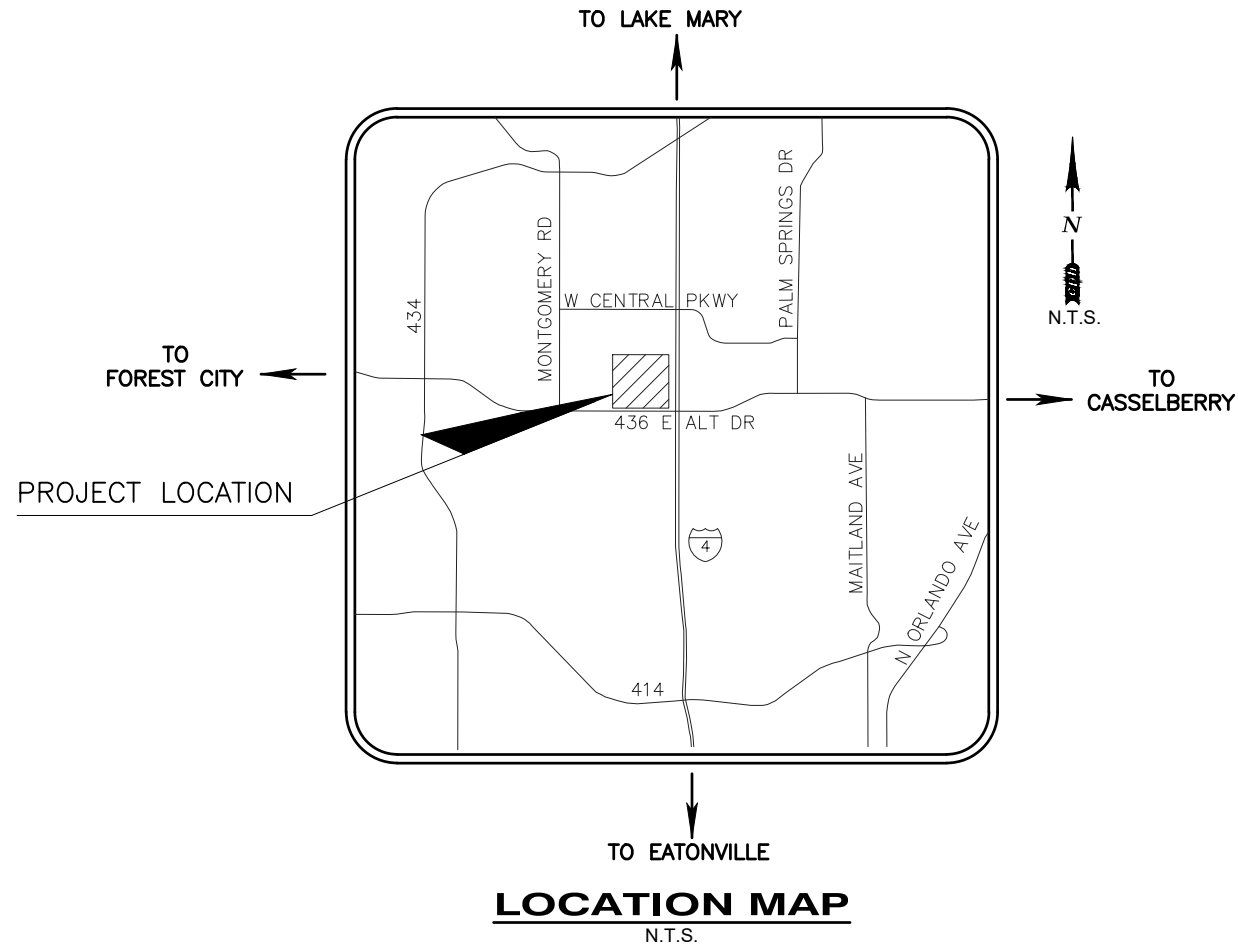


CONSTRUCTION PLANS
FOR
GOLDIE MANOR SIDEWALK PROJECT
SEMINOLE COUNTY, FL
CPH PROJECT No. S0998

INDEX OF SIDEWALK PLANS	
<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	KEY SHEET
2	SUMMARY OF PAY ITEMS
3	TYPICAL SECTIONS
4 to 5	PROJECT LAYOUT
6 to 7	CURVE & LINE TABLE
8	GENERAL NOTES
9 to 34	PLAN & PROFILE
35	DRIVEWAY DETAIL SHEET
36 to 73	CROSS SECTIONS
74 to 75	SWPPP NOTES
76 to 92	SWPPP PLANS
S-1	SIGNING AND PAVEMENT MARKING GENERAL NOTES
S-2 to S-3	TABULATION OF QUANTITIES
S-4 to S-19	SIGNING AND PAVEMENT MARKING PLANS
S-20 to S-21	GUIDESIGN WORKSHEETS
TCP-1	TRAFFIC CONTROL GENERAL NOTES

LIST OF REVISED DRAWINGS			
REV.	DATE	COMP. SET	SHEETS



GOVERNING STANDARD PLANS:

FLORIDA DEPARTMENT OF TRANSPORTATION, FY2020-21 STANDARD PLANS FOR
ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE INTERIM REVISIONS.

STANDARD PLANS FOR ROAD CONSTRUCTION AND ASSOCIATED IRs ARE AVAILABLE AT THE FOLLOWING WEBSITE: <http://www.fdot.gov/design/standardplans>

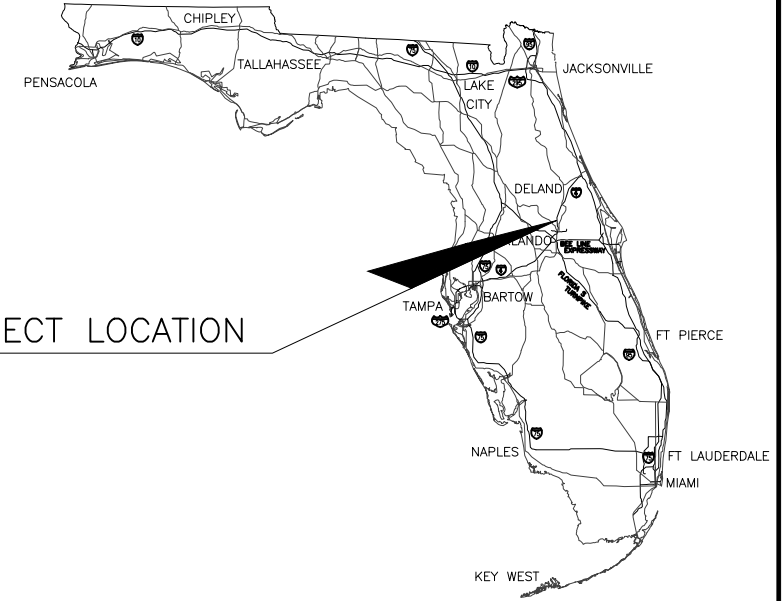
APPLICABLE IRs: NONE

GOVERNING STANDARD SPECIFICATIONS:

FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2020 STANDARD SPECIFICATIONS
FOR ROAD AND BRIDGE CONSTRUCTION AT THE FOLLOWING WEBSITE:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN DEDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH THE LATEST AMERICANS WITH DISABILITIES ACT (A.D.A) STANDARDS FOR ACCESSIBLE DESIGN.



SHOP DRAWINGS (FOR THIS COMPONENT SET)
TO BE SUBMITTED TO:

CPH, INC.
500 W. FULTON STREET
SANFORD, FLORIDA 32771
PHONE 407 322-6841
FAX 407 330-0639

PLANS PREPARED BY:



Engineers (C.O.A. No. 3215)
Architects (Lic. No. AA2600926)
Surveyors (L.B. No. 7143)
Landscape Arch. (Lic. No. LC0000298)
Planners
Environmental Scientists
Construction Management
Traffic/Transportation

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500 W. FULTON STREET, SANFORD, FLORIDA 32771
P. O. BOX 2808, SANFORD, FLORIDA 32772-2808
PHONE 407 322-6841 FAX 407 330-0639

PLANS PREPARED FOR:



SEMINOLE COUNTY
1101 EAST FIRST STREET
SANFORD, FL 32771-1244
PHONE: 407.665.0000

60% PLANS
August 4, 2020

ROADWAY PLANS
ENGINEER OF RECORD:

JOSEPH MICHAEL LOFASO, P.E.
FL P.E. No. 88718



SHEET
NO.

7

SUMMARY OF PAY ITEMS							
GOLDIE MANOR SIDEWALK PROJECT							
ITEM NO.	FDOT PAY ITEM NO.			PAY ITEM DESCRIPTION	UNIT	QUANTITY	
						PLAN	FINAL
1	101	1		MOBILIZATION	LS	1	
2	102	1		MAINTENANCE OF TRAFFIC	LS	1	
3	104	10	3	SEDIMENT BARRIER	LF	979	
4	104	18		INLET PROTECTION SYSTEM	EA	6	
5	110	1	1	CLEARING & GRUBBING	AC	3.35	
6	110	4	10	REMOVAL OF EXISTING CONCRETE	SY	3173	
7	110	7	1	MAILBOX, RELOCATE	EA	90	
8	120	1		REGULAR EXCAVATION	CY	1853	
9	120	6		EMBANKMENT	CY	174	
10	425	1	521	INLETS, DT BOT, TYPE C, <10'	EA	1	
11	522	1		CONCRETE, SIDEWALK AND DRIVEWAYS, 4" THICK	SY	6437	
12	522	2		CONCRETE, SIDEWALK AND DRIVEWAYS, 6" THICK	SY	4809	
13	527	2		DETECTABLE WARNINGS	SF	298	
14	550	10	218	FENCING, TYPE B, 0.0-5.0', RESET EXISTING	LF	118	
15	550	10	228	FENCING, TYPE B, 5.1-6.0, RESET EXISTING	LF	394	
16	550	10	918	FENCING, SPECIAL TYPE, 0.0-5.0', RESET EXISTING	LF	110	
17	550	10	938	FENCING, SPECIAL TYPE, 6.1-7.0', RESET EXISTING	LF	57	
18	570	1	2	PERFORMANCE TURF, SOD	SY	9414	
19	700	1	11	SINGLE POST SIGN, F&I, GM, <12SF	AS	26	
20	700	1	50	SINGLE POST SIGN, RELOCATE	AS	9	
21	700	1	60	SINGLE POST SIGN, REMOVE	AS	3	
22	700	3	501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	2	
23	705	10	4	OBJECT MARKER, TYPE 4	EA	4	
24	711	11	123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	LF	665	
25	711	11	125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	LF	245	

Drawing name: J:\50998\Roadway\Roadway\SUMCRO01.dwg, Jul 31, 2020 - 11:05am amnija

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Drawn by:	PEA	Scale:	AS NOTED
Checked by:	KRL		
Approved by:	JML		
Job No.	S0998		©2020

Goldie Manor Sidewalks
Seminole County

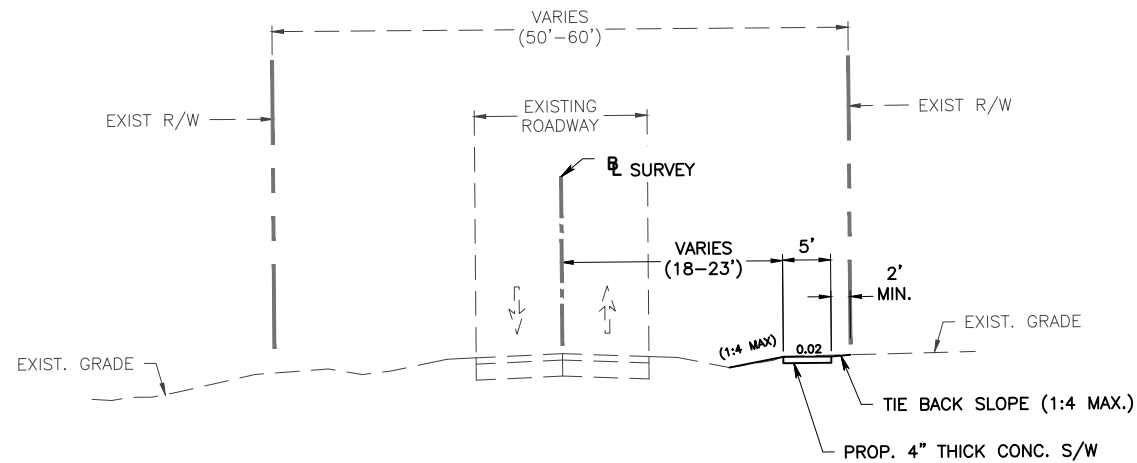
Plans Prepared By:
CPH, Inc.
500 West Fulton St. Sanford, FL 32771
Phone: 407.322.6841
Licenses:
Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926
Survey L.B. No. 7143 Landscp. Lic. No. LC0000298

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FL P.E. No. 88718

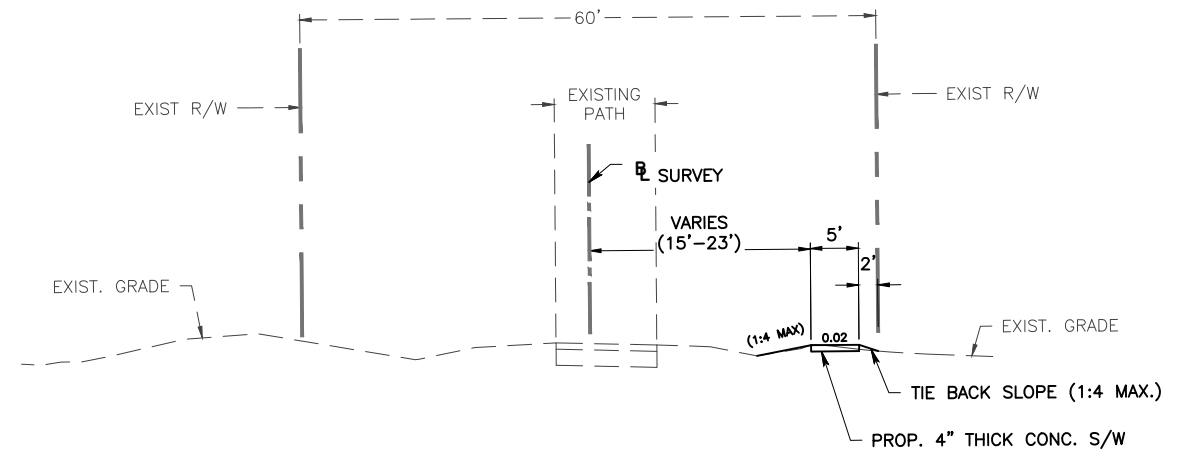
Summary of Pay Items

Sheet No.

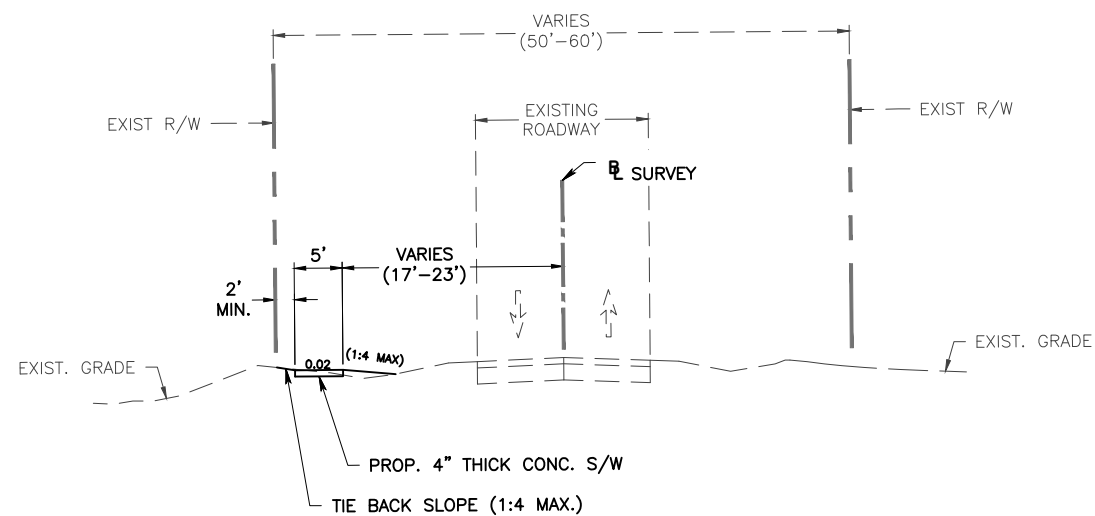
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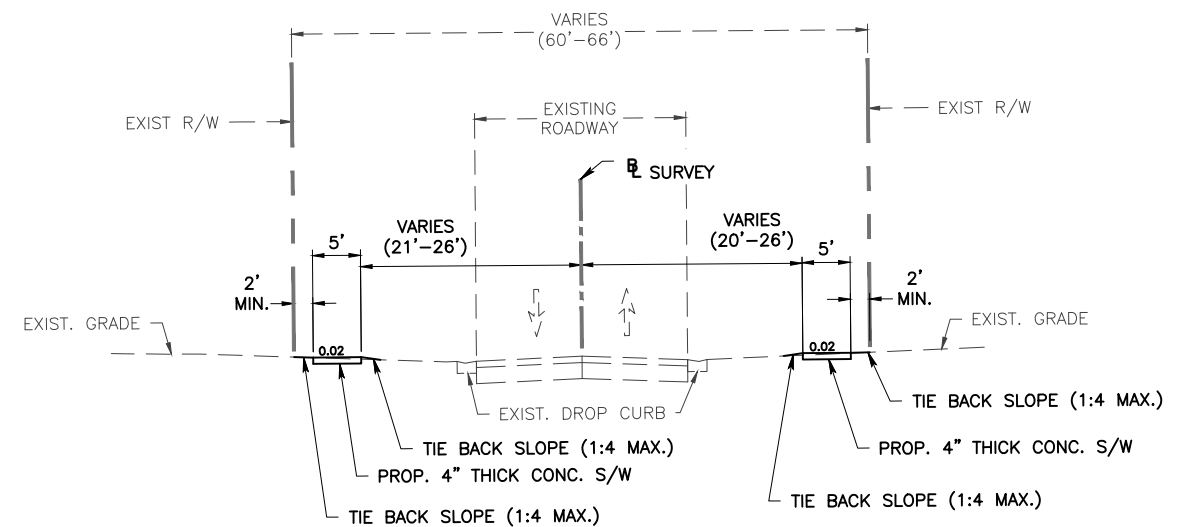
Typical Section No. 1
FRANCES DR. (STA. 12+10.27 to STA. 21+86.87)



Typical Section No. 2
OAK DR. (STA. 120+56.66 to STA. 126+42.11)



Typical Section No. 3
EILEEN AVE. (STA. 32+59.69 to STA. 48+57.41)
GRACE BLVD. (STA. 51+25.69 to STA. 68+62.39)



Typical Section No. 4
JAY DR. (STA. 71+81.47 to STA. 91+71.48)
GERRY DR. (STA. 130+02.23 to STA. 132+82.56)
RONNIE DR. (STA. 100+00 to STA. 116+32.24)
OAK DR. (STA. 150+15.31 to STA. 152+60)

Drawing name: J:\50998\Roadway\Roadway\TYR0001.dwg Jul 31, 2020 - 11:05am amjgla

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 Checked by: KRL
 Approved by: JML
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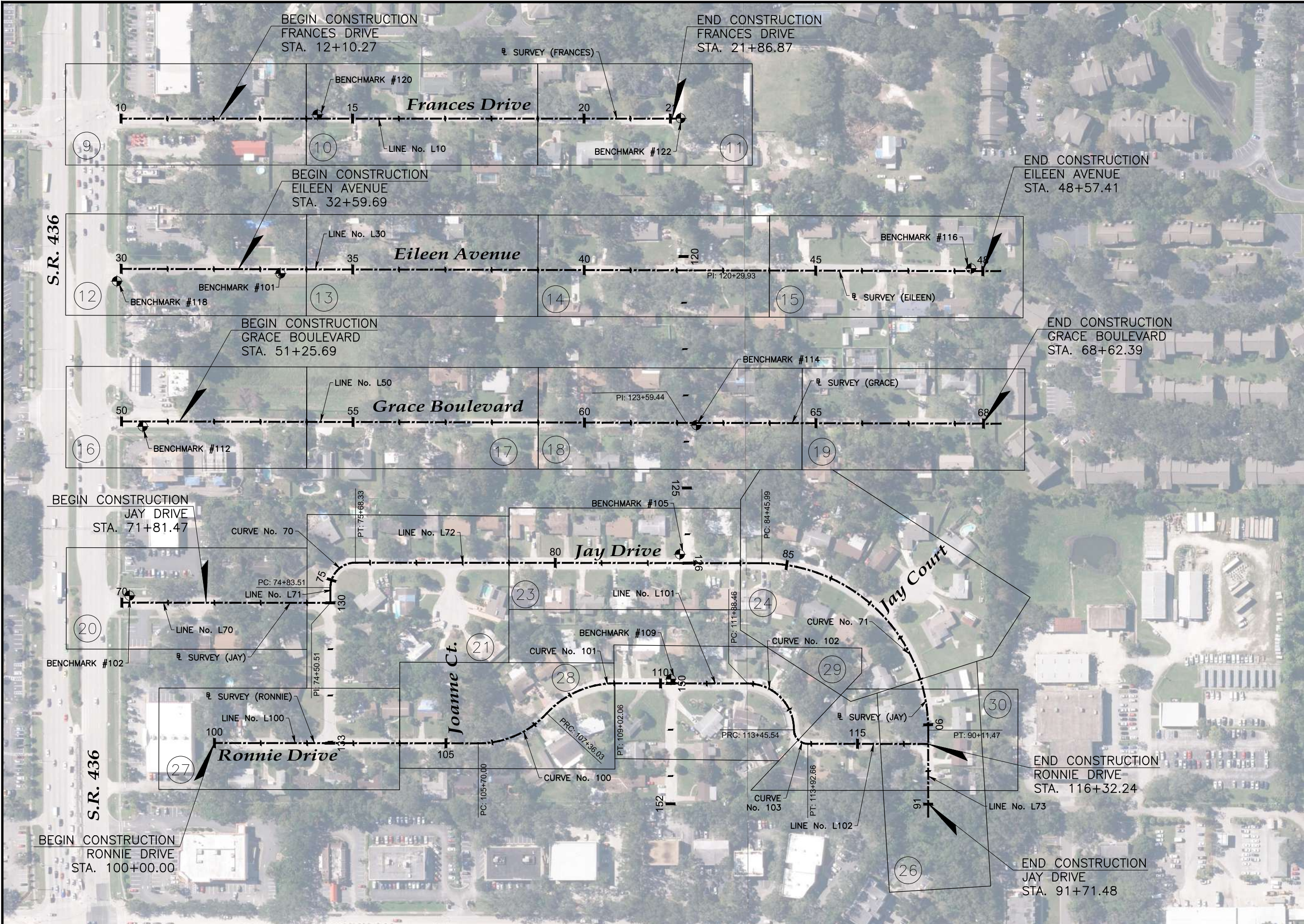
Goldie Manor Sidewalks
Seminole County

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 Survey L.B. No. 7143 Landscp. Lic. No. LC0000298

JOSEPH MICHAEL LOFASO, P.E.
 FL P.E. No. 88718

Typical Sections

Sheet No.
3



TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 80.99 (NAVD '88)
N:1573998.86
E:528536.98

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 77.40 (NAVD '88)
N: 1573668.40
E: 529230.70

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 80.24 (NAVD '88)
N: 1574857.56
E: 529148.99

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 80.91 (NAVD '88)
N: 1574836.51
E: 529418.43

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 76.08 (NAVD '88)
N:1573699.40
E:528865.45

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 79.83 (NAVD '88)
N:1574895.19
E:528870.35

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 79.73 (NAVD '88)
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E: 528535.62

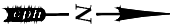
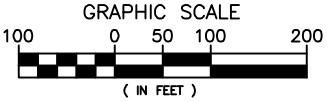
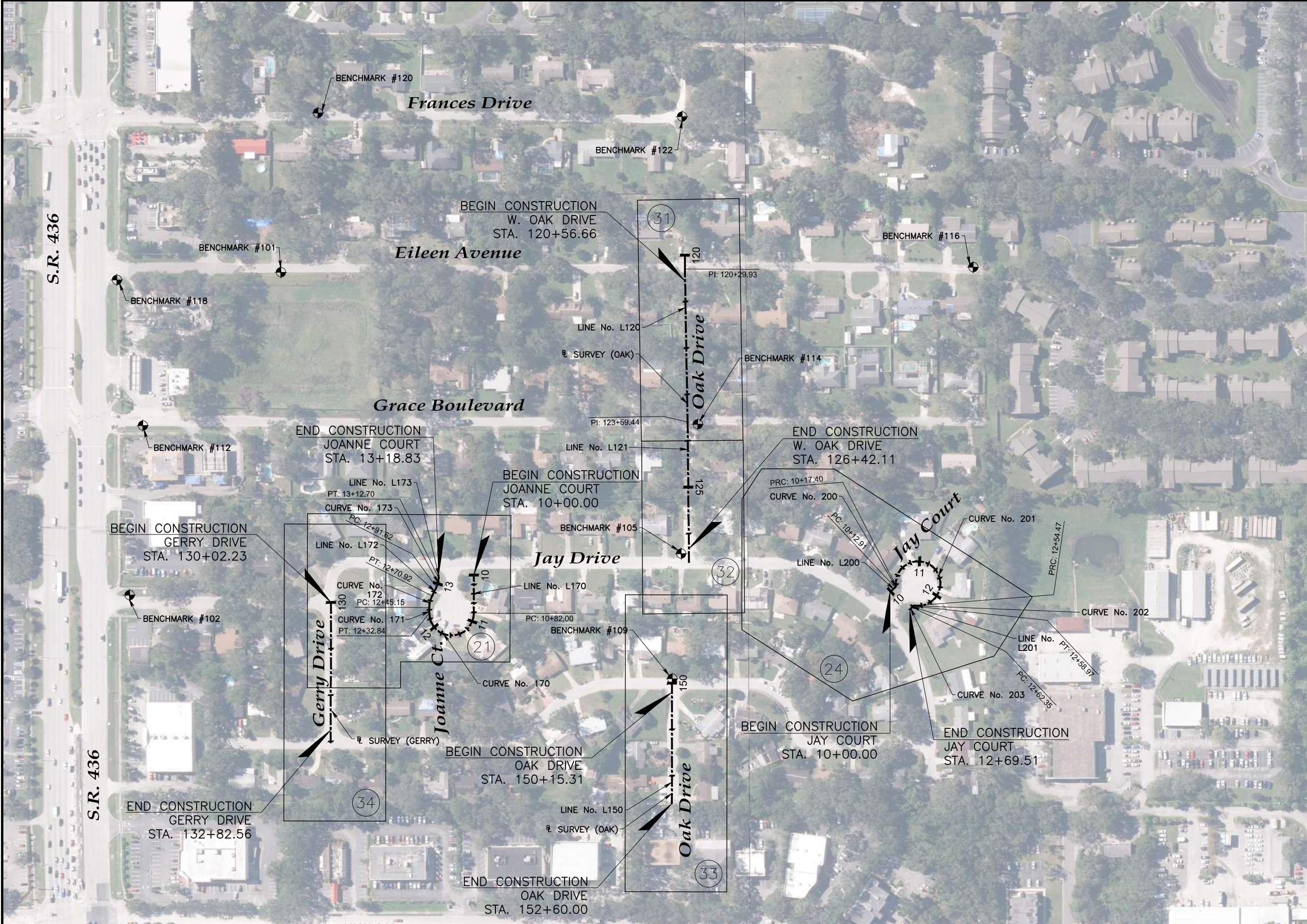
TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 78.37 (NAVD '88)
N: 1573645.49
E: 528551.35

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 80.68 (NAVD '88)
N: 1574080.93
E: 528194.29

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 82.54 (NAVD '88)
N: 1574865.37
E: 528207.28

Sheet No.

4



SITE BENCHMARK #101

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 80.99 (NAVD '88)
N: 1573998.86
E: 528536.98

SITE BENCHMARK #102

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 77.40 (NAVD '88)
N: 1573668.40
E: 529230.70

SITE BENCHMARK #105

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 80.24 (NAVD '88)
N: 1574857.56
E: 529148.99

SITE BENCHMARK #109

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 80.91 (NAVD '88)
N: 1574836.51
E: 529418.43

SITE BENCHMARK #112

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 76.08 (NAVD '88)
N: 1573699.40
E: 528865.45

SITE BENCHMARK #114

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 79.83 (NAVD '88)
N: 1574895.19
E: 528870.35

SITE BENCHMARK #116

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 79.73 (NAVD '88)
N: 1575490.78
E: 528535.62

SITE BENCHMARK #118

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 78.37 (NAVD '88)
N: 1573645.49
E: 528551.35

SITE BENCHMARK #120

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 80.68 (NAVD '88)
N: 1574080.93
E: 528194.29

SITE BENCHMARK #122

TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 82.54 (NAVD '88)
N: 1574865.37
E: 528207.28

No.	Date	Revision	By	No.	Date	Revision	By



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Drawn by: PEA
Checked by: KRL
Approved by: JML
Job No. S0998
Date: 8/04/2020
Scale: AS NOTED
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Seminole County

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JOSEPH MICHAEL LOFASO, P.E.
FL P.E. No. 88718

Project Layout

Sheet No.

5

Drawing name: J:\50566Roadway\Roadway\PLAYR001.dwg Jul 31, 2020 - 11:07am amnjlg

Line Table: Frances Dr.						
Line #	Length	Direction	Start Point	End Point	Start Station	End Station
L10	1200.000	N0° 22' 21.65"E	(528200.1330,1573656.9018)	(528207.9383,1574856.8764)	10+00.00	22+00.00

Line Table: Eileen Ave.						
Line #	Length	Direction	Start Point	End Point	Start Station	End Station
L30	1900.000	N0° 31' 18.88"E	(528524.6586,1573655.1728)	(528541.9655,1575555.0939)	30+00.00	49+00.00

Line Table: Grace Blvd.						
Line #	Length	Direction	Start Point	End Point	Start Station	End Station
L50	1900.000	N0° 31' 10.98"E	(528854.1539,1573653.6691)	(528871.3881,1575553.5909)	50+00.00	69+00.00

Line Table: Oak Dr.						
Line #	Length	Direction	Start Point	End Point	Start Station	End Station
L120	329.518	N89° 21' 05.44"E	(528535.7205,1574869.5420)	(528865.2169,1574873.2715)	120+29.93	123+59.44
L121	302.851	N89° 47' 24.32"E	(528865.2169,1574873.2715)	(529168.0662,1574874.3810)	123+59.44	126+62.30

Line Table: Gerry Dr.						
Line #	Length	Direction	Start Point	End Point	Start Station	End Station
L130	303.003	S89° 33' 11.19"E	(529249.0393,1574102.2265)	(529552.0332,1574099.8632)	130+00.00	133+03.00

Line Table: Oak Dr.						
Line #	Length	Direction	Start Point	End Point	Start Station	End Station
L150	260.000	S89° 33' 11.19"E	(529427.7766,1574836.1242)	(529687.7687,1574834.0963)	150+00.00	152+60.00

Line Table: Jay Dr.						
Line #	Length	Direction	Start Point	End Point	Start Station	End Station
L70	450.506	N0° 26' 42.84"E	(529245.5386,1573651.7346)	(529249.0393,1574102.2265)	70+00.00	74+50.51
L71	33.000	N89° 33' 11.19"W	(529249.0393,1574102.2265)	(529216.0403,1574102.4839)	74+50.51	74+83.51
L72	877.659	N0° 26' 50.63"E	(529162.4632,1574156.9034)	(529169.3163,1575034.5361)	75+68.33	84+45.99
L73	188.525	S89° 33' 24.08"E	(529532.1132,1575391.7173)	(529720.6330,1575390.2586)	90+11.47	92+00.00

Curve Table: Jay Dr.												
CURVE No.	PC STA.	PI STA.	PT STA.	Δ	D	T	L	R	DESIGN SPEED	PC NORTH — EAST	PI NORTH — EAST	PT NORTH — EAST
CURVE NO. 70	74+83.51	75+37.51	75+68.33	90°00'00"	106°06'12"	54.00'	84.82'	54.00'	N/A	1574102.4839 — 529216.0403	1574102.9051 — 529162.0420	1574156.9034 — 529162.4632
CURVE NO. 71	84+45.99	88+05.99	90+11.47	90°00'00"	15°54'56"	360.00'	565.49'	360.00'	N/A	1575034.5361 — 529169.3163	1575394.5251 — 529172.1242	1575391.7173 — 529532.1132

Line Table: Ronnie Dr.						
Line #	Length	Direction	Start Point	End Point	Start Station	End Station
L100	570.002	N0° 26' 51.39"E	(529550.0802,1573849.8708)	(529554.5332,1574419.8554)	100+00.00	105+70.00
L101	286.400	N0° 26' 48.81"E	(529426.8407,1574716.1278)	(529429.0745,1575002.5191)	109+02.06	111+88.46
L102	259.992	N0° 26' 48.47"E	(529560.0849,1575131.5011)	(529562.1123,1575391.4852)	113+92.66	116+52.65

Curve Table: Ronnie Dr.												
CURVE No.	PC STA.	PI STA.	PT STA.	Δ	D	T	L	R	DESIGN SPEED	PC NORTH — EAST	PI NORTH — EAST	PT NORTH — EAST
CURVE NO. 100	105+70.00	106+58.13	107+36.03	47°31'32"	28°37'30"	88.13'	166.03'	200.16'	N/A	1574419.8554 — 529554.5332	1574507.9785 — 529555.2205	1574567.9916 — 529490.6869
CURVE NO. 101	107+36.03	108+24.16	109+02.06	47°31'32"	28°37'30"	88.13'	166.03'	200.16'	N/A	1574567.9916 — 529490.6869	1574628.0047 — 529426.1533	1574716.1278 — 529426.8407
CURVE NO. 102	111+88.46	112+88.46	113+45.54	90°00'01"	57°17'45"	100.00'	157.08'	100.00'	N/A	1575002.5191 — 529429.0745	1575102.5164 — 529429.8545	1575101.7361 — 529529.8518
CURVE NO. 103	113+45.54	113+75.54	113+92.66	90°00'00"	190°59'09"	30.00'	47.12'	30.00'	N/A	1575101.7361 — 529529.8518	1575101.5020 — 529559.8508	1575131.5011 — 529560.0849

No.	Date	Revision	By	No.	Date	Revision	By
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Designed by:	JML	Date:	7/31/2020
Drawn by:	PEA	Scale:	AS NOTED
Checked by:	KRL		
Approved by:	JML		
Job No.	S0998		©2020

Goldie Manor Sidewalks
Seminole County

Plans Prepared By: CPH, Inc.	
500 West Fulton St. Sanford, FL 32771 Phone: 407.322.6841 Licenses:	
Eng. C.O.A. No. 3215 Survey L.B. No. 7143	Arch. Lic. No. AA2600926 Landscape Lic. No. LC0000298

JOSEPH MICHAEL LOFASO, P.E. FL P.E. No. 88718
--

Curve and Line Table

Drawing name: J:\50998\Roadway\Roadway\PLAYRD01.dwg Jul 31, 2020 - 11:07am amnjlg

Line Table: Joanne Ct.						
Line #	Length	Direction	Start Point	End Point	Start Station	End Station
L170	82.001	S89° 33' 44.09"E	(529192.4511,1574410.6764)	(529274.4494,1574410.0499)	10+00.00	10+82.00
L171	12.309	N89° 33' 42.63"W	(529273.6997,1574314.0528)	(529261.3906,1574314.1469)	12+32.84	12+45.15
L172	20.704	N62° 43' 02.58"W	(529236.6003,1574320.2637)	(529218.1994,1574329.7541)	12+70.92	12+91.62
L173	6.131	N89° 33' 11.19"W	(529197.9233,1574334.7587)	(529191.7923,1574334.8065)	13+12.70	13+18.83

Curve Table: Joanne Ct.												
CURVE No.	PC STA.	PI STA.	PT STA.	Δ	D	T	L	R	DESIGN SPEED	PC NORTH — EAST	PI NORTH — EAST	PT NORTH — EAST
CURVE NO. 170	10+82.00	−1063+72.32	12+32.84	180°03'04"	119°21'58"	107454.32'	150.84'	48.00'	N/A	1574410.0499 — 529274.4494	1575201.1759 — 421823.0451	1574314.0528 — 529273.6997
CURVE NO. 171	12+45.15	12+58.27	12+70.92	26°50'40"	104°10'27"	13.13'	25.77'	55.00'	N/A	1574314.1469 — 529261.3906	1574314.2473 — 529248.2656	1574320.2637 — 529236.6003
CURVE NO. 172	12+91.62	13+02.36	13+12.70	26°50'09"	127°19'26"	10.74'	21.08'	45.00'	N/A	1574329.7541 — 529218.1994	1574334.6749 — 529208.6583	1574334.7587 — 529197.9233

Line Table: Jay Ct.						
Line #	Length	Direction	Start Point	End Point	Start Station	End Station
L200	12.913	N42° 55' 59.50"W	(529233.3265,1575308.8031)	(529224.5311,1575318.2571)	10+00.00	10+12.91
L201	3.379	S42° 56' 00.40"E	(529265.5629,1575356.3674)	(529267.8641,1575353.8939)	12+58.97	12+62.35

Curve Table: Jay Ct.												
CURVE No.	PC STA.	PI STA.	PT STA.	Δ	D	T	L	R	DESIGN SPEED	PC NORTH — EAST	PI NORTH — EAST	PT NORTH — EAST
CURVE NO. 200	10+12.91	10+15.32	10+17.40	51°27'02"	1145°54'56"	2.41'	4.49'	5.00'	N/A	1575318.2571 — 529224.5311	1575320.0208 — 529222.8902	1575319.8367 — 529220.4882
CURVE NO. 201	10+17.40	9+79.21	12+54.47	282°58'53"	119°21'58"	38.19'	237.07'	48.00'	N/A	1575319.8367 — 529220.4882	1575322.7562 — 529258.5701	1575360.5206 — 529264.2798
CURVE NO. 202	12+54.47	12+56.89	12+58.97	51°31'51"	1145°54'56"	2.41'	4.50'	5.00'	N/A	1575360.5206 — 529264.2798	1575358.1344 — 529263.9190	1575356.3674 — 529265.5629
CURVE NO. 203	12+62.35	12+65.94	12+69.51	13°40'19"	190°59'09"	3.60'	7.16'	30.00'	N/A	1575353.8939 — 529267.8641	1575351.2608 — 529270.3138	1575349.2814 — 529273.3164

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Approved by:	JML		
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Goldie Manor Sidewalks
Seminole County

Plans Prepared By:	
CPH, Inc.	
500 West Fulton St. Sanford, FL 32771	
Phone: 407.322.8841	
Licenses:	
Eng. C.O.A. No. 3215	Arch. Lic. No. AA2600926
Survey L.B. No. 7143	Landscape Lic. No. LC0000298

JOSEPH MICHAEL LOFASO, P.E.
FL P.E. No. 88718

Curve and Line Table

Sheet No.

7

GENERAL NOTES

1. THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE SURVEY IDENTIFIED AS TOPOGRAPHIC SURVEY FOR SEMINOLE COUNTY FOR GOLDIE MANOR SIDEWALKS PERFORMED BY THOMAS GALLOWAY, PROFESSIONAL SURVEYOR & MAPPER, DATED JANUARY, 13TH 2020. IN THE CASE OF ANY APPARENT DISCREPANCIES BETWEEN THE SURVEY DATA, AS INCLUDED WITHIN THESE PLANS, AND THAT OF THE SPECIFIED SURVEY; THE FOREMENTIONED SIGNED & SEALED SURVEY IDENTIFIED SHALL SUPERSEDE. ANY APPARENT DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE MAINTAINING AGENCY AND ENGINEER OF RECORD (FOR THESE PLANNED IMPROVEMENTS) IMMEDIATELY UPON IDENTIFICATION SUCH THAT CORRECTIVE ACTION OR CLARIFICATION OF INTENT MAY BE PROVIDED PRIOR TO THE COMMENCEMENT/CONTINUATION OF CONSTRUCTION FOR ANY POTENTIALLY AFFECTED IMPROVEMENT.
2. ALL GRADES ARE FINISHED GRADES.
3. ALL STATIONING AND OFFSETS ARE FROM, AND PERPENDICULAR OR RADIAL TO THE BASELINE OF SURVEY OF EACH STREET.
4. FOR STABILIZING AT INTERSECTIONS, TURNOUTS AND GRADED CONNECTIONS, SEE F.D.O.T. STANDARD PLANS NO's. 330-001 AND 522-003.
5. ALL TREES WITHIN LIMITS OF CONSTRUCTION SHALL REMAIN UNLESS OTHERWISE NOTED.
6. ALL AREAS OUTSIDE THE LIMITS OF CONSTRUCTION WHICH ARE DISTURBED SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE.
7. ALL PUBLIC AND PRIVATE PROPERTY AFFECTED BY THE CONSTRUCTION WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE PRE-CONSTRUCTION CONDITION. SEE NOTE NO. 18 FOR ADDITIONAL INFORMATION ON PRE-CONSTRUCTION VIDEO REQUIREMENTS.
8. ANY MAILBOX WITHIN THE LIMITS OF CONSTRUCTION SHALL BE TAKEN DOWN AND RESET IN ACCORDANCE WITH U.S. POSTAL SERVICE REQUIREMENTS.
9. EXISTING DRAINAGE STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION SHALL REMAIN UNLESS OTHERWISE NOTED.
10. ANY DRAINAGE PROBLEMS EXISTING BEFORE CONSTRUCTION COMMENCES SHALL BE BROUGHT TO THE ATTENTION OF SEMINOLE COUNTY.
11. THE EROSION CONTROL MEASURES PER "STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL" ARE THE MINIMUM REQUIRED. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO FIELD CONDITIONS AS DETERMINED BY THE COUNTY'S AUTHORIZED REPRESENTATIVE AND THE REGULATORY AGENCIES.
12. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN ADEQUATE TRAFFIC CONTROL AND PROVIDE ACCESS FOR LOCAL RESIDENTS TO THEIR HOMES OR BUSINESSES DURING CONSTRUCTION. DURING CONSTRUCTION, TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) AND THE F.D.O.T. STANDARD PLANS 102-600 SERIES (FY 2019-20).
13. ANY HORIZONTAL/VERTICAL CONTROL MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONSTRUCTION MANAGER SHALL NOTIFY THE COUNTY SURVEYOR / ENGINEERING DEPARTMENT AS WELL AS THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, BUREAU OF SURVEY AND MAPPING, 3900 COMMONWEALTH BOULEVARD, M.S. 100, TALLAHASSEE, FLORIDA 32399. TELEPHONE (850) 245-2555.
14. ANY PUBLIC LAND CORNER, GPS, F.D.O.T., OR SEMINOLE COUNTY MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER OR MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR'S CONSTRUCTION MANAGER SHALL NOTIFY PROPER JURISDICTION(S) IN RESPONSIBLE OVERSIGHT OF THE IMPACTED MONUMENTATION WITHOUT DELAY BY TELEPHONE.
15. ALL SURVEY CORNERS INDICATED ON THE PLANS SHALL BE REFERENCED BY A STATE OF FLORIDA PROFESSIONAL SURVEYOR AND MAPPER PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY MONUMENTATION DESTROYED OR OBLITERATED BY CONSTRUCTION SHALL BE RESET AND SO CERTIFIED BY SAID SURVEYOR AS TO BEING AN ACCURATE PERPETATION OF THE DEPICTED CONTROL MONUMENTATION PRIOR TO THE COMPLETION OF THE PROJECT.
16. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND OWNERS OF SAID UTILITIES NOTIFIED PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CALL BEFORE DIGGING SUNSHINE STATE ONE CALL OF FLORIDA AT (800) 432-4770 AS REQUIRED BY CHAPTER 556 OF THE FLORIDA STATUTES
17. ALL STAKING OF PROPOSED CONSTRUCTION TO ALLOW FOR PROPER INSTALLATION / RELOCATION OF UTILITY FACILITIES, SHALL BE PERFORMED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE IMPACTED UTILITIES AND STAKE THE ITEMS REQUESTED. THE STAKING SHALL BE SEPARATE AND IN ADDITION TO THE NORMAL STAKING FOR THE PROJECT. THE COST OF THIS STAKING SHALL BE INCIDENTAL TO AND INCLUDED IN THE COST OF THE PROJECT.

18. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL MAKE A PRE-CONSTRUCTION VIDEO (DVD FORMAT) ALONG THE PROPOSED ROUTE IN ACCORDANCE WITH THE SPECIFICATIONS. IN PARTICULAR, THE VIDEO SHALL DOCUMENT THE CONDITION OF EXISTING VISIBLE CONTROL MONUMENTATION, DRIVEWAYS, BUILDINGS, STRUCTURES, MAILBOXES, SIGNS, FENCES, AND LANDSCAPING ALONG PROPOSED CONSTRUCTION AREAS.
19. THE CONTRACTOR SHALL NOTIFY SEMINOLE COUNTY A MINIMUM OF ONE (1) WEEK PRIOR TO COMMENCING ANY CONSTRUCTION RELATED ACTIVITY.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR LITTER REMOVAL (TRASH, TREE LIMBS, BRUSH PILES, AND OTHER MAN MADE DEBRIS) ALONG ENTIRE RIGHT-OF-WAY, TO PROVIDE A LITTER FREE CORRIDOR AT COMPLETION OF CONSTRUCTION. ANY LAND THAT IS CLEARED AND GRUBBED AND NOT REPLACED WITH SIDEWALK SHALL BE SODDED.
21. THE MAXIMUM ALLOWABLE LONGITUDINAL GRADE ON THE SIDEWALK IS FIVE PERCENT (5%). THE MAXIMUM ALLOWABLE CROSS-SLOPE ON THE SIDEWALK IS TWO PERCENT (2%). ALL GRADES AND CROSS SLOPES SHALL COMPLY WITH THE LATEST AMERICANS WITH DISABILITIES ACT (A.D.A.) STANDARDS FOR ACCESSIBLE DESIGN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY IN THE CASE THAT A.D.A. REQUIREMENTS MAY NOT BE MET, AS DESIGNED, SO THAT CORRECTIVE ACTION MAY BE PROVIDED PRIOR TO CONSTRUCTION.
22. IT SHALL BE THE CONTRACTORS COST AND WORK RESPONSIBILITY TO PROTECT THE PAVEMENT SURFACE AND REPAIR ALL SURFACE IRREGULARITIES. NO EDGE PATCHES, POTHOLE AND GOUGE PATCHES OR PARTIAL SURFACE WIDTH PATCHES SHALL BE PERMITTED IN THE FINISHED ASPHALT OR CONCRETE SURFACE OF THE SIDEWALK AND ITS AMENITIES, OR ADJACENT ROADWAY. ALL PATCHING OF THE FINISHED SURFACE SHALL BE FULL WIDTH OF THE SURFACE BEING REPAIRED AND EXTEND AT A MINIMUM OF ONE FOOT (1') IN LENGTH BEYOND THE IRREGULARITY EDGES. THE COST FOR ALL WORK AND MATERIALS NECESSARY TO REPAIR THE ROADWAY OR SIDEWALK SURFACE TO ITS REQUIRED SURFACE PROFILE SHALL BE INCIDENTAL TO THE OTHER CONTRACT PAY ITEM BID COSTS WITH NO ADDITIONAL CHARGE TO THE CITY.
23. UPON COMPLETION OF THE CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT DRAFT "AS-BUILTS" FOR REVIEW TO THE COUNTY AND REQUEST A PRE-FINAL INSPECTION. THE INTENT OF THE PRE-FINAL INSPECTION IS TO PROVIDE THE CONTRACTOR WITH A PUNCH LIST OF INCOMPLETE OR SUBSTANDARD WORK THAT MUST BE CORRECTED. ONCE CORRECTIONS ARE MADE THE CONTRACTOR SHALL SCHEDULE A FINAL INSPECTION.
24. EXISTING IRRIGATION LINES/SYSTEMS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE ADJUSTED AS NECESSARY TO RELOCATE OUTSIDE OF THE PROPOSED SIDEWALK, THE COST OF WHICH SHALL BE INCIDENTAL TO THE PAYMENT OF ASSOCIATED CONSTRUCTION ACTIVITY.
25. ALL EXISTING VALVES, PULL BOXES, & MANHOLE TOPS SHALL BE MARKED PRIOR TO CONSTRUCTION OPERATIONS. ALL SUCH TOPS SHALL BE ADJUSTED TO MATCH PROPOSED GRADE.
26. UTILITIES TO BE ADJUSTED BY UTILITY OWNERS. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES WHEN ADJUSTMENTS ARE REQUIRED.
27. CONTRACTOR SHALL REMOVE ALL TREE LIMBS THAT HANG OVER SIDEWALK TO ENSURE A MINIMUM VERTICAL CLEARANCE OF 10 FT. FROM THE LOWEST TREE LIMB TO THE TOP OF THE SIDEWALK.

SIGNING & PAVEMENT MARKING GENERAL NOTES

1. ALL SIGNS AND PAVEMENT MARKINGS ARE TO BE PLACED IN ACCORDANCE WITH THE F.H.W.A. "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", THE F.H.W.A. "MANUAL ON STANDARD HIGHWAY SIGNS", AND THE F.D.O.T. "STANDARD PLANS", FY 2019-20.
2. ALL SIGNS TO BE REMOVED ARE THE PROPERTY OF SEMINOLE COUNTY.
3. ALL SIGNS INCLUDING STOP SIGNS ON SIDE STREETS SHALL BE UNOBSTRUCTED.
4. ALL EXISTING PAVEMENT MARKINGS OUTSIDE THE LIMITS OF CONSTRUCTION, THAT ARE ALTERED OR DAMAGED BY CONSTRUCTION ACTIVITIES, AS DETERMINED BY SEMINOLE COUNTY, SHALL BE REPLACED UPON COMPLETION OF THE PROJECT AT THE CONTRACTOR'S EXPENSE.
5. ALL PROPOSED STRIPING SHALL BE THERMOPLASTIC.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COVER ALL EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS. IF SIGNS ARE DAMAGED BY THE CONTRACTOR, THE SIGNS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
7. CAUTION SHALL BE EXERCISED WHILE RELOCATING EXISTING SIGNS TO PREVENT UNNECESSARY DAMAGE TO SIGNS. IF SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY SEMINOLE COUNTY , SIGNS SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.

