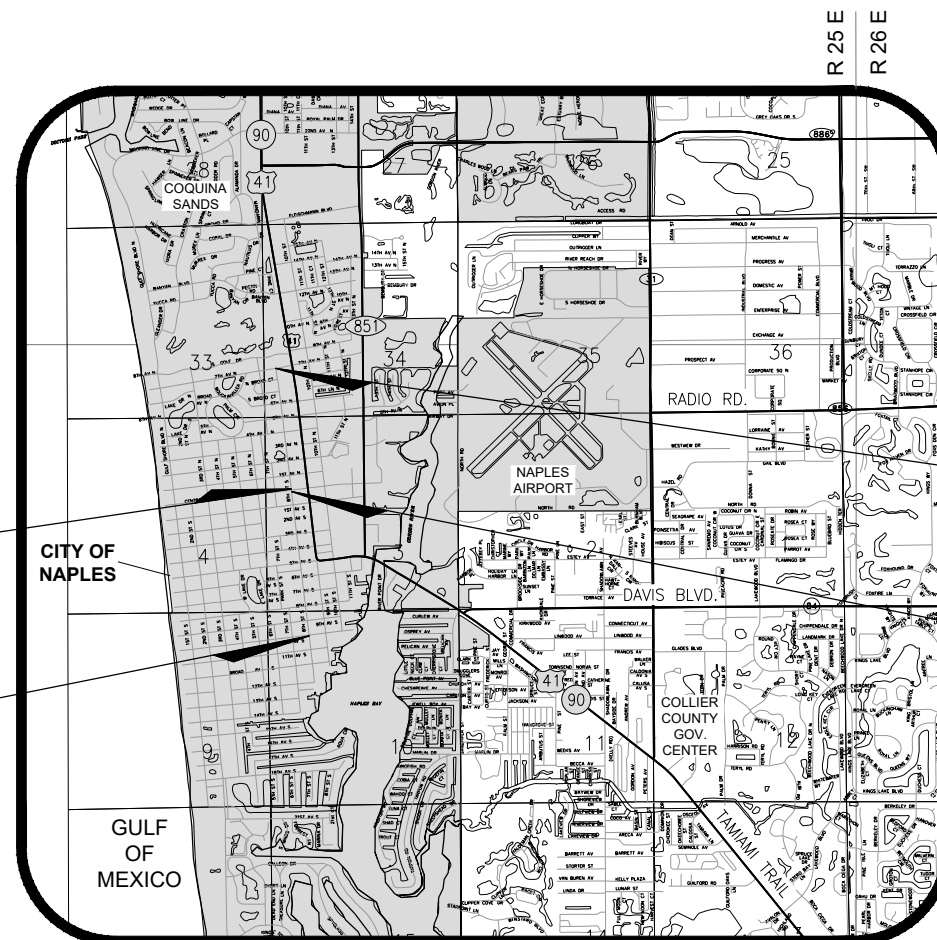
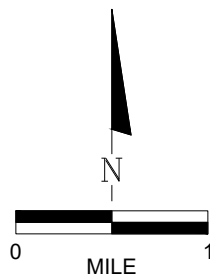


COMPONENTS OF CONTRACT PLAN SET

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNAL PLANS
- LIGHTING PLANS
- LANDSCAPE PLANS
- IRRIGATION PLANS

Index of Roadway Plans

Sheet No.	Description
1	KEY SHEET
2-4	SUMMARY OF PAY ITEMS
5-8	TYPICAL SECTIONS
9	MISCELLANEOUS DRAINAGE DETAILS
10-11	SUMMARY OF DRAINAGE STRUCTURES
12-14	UTILITY ADJUSTMENT PLAN DETAILS
15	GENERAL NOTES
16-18	PROJECT LAYOUT SHEETS
19-39	PLAN SHEETS
40-71	UTILITY ADJUSTMENT PLANS
72-103	PROFILE SHEETS
104-108	INTERSECTION GRADING DETAILS
109-121	DRAINAGE STRUCTURES
122-159	CROSS SECTIONS
160-177	DRIVEWAY SECTIONS
178-179	EROSION CONTROL PLANS
180	CONSTRUCTION PHASING GENERAL NOTES
181-182	CONSTRUCTION PHASING DETAILS



Location Map

PROJECT LENGTH IS BASED ON ½ CONSTRUCTION

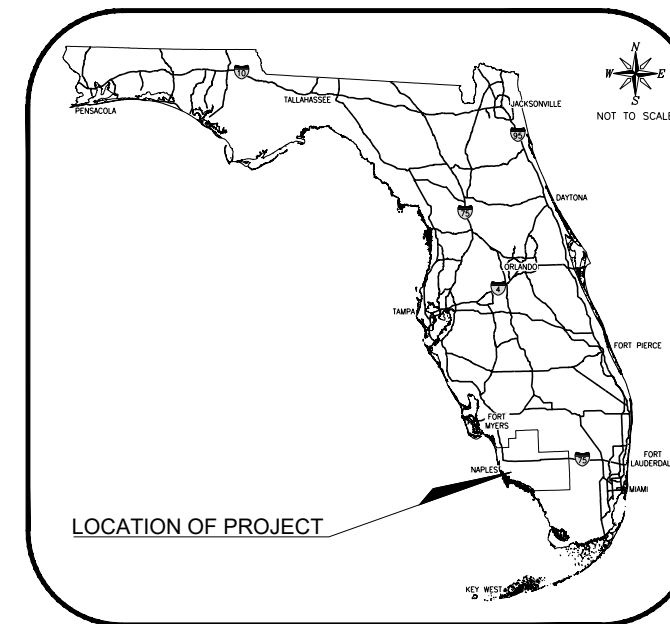
LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY & UTILITY IMPROVEMENTS - 8TH STREET	7446.32	1.410
NET LENGTH OF PROJECT	7446.32	1.410
EXCEPTIONS	0.00	0.000
GROSS LENGTH OF PROJECT	7446.32	1.410

CITY OF NAPLES PROJECT MANAGER: GREGG STRAKALUSE, P.E.

CONTRACT PLANS

**CITY OF NAPLES
COLLIER COUNTY**

8th Street Improvements



LOCATION OF PROJECT

SHOP DRAWINGS TO BE SUBMITTED TO:

END PROJECT-PHASE II
STA 87+19.68

ROADWAY/DRAINAGE PLANS
PROFESSIONAL OF RECORD:

R. DANIEL FLYNN, P.E.
Q. GRADY MINOR & ASSOC., P.A.
3800 VIA DEL REY
BONITA SPRINGS, FL 34134
FLORIDA P.E. LICENSE NO. 76205
EB/LB 0005151

END PROJECT-PHASE I
STA 52+00.00

UTILITY PLANS
PROFESSIONAL OF RECORD:

JUSTIN A. FREDERIKSEN, P.E.
Q. GRADY MINOR & ASSOC., P.A.
3800 VIA DEL REY
BONITA SPRINGS, FL 34134
FLORIDA P.E. LICENSE NO. 66086
EB/LB 0005151

Prepared by:



Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Revisions

Revision	Date	Description	By

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

GOVERNING DESIGN STANDARDS:

FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2018-19 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE INTERIM REVISIONS (IRs).

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

GOVERNING STANDARD SPECIFICATIONS:

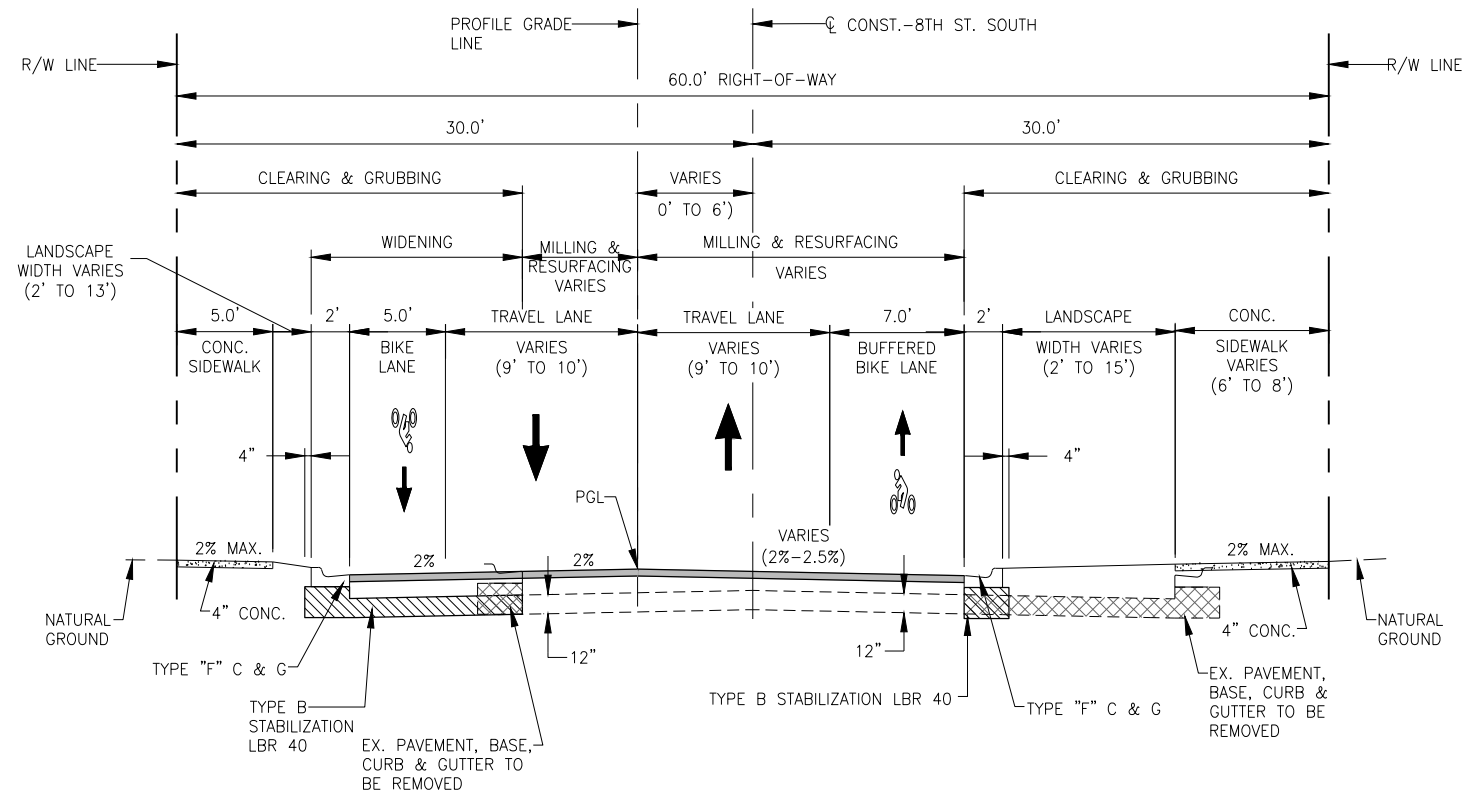
FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2018 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AT THE FOLLOWING WEBSITE: <http://www.fdot.gov/programmanagement/implemented/SpecBooks>

DATE: DECEMBER, 2018
FILE NAME: CN007-COV.DWG
JOB CODE: CN007
DRAWING NUMBER: 1 OF 182

SUBMITTAL
100%

8th Street Improvements





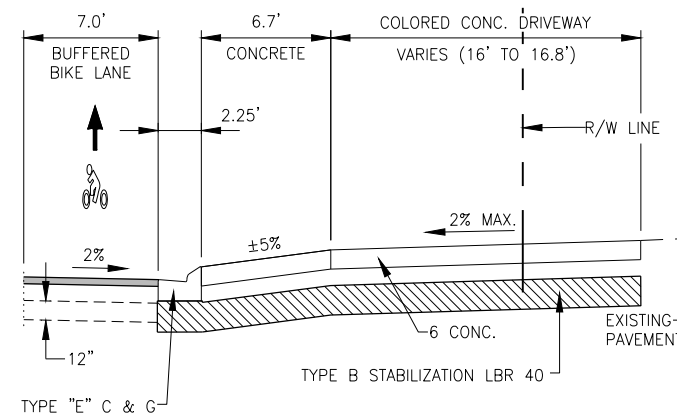
**TYPICAL SECTION
8TH STREET NORTH
STA. 53+92.65 TO STA. 87+19.68
N.T.S**

MAINLINE MILLING & RESURFACING

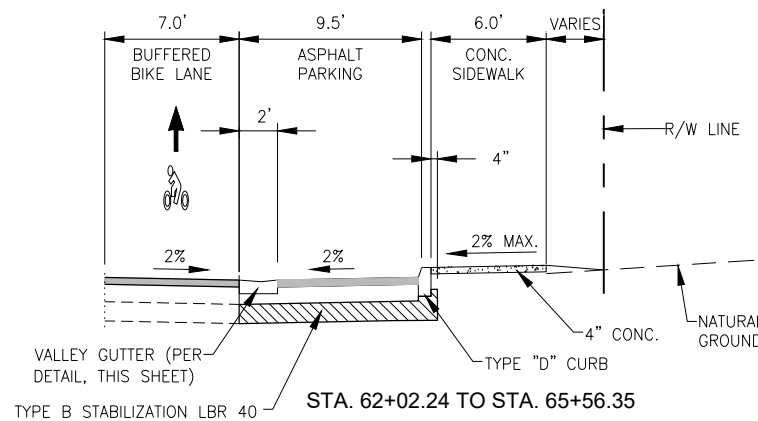
MILL EXISTING ASPHALT (2.5" AVERAGE DEPTH)
TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC B) (1.5")
AND FRICTION COURSE FC-9.5 (1")

WIDENING / RECONSTRUCTION

OPTIONAL BASE GROUP 8 (TYPE B-12.5 ONLY) WITH
TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC B) (1.5")
AND FRICTION COURSE FC-9.5 (1")



STA. 57+65.05 TO STA. 61+05.12



STA. 62+02.24 TO STA. 65+56.35

NOTES

DESIGN SPEED 35 M.P.H.
POSTED SPEED 30 M.P.H.

TRAFFIC DATA

- A. CURRENT YEAR 2018: 4,700
- B. ESTIMATED OPENING YEAR 2019: 4,700
- C. ESTIMATED DESIGN YEAR 2029: 5,700

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE:	11x17 1" = 10'



Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

8th Street Improvements

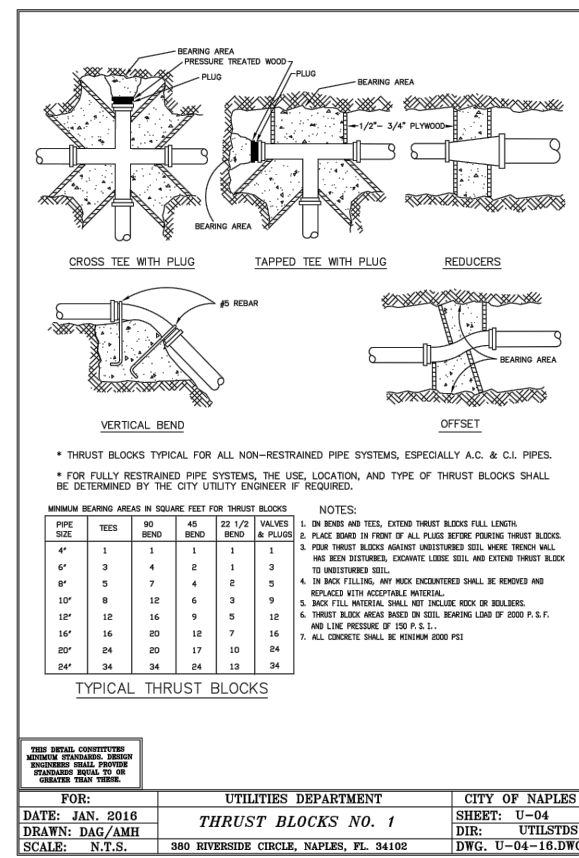
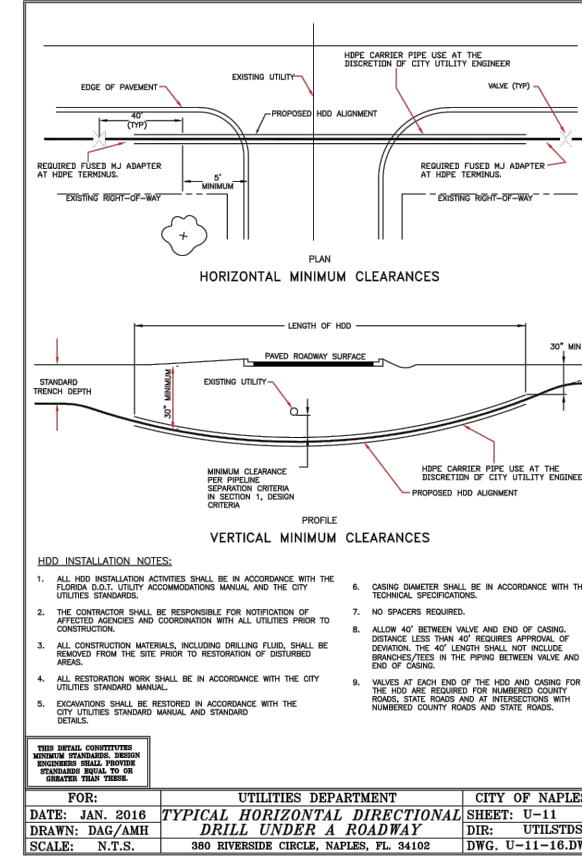
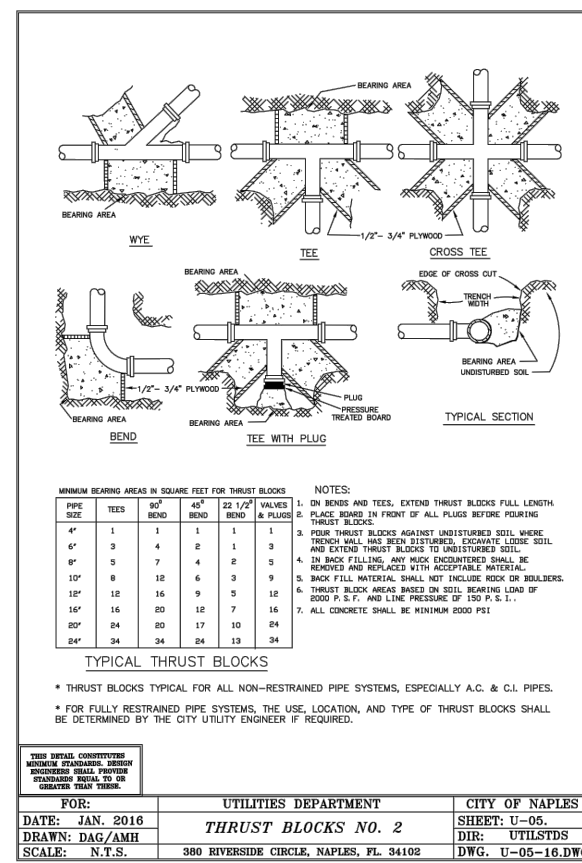
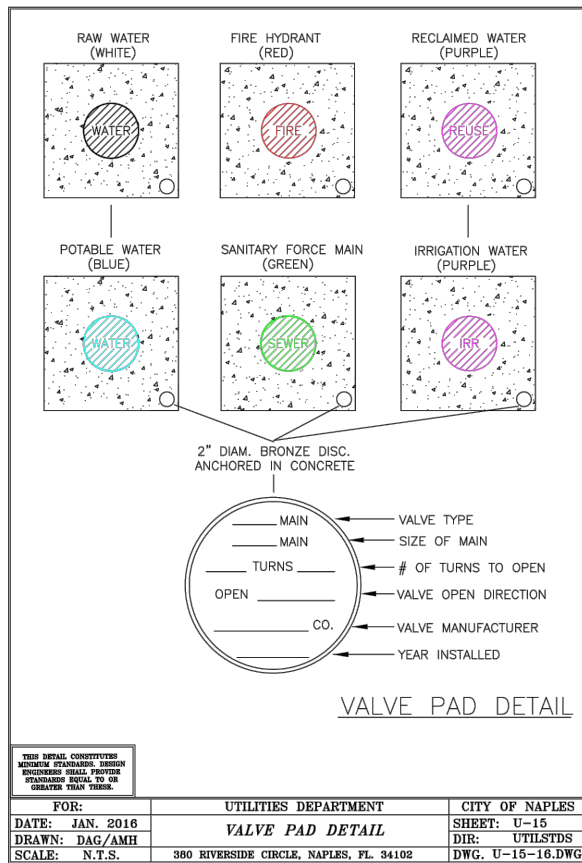
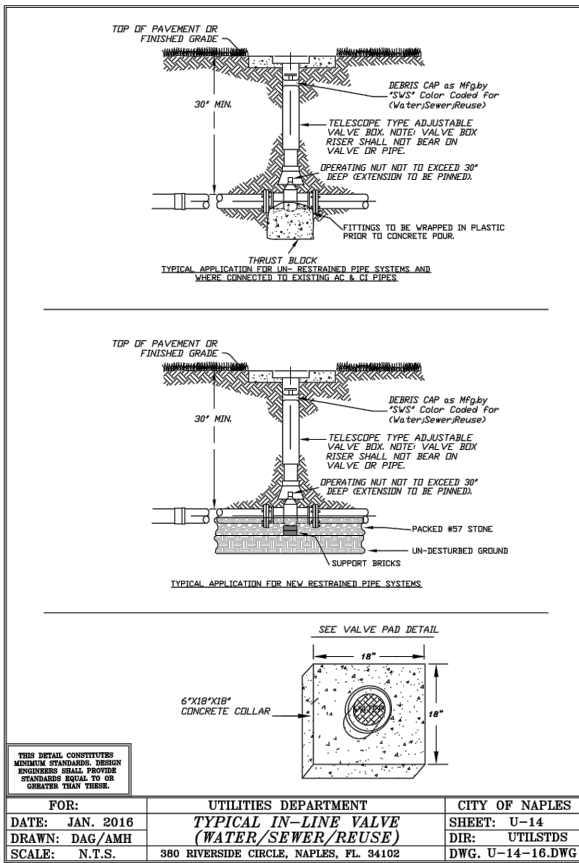
TYPICAL SECTIONS - 3

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	7 OF 182

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%PLAN\8TH-CONV-1/4/2019-3:33 PM



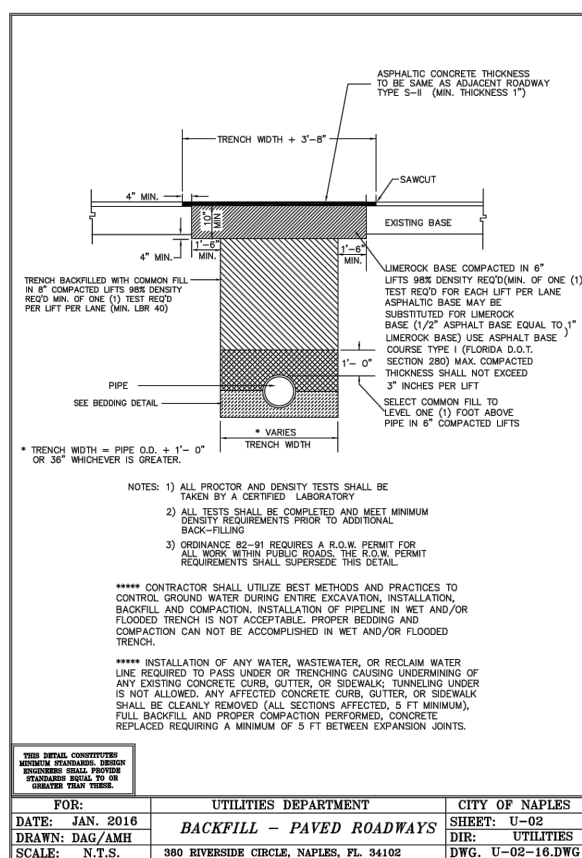
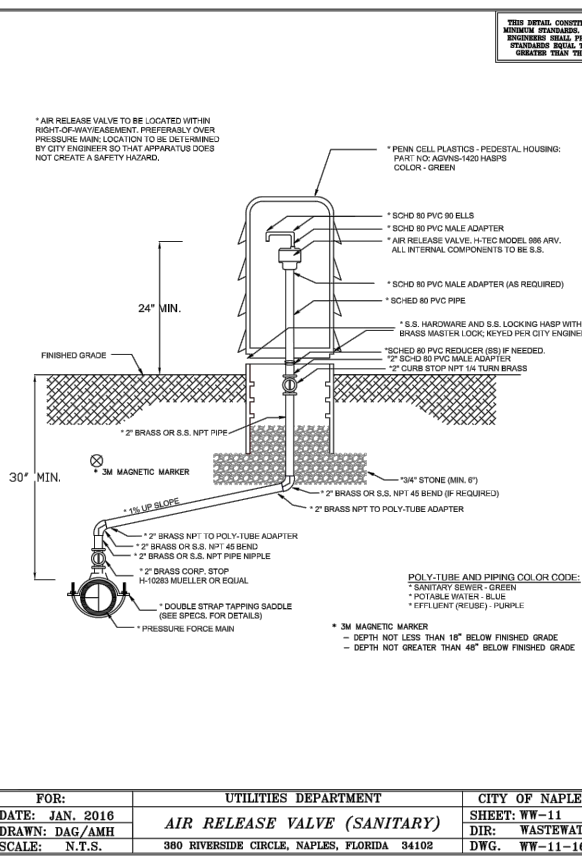
RESTRAINED PIPE LENGTH IN FEET (1)

PIPE SIZE IN INCHES	HORIZONTAL BENDS				DEAD ENDS (2)	45° VERTICAL BENDS	
	90°	45°	22-1/2°	11-1/4°		UPPER	LOWER
4	23	9	5	2	55	23	8
6	32	13	6	3	77	32	11
8	41	17	8	4	100	41	14
10	51	21	10	5	125	51	18
12	61	25	12	6	150	61	22
14	71	29	14	7	175	71	26
16	81	33	16	8	200	81	30
18	91	37	18	9	225	91	34
20	101	41	20	10	250	101	38
22	111	45	22	11	275	111	42
24	121	49	24	12	300	121	46
26	131	53	26	13	325	131	50
28	141	57	28	14	350	141	54
30	151	61	30	15	375	151	58
32	161	65	32	16	400	161	62
34	171	69	34	17	425	171	66
36	181	73	36	18	450	181	70

RESTRAINED PIPE LENGTH IN FEET (1)

PIPE SIZE IN INCHES	RESTRAINED PIPE LENGTH IN FEET (1)	
	TEE (3)	REDUCER (4)
6 x 4	0	40
6 x 6	34	72
8 x 4	0	74
8 x 8	55	74
10 x 6	3	74
10 x 10	75	108
12 x 4	0	122
12 x 8	31	75
12 x 12	95	108
16 x 6	0	153
16 x 10	44	107
16 x 16	134	108
18 x 8	0	157
18 x 12	68	108
18 x 18	152	108
20 x 10	20	161
20 x 16	120	77
20 x 20	170	108
24 x 12	37	187
24 x 18	132	109
24 x 24	204	109
30 x 16	78	213
30 x 20	138	165
30 x 30	252	165
36 x 18	84	259
36 x 24	170	191
36 x 36	298	191

FOR: UTILITIES DEPARTMENT CITY OF NAPLES
 DATE: JAN. 2016 PIPE RESTRAINT SCHEDULE SHEET: U-09
 DRAWN: DAG/AMH DIR: UTILSTDS
 SCALE: N.T.S. 380 RIVERSIDE CIRCLE, NAPLES, FL. 34102 DWG. U-09-16.DWG



LEGEND

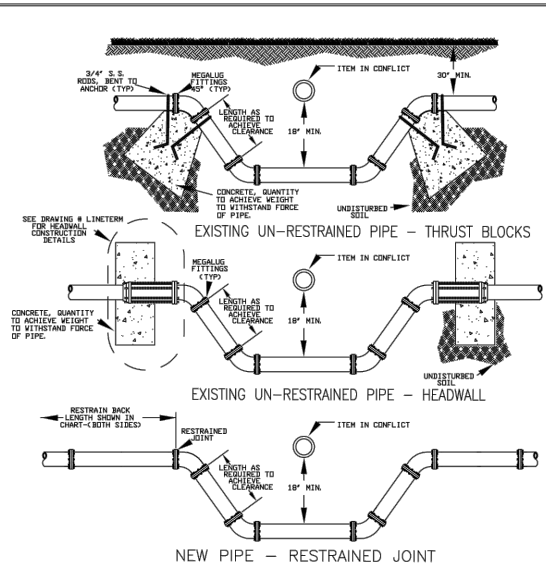
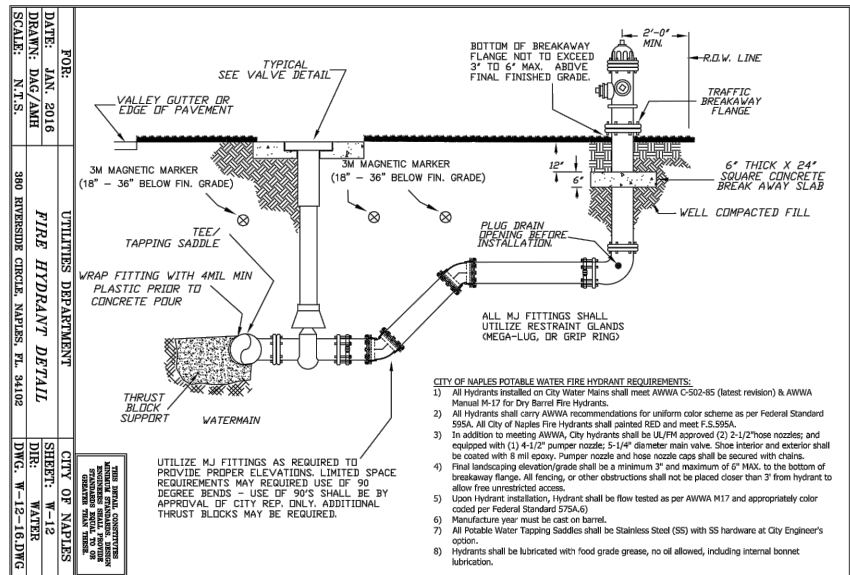
Revision	Date	Description

DESIGNED BY: R.D.F.
DRAWN BY: D.M.S.
APPROVED: R.D.F.
JOB CODE: CN007
SCALE: 11x17 N/A

GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements
 UTILITY ADJUSTMENT PLAN DETAILS
 ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY: CITY OF NAPLES
SEC/TWN/ROB: 34/49S & 3/50S/25E
DATE: DECEMBER, 2018
SUBMITTAL TYPE: 100% SUBMITTAL
SHEET 12 OF 182

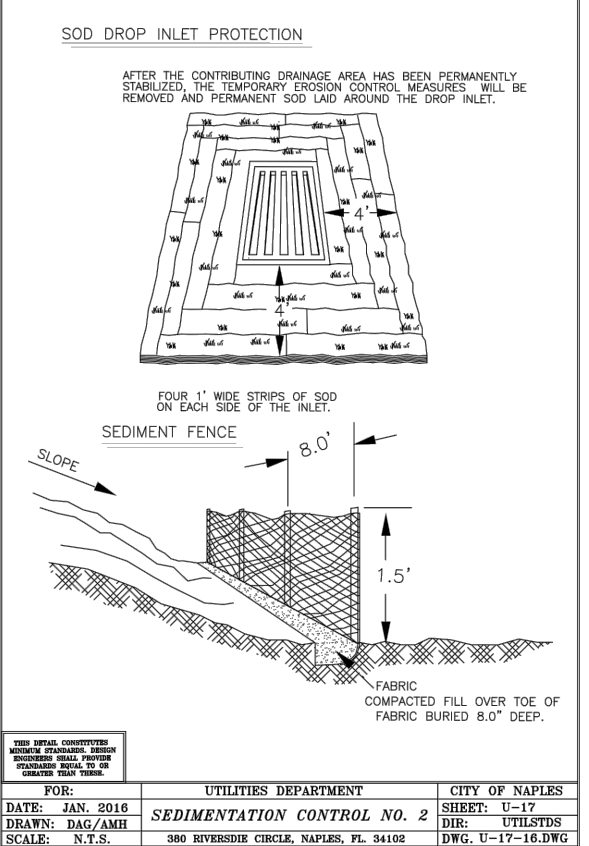
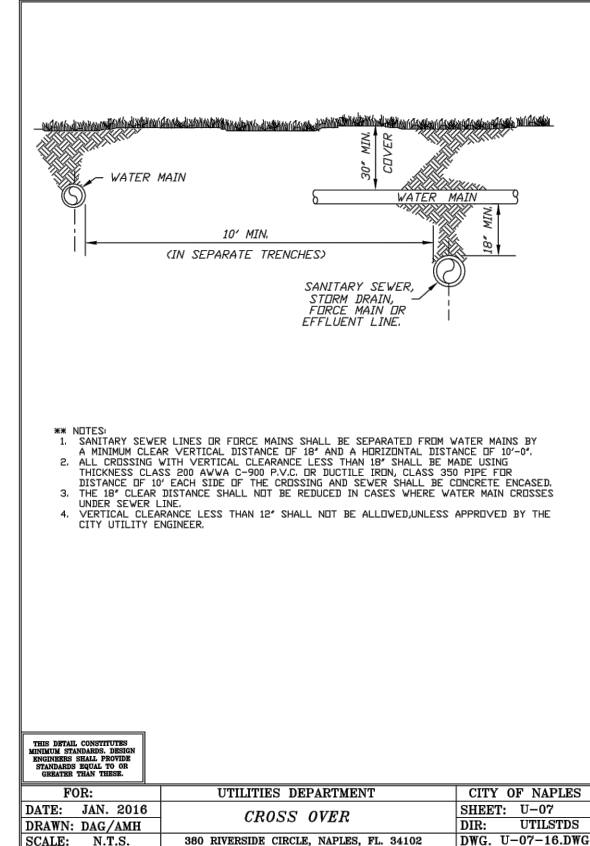
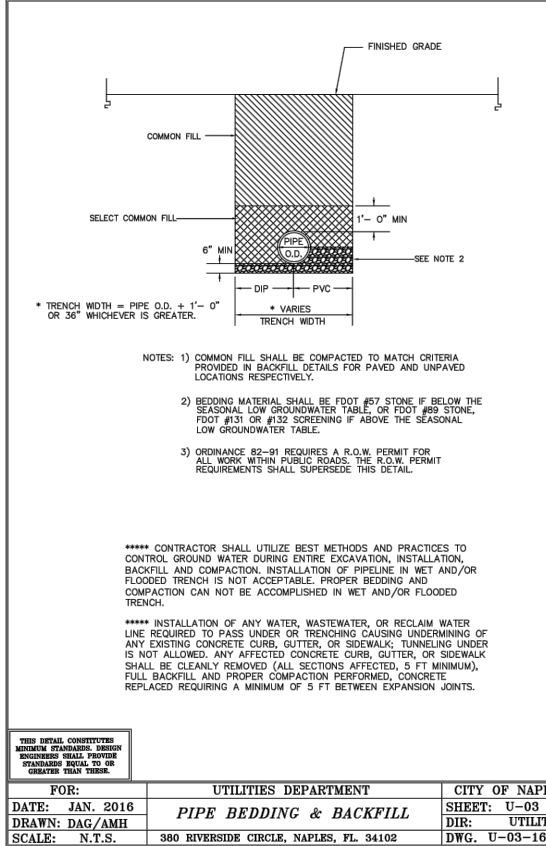
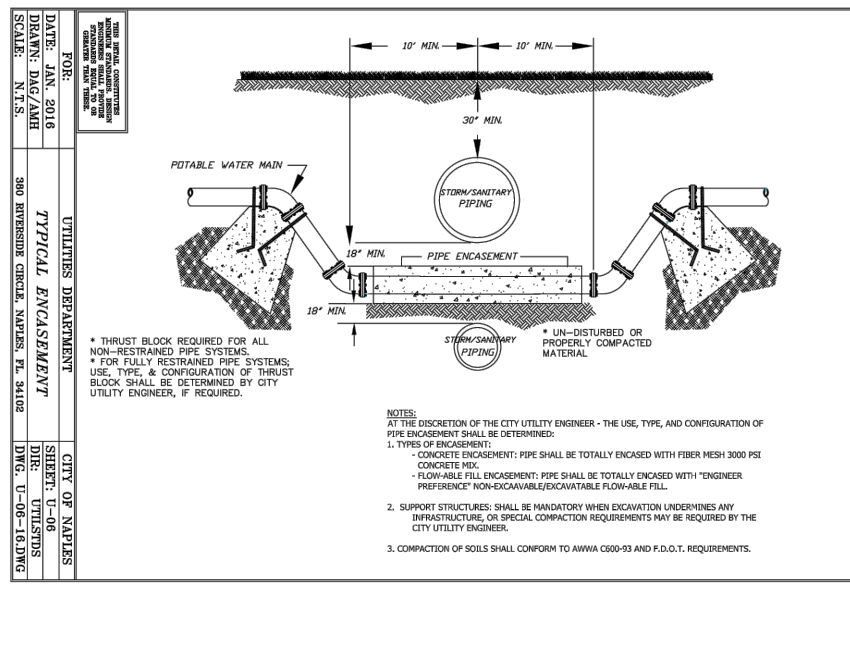
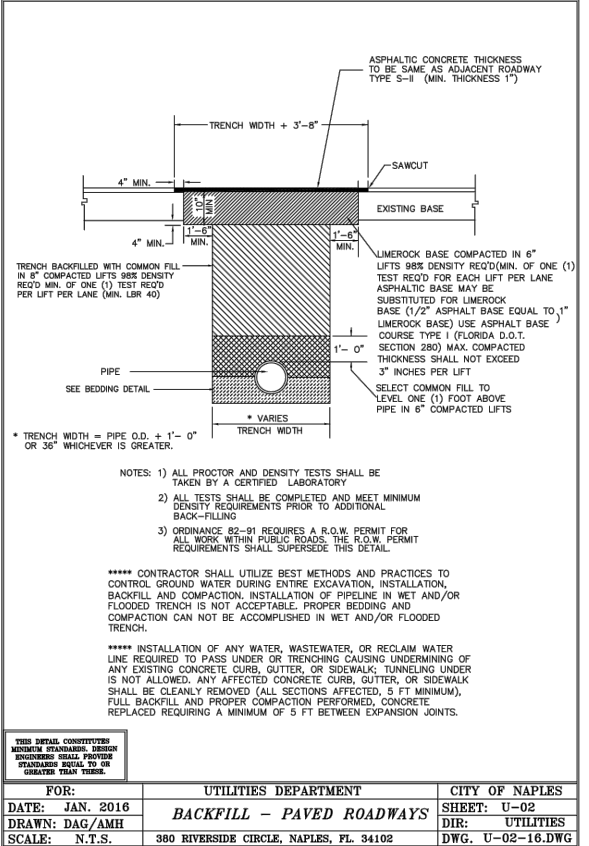
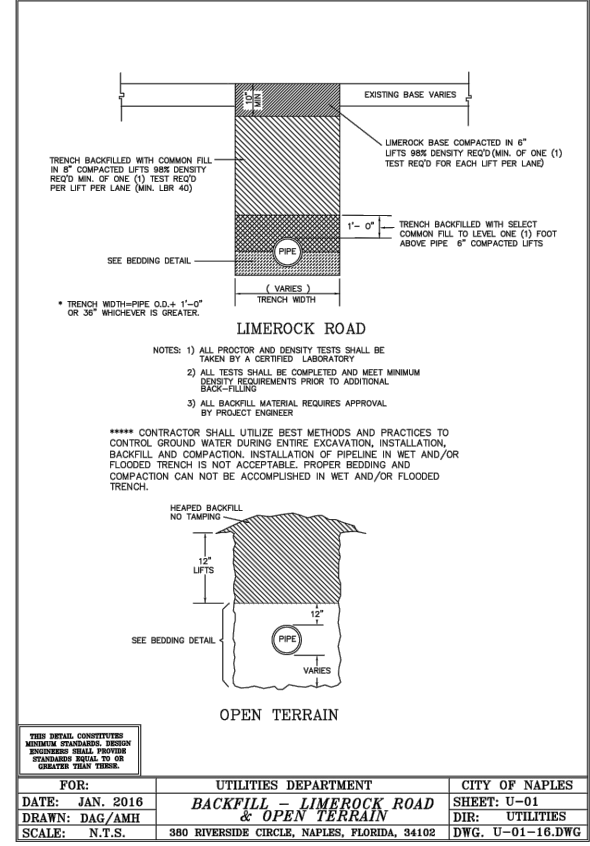


FOR: UTILITIES DEPARTMENT
DATE: JAN. 2016
DRAWN: DAG/AMH
SCALE: N.T.S.

CITY OF NAPLES
SHEET: U-08
DIR: UTILSTDS
DWG. U-08-16.DWG

UTILITIES DEPARTMENT
TYPICAL CONFLICT CROSSING
380 RIVERSIDE CIRCLE, NAPLES, FL 34102

THIS DETAIL CONSTITUTES MINIMUM STANDARDS. DESIGN ENGINEERS SHALL PROVIDE STANDARDS EQUAL TO OR GREATER THAN THESE.



LEGEND

Revision	Date	Description

DESIGNED BY:	R.O.F.
DRAWN BY:	D.M.S.
APPROVED:	
JOB CODE:	R.O.F.
	CN007
SCALE:	11x17 N/A

GradyMinor

Civil Engineers • Land Surveyors • Planners • Landscape Architects

3800 Via Del Rey
 Bonita Springs, Florida 34134

Fort Myers: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

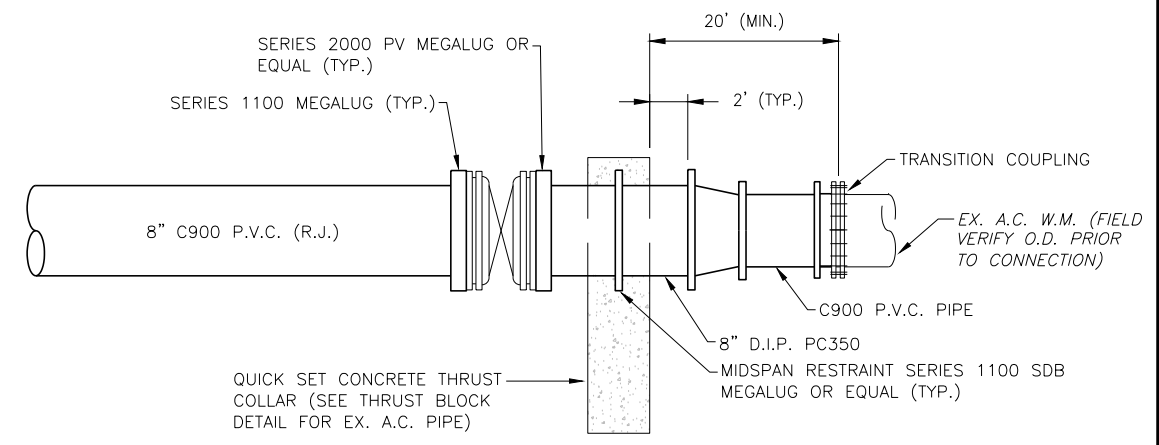
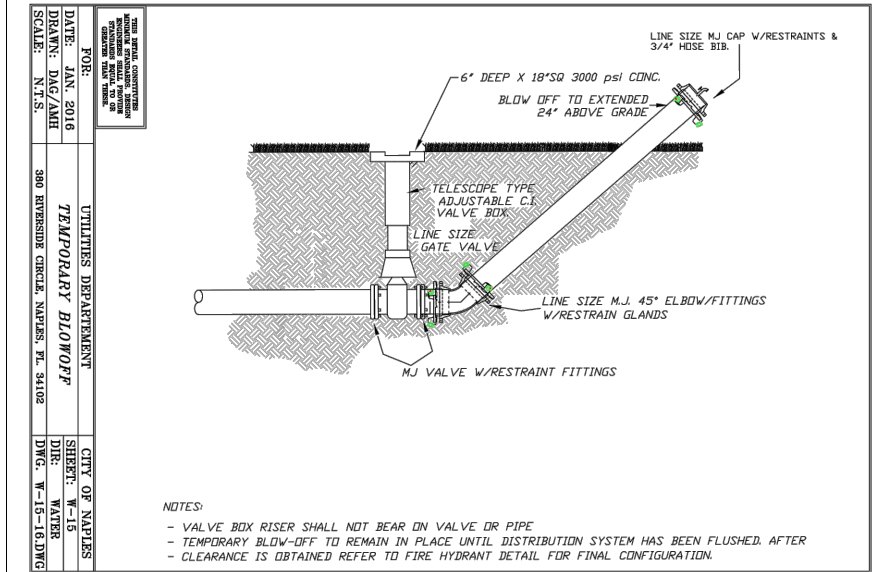
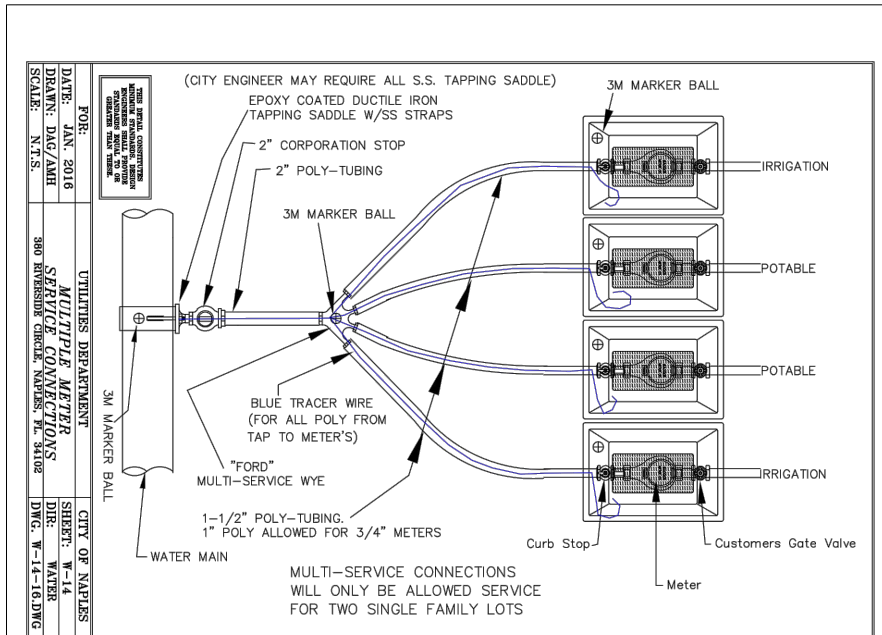
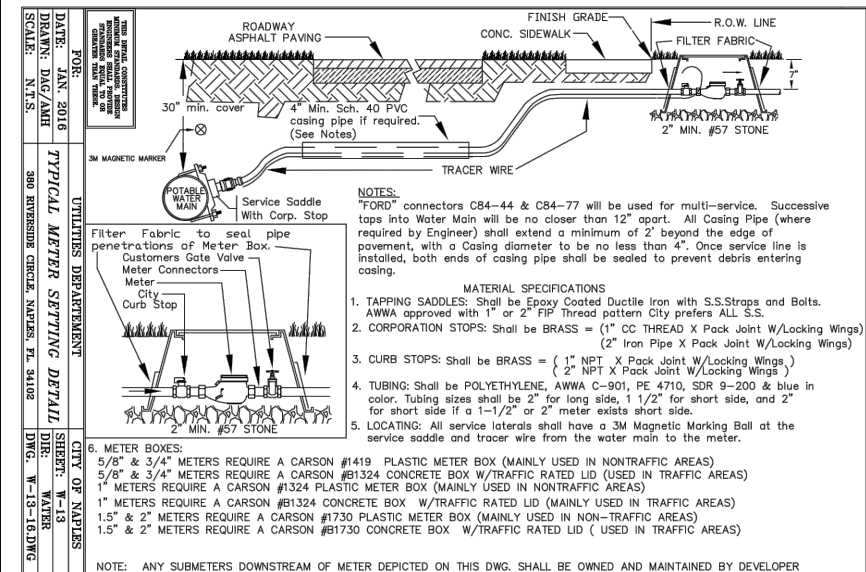
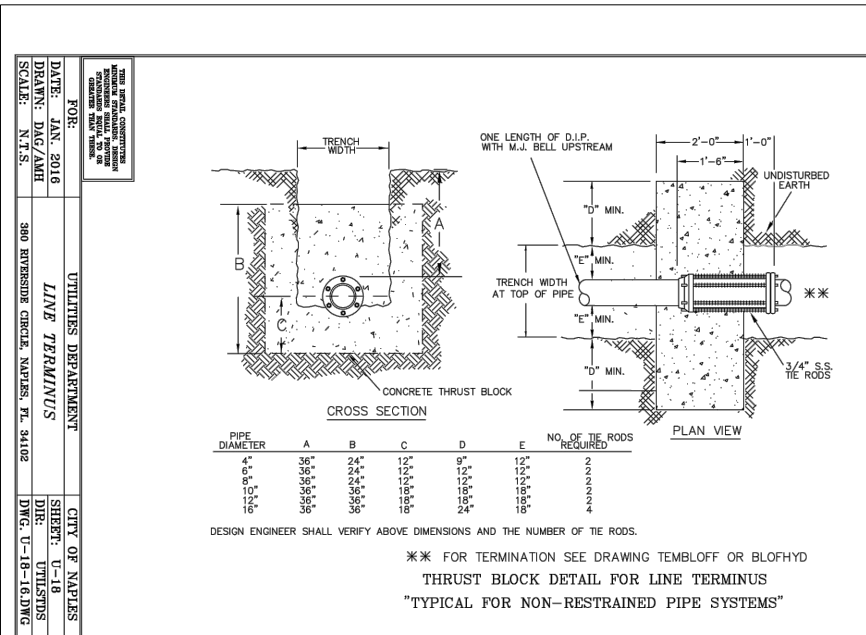
UTILITY ADJUSTMENT PLAN DETAILS

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY: CITY OF NAPLES
SEC/TWN/ROB: 34/49S & 3/50S/25E
DATE: DECEMBER, 2018
SUBMITTAL TYPE: 100% SUBMITTAL
SHEET 13 OF 182

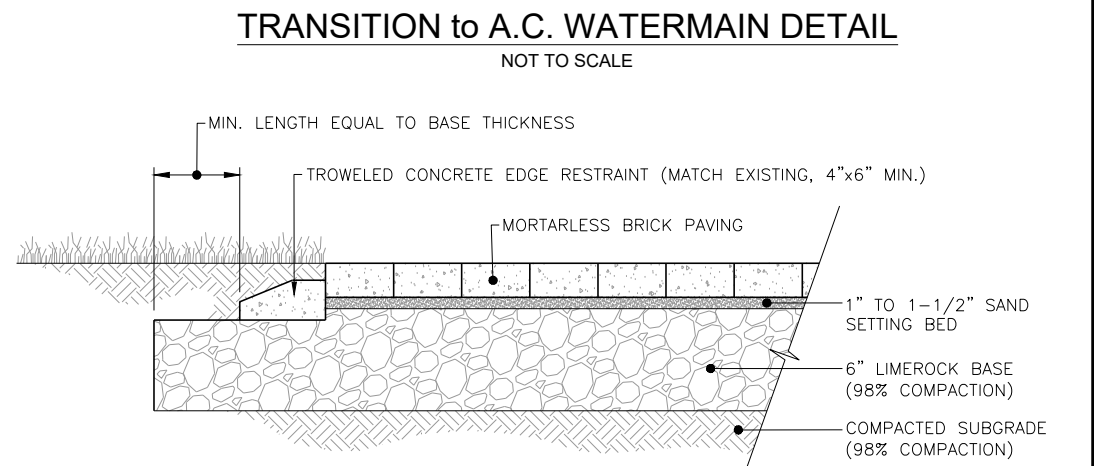
C:\ENGINEERING\PROJ-ENG\CN007-GT.DWG(SUBMITTAL)TYPE 90%_CN007-LIA.DET 1/4/2019 3:34 PM



PIPE DIAMETER	A	B	C	D	E	NUMBER OF TIE RODS REQUIRED	CY.
4"	9"	36"	20"	16"	3'-10"	2	.85
6"	12"	36"	21"	15"	4'-6"	2	1.00
8"	12"	36"	22"	14"	4'-8"	2	1.04
10"	12"	36"	23"	13"	4'-10"	2	1.07
12"	18"	36"	24"	12"	6'-0"	2	1.33
16"	18"	36"	32"	4"	6'-4"	4	1.41

DESIGN ENGINEER SHALL VERIFY ABOVE DIMENSIONS AND THE NUMBER OF TIE RODS.

- NOTES:
- CONTRACTOR SHALL COMPLETE CLEANING AND DISINFECTION PER SPECIFICATIONS PRIOR TO COMPLETING CONNECTION TO A.C. W.M. CONTRACTOR TO SWAB CONNECTIONS IN ACCORDANCE WITH AWWA AND PERMITTING REQUIREMENTS.
 - CONTRACTOR SHALL WAIT TO PRESSURIZE THE PIPELINE UNTIL THRUST COLLAR IS CURED.
 - CONTRACTOR SHALL MAKE A VISUAL INSPECTION OF ALL CONNECTION JOINTS FOR LEAKAGE PRIOR TO BACKFILLING (IN PRESENCE OF ENGINEER) AND PRESSURE TEST BETWEEN VALVES.
 - NEW PIPE JOINTS PER COLLIER COUNTY DETAIL G-10 (DEAD ENDS).
 - ALL RESTRAINING DEVICES SHALL HAVE MEGABOND (OR EQUAL) COATING AND SS HARDWARE.
 - CONTRACTOR SHALL FILL TRENCH WITH EXCAVATABLE FLOWABLE FILL TO 6 INCHES ABOVE TOP OF PIPES.



- NOTES:
- PROVIDE CONCRETE EDGE RESTRAIN/CURB ALONG ALL UNRESTRAINED EDGES OF PAVER DRIVEWAYS.
 - PROVIDE JOINTING SAND BETWEEN BRICK PAVERS.

TYPICAL BRICK PAVER DRIVEWAY
 (compacted base and subgrade)
 NOT TO SCALE

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE:	11x17 N/A

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266

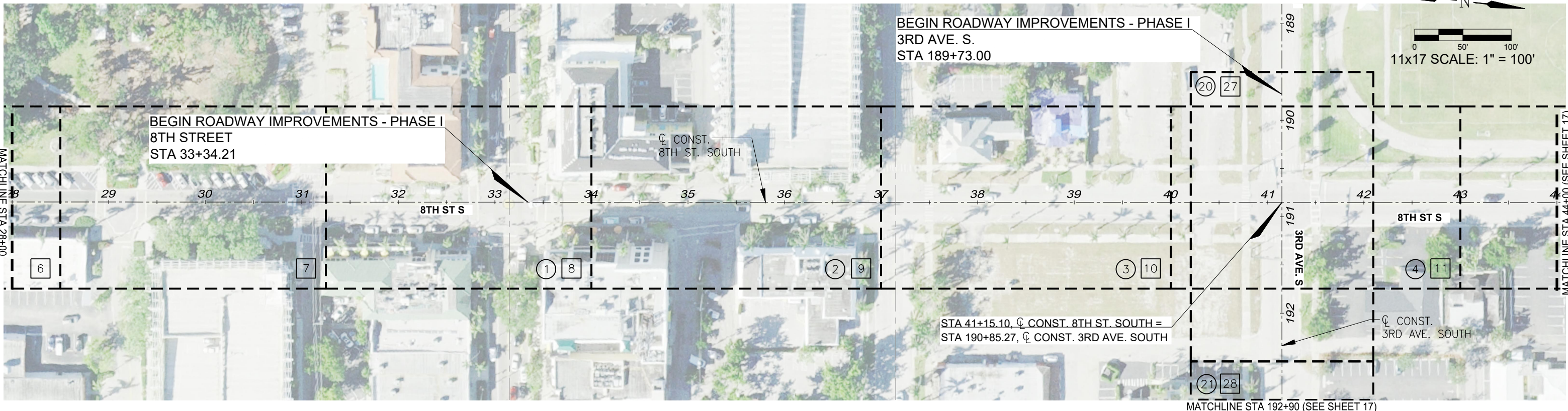
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements
 UTILITY ADJUSTMENT PLAN DETAILS

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:
 CITY OF NAPLES
 SEC/TWN/ROG:
 34/49S & 3/50S/25E
 DATE:
 DECEMBER, 2018
 SUBMITTAL TYPE:
 100% SUBMITTAL
 SHEET 14 OF 182

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205



LEGEND

①	PLAN SHEET NUMBER
1	UTILITY ADJUSTMENT SHEET NUMBER

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE:	11x17" = 100'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

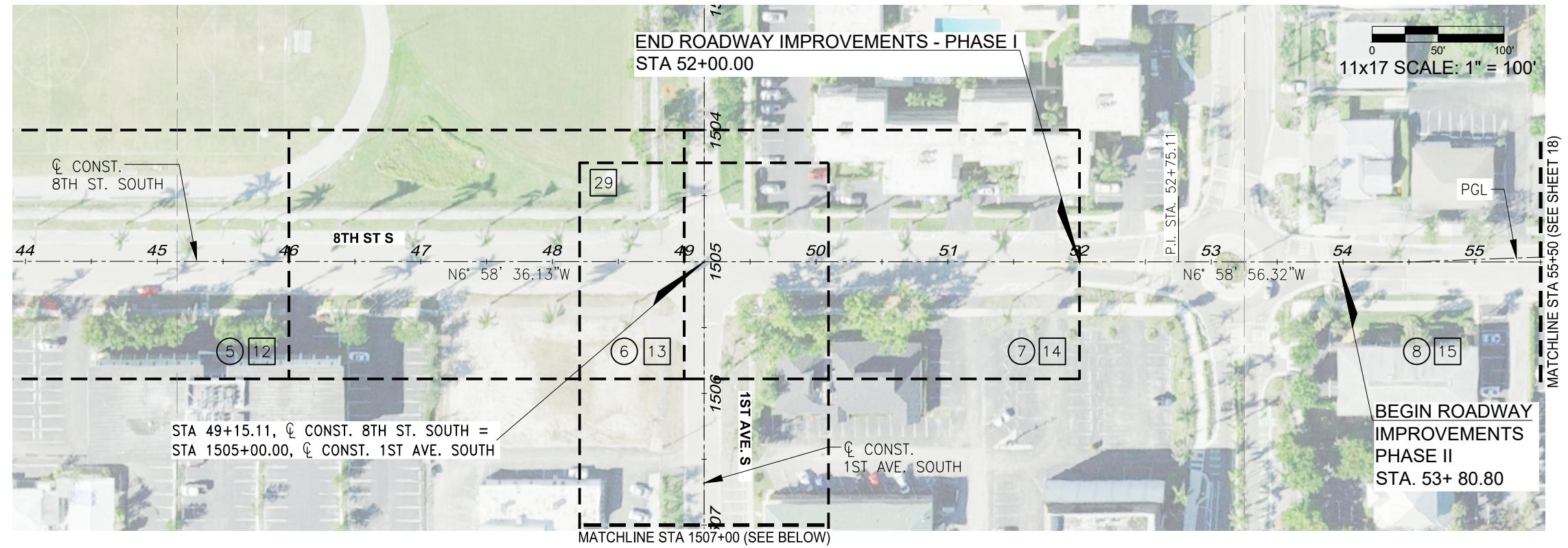
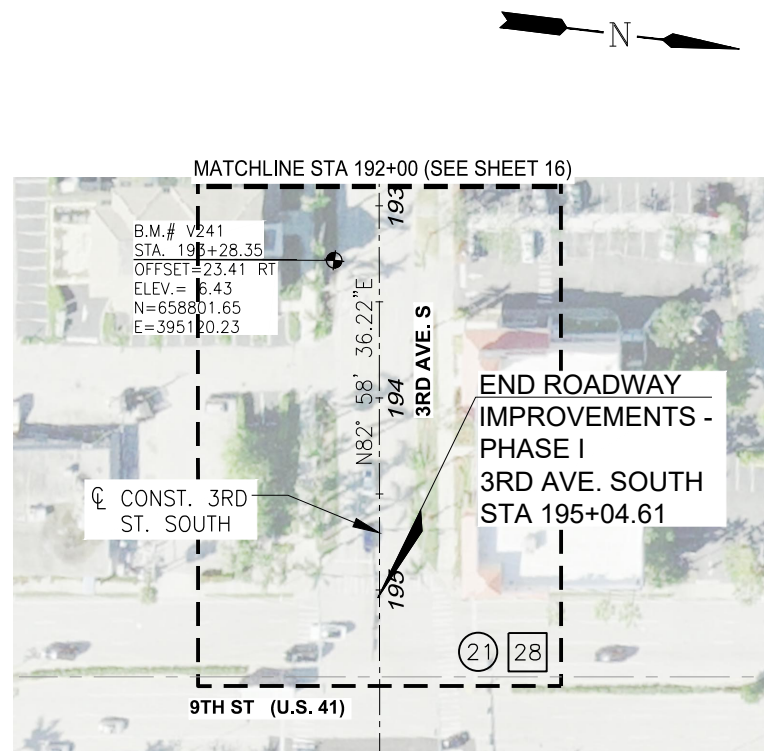
PROJECT LAYOUT SHEET - 1

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:	CITY OF NAPLES
SEC./TWN./RGE:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	16 OF 182

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTAL\TYPE 90% CAD007-PROJ-PLANS 1/4/2019 3:34 PM



LEGEND	
①	PLAN SHEET NUMBER
1	UTILITY ADJUSTMENT SHEET NUMBER

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE:	11x17" = 100'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

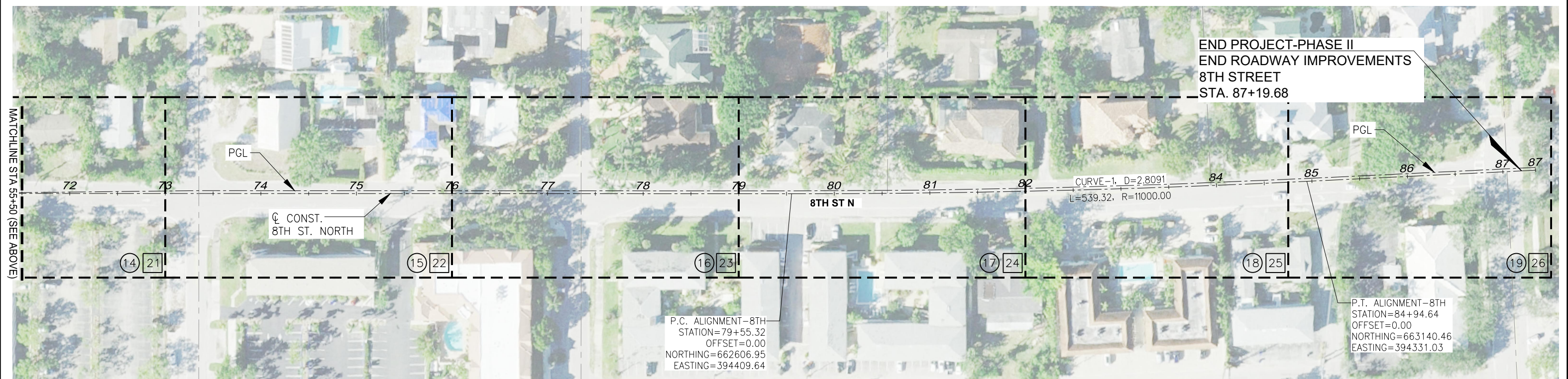
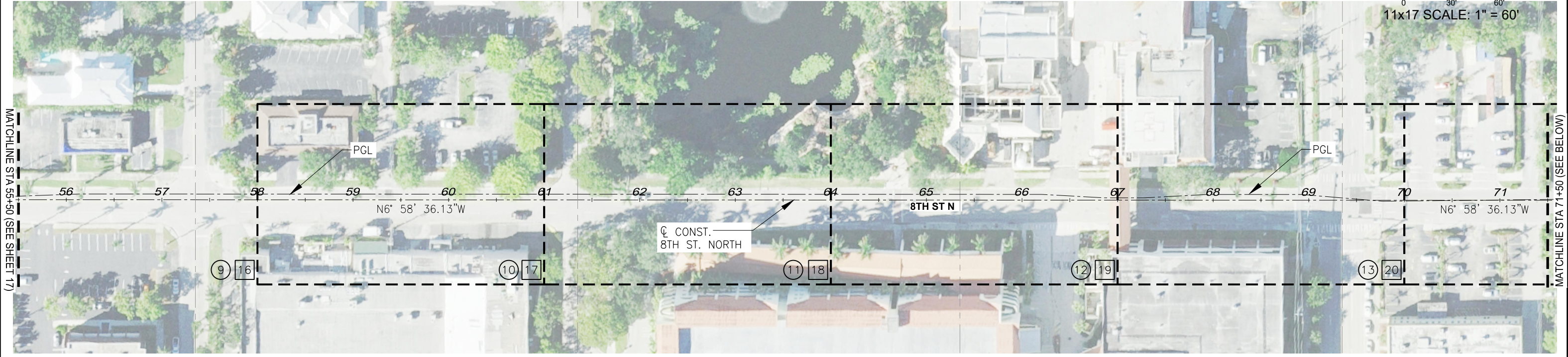
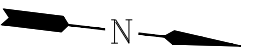
8th Street Improvements

PROJECT LAYOUT SHEET - 2

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	17 OF 182

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%\CN007-PROJ-PLANS 1/4/2019 3:34 PM



LEGEND

①	PLAN SHEET NUMBER
1	UTILITY ADJUSTMENT SHEET NUMBER

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE:	11x17

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

PROJECT LAYOUT SHEET - 3

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY: CITY OF NAPLES
 SEC./TWN/ROG: 34/49S & 3/50S/25E
 DATE: DECEMBER, 2018
 SUBMITTAL TYPE: 100% PLANS
 SHEET 18 OF 182

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%_CAD07-PROJ-PLANS_1/4/2019_3:34 PM

CENTRAL GARDEN CONDOMINIUM
766 CENTRAL AVE.
2

CRAIG & FOUSE LLC
785 CENTRAL AVE.

DJJH LLC
49 8TH ST. N

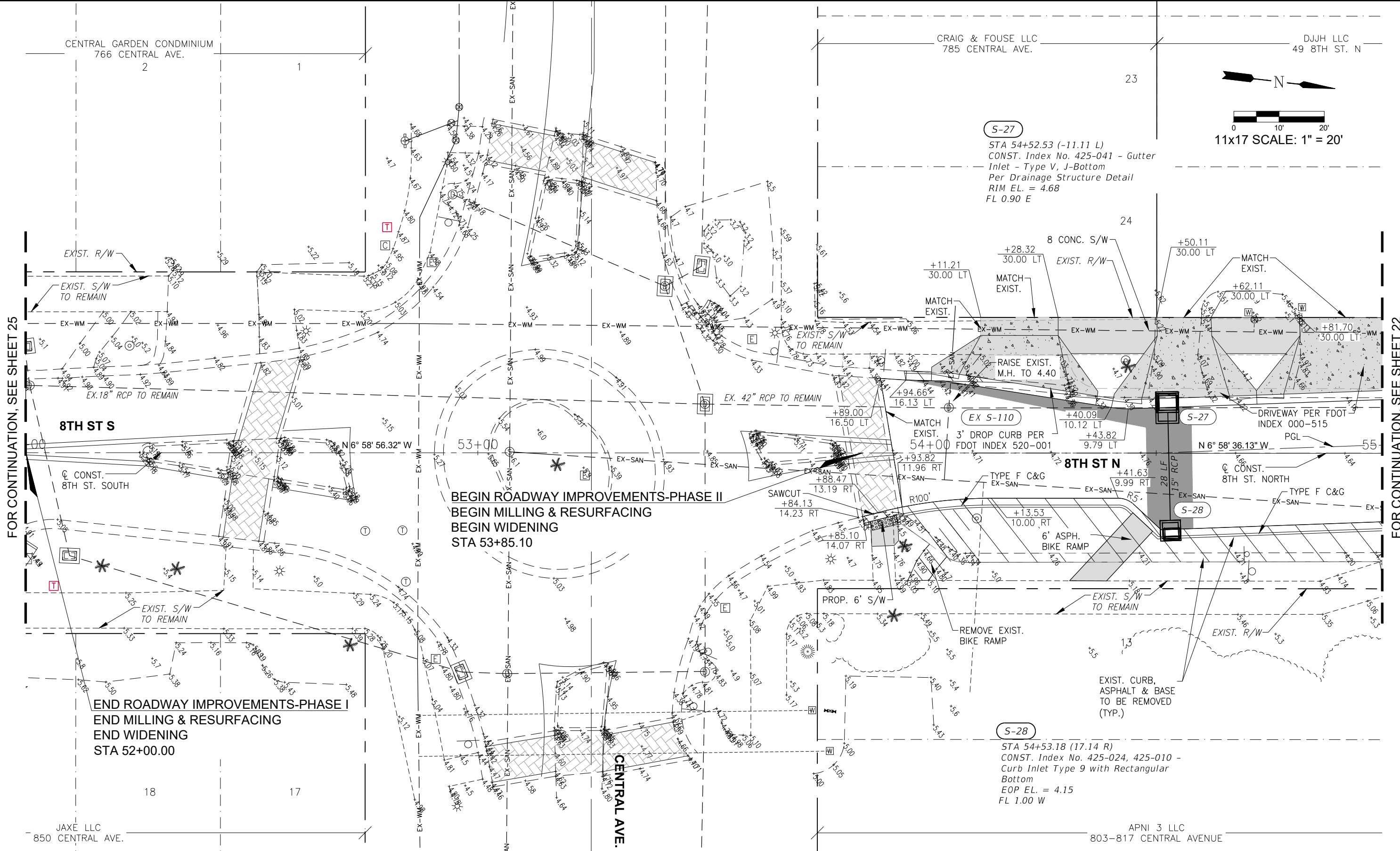


S-27

STA 54+52.53 (-11.11 L)
CONST. Index No. 425-041 - Gutter
Inlet - Type V, J-Bottom
Per Drainage Structure Detail
RIM EL. = 4.68
FL 0.90 E

FOR CONTINUATION, SEE SHEET 25

FOR CONTINUATION, SEE SHEET 22



8TH ST S

8TH ST N

BEGIN ROADWAY IMPROVEMENTS-PHASE II
BEGIN MILLING & RESURFACING
BEGIN WIDENING
STA 53+85.10

END ROADWAY IMPROVEMENTS-PHASE I
END MILLING & RESURFACING
END WIDENING
STA 52+00.00

CENTRAL AVE.

JAXE LLC
850 CENTRAL AVE.

APNI 3 LLC
803-817 CENTRAL AVENUE

LEGEND

	PROPOSED WIDENING
	PROPOSED PAVER
	PROPOSED 6" CONCRETE
	PROPOSED 4" CONCRETE SIDEWALK
	PROPOSED REMOVAL

Revision	Date	Description

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	
JOB CODE:	CN007
SCALE:	11x17 1" = 20'

GradyMinor
Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

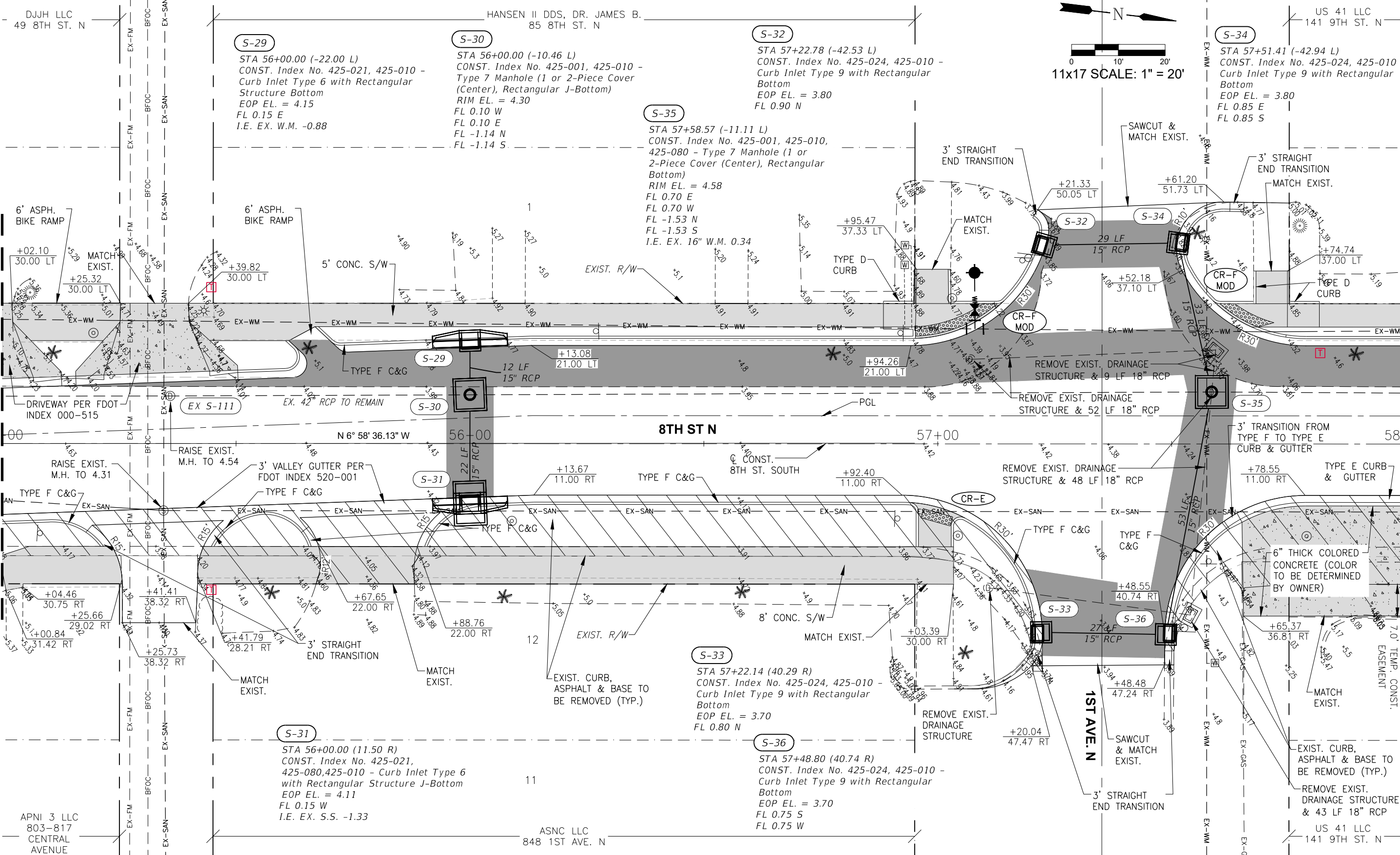
Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134
Business LC 26000266

8th Street Improvements
PLAN SHEET - 8
ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:	CITY OF NAPLES
SEC./TWN./RGE:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	21 OF 182

R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%PLAN\803-817-CENTRAL-AVE-PLANS 1/17/2019 3:36 PM



FOR CONTINUATION, SEE SHEET 21

FOR CONTINUATION, SEE SHEET 23

LEGEND

	PROPOSED WIDENING
	PROPOSED PAVER
	PROPOSED 6" CONCRETE
	PROPOSED 4" CONCRETE SIDEWALK
	PROPOSED REMOVAL

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	
JOB CODE:	CN007
SCALE:	11x17 1" = 20'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

PLAN SHEET - 9

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+1).270

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	22 OF 182

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

WOMEN'S HEALTHCARE PHYSICIANS PROPERTIES LLC
775 1ST AVE. N

DOWNTOWN NAPLES LLC
0 2ND AVE. S

23

24

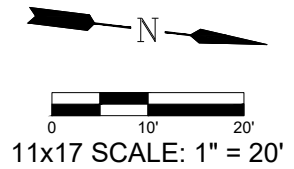
14

S-37

STA 59+61.15 (-19.51 L)
CONST. Index No. 425-024, 425-010 -
Curb Inlet Type 9 with Rectangular
J-Bottom
EOP EL. = 4.25
FL 0.50 E

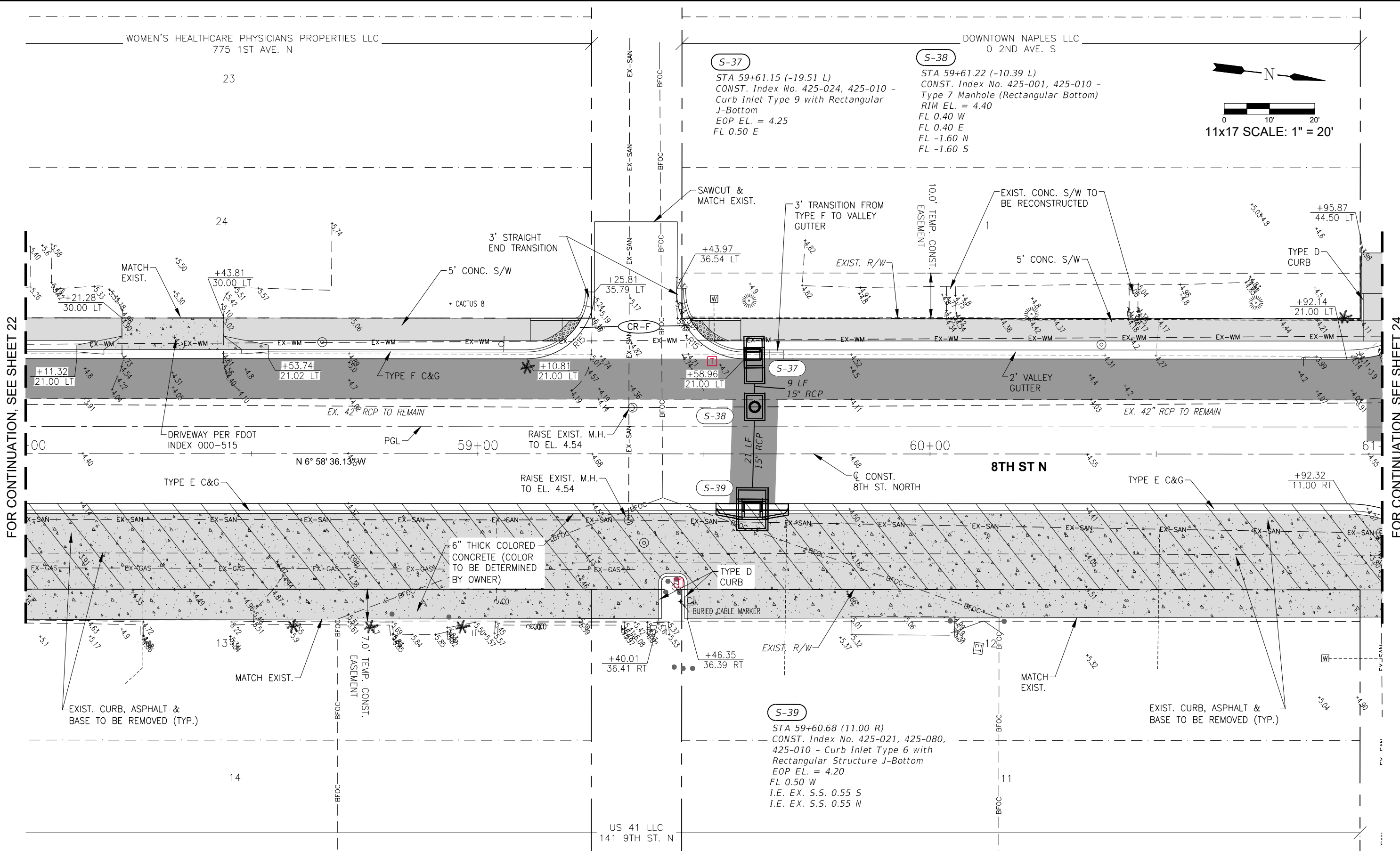
S-38

STA 59+61.22 (-10.39 L)
CONST. Index No. 425-001, 425-010 -
Type 7 Manhole (Rectangular Bottom)
RIM EL. = 4.40
FL 0.40 W
FL 0.40 E
FL -1.60 N
FL -1.60 S



FOR CONTINUATION, SEE SHEET 22

FOR CONTINUATION, SEE SHEET 24



LEGEND

	PROPOSED WIDENING
	PROPOSED PAVER
	PROPOSED 6" CONCRETE
	PROPOSED 4" CONCRETE SIDEWALK
	PROPOSED REMOVAL

Revision	Date	Description	By

DESIGNED BY: R.D.F.
DRAWN BY: D.M.S.
APPROVED: R.D.F.
JOB CODE: CN007
SCALE: 11x17 1" = 20'

GradyMinor
Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

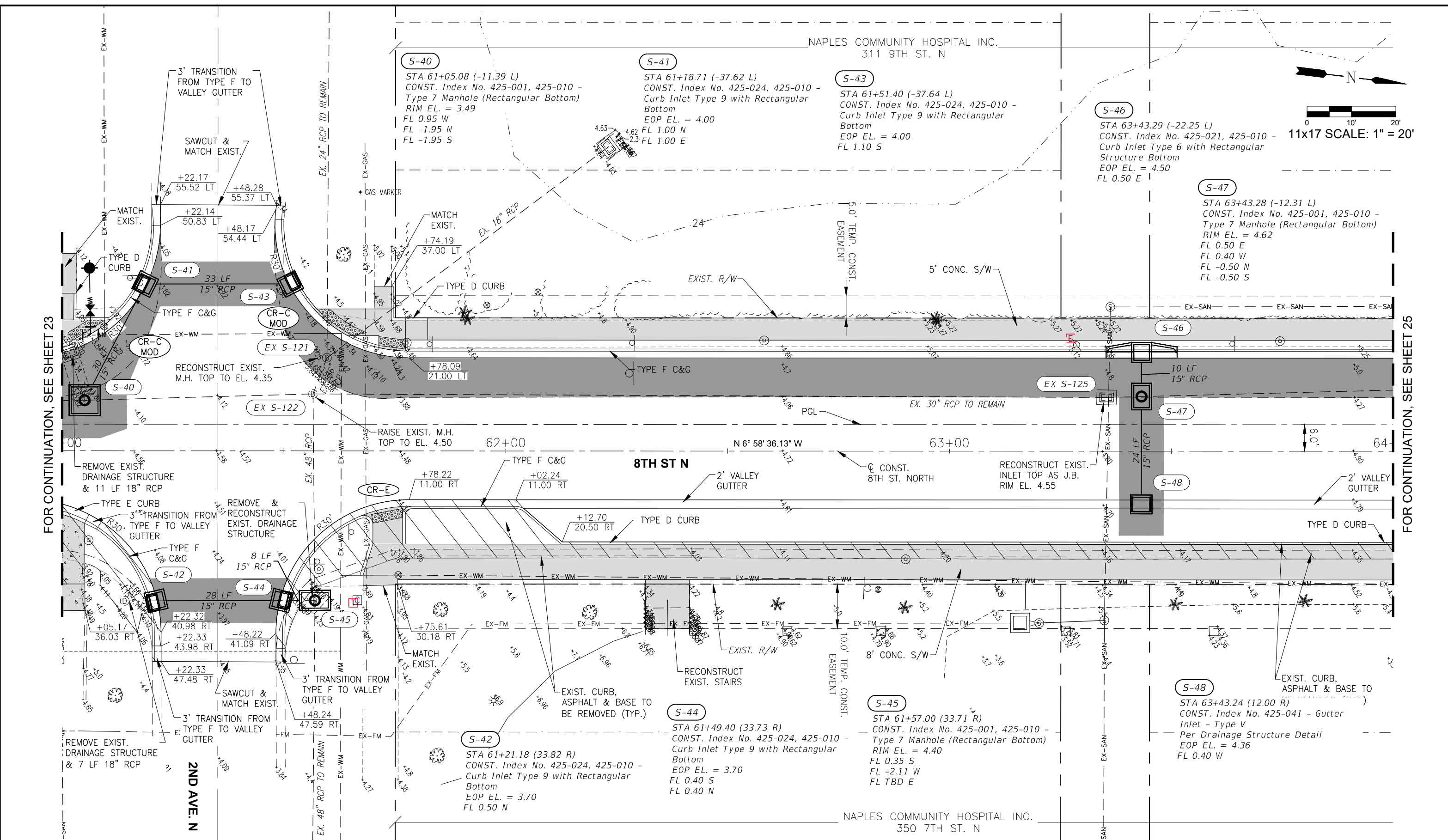
PLAN SHEET - 10

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY: CITY OF NAPLES
SEC/TWN/ROG: 34/49S & 3/50S/25E
DATE: DECEMBER, 2018
SUBMITTAL TYPE: 100% PLANS
SHEET 23 OF 182

R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\007\DWG\SUBMITTAL\TYPE 90% PLAN\007-PLANS 1/17/2019 3:37 PM



FOR CONTINUATION, SEE SHEET 23

FOR CONTINUATION, SEE SHEET 25

LEGEND	
	PROPOSED WIDENING
	PROPOSED PAVER
	PROPOSED 6" CONCRETE
	PROPOSED 4" CONCRETE SIDEWALK
	PROPOSED REMOVAL

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE:	11x17 1" = 20'

GradyMinor

Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

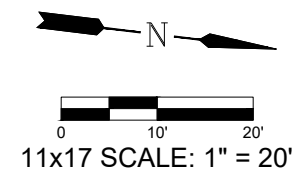
8th Street Improvements

PLAN SHEET - 11

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	24 OF 182

NAPLES COMMUNITY HOSPITAL INC.
311 9TH ST. N



S-49

STA 65+01.30 (-22.25 L)
CONST. Index No. 425-021, 425-010 -
Curb Inlet Type 6 with Rectangular
Structure Bottom
EOP EL. = 4.50
FL 0.25 E

S-50

STA 65+01.33 (-16.45 L)
CONST. Index No. 425-001, 425-010 -
Type 7 Manhole (Rectangular Bottom)
RIM EL. = 4.60
FL -0.09 N
FL -0.19 S
FL 0.15 E
FL 0.15 W