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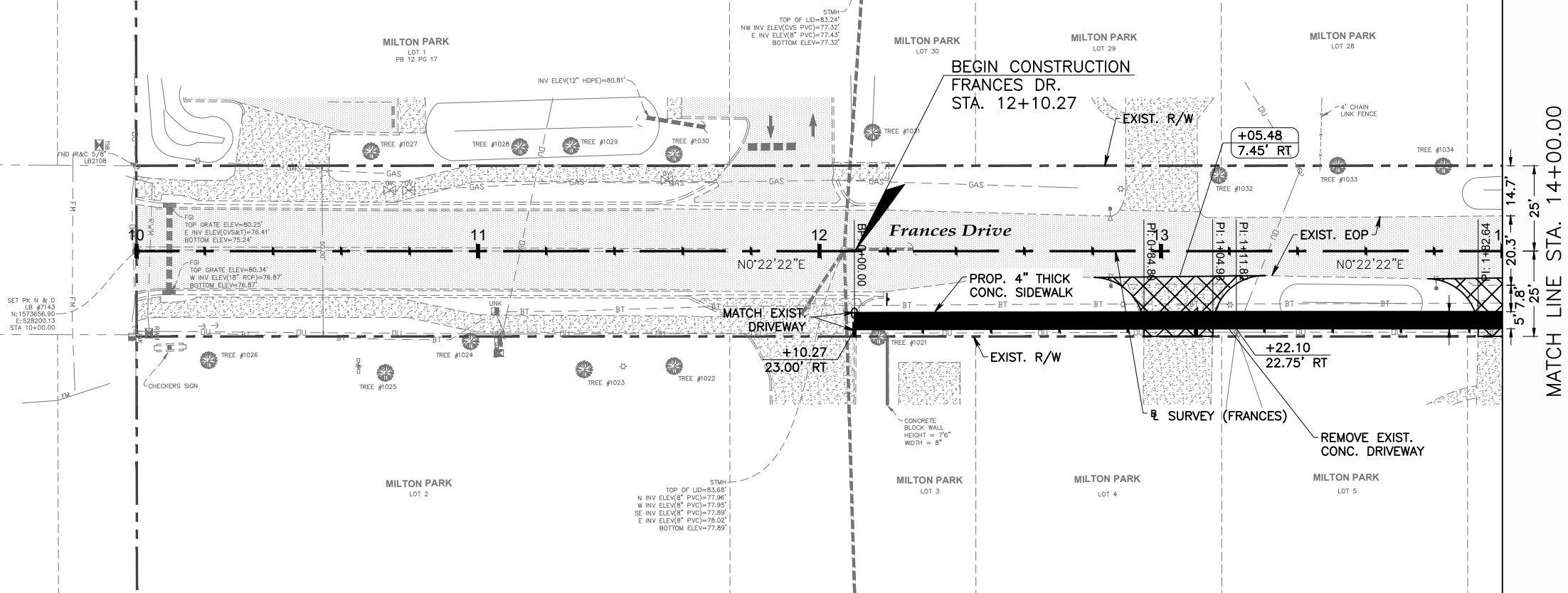
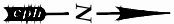
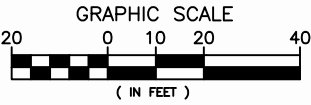
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Seminole County

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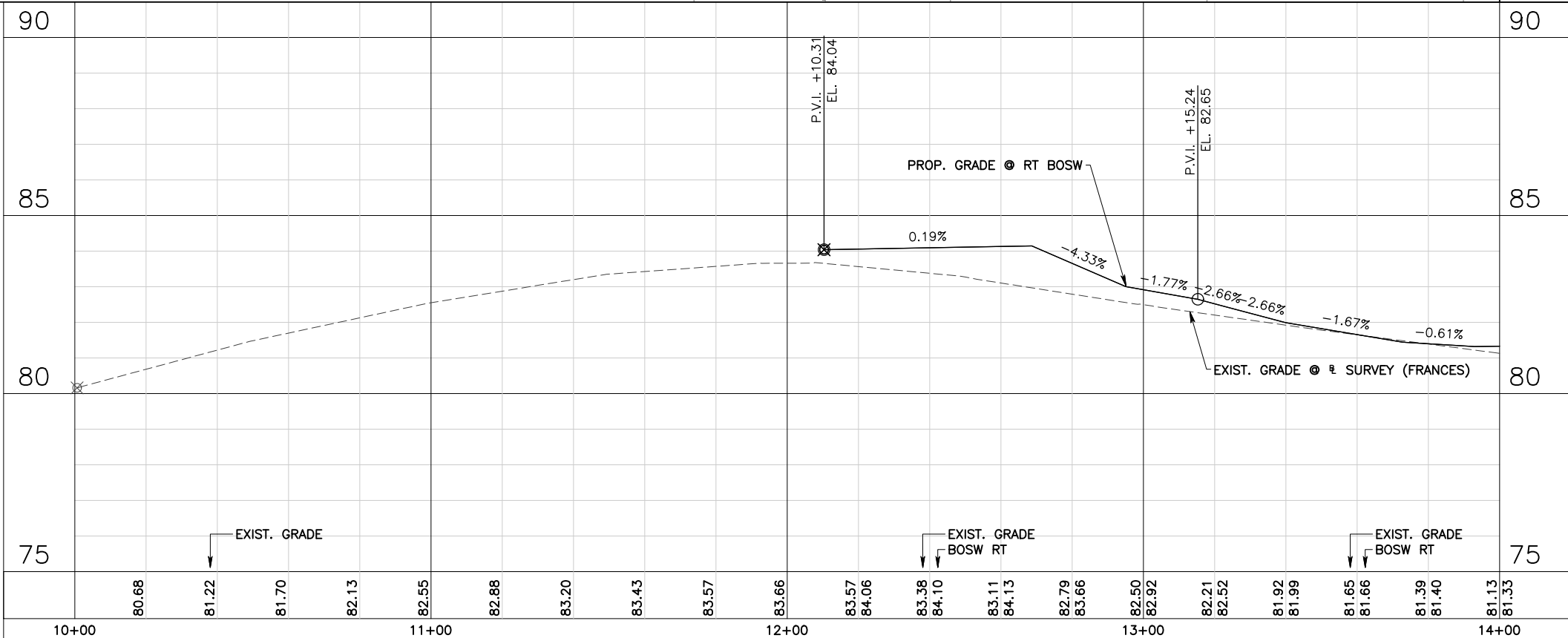
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FL P.E. No. 88718

General Notes



+XX.XX XX.XX'	DRIVEWAY REFERENCE POINT
+XX.XX XX.XX'	STATION/OFFSET TO SURVEY (FRANCES)
	TREE TO BE REMOVED
	PROP. 6\"/>
	PROP. 4\"/>



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Seminole County

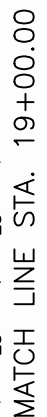
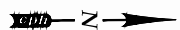
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Frances Drive
Plan and Profile

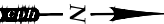
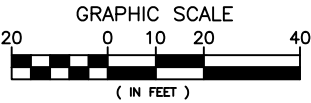
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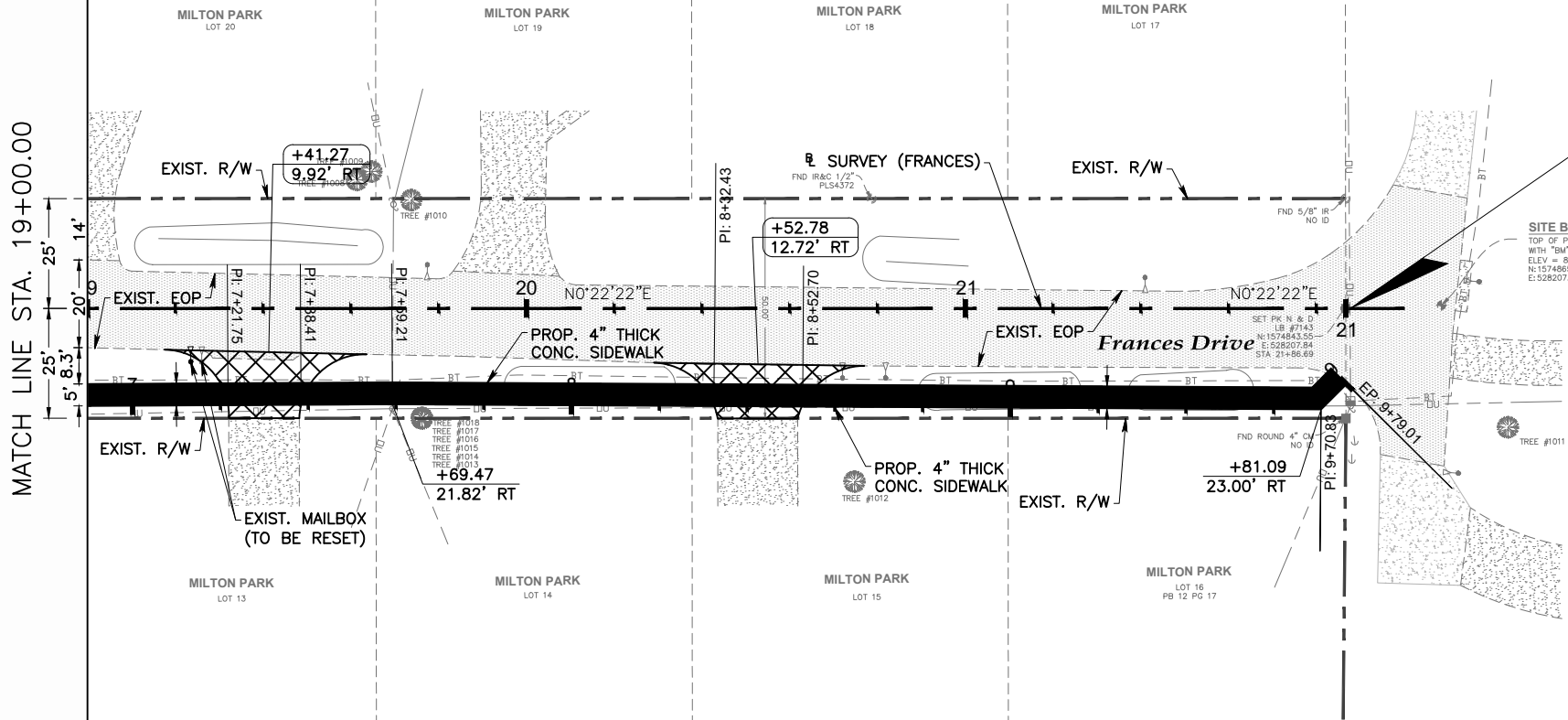


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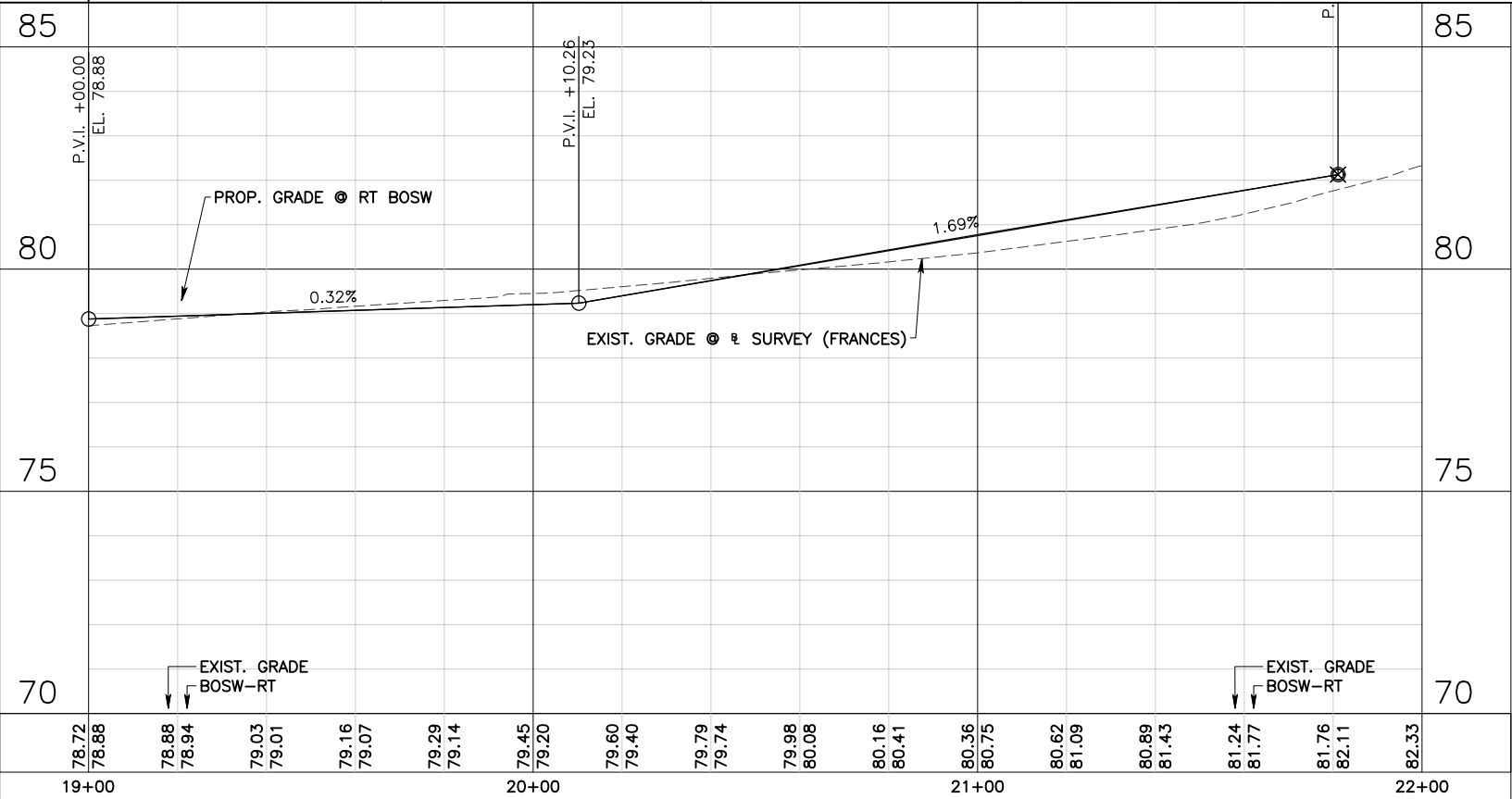
MATCH LINE STA. 19+00.00



END CONSTRUCTION
FRANCES DR.
STA. 21+86.87

SITE BENCHMARK #122
TOP OF PK NAIL & DISK
WITH "BM" LB #7143
ELEV = 82.54 (NAVD '88)
N:1574865.37
E:528207.28

- +XX.XX
XX.XX' DRIVEWAY
REFERENCE POINT
- +XX.XX
XX.XX' STATION/OFFSET TO
SURVEY (FRANCES)
- TREE TO BE REMOVED
- PROP. 6" THICK
CONC. DRIVEWAY
- PROP. 4" THICK
CONC. SIDEWALK



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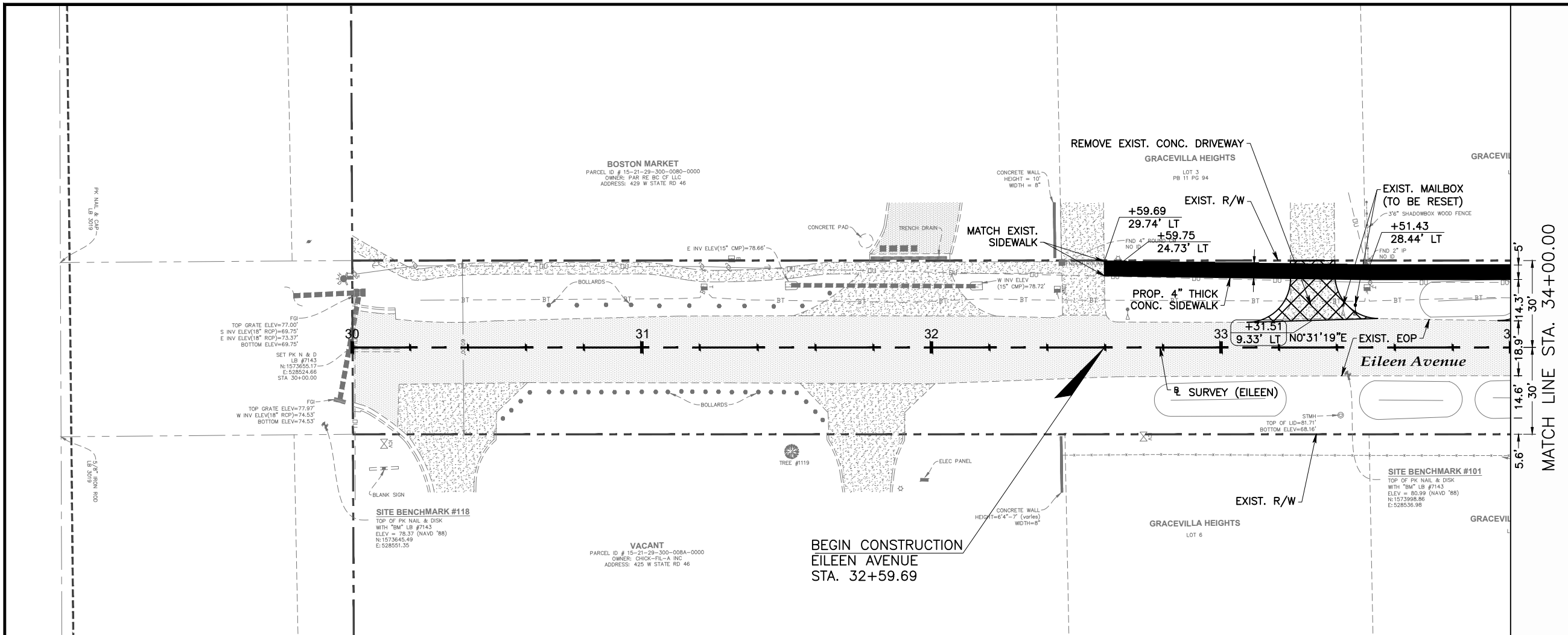
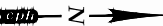
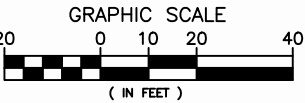
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FL P.E. No. 88718

Frances Drive
Plan and Profile

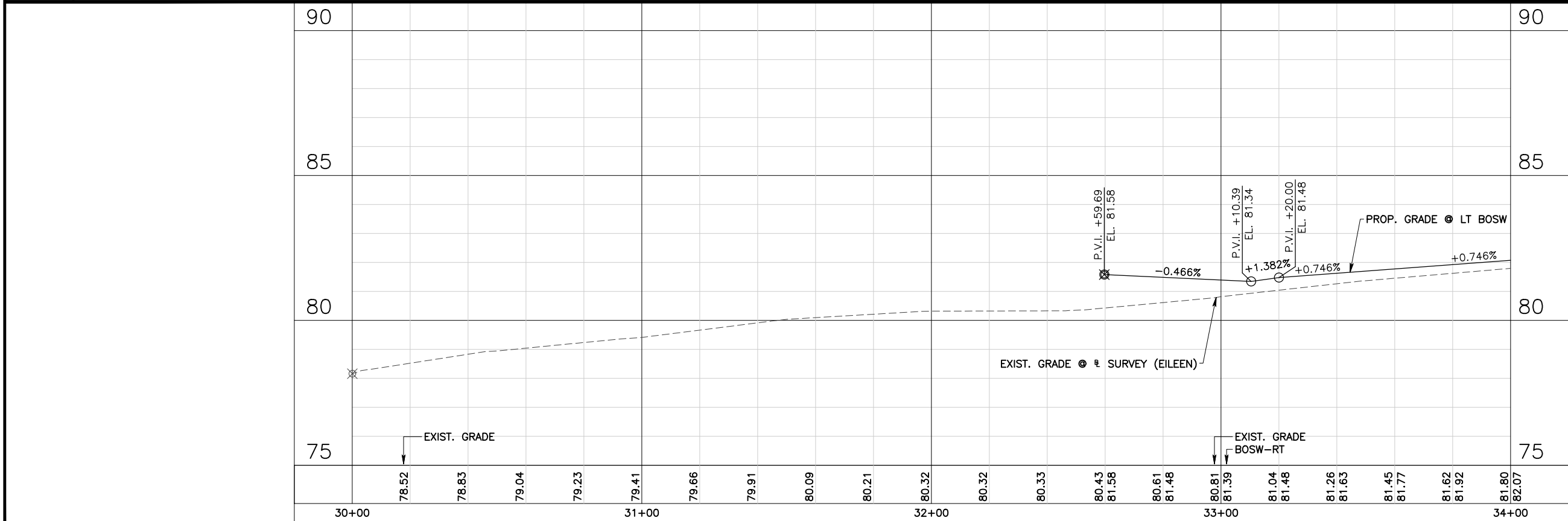
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+XX.XX XX.XX'	DRIVEWAY REFERENCE POINT
+XX.XX XX.XX'	STATION/OFFSET TO SURVEY (EILEEN)
	TREE TO BE REMOVED
	PROP. 6\" THICK CONC. DRIVEWAY
	PROP. 4\" THICK CONC. SIDEWALK



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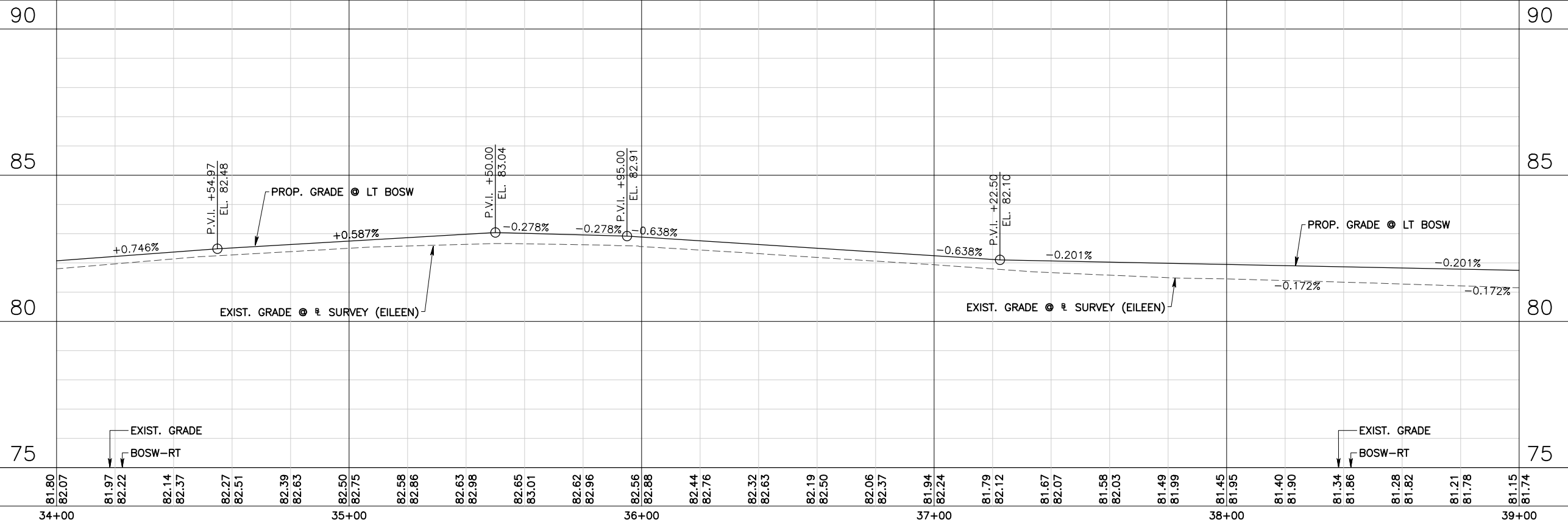
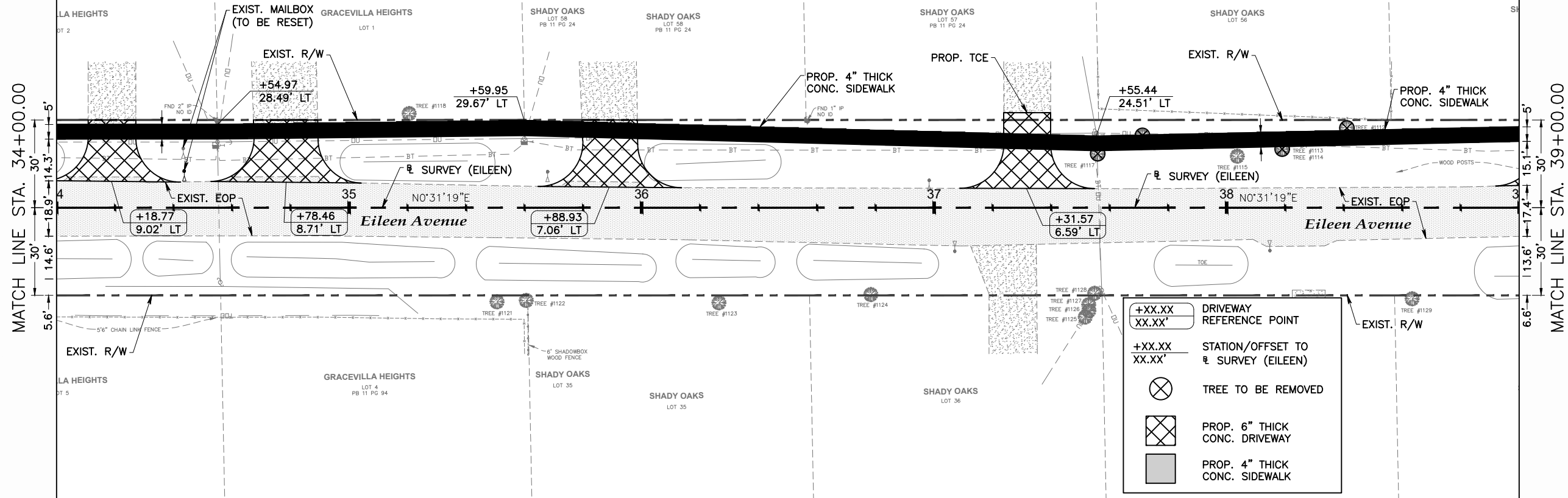
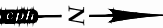
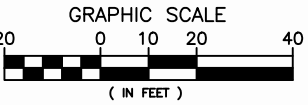
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Eileen Avenue
Plan and Profile



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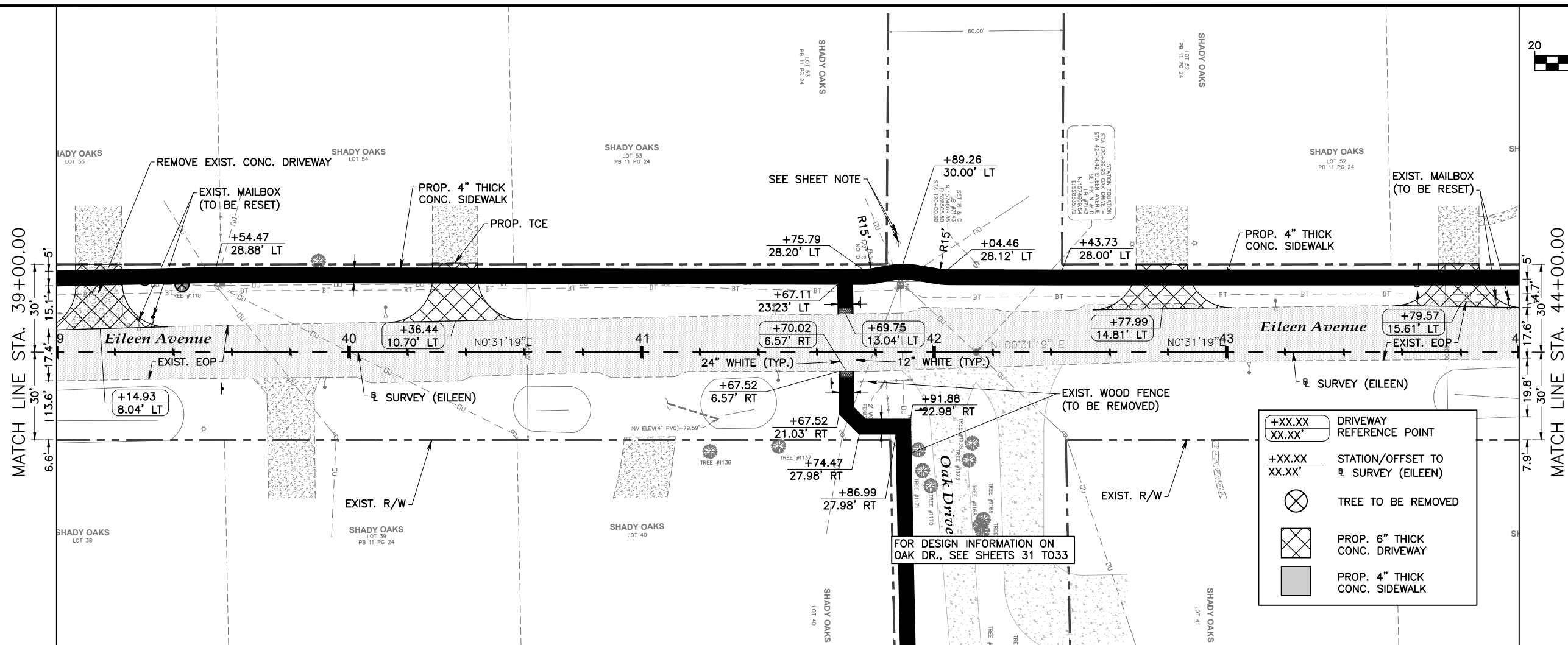
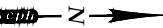
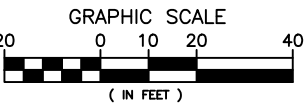
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Eileen Avenue
Plan and Profile

Sheet No.

13



+XX.XX
XX.XX'

DRIVEWAY
REFERENCE POINT

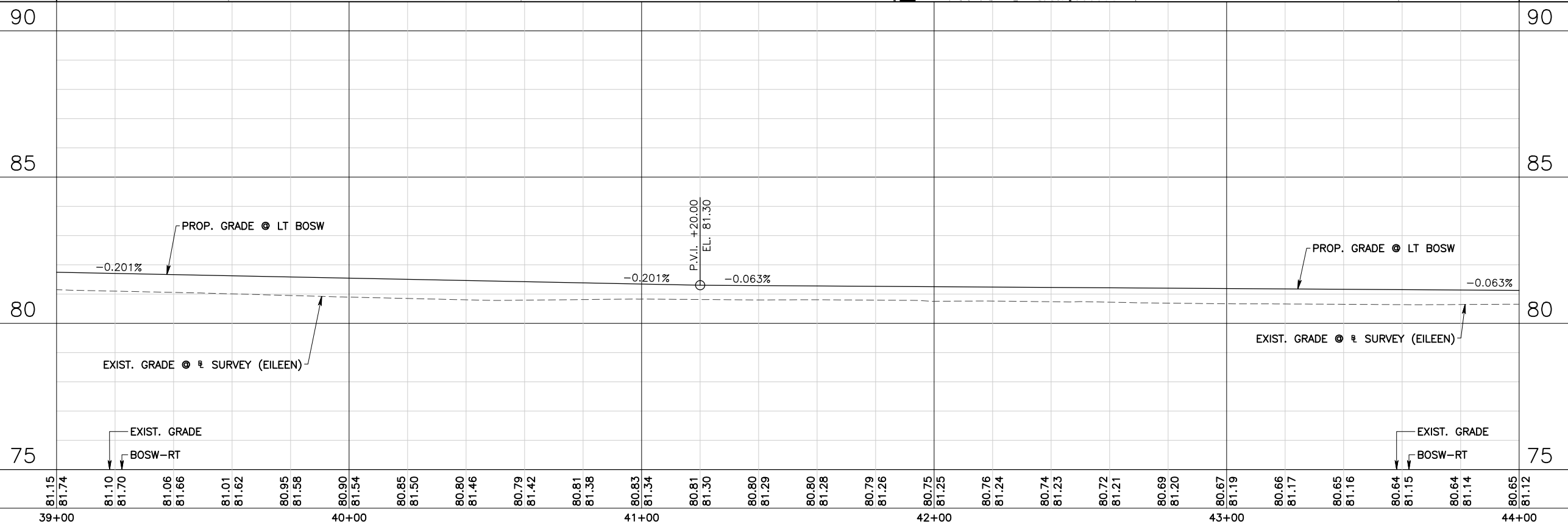
+XX.XX
XX.XX'

STATION/OFFSET TO
EILEEN SURVEY

TREE TO BE REMOVED

PROP. 6" THICK
CONC. DRIVEWAY

PROP. 4" THICK
CONC. SIDEWALK



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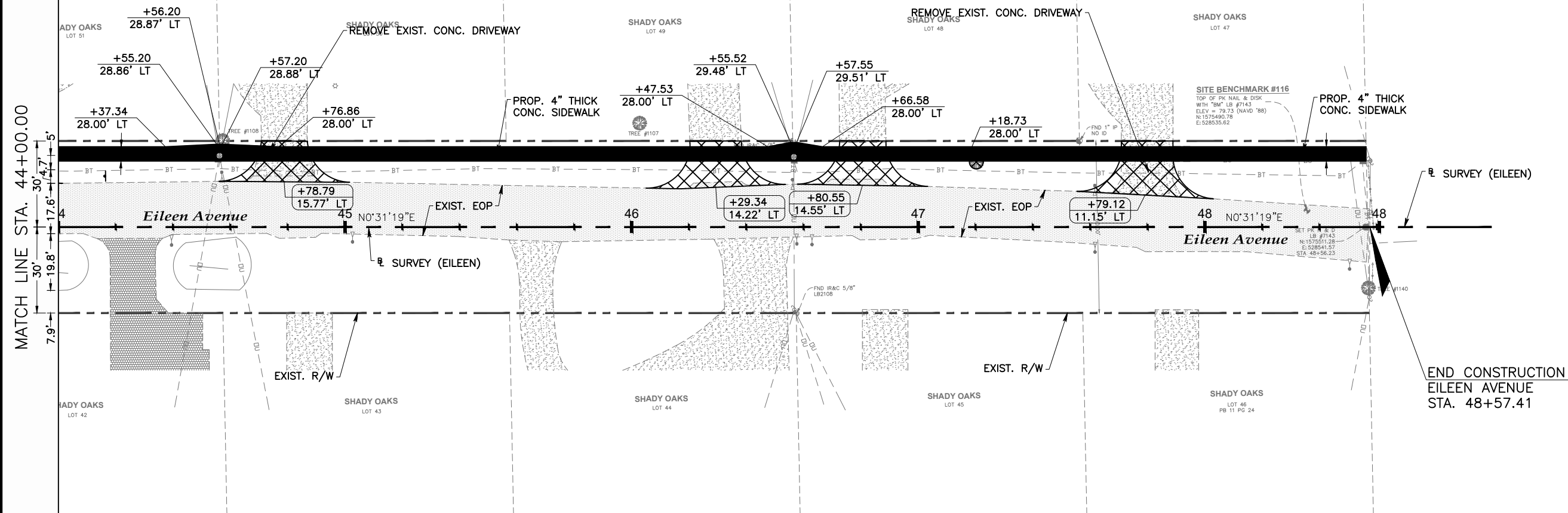
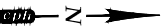
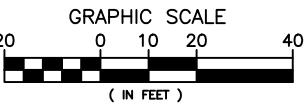
Goldie Manor Sidewalks
Seminole County

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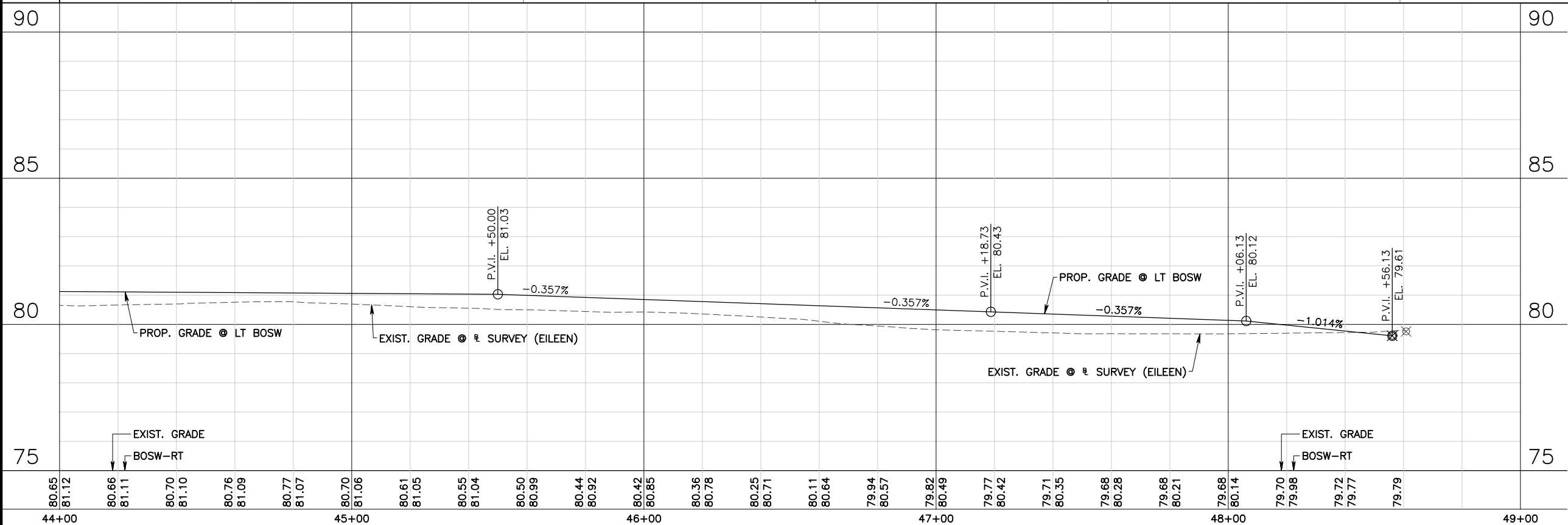
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FL P.E. No. 88718

Eileen Avenue
Plan and Profile

Sheet No.
14



- +XX.XX
XX.XX' DRIVEWAY
REFERENCE POINT
- +XX.XX
XX.XX' STATION/OFFSET TO
EILEEN AVENUE
- ⊗ TREE TO BE REMOVED
- ▣ PROP. 6" THICK
CONC. DRIVEWAY
- ▣ PROP. 4" THICK
CONC. SIDEWALK



No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
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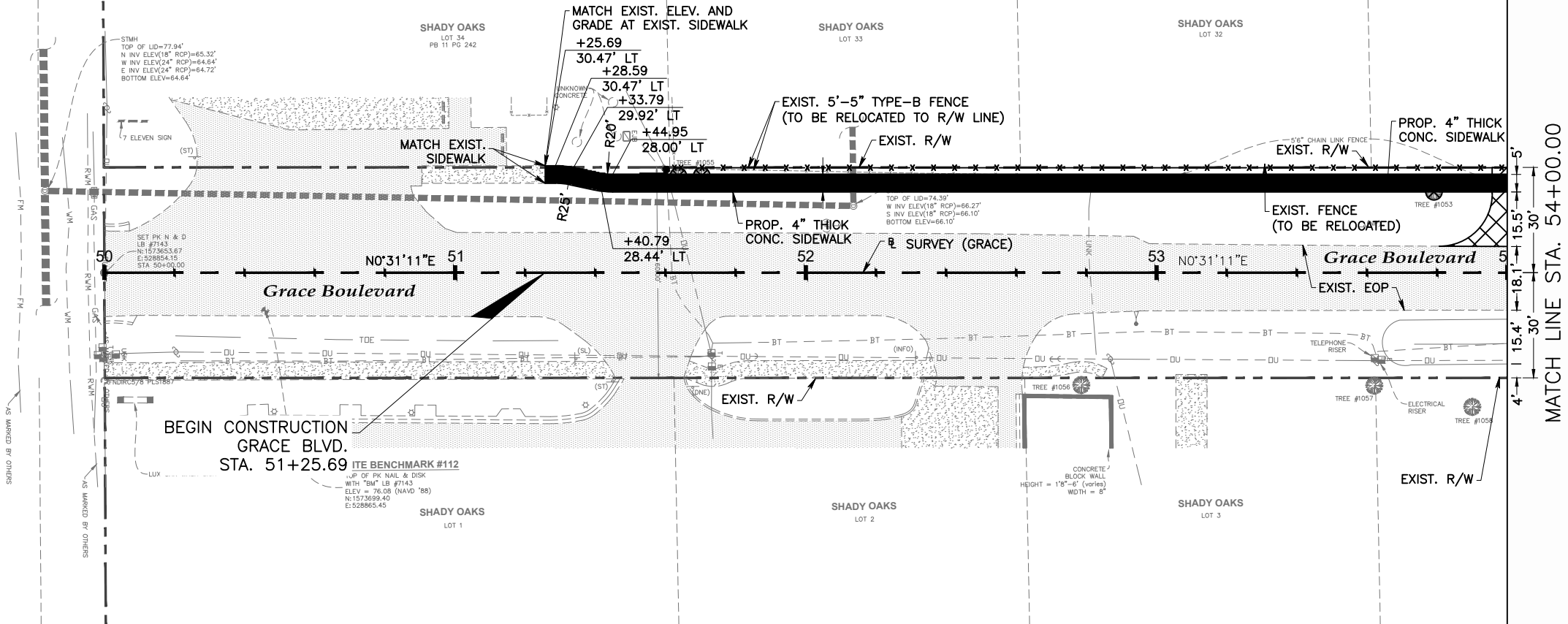
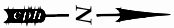
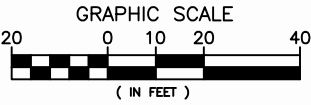
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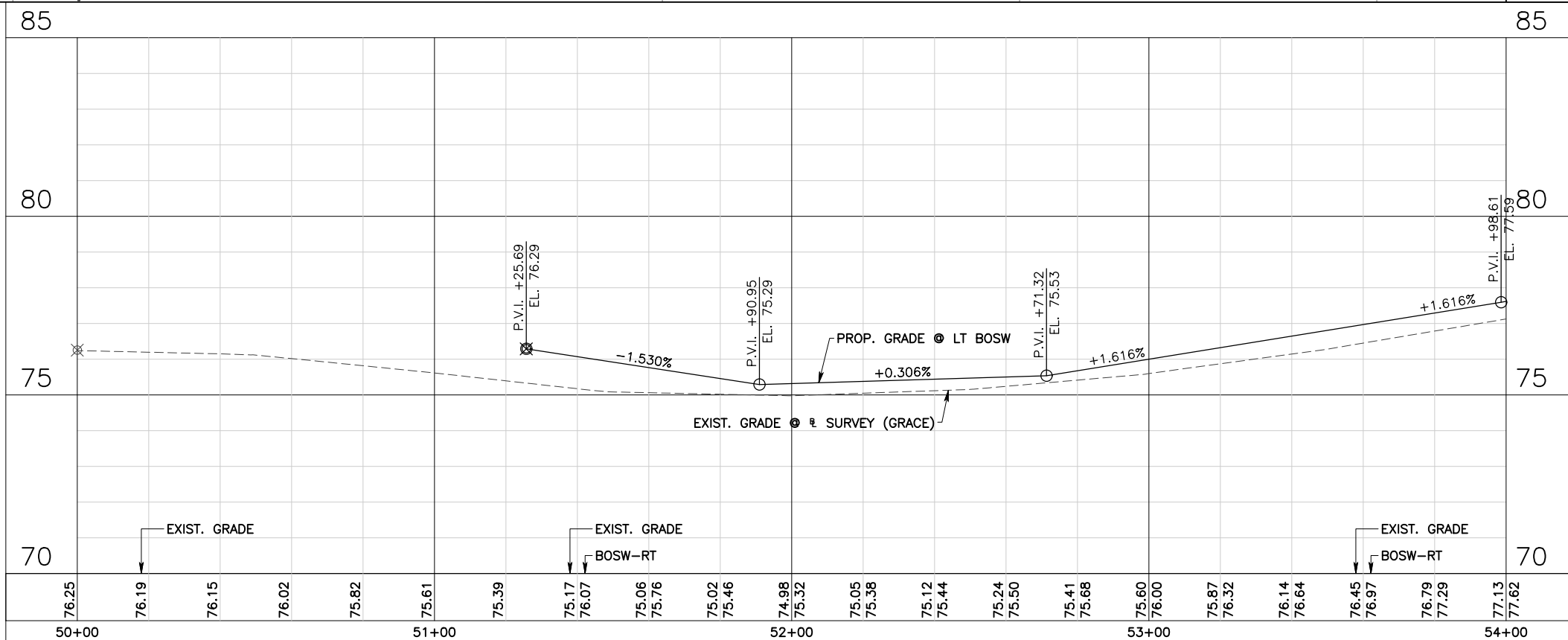
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Eileen Avenue
Plan and Profile

Sheet No.
15



+XX.XX	DRIVEWAY
XX.XX'	REFERENCE POINT
+XX.XX	STATION/OFFSET TO
XX.XX'	℄ SURVEY (GRACE BLVD)
⊗	TREE TO BE REMOVED
⊠	PROP. 6" THICK CONC. DRIVEWAY
■	PROP. 4" THICK CONC. SIDEWALK



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1				2			
3				4			
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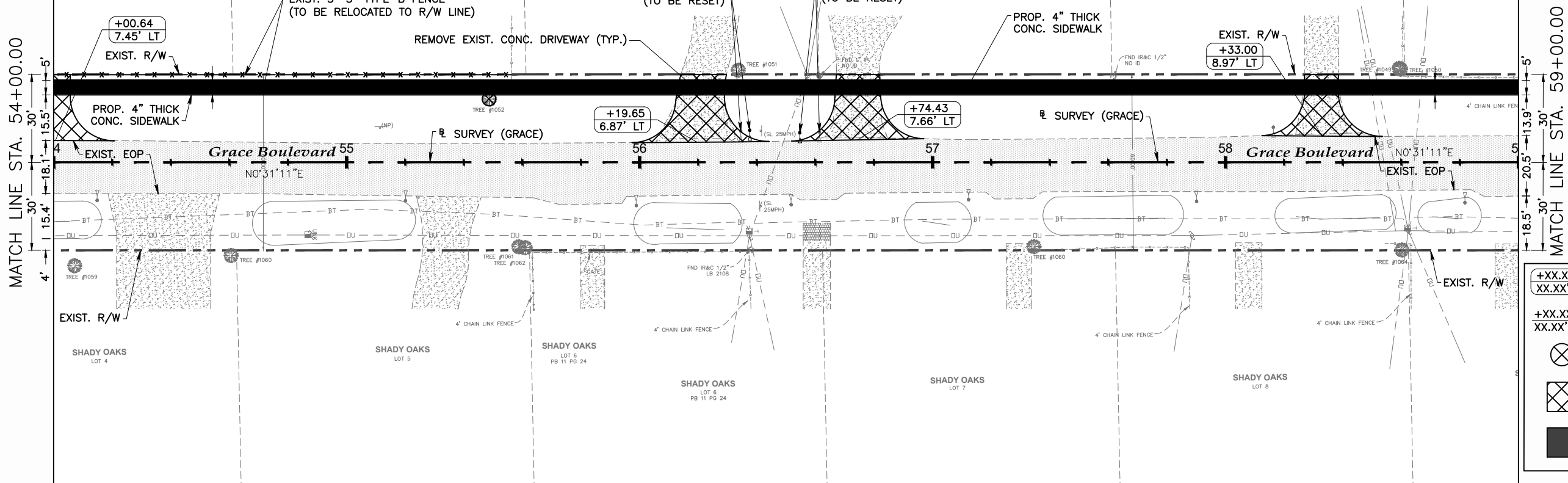
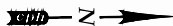
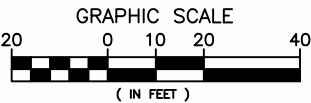
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Grace Boulevard
Plan and Profile

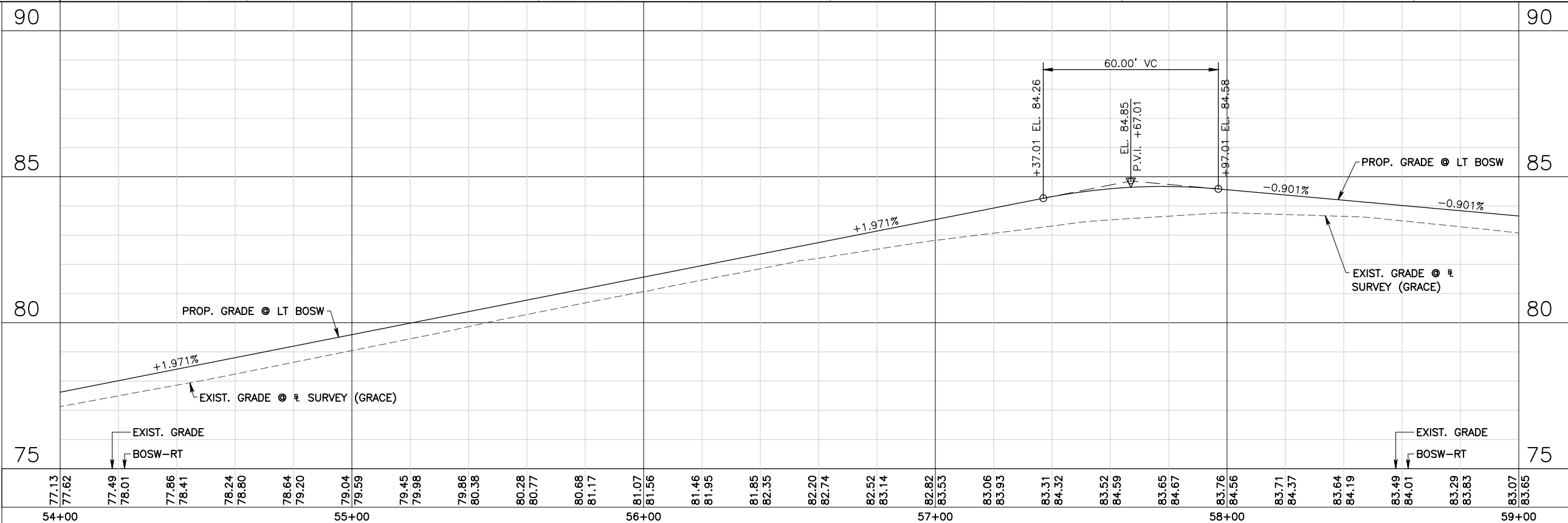
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- DRIVEWAY REFERENCE POINT
- STATION/OFFSET TO SURVEY (GRACE BLVD)
- TREE TO BE REMOVED
- PROP. 6" THICK CONC. DRIVEWAY
- PROP. 4" THICK CONC. SIDEWALK



No.	Date	Revision	By	No.	Date	Revision	By
1				2			
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5				6			
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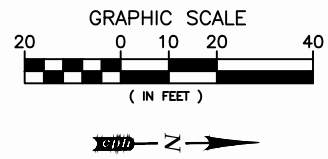
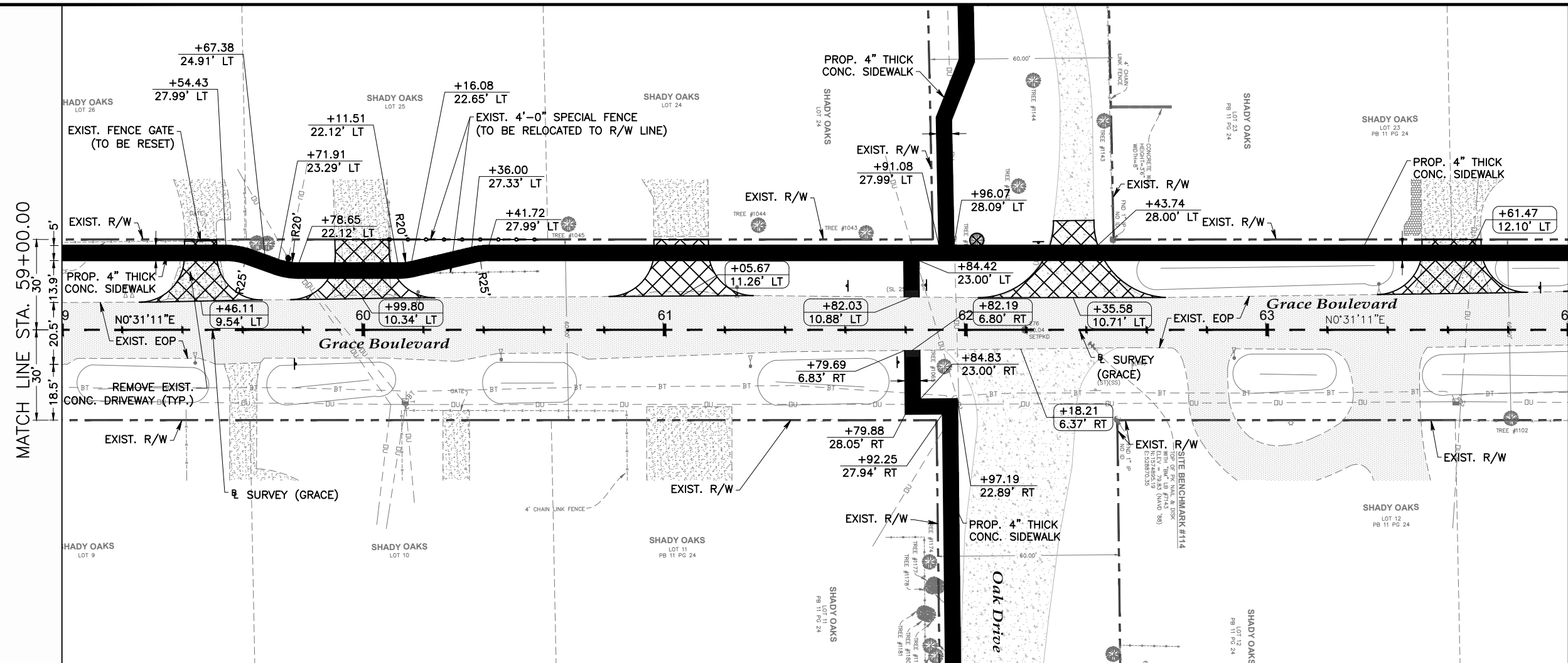
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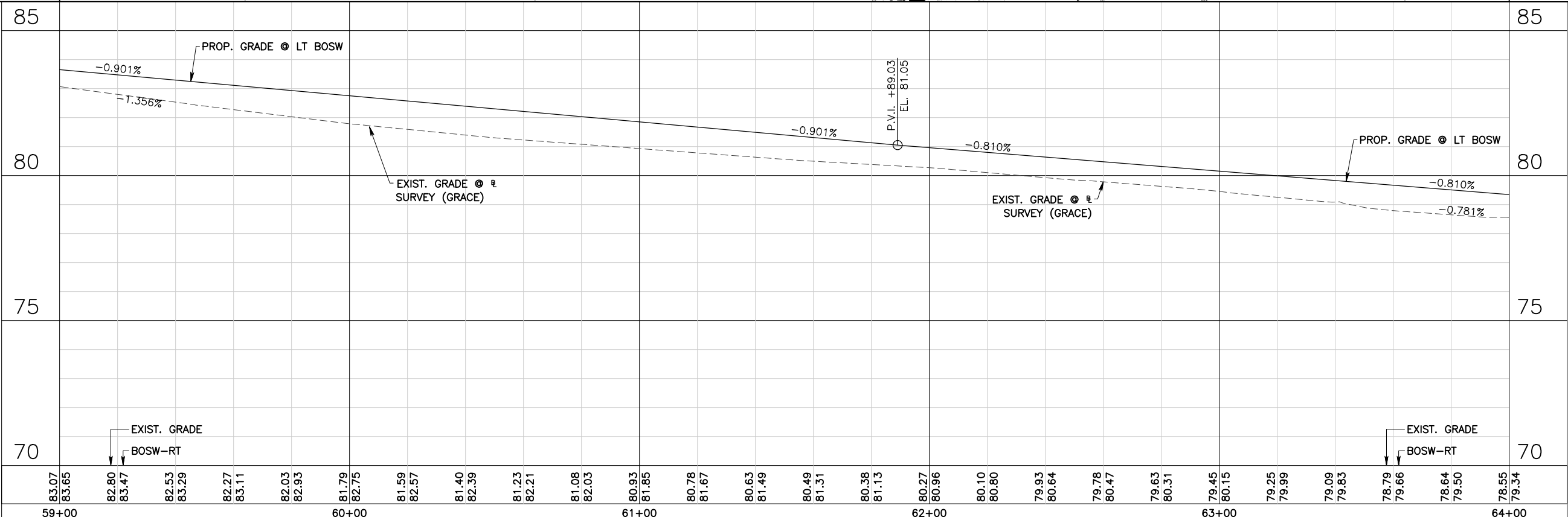
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Grace Boulevard
Plan and Profile