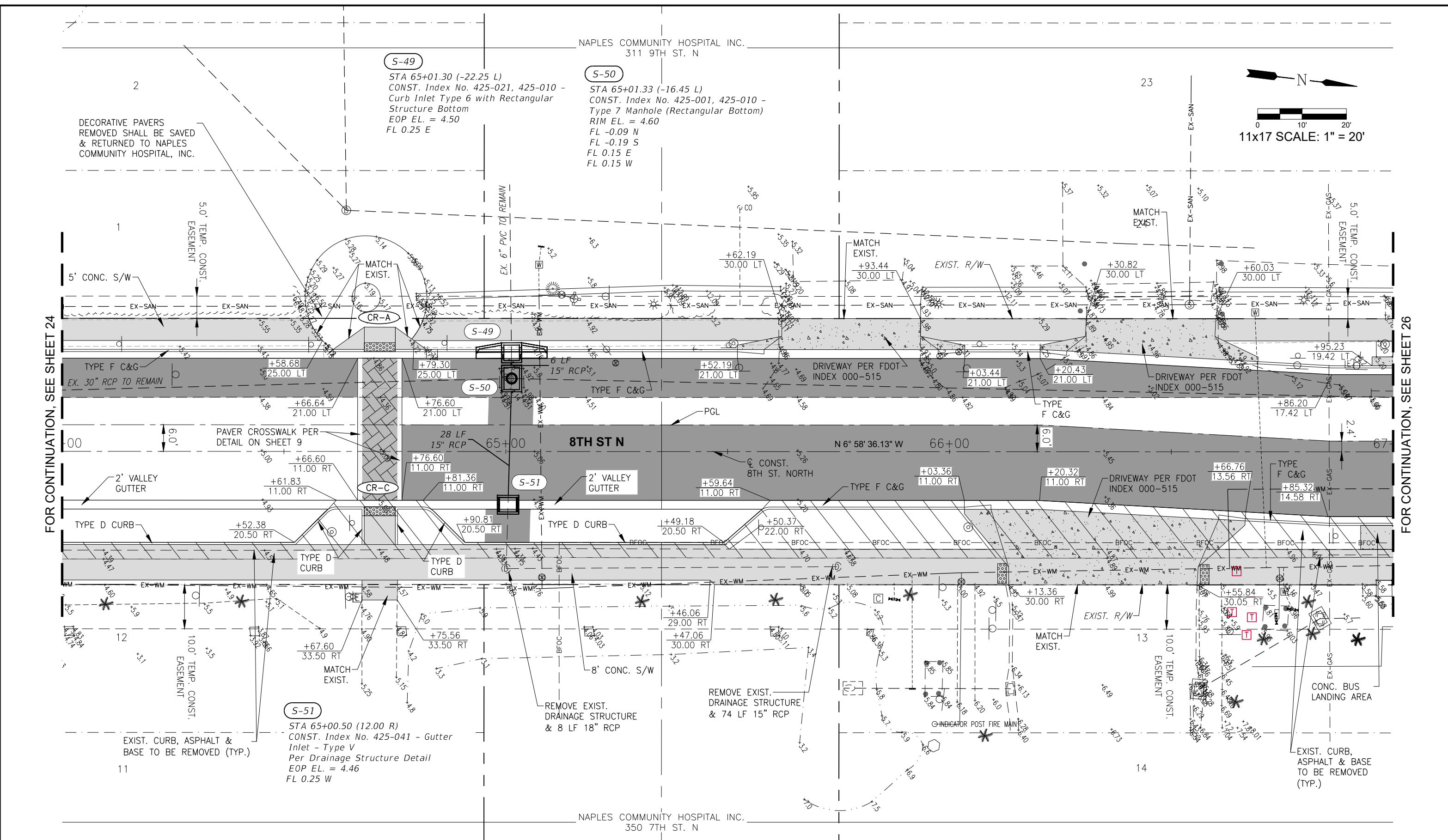
S-51

STA 65+00.50 (12.00 R)
CONST. Index No. 425-041 - Gutter
Inlet - Type V
Per Drainage Structure Detail
EOP EL. = 4.46
FL 0.25 W

NAPLES COMMUNITY HOSPITAL INC.
350 7TH ST. N

FOR CONTINUATION, SEE SHEET 24

FOR CONTINUATION, SEE SHEET 26



LEGEND

	PROPOSED WIDENING
	PROPOSED PAVER
	PROPOSED 6" CONCRETE
	PROPOSED 4" CONCRETE SIDEWALK
	PROPOSED REMOVAL

Revision	Date	Description	By

DESIGNED BY: R.D.F.
DRAWN BY: D.M.S.
APPROVED: R.D.F.
JOB CODE: CN007
SCALE: 11x17 1" = 20'

GradyMinor
Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

PLAN SHEET - 12

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY: CITY OF NAPLES
SEC./TWN./RGE: 34/49S & 3/50S/25E
DATE: DECEMBER, 2018
SUBMITTAL TYPE: 100% PLANS
SHEET 25 OF 182

R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%CN007-PLANS 1/4/2019 8:39 PM

NAPLES COMMUNITY HOSPITAL INC.
311 9TH ST. N

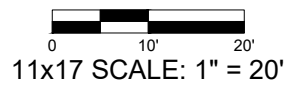
S-52
STA 69+13.82 (-54.18 L)
CONST. Index No. 425-021 - Curb
Inlet Type 6 with Rectangular
Structure Bottom
EOP EL. = 5.30
FL TBD E
FL TBD E
FL 1.20 N

S-53
STA 69+09.87 (-36.04 L)
CONST. Index No. 425-001 - Type 7
Manhole (1 or 2-Piece Cover (Center),
Rectangular Bottom)
RIM EL. = 5.30
FL TBD E
FL 2.65 S

S-56
STA 69+58.99 (-54.27 L)
CONST. Index No. 425-021, 425-010 -
Curb Inlet Type 6 with Rectangular
Structure Bottom
EOP EL. = 5.30
FL 1.30 S

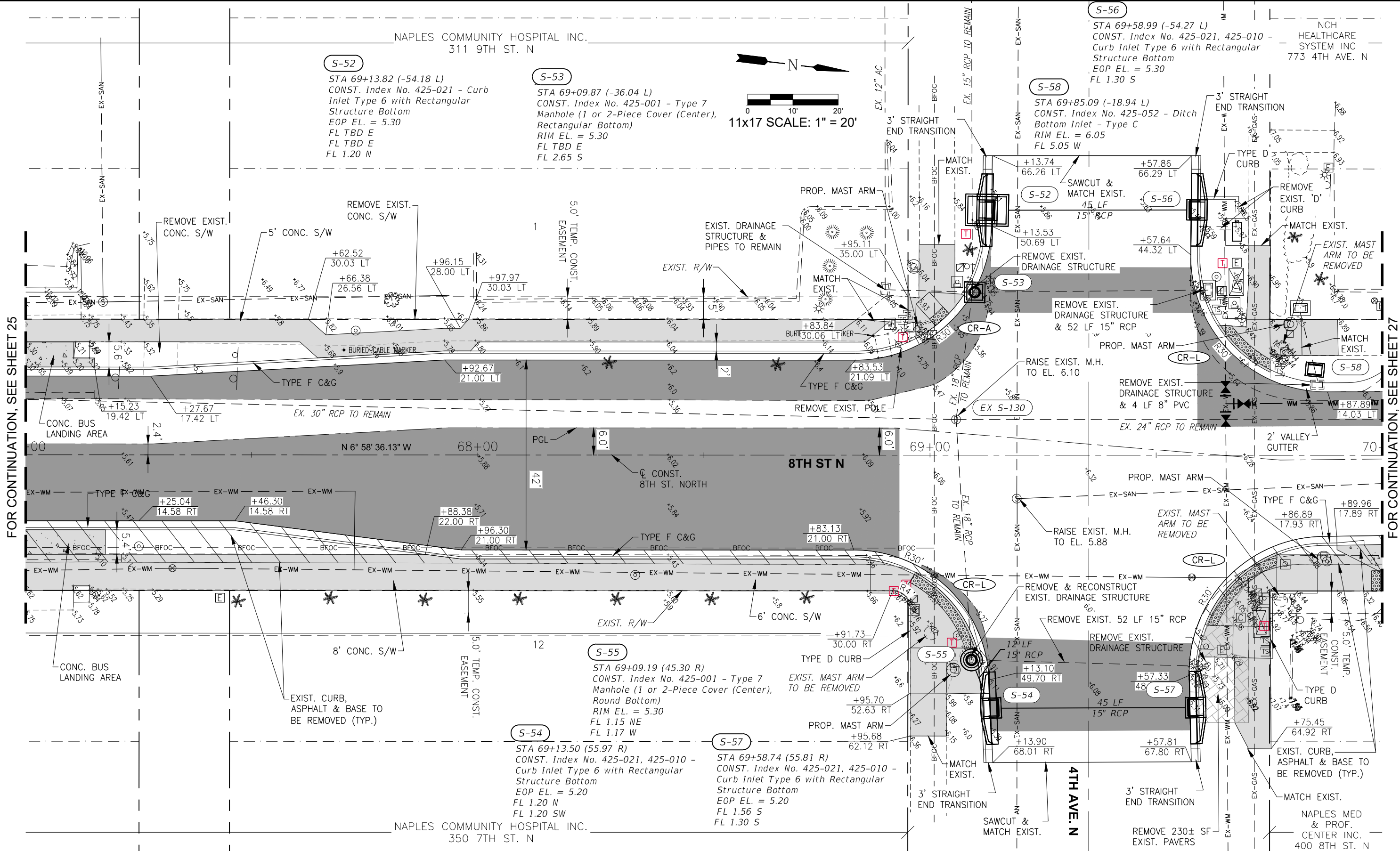
S-58
STA 69+85.09 (-18.94 L)
CONST. Index No. 425-052 - Ditch
Bottom Inlet - Type C
RIM EL. = 6.05
FL 5.05 W

NCH
HEALTHCARE
SYSTEM INC
773 4TH AVE. N



FOR CONTINUATION, SEE SHEET 25

FOR CONTINUATION, SEE SHEET 27



LEGEND

	PROPOSED WIDENING
	PROPOSED PAVER
	PROPOSED 6\"/>
	PROPOSED 4\"/>
	PROPOSED REMOVAL

Revision	Date	Description	By

DESIGNED BY: R.D.F.
DRAWN BY: D.M.S.
APPROVED: R.D.F.
JOB CODE: CN007
SCALE: 11x17 1" = 20'

GradyMinor
Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

PLAN SHEET - 13

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+1).270

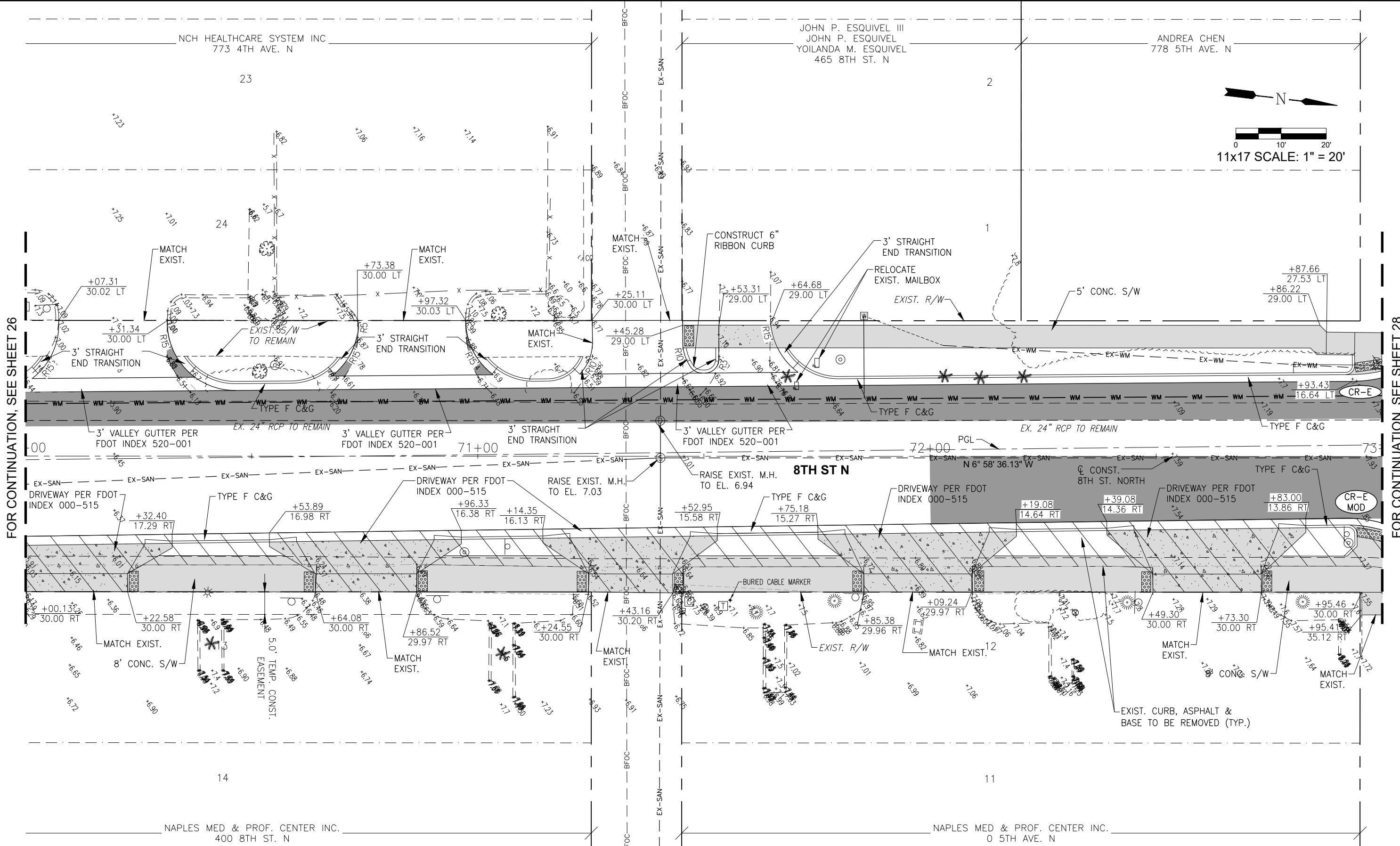
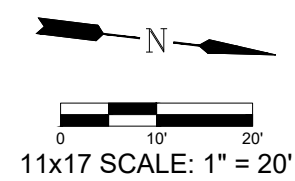
MUNICIPALITY: CITY OF NAPLES
SEC/TWN/ROB: 34/49S & 3/50S/25E
DATE: DECEMBER, 2018
SUBMITTAL TYPE: 100% PLANS
SHEET 26 OF 182

R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

NCH HEALTHCARE SYSTEM INC
773 4TH AVE. N

JOHN P. ESQUIVEL III
JOHN P. ESQUIVEL
YOILANDA M. ESQUIVEL
465 8TH ST. N

ANDREA CHEN
778 5TH AVE. N



FOR CONTINUATION, SEE SHEET 26

FOR CONTINUATION, SEE SHEET 28

LEGEND

	PROPOSED WIDENING
	PROPOSED PAVER
	PROPOSED 6" CONCRETE
	PROPOSED 4" CONCRETE SIDEWALK
	PROPOSED REMOVAL

Revision	Date	Description

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	
JOB CODE:	CN007
SCALE:	11x17 1" = 20'

GradyMinor
Civil Engineers • Land Surveyors • Planners • Landscape Architects
3800 Via Del Rey, Bonita Springs, Florida 34134
www.GradyMinor.com

8th Street Improvements
PLAN SHEET - 14
ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:	CITY OF NAPLES
SEC./TWN./RGE:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	27 OF 182

S-59
 STA 73+21.51 (-37.65 L)
 CONST. Index No. 425-024, 425-010 -
 Curb Inlet Type 9 with Rectangular
 Bottom
 EOP EL. = 7.30
 FL 3.80 E
 FL 3.80 N

S-60
 STA 73+21.12 (-8.14 L)
 CONST. Index No. 425-001, 425-010 -
 Type 7 Manhole (r), Rectangular
 Bottom
 RIM EL. = 7.78
 FL 3.70 E
 FL 3.70 W
 FL 2.08 N
 FL 1.64 S

S-62
 STA 73+50.55 (-37.90 L)
 CONST. Index No. 425-024, 425-010 -
 Curb Inlet Type 9 with Rectangular
 Bottom
 EOP EL. = 7.30
 FL 3.85 S

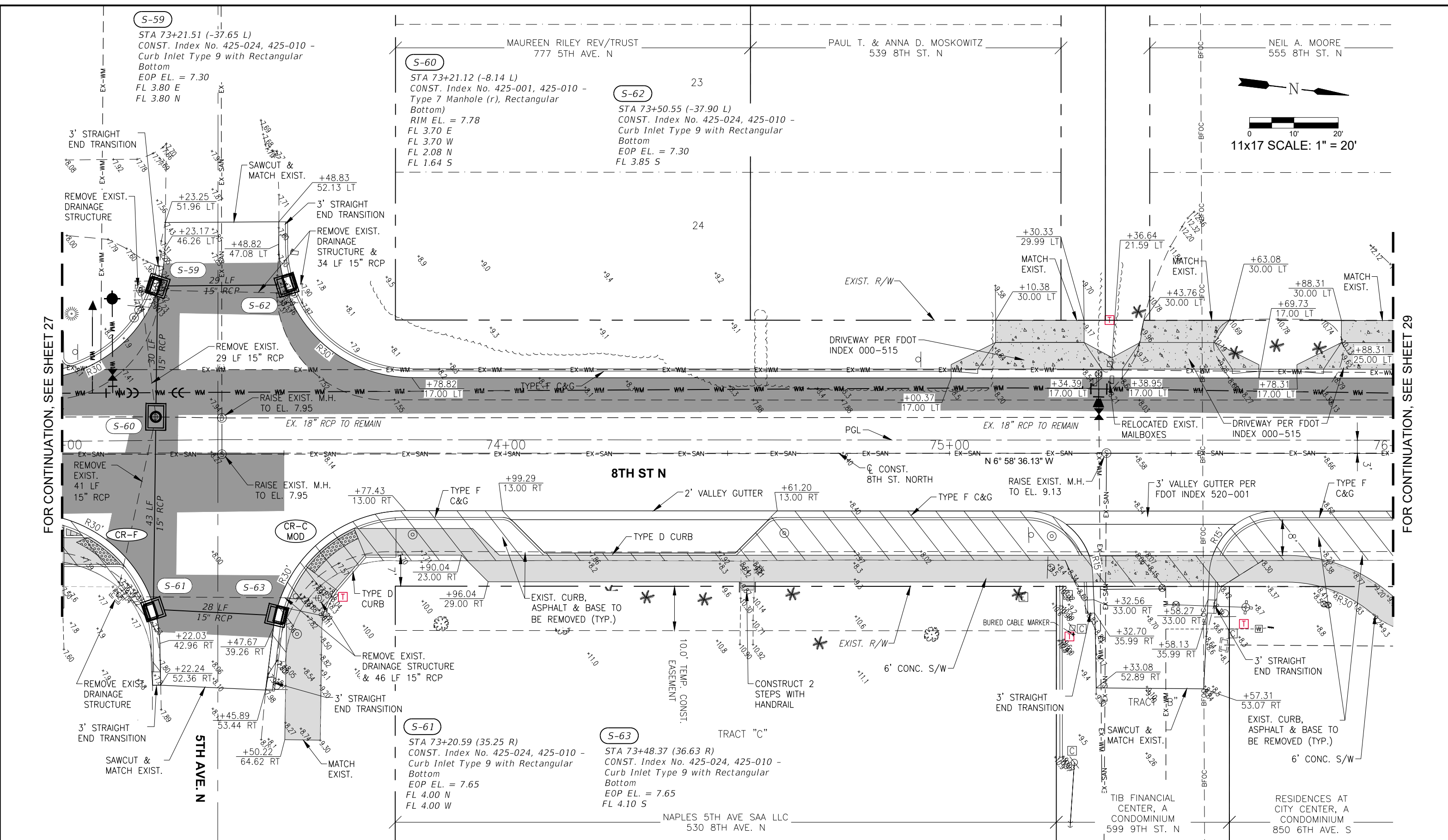
S-61
 STA 73+20.59 (35.25 R)
 CONST. Index No. 425-024, 425-010 -
 Curb Inlet Type 9 with Rectangular
 Bottom
 EOP EL. = 7.65
 FL 4.00 N
 FL 4.00 W

S-63
 STA 73+48.37 (36.63 R)
 CONST. Index No. 425-024, 425-010 -
 Curb Inlet Type 9 with Rectangular
 Bottom
 EOP EL. = 7.65
 FL 4.10 S



FOR CONTINUATION, SEE SHEET 27

FOR CONTINUATION, SEE SHEET 29



LEGEND	
	PROPOSED WIDENING
	PROPOSED PAVER
	PROPOSED 6" CONCRETE
	PROPOSED 4" CONCRETE SIDEWALK
	PROPOSED REMOVAL

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	
JOB CODE:	CN007
SCALE:	11x17 1" = 20'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

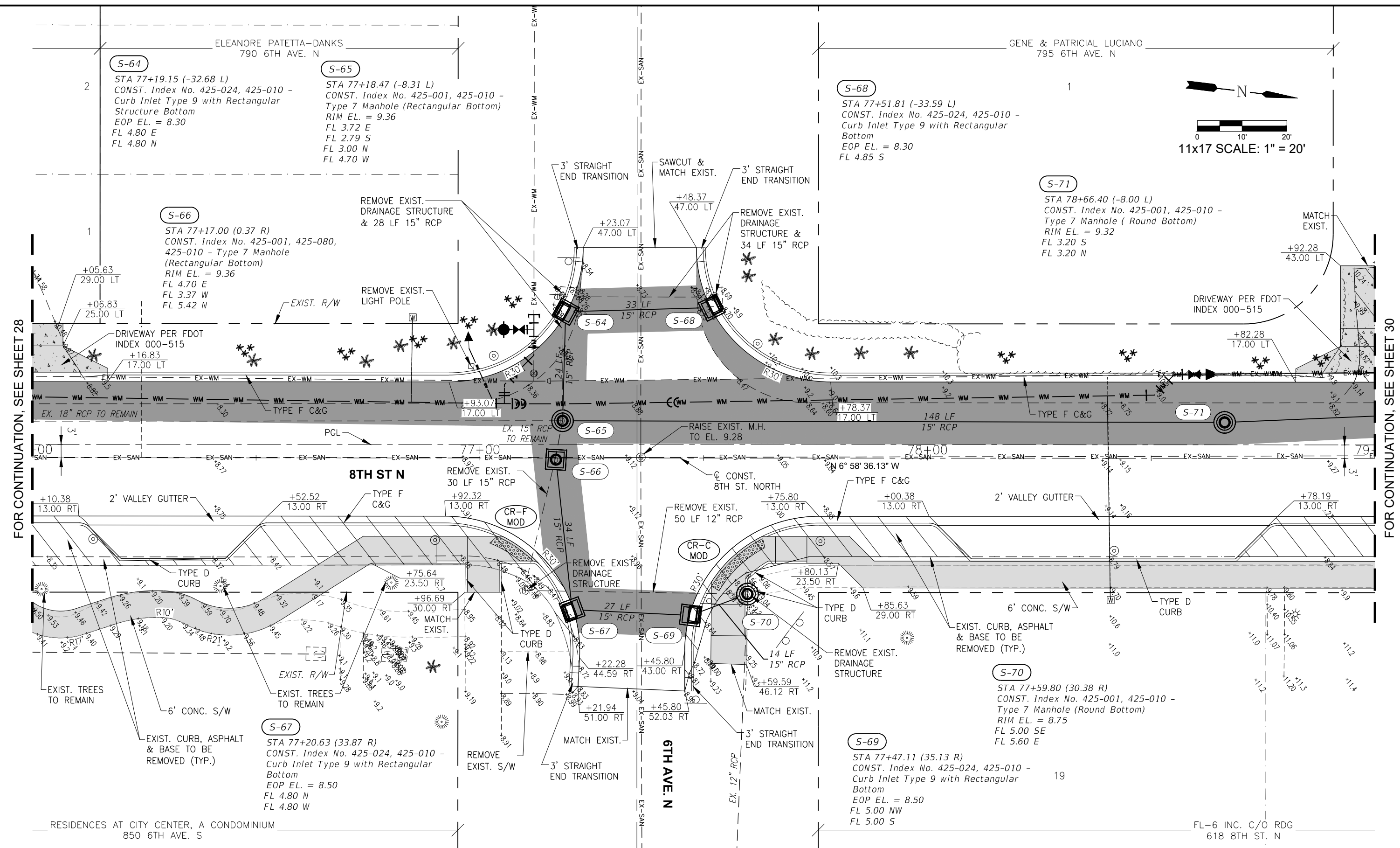
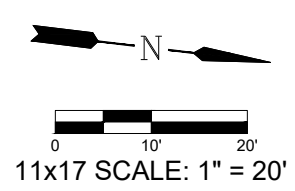
PLAN SHEET - 15

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	28 OF 182

ELEANORE PATETTA-DANKS
790 6TH AVE. N

GENE & PATRICIAL LUCIANO
795 6TH AVE. N



FOR CONTINUATION, SEE SHEET 28

FOR CONTINUATION, SEE SHEET 30

LEGEND

[Pattern]	PROPOSED WIDENING
[Pattern]	PROPOSED PAVER
[Pattern]	PROPOSED 6" CONCRETE
[Pattern]	PROPOSED 4" CONCRETE SIDEWALK
[Pattern]	PROPOSED REMOVAL

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: 11x17 1" = 20'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

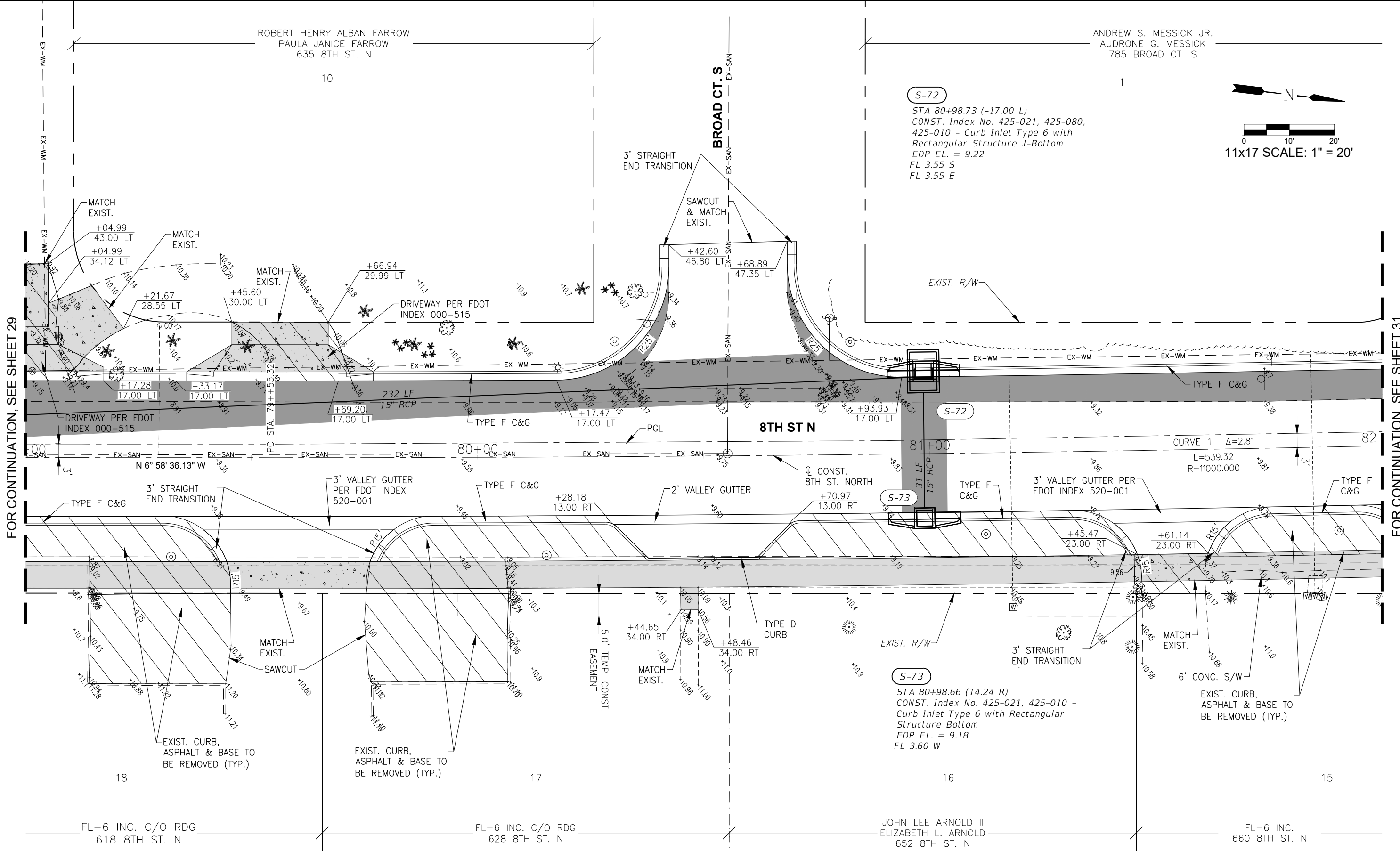
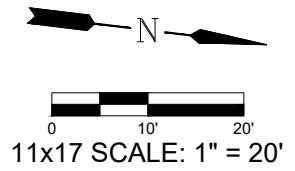
PLAN SHEET - 16

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:	CITY OF NAPLES
SEC./TWN./RGE:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	29 OF 182

ROBERT HENRY ALBAN FARROW
PAULA JANICE FARROW
635 8TH ST. N

ANDREW S. MESSICK JR.
AUDRONE G. MESSICK
785 BROAD CT. S



LEGEND	
	PROPOSED WIDENING
	PROPOSED PAVER
	PROPOSED 6" CONCRETE
	PROPOSED 4" CONCRETE SIDEWALK
	PROPOSED REMOVAL

Revision	Date	Description	By

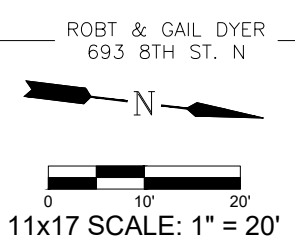
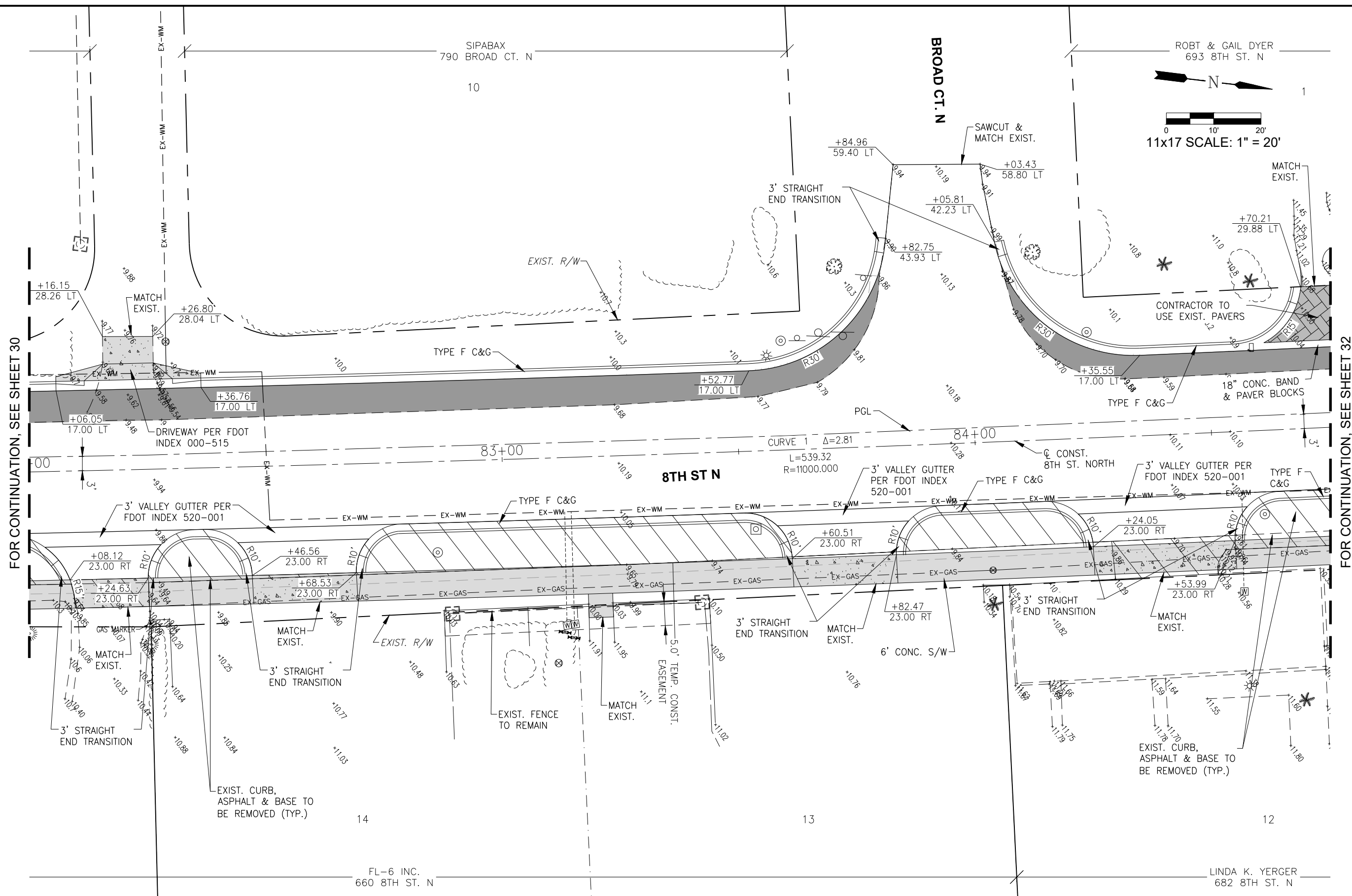
DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	
JOB CODE:	R.D.F.
SCALE:	CN007
	11x17 1" = 20'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements
 PLAN SHEET - 17
 ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:	CITY OF NAPLES
SEC./TWN./RGE:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	30 OF 182

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTAL\TYPE 90% \CN007-PLANS 1/17/2019 3:42 PM



FOR CONTINUATION, SEE SHEET 30

FOR CONTINUATION, SEE SHEET 32

LEGEND

	PROPOSED WIDENING
	PROPOSED PAVER
	PROPOSED 6" CONCRETE
	PROPOSED 4" CONCRETE SIDEWALK
	PROPOSED REMOVAL

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: 11x17 1" = 20'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

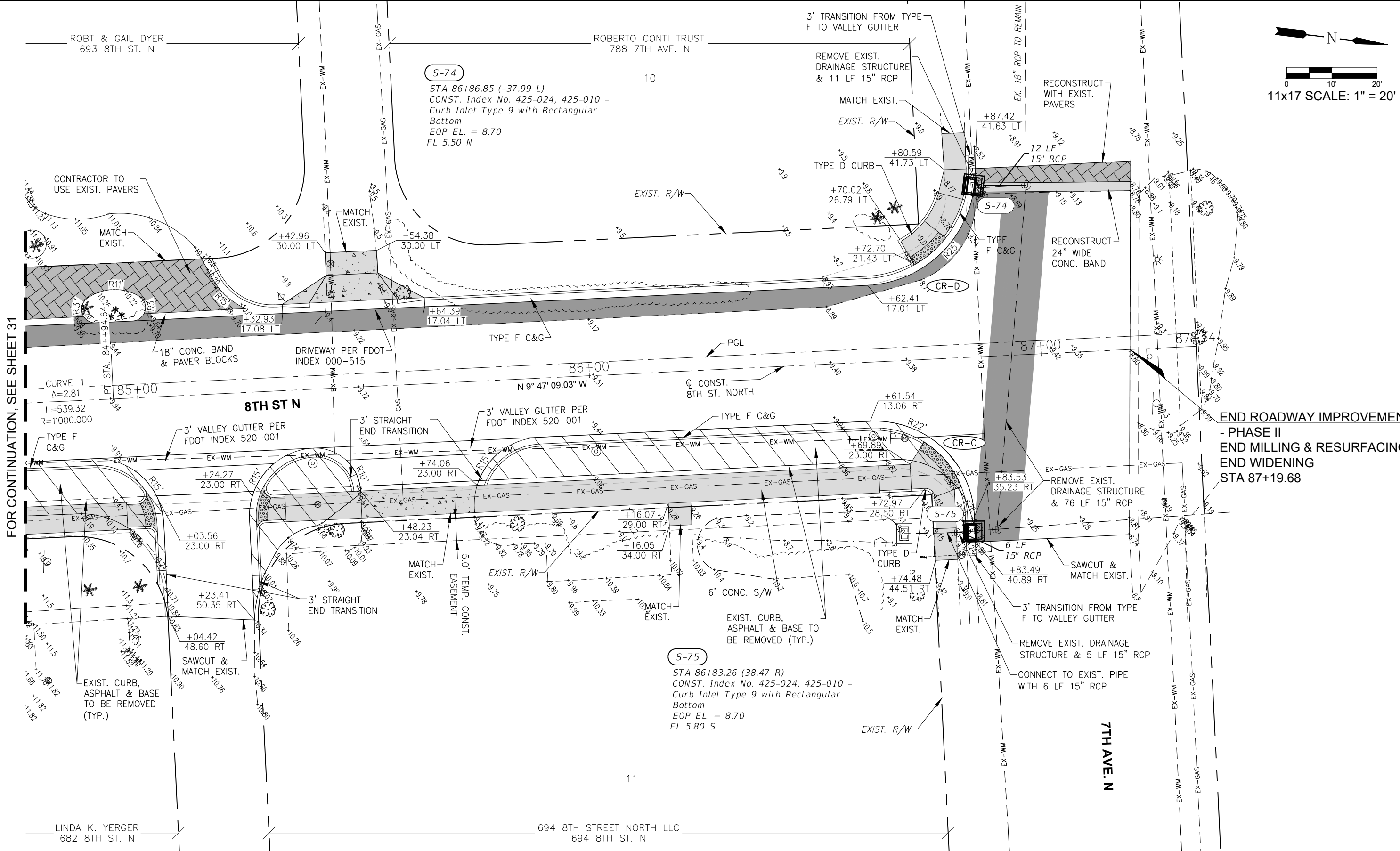
PLAN SHEET - 18

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY: CITY OF NAPLES
 SEC./TWN./RGE: 34/49S & 3/50S/25E
 DATE: DECEMBER, 2018
 SUBMITTAL TYPE: 100% PLANS
 SHEET 31 OF 182

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%PLAN\8th Street Improvements - PLANS 1/17/2019 3:43 PM



FOR CONTINUATION, SEE SHEET 31

**END ROADWAY IMPROVEMENTS
- PHASE II
END MILLING & RESURFACING
END WIDENING
STA 87+19.68**

LEGEND	
	PROPOSED WIDENING
	PROPOSED PAVER
	PROPOSED 6" CONCRETE
	PROPOSED 4" CONCRETE SIDEWALK
	PROPOSED REMOVAL

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	
JOB CODE:	CN007
SCALE:	11x17 1" = 20'

GradyMinor

Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

PLAN SHEET - 19

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	32 OF 182

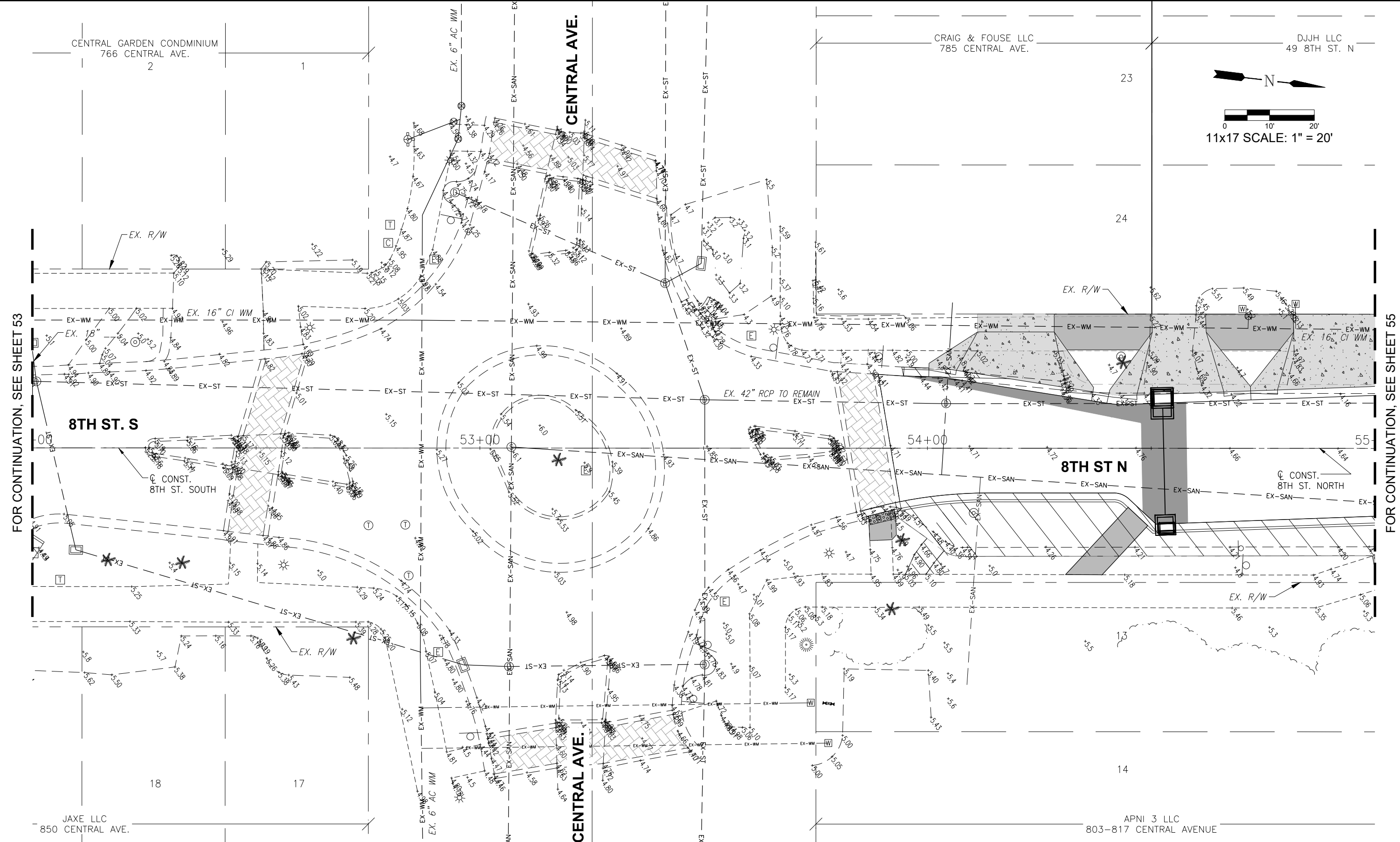
R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTAL\TYPE 90% PLAN\8th St Improvements - Phase II - End Milling & Resurfacing - End Widening - STA 87+19.68.dwg 1/17/2019 3:43 PM

CENTRAL GARDEN CONDOMINIUM
766 CENTRAL AVE.
2

CRAIG & FOUSE LLC
785 CENTRAL AVE.

DJJH LLC
49 8TH ST. N



FOR CONTINUATION, SEE SHEET 53

FOR CONTINUATION, SEE SHEET 55

LEGEND

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: R.A.K.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: 11x17 1" = 20'



Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8th Street Improvements

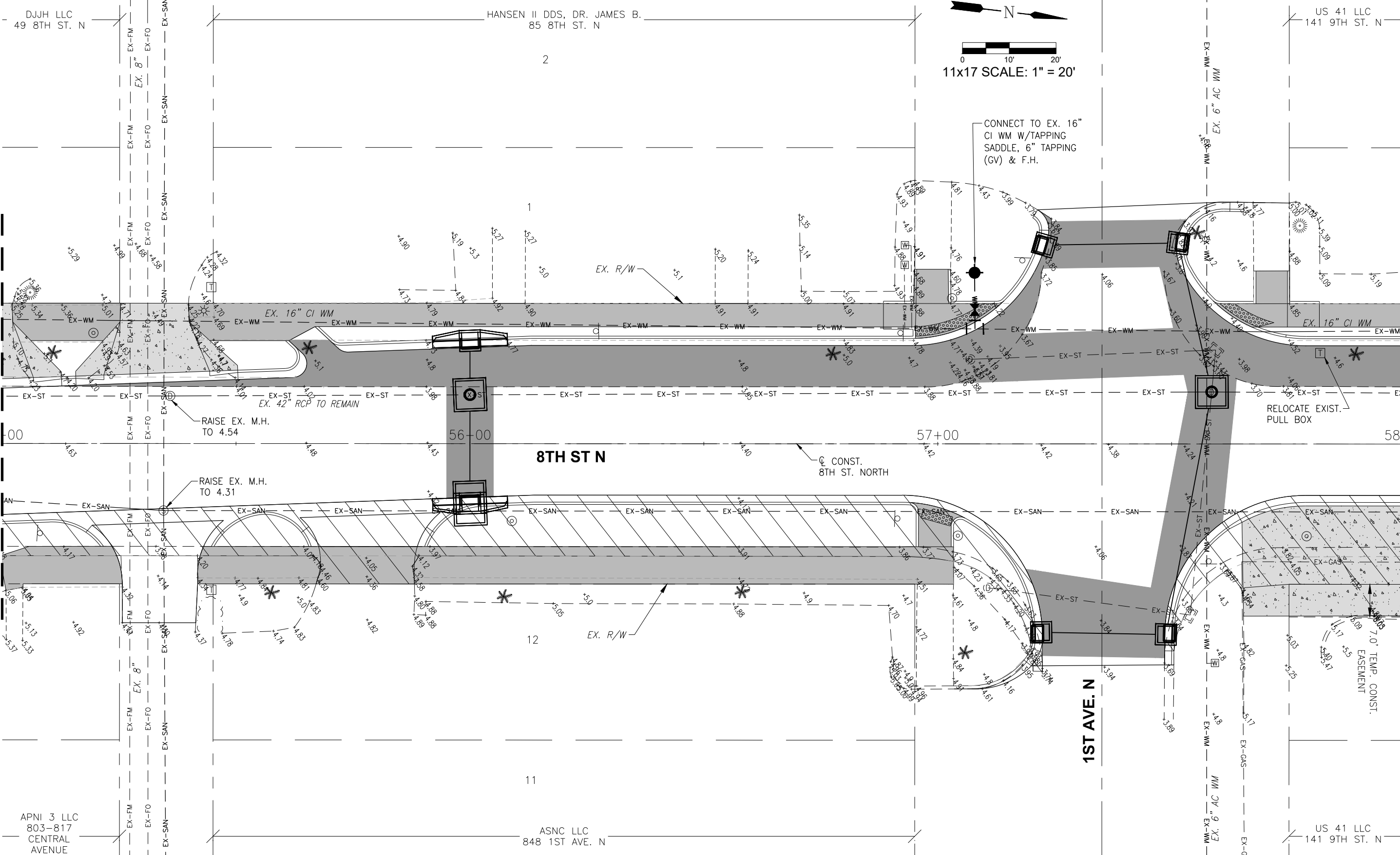
UTILITY ADJUSTMENT PLAN - 15

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/ROG: 34/49S & 3/50S/25E
 DATE: DECEMBER, 2018
 SUBMITTAL TYPE: 100% PLANS
 SHEET 54 OF 96

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%_CAD007-11A 1/4/2019 3:45 PM



FOR CONTINUATION, SEE SHEET 54

FOR CONTINUATION, SEE SHEET 56



LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	
JOB CODE:	R.D.F.
	CN007
SCALE:	11x17 1" = 20'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

UTILITY ADJUSTMENT PLAN - 16

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:
CITY OF NAPLES

SEC./TWN./RGE:
34/49S & 3/50S/25E

DATE:
DECEMBER, 2018

SUBMITTAL TYPE:
100% PLANS

SHEET 55 OF 96

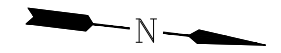
R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

WOMEN'S HEALTHCARE PHYSICIANS PROPERTIES LLC
775 1ST AVE. N

DOWNTOWN NAPLES LLC
0 2ND AVE. S

23

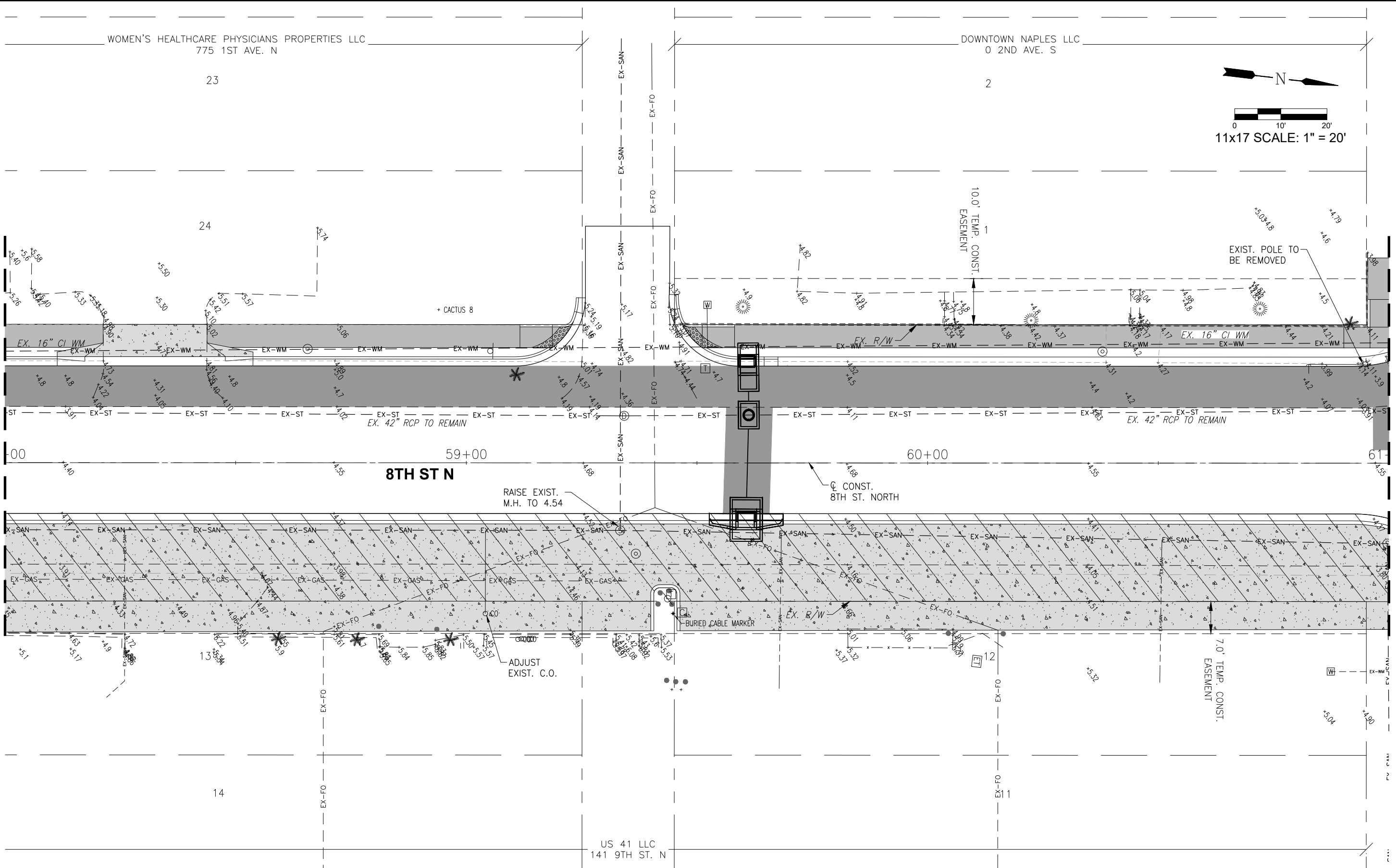
2



0 10' 20'
11x17 SCALE: 1" = 20'

FOR CONTINUATION, SEE SHEET 55

FOR CONTINUATION, SEE SHEET 57



LEGEND

Revision	Date	Description	By

DESIGNED BY: R.D.F.
DRAWN BY: R.A.K.
APPROVED: R.D.F.
JOB CODE: CN007
SCALE: 11x17 1" = 20'

GradyMinor
Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134
Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

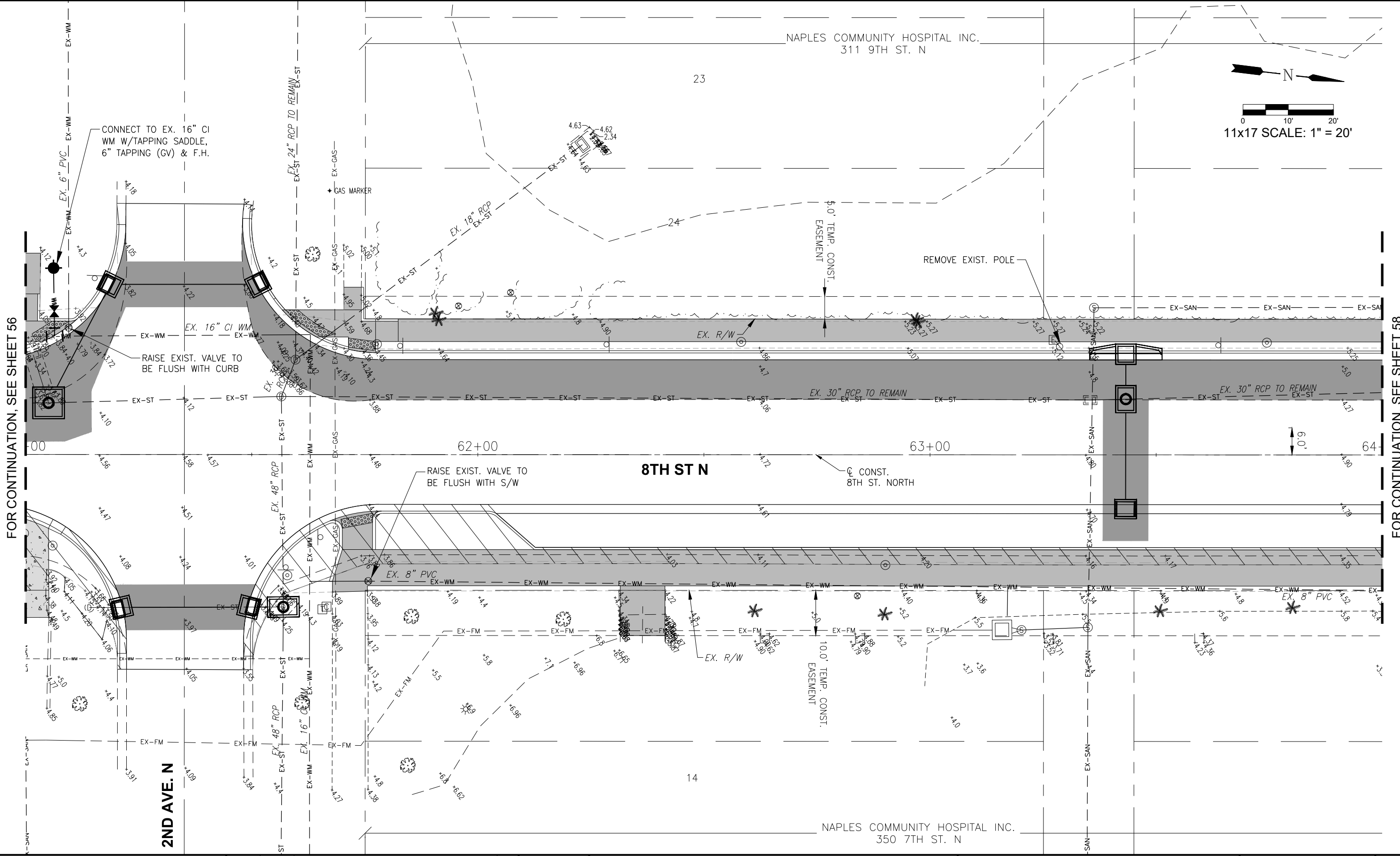
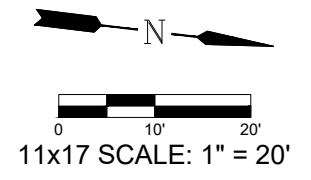
8th Street Improvements
UTILITY ADJUSTMENT PLAN - 17
ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY: CITY OF NAPLES
SEC/TWN/ROB: 34/49S & 3/50S/25E
DATE: DECEMBER, 2018
SUBMITTAL TYPE: 100% PLANS
SHEET 56 OF 96

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTAL\TYPE\90%_CAD007-11A 1/4/2019 3:47 PM

NAPLES COMMUNITY HOSPITAL INC.
311 9TH ST. N



FOR CONTINUATION, SEE SHEET 56

FOR CONTINUATION, SEE SHEET 58

8TH ST N

2ND AVE. N

NAPLES COMMUNITY HOSPITAL INC.
350 7TH ST. N

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	
JOB CODE:	R.D.F.
	CN007
SCALE:	11x17 1" = 20'

GradyMinor

Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

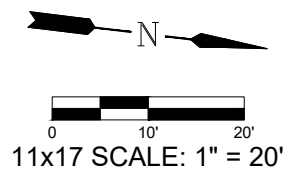
8th Street Improvements

UTILITY ADJUSTMENT PLAN - 18

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

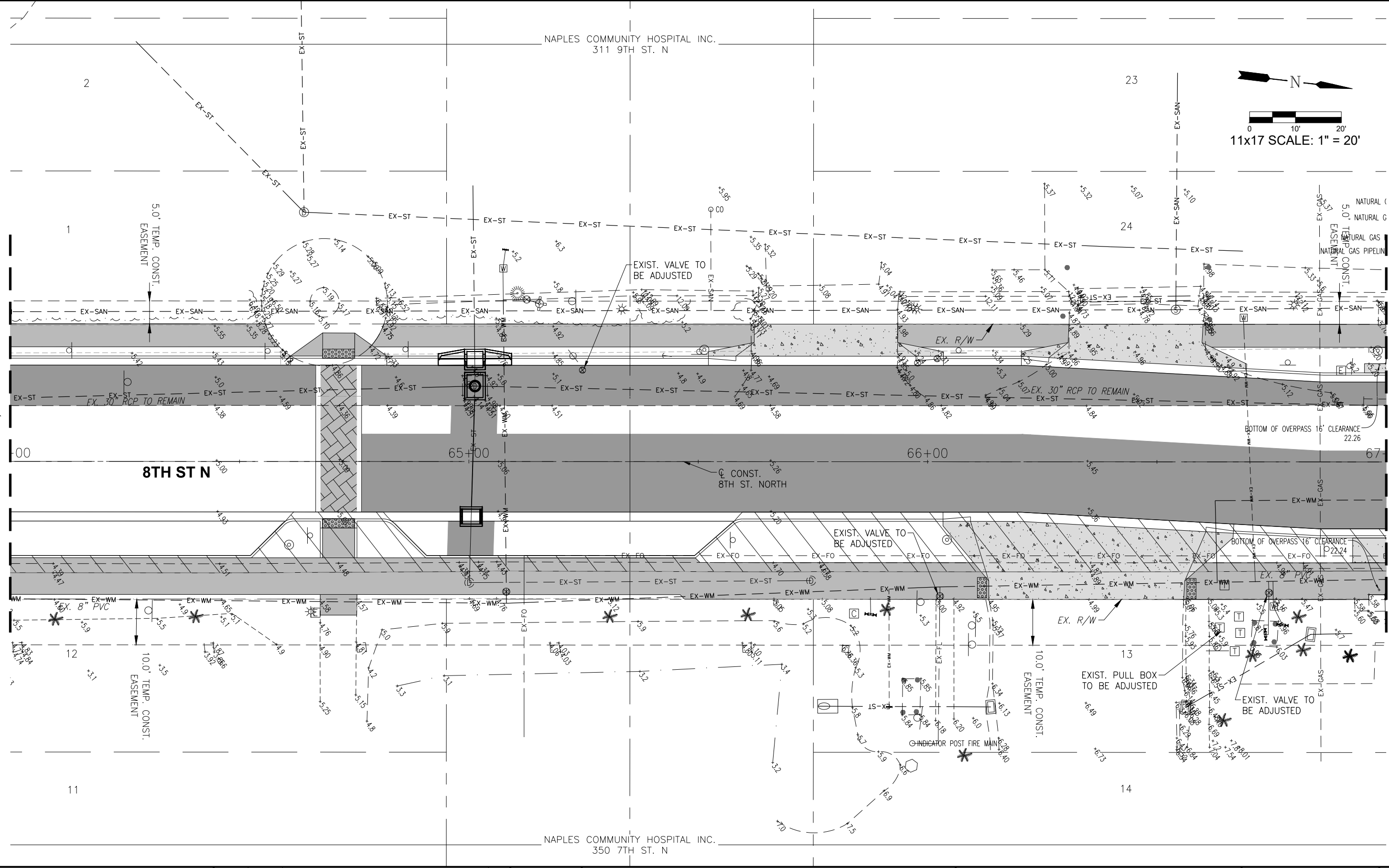
MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	57 OF 96

NAPLES COMMUNITY HOSPITAL INC.
311 9TH ST. N



FOR CONTINUATION, SEE SHEET 57

FOR CONTINUATION, SEE SHEET 59



NAPLES COMMUNITY HOSPITAL INC.
350 7TH ST. N

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE:	11x17 1" = 20'

GradyMinor

Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

UTILITY ADJUSTMENT PLAN - 19

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

<p>MUNICIPALITY: CITY OF NAPLES</p> <p>SEC./TWN./RGE: 34/49S & 3/50S/25E</p> <p>DATE: DECEMBER, 2018</p> <p>SUBMITTAL TYPE: 100% PLANS</p> <p>SHEET 58 OF 96</p>	<p>R. DANIEL FLYNN, P.E. FLORIDA P.E. LICENSE NO. 76205</p>
--	---

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%CN007-1A 1/4/2019 3:46 PM

NAPLES COMMUNITY HOSPITAL INC.
311 9TH ST. N

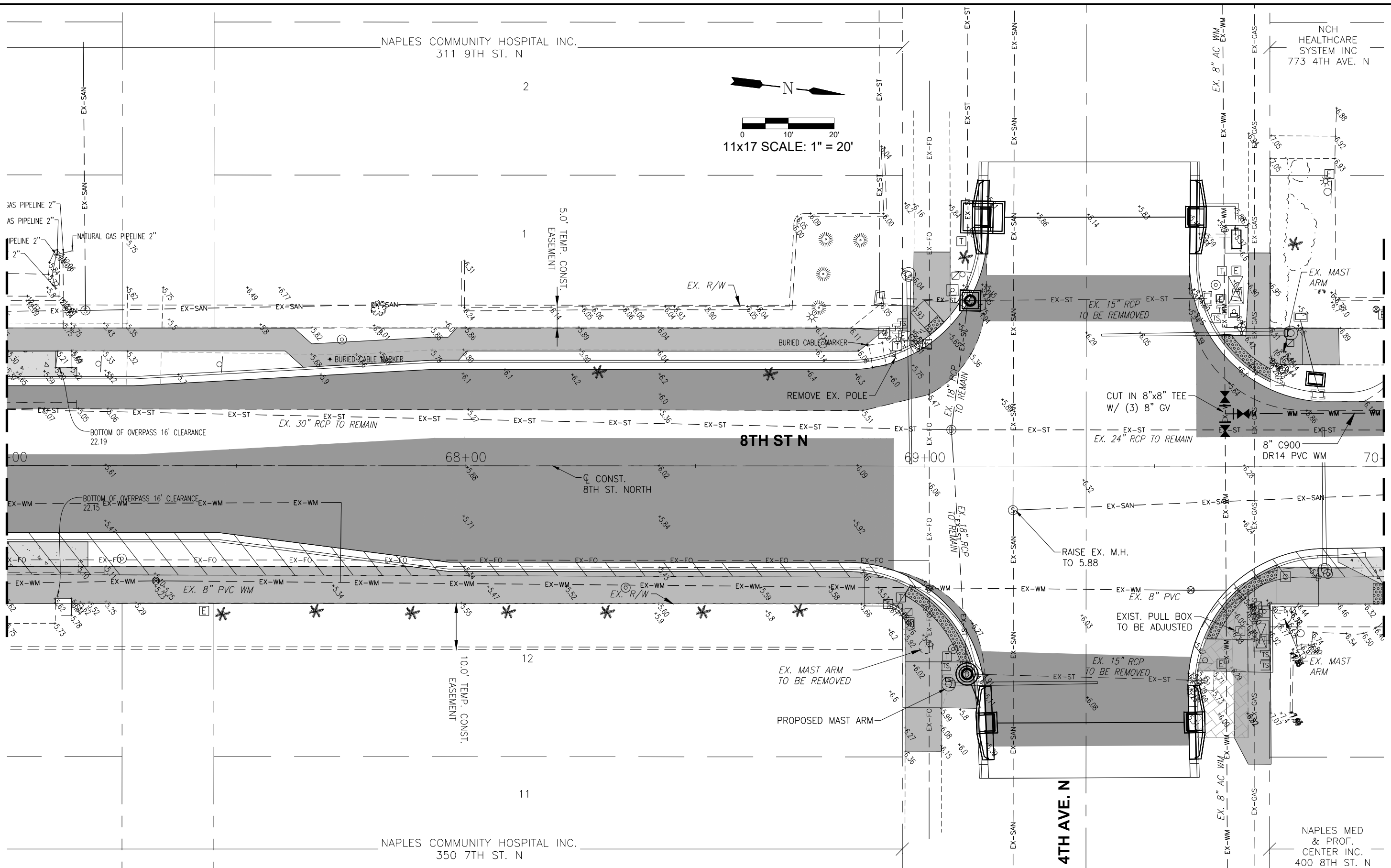
2



NCH
HEALTHCARE
SYSTEM INC
773 4TH AVE. N

FOR CONTINUATION, SEE SHEET 58

FOR CONTINUATION, SEE SHEET 60



NAPLES COMMUNITY HOSPITAL INC.
350 7TH ST. N

11

NAPLES MED
& PROF.
CENTER INC.
400 8TH ST. N

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	
JOB CODE:	CN007
SCALE:	11x17 1" = 20'



Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

8th Street Improvements

UTILITY ADJUSTMENT PLAN - 20

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

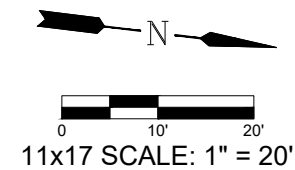
MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	59 OF 96

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTAL\PE\90%CN007-11A 1/4/2019 3:48 PM

NCH HEALTHCARE SYSTEM INC
773 4TH AVE. N

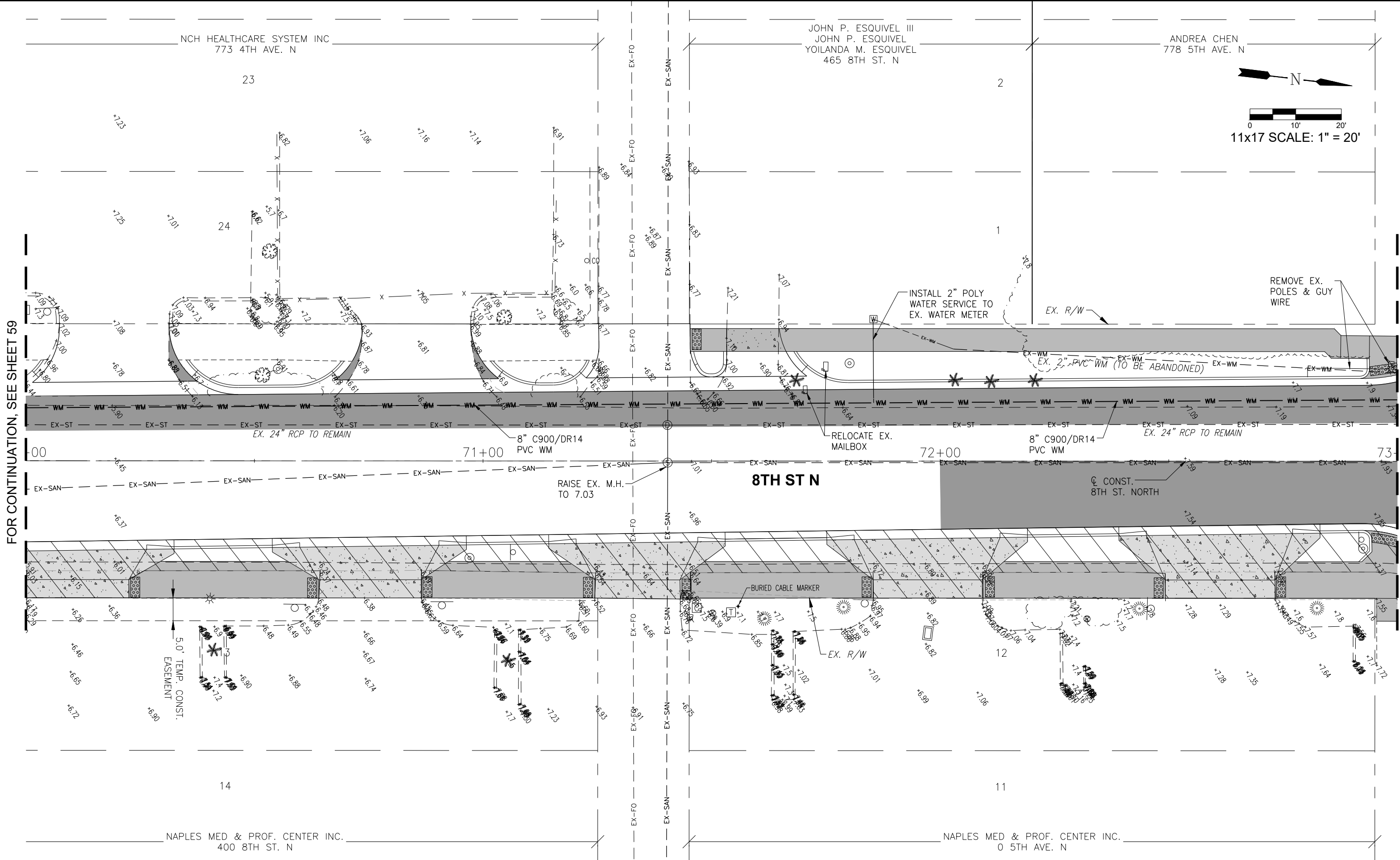
JOHN P. ESQUIVEL III
JOHN P. ESQUIVEL
YOILANDA M. ESQUIVEL
465 8TH ST. N

ANDREA CHEN
778 5TH AVE. N



FOR CONTINUATION, SEE SHEET 59

FOR CONTINUATION, SEE SHEET 61



LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE:	11x17 1" = 20'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

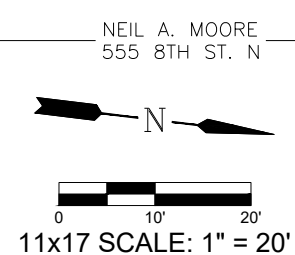
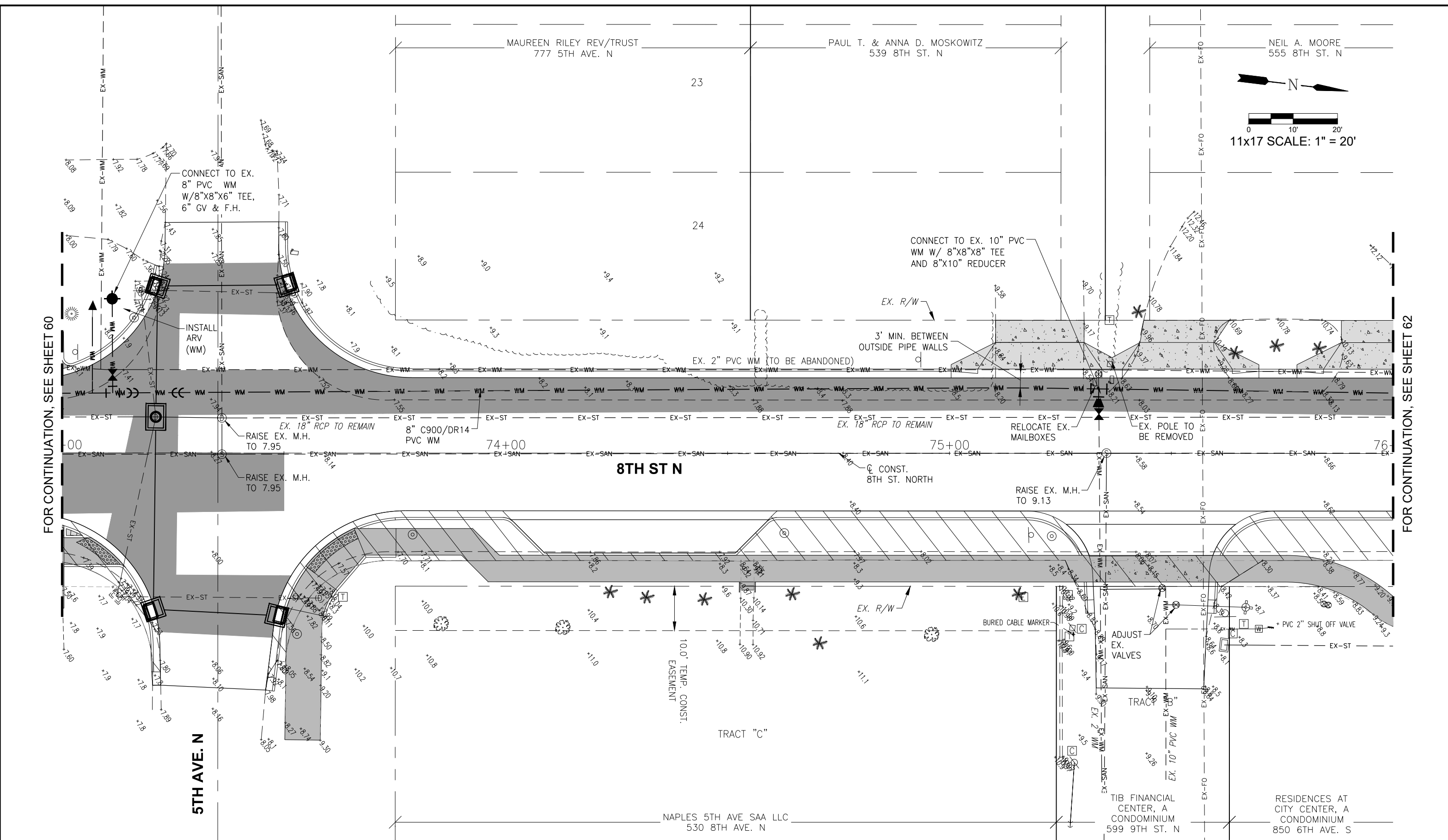
UTILITY ADJUSTMENT PLAN - 21

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% PLANS
SHEET	60 OF 96

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\007\GTDWGS\SUBMITTYPE\90\%CN007-11A 1/4/2019 3:49 PM



FOR CONTINUATION, SEE SHEET 60

FOR CONTINUATION, SEE SHEET 62

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	
JOB CODE:	CN007
SCALE:	11x17 1" = 20'

GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Business LC 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements
 UTILITY ADJUSTMENT PLAN - 22
 ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

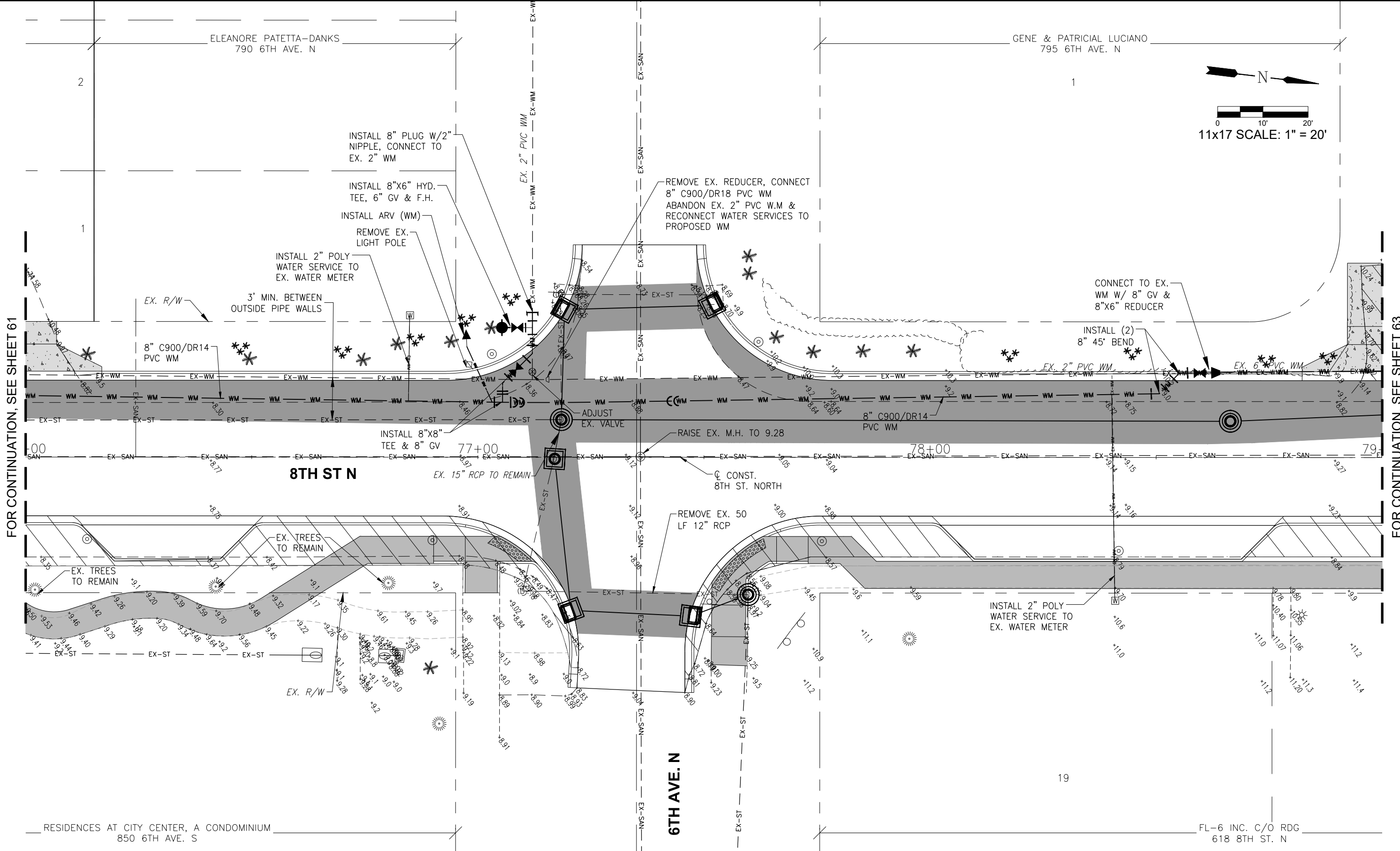
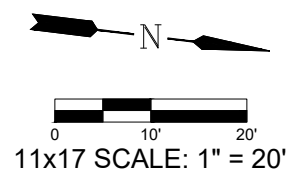
MUNICIPALITY:
CITY OF NAPLES
 SEC/TWN/RGB:
34/49S & 3/50S/25E
 DATE:
DECEMBER, 2018
 SUBMITTAL TYPE:
100% PLANS
 SHEET 61 OF 96

R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%PLAN\CD007-LIA 1/4/2019 3:50 PM

ELEANORE PATETTA-DANKS
790 6TH AVE. N

GENE & PATRICIAL LUCIANO
795 6TH AVE. N



FOR CONTINUATION, SEE SHEET 61

FOR CONTINUATION, SEE SHEET 63

8TH ST N

6TH AVE. N

RESIDENCES AT CITY CENTER, A CONDOMINIUM
850 6TH AVE. S

FL-6 INC. C/O RDG
618 8TH ST. N

LEGEND

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: R.A.K.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: 11x17 1" = 20'



Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8th Street Improvements

UTILITY ADJUSTMENT PLAN - 23

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

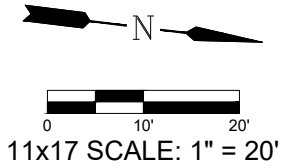
R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/RGB: 34/49S & 3/50S/25E
 DATE: DECEMBER, 2018
 SUBMITTAL TYPE: 100% PLANS
 SHEET 62 OF 96

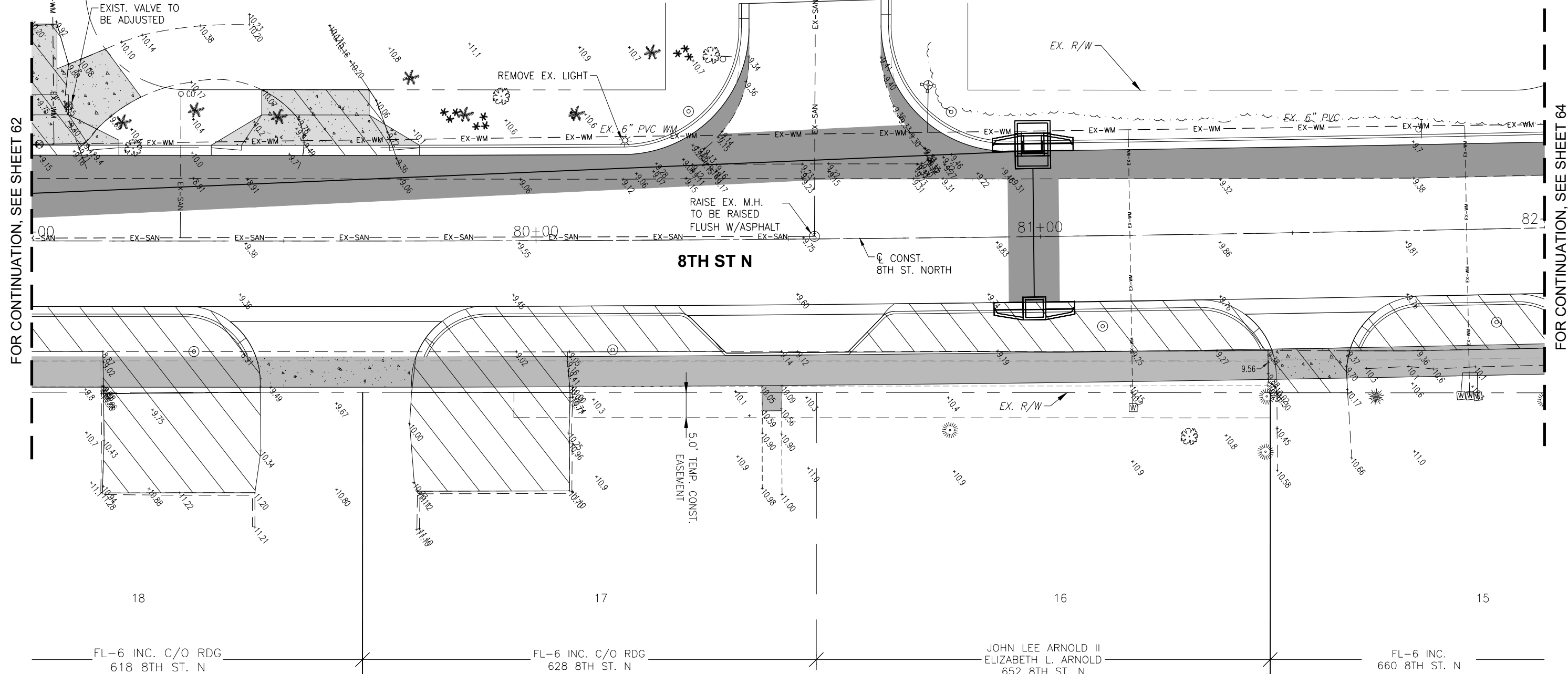
C:\ENGINEERING\PROJ-ENG\CDWG\SUBMITTYPE\90%CDWG\174\2019_350.P

ROBERT HENRY ALBAN FARROW
PAULA JANICE FARROW
635 8TH ST. N

ANDREW S. MESSICK JR.
AUDRONE G. MESSICK
785 BROAD CT. S



BROAD CT. S



FOR CONTINUATION, SEE SHEET 62

FOR CONTINUATION, SEE SHEET 64

LEGEND

Revision	Date	Description	By

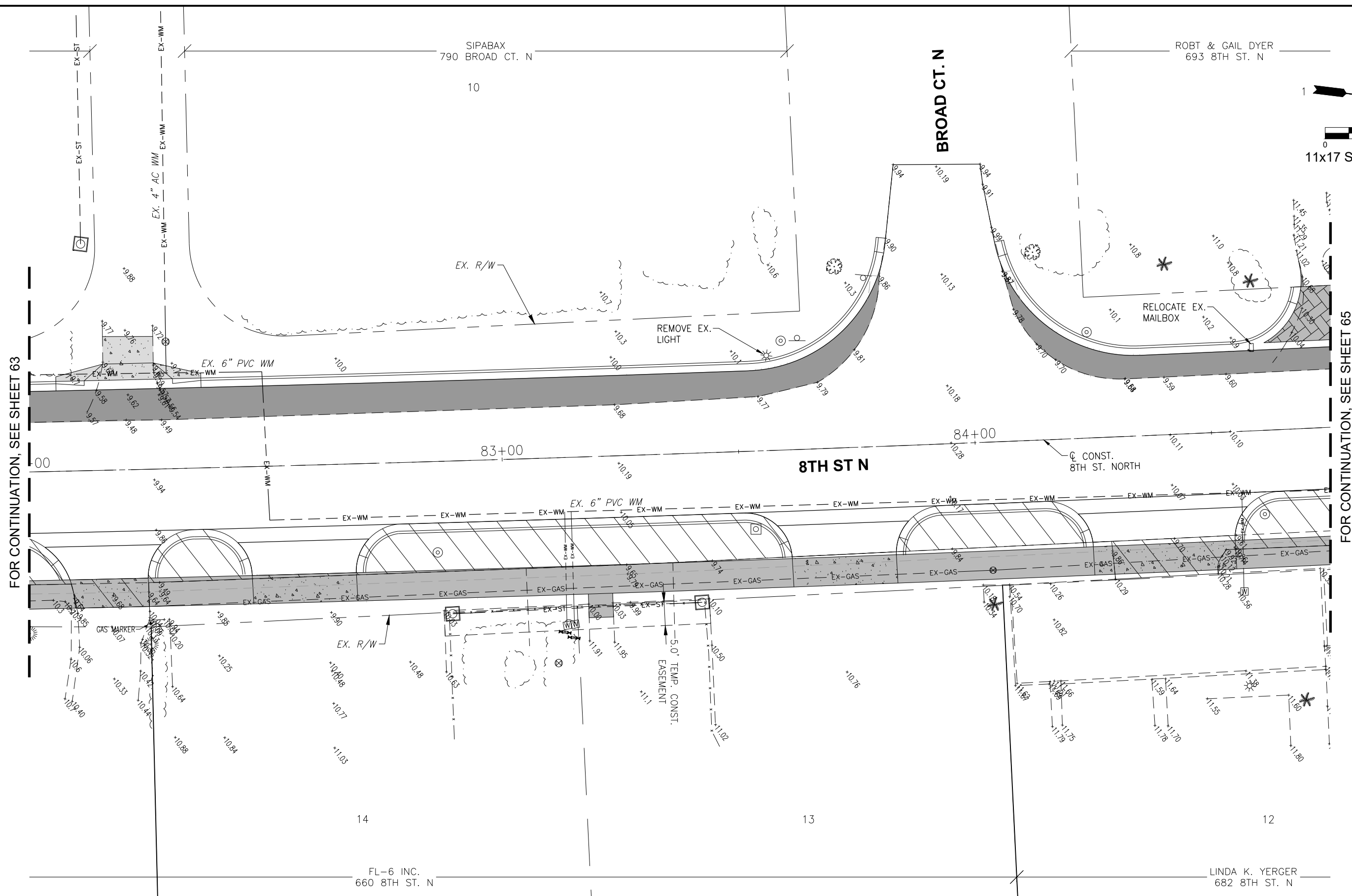
DESIGNED BY: R.D.F.
DRAWN BY: R.A.K.
APPROVED: R.D.F.
JOB CODE: CN007
SCALE: 11x17 1" = 20'