Sheet No.
17



- +XX.XX
XX.XX' DRIVEWAY
REFERENCE POINT
- +XX.XX
XX.XX' STATION/OFFSET TO
SURVEY (GRACE BLVD)
- TREE TO BE REMOVED
- PROP. 6" THICK
CONC. DRIVEWAY
- PROP. 4" THICK
CONC. SIDEWALK



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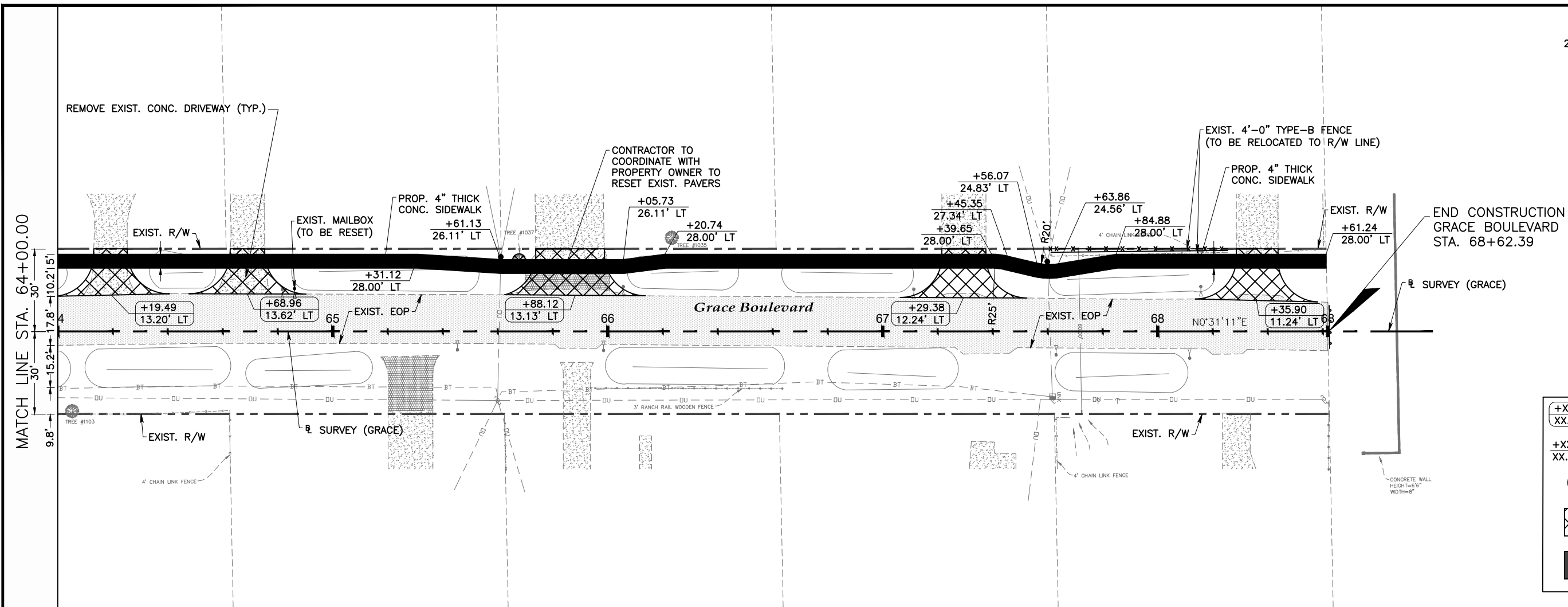
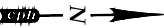
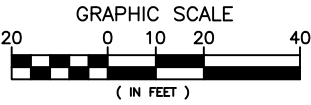
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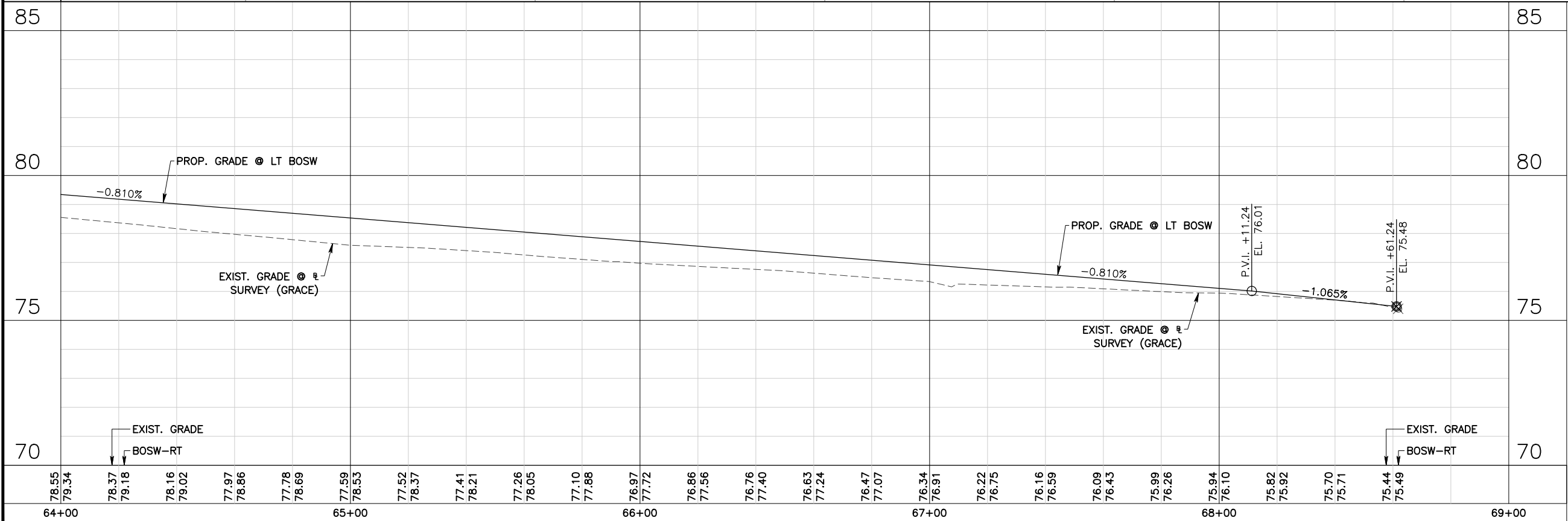
Grace Boulevard
Plan and Profile

Sheet No.
18

Drawing Name: J:\S0998\Roadway\Roadway\PLAN\RD03.dwg Jul 31, 2020 - 11:08am amejla



- +XX.XX
XX.XX' DRIVEWAY
REFERENCE POINT
- +XX.XX
XX.XX' STATION/OFFSET TO
SURVEY (GRACE BLVD)
- TREE TO BE REMOVED
- PROP. 6" THICK
CONC. DRIVEWAY
- PROP. 4" THICK
CONC. SIDEWALK



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1				2			
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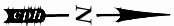
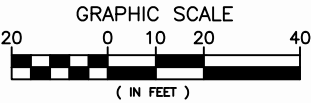
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Grace Boulevard
Plan and Profile

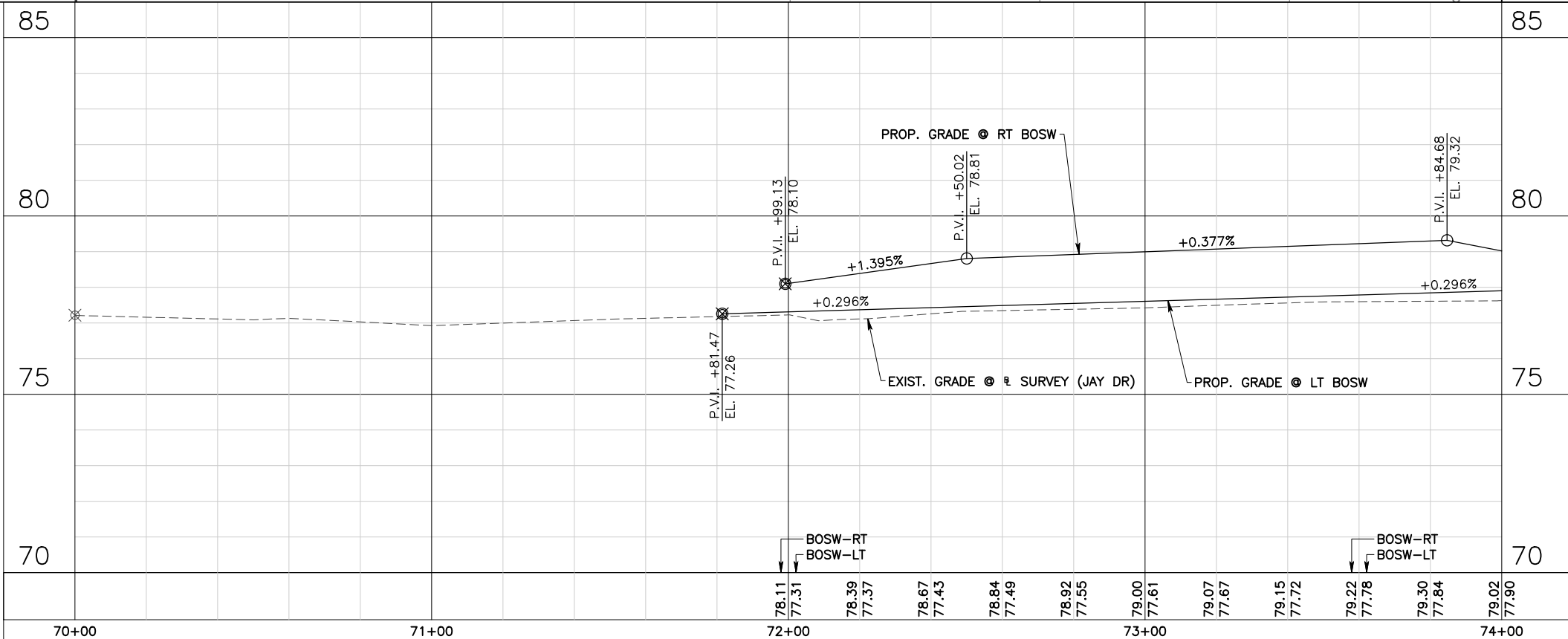
Sheet No.
19



$\Delta = 90^{\circ}00'00''(D)$
 $R = 54.00'(D)$
 $C = 76.37'(D)$
 $L = 84.82'(D)$
 $CB = N 44^{\circ}33'11'' W(D)$

MATCH LINE STA. 74+00.00

- +XX.XX
XX.XX'
- DRIVEWAY
REFERENCE POINT
- +XX.XX
XX.XX'
- STATION/OFFSET TO
SURVEY (JAY DR)
- ⊗
- TREE TO BE REMOVED
- ⊗
- PROP. 6" THICK
CONC. DRIVEWAY
-
- PROP. 4" THICK
CONC. SIDEWALK



No.	Date	Revision	By	No.	Date	Revision	By
1				2			
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5				6			
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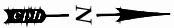
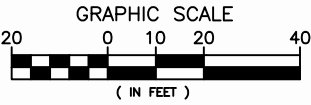
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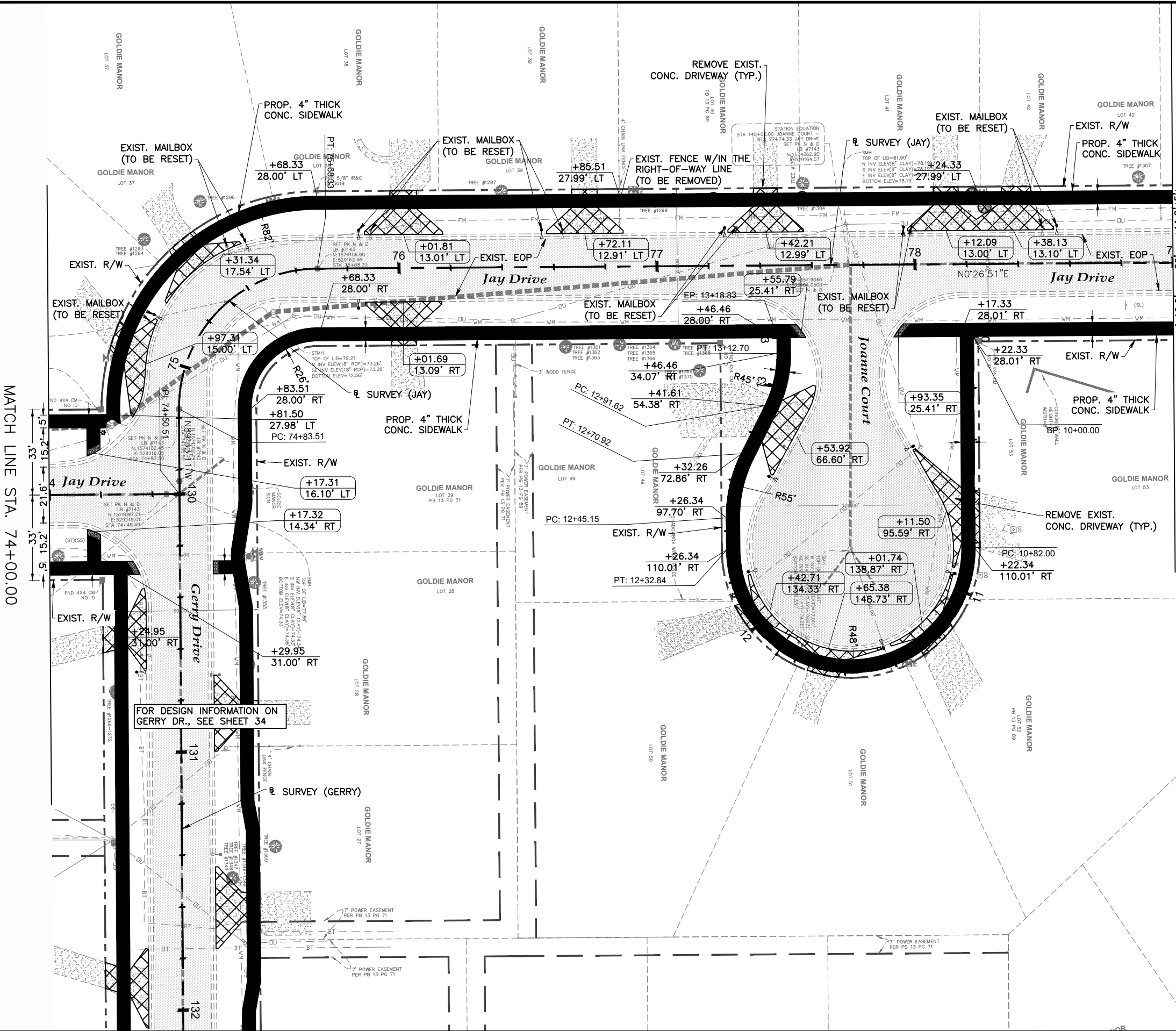
Jay Drive
Plan and Profile

Sheet No.
20



MATCH LINE STA. 79+00.00

MATCH LINE STA. 74+00.00



FOR DESIGN INFORMATION ON GERRY DR., SEE SHEET 34

+XX.XX XX.XX'	DRIVEWAY REFERENCE POINT
+XX.XX XX.XX'	STATION/OFFSET TO ℄ SURVEY (JAY DR)
⊗	TREE TO BE REMOVED
⊠	PROP. 6" THICK CONC. DRIVEWAY
■	PROP. 4" THICK CONC. SIDEWALK

No.	Date	Revision	By	No.	Date	Revision	By
1				1			
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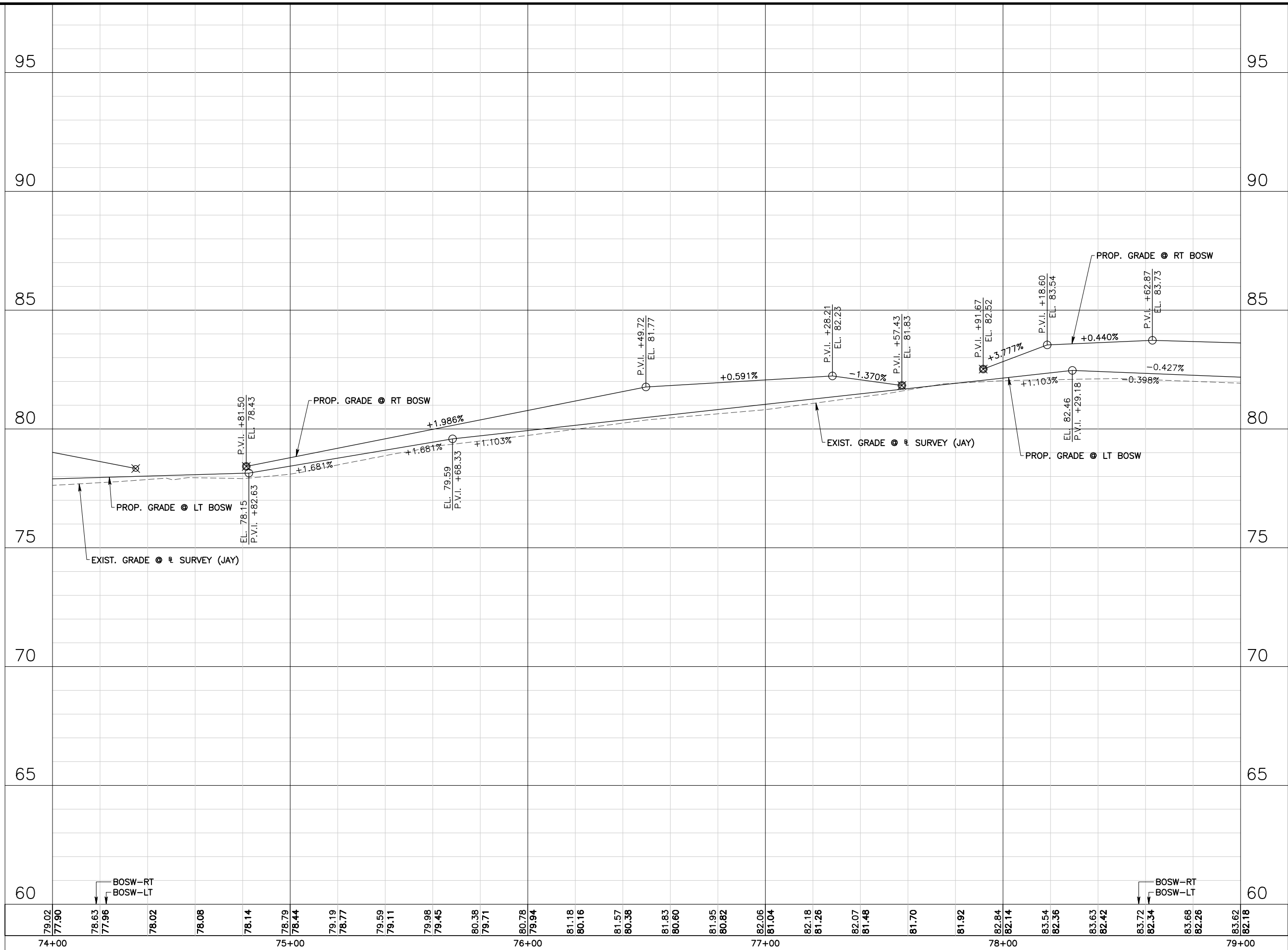
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Jay Drive Plan

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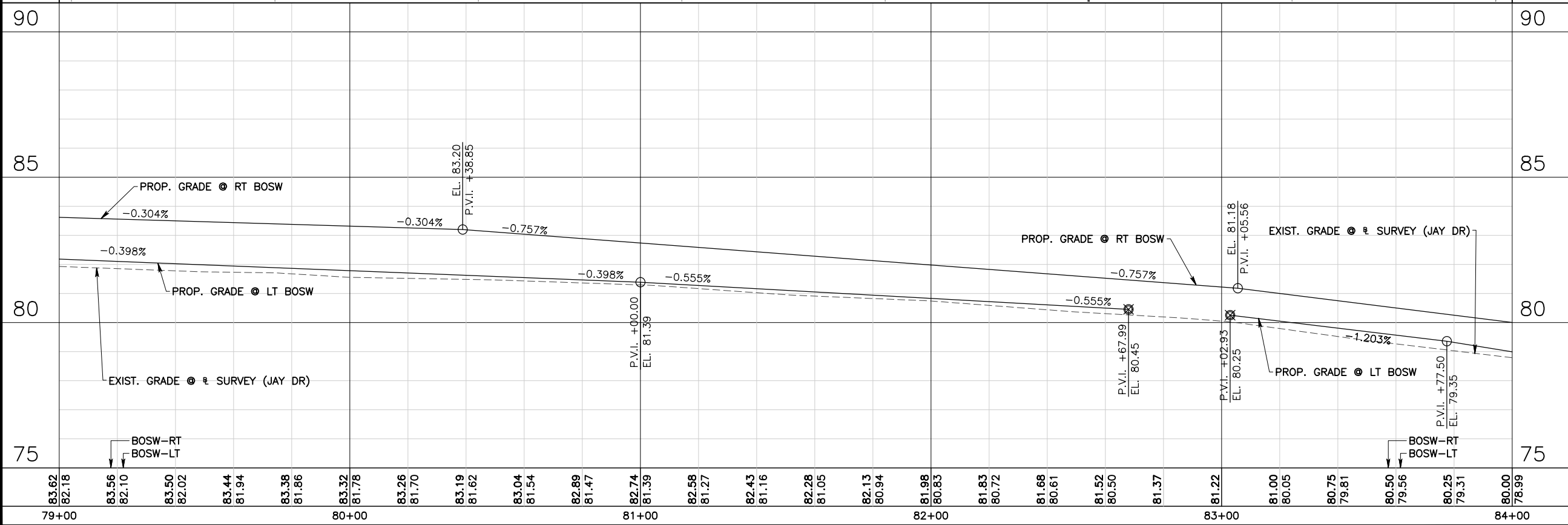
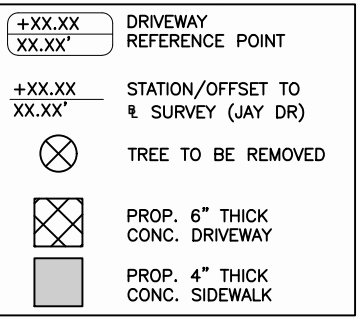
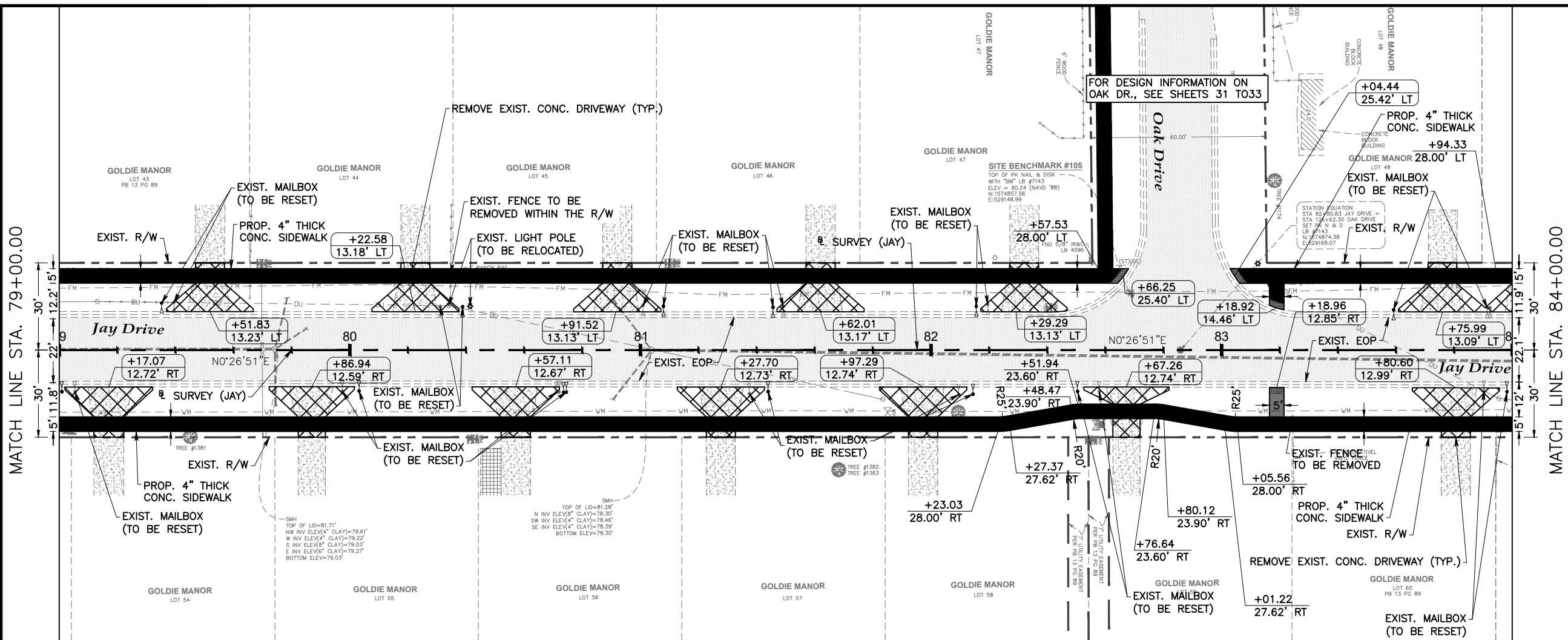
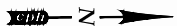
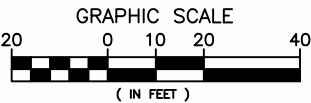
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Jay Drive
Profile

Sheet No.
22



No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
4				4			

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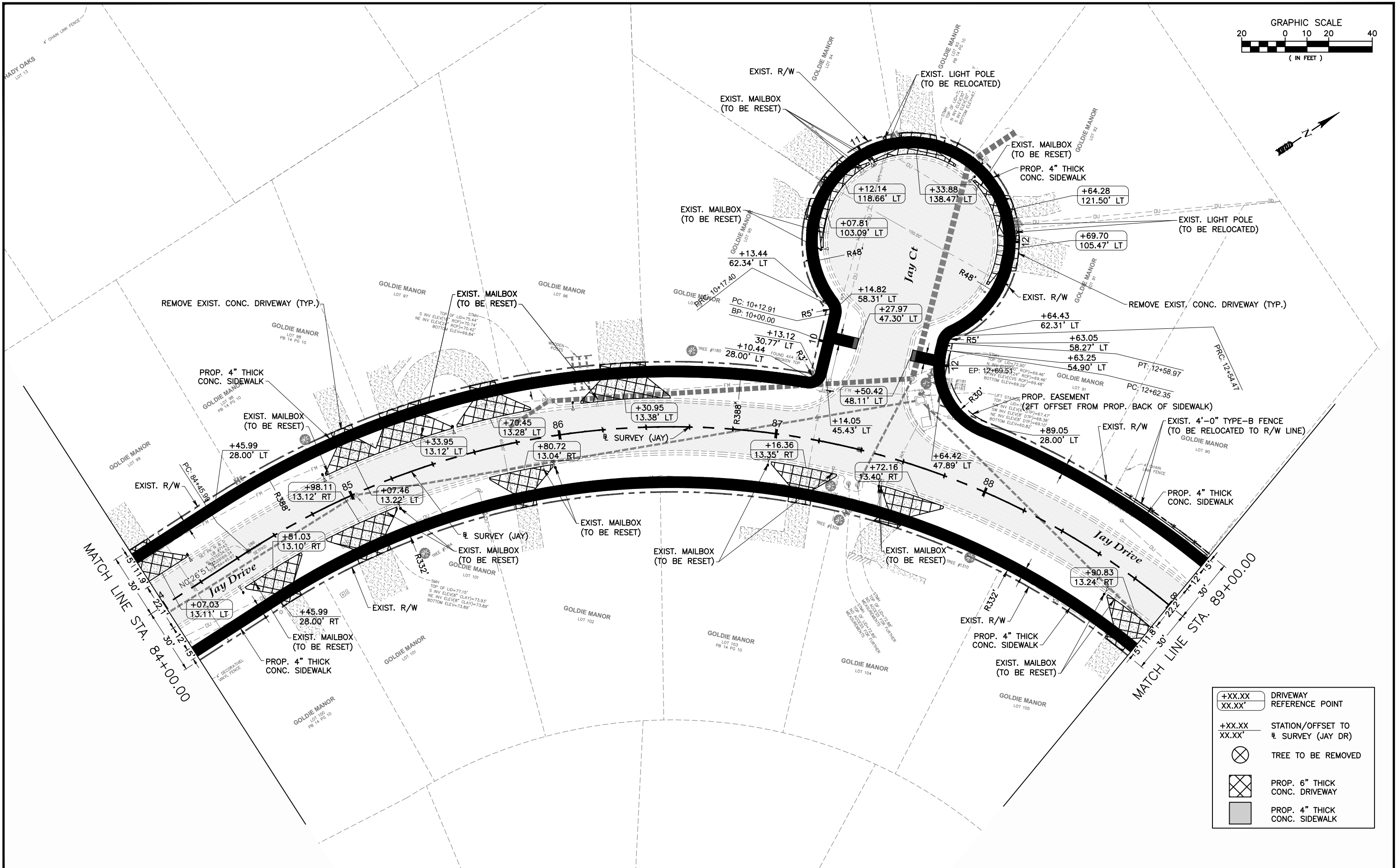
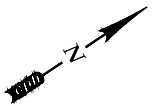
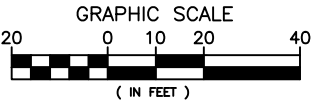
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Jay Drive
Plan and Profile

Sheet No.
23



+XX.XX XX.XX'	DRIVEWAY REFERENCE POINT
+XX.XX XX.XX'	STATION/OFFSET TO SURVEY (JAY DR)
	TREE TO BE REMOVED
	PROP. 6" THICK CONC. DRIVEWAY
	PROP. 4" THICK CONC. SIDEWALK

No.	Date	Revision	By	No.	Date	Revision	By

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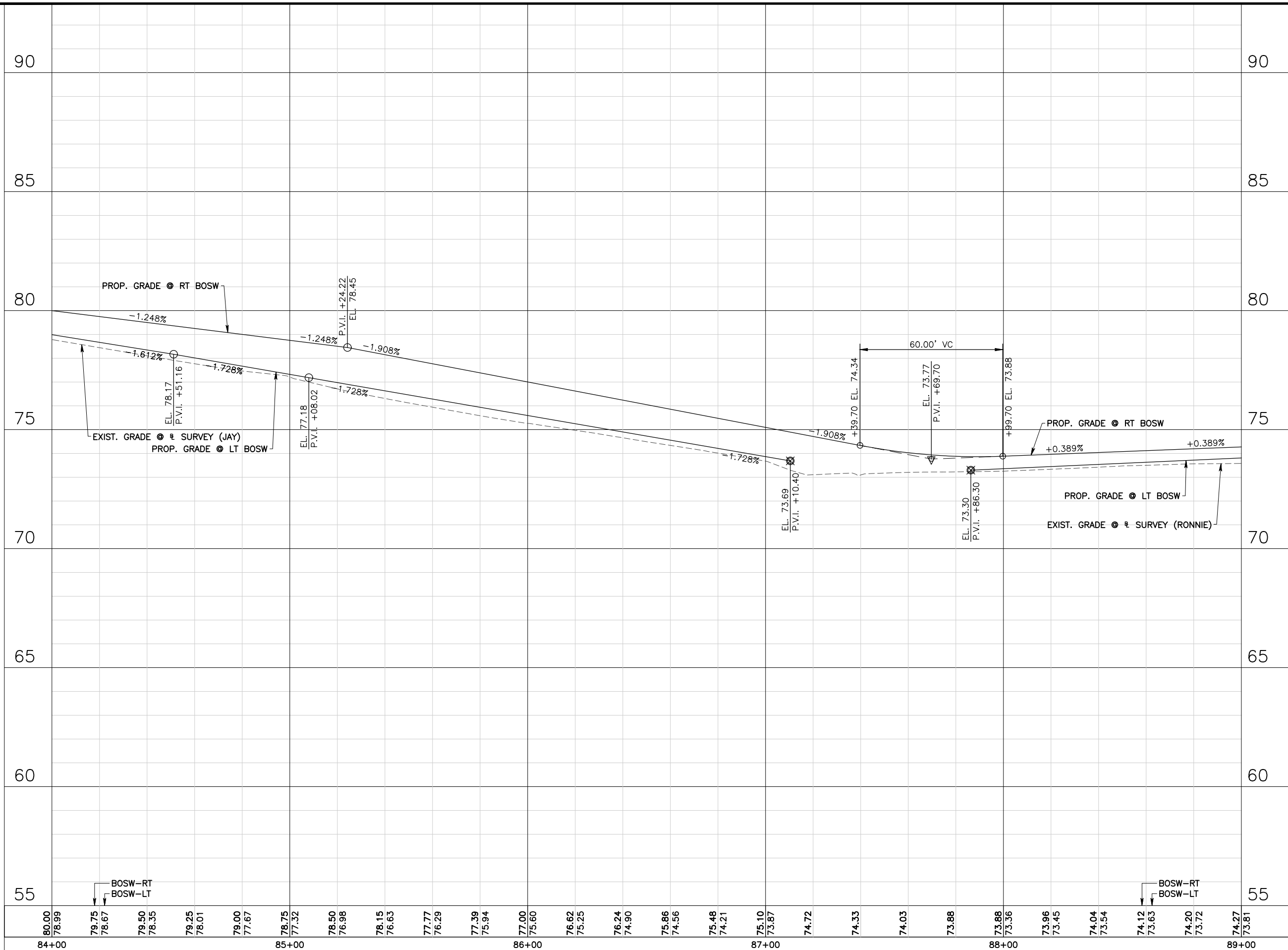
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Plan

Sheet No.

24

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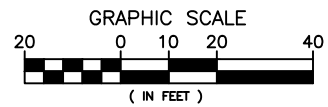
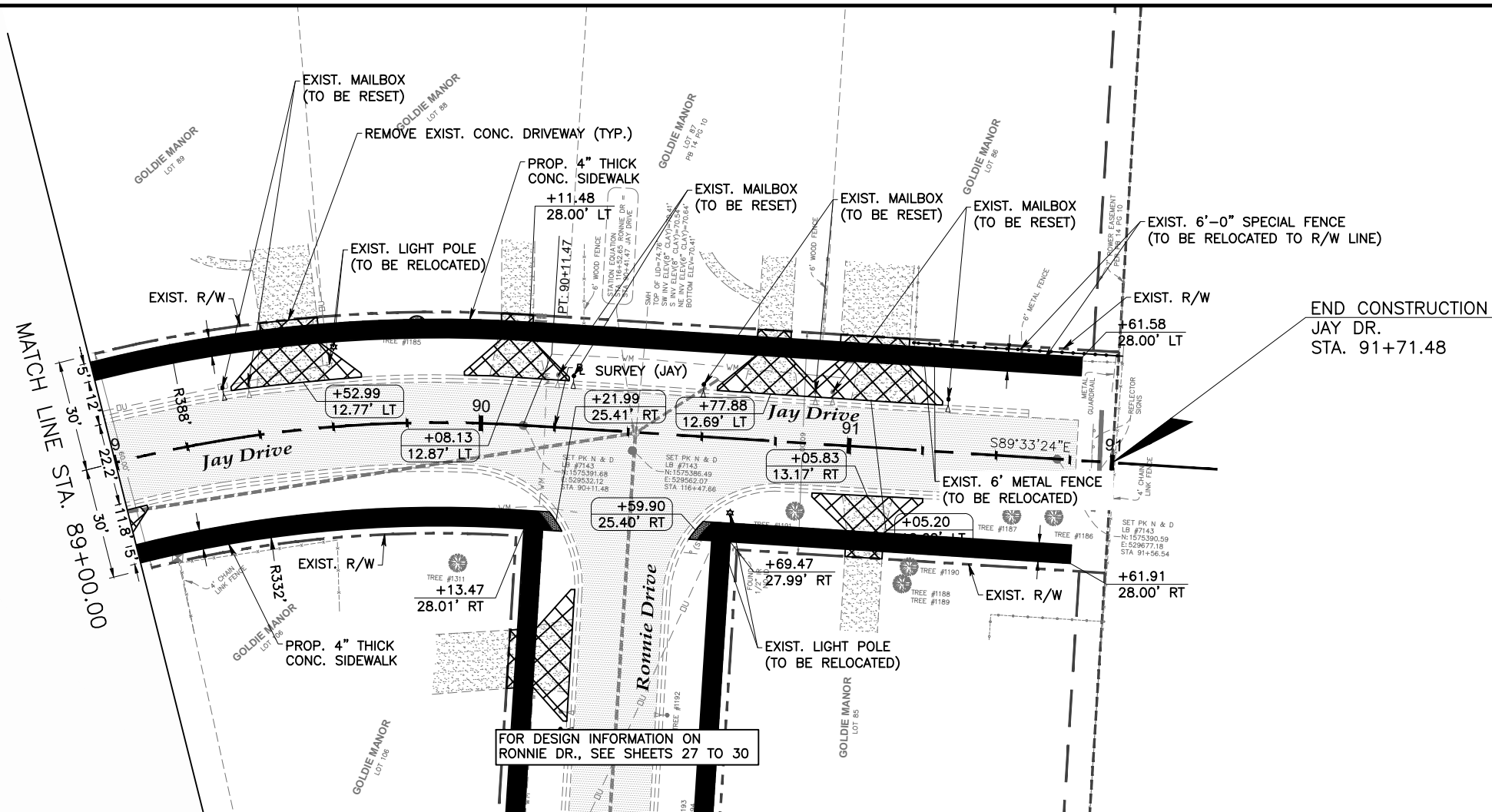
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Engineers		Planners		Checked by: KRL			
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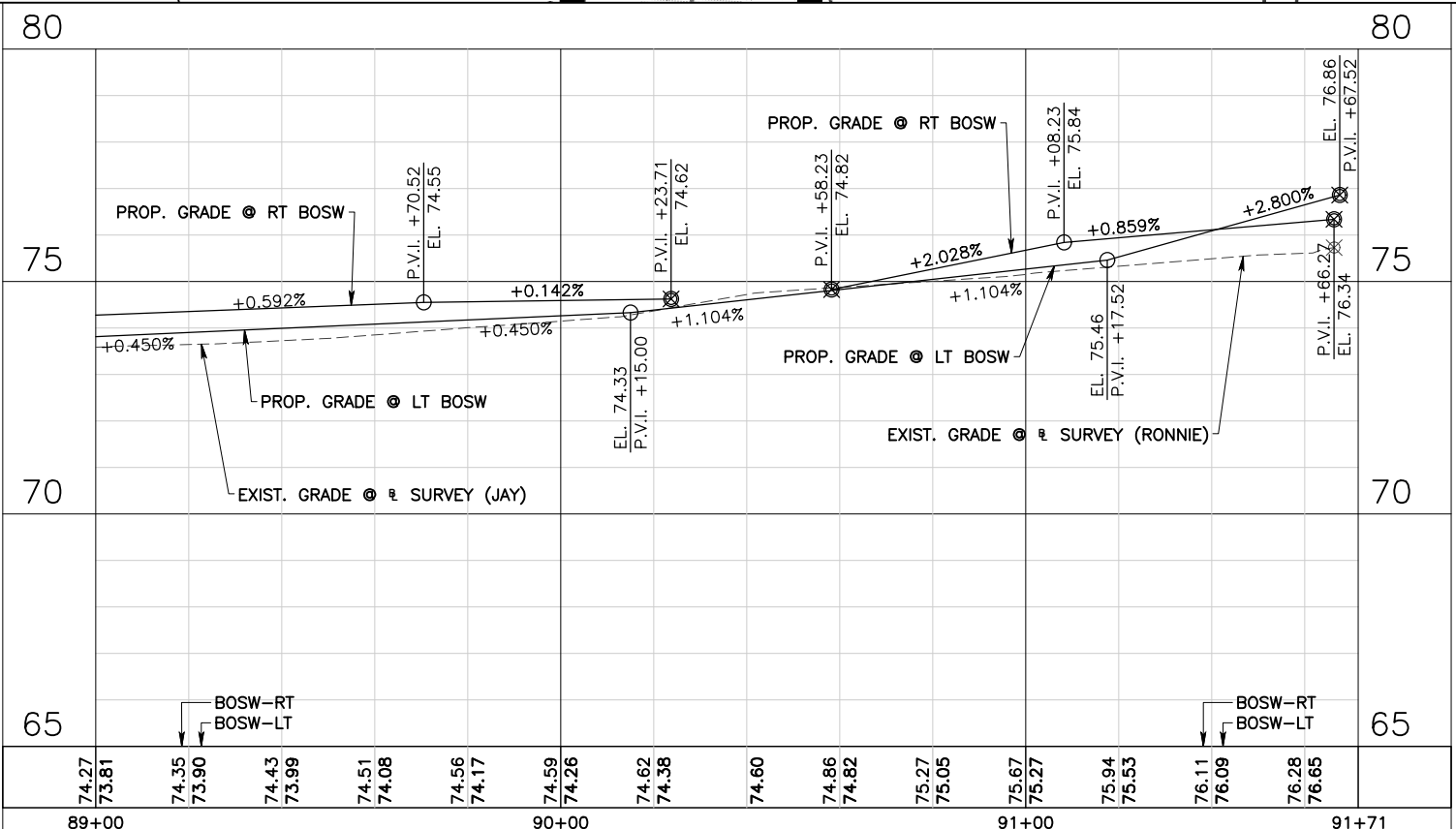
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FL P.E. No. 88718	

Jay Drive	
Profile	

Sheet No.	
25	



- +XX.XX
XX.XX' DRIVEWAY
REFERENCE POINT
- +XX.XX
XX.XX' STATION/OFFSET TO
SURVEY (JAY DR)
- ⊗ TREE TO BE REMOVED
- ▣ PROP. 6" THICK
CONC. DRIVEWAY
- ▣ PROP. 4" THICK
CONC. SIDEWALK



No.	Date	Revision	By	No.	Date	Revision	By
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4				5			

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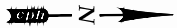
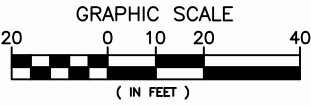
Goldie Manor Sidewalks
Seminole County

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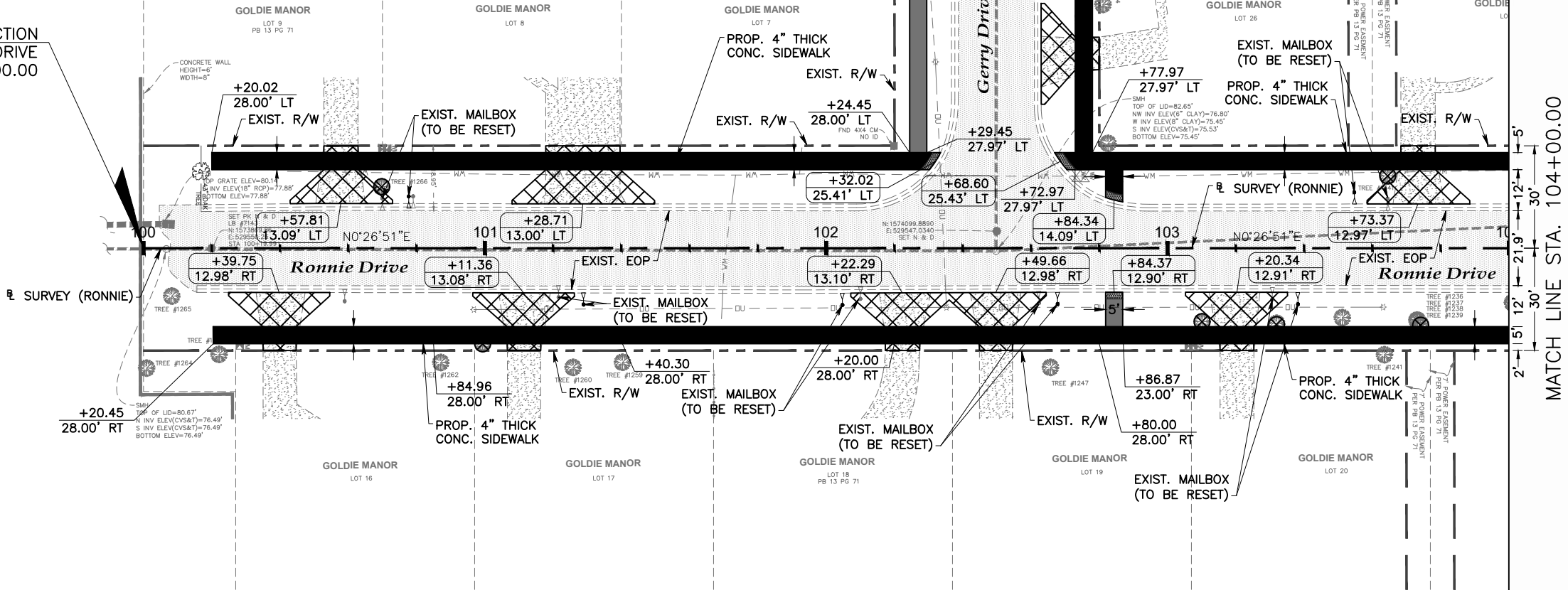
JOSEPH MICHAEL LOFASO, P.E.
FL P.E. No. 88718

Jay Drive
Plan and Profile

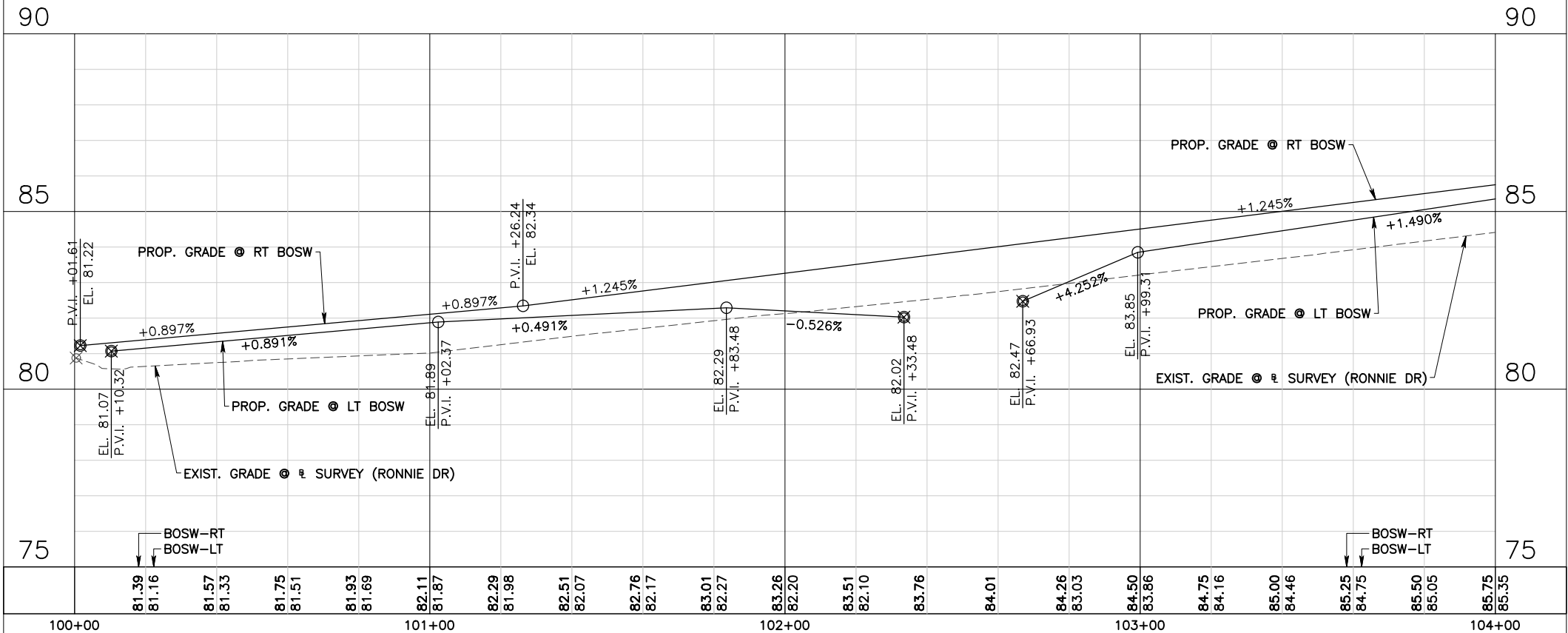
Sheet No.
26



BEGIN CONSTRUCTION
RONNIE DRIVE
STA. 100+00.00



- +XX.XX
XX.XX' DRIVEWAY
REFERENCE POINT
- +XX.XX
XX.XX' STATION/OFFSET TO
SURVEY (RONNIE DR)
- ⊗ TREE TO BE REMOVED
- ▣ PROP. 6" THICK
CONC. DRIVEWAY
- PROP. 6" THICK
CONC. DRIVEWAY



No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
4				4			
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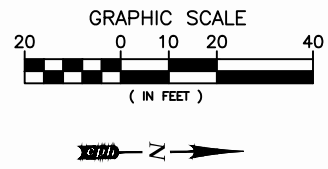
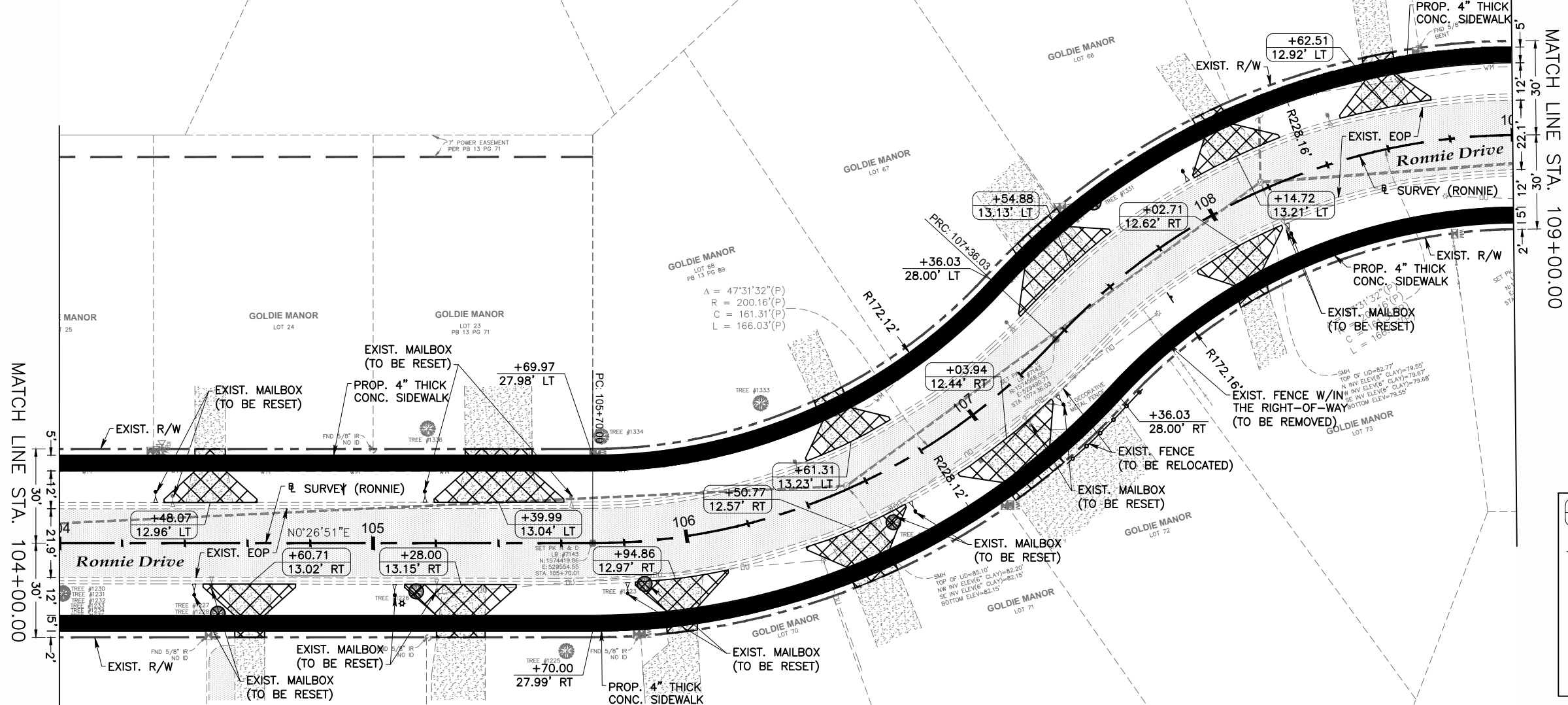
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Ronnie Drive
Plan and Profile

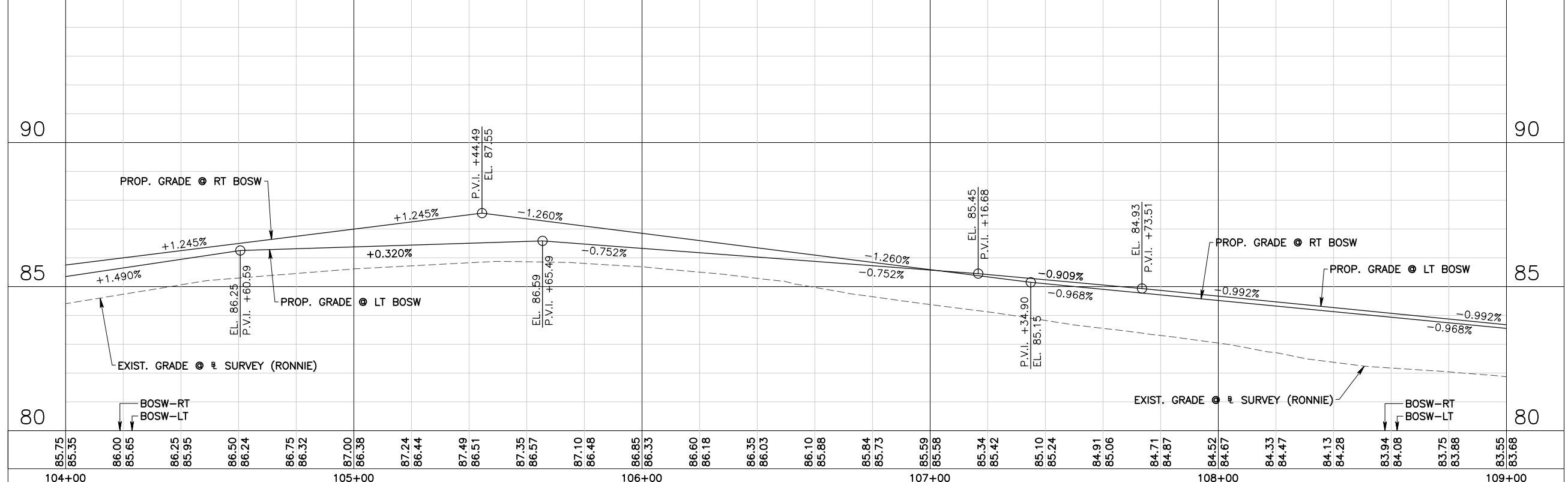
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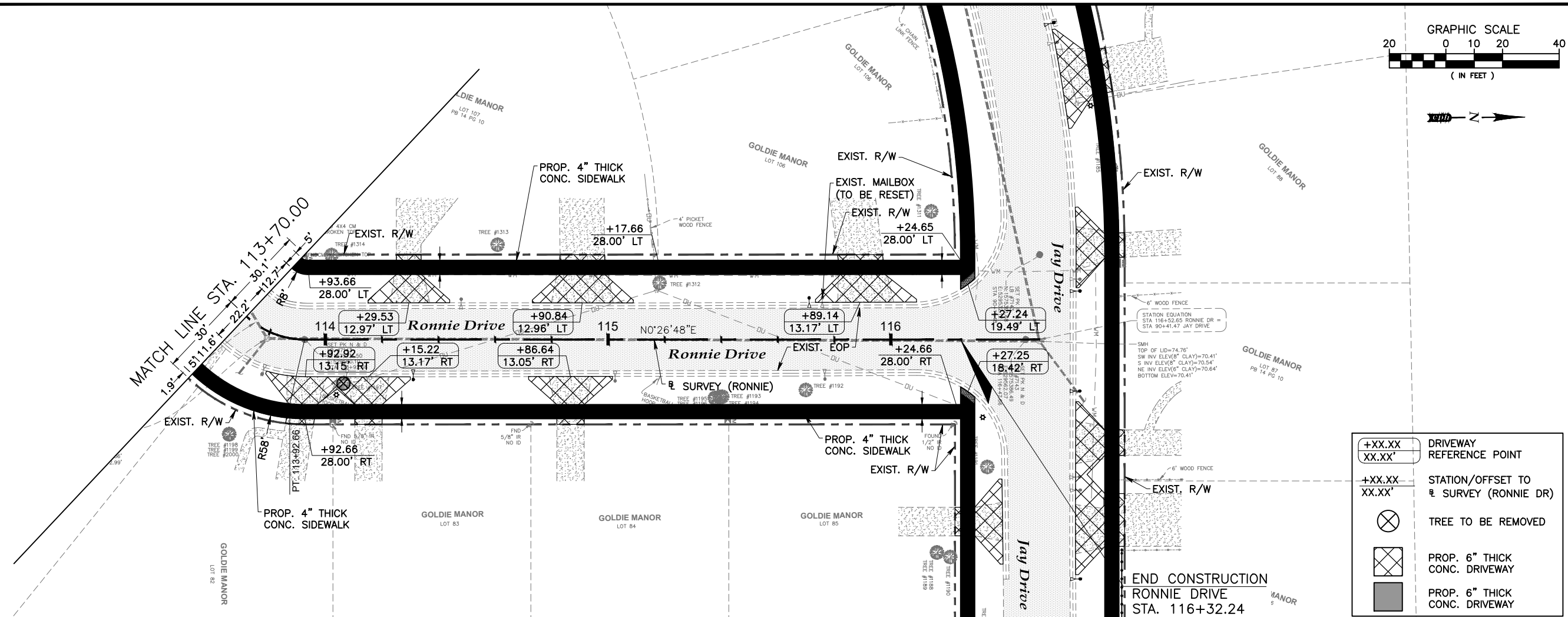
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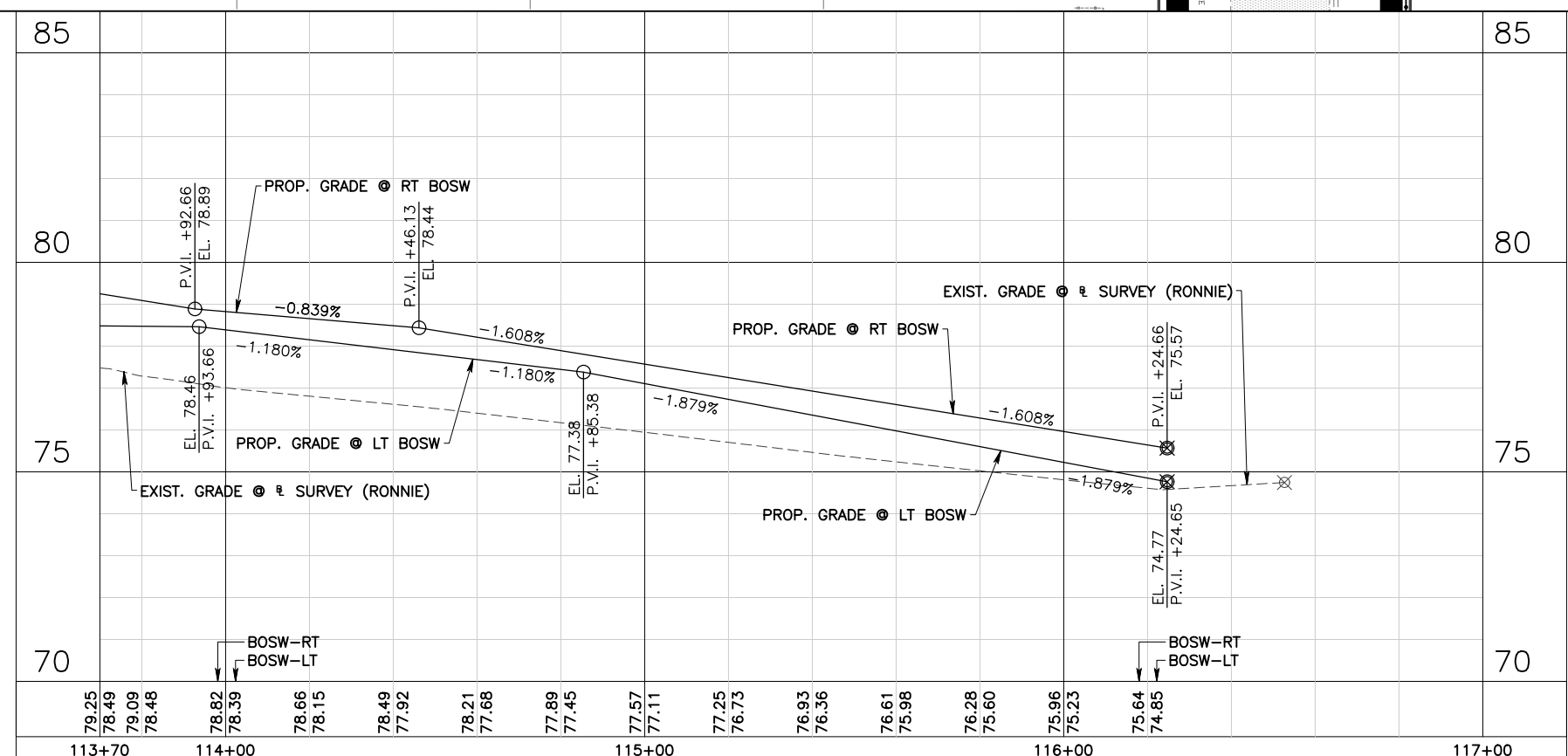


- +XX.XX
XX.XX' DRIVEWAY
REFERENCE POINT
- +XX.XX
XX.XX' STATION/OFFSET TO
SURVEY (RONNIE DR)
- ⊗ TREE TO BE REMOVED
- ▣ PROP. 6" THICK
CONC. DRIVEWAY
- PROP. 6" THICK
CONC. DRIVEWAY

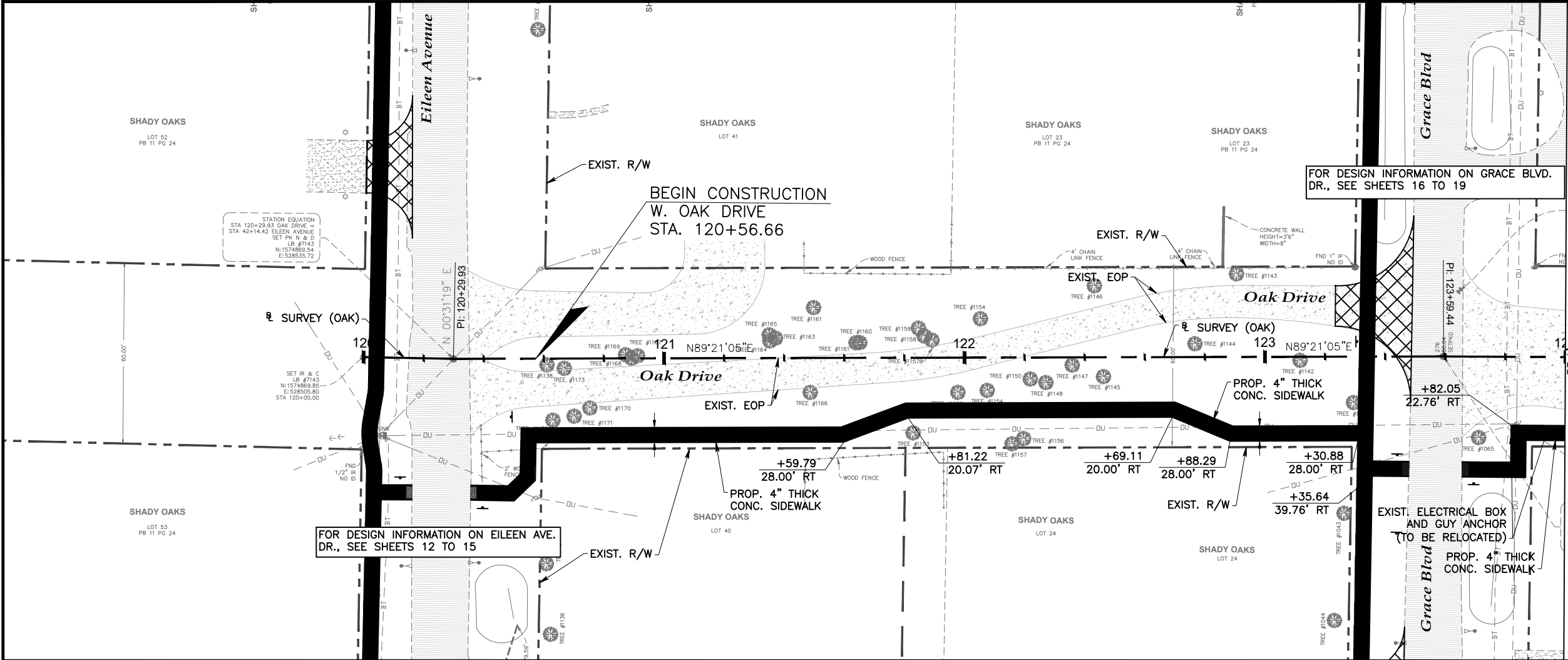




- +XX.XX
XX.XX' DRIVEWAY
REFERENCE POINT
- +XX.XX
XX.XX' STATION/OFFSET TO
℄ SURVEY (RONNIE DR)
- ⊗ TREE TO BE REMOVED
- ▤ PROP. 6" THICK
CONC. DRIVEWAY
- PROP. 6" THICK
CONC. DRIVEWAY

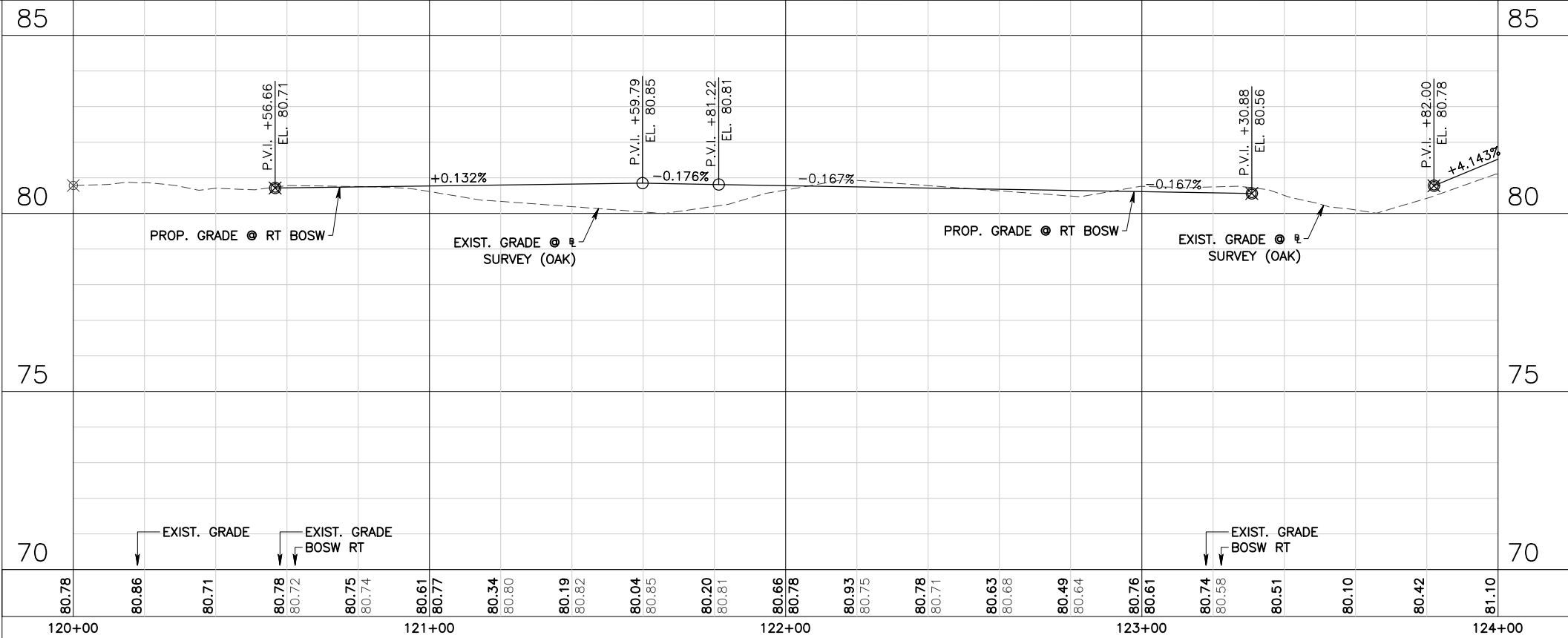


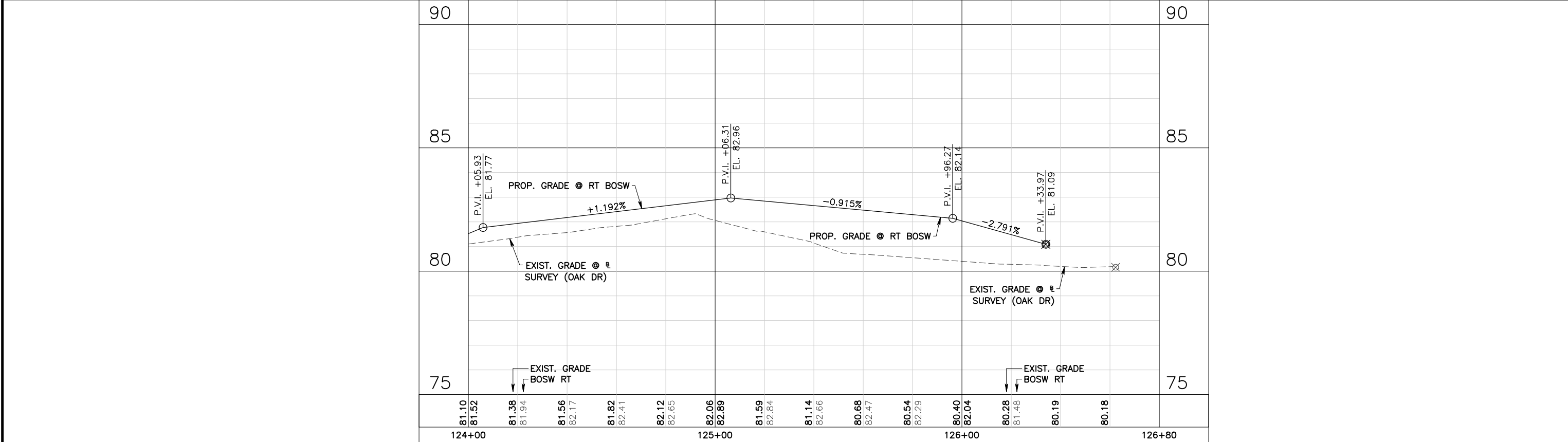
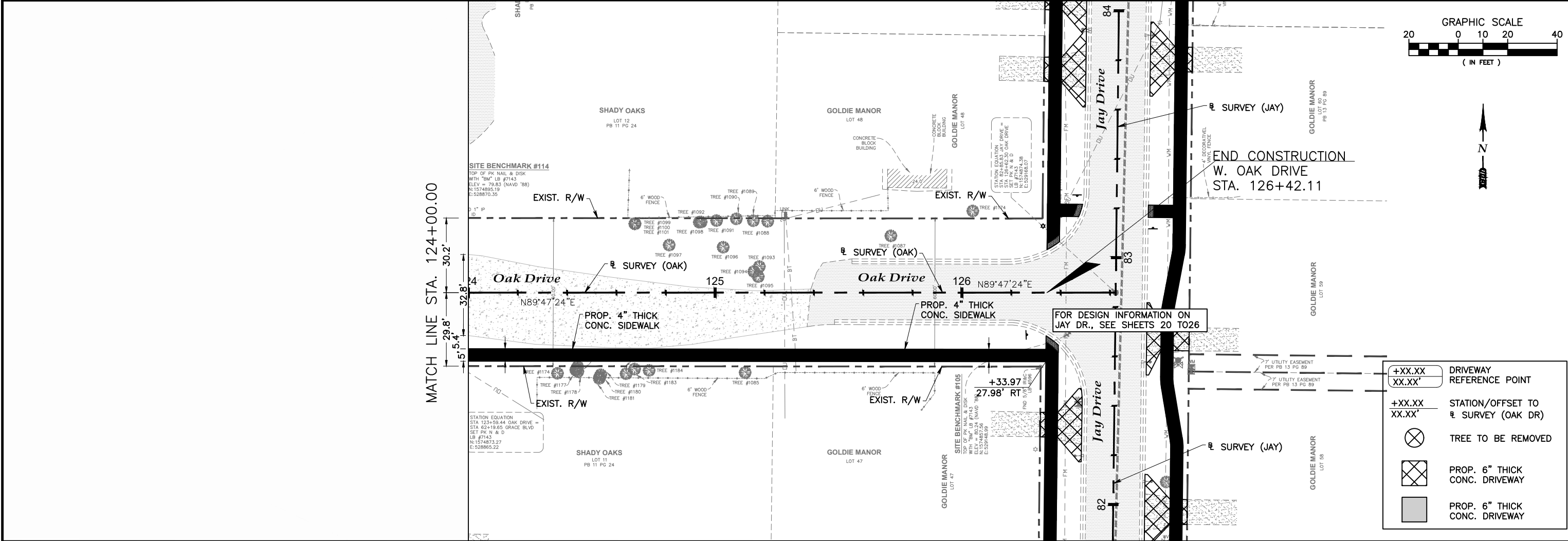
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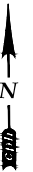
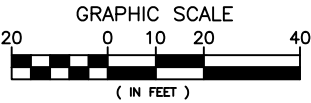
MATCH LINE STA. 124+00.00

- GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
- N
- +XX.XX
XX.XX' DRIVEWAY
REFERENCE POINT
 - +XX.XX
XX.XX' STATION/OFFSET TO
SURVEY (OAK DR)
 - ⊗ TREE TO BE REMOVED
 - ⊗ PROP. 6" THICK
CONC. DRIVEWAY
 - PROP. 6" THICK
CONC. DRIVEWAY





Drawing name: J:\50998\Roadway\Roadway\PLAN\RD06.dwg Jul 31, 2020 - 11:11am amjella



END CONSTRUCTION
E. OAK DRIVE
STA. 152+60.00

+XX.XX
XX.XX'

DRIVEWAY
REFERENCE POINT

+XX.XX
XX.XX'

STATION/OFFSET TO
SURVEY (OAK DR)

⊗

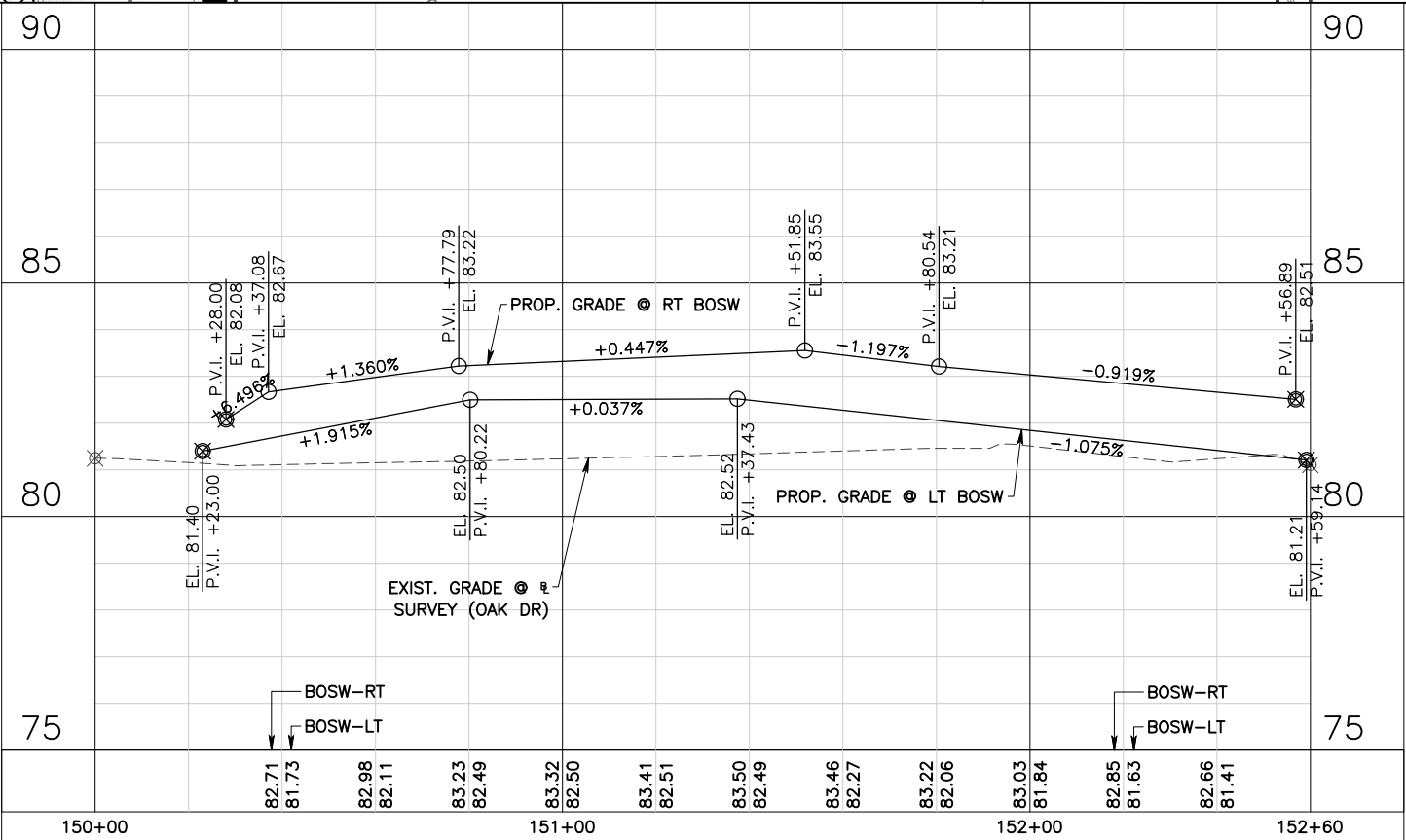
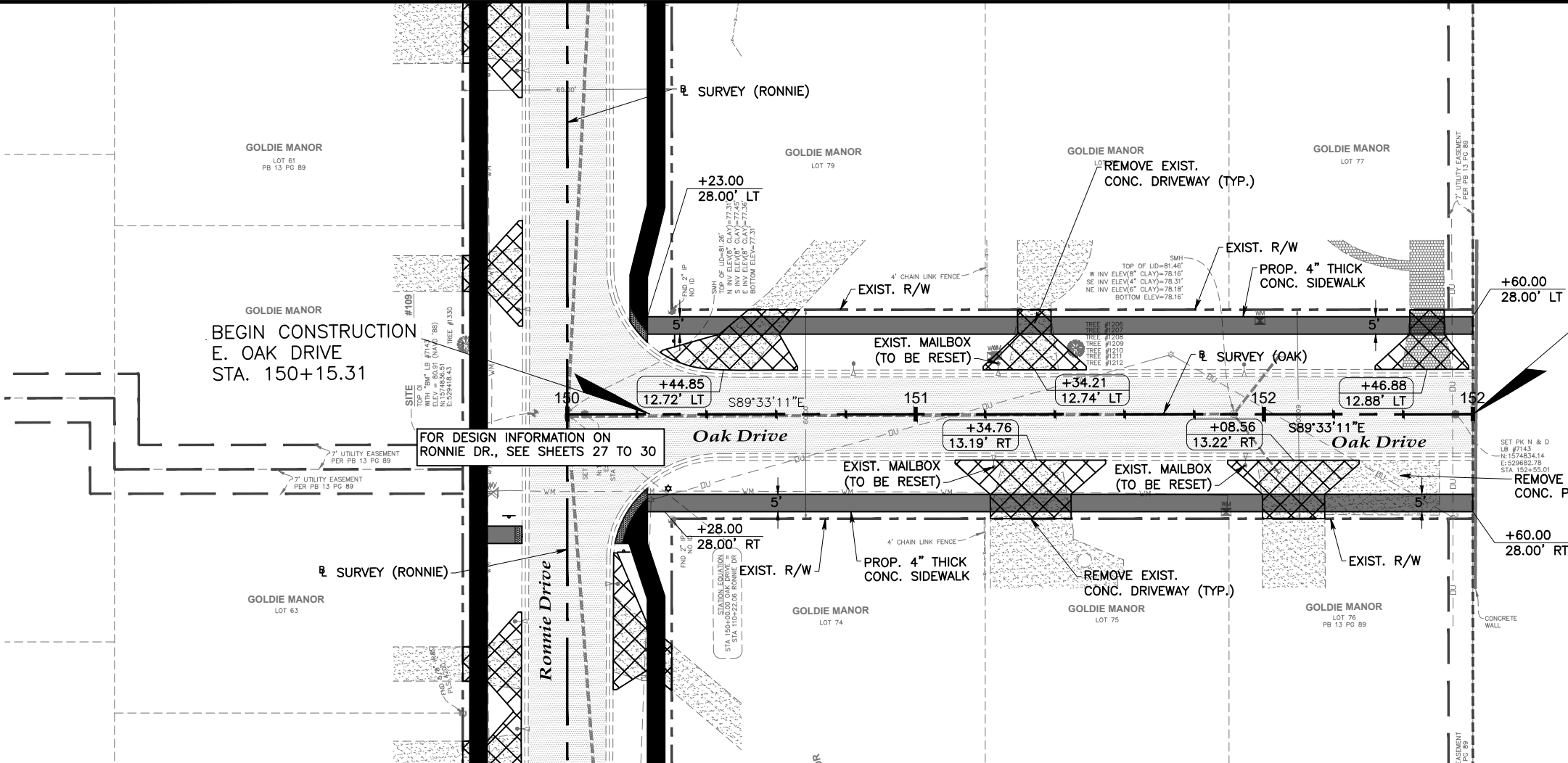
TREE TO BE REMOVED

⊠

PROP. 6" THICK
CONC. DRIVEWAY

■

PROP. 6" THICK
CONC. DRIVEWAY



No.	Date	Revision	By	No.	Date	Revision	By
1				2			
3				4			
5				6			
7				8			

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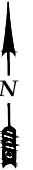
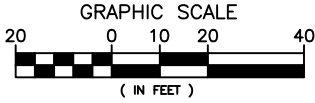
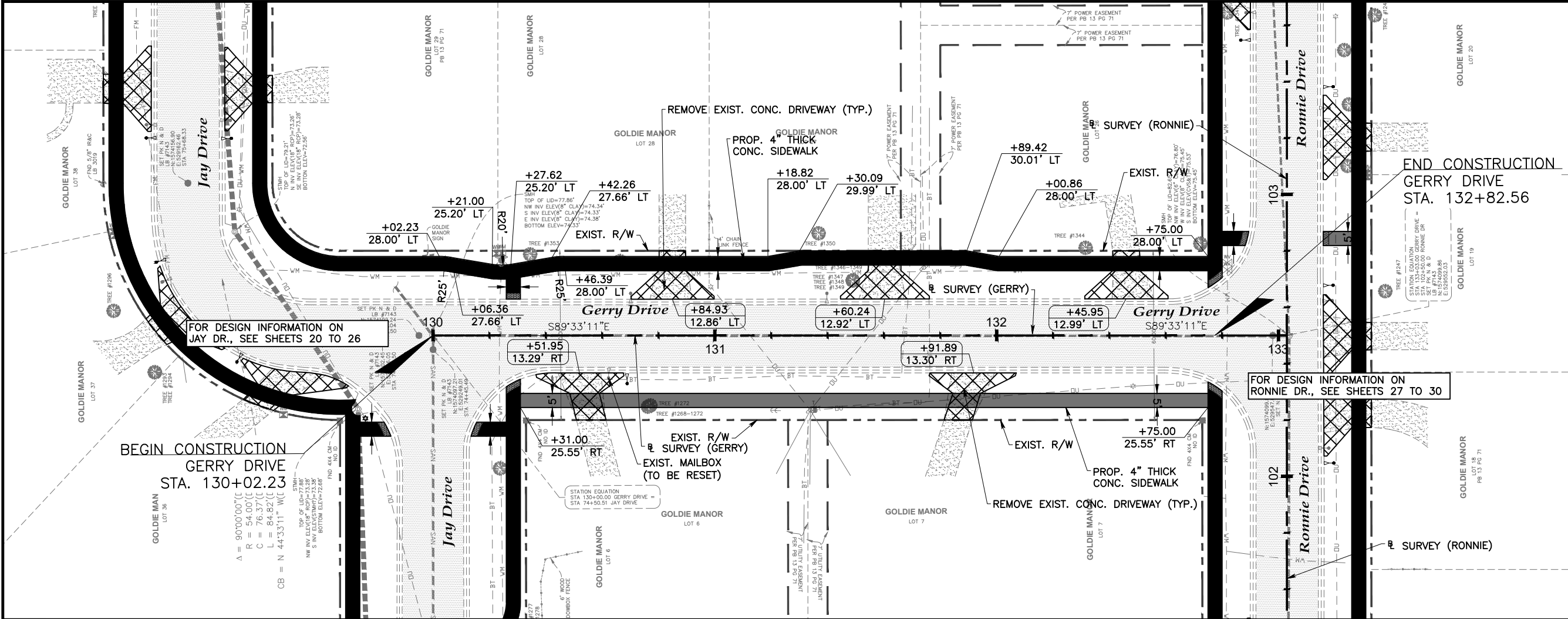
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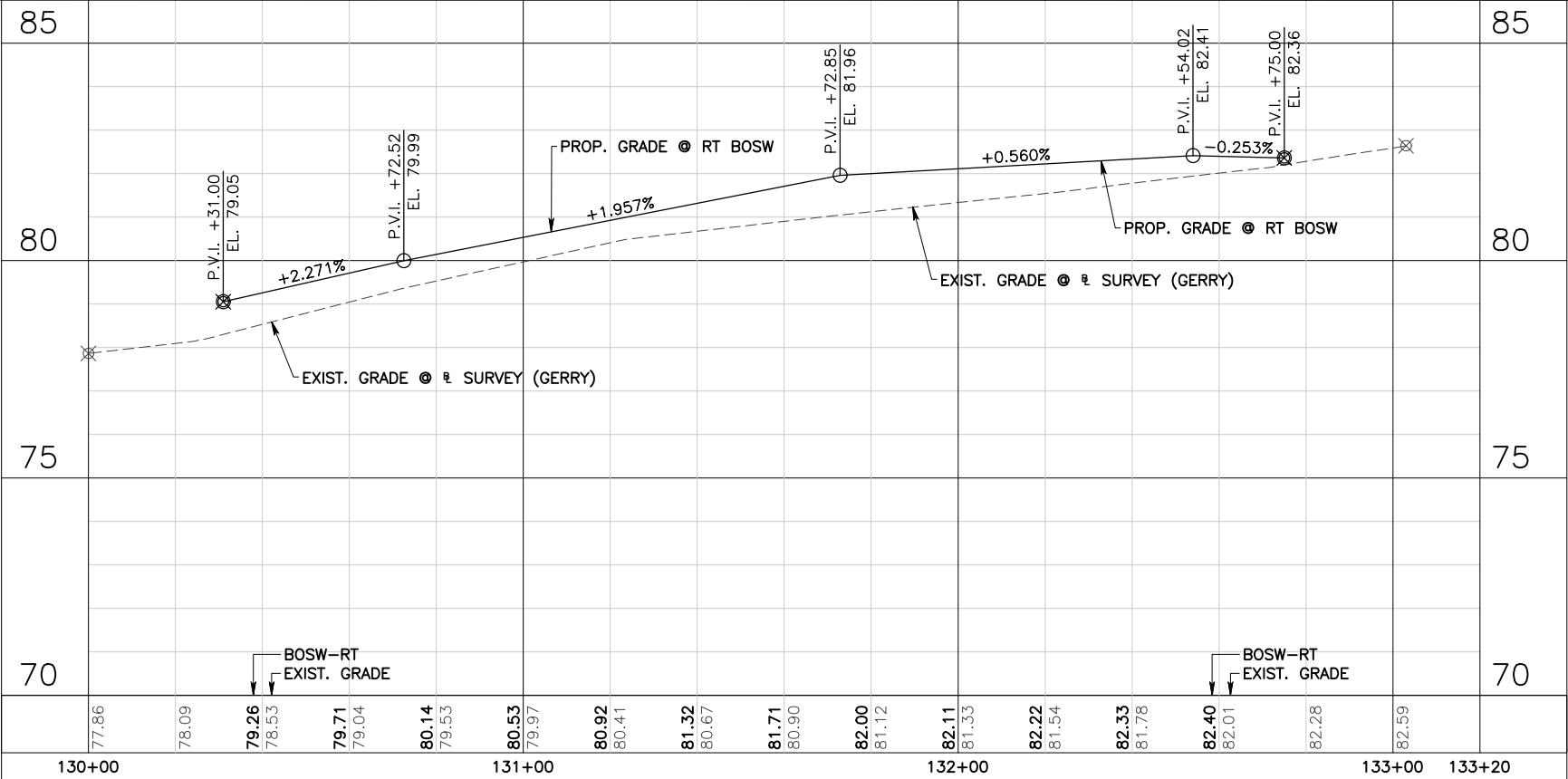
**Oak Drive
Plan and Profile**

Sheet No.
33

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- +XX.XX
XX.XX' DRIVEWAY
REFERENCE POINT
- +XX.XX
XX.XX' STATION/OFFSET TO
SURVEY (GERRY DR)
- ⊗ TREE TO BE REMOVED
- ▣ PROP. 6" THICK
CONC. DRIVEWAY
- ▣ PROP. 6" THICK
CONC. DRIVEWAY



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1				1			
2				2			
3				3			
4				4			



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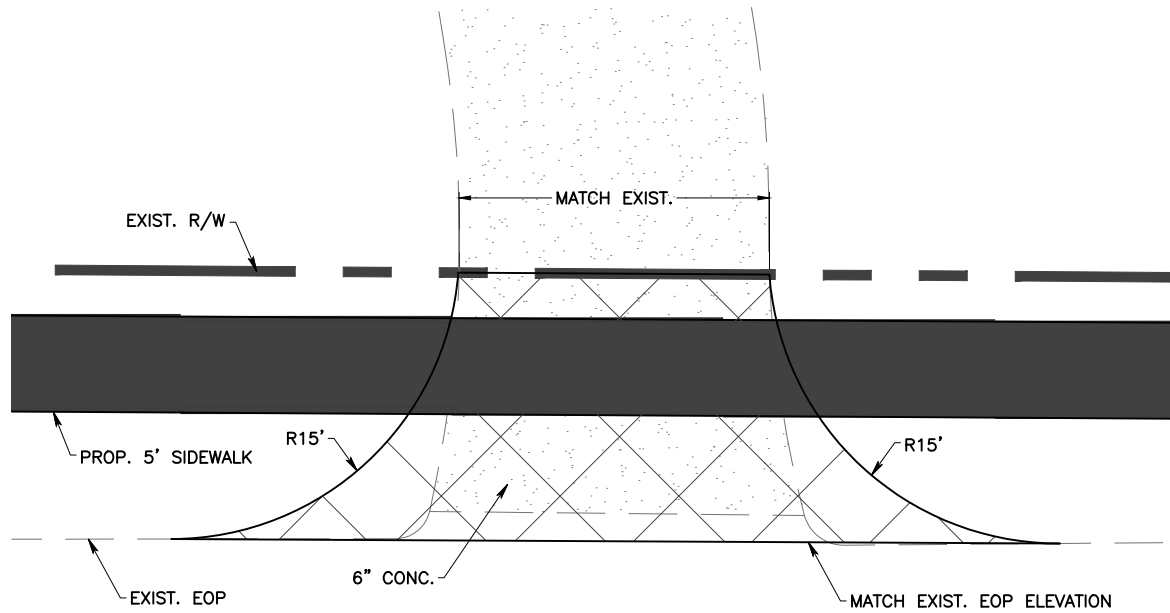
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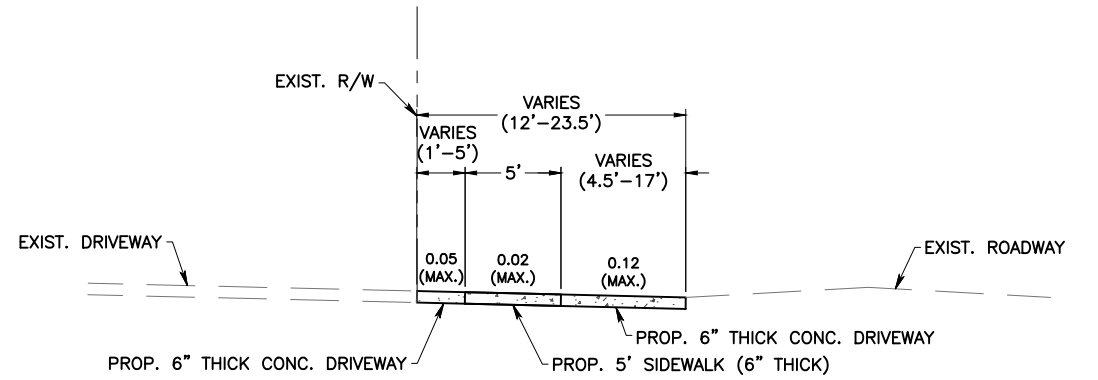
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Gerry Drive
Plan and Profile

Sheet No.
34

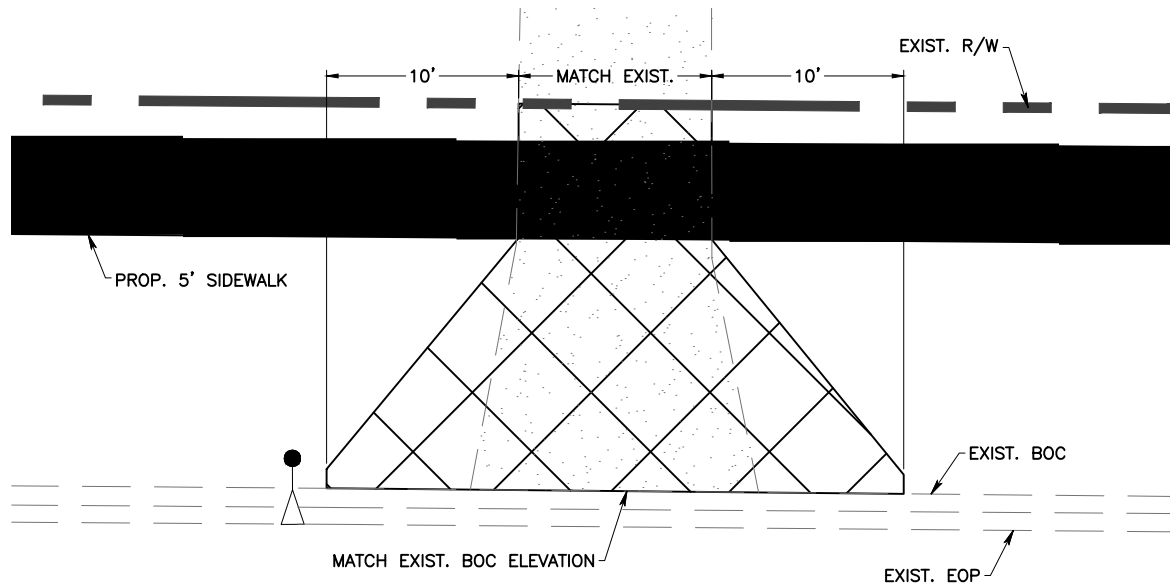


PLAN VIEW
(N.T.S)

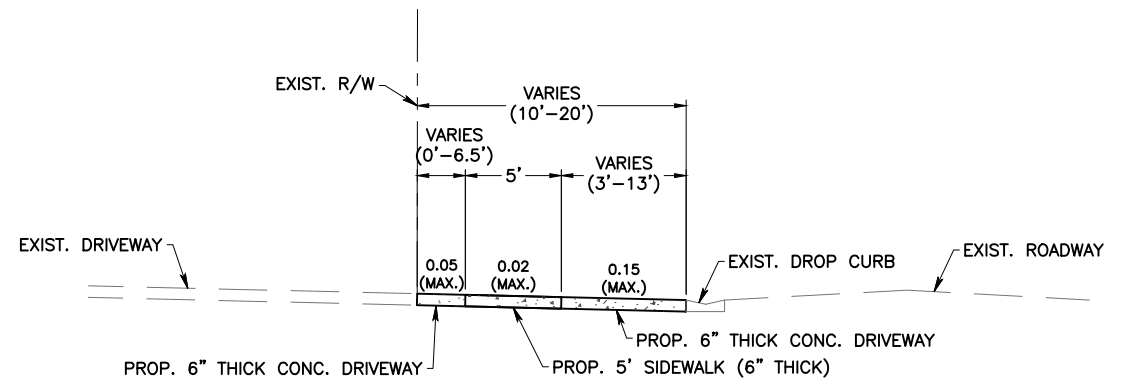


PROFILE VIEW
(N.T.S)

TYPE I DRIVEWAY DETAIL
[Frances Dr., Eileen Ave., Grace Blvd.]



PLAN VIEW
(N.T.S)



PROFILE VIEW
(N.T.S)

TYPE II DRIVEWAY DETAIL
[Jay Dr., Ronnie Dr., Gerry Dr., Oak Dr., Jay Ct., & Joanne Ct.]