GradyMinor
Civil Engineers • Land Surveyors • Planners • Landscape Architects
Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
Business LG 26000266
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements
UTILITY ADJUSTMENT PLAN - 24
ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

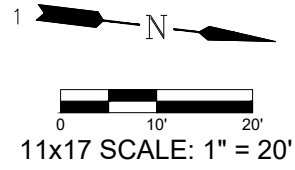
MUNICIPALITY: CITY OF NAPLES
SEC/TWN/RGB: 34/49S & 3/50S/25E
DATE: DECEMBER, 2018
SUBMITTAL TYPE: 100% PLANS
SHEET 63 OF 96
R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTAL\TYPE\90%&100%&11A 1/4/2019 3:51 PM



FOR CONTINUATION, SEE SHEET 63

FOR CONTINUATION, SEE SHEET 65



LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE:	11x17 1" = 20'

GradyMinor

Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

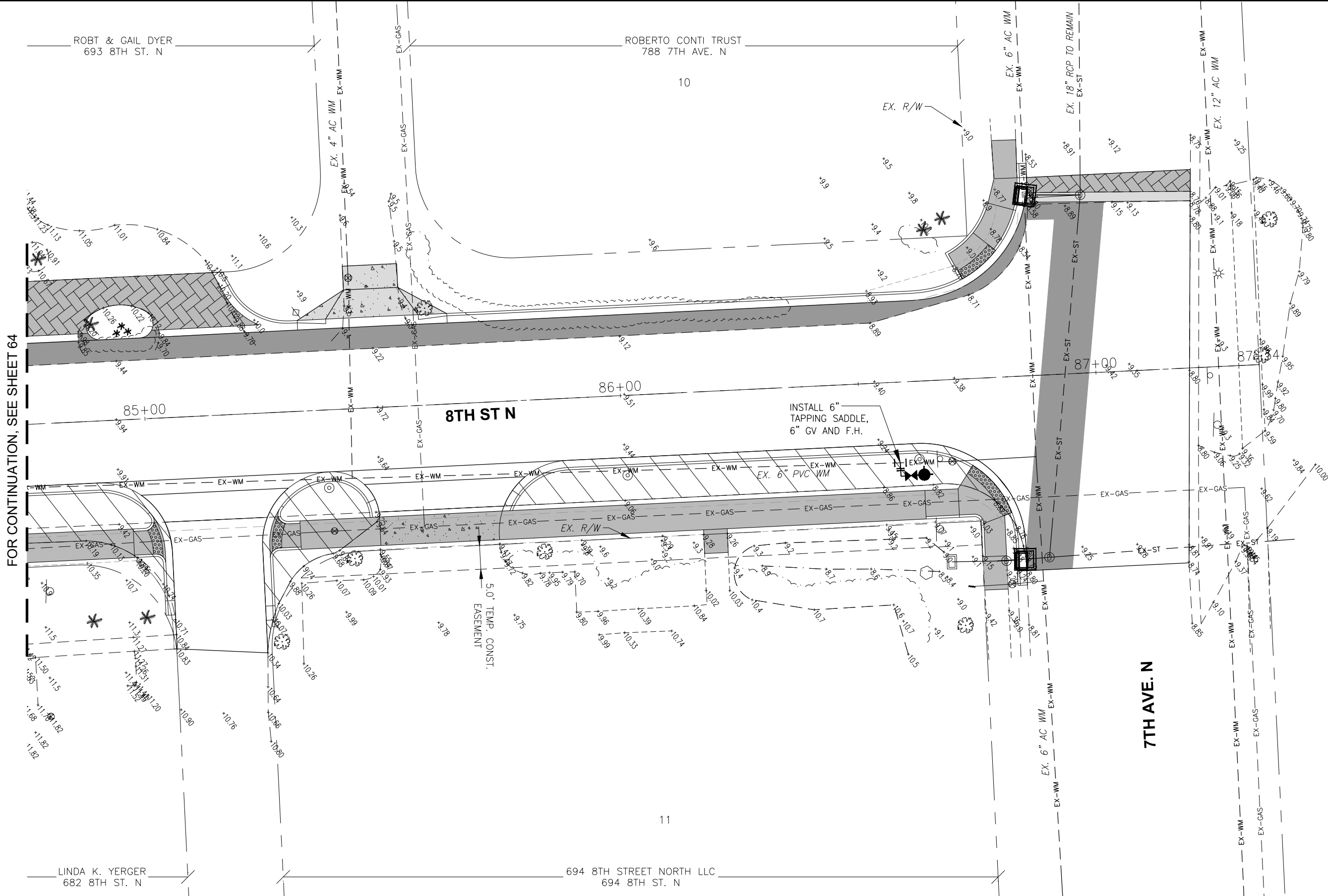
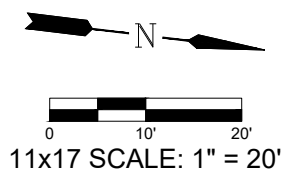
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

UTILITY ADJUSTMENT PLAN - 25

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

<p>MUNICIPALITY: CITY OF NAPLES</p> <p>SEC/TWN/ROB: 34/49S & 3/50S/25E</p> <p>DATE: DECEMBER, 2018</p> <p>SUBMITTAL TYPE: 100% PLANS</p> <p>SHEET 64 OF 96</p>	<p>R. DANIEL FLYNN, P.E. FLORIDA P.E. LICENSE NO. 76205</p>
--	---



FOR CONTINUATION, SEE SHEET 64

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	
JOB CODE:	CN007
SCALE:	11x17 1" = 20'

GradyMinor

Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

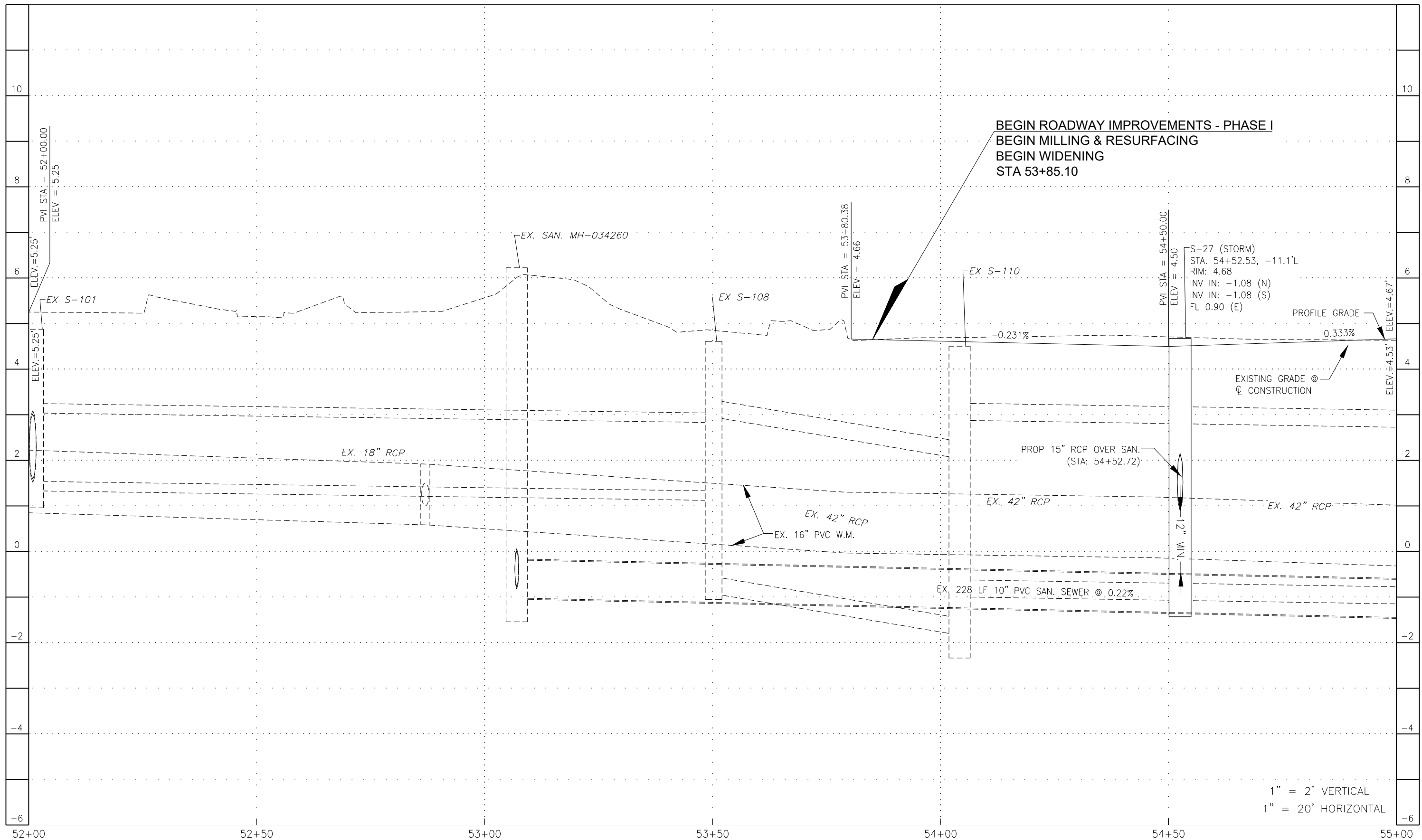
8th Street Improvements

UTILITY ADJUSTMENT PLAN - 26

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

<p>MUNICIPALITY: CITY OF NAPLES</p> <p>SEC/TWN/ROB: 34/49S & 3/50S/25E</p> <p>DATE: DECEMBER, 2018</p> <p>SUBMITTAL TYPE: 100% PLANS</p> <p>SHEET 65 OF 96</p>	<p>R. DANIEL FLYNN, P.E. FLORIDA P.E. LICENSE NO. 76205</p>
--	---

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%CN007-11A 1/4/2019 3:52 PM



1" = 2' VERTICAL
1" = 20' HORIZONTAL

LEGEND

Revision	Date	Description	By

DESIGNED BY: R.D.F.
DRAWN BY: R.A.K.
APPROVED: R.D.F.
JOB CODE: CN007
SCALE: VERT. 1" = 2'
HORI. 1" = 20'



GradyMinor
Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

8TH STREET IMPROVEMENTS

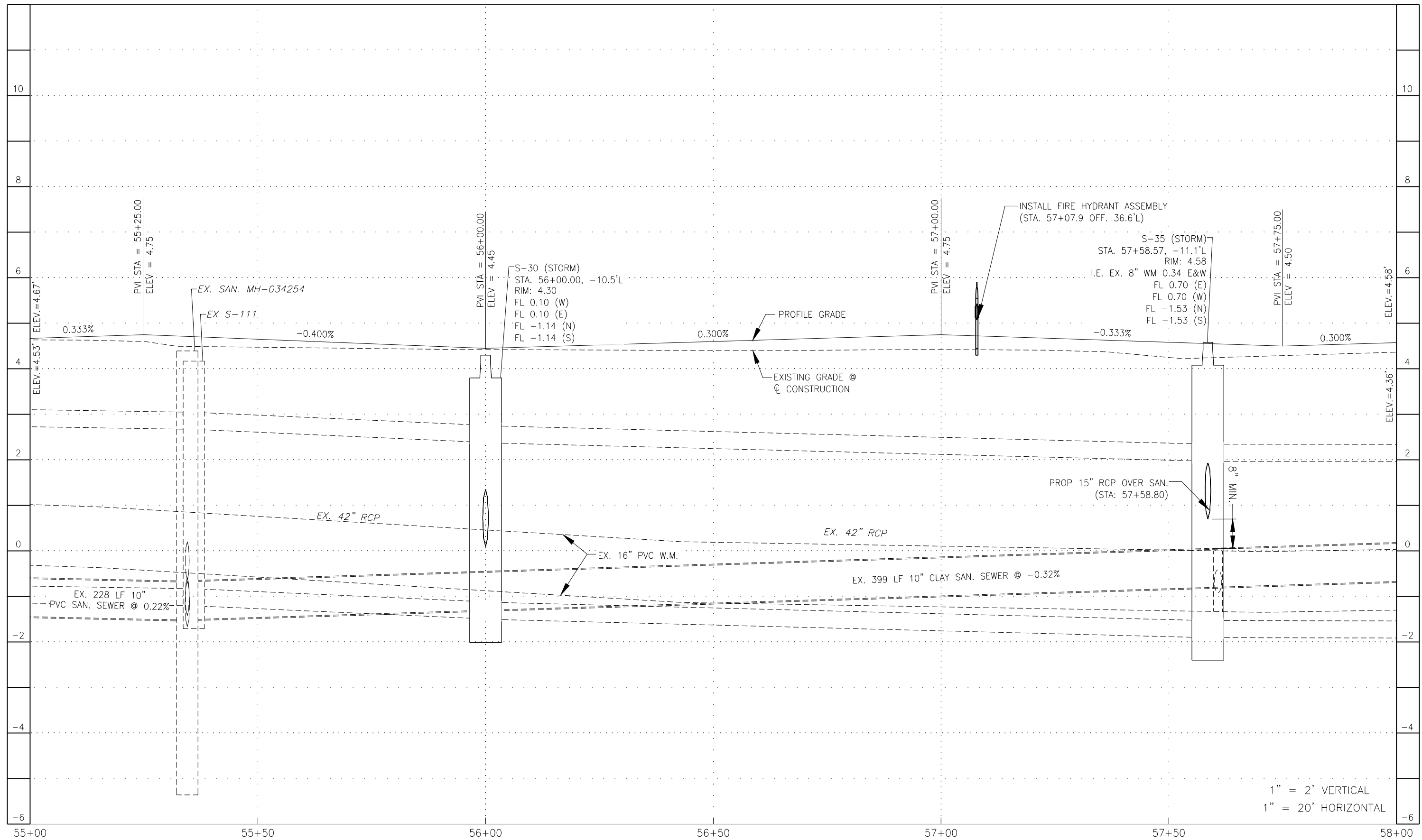
PROFILE SHEET - 15
8TH STREET

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY: CITY OF NAPLES
SEC/TWN/RGB: 34/49S & 3/50S/25E
DATE: DECEMBER, 2018
SUBMITTAL TYPE: 100% SUBMITTAL
SHEET 86 OF 182

G:\ENGINEERING\PROJ-ENG\CAD\DWG\SUBMITTAL\TYPE 90% CAD007-PROFILES 1/1/2019 3:53 PM



1" = 2' VERTICAL
1" = 20' HORIZONTAL

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 2'	
HORI. 1" = 20'	



Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8TH STREET IMPROVEMENTS

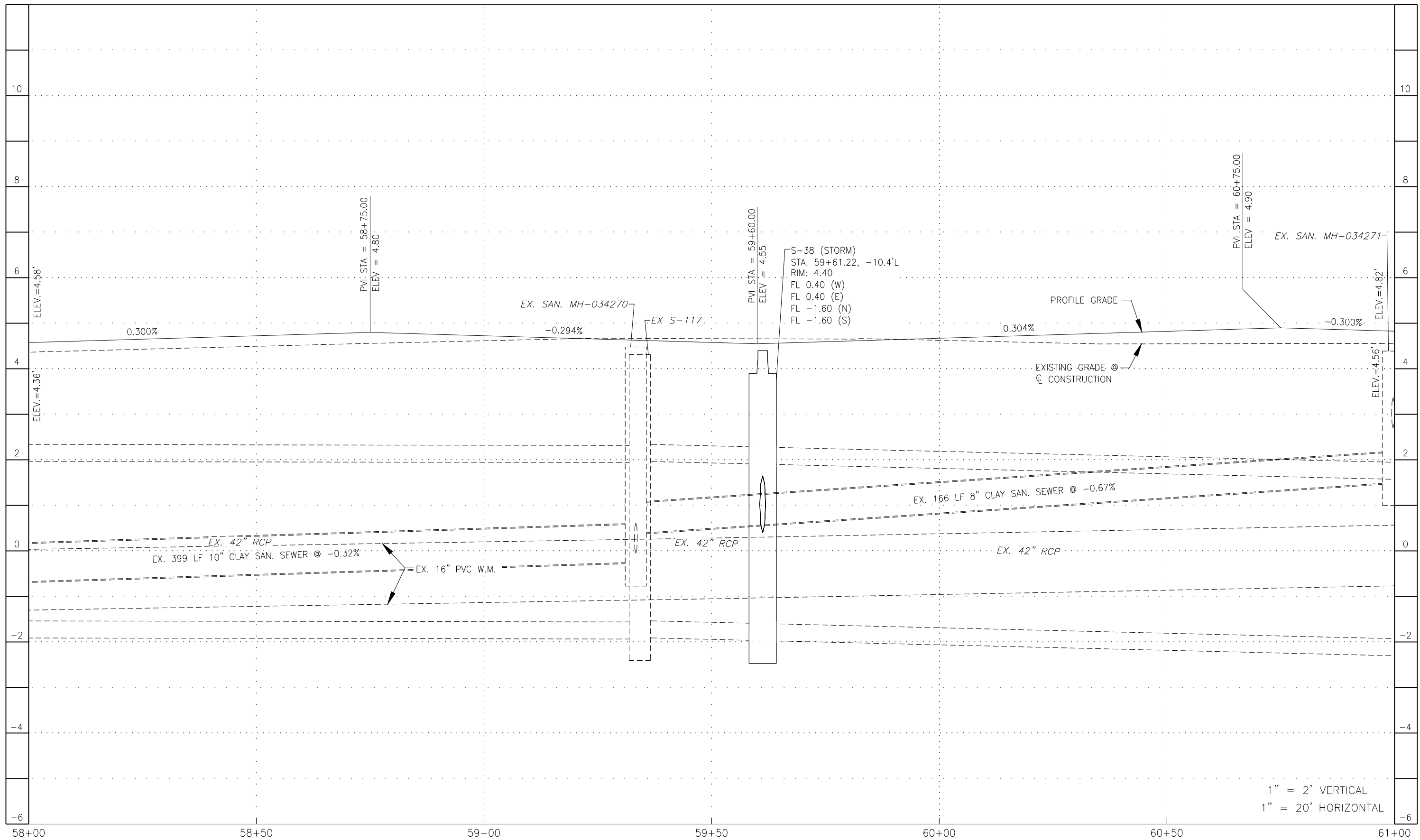
**PROFILE SHEET - 16
8TH STREET**

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:	CITY OF NAPLES
SEC./TWN./RQB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% SUBMITTAL
SHEET	87 OF 96

G:\ENGINEERING\PROJ-ENG\CN007\DWG\SUBMITTAL\TYPE 90% \CN007-PROFILES 1/1/2019 3:53 PM



1" = 2' VERTICAL
1" = 20' HORIZONTAL

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 2'	
HORI. 1" = 20'	



Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8TH STREET IMPROVEMENTS

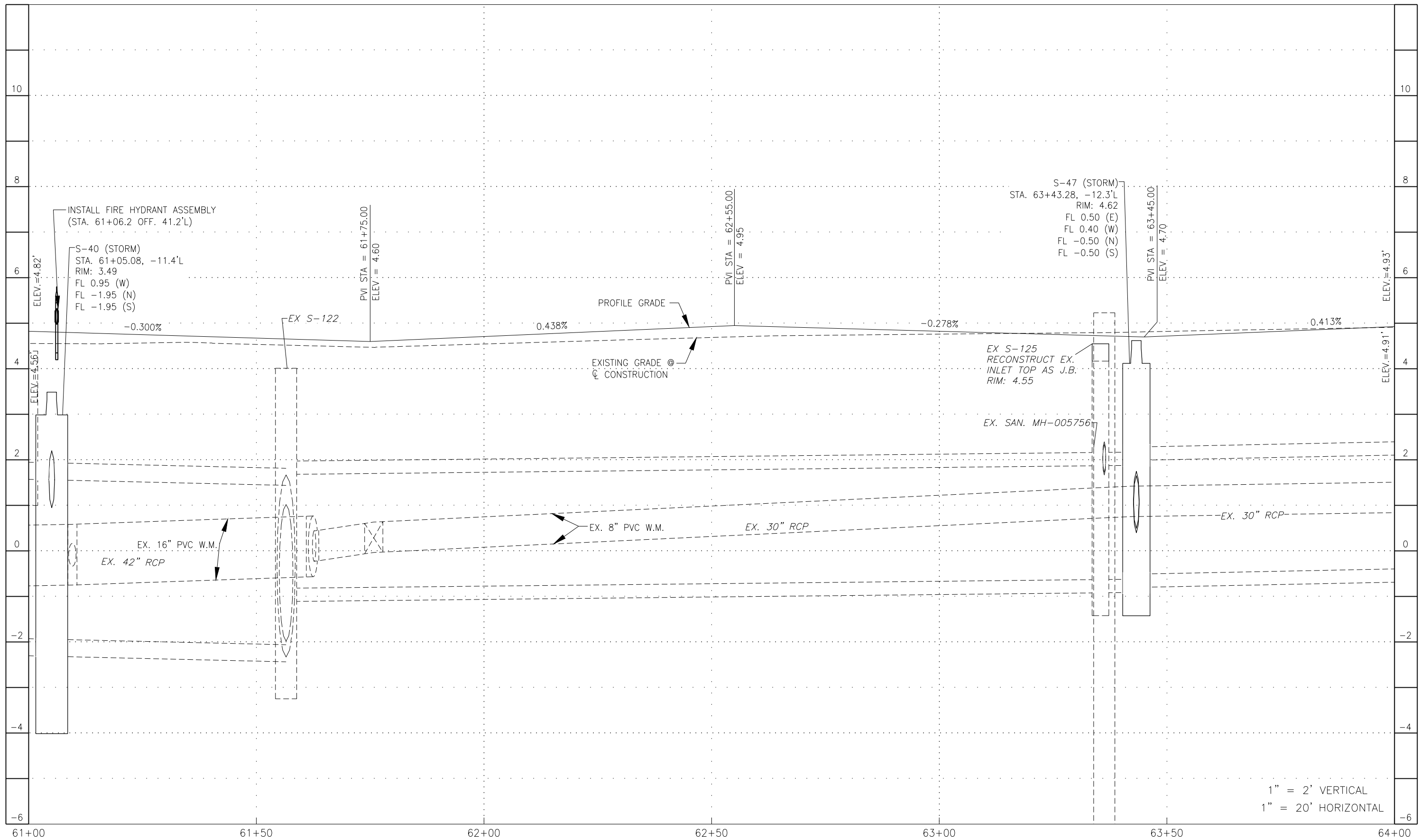
**PROFILE SHEET - 17
8TH STREET**

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% SUBMITTAL
SHEET	88 OF 96

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%\CN007-PROFILES_1/1/2019_3:53 PM



1" = 2' VERTICAL
1" = 20' HORIZONTAL

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 2'	
HORL. 1" = 20'	



Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8TH STREET IMPROVEMENTS

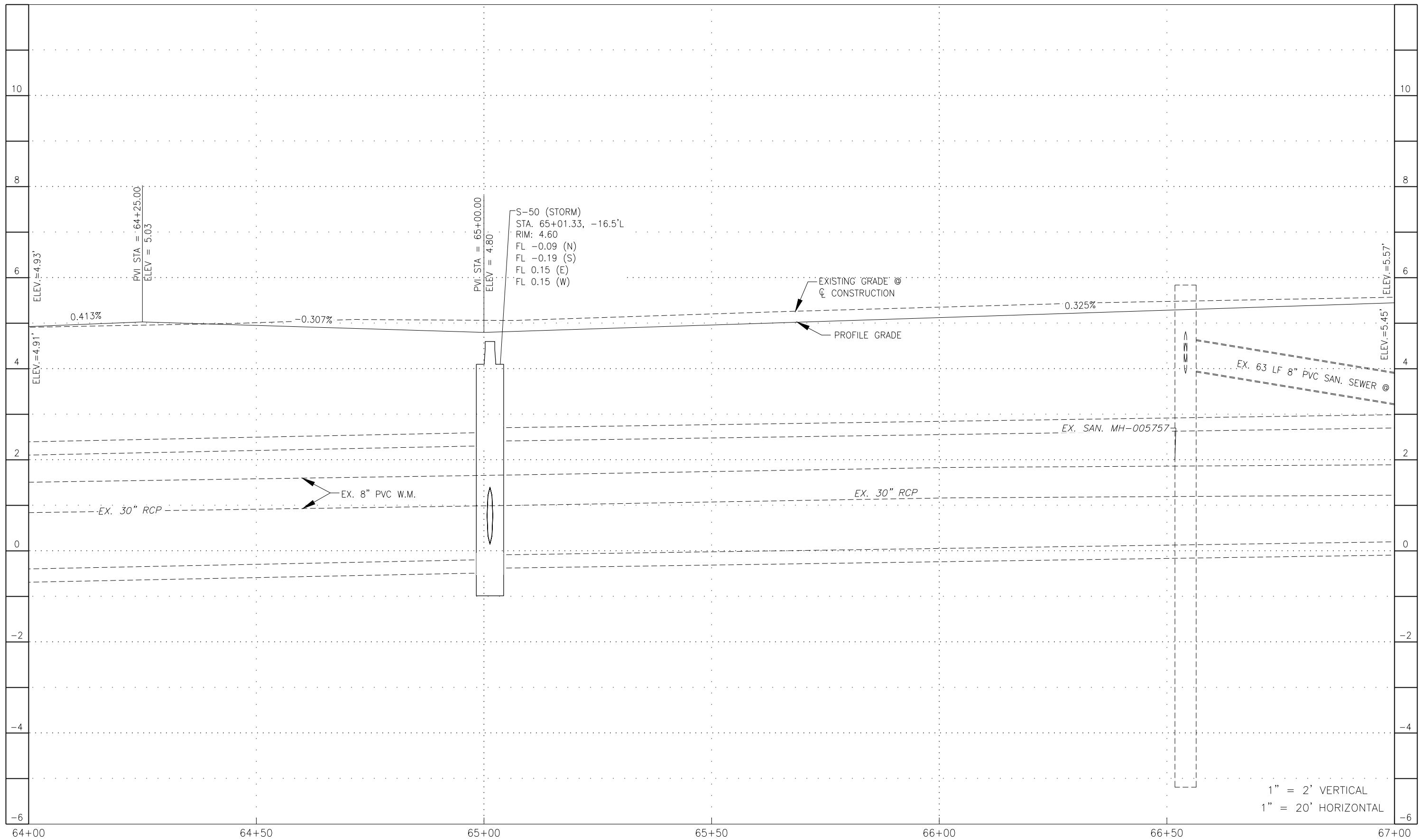
**PROFILE SHEET - 18
8TH STREET**

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% SUBMITTAL
SHEET	89 OF 96

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%\CN007-PROFILES 1/1/2019 3:53 PM



1" = 2' VERTICAL
1" = 20' HORIZONTAL

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 2'	
HORI. 1" = 20'	



Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8TH STREET IMPROVEMENTS

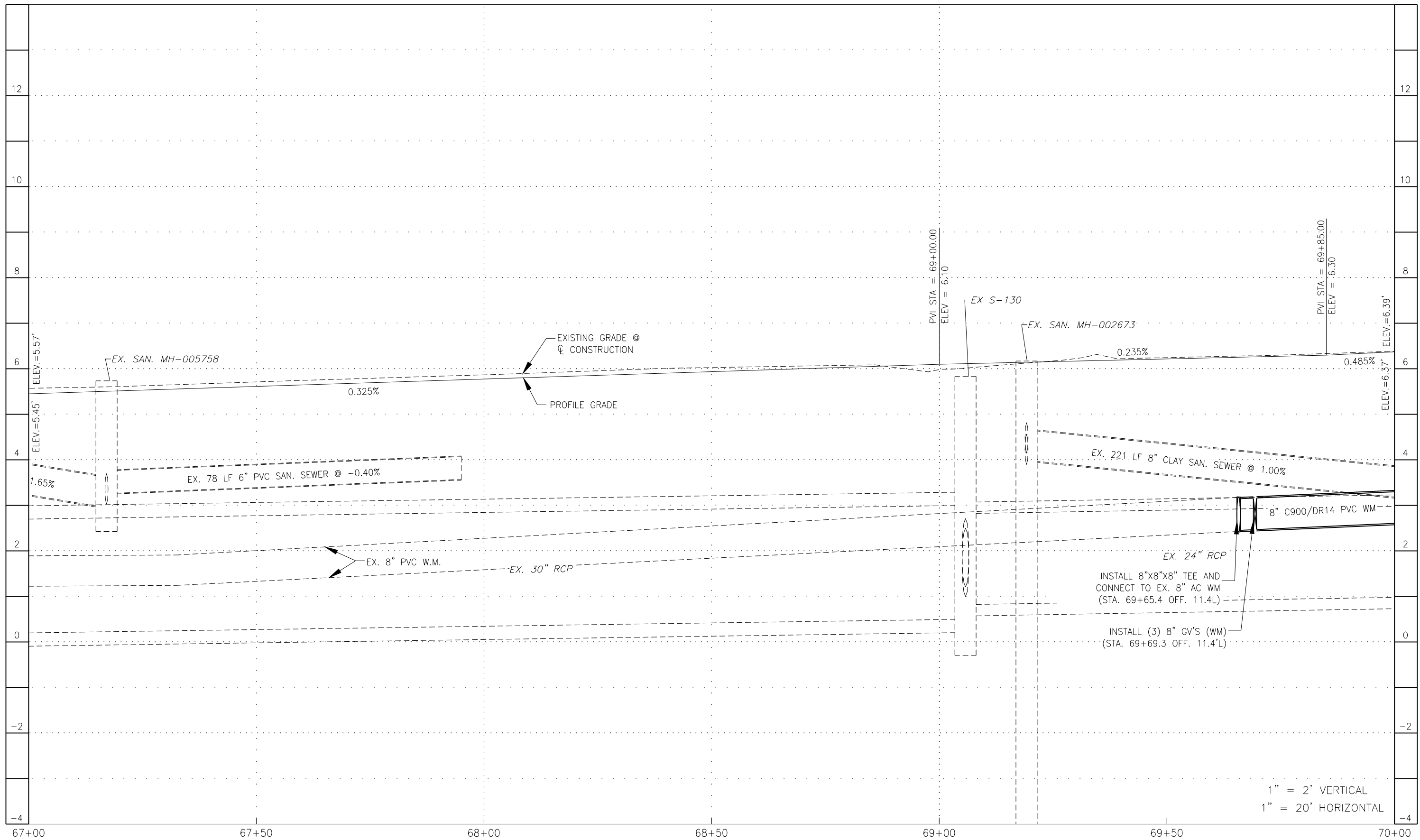
PROFILE SHEET - 19
8TH STREET

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% SUBMITTAL
SHEET	90 OF 96

G:\ENGINEERING\PROJ-ENG\CN007\01DWG\SUBMITTYPE\90%CN007-PROFILES 1/1/2019 3:54 PM



1" = 2' VERTICAL
1" = 20' HORIZONTAL

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 2'	
HORL. 1" = 20'	



GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8TH STREET IMPROVEMENTS

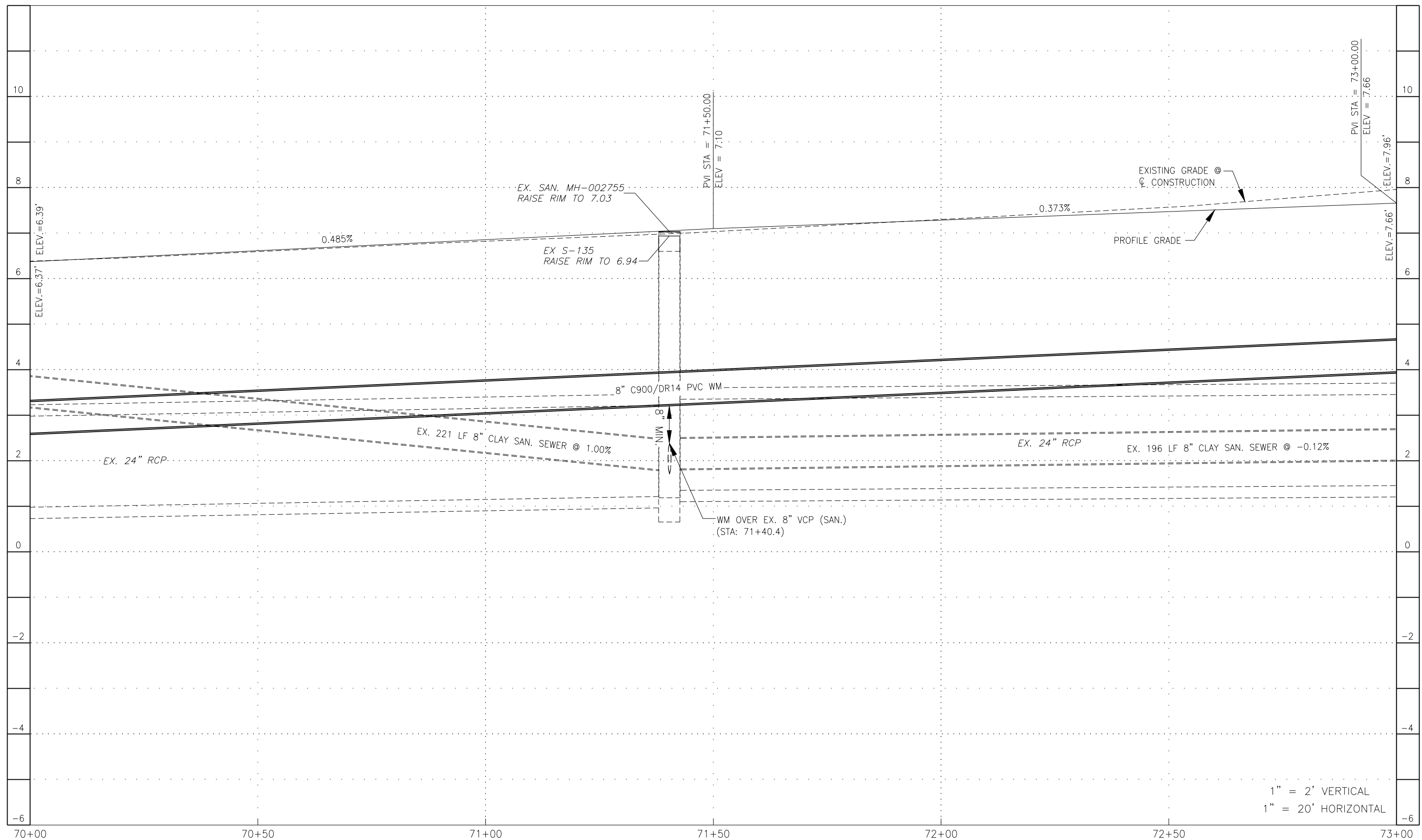
**PROFILE SHEET - 20
8TH STREET**

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:	CITY OF NAPLES
SEC./TWN./R.G.B.:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% SUBMITTAL
SHEET	91 OF 96

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%\CN007-PROFILES 1/1/2019 3:54 PM



1" = 2' VERTICAL
1" = 20' HORIZONTAL

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 2'	
HORI. 1" = 20'	



Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8TH STREET IMPROVEMENTS

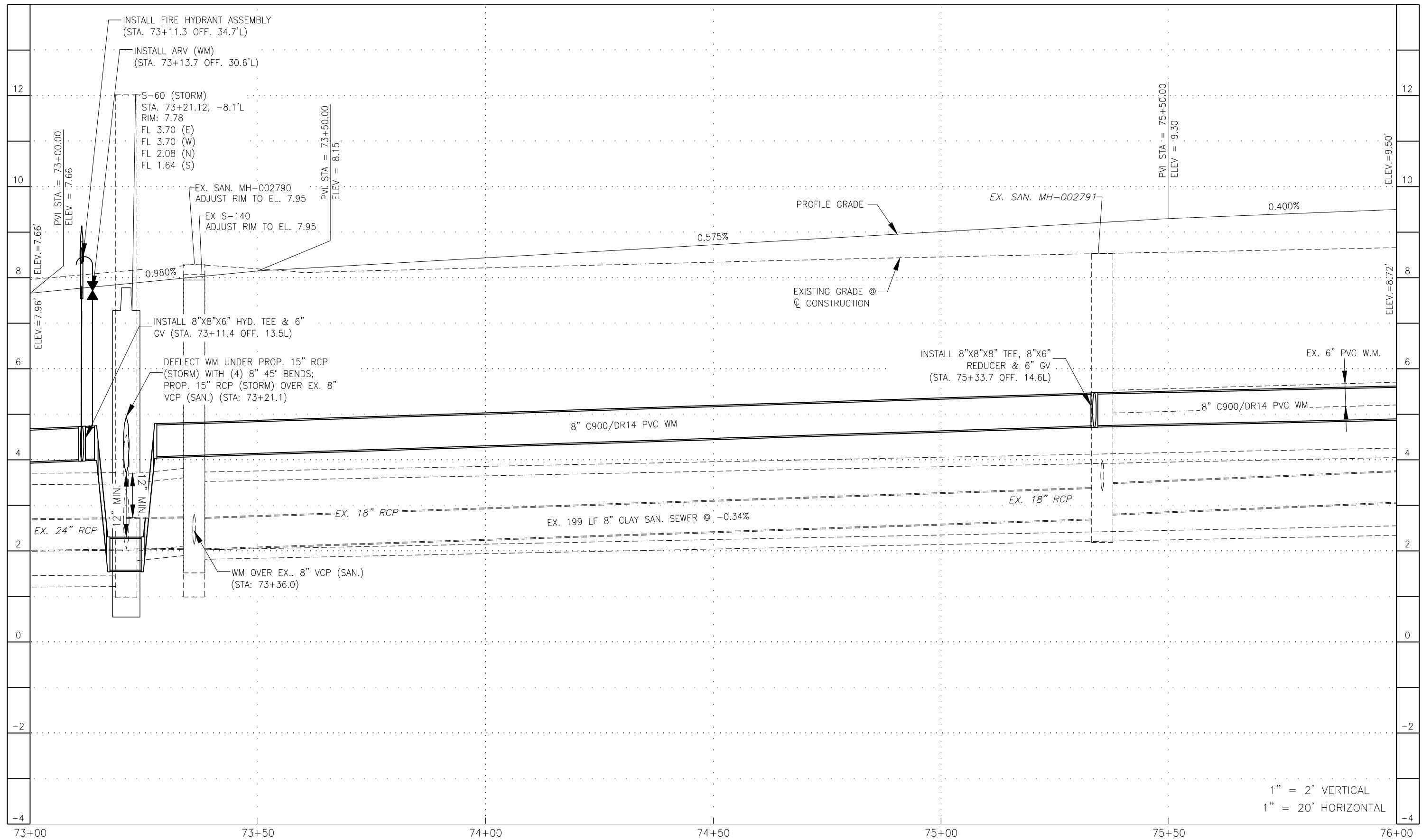
**PROFILE SHEET - 21
8TH STREET**

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:	CITY OF NAPLES
SEC./TWN./RGE:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% SUBMITTAL
SHEET	92 OF 96

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTAL\TYPE 90%\CN007-PROFILES 1/1/2019 3:54 PM



1" = 2' VERTICAL
1" = 20' HORIZONTAL

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 2'	
HORI. 1" = 20'	



Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134
Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
Business LC 26000266
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8TH STREET IMPROVEMENTS

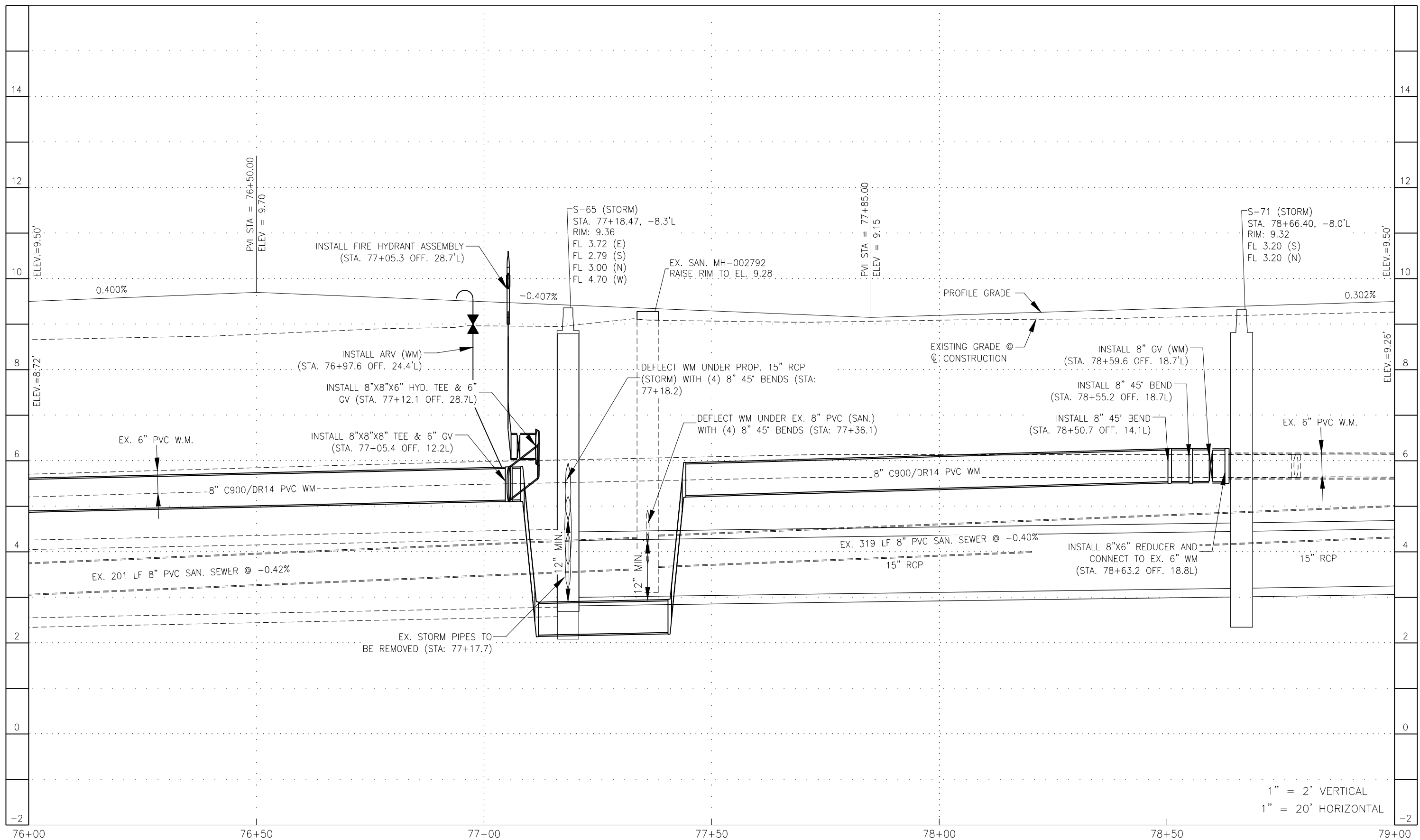
**PROFILE SHEET - 22
8TH STREET**

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% SUBMITTAL
SHEET	93 OF 96

G:\ENGINEERING\PROJ-ENG\CN007\GTDWG\SUBMITTAL\TYPE 90%\CN007-PROFILES 1/1/2019 3:54 PM



LEGEND

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: R.A.K.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: VERT. 1" = 2'
 HORI. 1" = 20'



Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8TH STREET IMPROVEMENTS

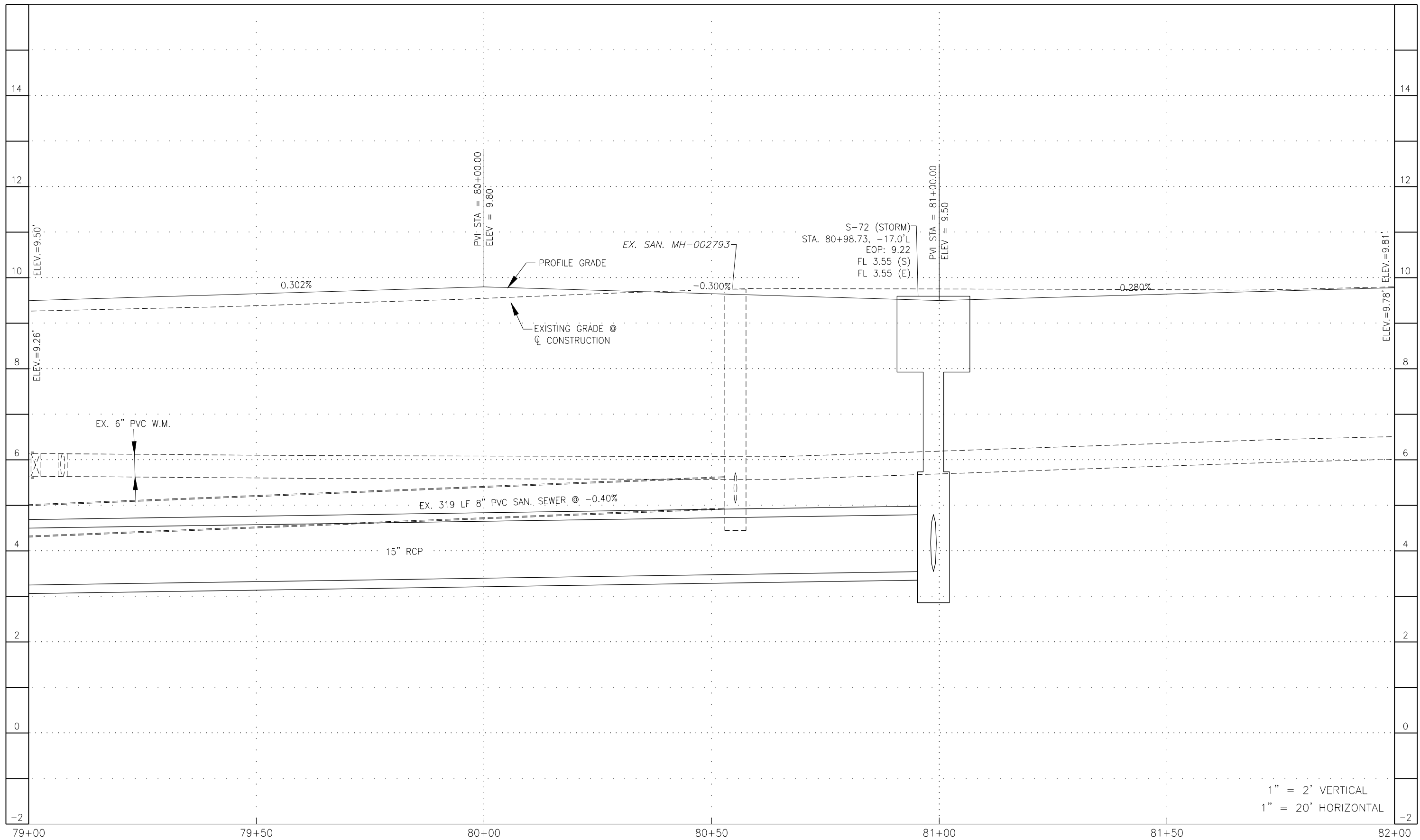
**PROFILE SHEET - 23
8TH STREET**

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/RGB: 34/49S & 3/50S/25E
 DATE: DECEMBER, 2018
 SUBMITTAL TYPE: 100% SUBMITTAL
 SHEET 94 OF 96

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%\CN007-PROFILES 1/1/2019 3:55 PM



LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 2'	
HORL. 1" = 20'	



Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8TH STREET IMPROVEMENTS

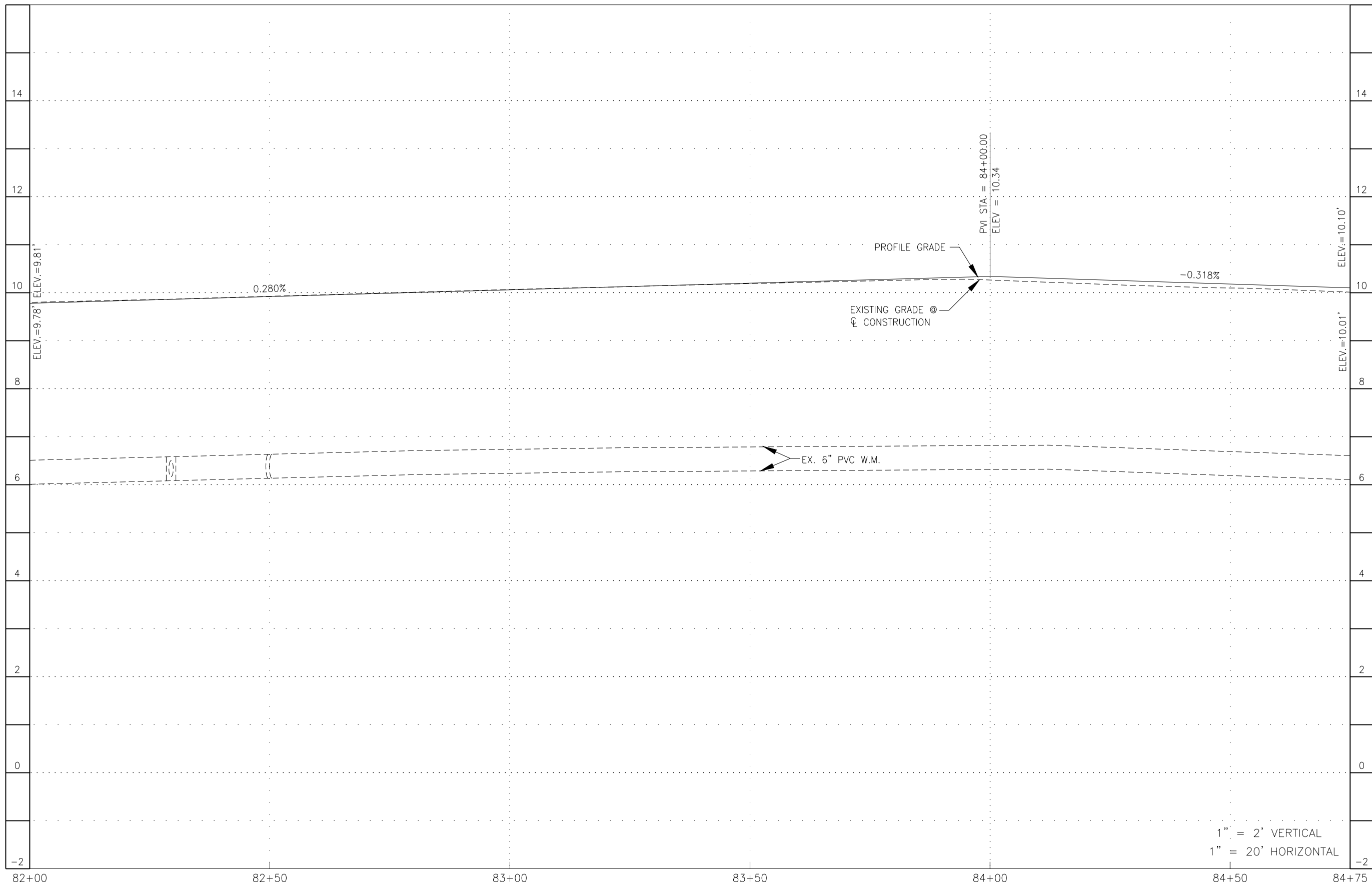
PROFILE SHEET - 24
8TH STREET

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% SUBMITTAL
SHEET	95 OF 96

G:\ENGINEERING\PROJ-ENG\CN007\G1DWG\SUBMITTYPE\90%\CN007-PROFILES 1/1/2019 3:55 PM



1" = 2' VERTICAL
 1" = 20' HORIZONTAL

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT.	1" = 2'
HORL.	1" = 20'

GradyMinor

Civil Engineers • Land Surveyors • Planners • Landscape Architects

3800 Via Del Rey
 Bonita Springs, Florida 34134

Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8TH STREET IMPROVEMENTS

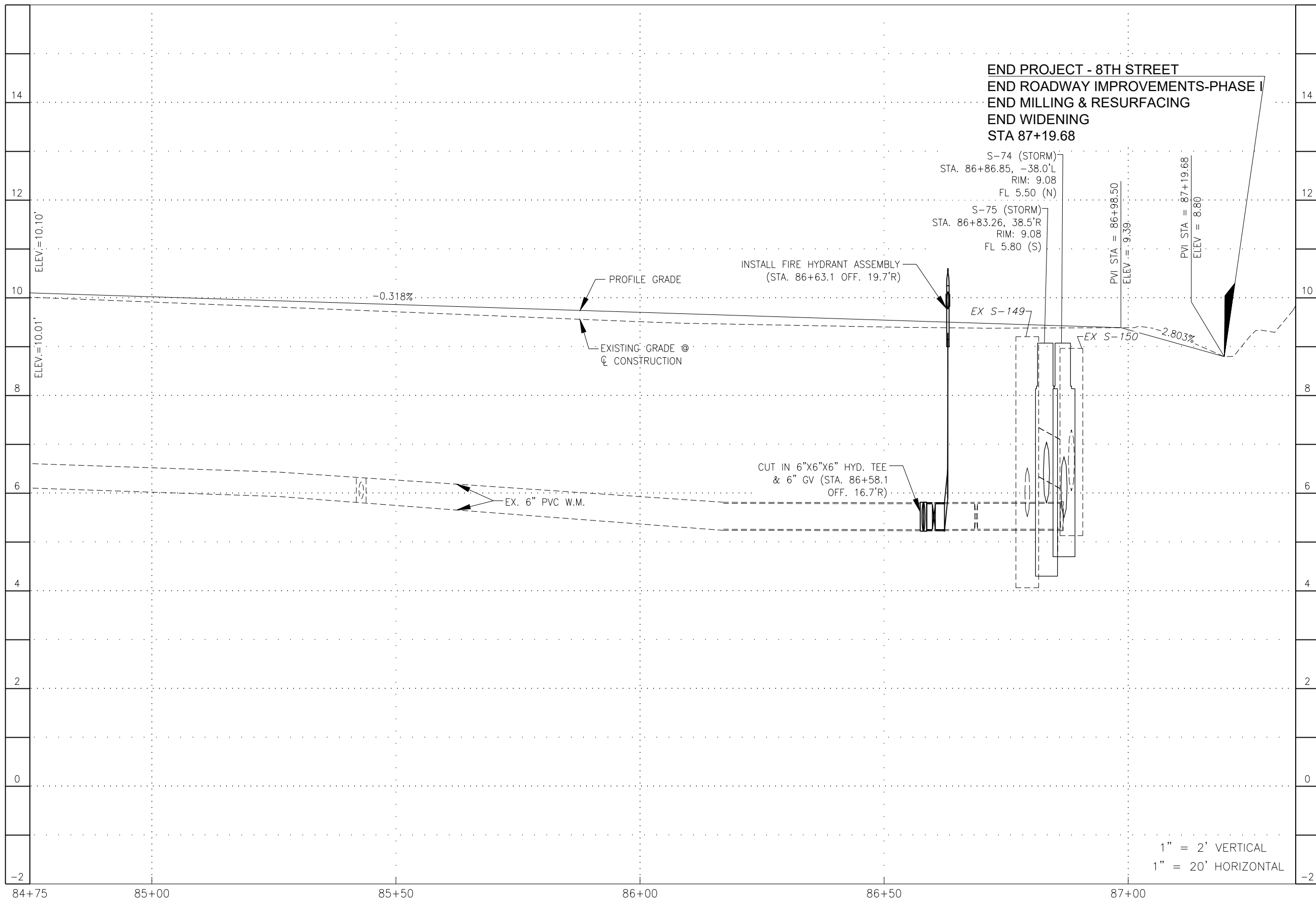
PROFILE SHEET - 25
8TH STREET

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% SUBMITTAL
SHEET	96 OF 96

G:\ENGINEERING\PROJ-ENG\CN007\G1DWG5\SUBMITTYPE\96%CN007-PROFILES 1/1/2019 3:55 PM



1" = 2' VERTICAL
1" = 20' HORIZONTAL

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	R.A.K.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 2'	
HORL. 1" = 20'	



Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8TH STREET IMPROVEMENTS

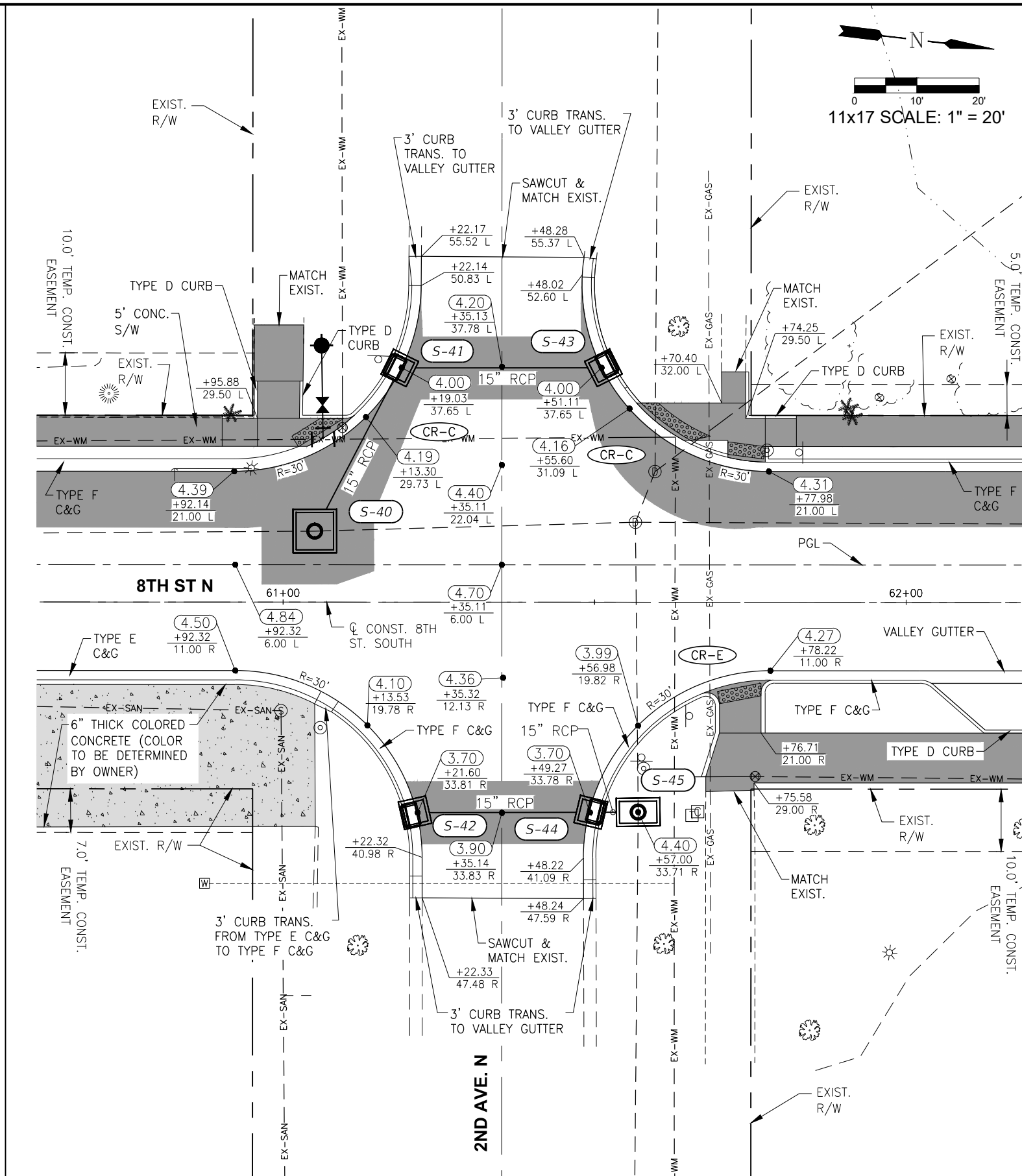
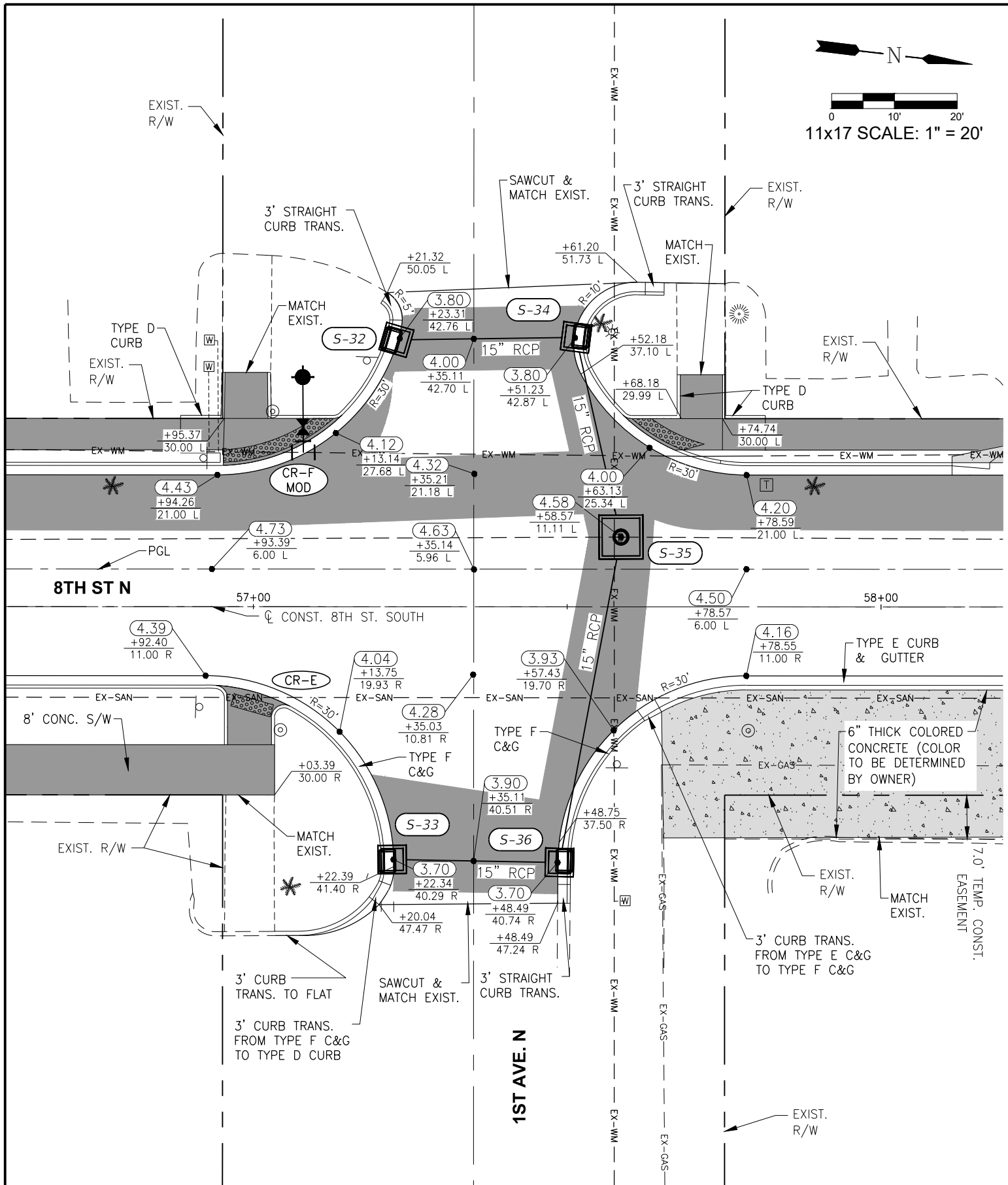
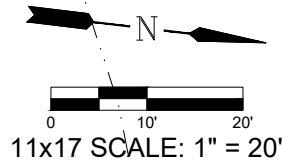
**PROFILE SHEET - 26
8TH STREET**

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% SUBMITTAL
SHEET 97 OF 96	

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%\CN007-PROFILES 1/1/2019 3:55 PM



LEGEND

	PROPOSED FULL DEPTH RECONSTRUCTION
	PROPOSED PAVEMENT RECONSTRUCTION
	PROPOSED 6" CONCRETE
	PROPOSED 4" CONCRETE SIDEWALK

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: 11x17 1" = 20'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

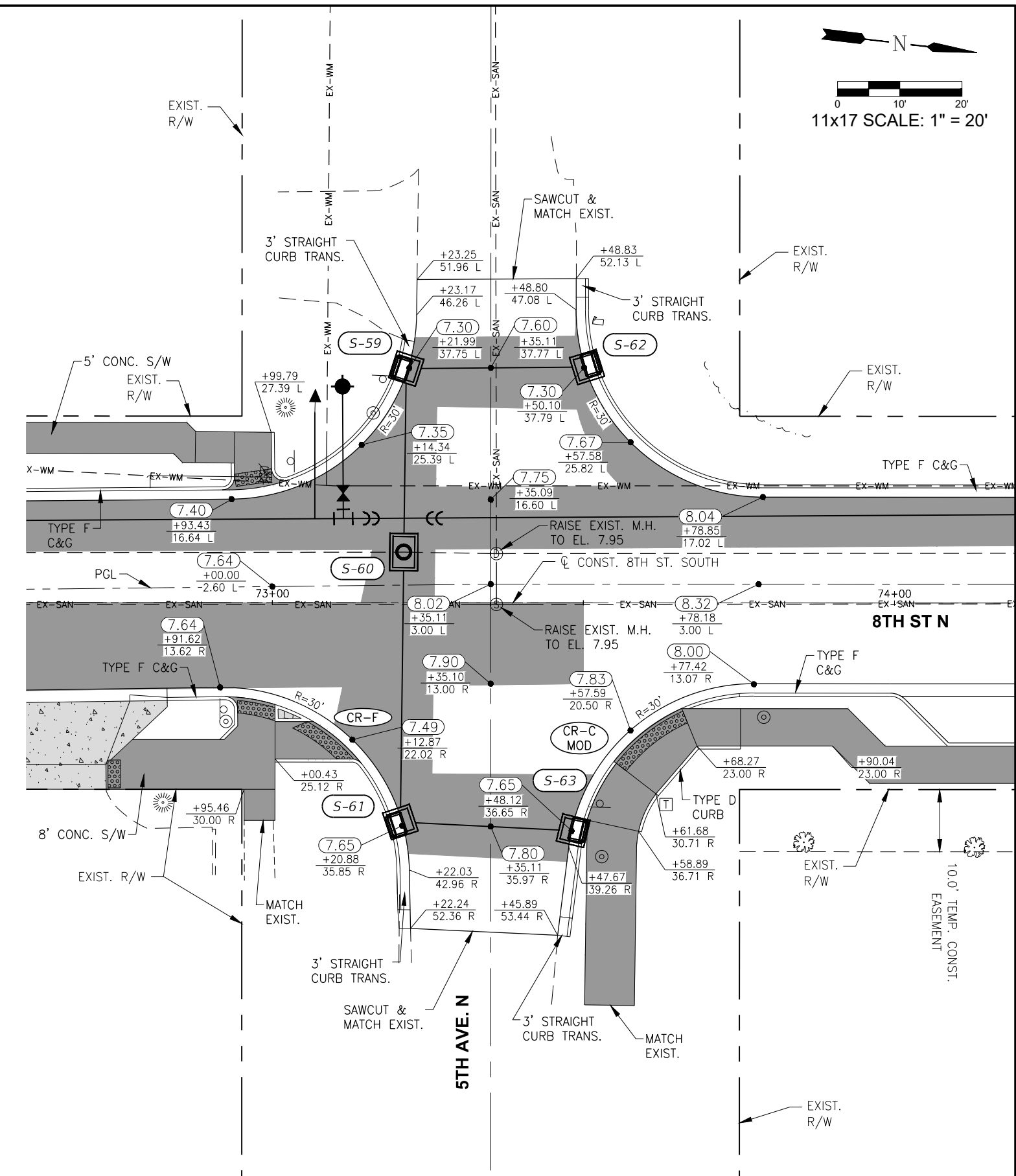
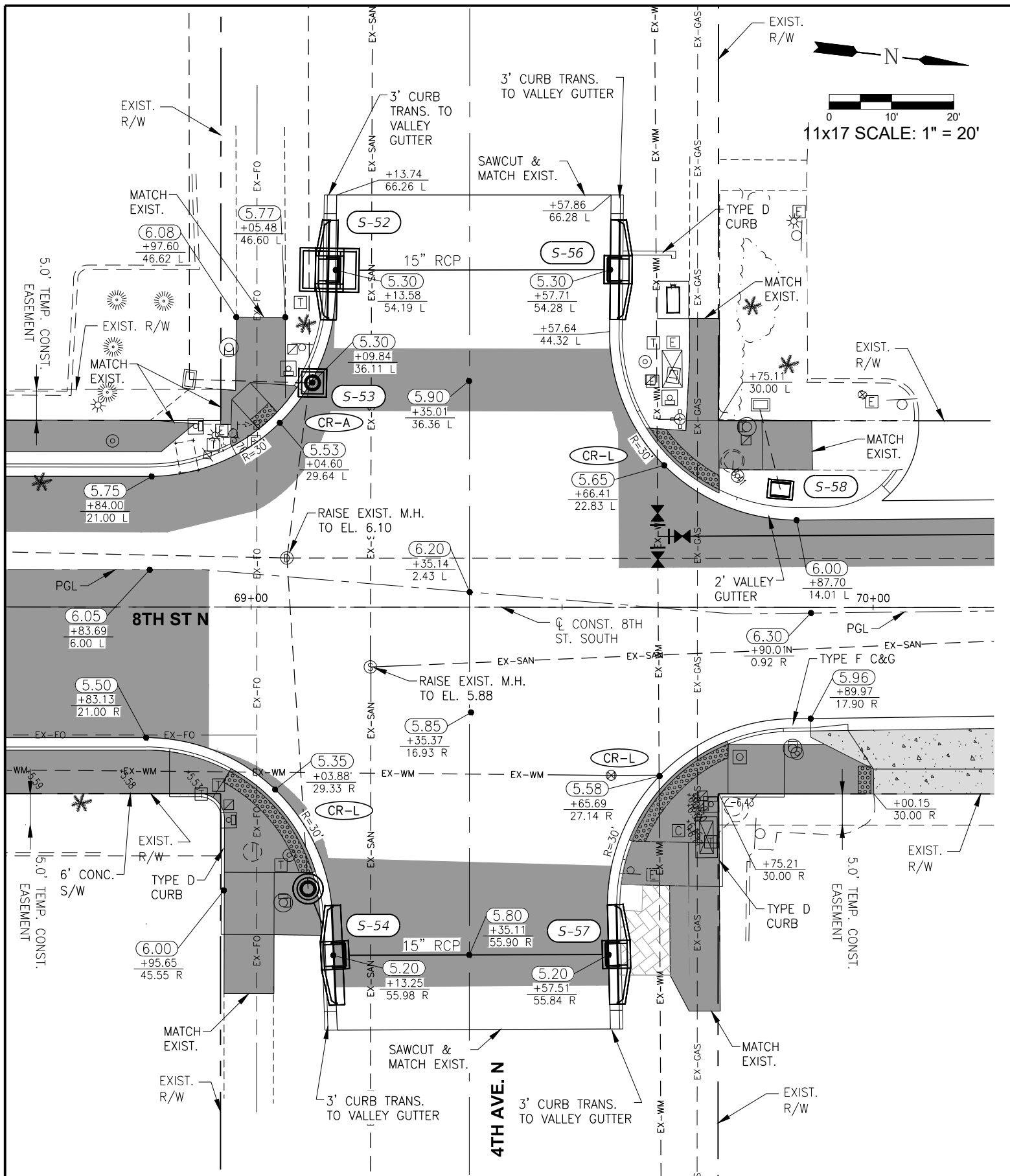
8th Street Improvements

INTERSECTION GRADING DETAILS - 3

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY: CITY OF NAPLES
 SEC./TWN./RQB: 34/49S & 3/50S/25E
 DATE: DECEMBER, 2018
 SUBMITTAL TYPE: 100% SUBMITTAL
 SHBET 106 OF 182

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205



LEGEND

	PROPOSED FULL DEPTH RECONSTRUCTION
	PROPOSED PAVER RECONSTRUCTION
	PROPOSED 6" CONCRETE
	PROPOSED 4" CONCRETE SIDEWALK

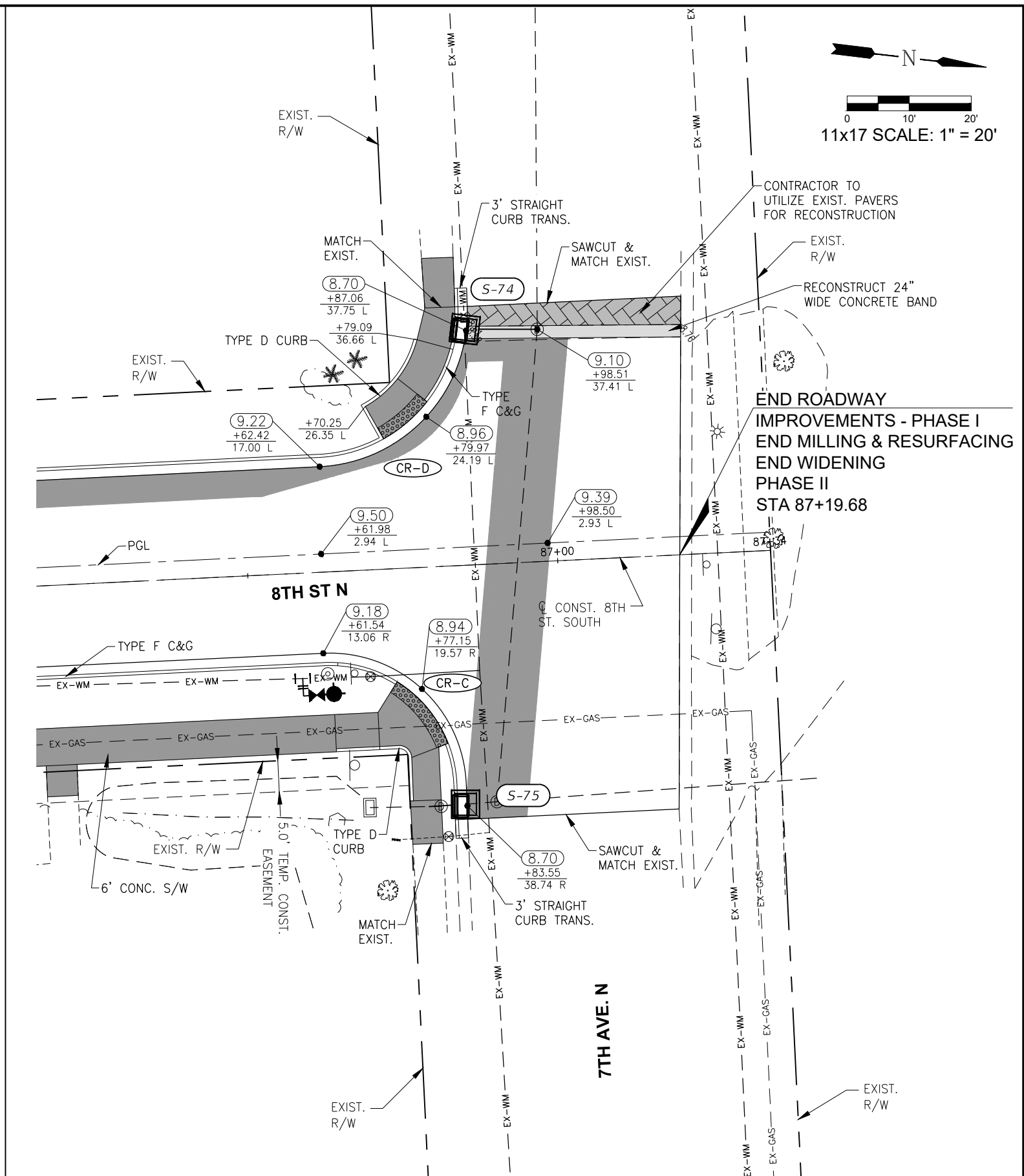
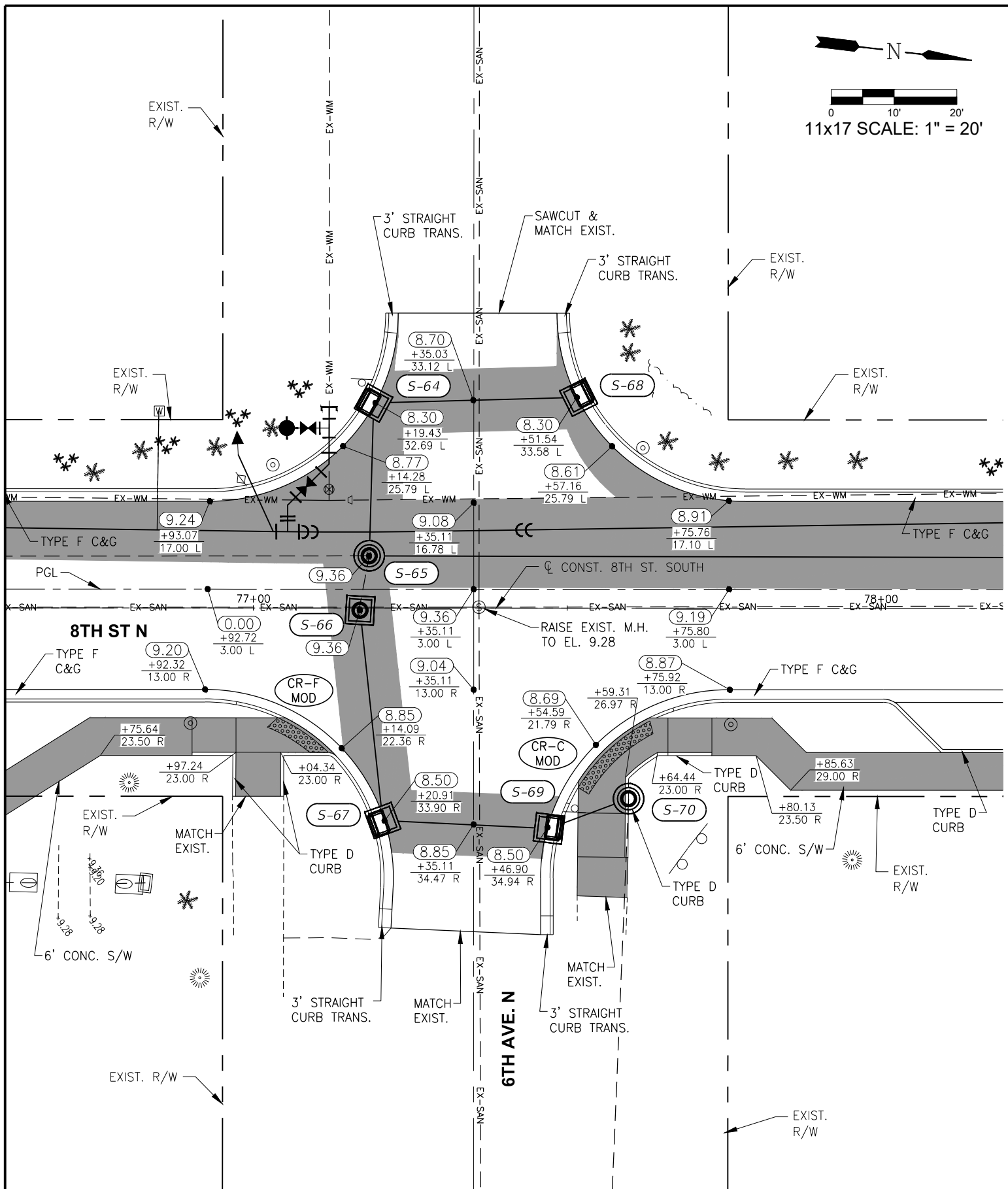
Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE:	11x17

GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements
 INTERSECTION GRADING DETAILS - 4
 ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/RGB: 34/49S & 3/50S/25E
 DATE: DECEMBER, 2018
 SUBMITTAL TYPE: 100% SUBMITTAL
 SHBET 107 OF 182
 R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205



LEGEND	
	PROPOSED FULL DEPTH RECONSTRUCTION
	PROPOSED PAVER RECONSTRUCTION
	PROPOSED 6" CONCRETE
	PROPOSED 4" CONCRETE SIDEWALK

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE:	11x17 1" = 20'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

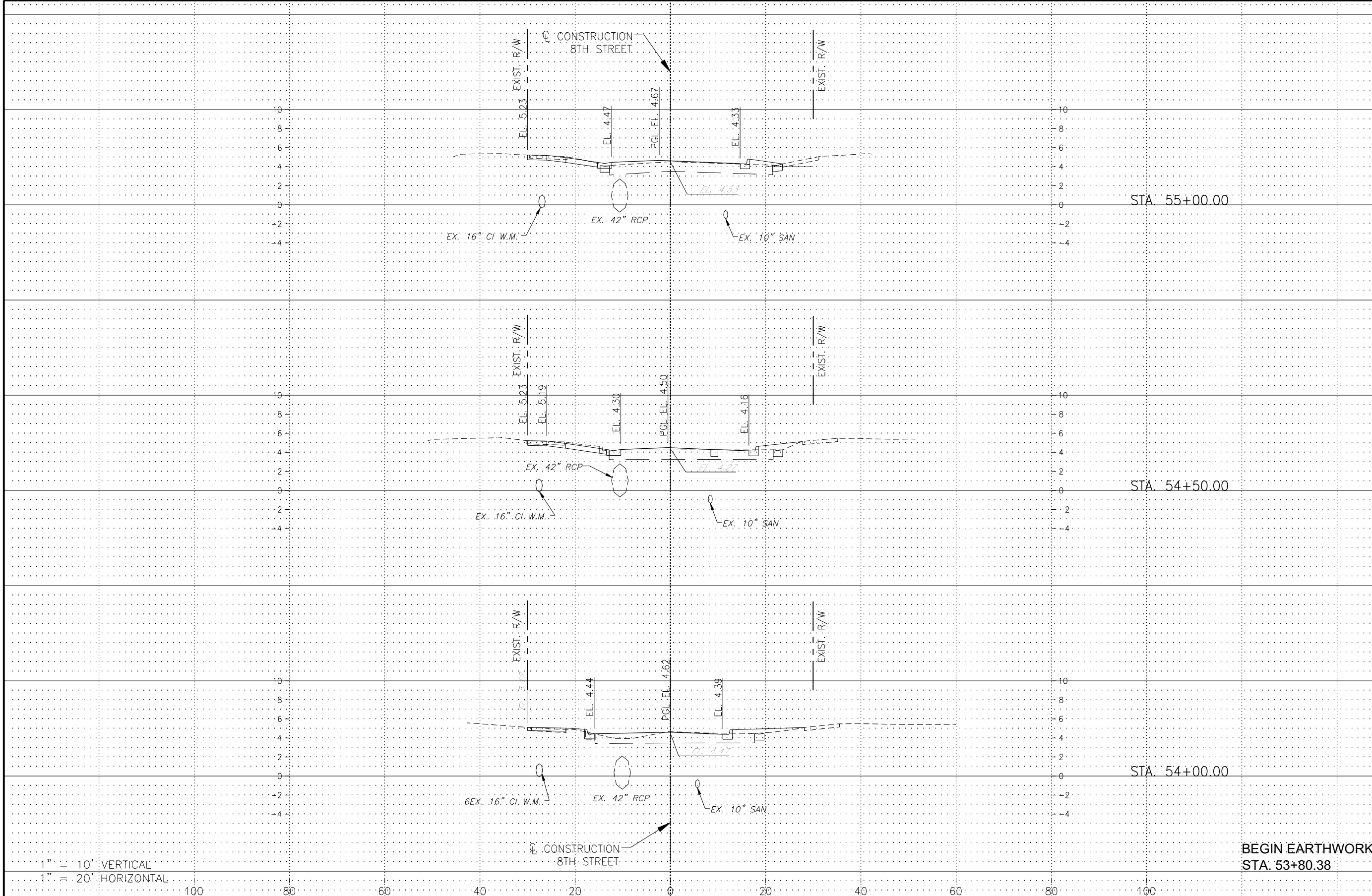
INTERSECTION GRADING DETAILS - 5

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:	CITY OF NAPLES
SEC./TWN./RGE:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% SUBMITTAL
SHEET NO. OF TOTAL SHEETS:	108 OF 182

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%CAD007-INTERSECTION 1/4/2019 3:56 PM

REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY



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

BEGIN EARTHWORK
 STA. 53+80.38

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: VERT. 1" = 10'
 HORI. 1" = 20'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Business LG 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8TH STREET IMPROVEMENTS

CROSS SECTIONS (13)
 8TH STREET

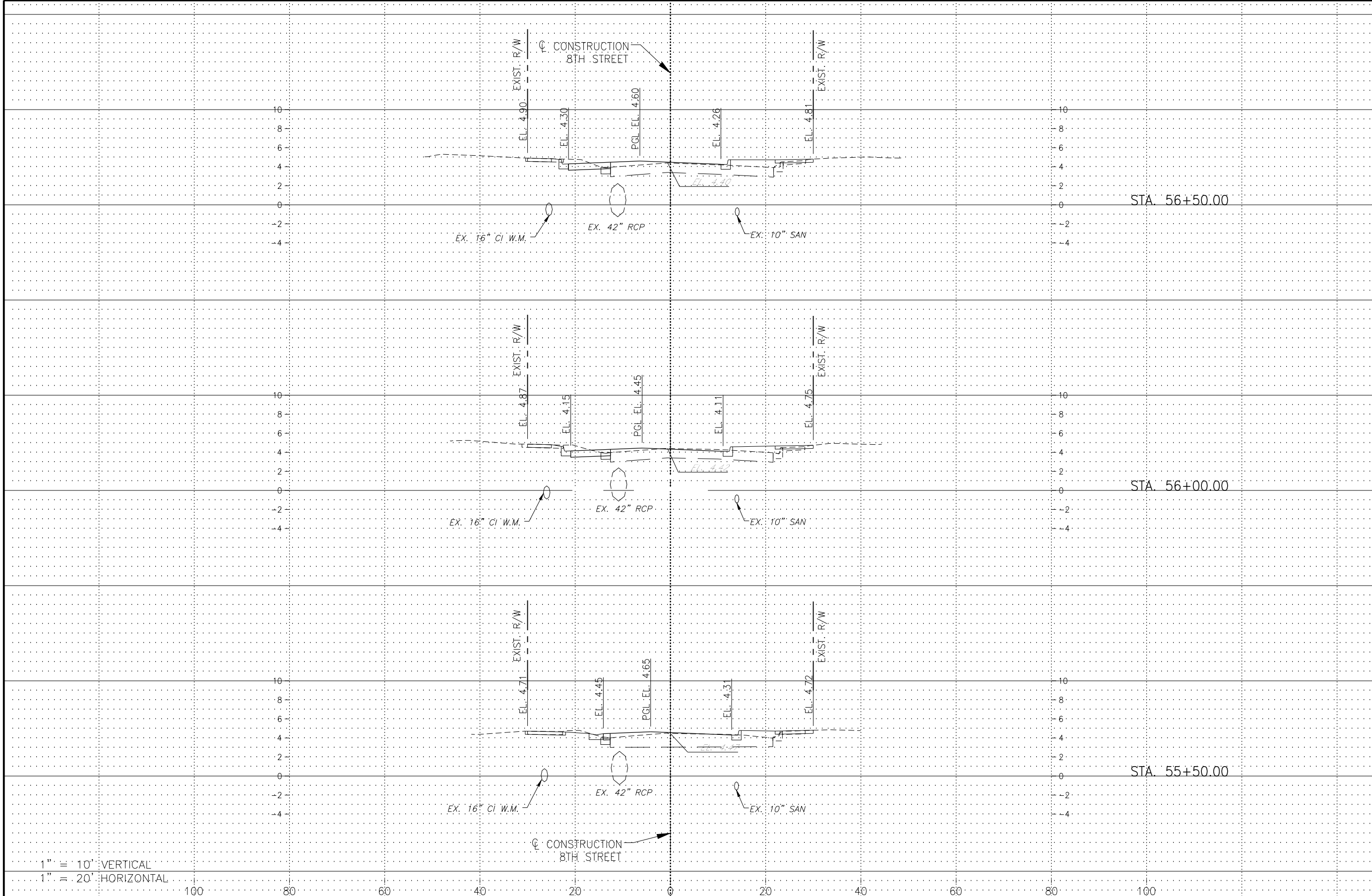
ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/ROB: 34/49S & 3/50S/25E
 DATE: AUGUST 2018
 SUBMITTAL TYPE: 60%
 SHEET 66 OF 90