Drawing name: J:\S0998\Roadway\Roadway\OTL\FD01.dwg, Jul 31, 2020 - 11:12am amjella

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1				1			
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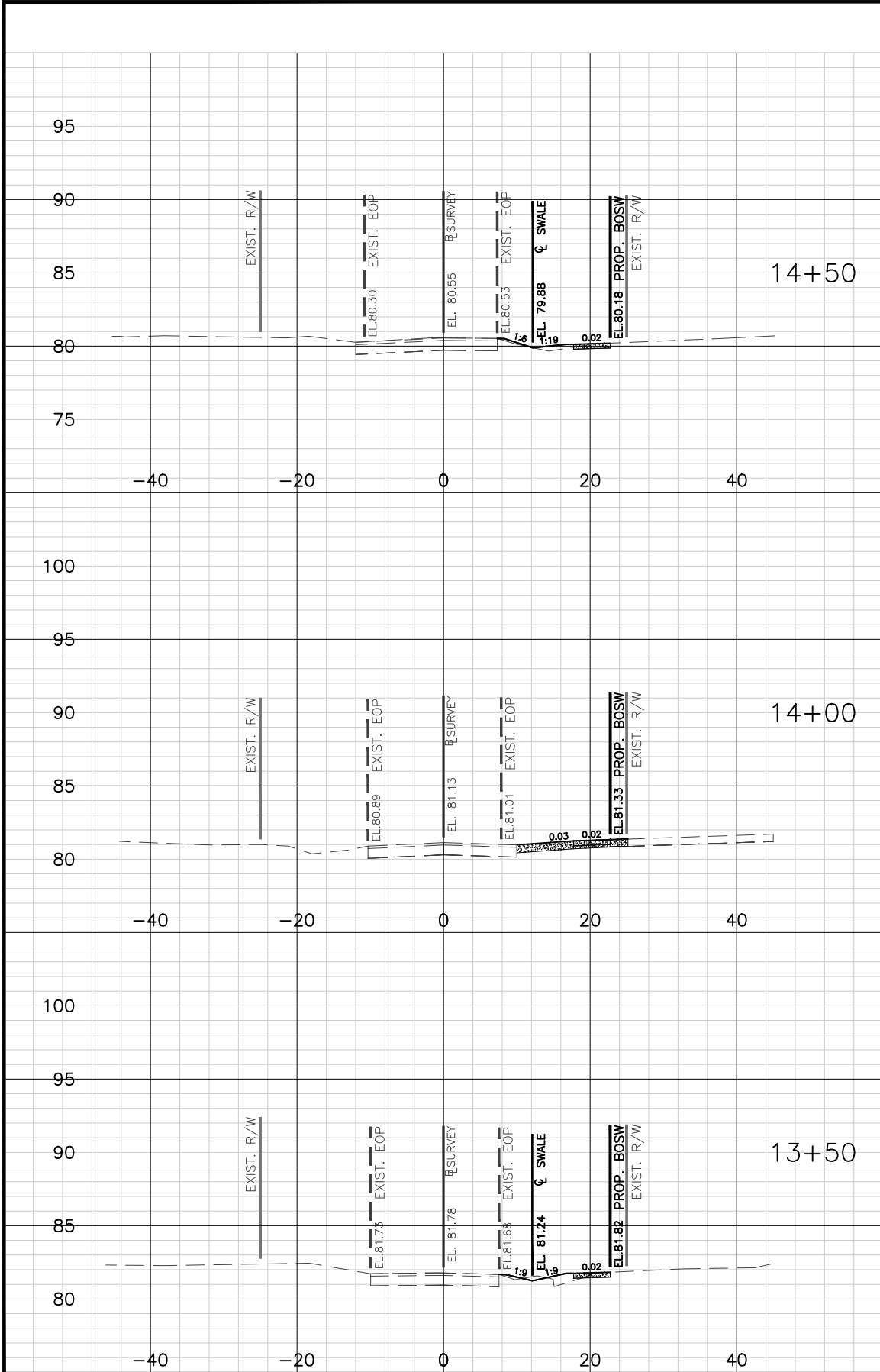
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Typical Driveway
Detail Sheet

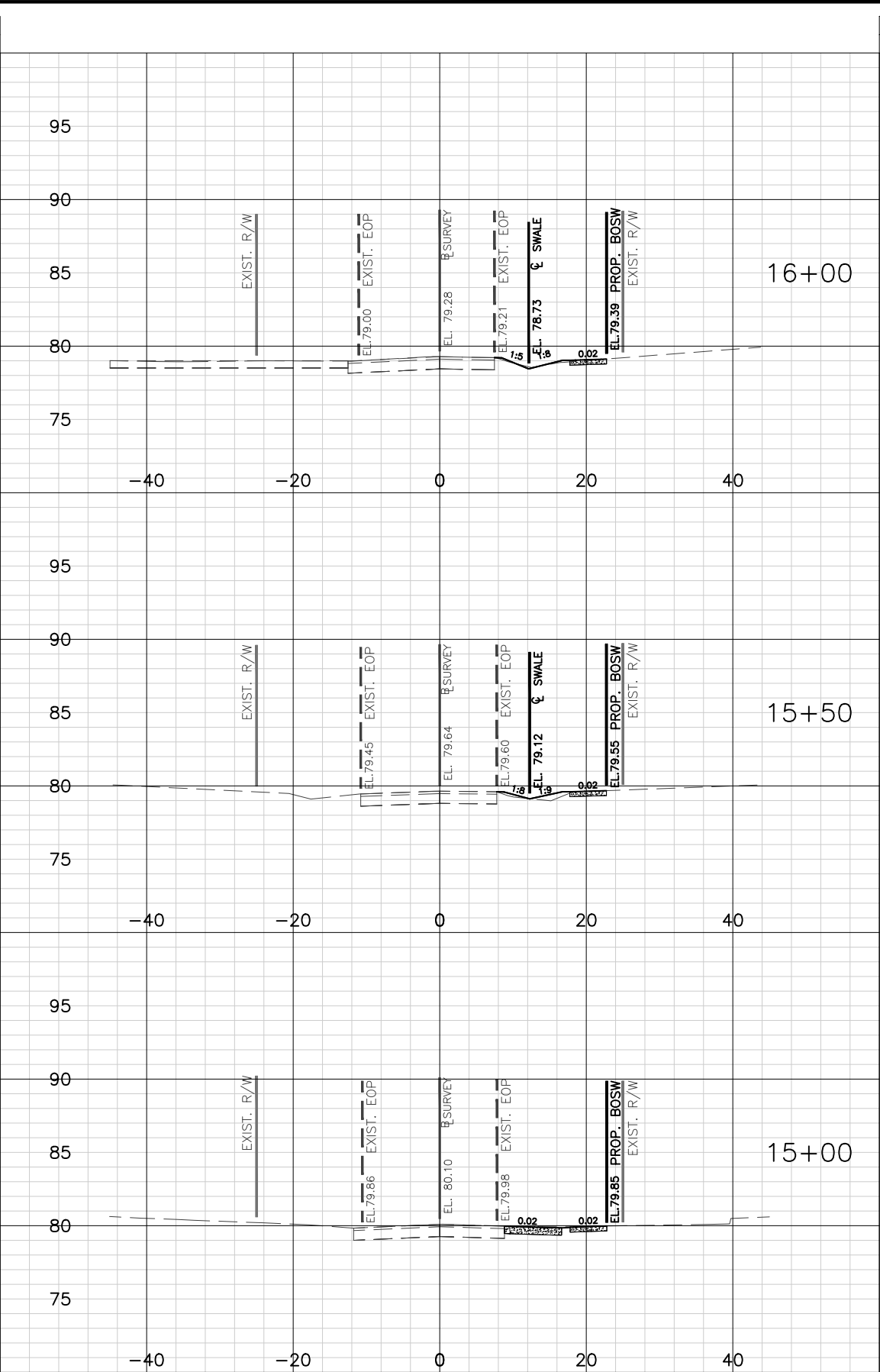
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SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
7			0	
	7			2
1			2	
	7			2
7			0	
	27			0
41			4	



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
5			0	
	5			3
0			4	
	2			5
2			1	
	8			1
15			9	

No.	Date	Revision	By	No.	Date	Revision	By
△				△			
△				△			
△				△			
△				△			



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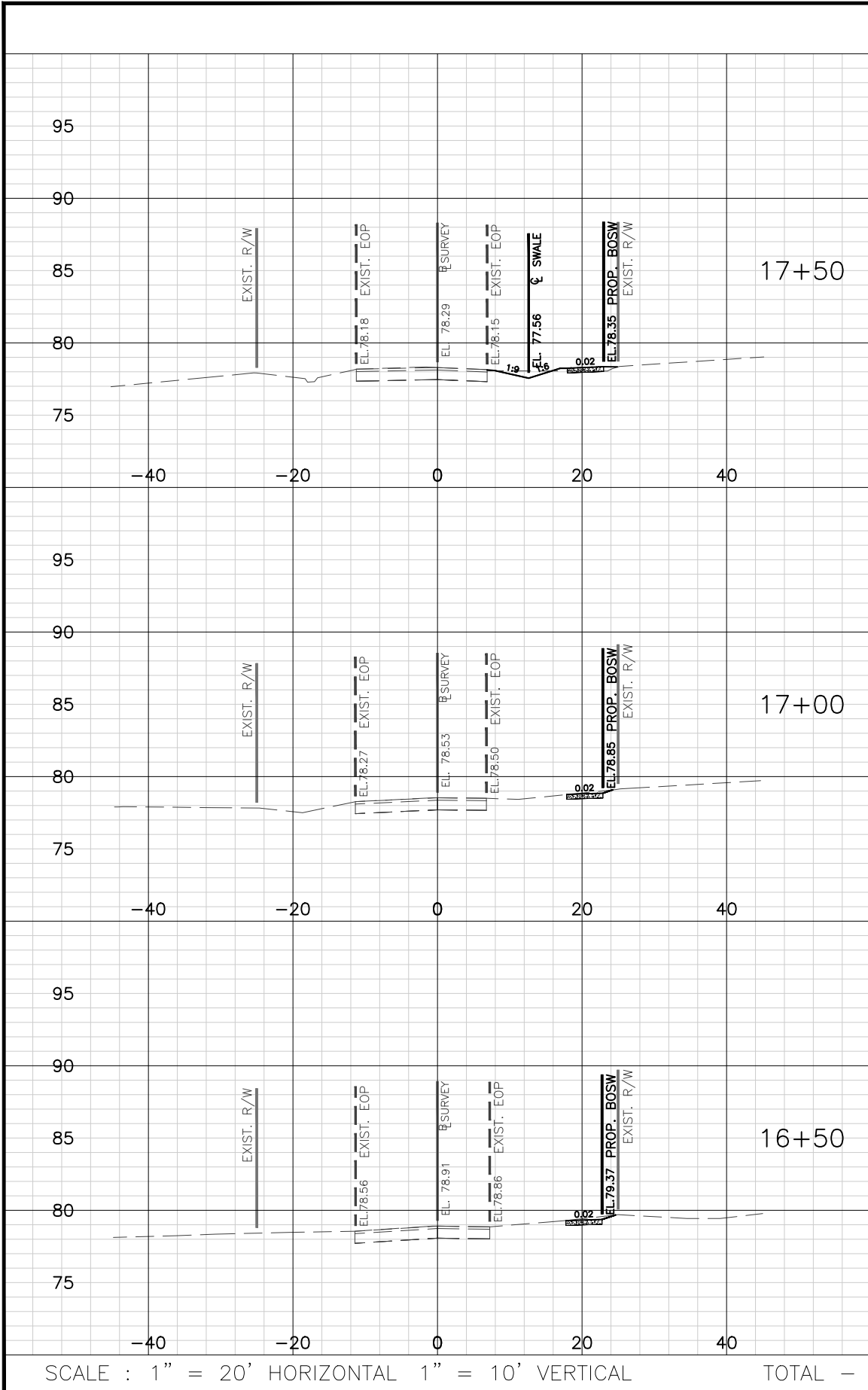
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Cross Section
Frances Dr

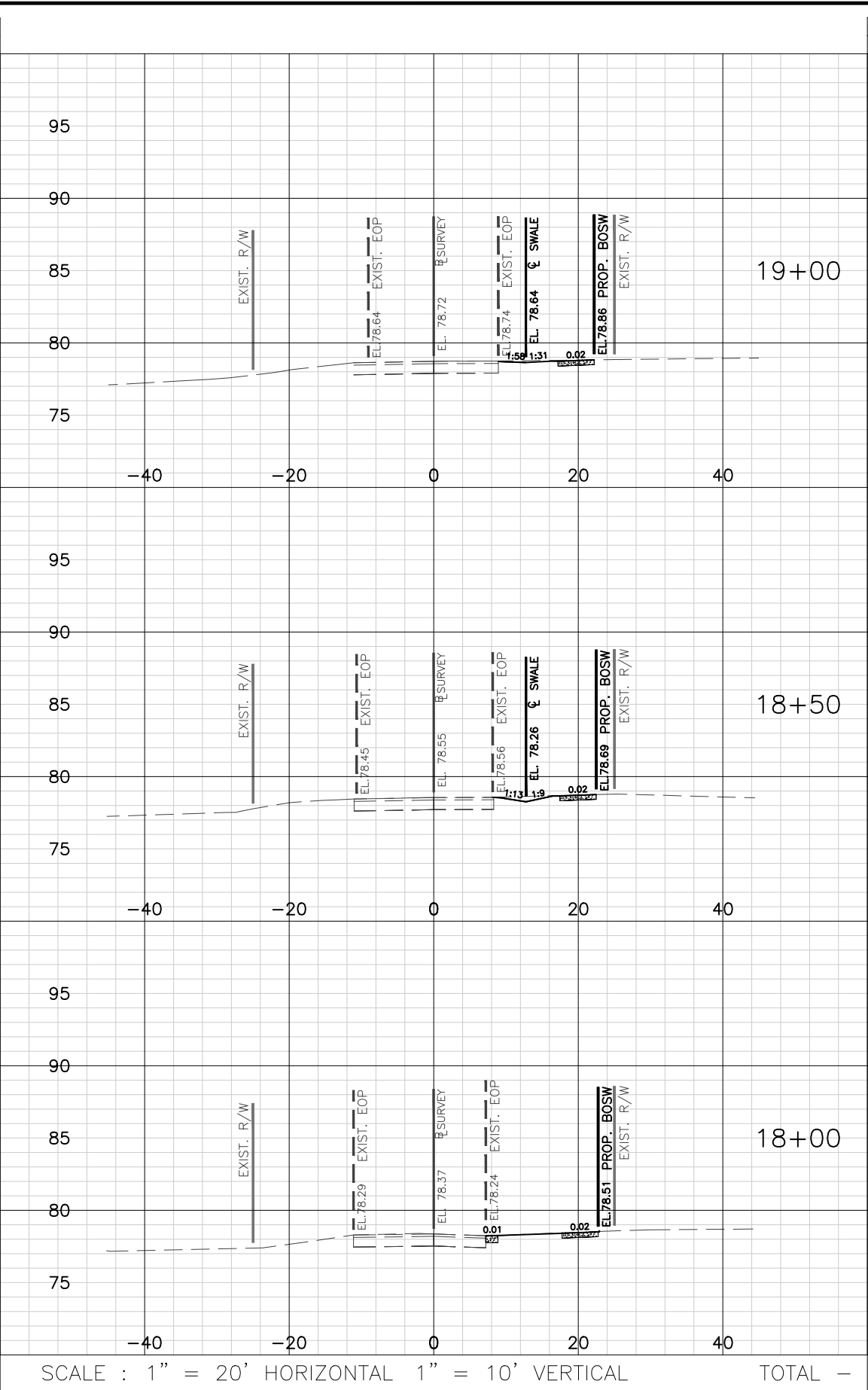
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SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.		Embankment	
A	V	A	V	A	V
8				0	
			10		1
3			7	1	1
4			9	0	0
26				2	



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.		Embankment	
A	V	A	V	A	V
5				0	
			6		0
2			5	0	0
3			10	0	0
21				0	

No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
4				4			
5				5			



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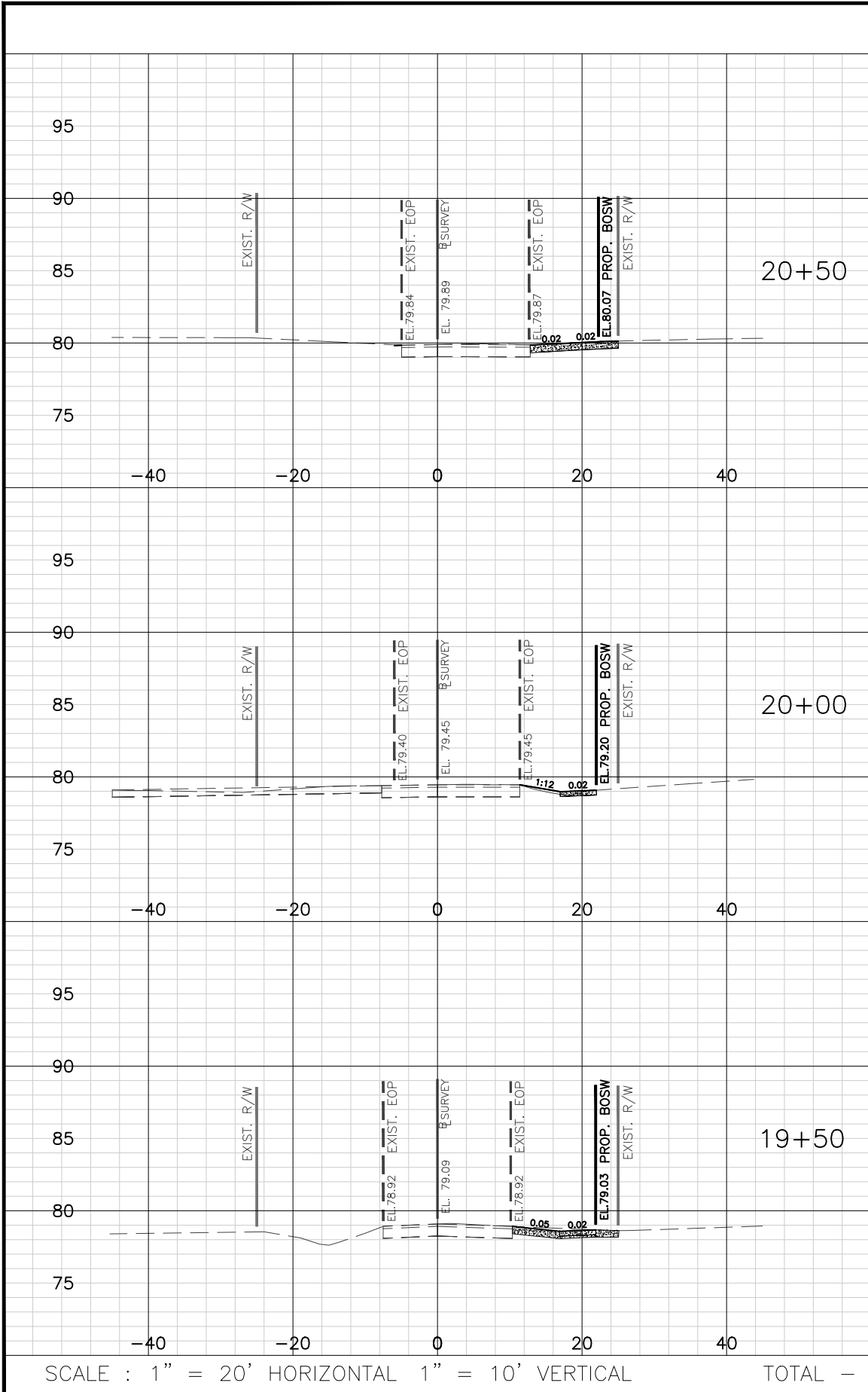
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FL P.E. No. 88718

Cross Section
Frances Dr

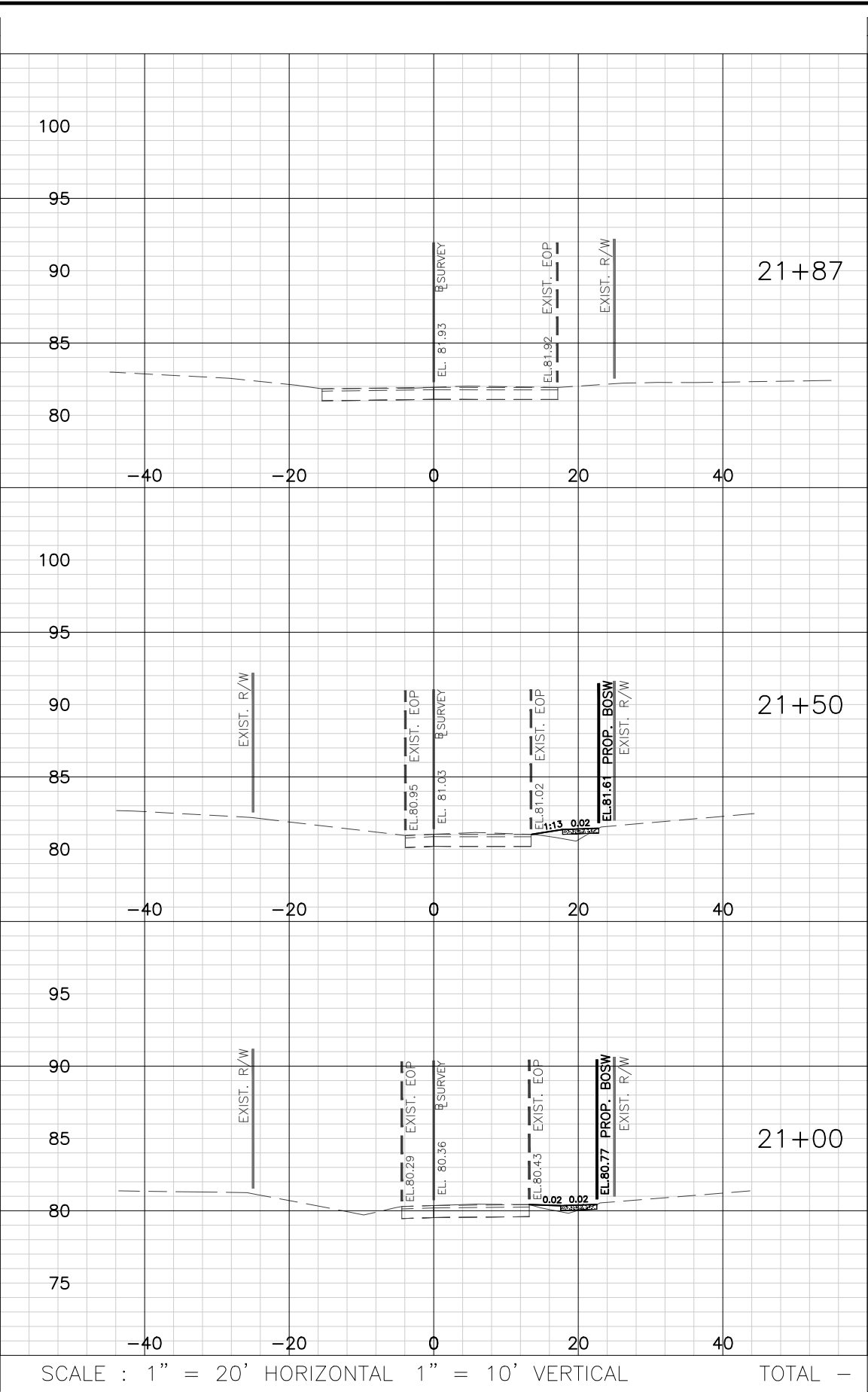
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38

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SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V	A	V	
0	7	4	4	
8	8	0	2	
1	5	2	2	
20		8		



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V	A	V	
0	0	1	2	
0	0	5	8	
0		10		

No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
4				4			
5				5			



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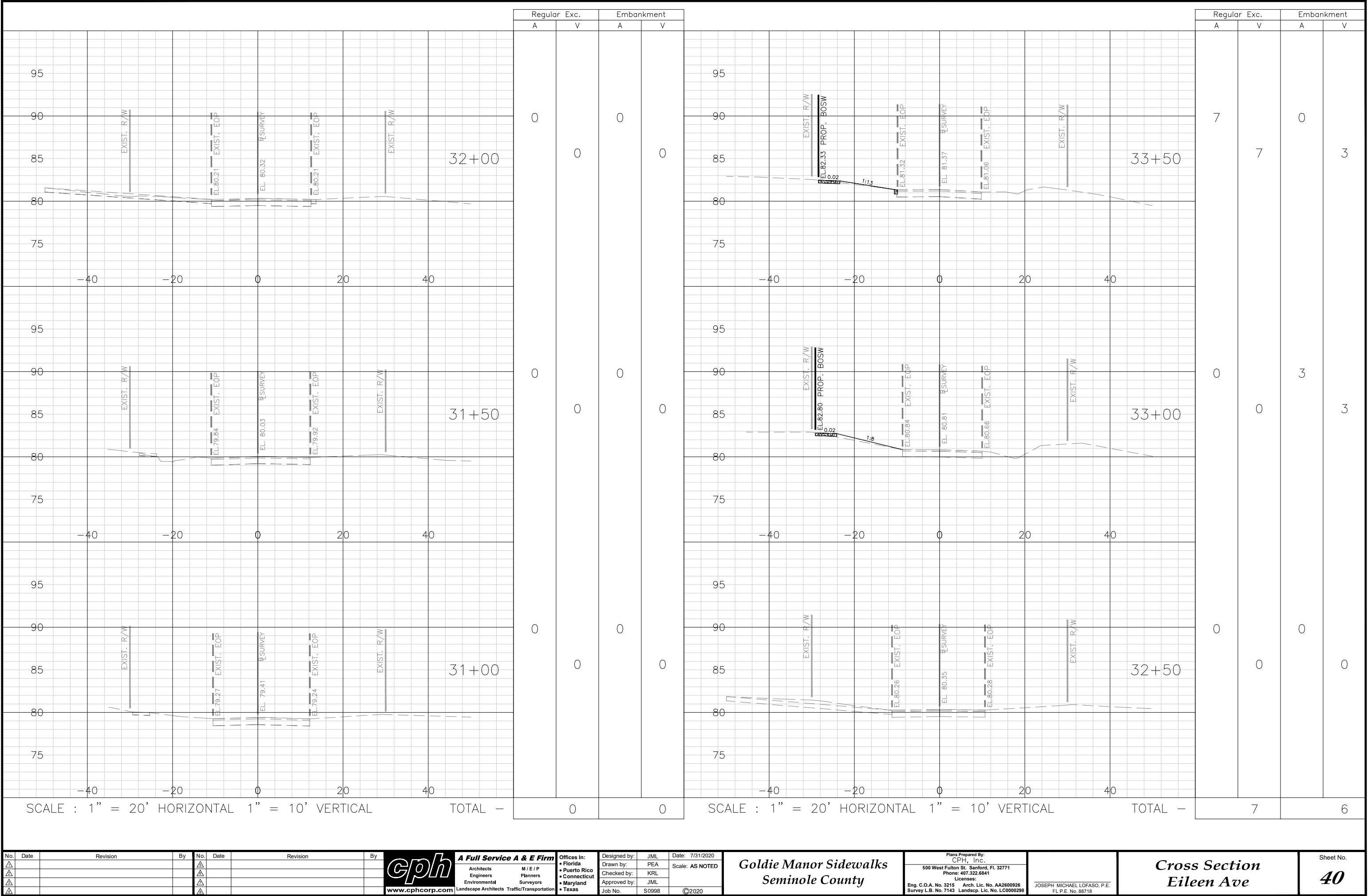
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Cross Section
Frances Dr

Sheet No.
39

Drawing name: J:\50998\Roadway\Roadway\RD\SURD01_EILEEN - Static.dwg, Jul 31, 2020, 11:35am angela



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3				3			
4				4			



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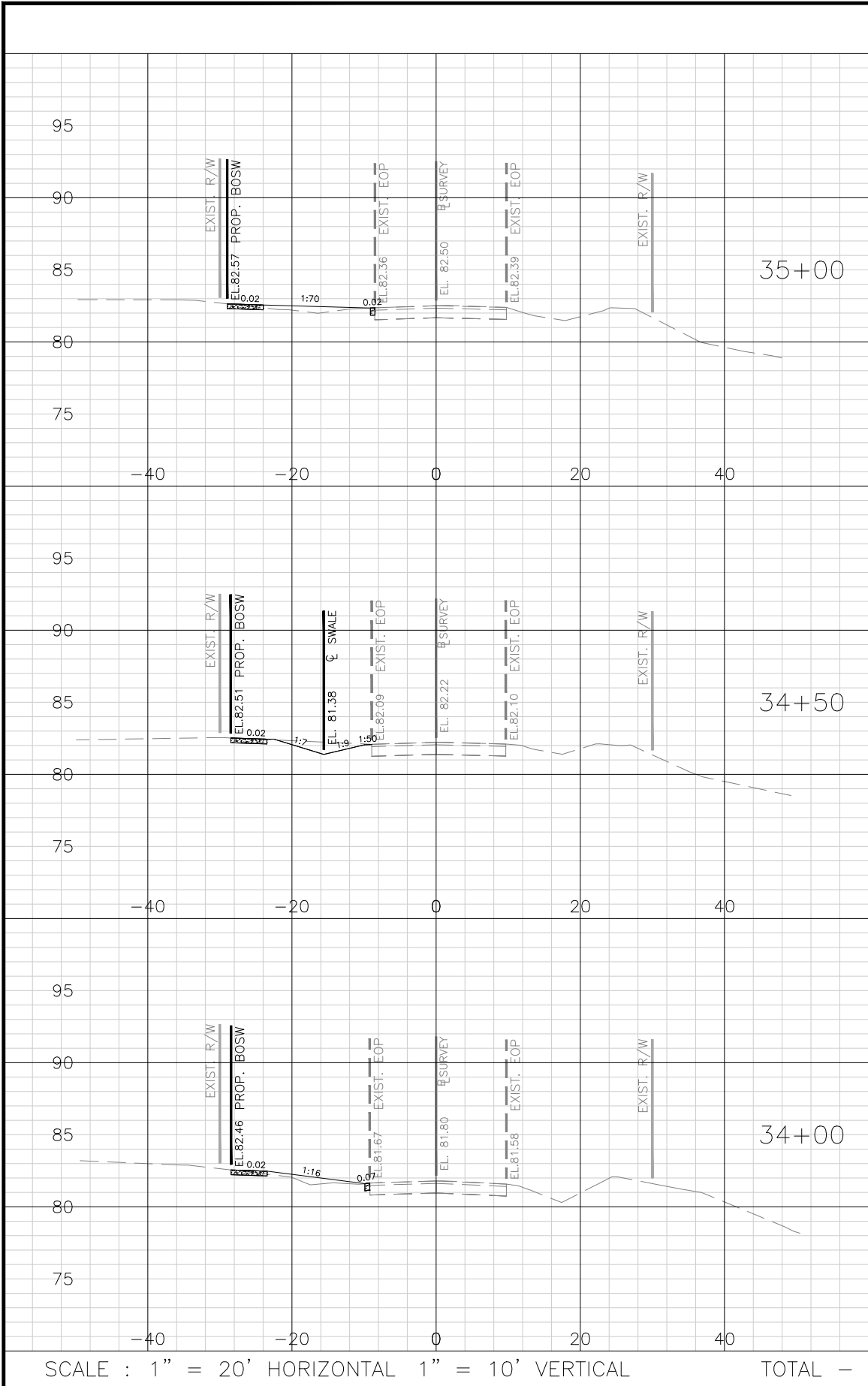
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Cross Section
Eileen Ave

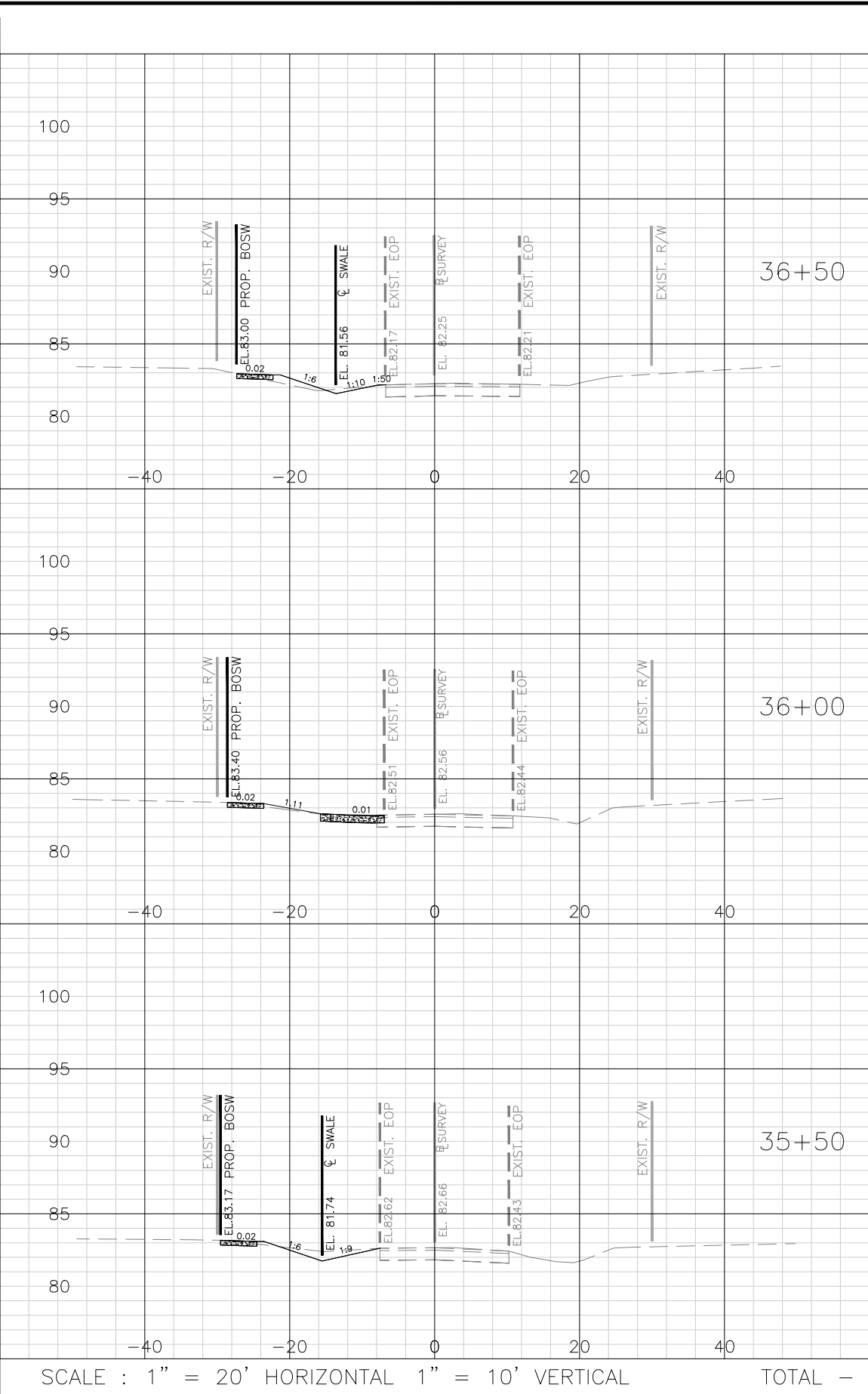
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40

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SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
7			0	
	13			0
6			0	
	10			0
9			0	
	20			0
43			0	



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
1			4	
	9			4
9			0	
	13			1
5			1	
	12			1
34			6	

No.	Date	Revision	By	No.	Date	Revision	By
△				△			
△				△			
△				△			
△				△			



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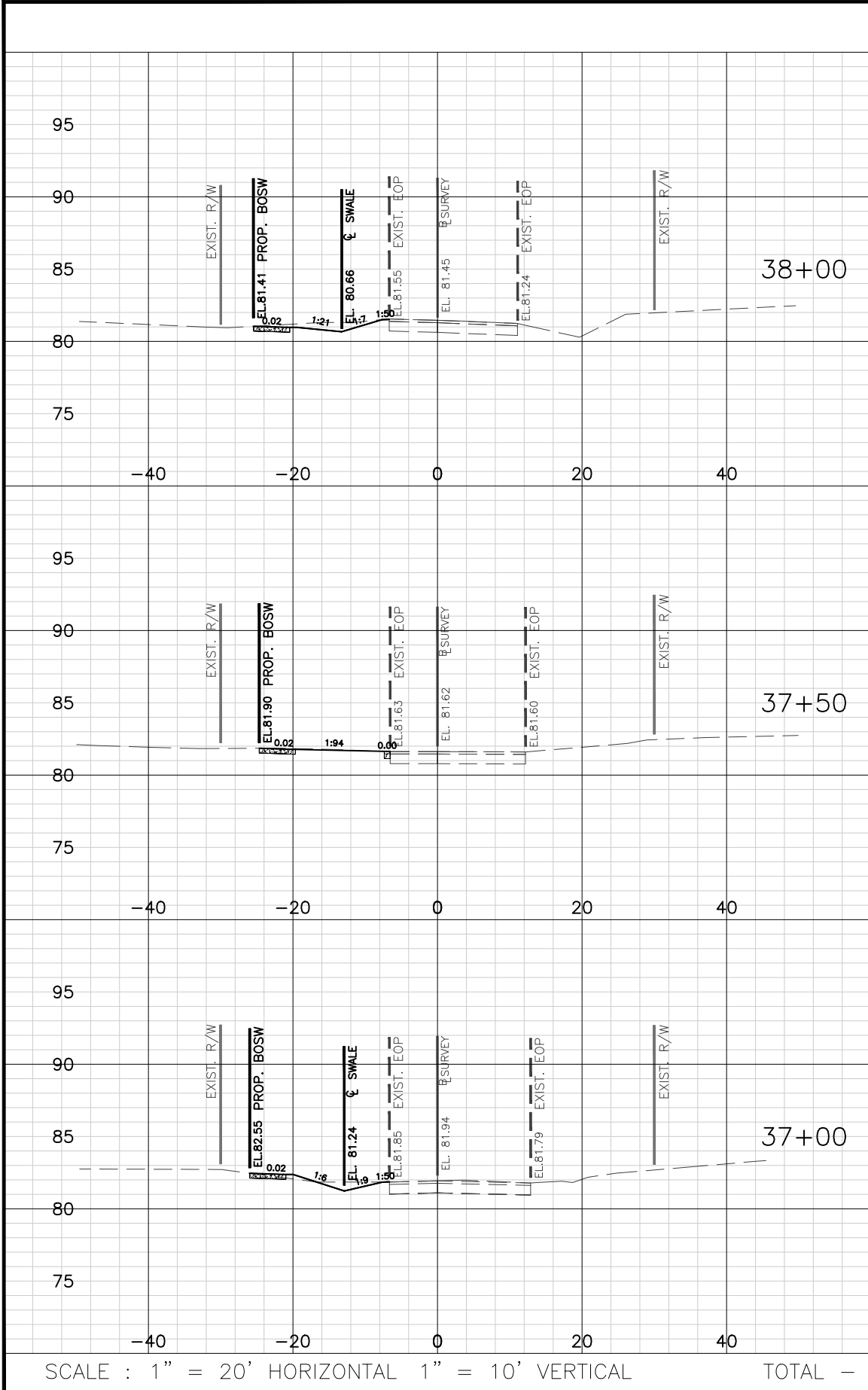
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FL P.E. No. 88718

Cross Section
Eileen Ave

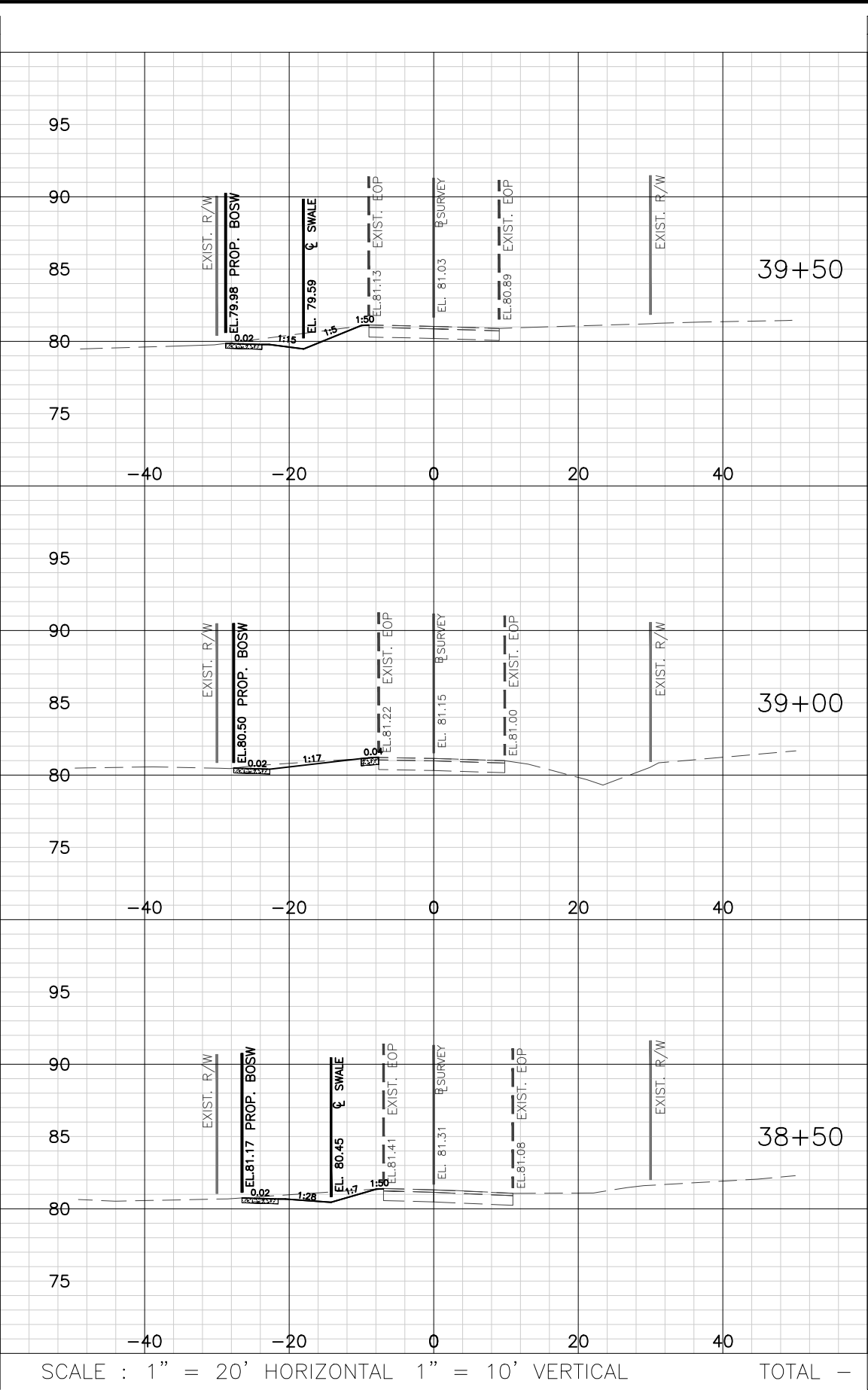
Sheet No.
41

Drawing Name: J:\S0998\Roadway\Roadway\RDSESRD01_ELEEN - Static.dwg, Jul 31, 2020, 11:35am anjlla



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.		Embankment	
A	V	A	V	A	V
4	11	1	1		
9	11	0	2		
3	4	2	5		
26		8			



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.		Embankment	
A	V	A	V	A	V
8	19	0	0		
12	15	0	1		
4	7	2	2		
41		3			

No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
4				4			



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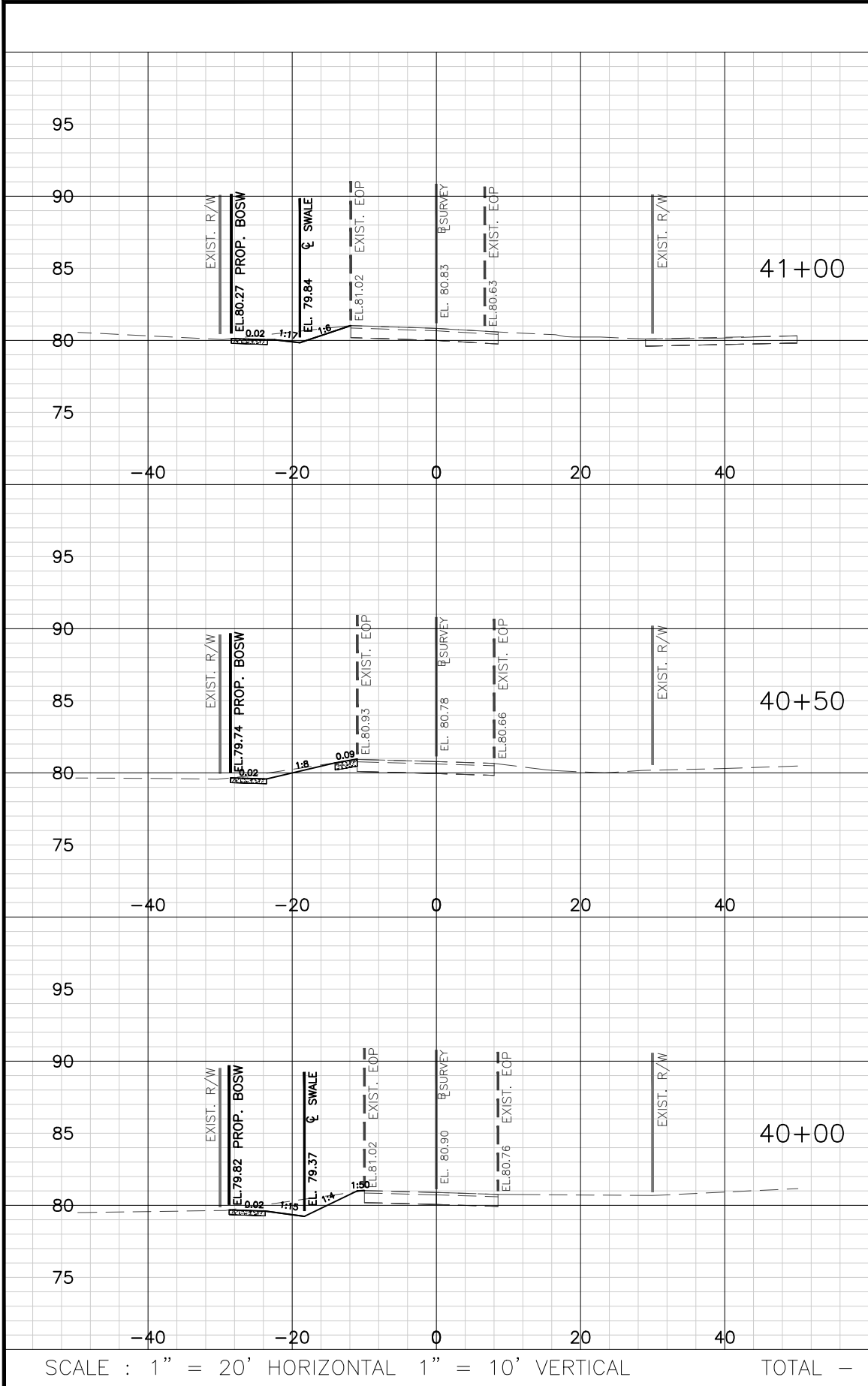
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Cross Section
Eileen Ave

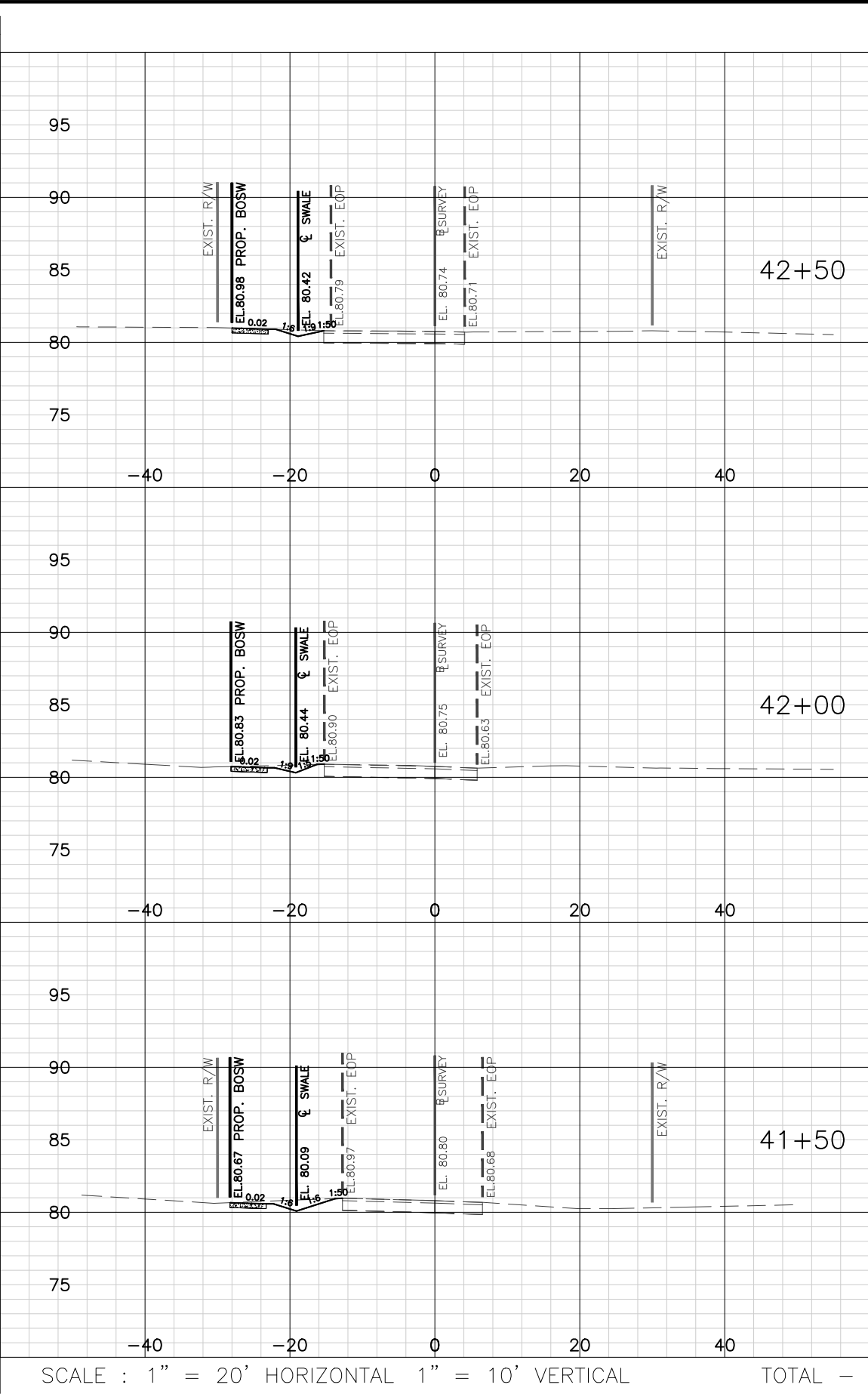
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42

Drawing Name: J:\S0998\Roadway\Roadway\RDXS001_EILEEN - Static.dwg, Jul 31, 2020, 11:35am anajla



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
6	14		0	0
9	16		0	0
8	15		0	0
45			0	



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
2	4		0	0
2	7		0	0
5	10		0	0
21			0	

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△				△			
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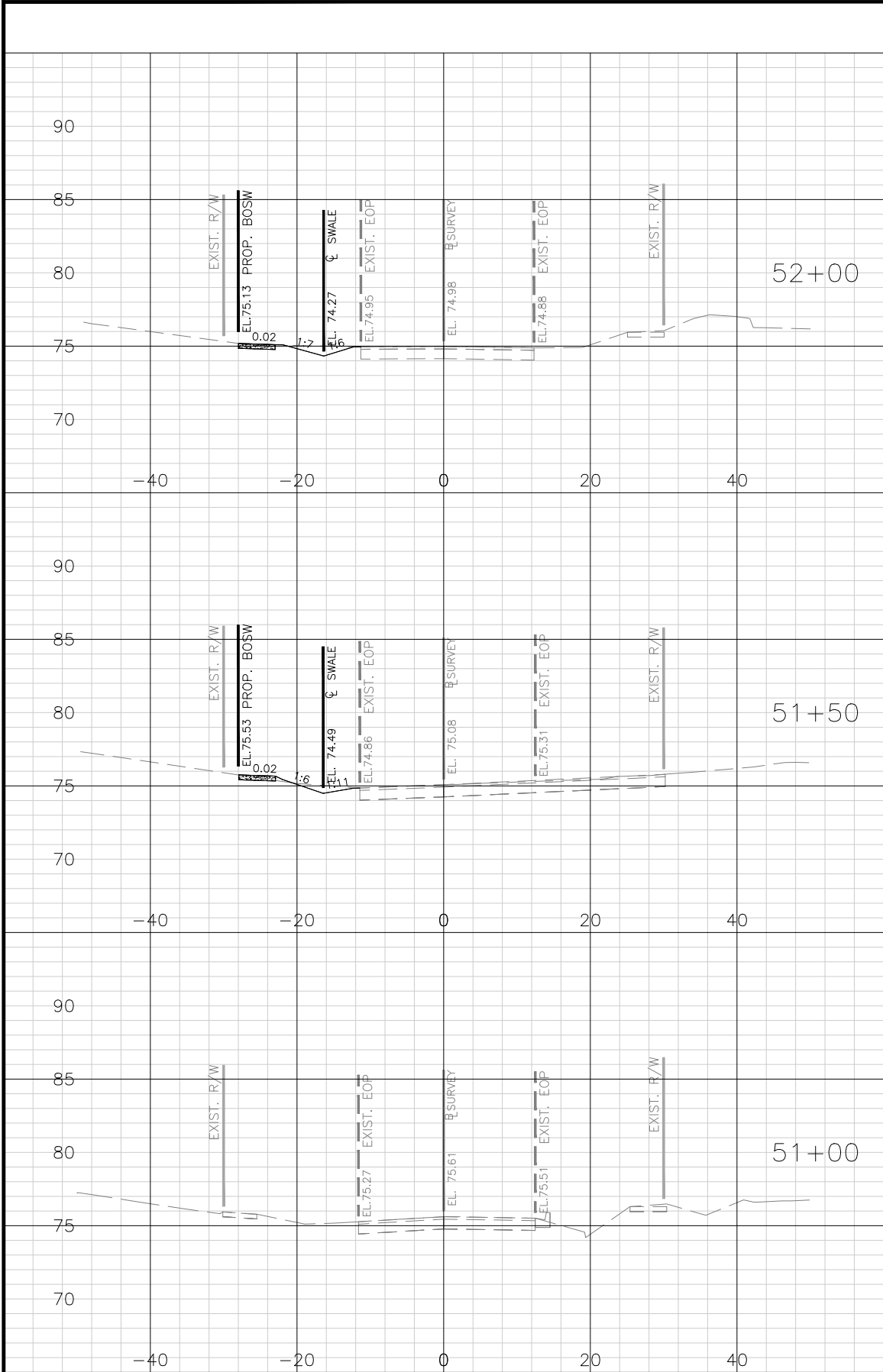
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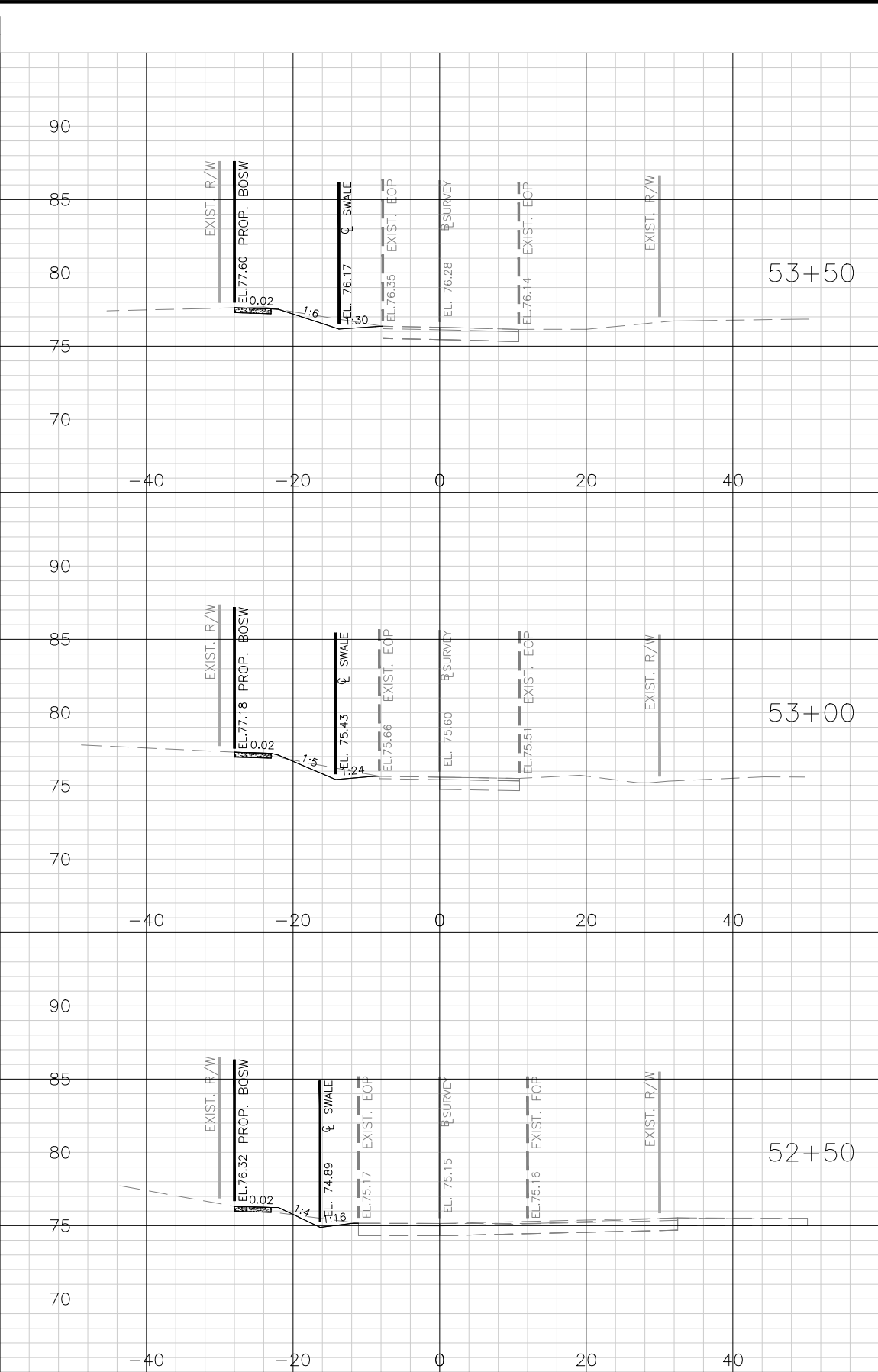
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43