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%CN007-SEC 1/4/2019 4:00 PM

REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY



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

LEGEND

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: VERT. 1" = 10'
 HORI. 1" = 20'



Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8TH STREET IMPROVEMENTS

CROSS SECTIONS (14)
8TH STREET

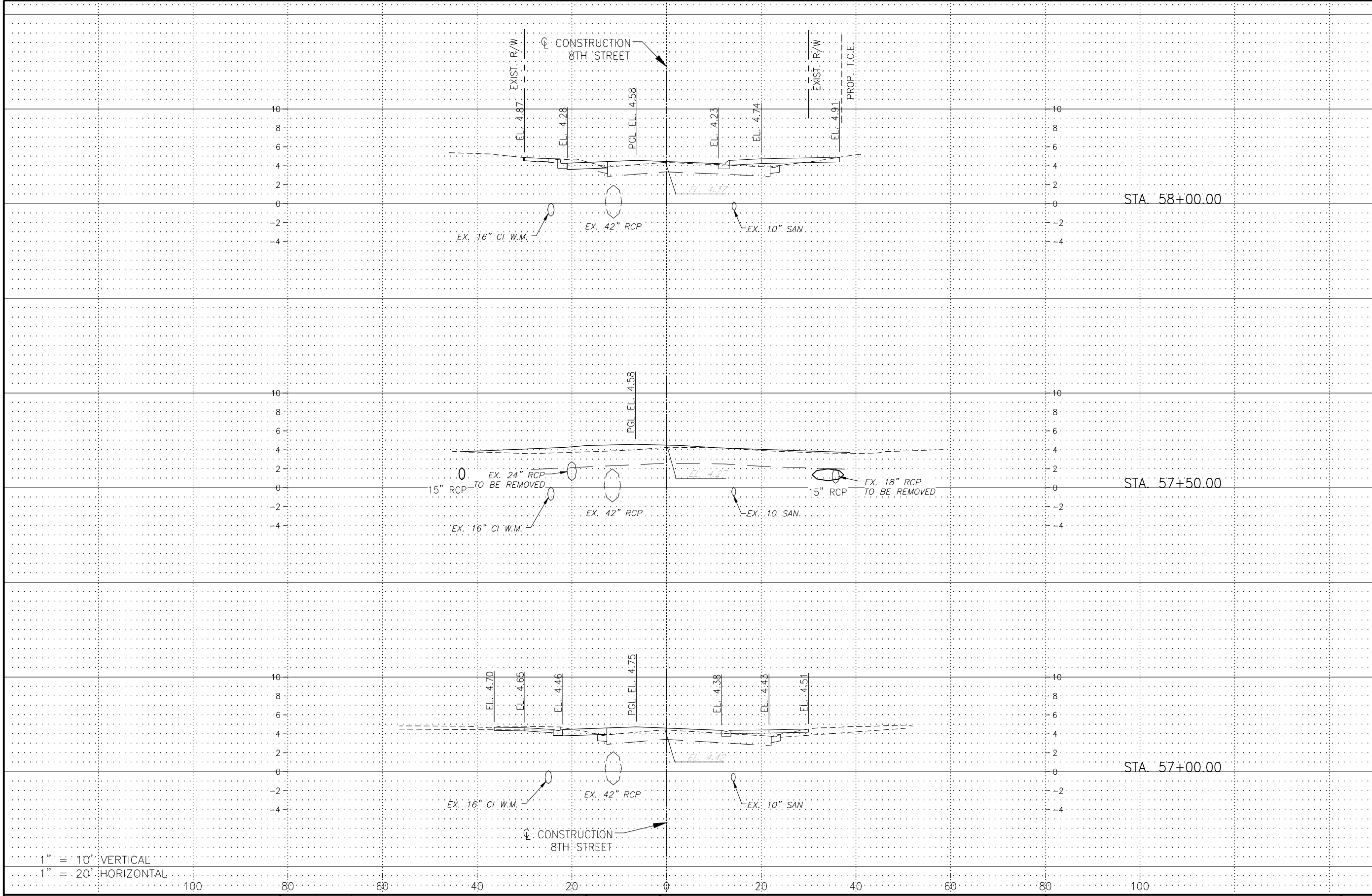
ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/ROB: 34/49S & 3/50S/25E
 DATE: AUGUST 2018
 SUBMITTAL TYPE: 60%
 SHEET 67 OF 90

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\60%\CN007-SEC 1/4/2019 4:01 PM

REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY



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

LEGEND

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: VERT. 1" = 10'
 HORI. 1" = 20'



GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8TH STREET IMPROVEMENTS

**CROSS SECTIONS (15)
 8TH STREET**

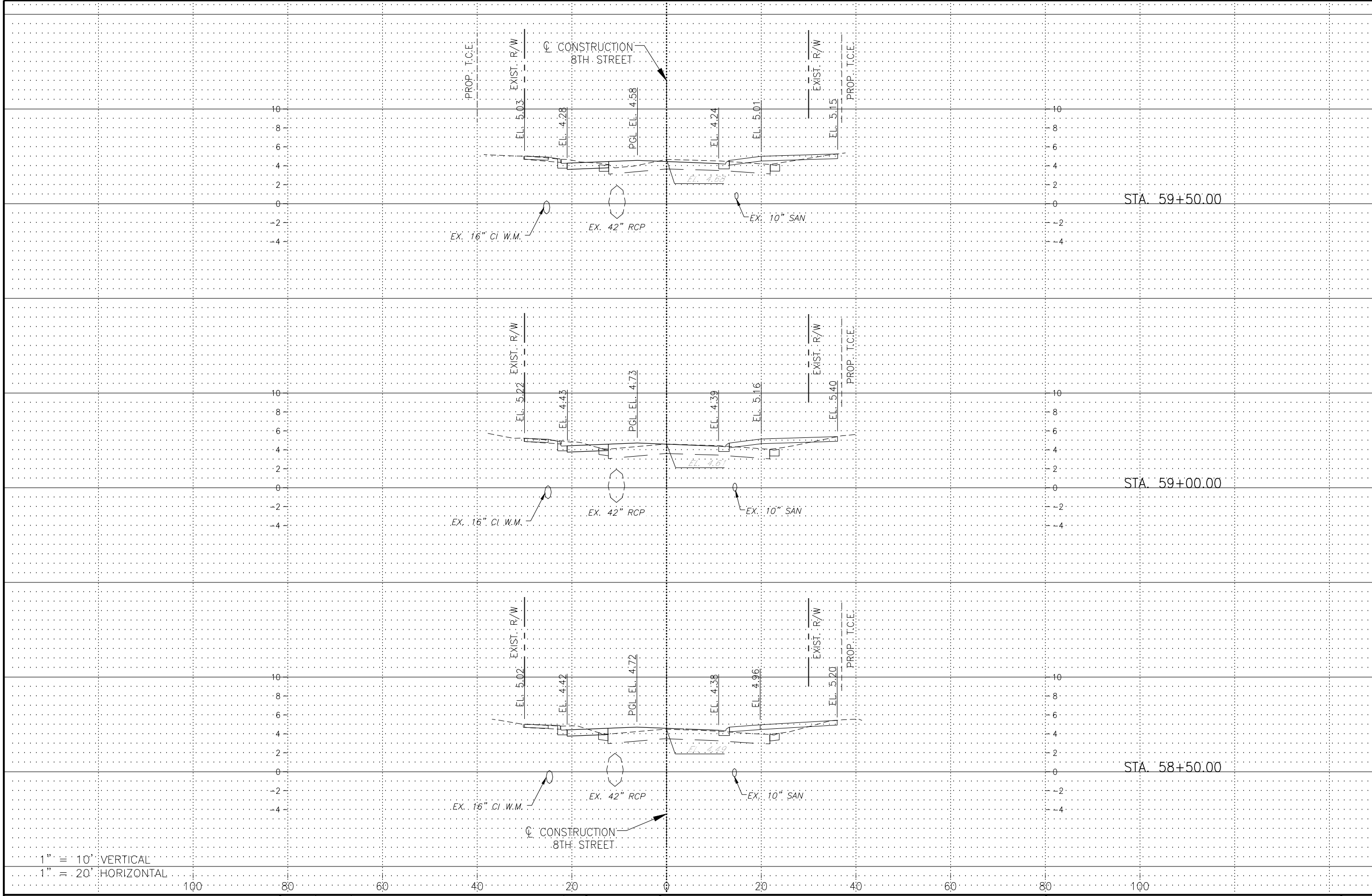
ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/RGB: 34/49S & 3/50S/25E
 DATE: AUGUST 2018
 SUBMITTAL TYPE: 60%
 SHEET 68 OF 90

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%CN007-SEC 1/4/2019 4:01 PM

REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY



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

LEGEND

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: VERT. 1" = 10'
 HORI. 1" = 20'



GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8TH STREET IMPROVEMENTS

**CROSS SECTIONS (16)
 8TH STREET**

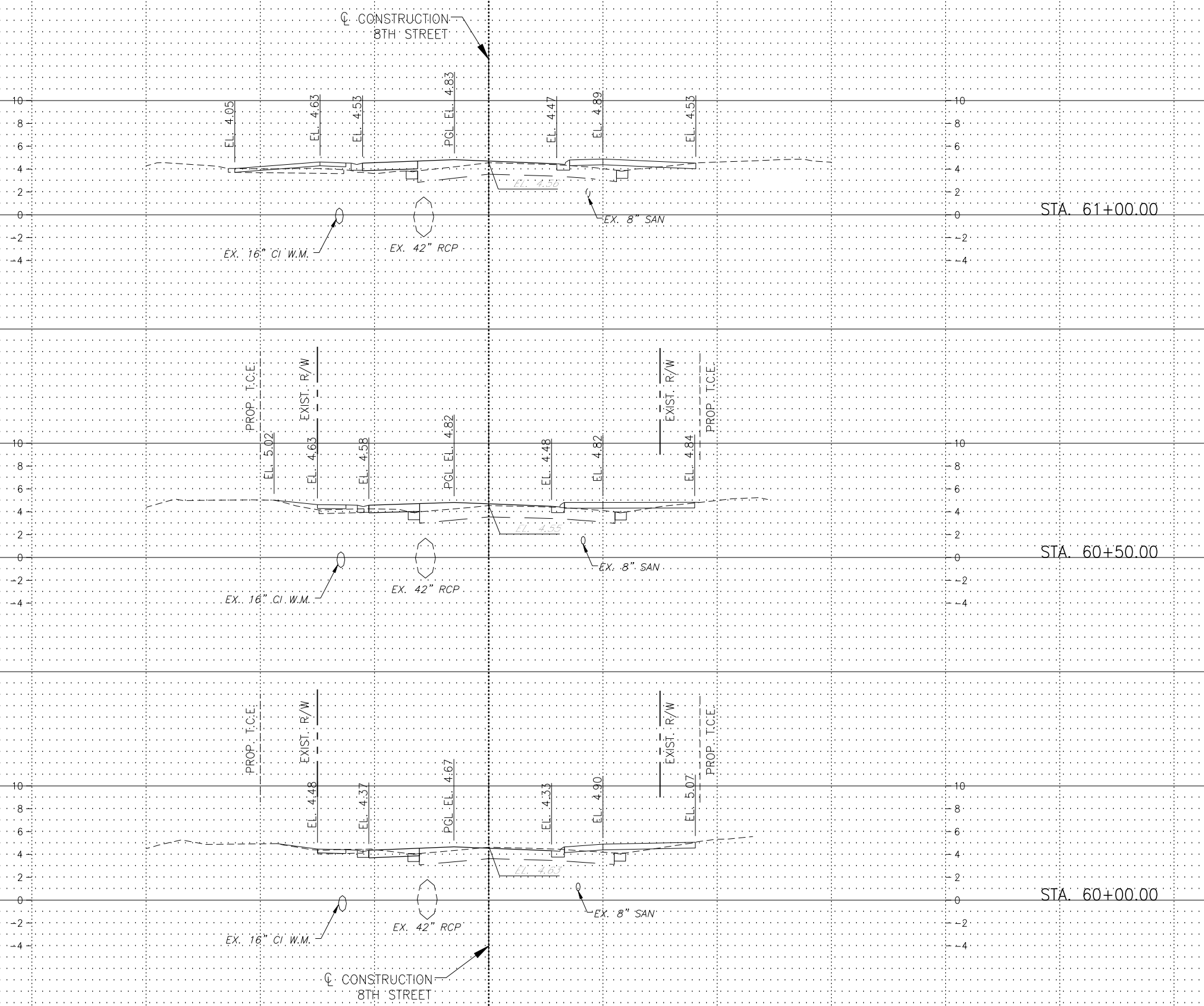
ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/RGB: 34/49S & 3/50S/25E
 DATE: AUGUST 2018
 SUBMITTAL TYPE: 60%
 SHEET 69 OF 90

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTAL\TYPE 90% \CN007-SEC 1/4/2019 4:02 PM

REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY



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

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: VERT. 1" = 10'
 HORI. 1" = 20'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8TH STREET IMPROVEMENTS

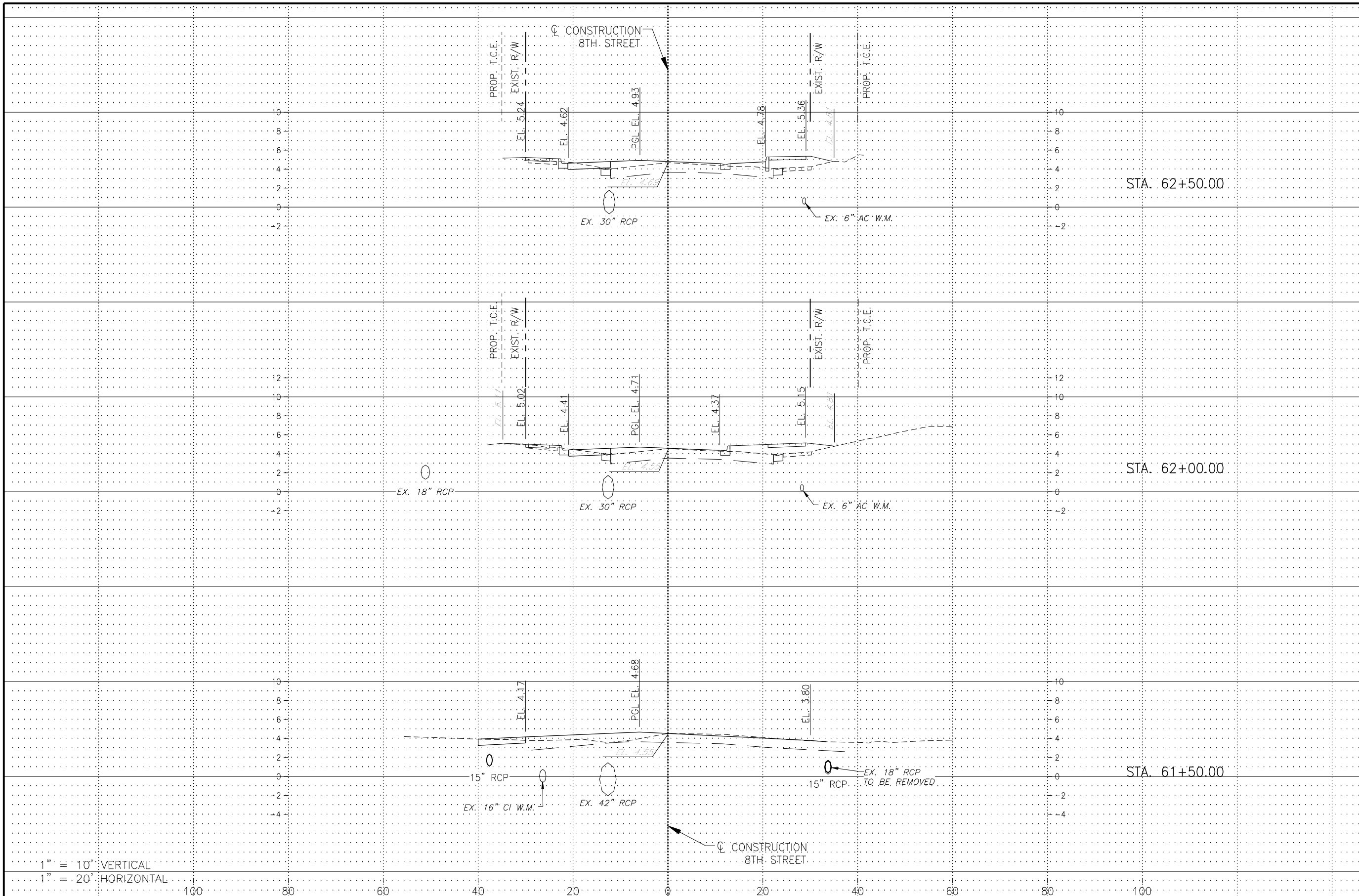
CROSS SECTIONS (17)
 8TH STREET

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/RGB: 34/49S & 3/50S/25E
 DATE: AUGUST 2018
 SUBMITTAL TYPE: 60%
 SHEET 70 OF 90

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

C:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%CN007-SEC 1/4/2019 4:02 PM



REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY

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

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 10'	
HORI. 1" = 20'	

GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Business LG 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

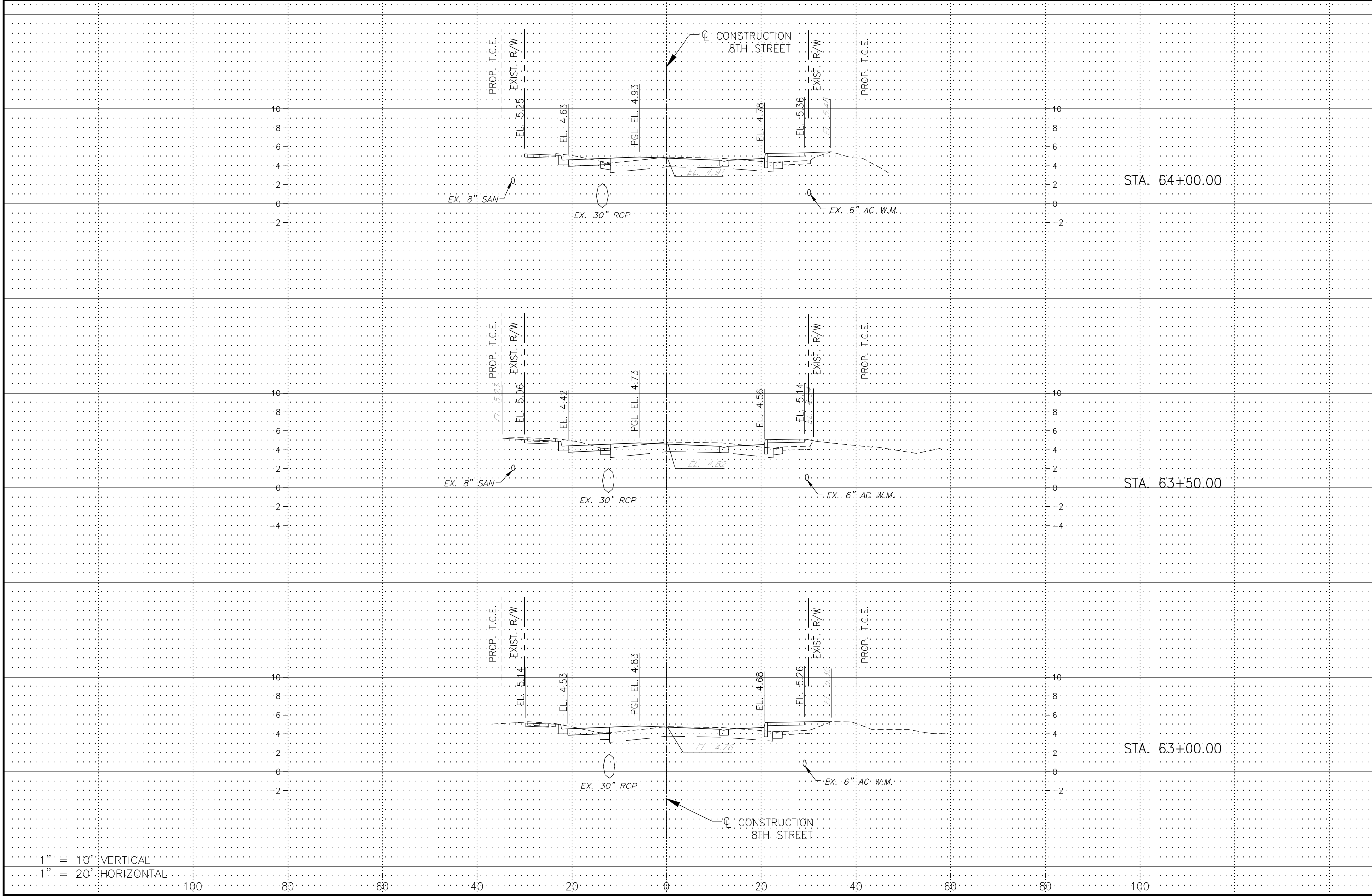
8TH STREET IMPROVEMENTS
 CROSS SECTIONS (18)
 8TH STREET
 ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:
 CITY OF NAPLES
 SEC/TWN/RGB:
 34/49S & 3/50S/25E
 DATE:
 AUGUST 2018
 SUBMITTAL TYPE:
 60%
 SHEET 71 OF 90

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTAL\TYPE 90% \CN007-SEC 1/4/2019 4:02 PM

REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY



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

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 10'	
HORI. 1" = 20'	

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8TH STREET IMPROVEMENTS

CROSS SECTIONS (19)
 8TH STREET

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:
 CITY OF NAPLES

SEC./TWN./RGE:
 34/49S & 3/50S/25E

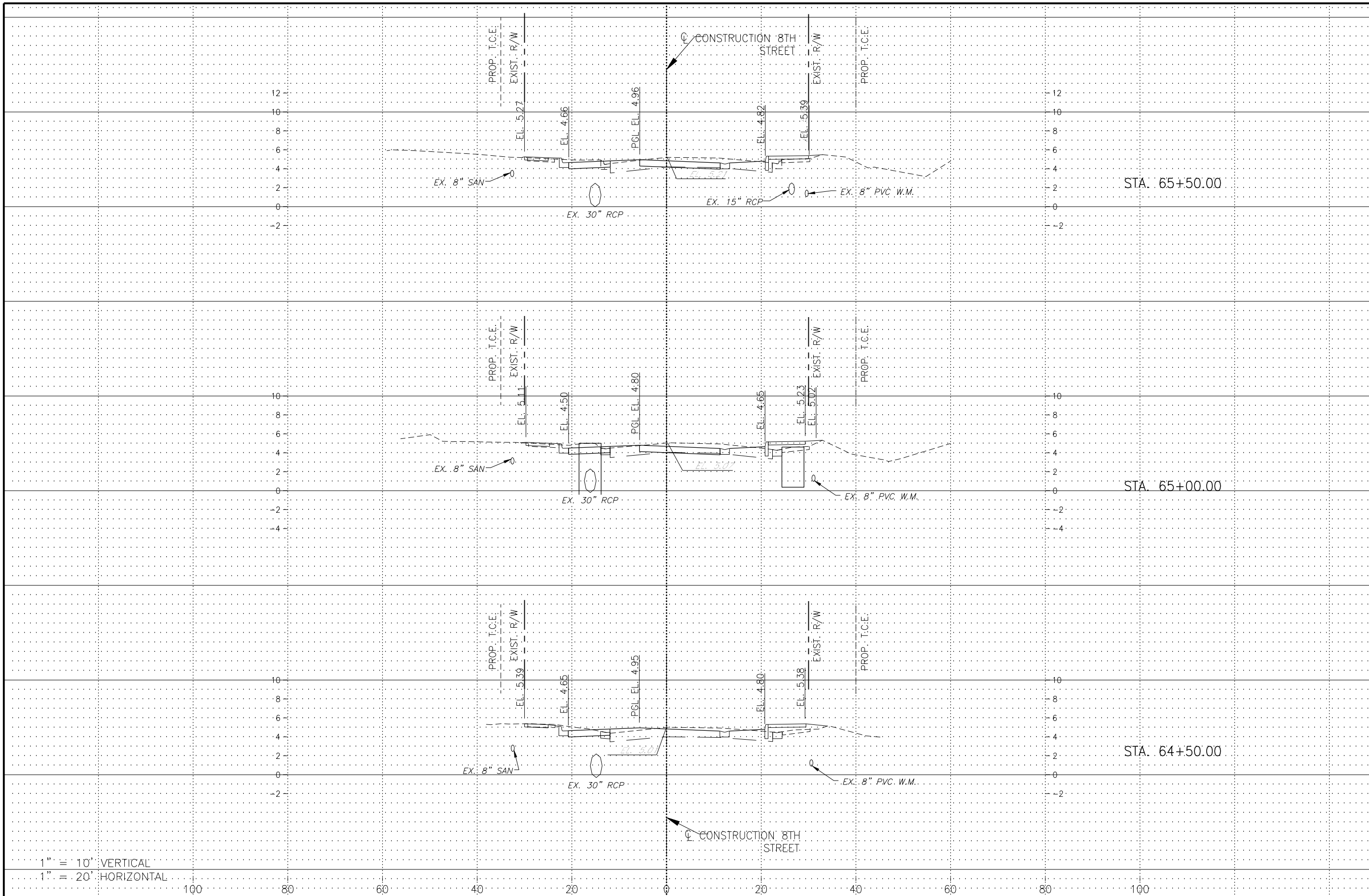
DATE:
 AUGUST 2018

SUBMITTAL TYPE:
 60%

SHEET 72 OF 90

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTAL\TYPE 90% \CN007-SEC 1/4/2019 4:03 PM



REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY

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

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 10'	
HORI. 1" = 20'	

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8TH STREET IMPROVEMENTS

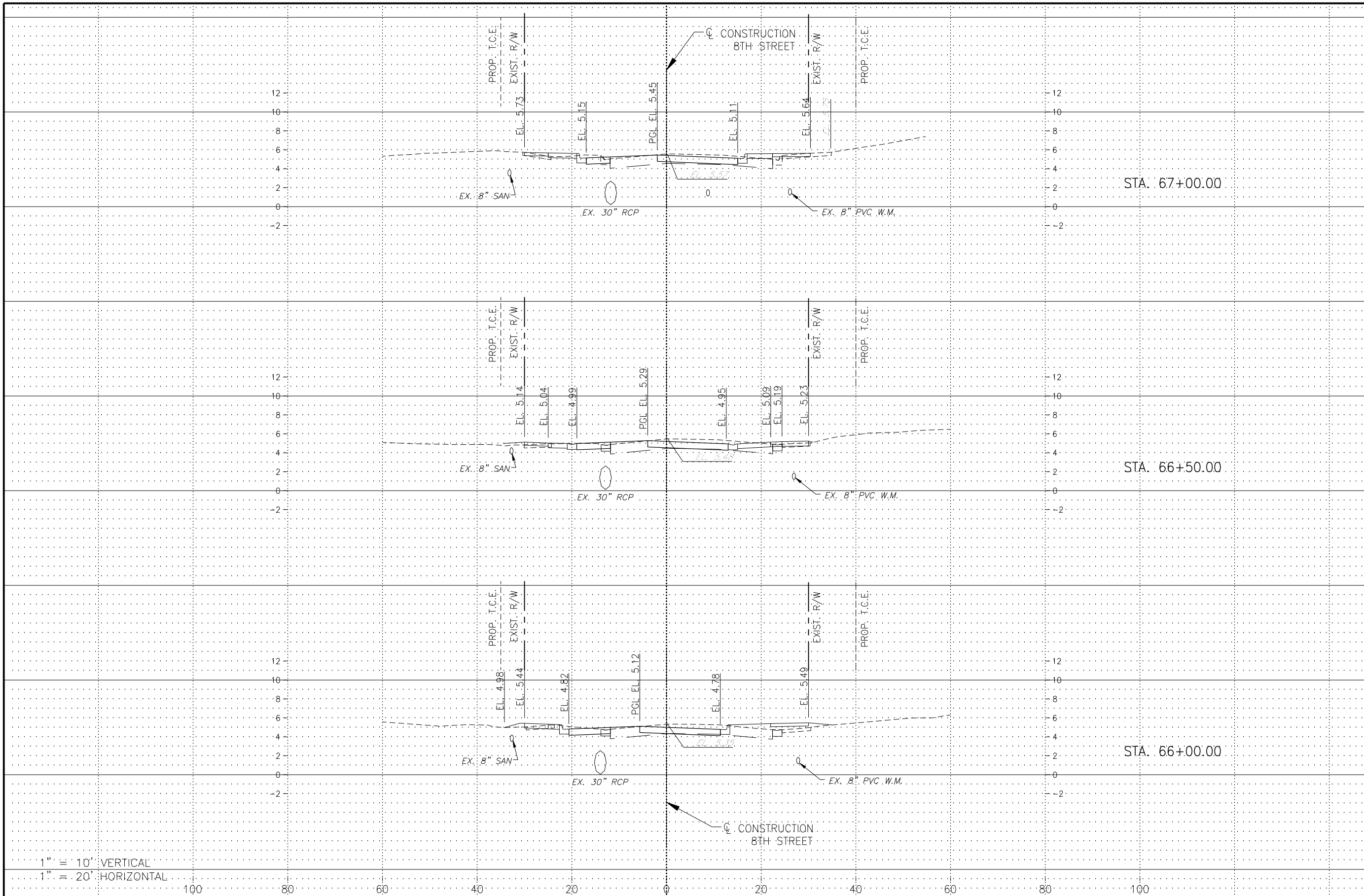
CROSS SECTIONS (20)
 8TH STREET

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:
 CITY OF NAPLES
 SEC./TWN./RQB:
 34/49S & 3/50S/25E
 DATE:
 AUGUST 2018
 SUBMITTAL TYPE:
 60%
 SHEET 73 OF 90

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%CN007-SEC 1/4/2019 4:03 PM



REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY

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

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: VERT. 1" = 10'
 HORI. 1" = 20'

GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Business LG 26000266

8TH STREET IMPROVEMENTS

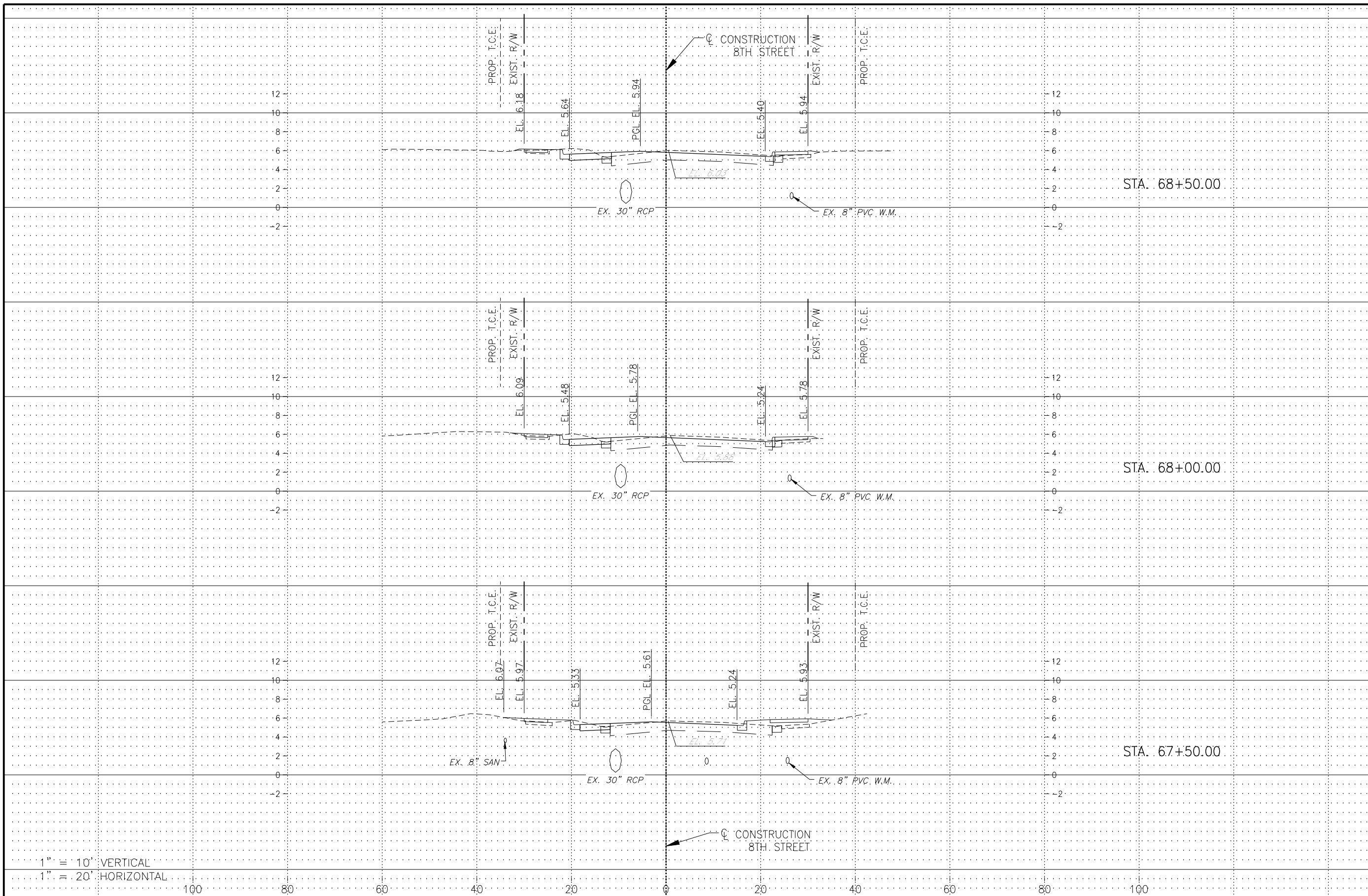
CROSS SECTIONS (21)
 8TH STREET

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/RGB: 34/49S & 3/50S/25E
 DATE: AUGUST 2018
 SUBMITTAL TYPE: 60%
 SHEET 74 OF 90

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTAL\TYPE 90% \CN007-SEC 1/4/2019 4:04 PM



REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY

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

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 10'	
HORI. 1" = 20'	

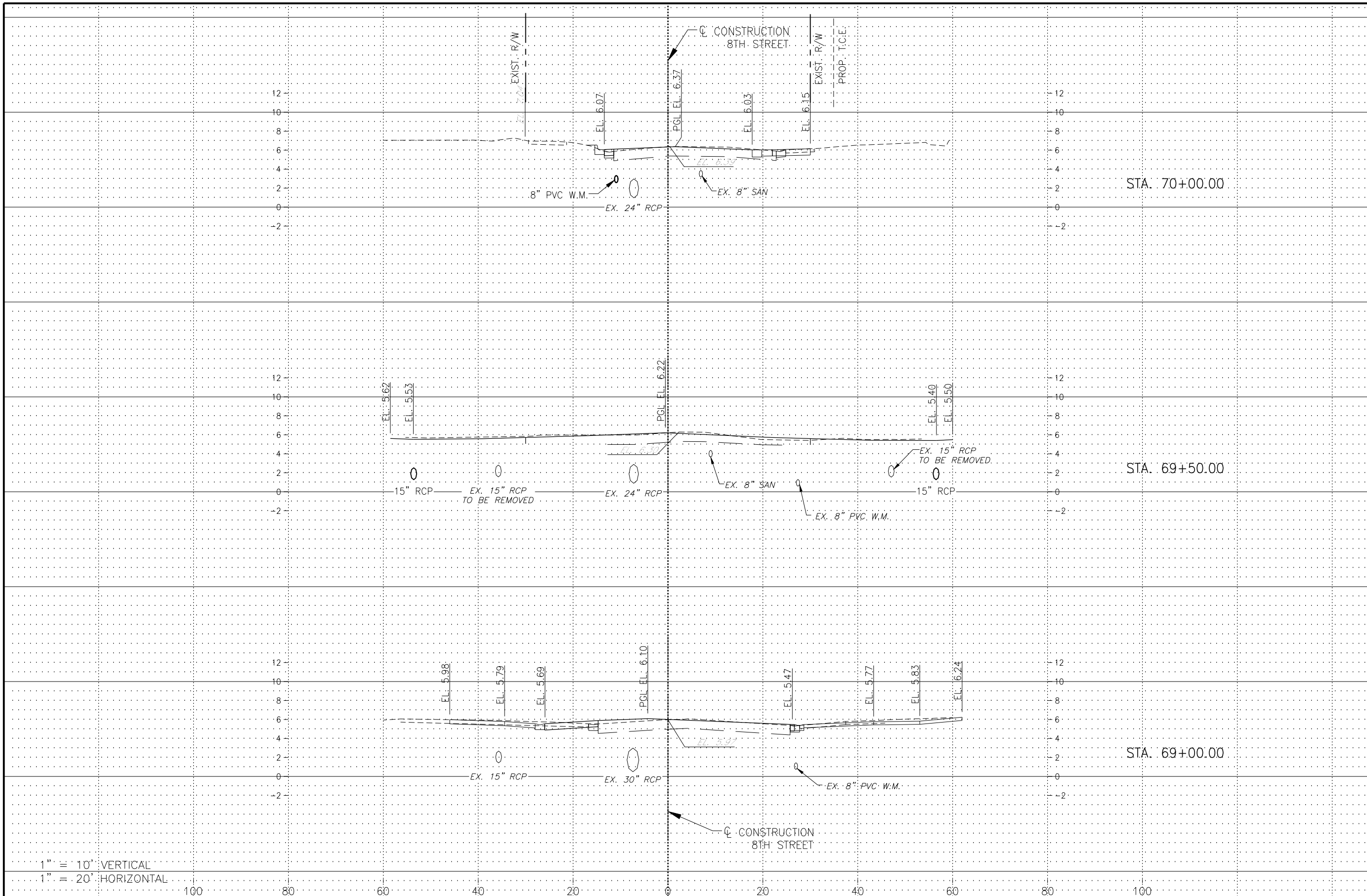
GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8TH STREET IMPROVEMENTS
 CROSS SECTIONS (22)
 8TH STREET
 ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:
 CITY OF NAPLES
 SEC./TWN./RGE:
 34/49S & 3/50S/25E
 DATE:
 AUGUST 2018
 SUBMITTAL TYPE:
 60%
 SHEET 75 OF 90

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

C:\ENGINEERING\PROJ-ENG\CN007\GTDWG\SUBMITTYPE\90%CN007-SEC 1/4/2019 4:04 PM



REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY

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

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 10'	
HORI. 1" = 20'	

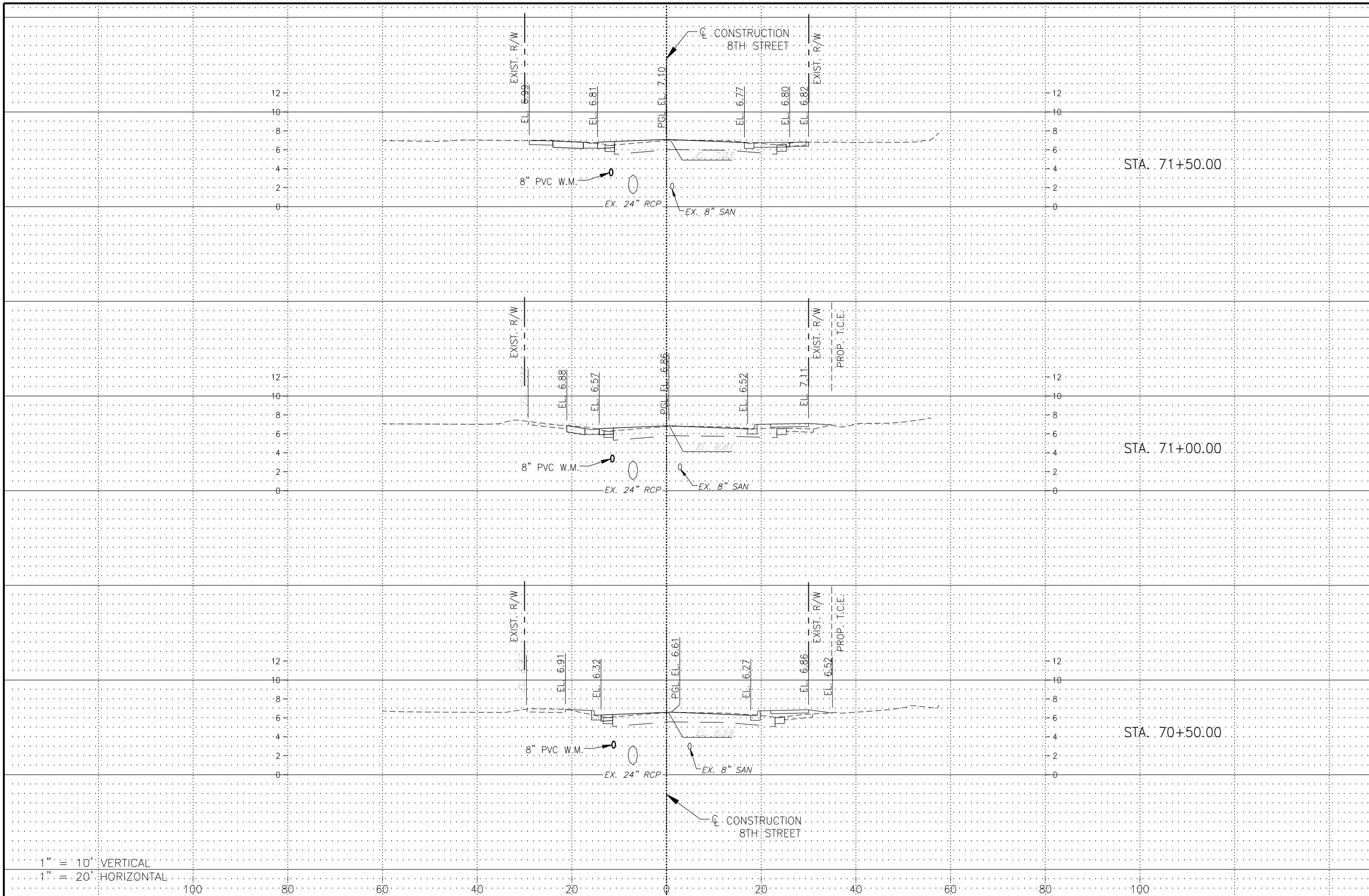
GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8TH STREET IMPROVEMENTS
 CROSS SECTIONS (23)
 8TH STREET
 ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:
 CITY OF NAPLES
 SEC./TWN./RGE:
 34/49S & 3/50S/25E
 DATE:
 AUGUST 2018
 SUBMITTAL TYPE:
 60%
 SHEET 76 OF 90