Drawing Name: J:\S0998\Roadway\Roadway\RD\S098D01_Grace - Static.dwg, Jul 31, 2020, 11:35am anjella



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
5	8		0	0
4	3		0	0
0	0		0	0
11			0	



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
6	11		0	0
6	8		0	1
3	7		1	1
26			2	

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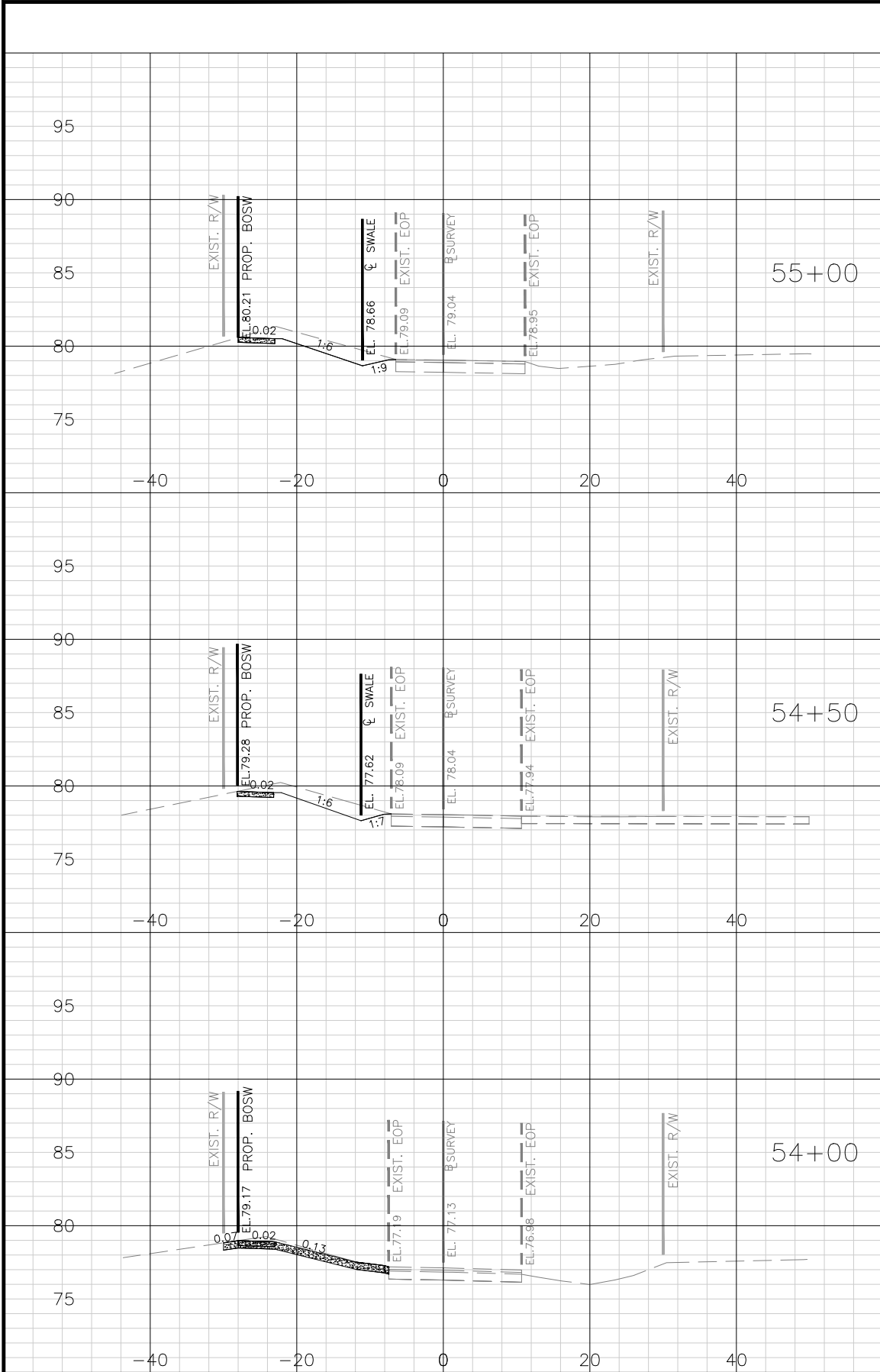
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Grace Blvd

Sheet No.
46

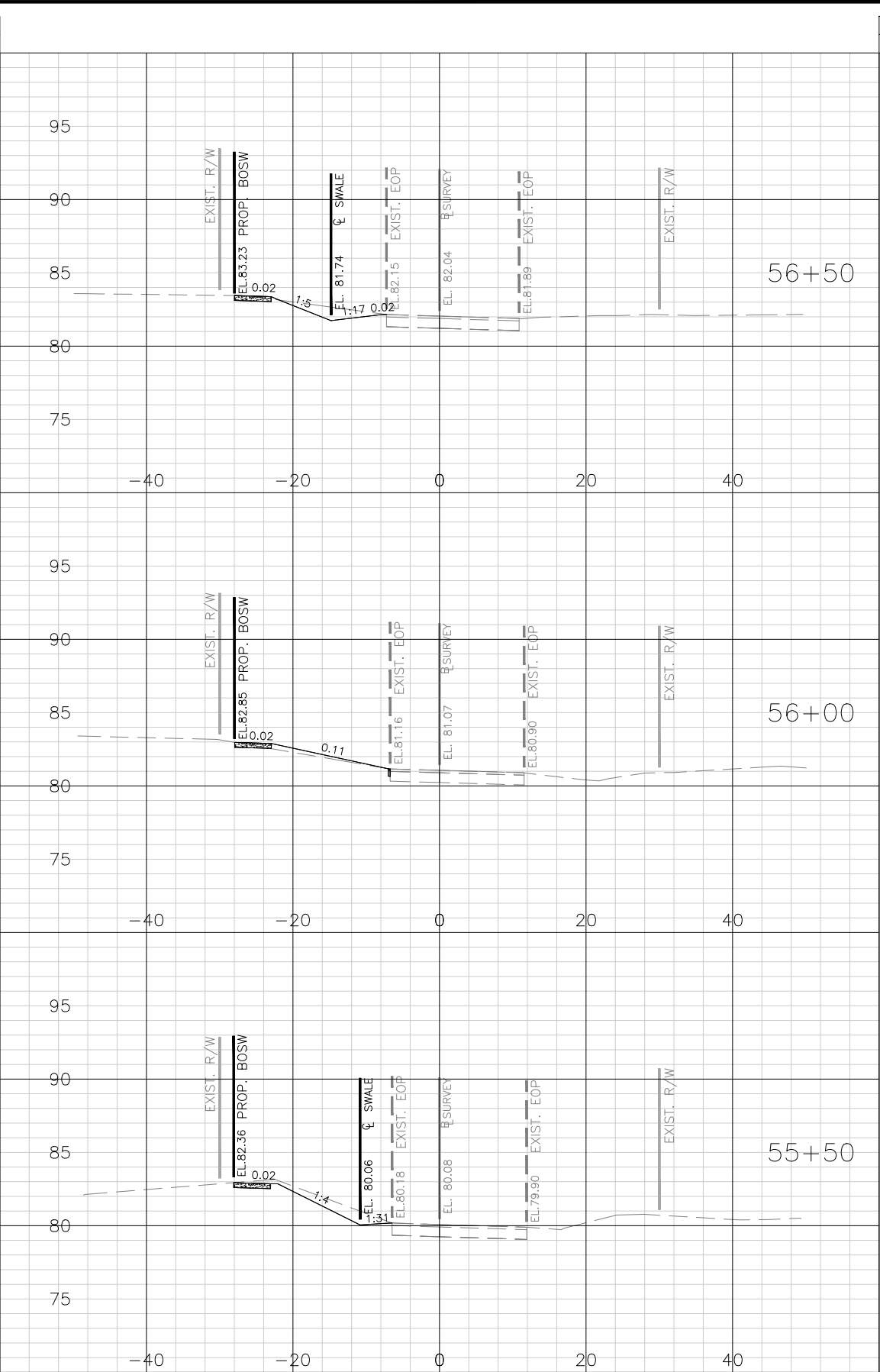
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SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL

TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
20	36		0	0
18	28		0	0
11	16		0	0
80			0	



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL

TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
8	17		0	0
9	25		0	0
17	35		0	0
77			0	

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△				△			
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△				△			



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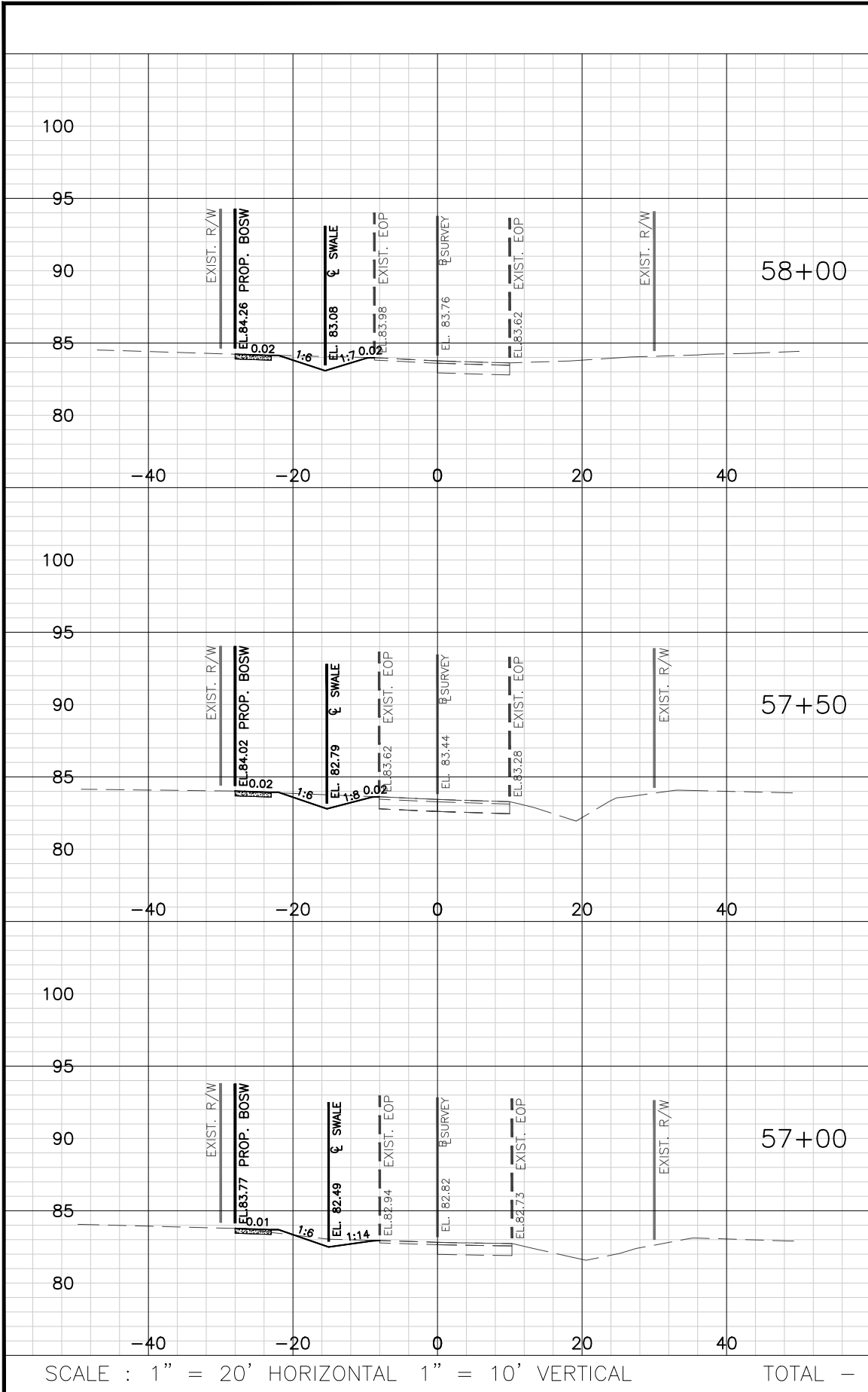
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47

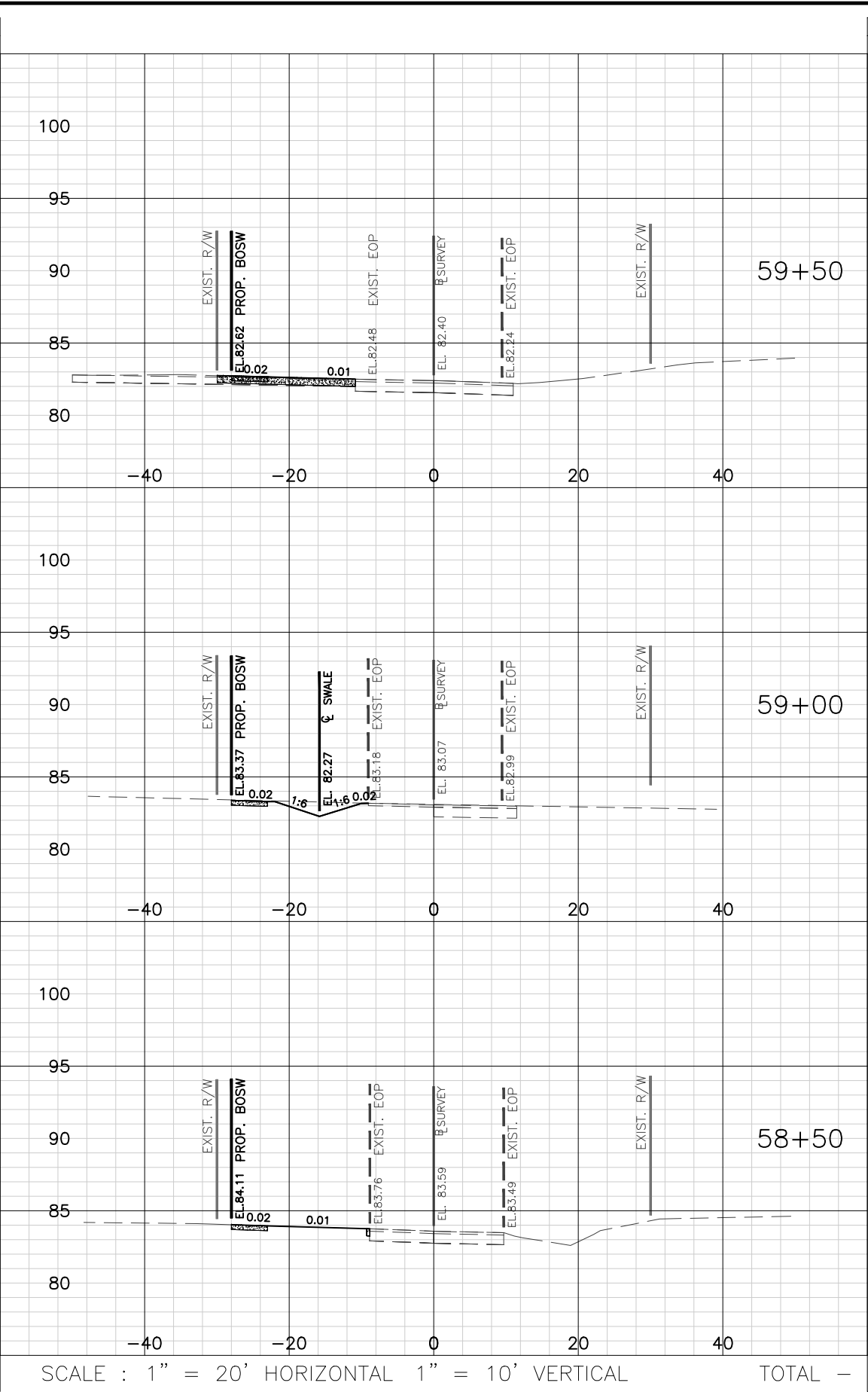
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SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL

TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
7		13	0	0
7		10	0	1
4		11	1	1
		34	2	



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL

TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
10		16	0	0
8		16	0	0
10		15	0	0
		47	0	

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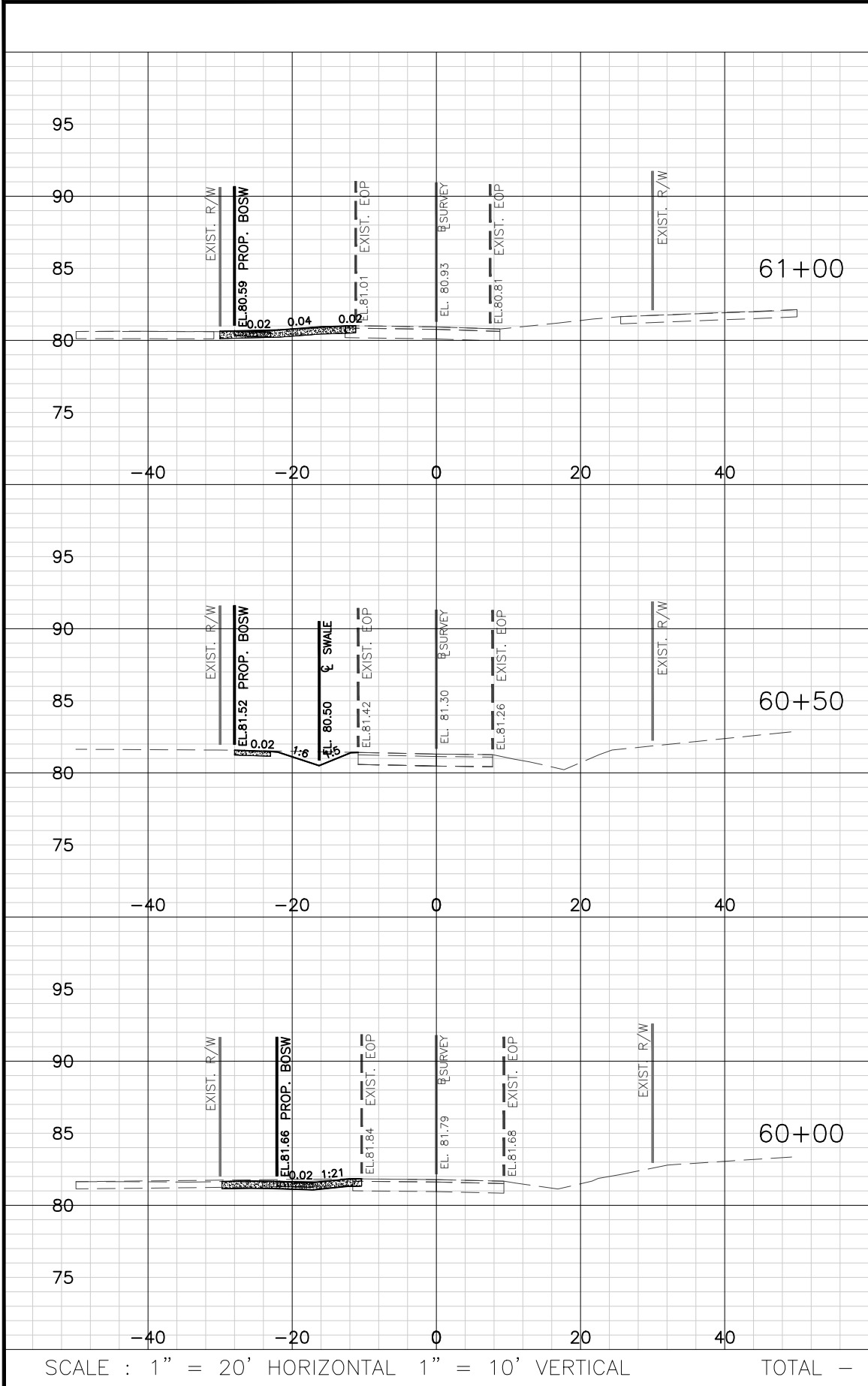
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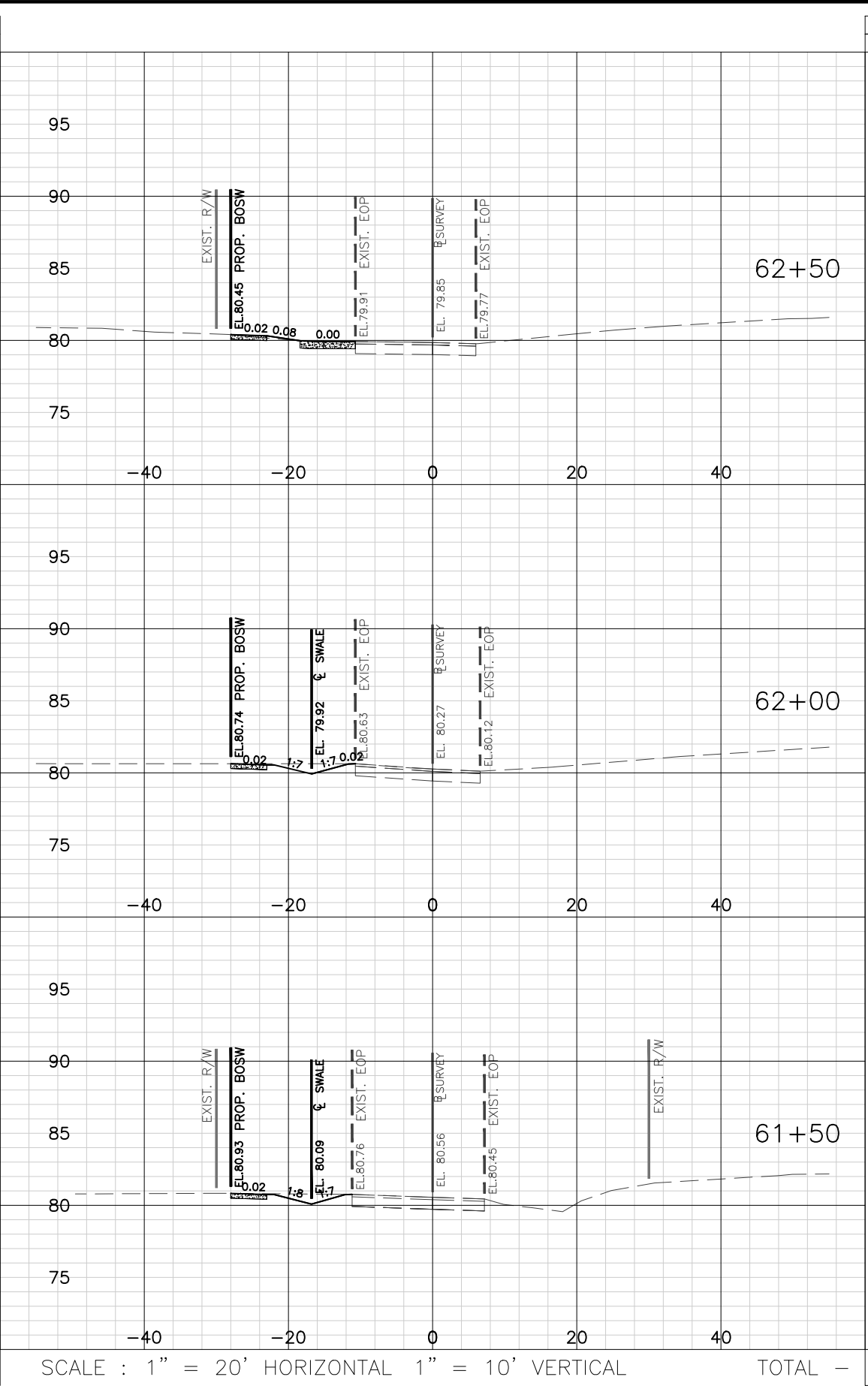
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48

Drawing Name: J:\S0998\Roadway\Roadway\RD01_Grace - Static.dwg, Jul 31, 2020, 3:54pm amjgja



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
9	14		0	0
6	14		0	0
9	17		0	0
45			0	



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
6	9		0	0
4	7		0	0
4	12		0	0
28			0	

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△				△			
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△				△			



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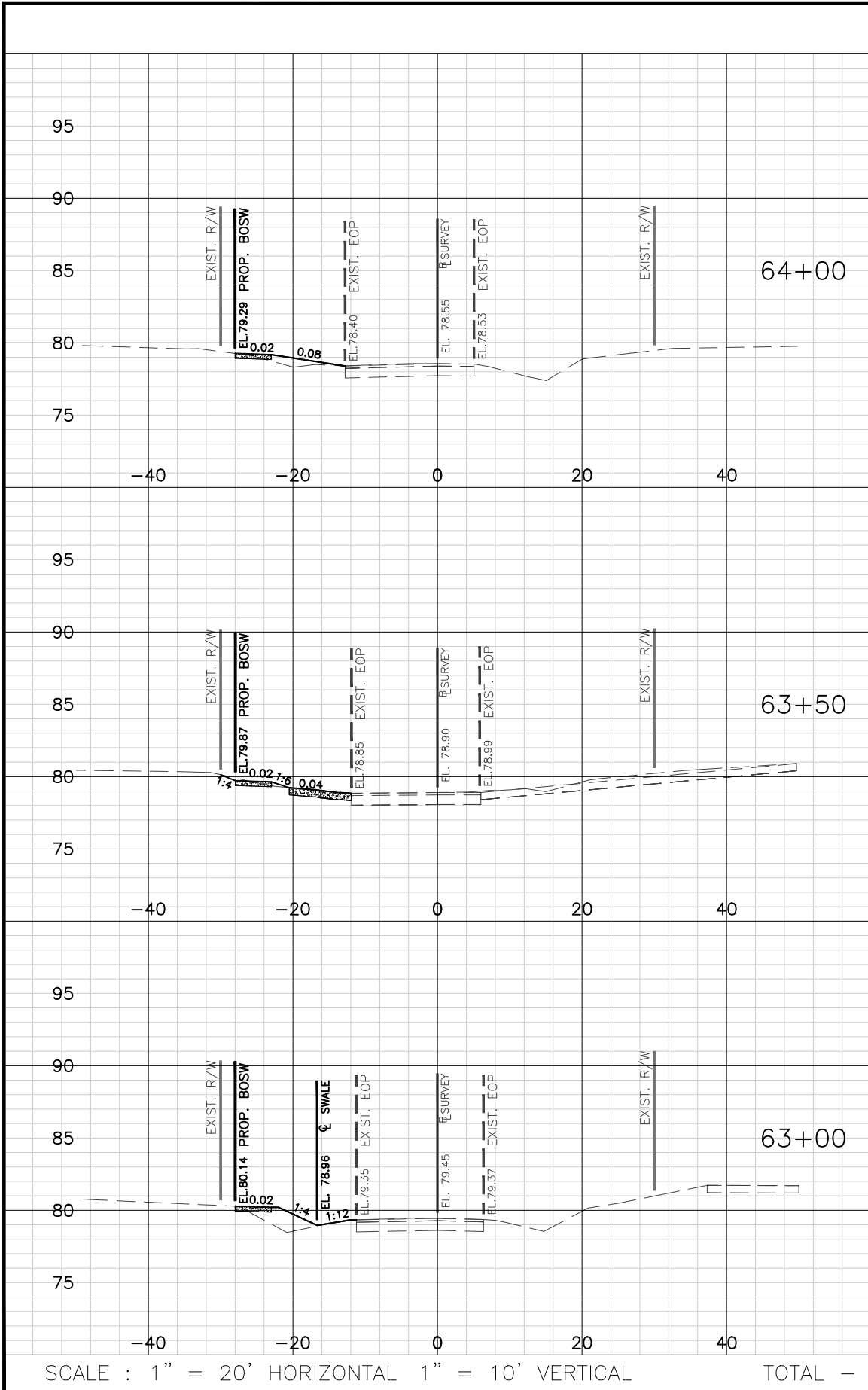
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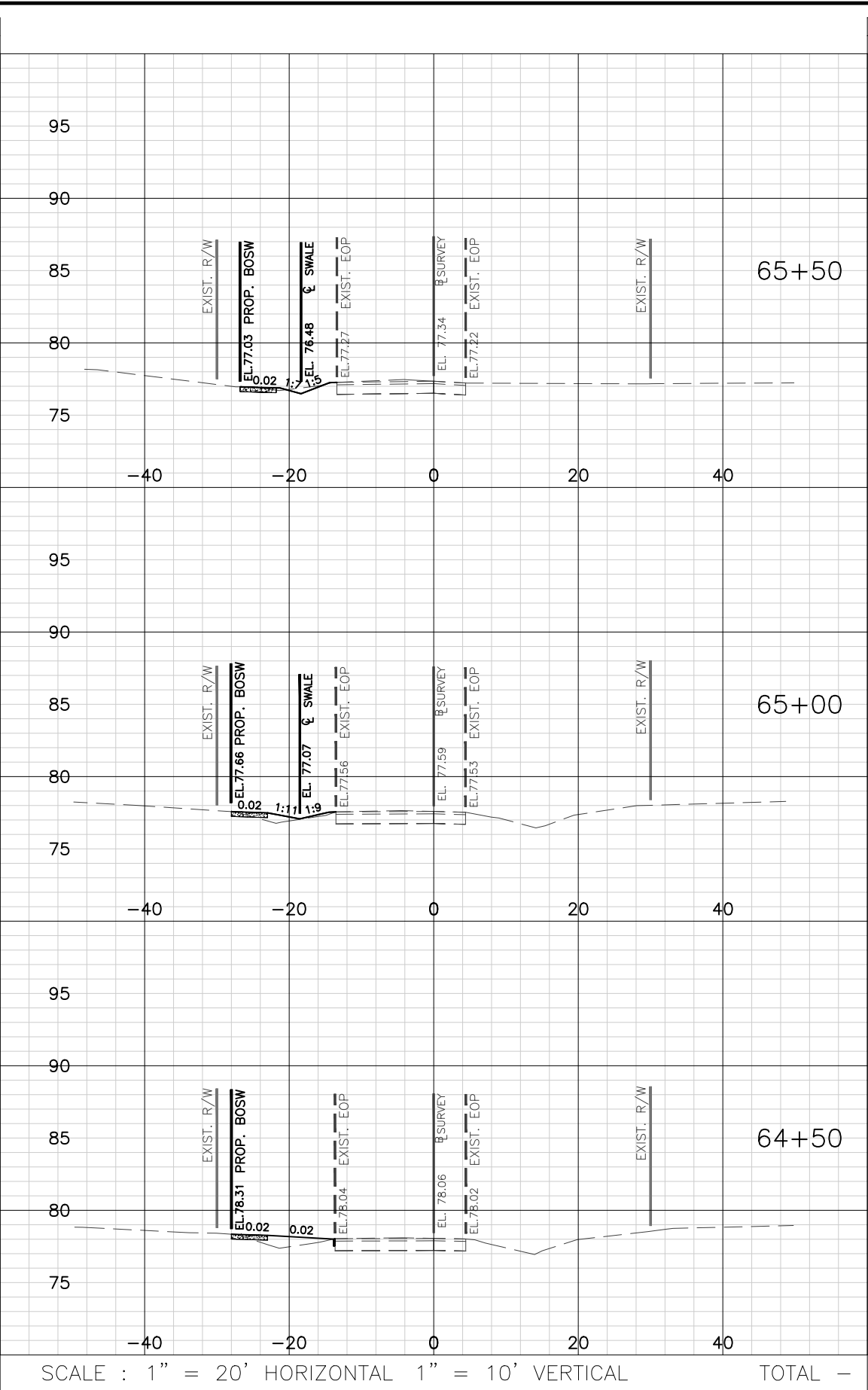
Cross Section
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Sheet No.
49

Drawing Name: J:\50996\Roadway\Roadway\RDSEHD01_Grace - Streets.dwg, Jul 31, 2020, 11:35am anajla



Regular		Exc.	Embankment	
A	V	A	V	
3			1	
	10		1	
7		0		
	7		7	
1		7		
	6		7	
23		15		



Regular		Exc.	Embankment	
A	V	A	V	
1			1	
	2		4	
0		4		
	2		5	
2		1		
	5		2	
9		11		

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△				△			
△				△			
△				△			



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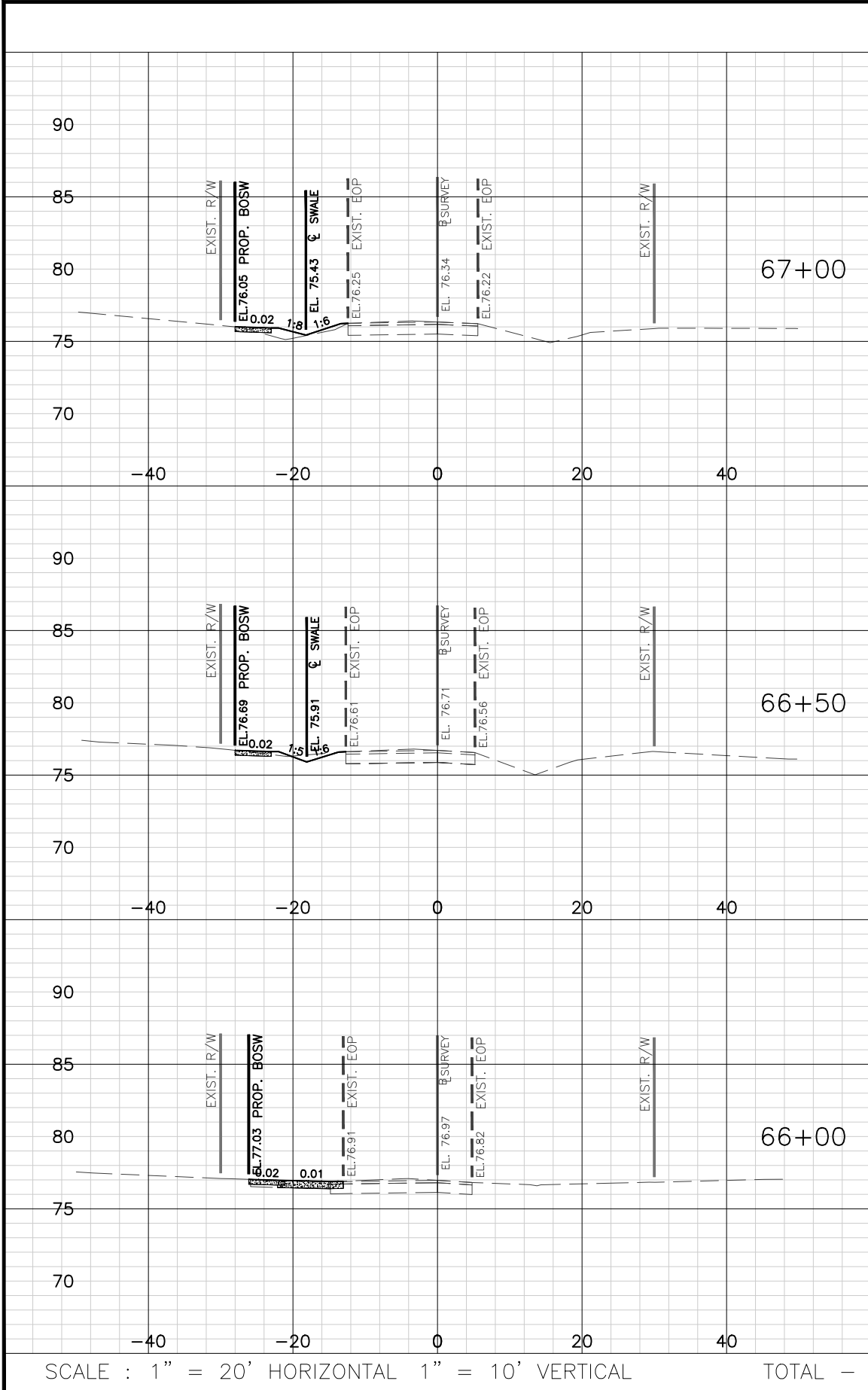
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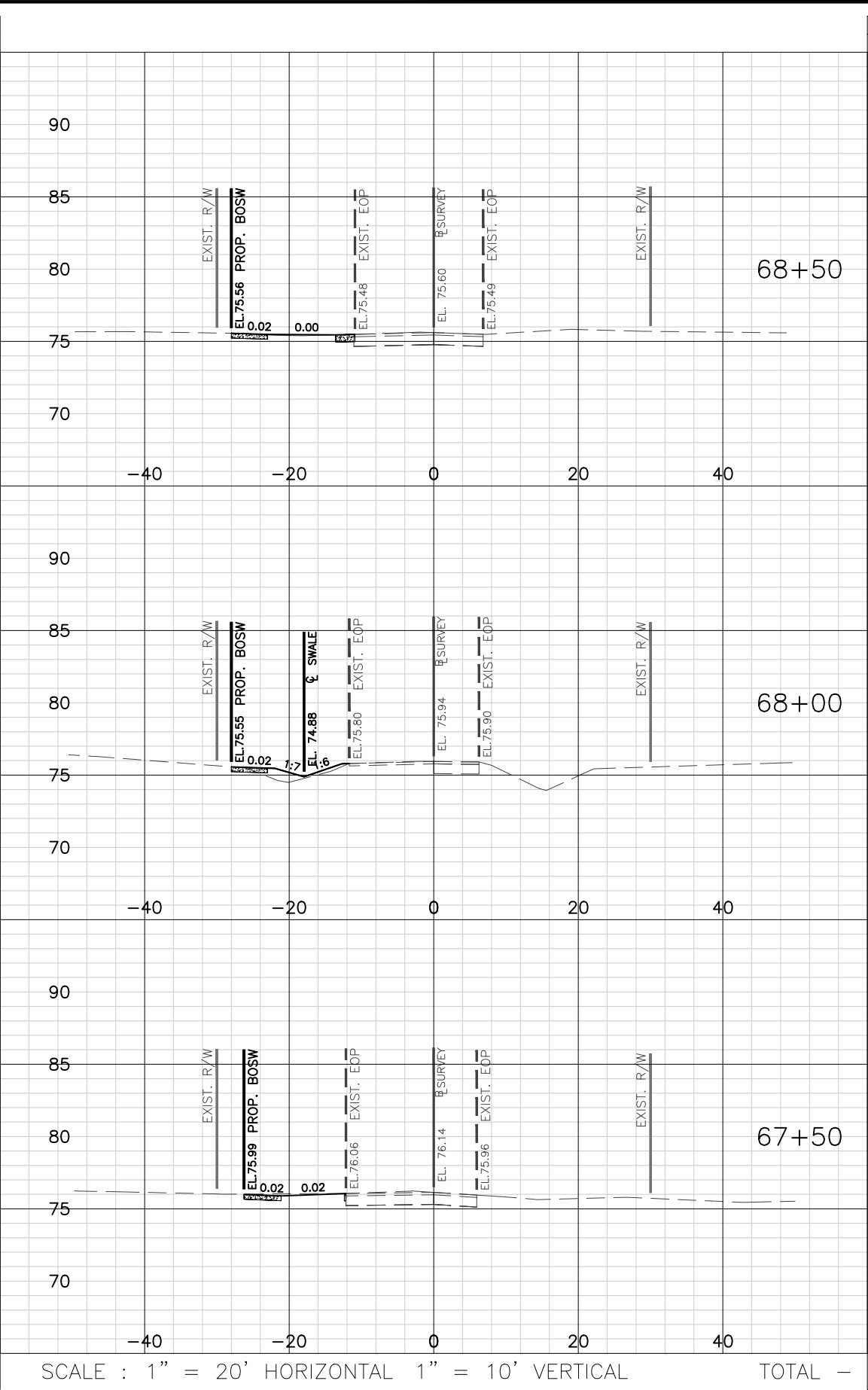
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50

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SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.		Embankment	
A	V	A	V	A	V
0	2	4	5		
2	8	1	1		
6	7	0	1		
17		7			



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.		Embankment	
A	V	A	V	A	V
3	4	0	5		
1	3	5	4		
2	3	0	4		
10		13			

No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
4				4			
5				5			



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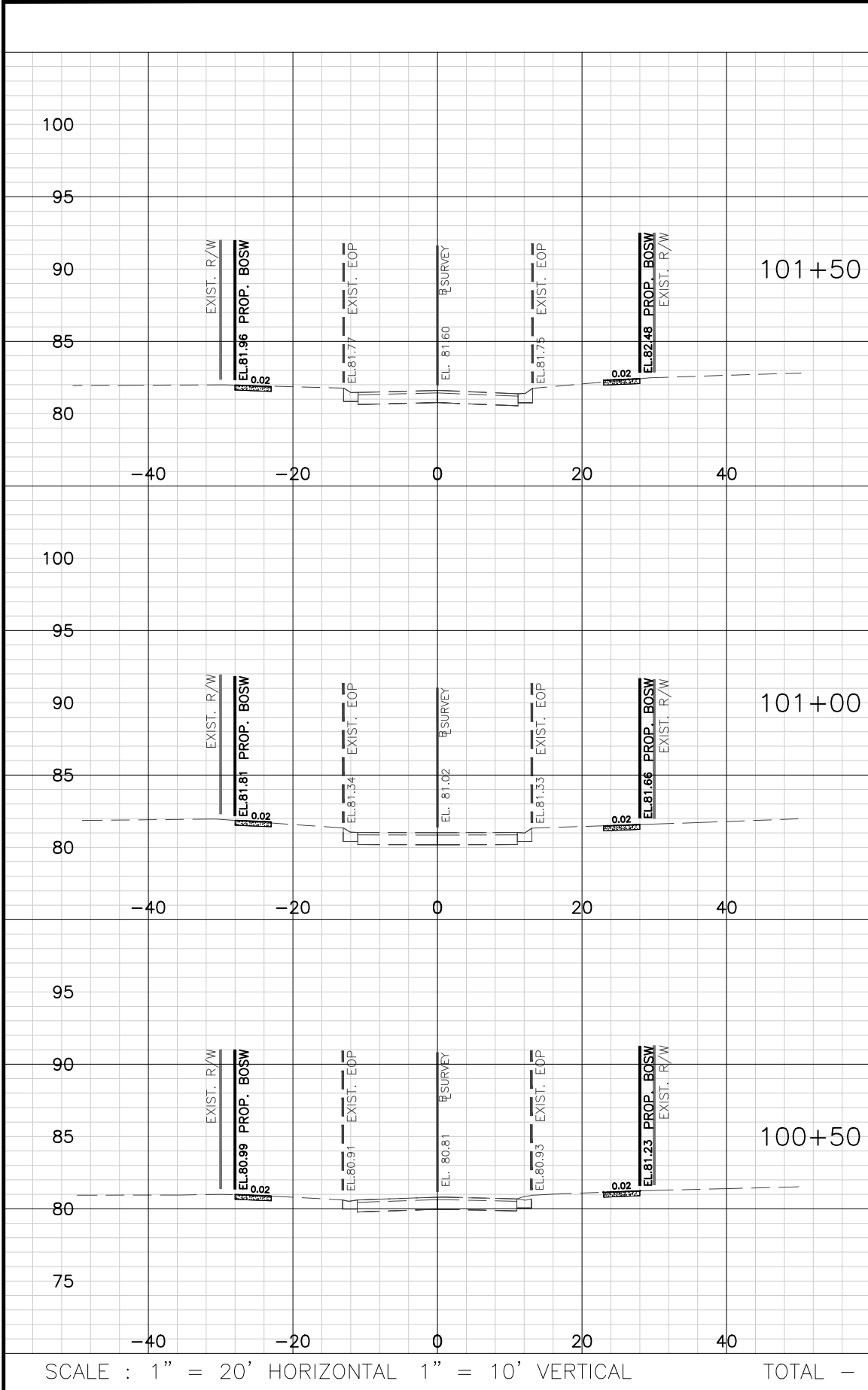
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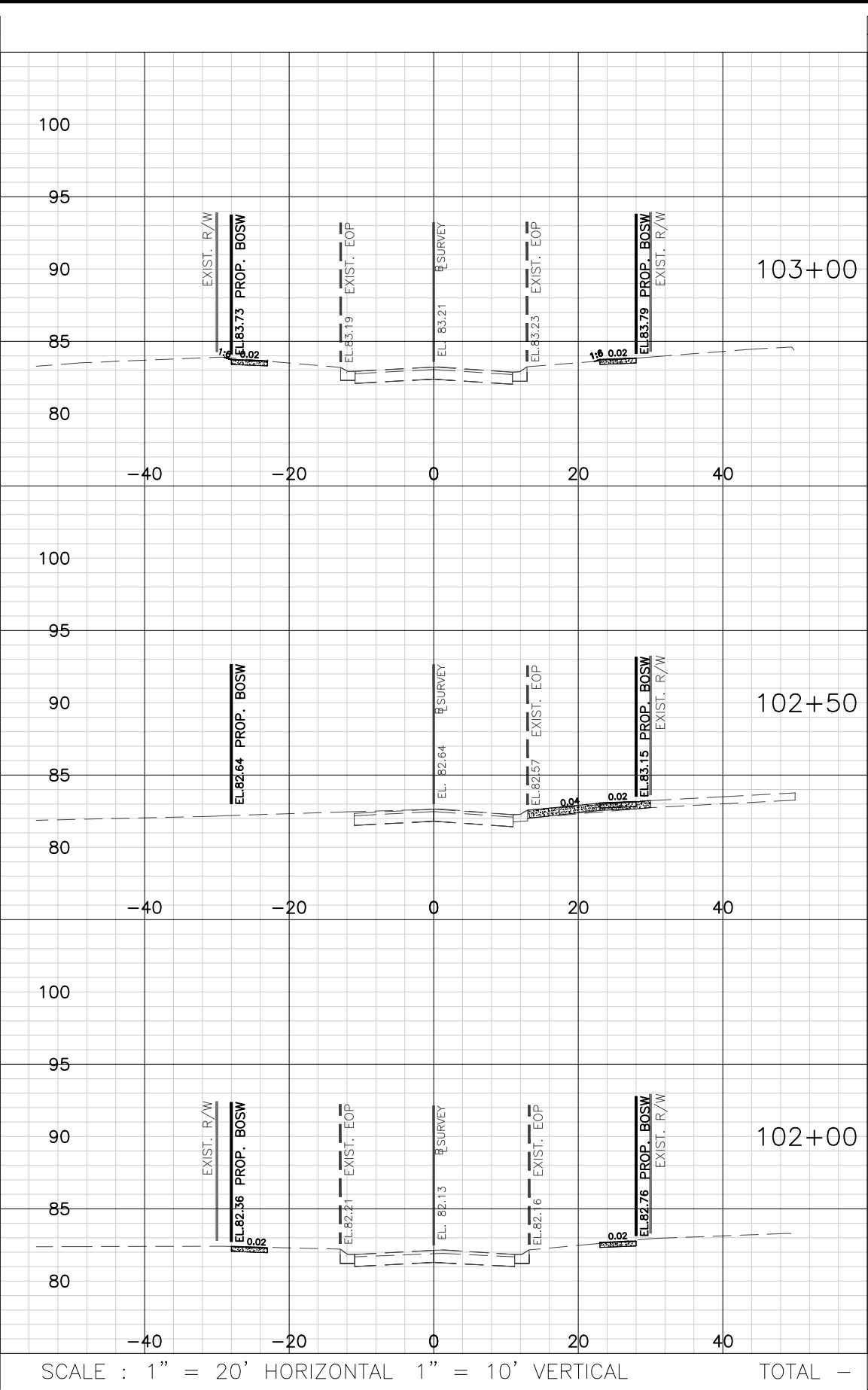
Cross Section
Grace Blvd

Sheet No.
51

Drawing name: J:\50996Roadway\Roadway\FD\SURD01 Ronnie - Static.dwg, Jul 31, 2020 - 11:36am amjgla



Regular		Exc.	Embankment	
A	V	A	V	
3	8	0	0	
5	16	0	0	
11	0	0	0	
24		0		



Regular		Exc.	Embankment	
A	V	A	V	
4	12	0	0	
10	12	0	0	
4	6	0	0	
30		0		

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△				△			
△				△			
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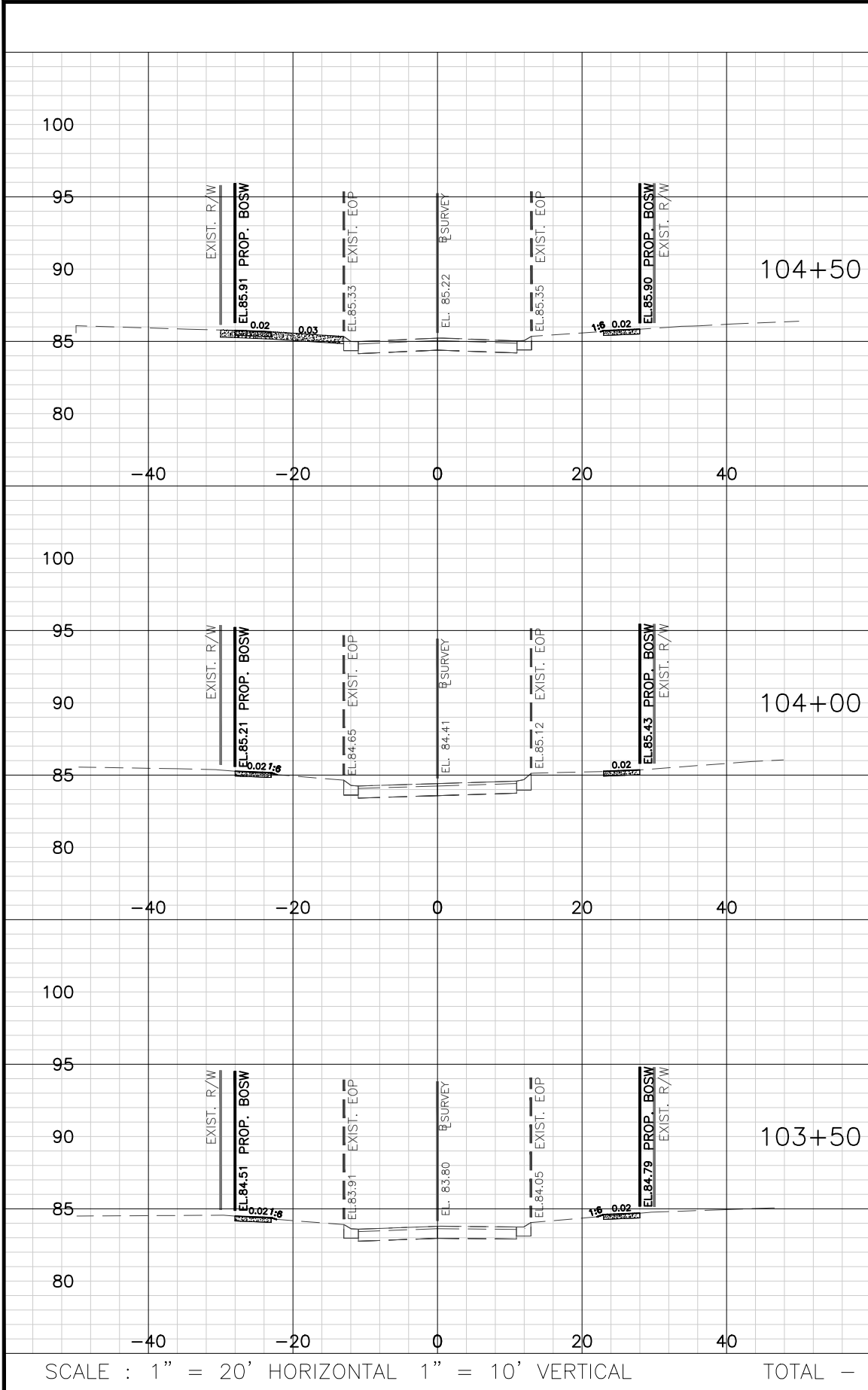
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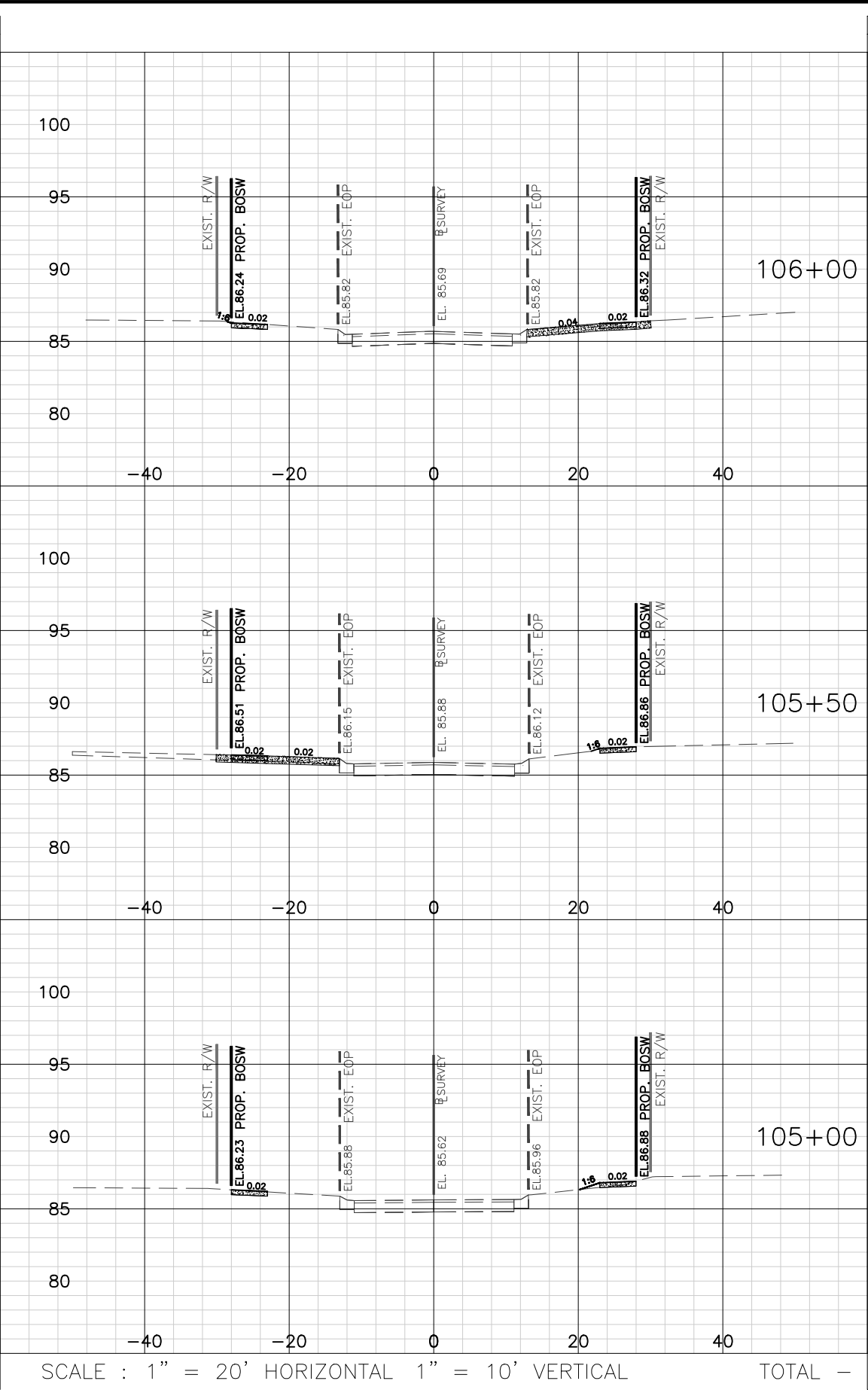
Cross Section
Ronnie Dr

Sheet No.
52

Drawing Name: J:\S0998\Roadway\Roadway\FDSE\RD01 Ronnie - Static.dwg, Jul 31, 2020 - 11:36am amjg



Regular		Exc.	Embankment	
A	V		A	V
12	14		0	0
3	5		0	0
2	6		0	0
25			0	



Regular		Exc.	Embankment	
A	V		A	V
9	18		0	0
11	12		0	0
3	14		0	0
44			0	

No.	Date	Revision	By	No.	Date	Revision	By
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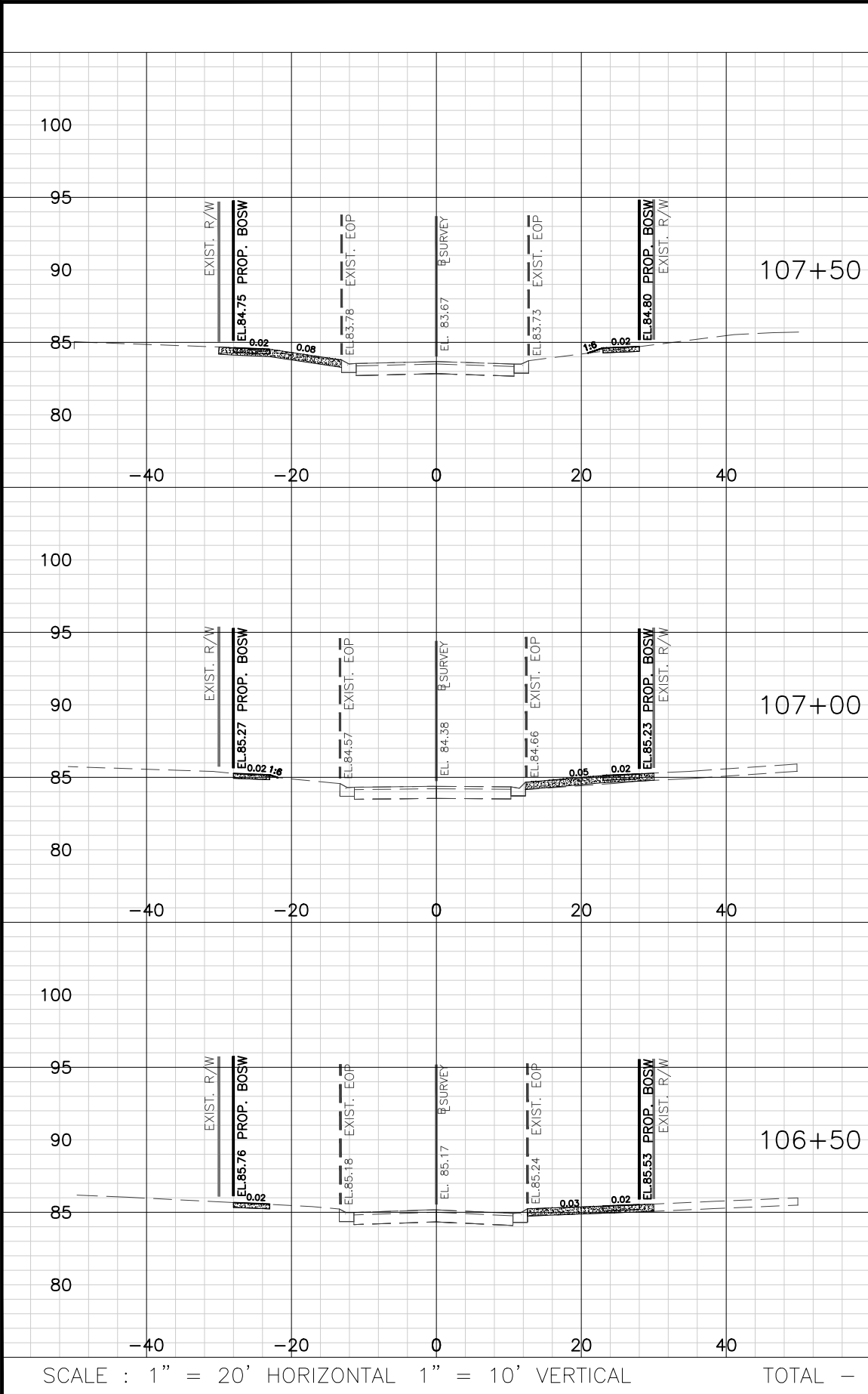
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Cross Section
Ronnie Dr

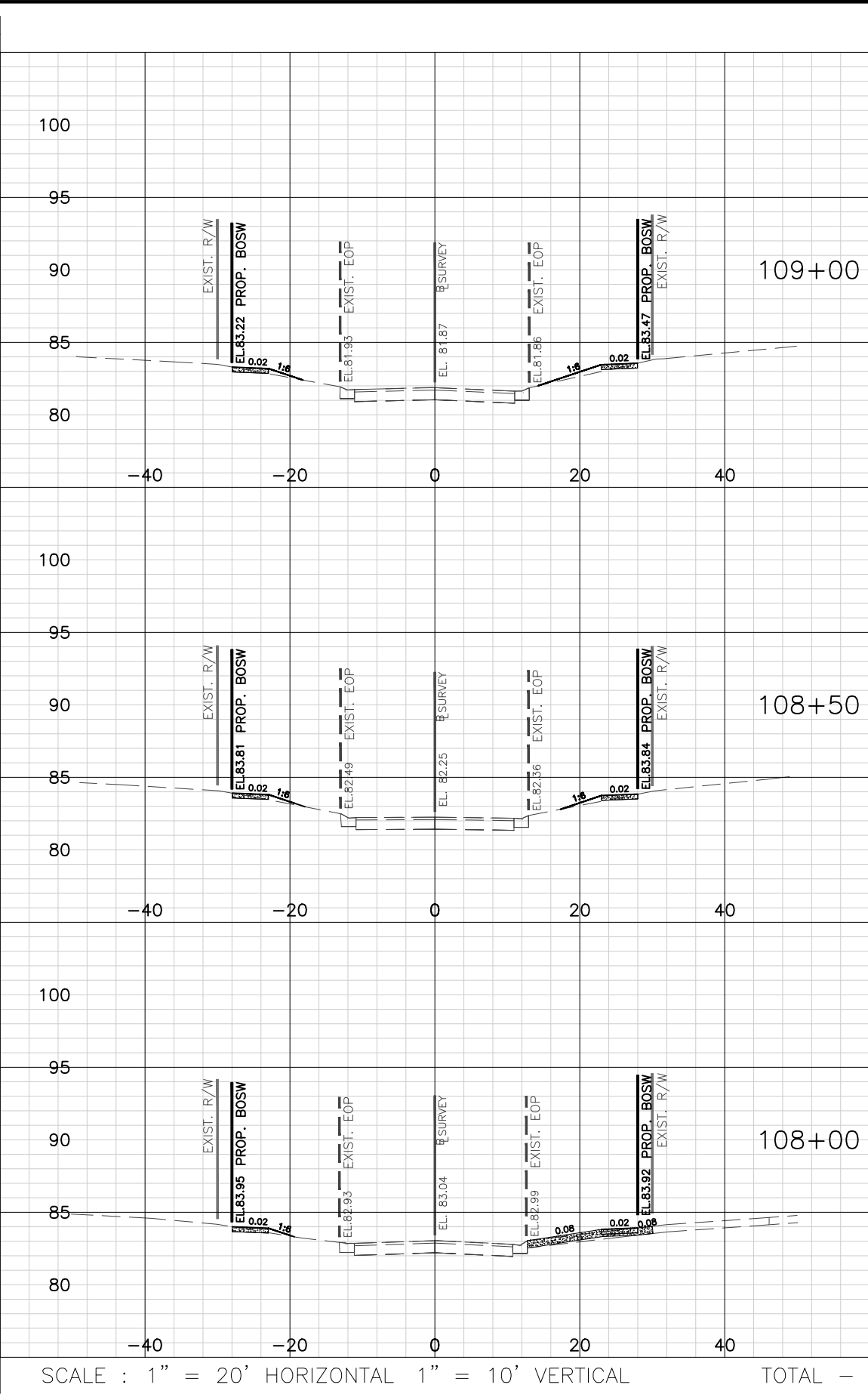
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53

Drawing Name: J:\50996\Roadway\Roadway\FD\SE\RD01 Ronnie - Static.dwg, Jul 31, 2020 - 11:36am amjgja



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
8	17		0	1
11	25		0	0
15	23		0	0
65			1	



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
2	6		2	3
4	12		2	2
10	16		0	1
34			6	

No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
4				4			
5				5			



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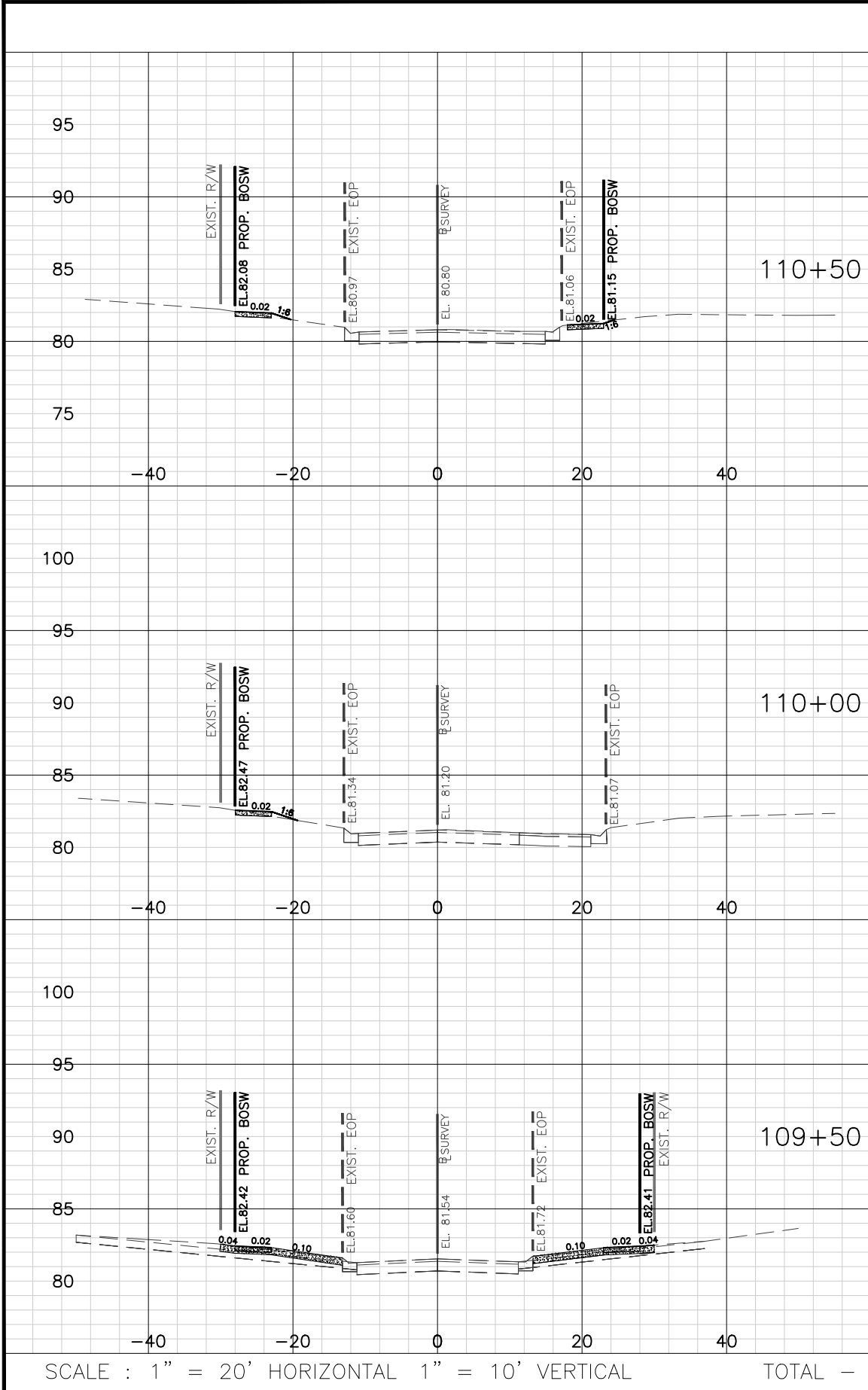
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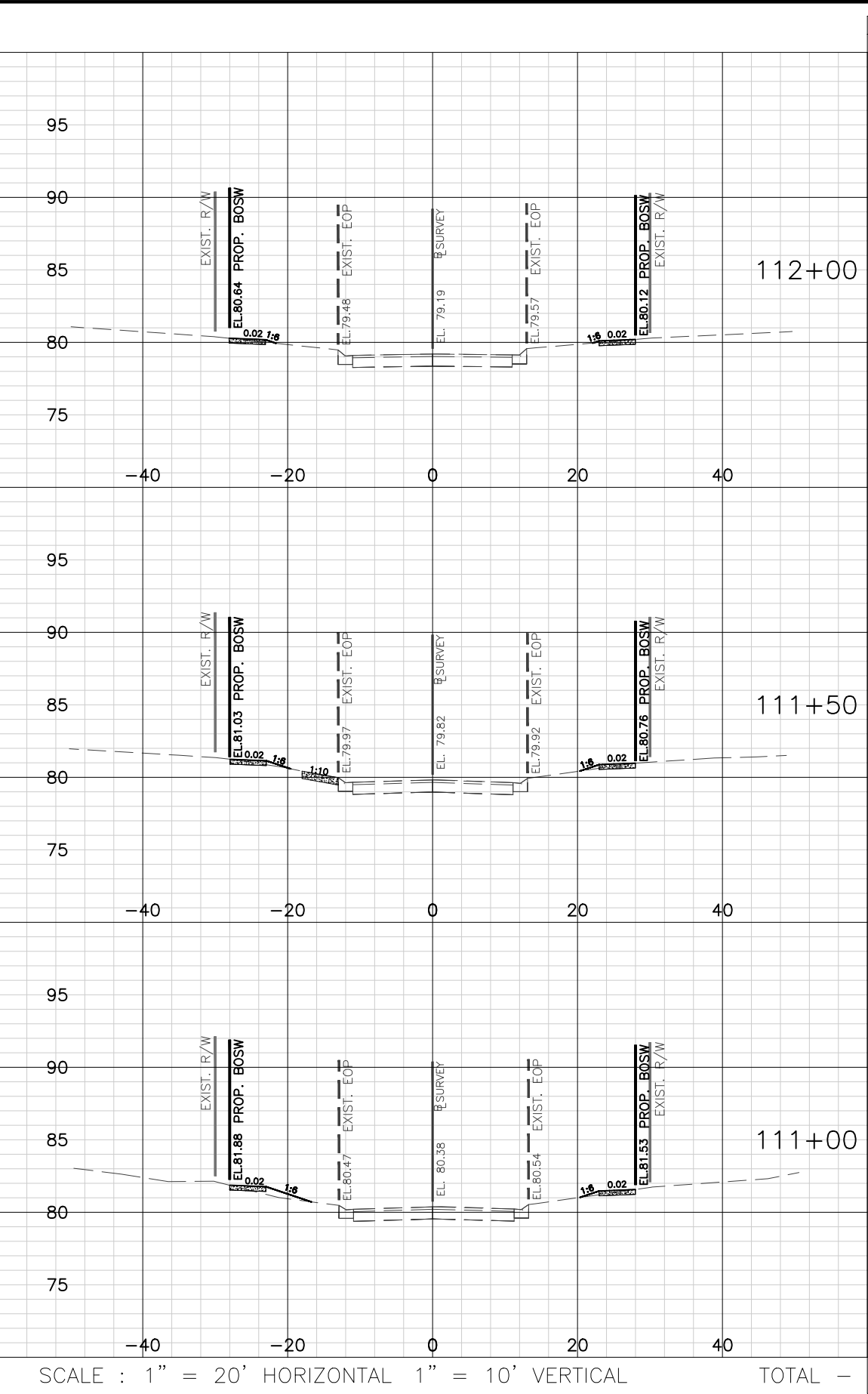
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Ronnie Dr

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54

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Regular		Exc.	Embankment	
A	V		A	V
6	7		0	1
2	20		0	0
20	20		0	2
TOTAL		47	3	



Regular		Exc.	Embankment	
A	V		A	V
2	10		2	2
9	10		0	2
2	7		2	3
TOTAL		27	7	

No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
4				4			



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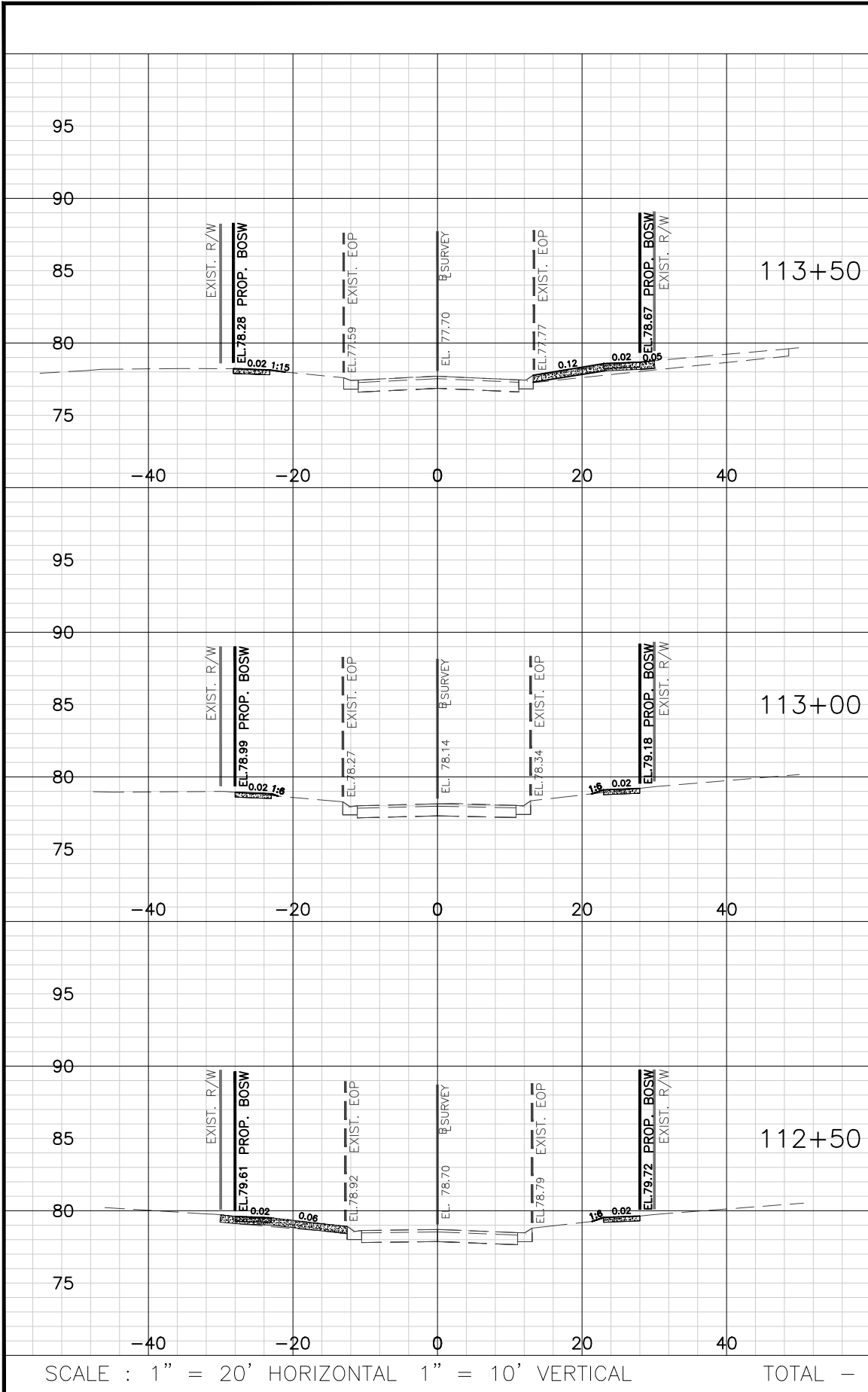
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FL P.E. No. 88718

Cross Section
Ronnie Dr

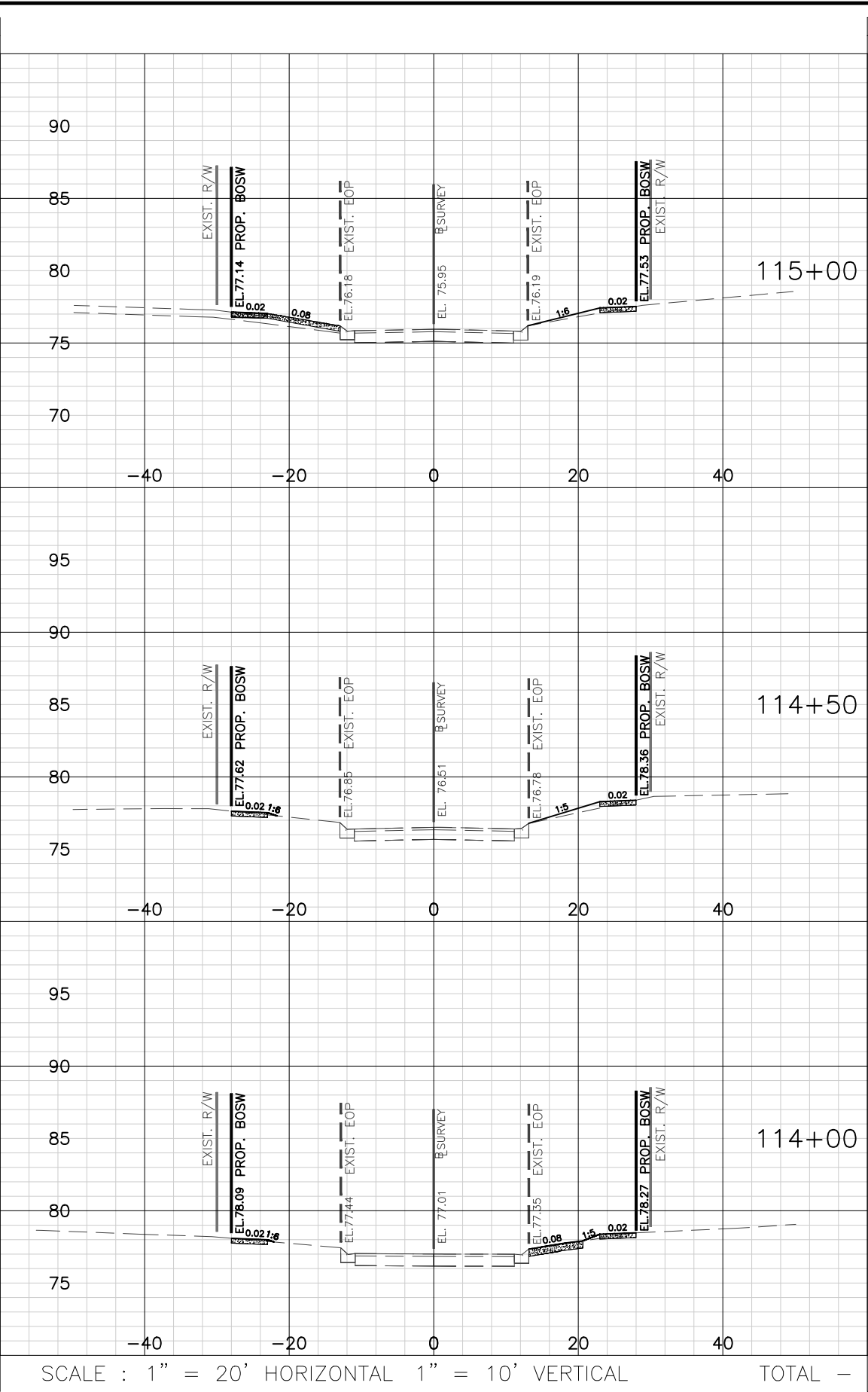
Sheet No.
55

Drawing Name: J:\50996Roadway\Roadway\FD\XSD\RD01 Ronnie - Static.dwg, Jul 31, 2020 - 11:36am amjg



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V	A	V	
10	12	0	0	
4	14	0	0	
9	11	0	3	
37		3		



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V	A	V	
8	10	1	2	
2	9	2	2	
8	22	0	0	
41		4		

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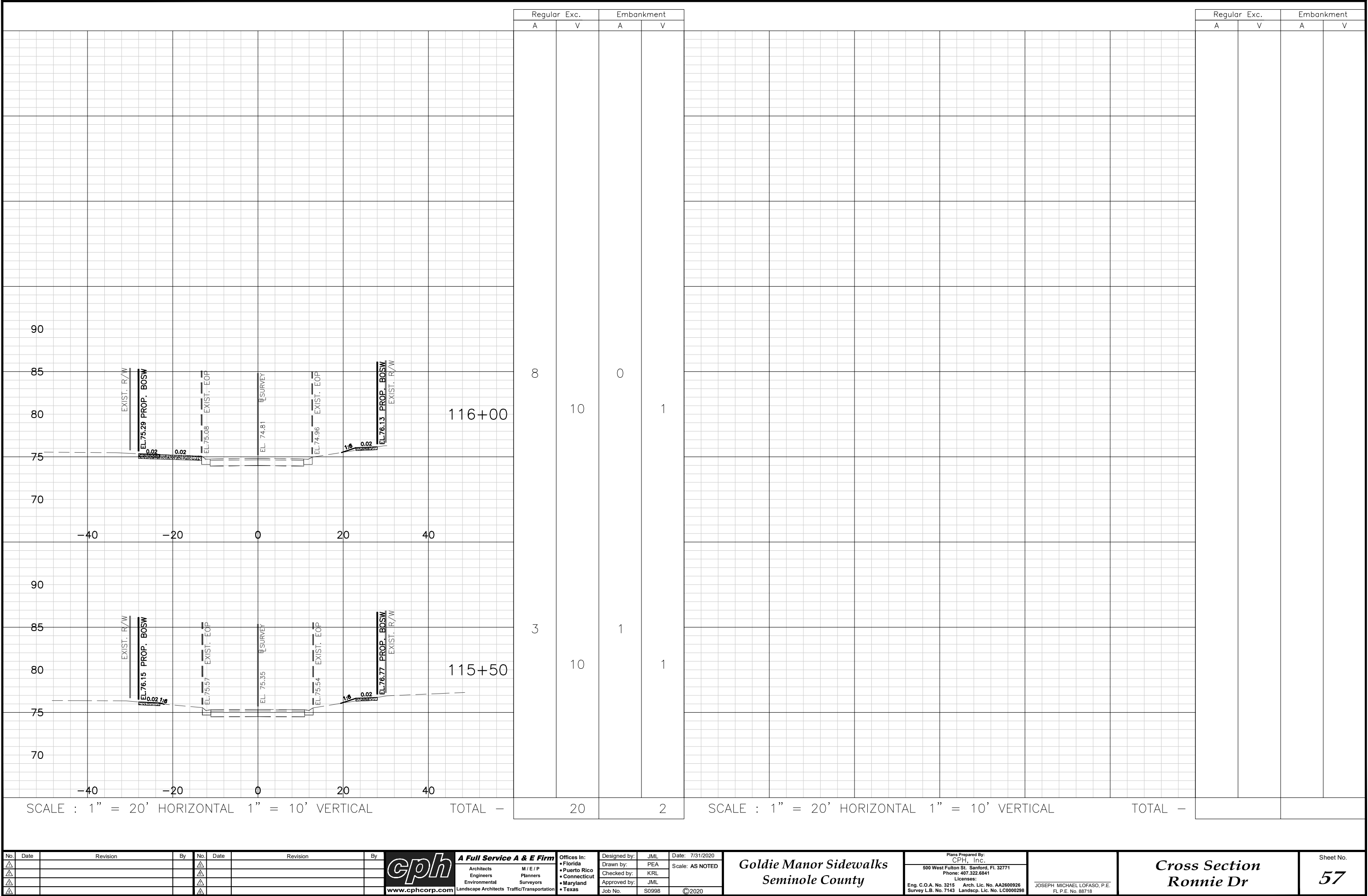
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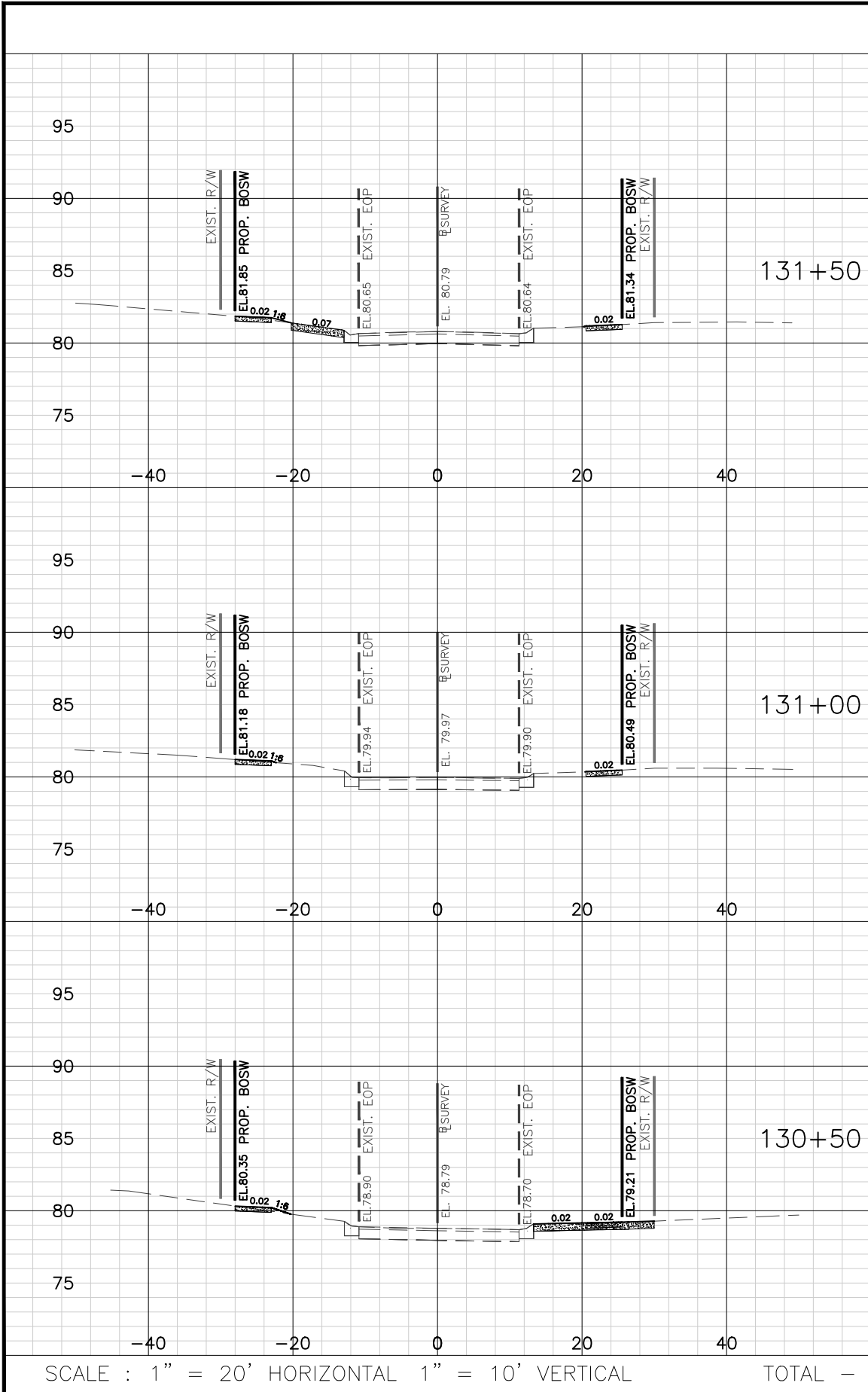
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Ronnie Dr

Sheet No.
56

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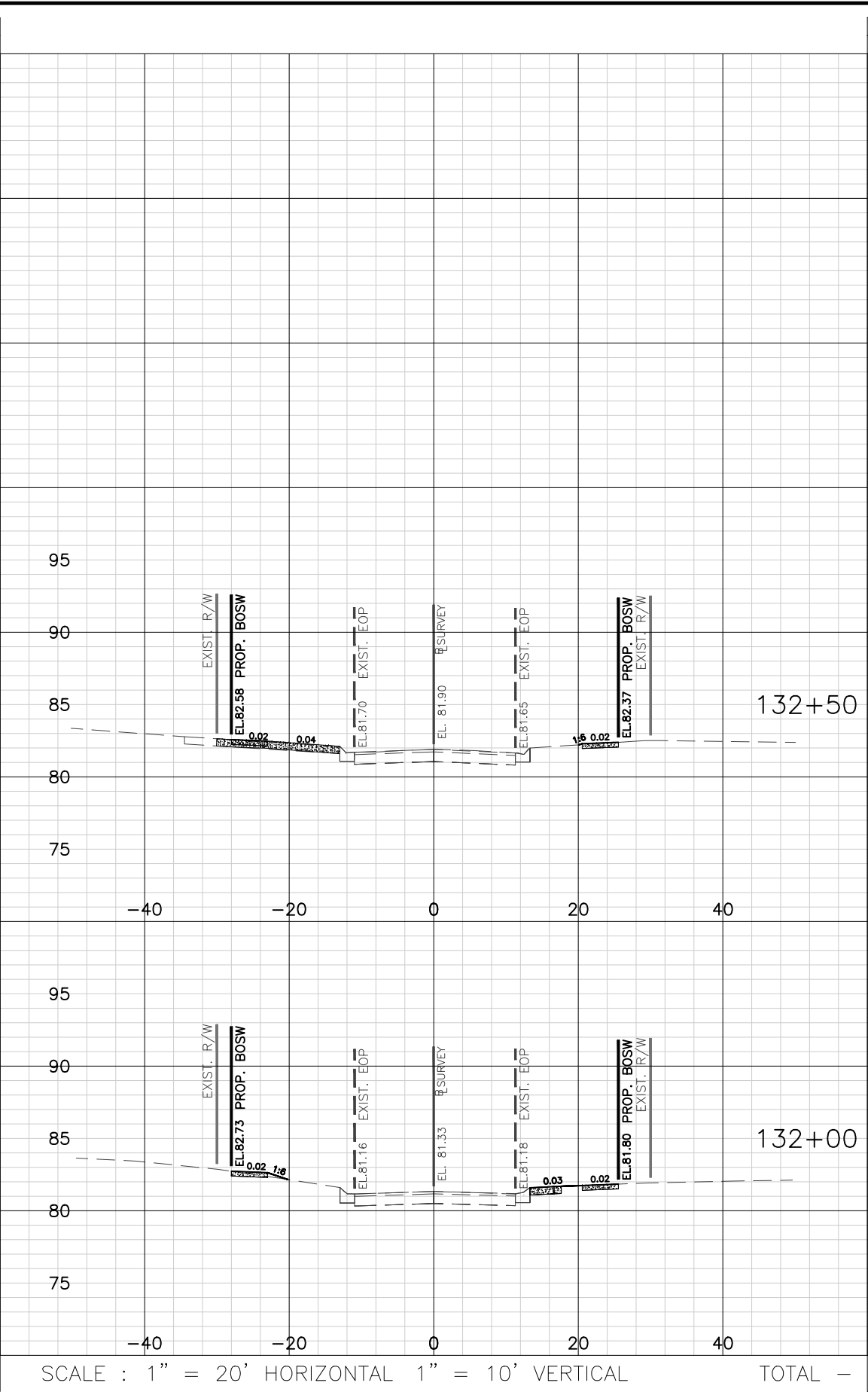


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SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A		V	A	V
7		9	0	0
3		9	0	0
7		0	0	0
18			0	



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A		V	A	V
10		14	0	0
5		11	0	0
25			0	

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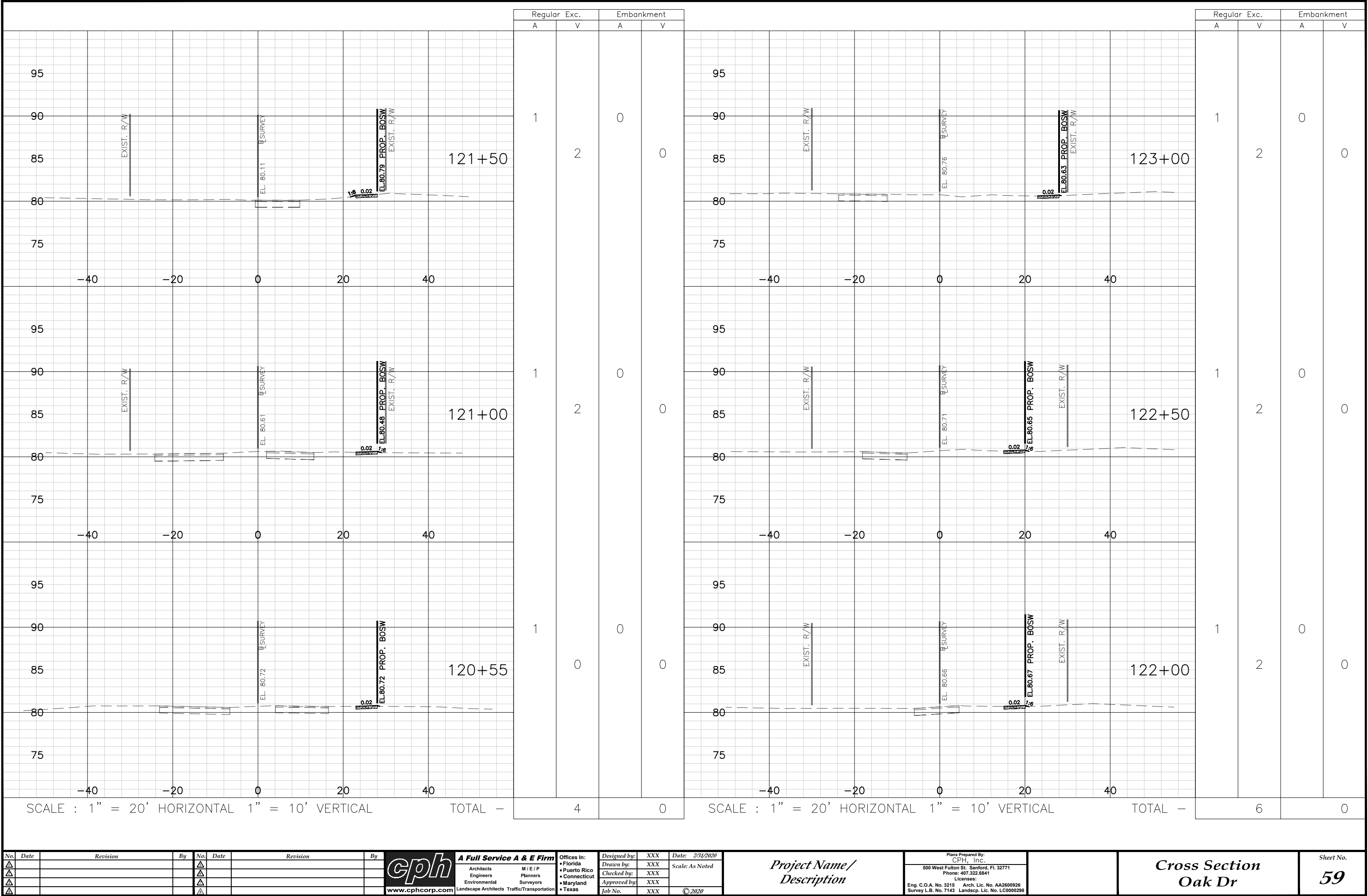
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Cross Section
Gerry Dr

Sheet No.
58

Drawing name: J:\50089\Roadway\Roadway\RD1502001_OAK.DRW17 - Stationing Jul 11, 2020 - 11:30am sample



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Δ				Δ			
Δ				Δ			
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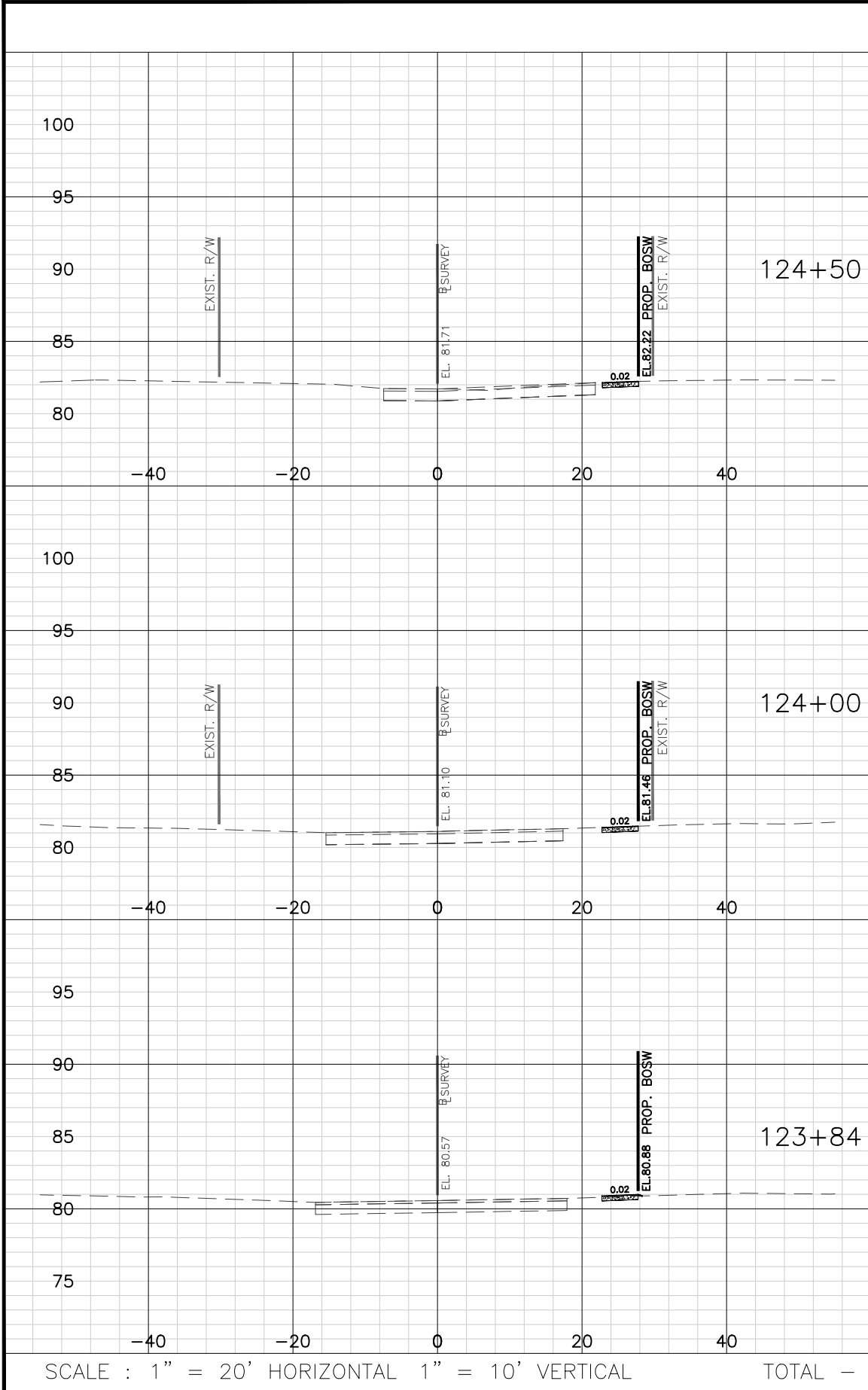
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Cross Section
Oak Dr

Sheet No.
59

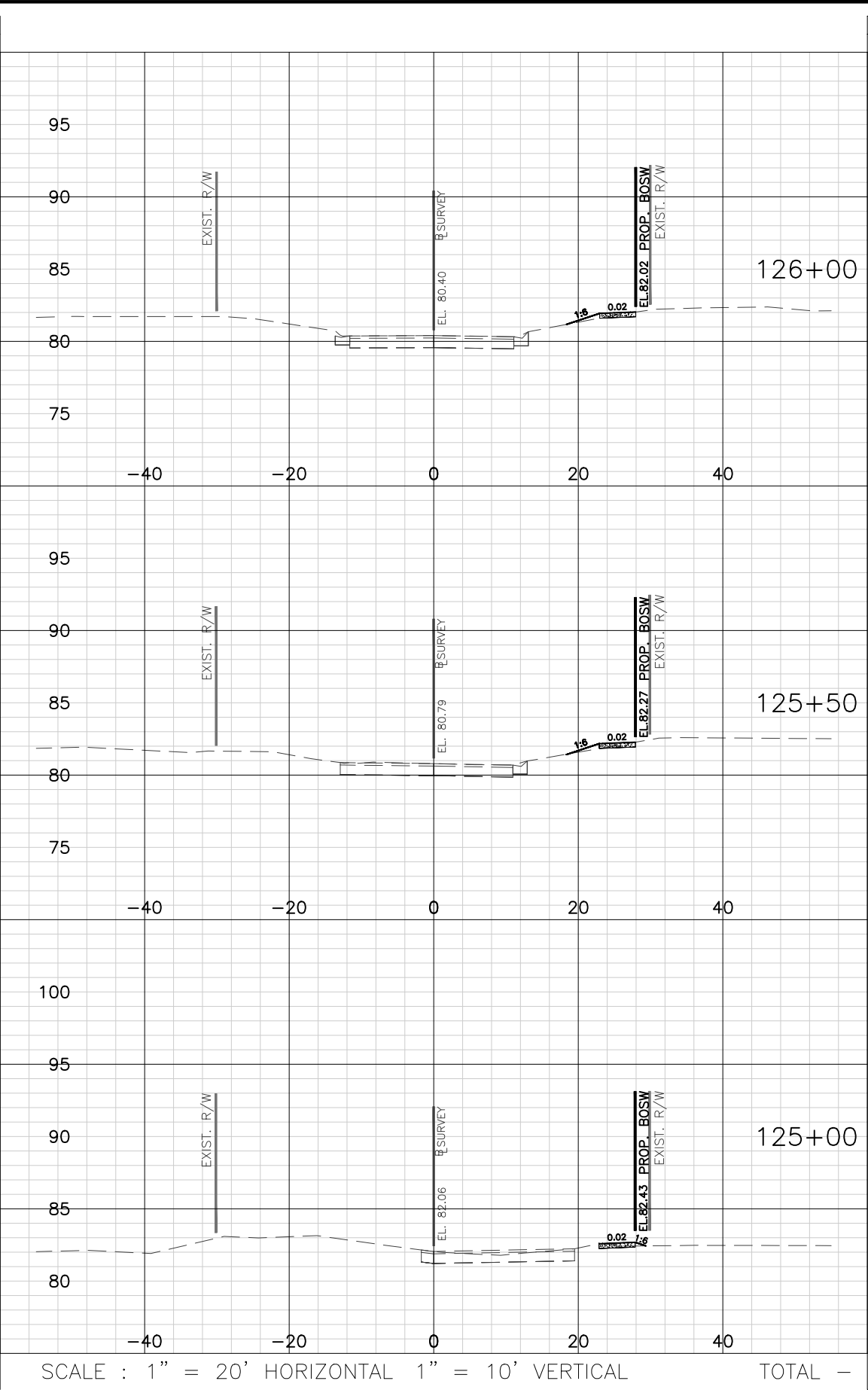
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SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL

TOTAL -

Regular		Exc.	Embankment	
A		V	A	V
2		3	0	0
1		1	0	0
1		4	0	0
8			0	



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL

TOTAL -

Regular		Exc.	Embankment	
A		V	A	V
1		1	1	1
1		2	1	1
1		3	0	0
6			2	

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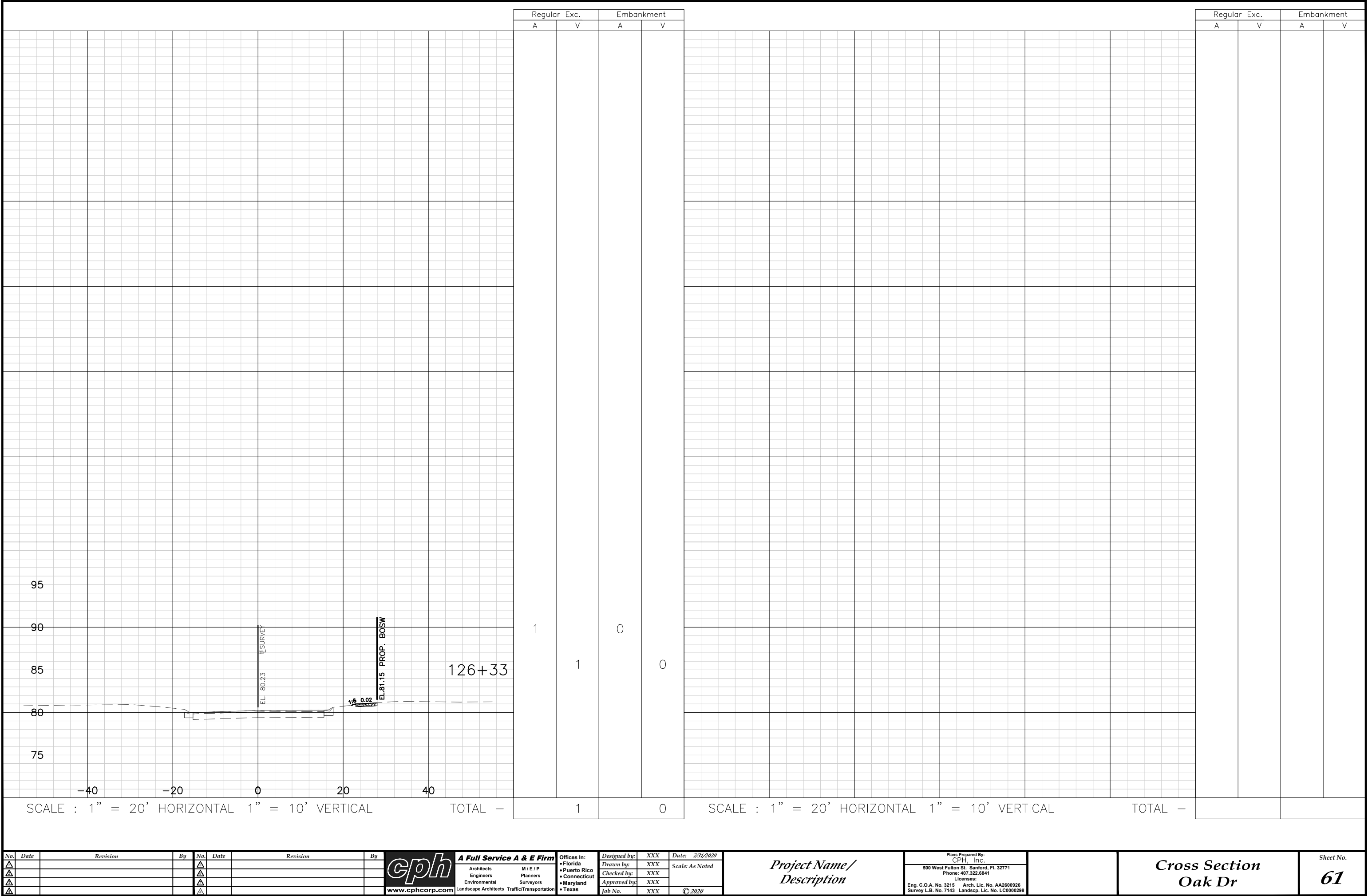
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Cross Section
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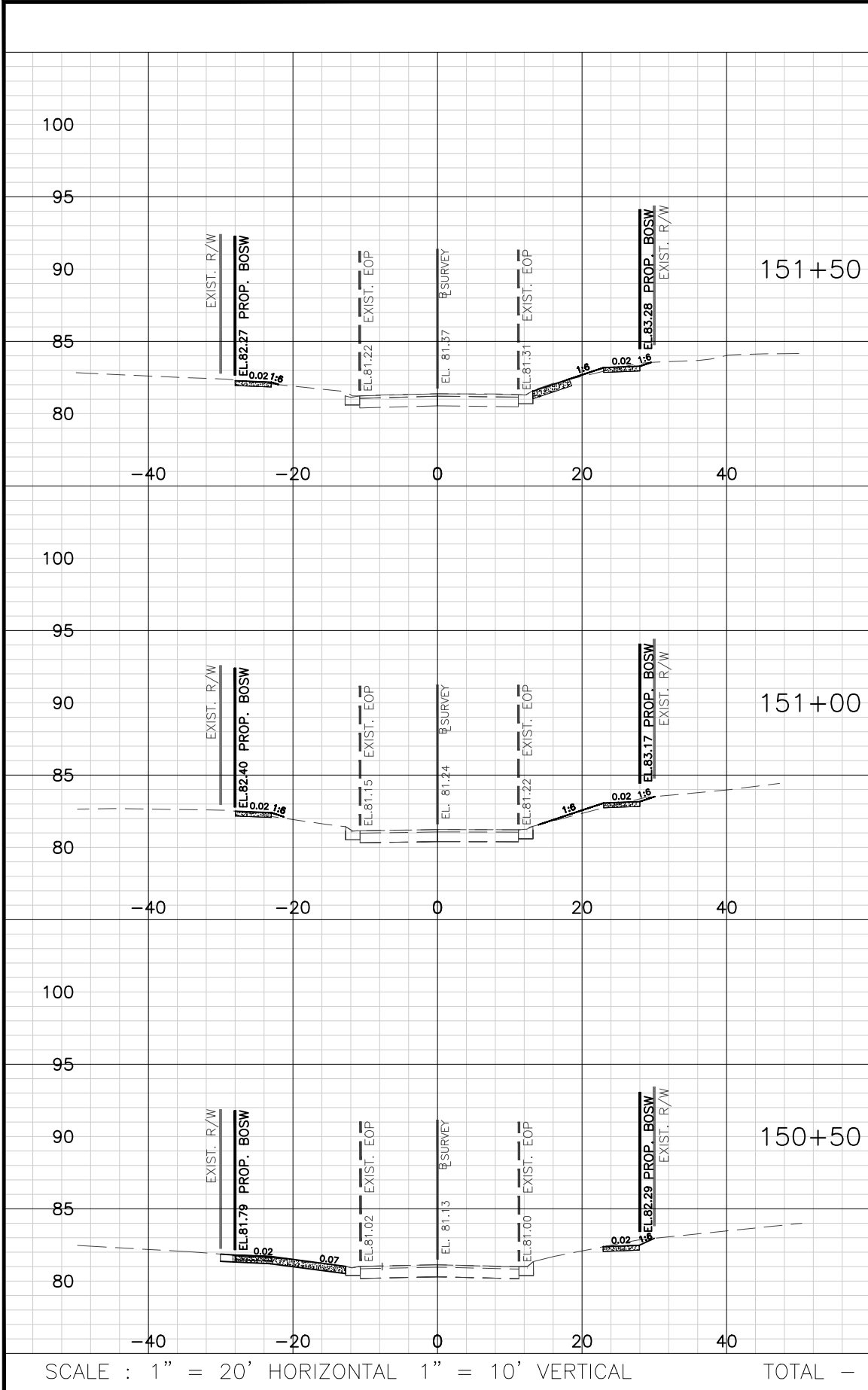
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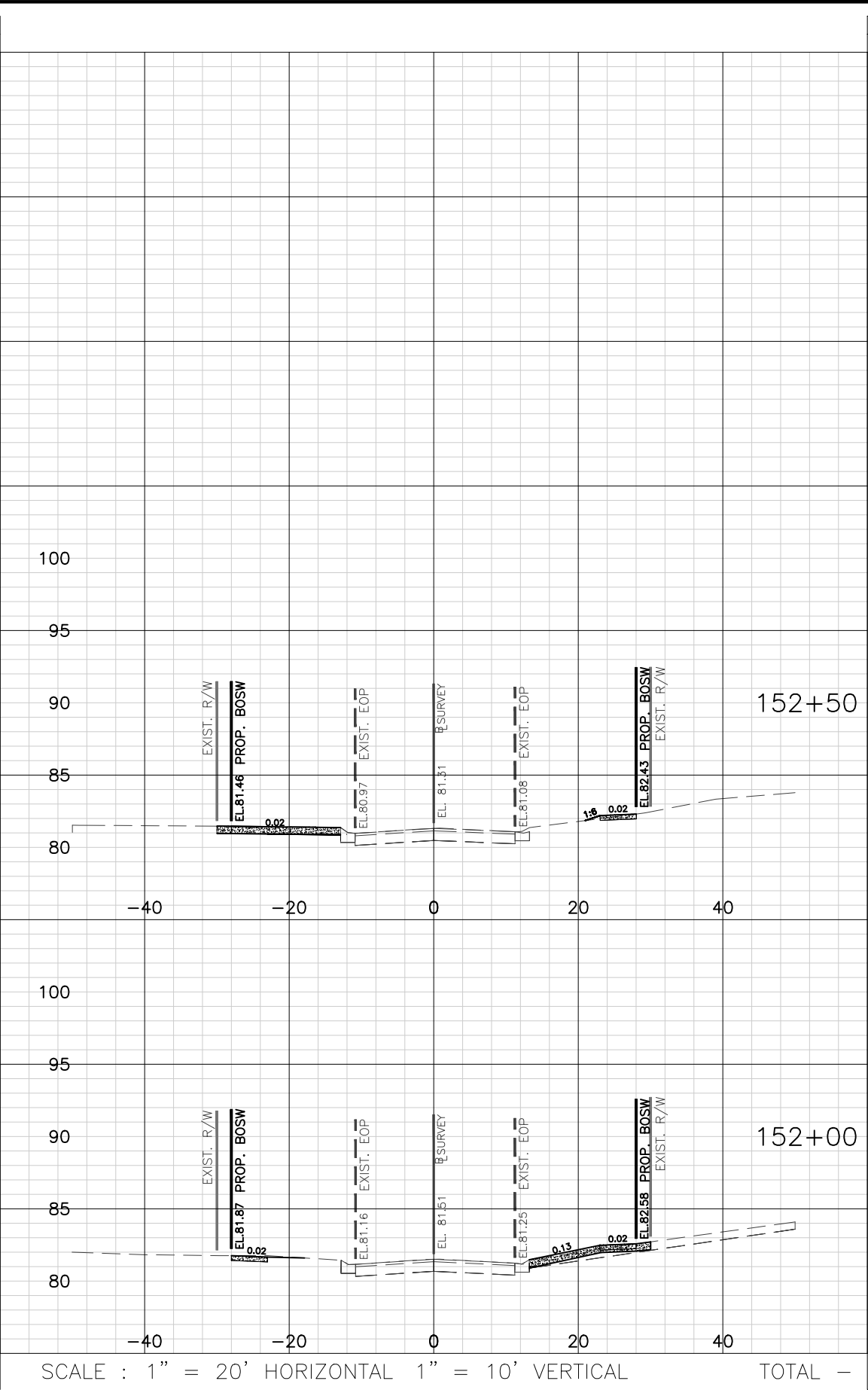


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									Architects M / E / P	• Florida	Drawn by:	XXX	Scale:	As Noted		CPH, Inc.		
									Engineers Planners	• Puerto Rico	Checked by:	XXX				500 West Fulton St. Sanford, FL 32771		
									Environmental Surveyors	• Connecticut	Approved by:	XXX				Phone: 407.322.6841		
									Landscape Architects Traffic/Transportation	• Maryland	Job No.	XXX				Licenses:		
									• Texas						Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926			
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Drawing name: J:\500891\Roadway\Roadway\RD1502001_OAK.DRW17 - Stationing Jul 11, 2020 - 11:30am sample



Regular		Exc.		Embankment	
A	V	A	V	A	V
7	9	0	2		
3	14	2	2		
12	0	0	0		
SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL		TOTAL -		23	4



Regular		Exc.		Embankment	
A	V	A	V	A	V
8	15	2	2		
8	13	0	0		
SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL		TOTAL -		28	2

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1				1			
2				2			
3				3			
4				4			
5				5			



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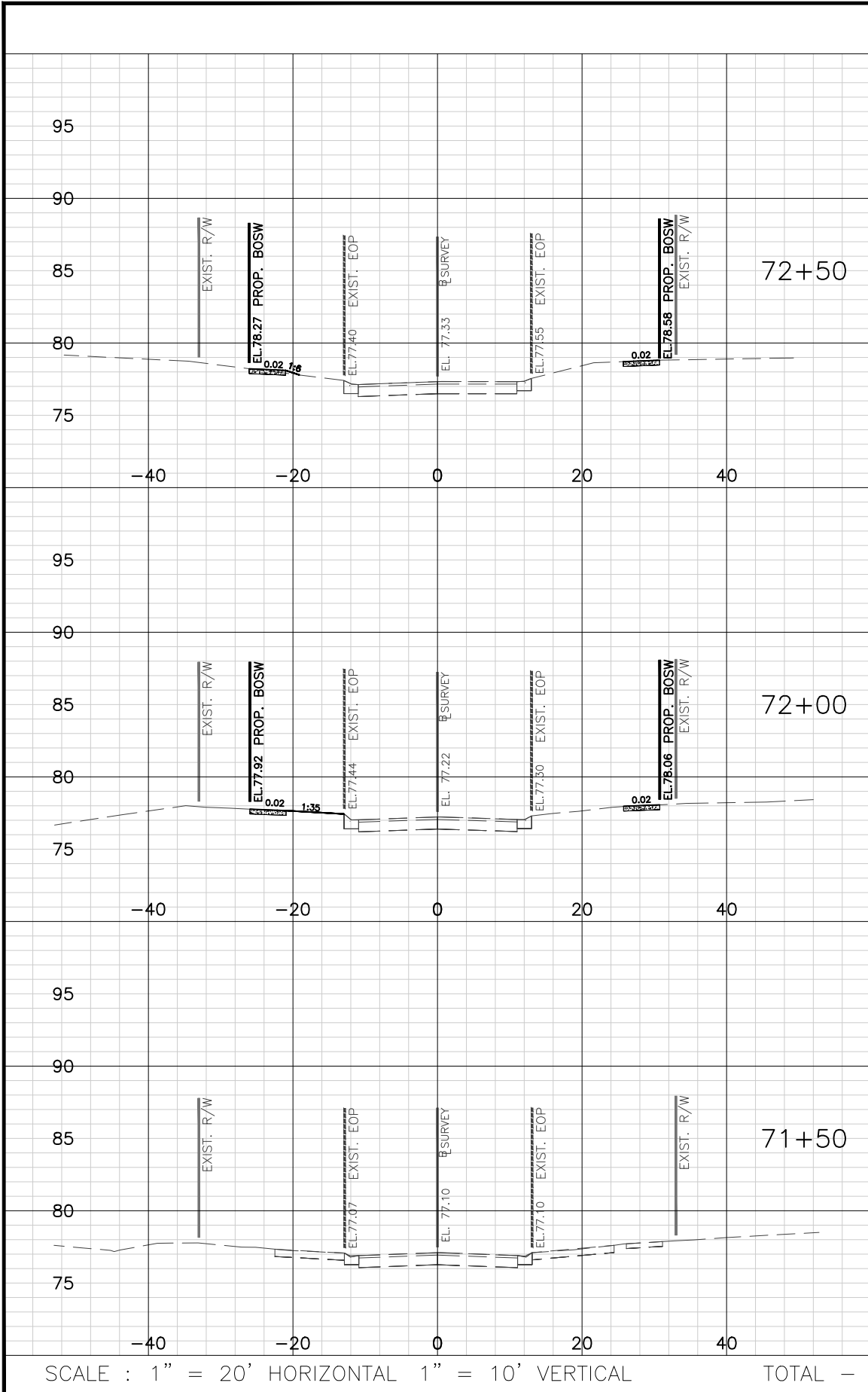
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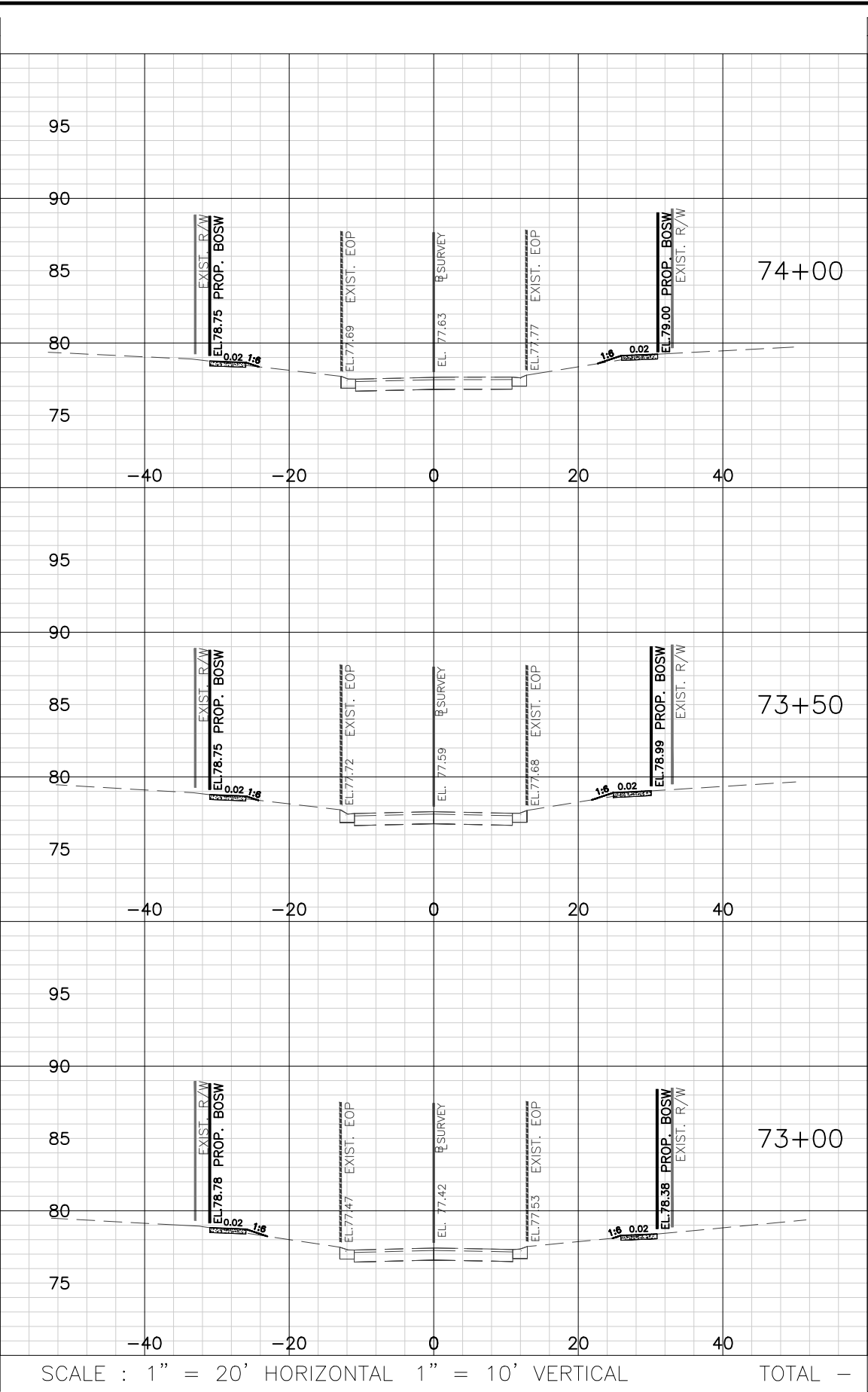
Cross Section
Oak Dr

Sheet No.
62

Drawing Name: J:\S0998\Roadway\Roadway\RD01_JAY - Static.dwg Jul 31, 2020 - 11:37am amjgla



Regular		Exc.	Embankment	
A	V		A	V
4		8	0	0
4		4	0	0
0		0	0	0
12			0	



Regular		Exc.	Embankment	
A	V		A	V
3		6	0	1
3		5	0	1
3		6	0	1
17			3	

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△				△			
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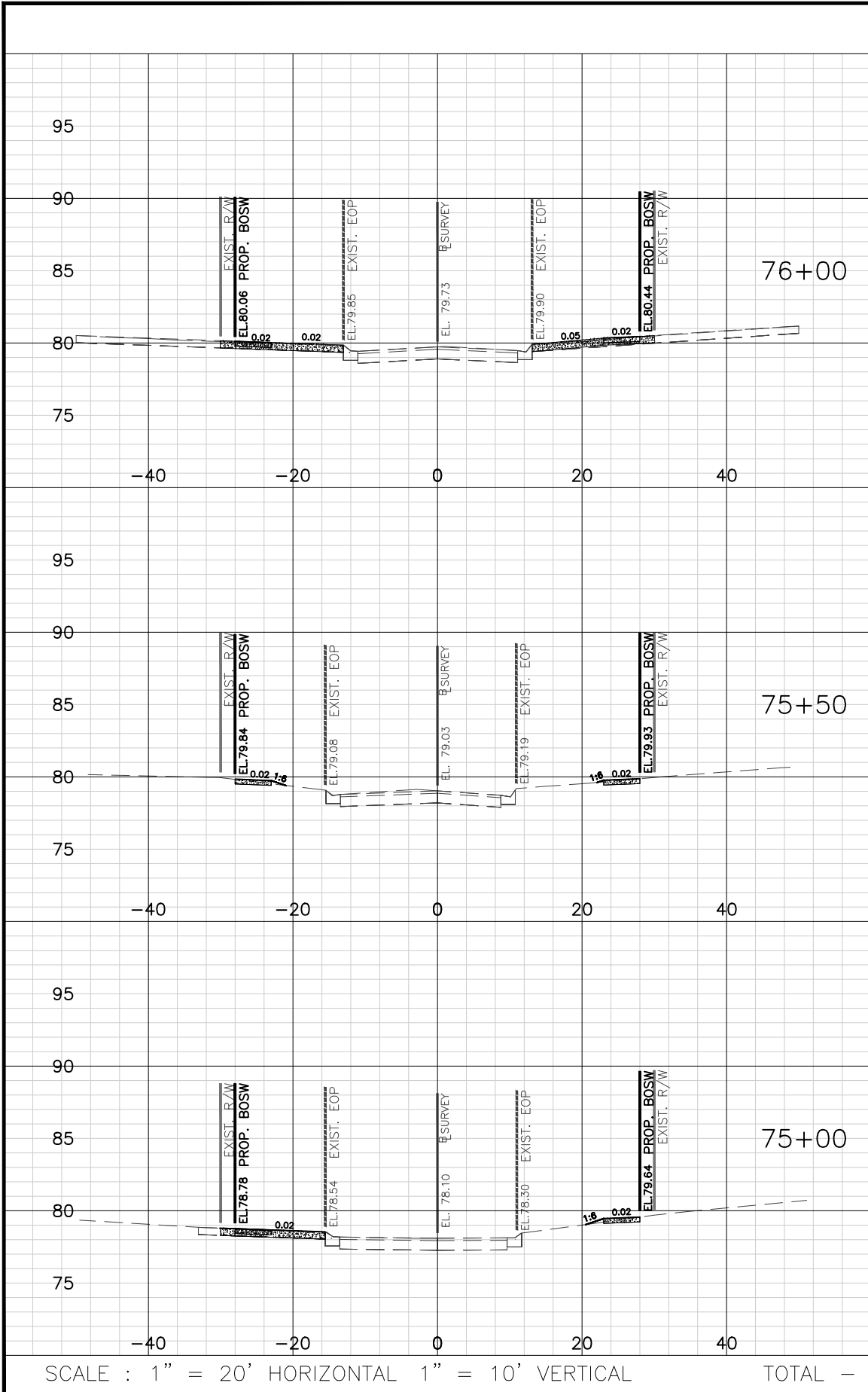
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JOSEPH MICHAEL LOFASO, P.E.
FL P.E. No. 88718

Cross Section
Jay Drive

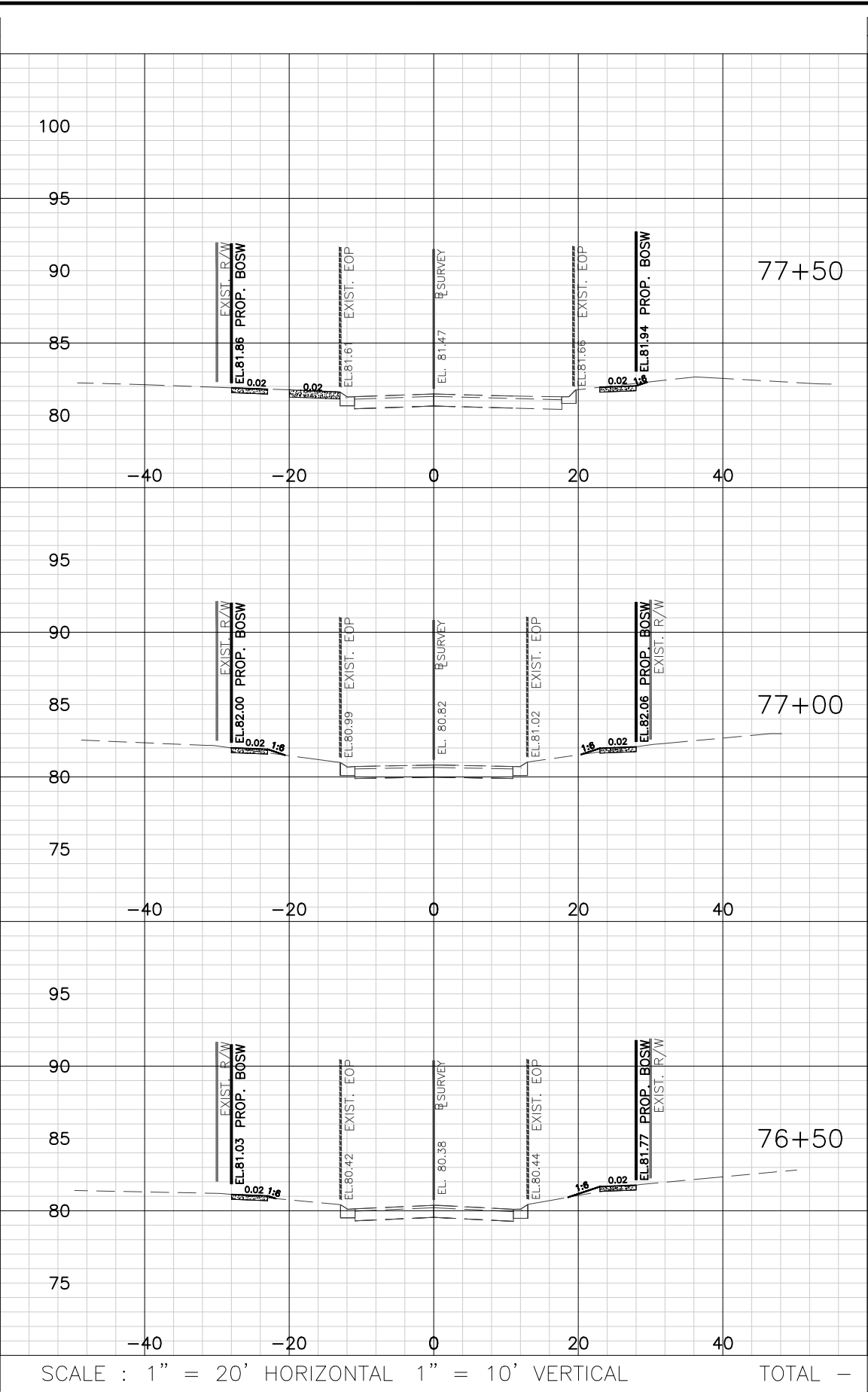
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63

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SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
18			0	
	18			0
2			0	
	13			1
9			1	
	19			2
50			3	



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V		A	V
9			0	
	11			1
2			1	
	4			1
3			1	
	19			1
34			3	

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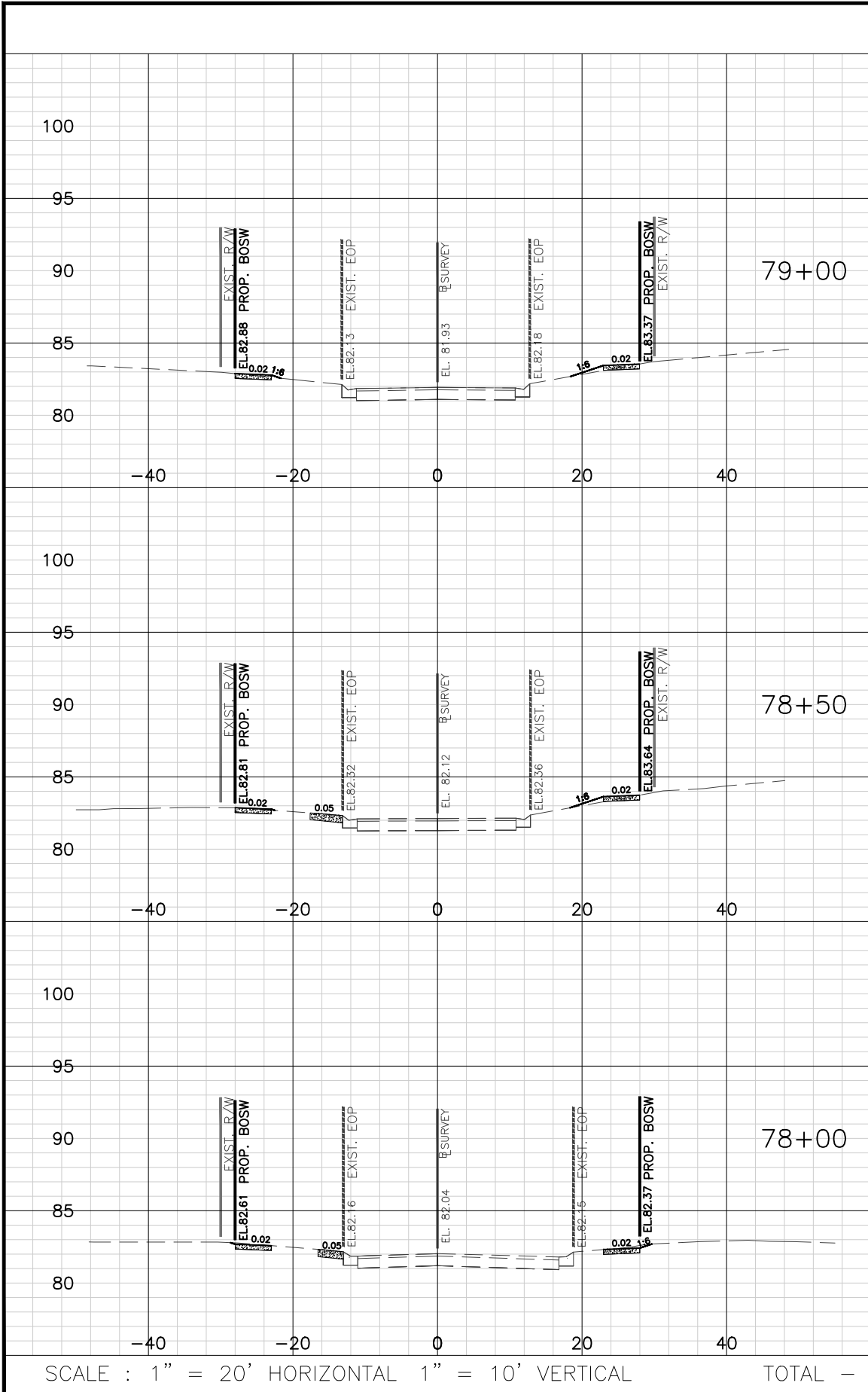
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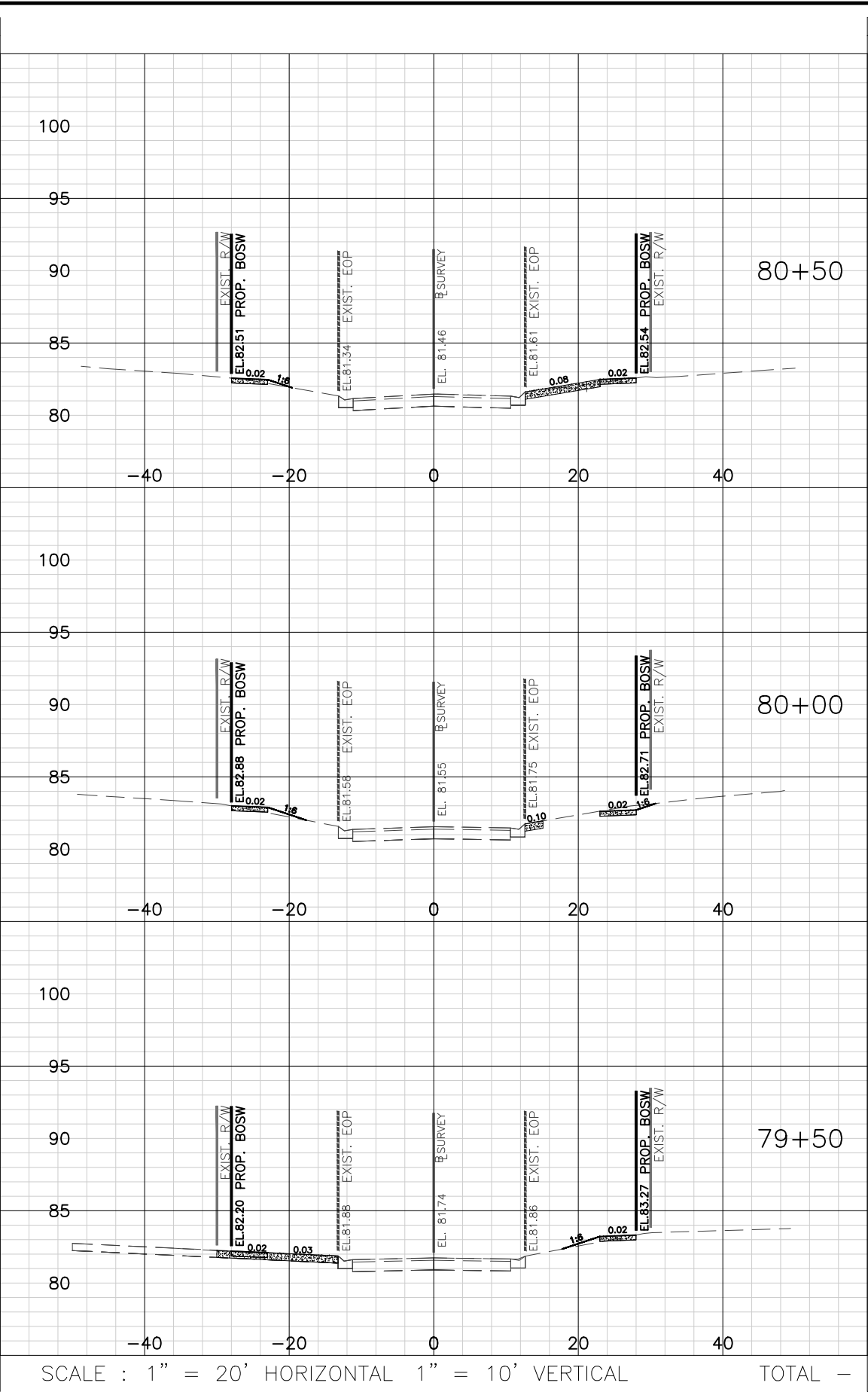
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64

Drawing Name: J:\50996Roadway\Roadway\FDSE\RD01_JAY - Static.dwg Jul 31, 2020 - 11:37am amjgja



Regular		Exc.	Embankment	
A	V		A	V
3	8		0	1
6	12		0	0
7	15		0	0
35			1	



Regular		Exc.	Embankment	
A	V		A	V
8	13		0	1
6	14		1	1
9	11		1	1
38			3	

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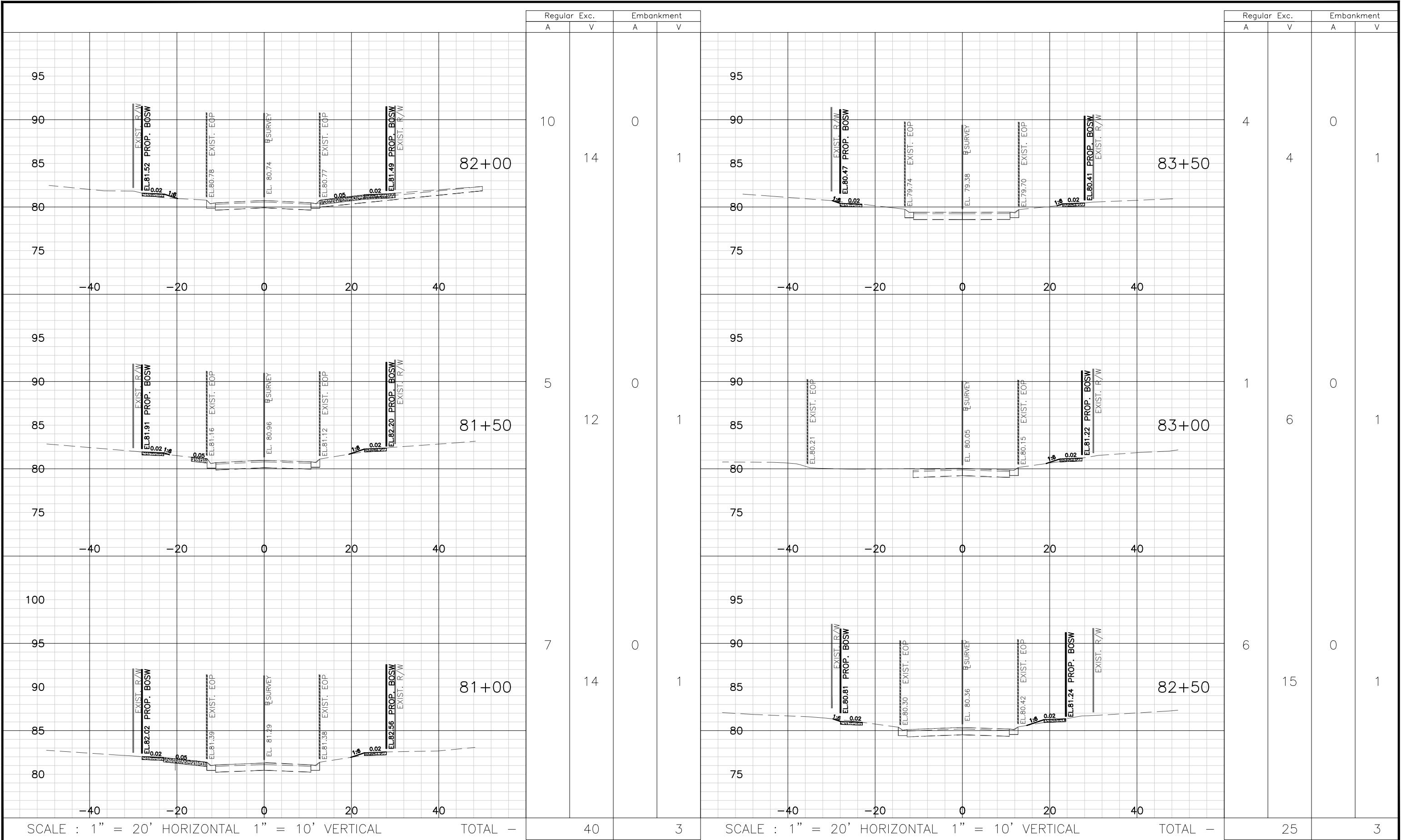
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66

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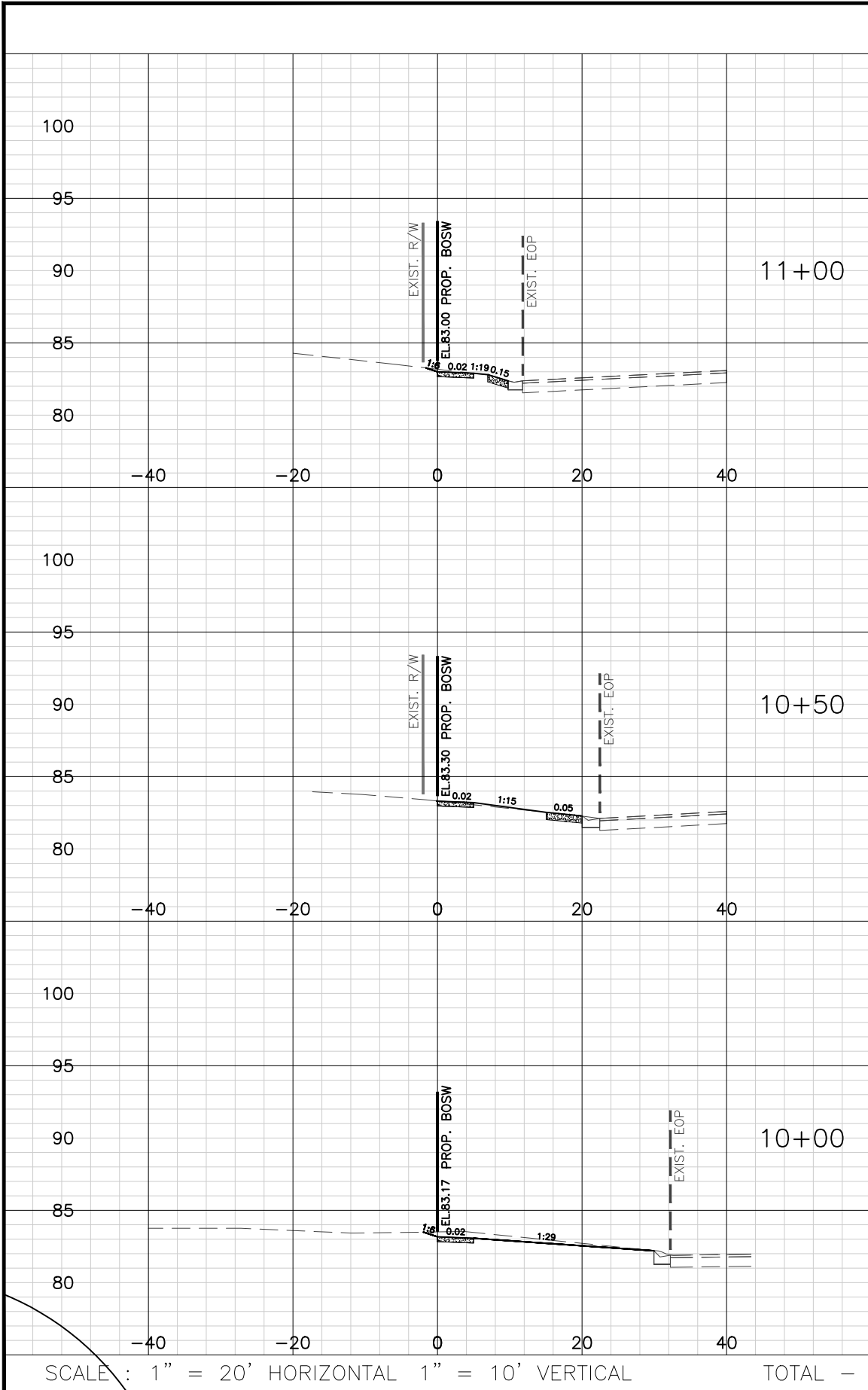
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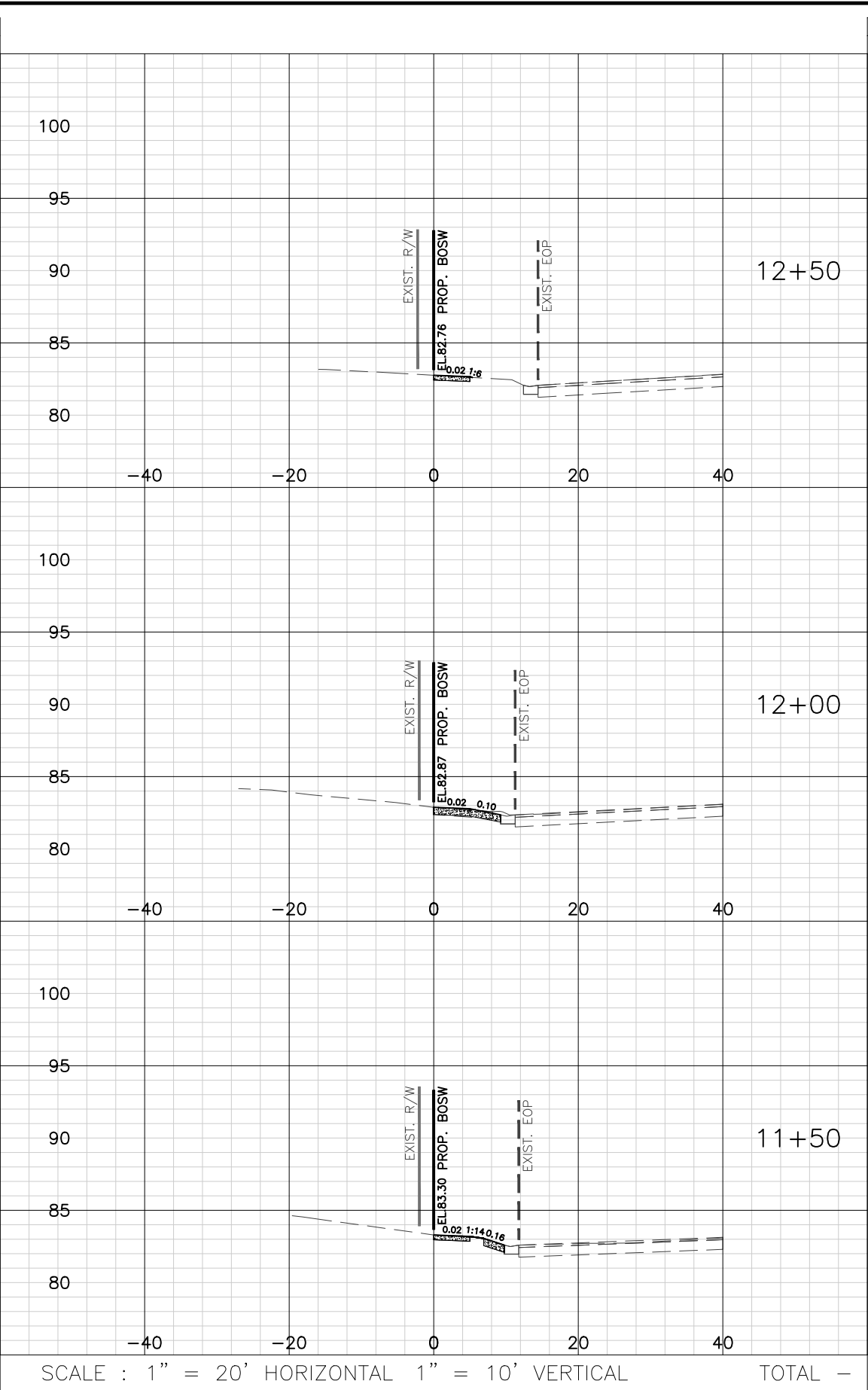
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69

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SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V	A	V	
3	6	0	0	
4	7	0	0	
4	0	0	0	
13		0		



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V	A	V	
3	6	0	0	
4	6	0	0	
3	6	0	0	
18		0		

No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
4				4			



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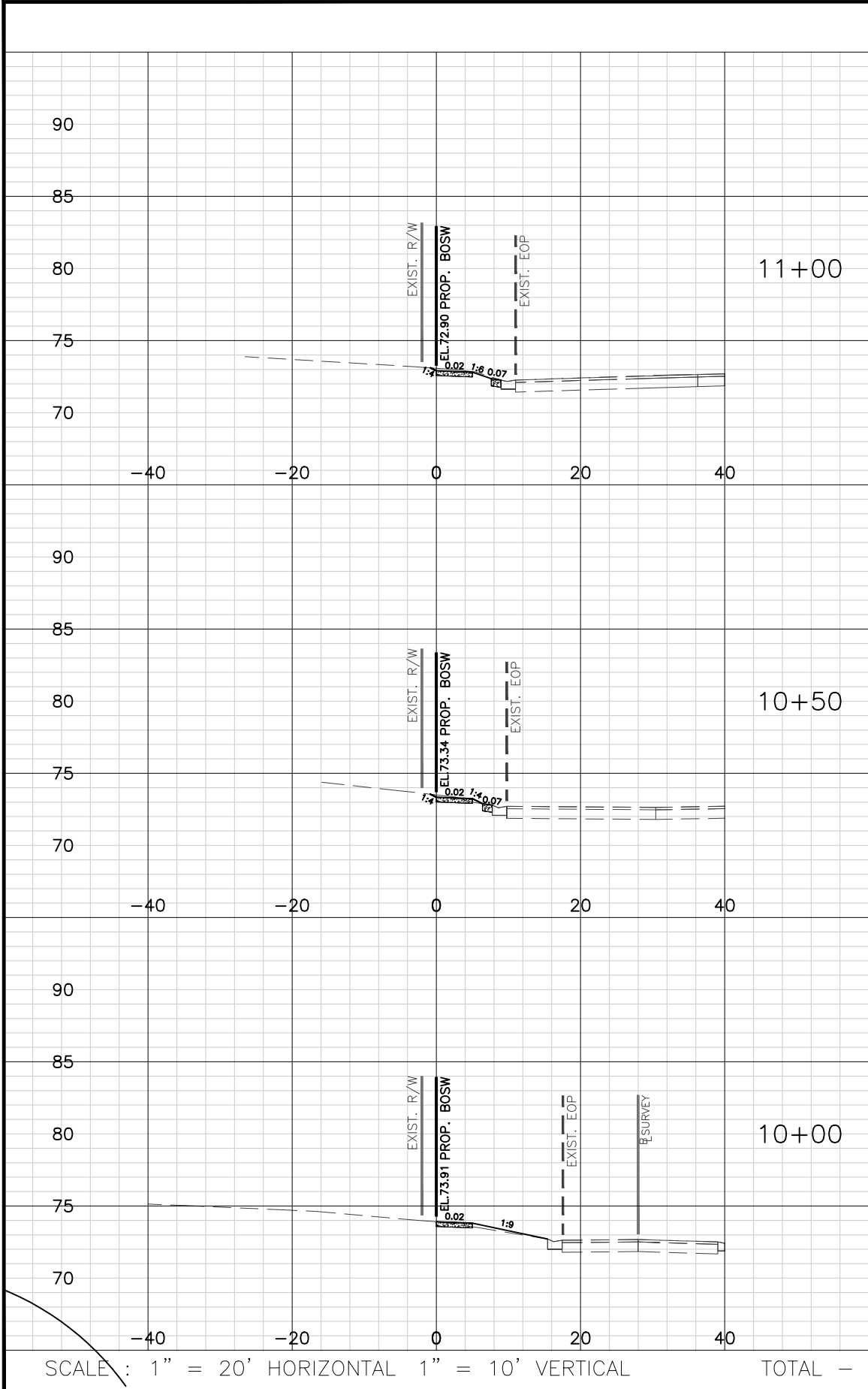
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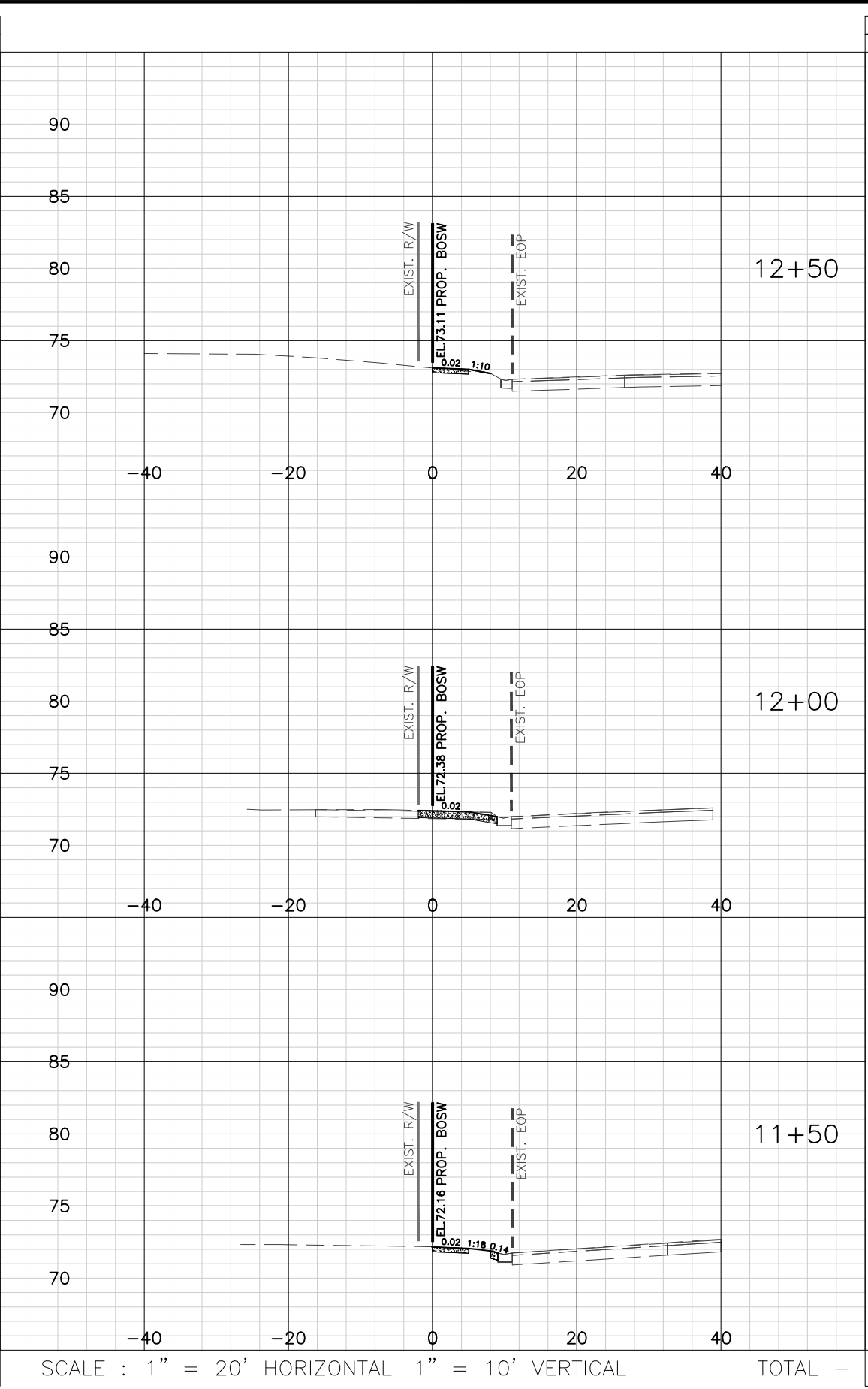
Cross Section
Joanne Court

Sheet No.
70



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V	A	V	
3	4	0	0	
2	3	0	3	
1	0	3	0	
7		3		



SCALE : 1" = 20' HORIZONTAL 1" = 10' VERTICAL TOTAL -

Regular		Exc.	Embankment	
A	V	A	V	
1	6	0	0	
6	7	0	0	
2	4	0	0	
17		0		

No.	Date	Revision	By	No.	Date	Revision	By
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△				△			
△				△			
△				△			



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72