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%CN007-SEC 1/4/2019 4:04 PM



REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY

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

100 80 60 40 20 0 20 40 60 80 100

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE: VERT. 1" = 10'	
HORI. 1" = 20'	

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8TH STREET IMPROVEMENTS

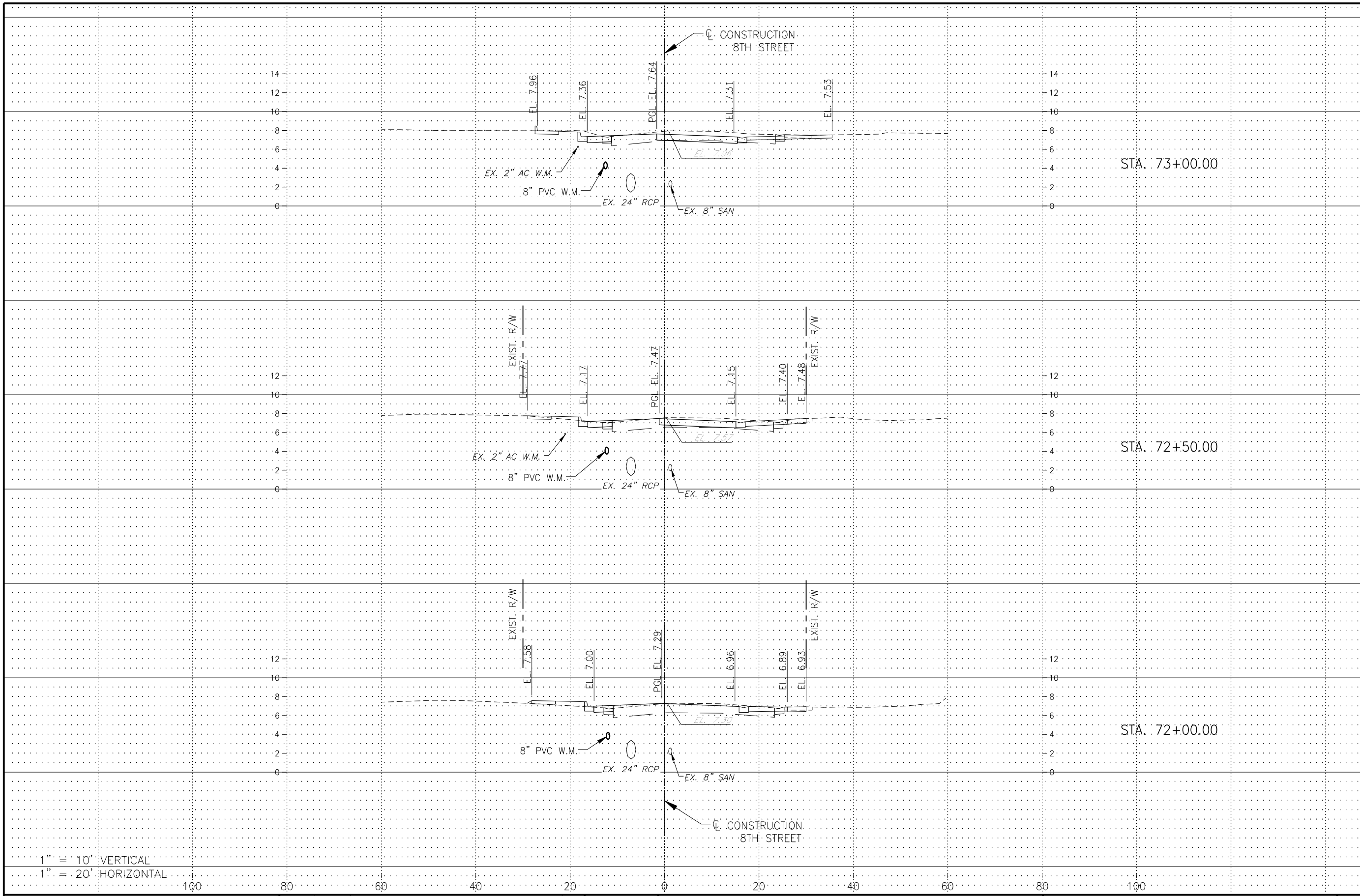
**CROSS SECTIONS (24)
 8TH STREET**

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGB:	34/49S & 3/50S/25E
DATE:	AUGUST 2018
SUBMITTAL TYPE:	60%
SHEET	77 OF 90

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\CN007\GDWGS\SUBMITTYPE\90%CN007-SEC 1/4/2019 4:05 PM



REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY

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

LEGEND

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: VERT. 1" = 10'
 HORI. 1" = 20'



Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8TH STREET IMPROVEMENTS

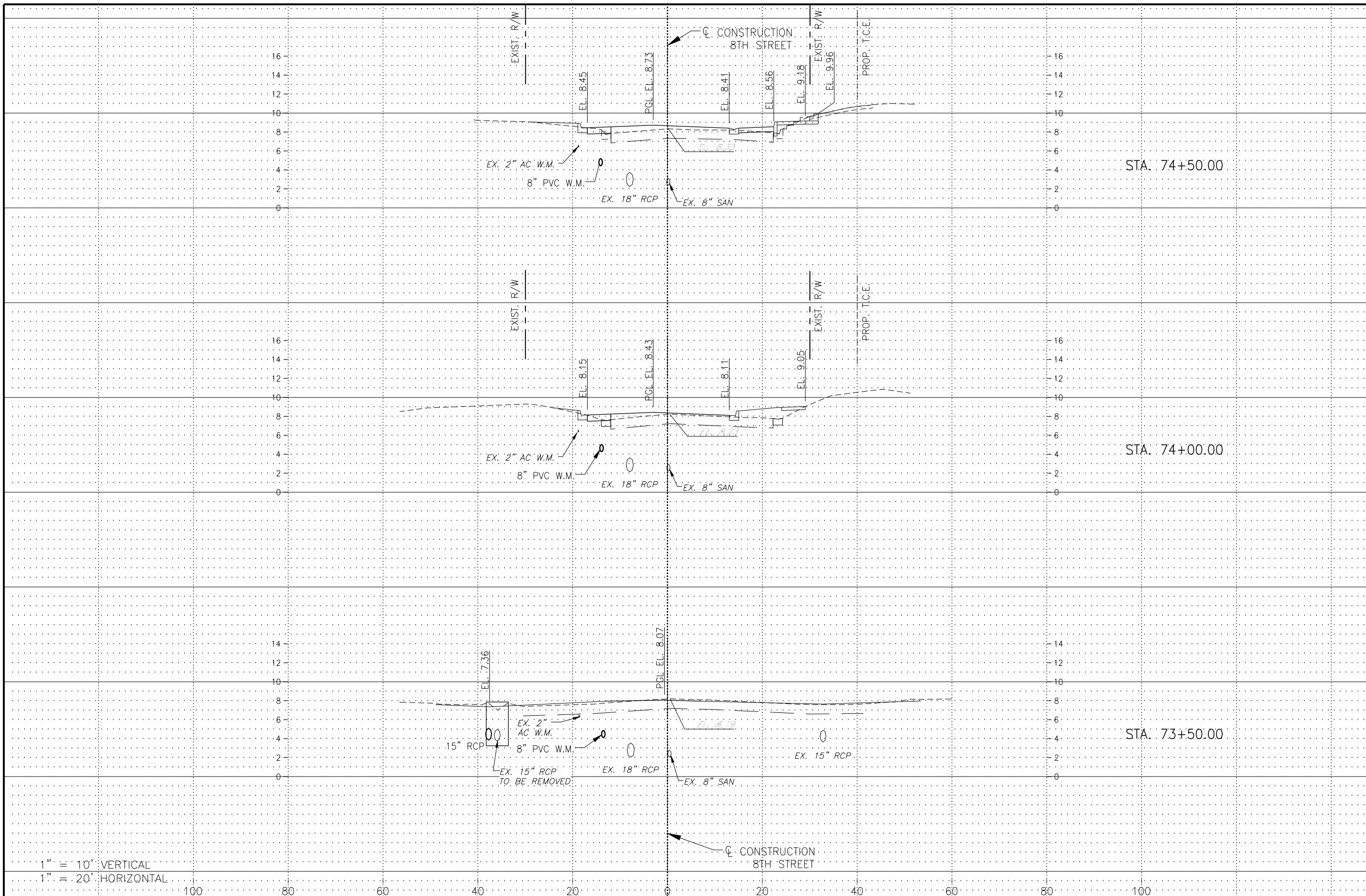
**CROSS SECTIONS (25)
 8TH STREET**

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/RGB: 34/49S & 3/50S/25E
 DATE: AUGUST 2018
 SUBMITTAL TYPE: 60%
 SHEET 78 OF 90

G:\ENGINEERING\PROJ-ENG\CN007\GDWGS\SUBMITTYPE\90%CN007-SEC 1/4/2019 4:05 PM



REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY

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

LEGEND

Revision	Date	Description	By

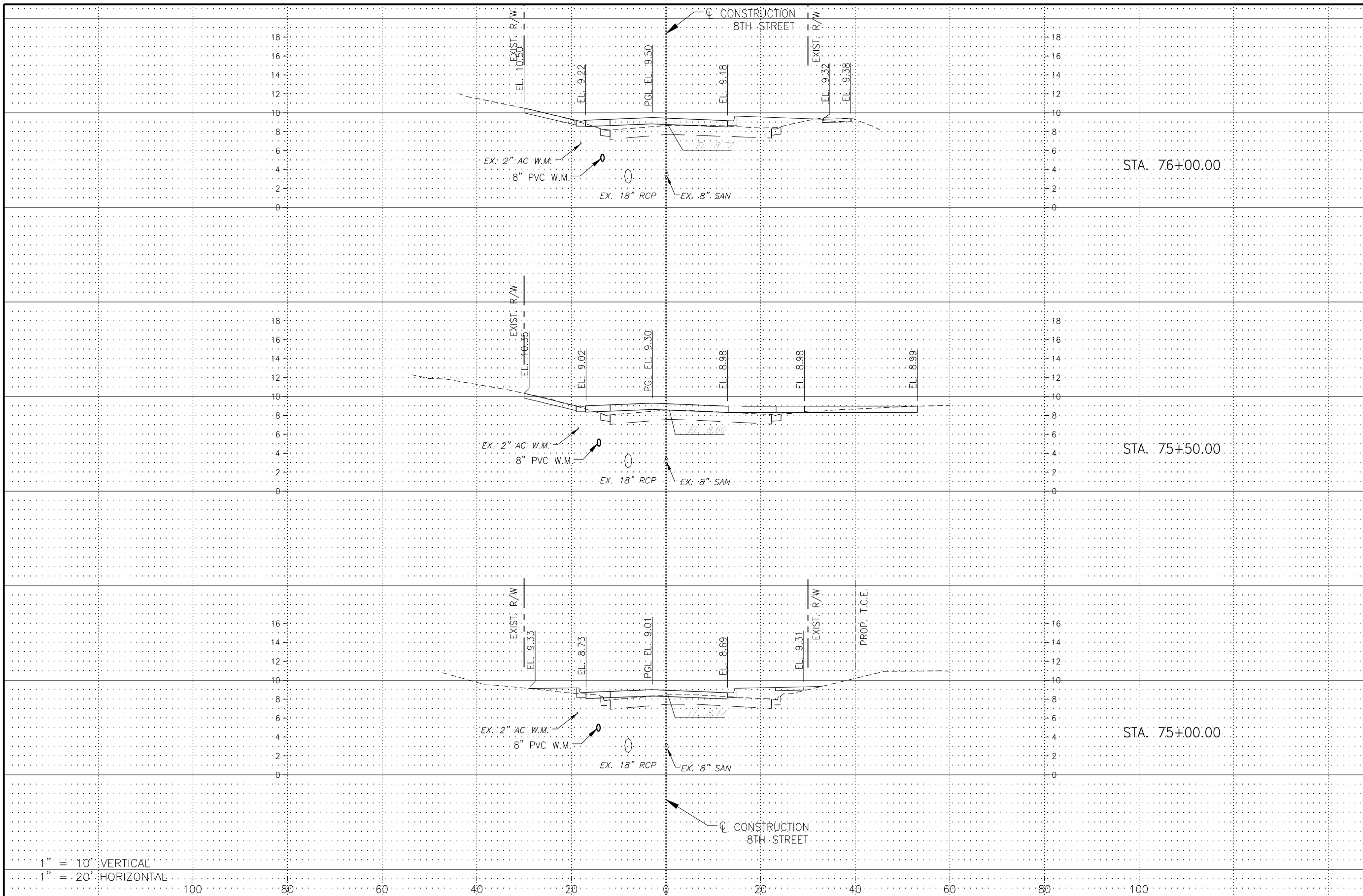
DESIGNED BY: R.D.F.
DRAWN BY: D.M.S.
APPROVED: R.D.F.
JOB CODE: CN007
SCALE: VERT. 1" = 10'
HORI. 1" = 20'

GradyMinor
Q. Grady Minor and Associates, P.A.
3800 Via Del Rey
Bonita Springs, Florida 34134
Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8TH STREET IMPROVEMENTS
CROSS SECTIONS (26)
8TH STREET
ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270
R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY: CITY OF NAPLES
SEC/TWN/RGB: 34/49S & 3/50S/25E
DATE: AUGUST 2018
SUBMITTAL TYPE: 60%
SHEET 79 OF 90

C:\ENGINEERING\PROJ-ENG\CN007\GDWGS\SUBMITTYPE\90%_CN007-SEC 1/4/2019 4:06 PM



REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY

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

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: VERT. 1" = 10'
 HORI. 1" = 20'

GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Business LG 26000266

8TH STREET IMPROVEMENTS

CROSS SECTIONS (27)
 8TH STREET

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:
 CITY OF NAPLES

SEC./TWN./RGE:
 34/49S & 3/50S/25E

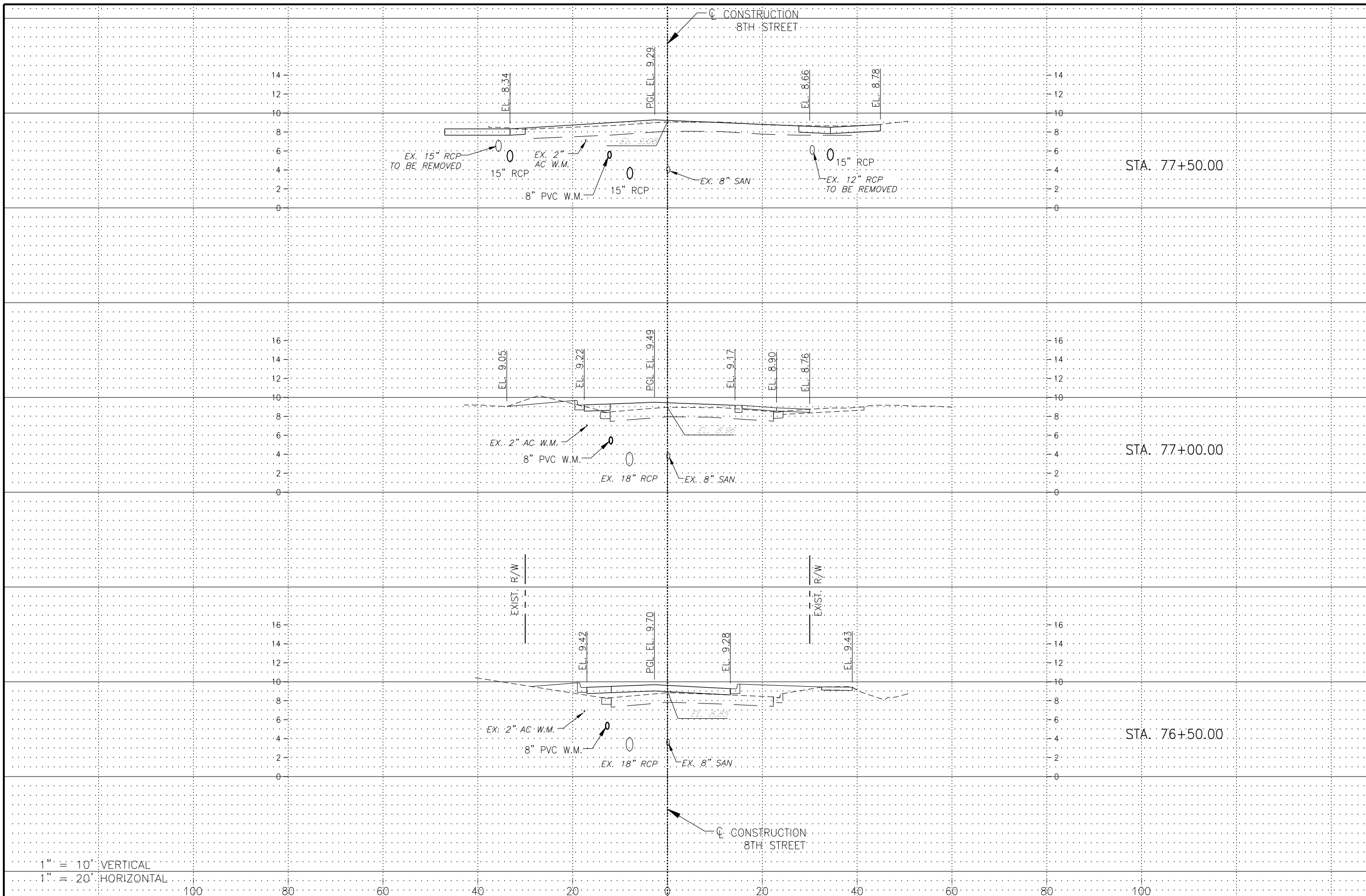
DATE:
 AUGUST 2018

SUBMITTAL TYPE:
 60%

SHEET 80 OF 90

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

C:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%CN007-SEC 1/4/2019 4:06 PM



REGULAR EXC.		EMBANKMENT	
AREA	VOL.	AREA	VOL.
SF	CY	SF	CY

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

LEGEND

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: VERT. 1" = 10'
 HORI. 1" = 20'



GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

8TH STREET IMPROVEMENTS

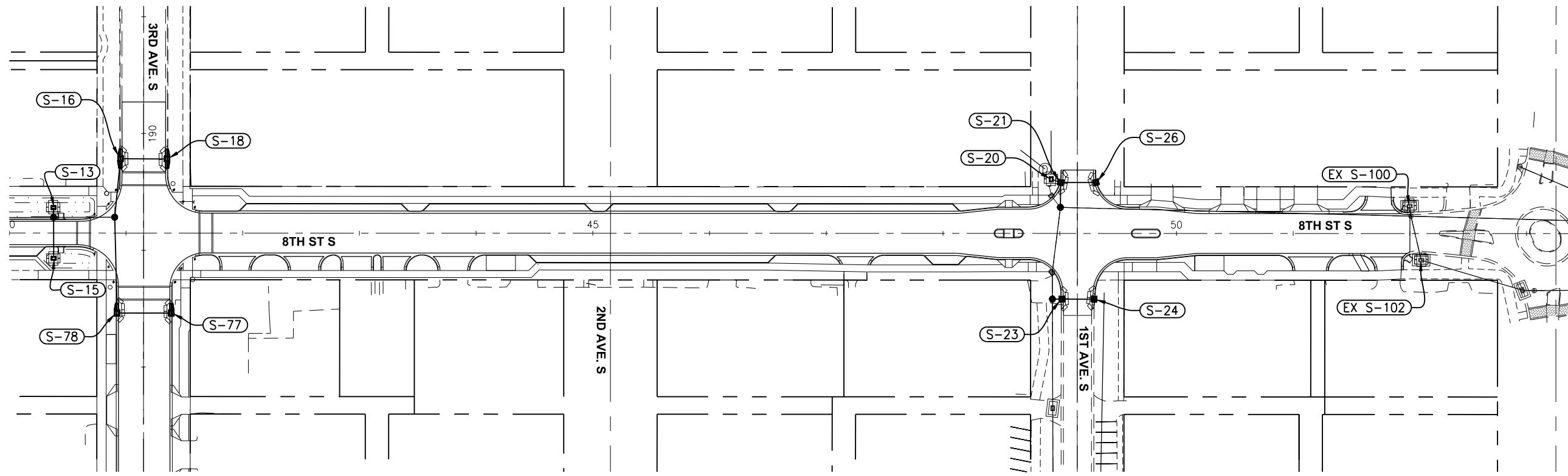
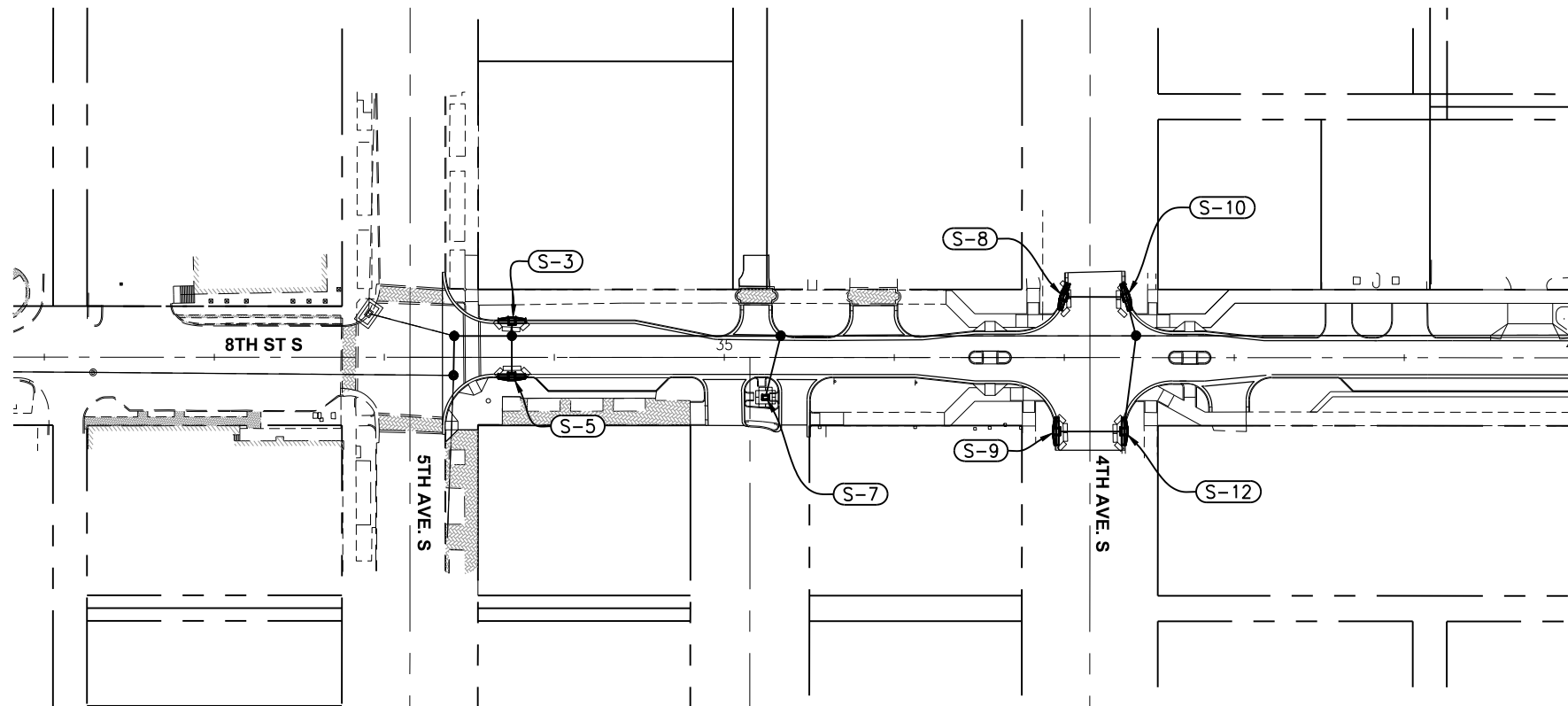
**CROSS SECTIONS (28)
 8TH STREET**

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/RGB: 34/49S & 3/50S/25E
 DATE: AUGUST 2018
 SUBMITTAL TYPE: 60%
 SHEET 81 OF 90

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\60%\CN007-SEC 1/4/2019 4:07 PM



NOTE: TYPICAL EROSION CONTROL FOR DBI AND CURB INLETS REFER TO STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL, DATED JULY 2013.

LEGEND		
SYMBOL	DEFINITION	QUANTITY
	INLET PROTECTION SYSTEM - CURB INLET	14
	INLET PROTECTION SYSTEM - DITCH BOTTOM INLET OR VALLEY GUTTER INLET	6

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: 11x17#####

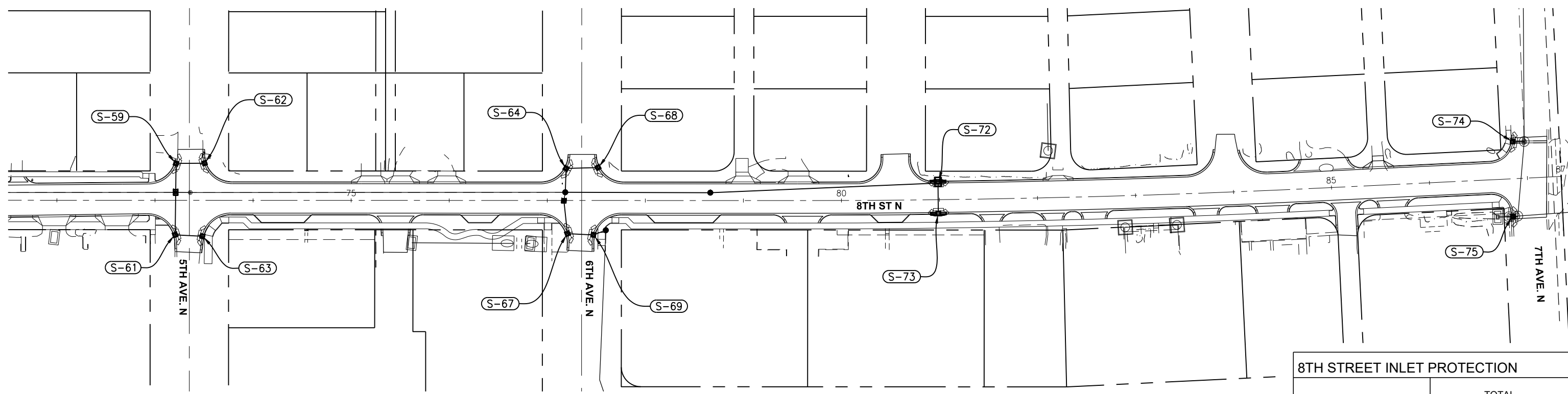
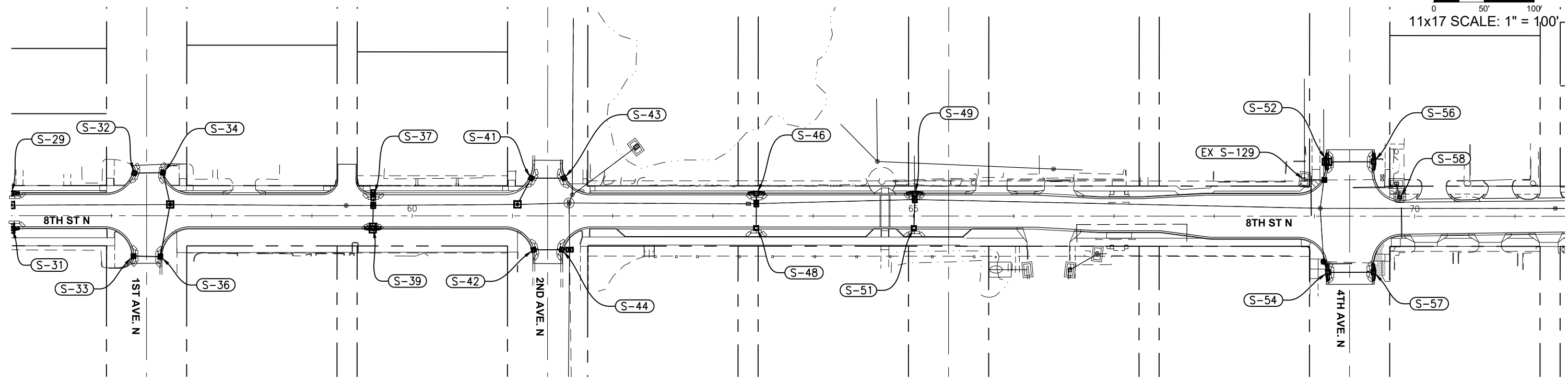
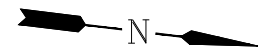
GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements
 EROSION CONTROL PLAN - 1
 ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/RGB: 34/49S & 3/50S/25E
 DATE: DECEMBER, 2018
 SUBMITTAL TYPE: 100% SUBMITTAL
 SHEET 178 OF 182

C:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTYPE\90%\CN007-EC-PLANS 1/4/2019 4:08 PM



NOTE: TYPICAL EROSION CONTROL FOR DBI AND CURB INLETS REFER TO STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL, DATED JULY 2013.

8TH STREET INLET PROTECTION	
	TOTAL
PHASE I	20
PHASE II	33

LEGEND		
SYMBOL	DEFINITION	QUANTITY
	INLET PROTECTION SYSTEM - CURB INLET	32
	INLET PROTECTION SYSTEM - DITCH BOTTOM INLET OR VALLEY GUTTER INLET	1

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: 11x17 1" = 100'

GradyMinor
 Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Business LG 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements
 EROSION CONTROL PLAN - 2
 ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY: CITY OF NAPLES
 SEC/TWN/RGB: 34/49S & 3/50S/25E
 DATE: DECEMBER, 2018
 SUBMITTAL TYPE: 100% SUBMITTAL
 SHBET 179 OF 182
 R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

G:\ENGINEERING\PROJ-ENG\CN007\GTDWGS\SUBMITTAL\TYPE 90%\CN007-EC-PLANS 1/4/2019 4:09 PM

TEMPORARY TRAFFIC CONTROL GENERAL NOTES:

1. THE CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS SET FORTH IN THE LATEST VERSIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SECTION 102 "MAINTENANCE OF TRAFFIC" OF THE FDOT DESIGN STANDARDS AT ALL TIMES.
2. ALL EXISTING SIGNS AND PAVEMENT MARKINGS WHICH CONFLICT WITH THE TRAFFIC CONTROL PLAN DURING A CONSTRUCTION PHASE, SHALL BE REMOVED OR TEMPORARILY RELOCATED AS NECESSARY PRIOR TO THE DIVERSION OF TRAFFIC AND THE COMMENCEMENT OF CONSTRUCTION.
3. THE EXISTING POSTED SPEED SHALL REMAIN DURING CONSTRUCTION. TRAFFIC SHALL BE MAINTAINED ON PAVED SURFACES AT ALL TIMES.
4. THE FIRST TWO WARNING SIGNS OF THE ADVANCED SIGNAGE INSTALLATION SHALL HAVE 18" x 18" MIN. ORANGE FLAGS AND HIGH INTENSITY TYPE "B" FLASHING LIGHTS ATTACHED AND OPERATIONAL AT ALL TIMES. SEE FDOT INDEX SERIES 102.
5. MAINTAIN POSITIVE DRAINAGE AT ALL TIMES.
6. SIGNING FOR THE PROJECT AT BEGINNING CONSTRUCTION, END CONSTRUCTION, AND SIDE STREETS SHALL BE ACCOMPLISHED WITH SIGNING AS DETAILED IN THE PLANS AND FDOT DESIGN STANDARDS, INDEX 102 SERIES.
7. MINIMUM LANE WIDTH SHALL BE 10'.
8. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
9. EXISTING SIDEWALK WILL BE CLOSED AS NECESSARY TO ACCOMMODATE CONSTRUCTION. CONTRACTOR WILL PLACE NECESSARY SIDEWALK CLOSURE SIGNAGE IN ACCORDANCE WITH STANDARD INDEX 102-660.
10. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE UTILIZED IN ADVANCE OF THE CONSTRUCTION. LOCATION TO BE DETERMINED BY THE CITY AT THE PRE-CONSTRUCTION MEETING.
11. SIGNS SHALL BE PLACED 10 DAYS PRIOR TO THE START OF CONSTRUCTION AND SHALL REMAIN IN USE THROUGHOUT THE DURATION OF THE PROJECT.

DISPLAY A: CONST
AHEAD

DISPLAY B: USE
CAUTION

TEMPORARY TRAFFIC CONTROL NOTES:

- 1 THE INTENT OF PHASE 1A-1C & 2A-2C IS TO SHUT DOWN BLOCKS OF 8TH STREET, 3RD AVE. SOUTH & 1ST AVE. SOUTH PER THE TRAFFIC CONTROL PLAN.
- 2 THE UTILITY IMPROVEMENTS FROM 10TH AVE. SOUTH TO 6TH AVE. SOUTH AND 1ST ST. SOUTH TO 10TH ST. SOUTH MAY BE CONSTRUCTED AS A PART OF ANY PHASE.
- 3 CONTRACTOR TO PROVIDE DETOUR SIGNAGE LAYOUT TO THE CITY FOR REVIEW 2 WEEKS PRIOR TO THE START OF CONSTRUCTION.

PROPOSED CONSTRUCTION SEQUENCE FOR PHASE 1A-1C:

- A 8TH STREET SOUTH FROM 5TH AVE. SOUTH TO 3RD AVE. SOUTH
- B 8TH STREET SOUTH FROM 3RD AVE. SOUTH TO CENTRAL AVENUE
- C 3RD AVENUE SOUTH FROM 8TH ST. SOUTH TO U.S. 41

PROPOSED CONSTRUCTION SEQUENCE FOR PHASE 2A-2C:

- A 8TH STREET NORTH FROM CENTRAL AVENUE TO 2ND AVE. NORTH
- B 8TH STREET NORTH FROM 2ND AVE. NORTH TO 4TH AVE. NORTH
- C 8TH STREET NORTH FROM 4TH AVE. NORTH TO 7TH AVE. NORTH

TEMPORARY TRAFFIC CONTROL PHASING NOTES:

- 1 PLACE TEMPORARY ADVANCE TRAFFIC CONTROL SIGNS AND DEVICES AS SHOWN IN THE TEMPORARY TRAFFIC CONTROL PLAN ADVANCE WARNING LAYOUT.
- 2 CLEAR AND GRUB, CONSTRUCT SIDEWALK, DRAINAGE IMPROVEMENTS, UTILITY IMPROVEMENTS AND SIGNALS ACCORDING TO THE PLANS.
- 3 MILL, WIDEN, AND RESURFACE EXISTING PAVEMENT (EXCLUDING THE FRICTION COURSE) AT THE LOCATIONS SHOWN IN THE PLANS.
- 4 CONSTRUCT SIGNAL, LIGHTING, AND SIGNAGE AT THE LOCATIONS SHOWN IN THE PLANS. FINALIZE GRADING OF OUTSIDE SHOULDER AREAS.
- 5 PLACE FRICTION COURSE AND FINAL STRIPING.
- 6 REMOVE THE TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES PLACED DURING THE TEMPORARY TRAFFIC CONTROL OPERATIONS.
- 7 PLACE PAVEMENT MARKINGS ACCORDING TO THE PLANS.
- 8 PLACE SOD.
- 9 CLEAN UP THE SITE.

LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE:	N/A



Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LG 26000266
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

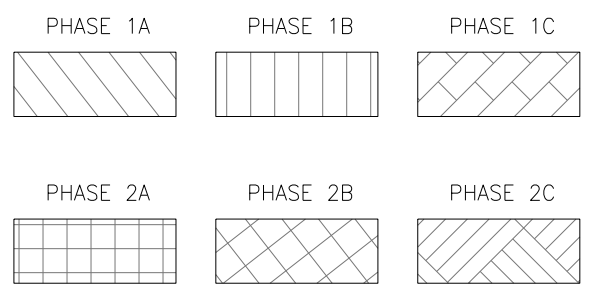
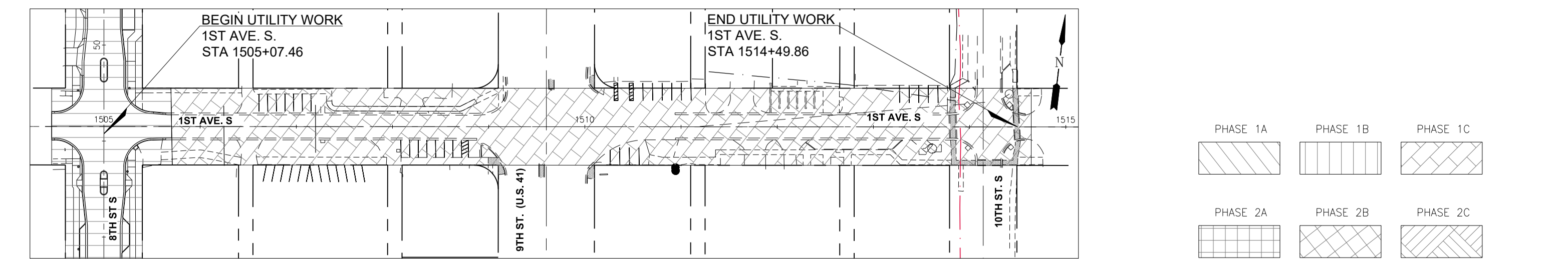
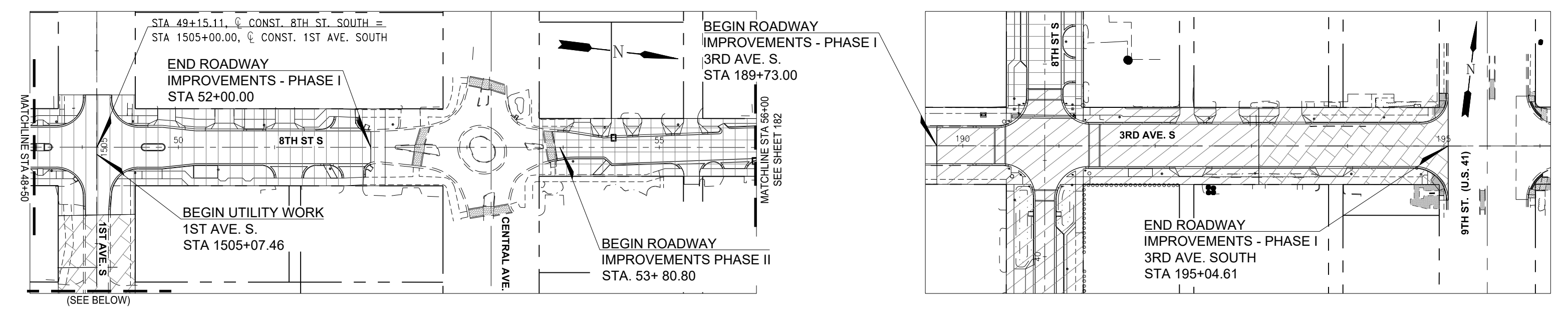
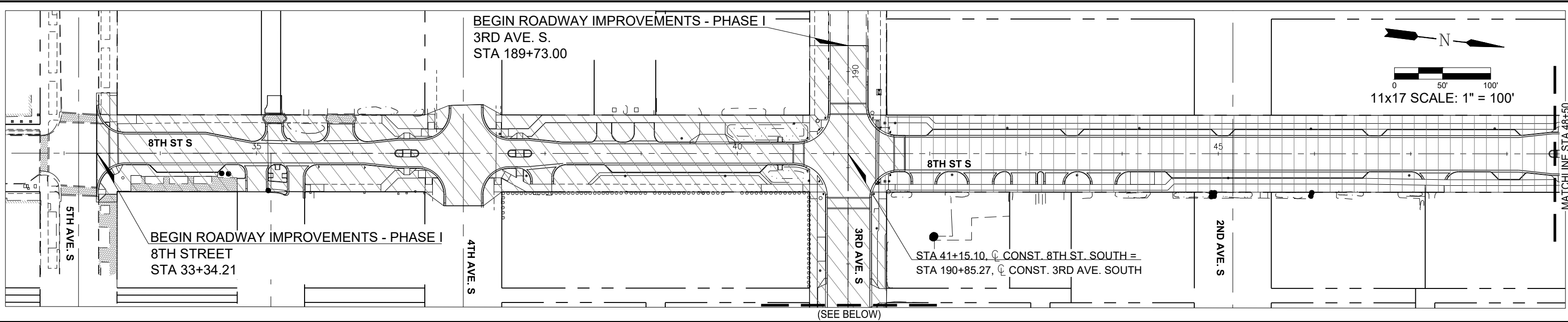
8th Street Improvements

CONSTRUCTION PHASING GENERAL NOTES

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

MUNICIPALITY:	CITY OF NAPLES
SEC/TWN/RGE:	34/49S & 3/50S/25E
DATE:	DECEMBER, 2018
SUBMITTAL TYPE:	100% SUBMITTAL
SHEET	180 OF 182



LEGEND

Revision	Date	Description	By

DESIGNED BY:	R.D.F.
DRAWN BY:	D.M.S.
APPROVED:	R.D.F.
JOB CODE:	CN007
SCALE:	11x17" = 100'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

CONSTRUCTION PHASING DETAILS - 1

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY:
CITY OF NAPLES

SEC./TWN./RGE:
34/49S & 3/50S/25E

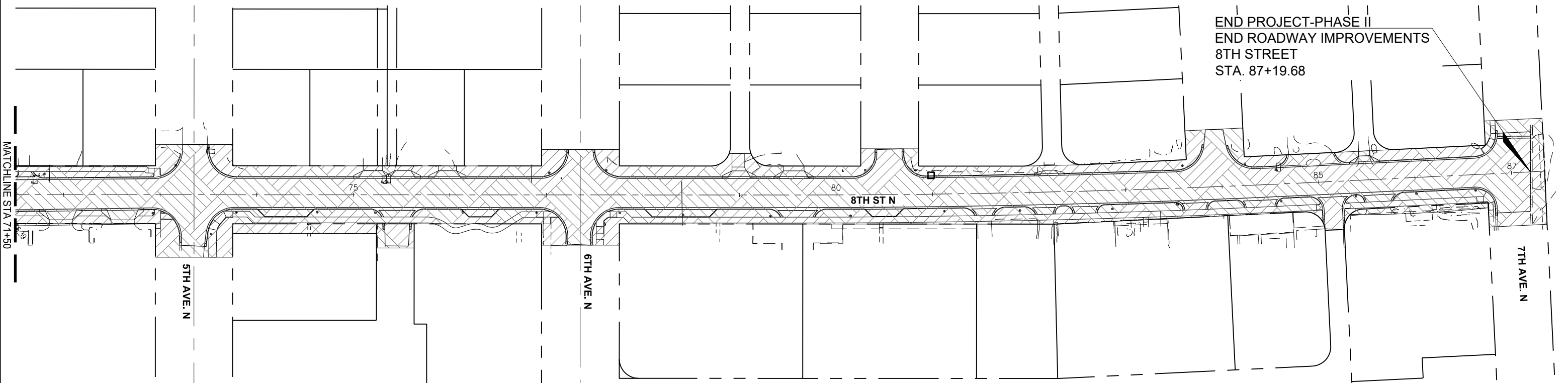
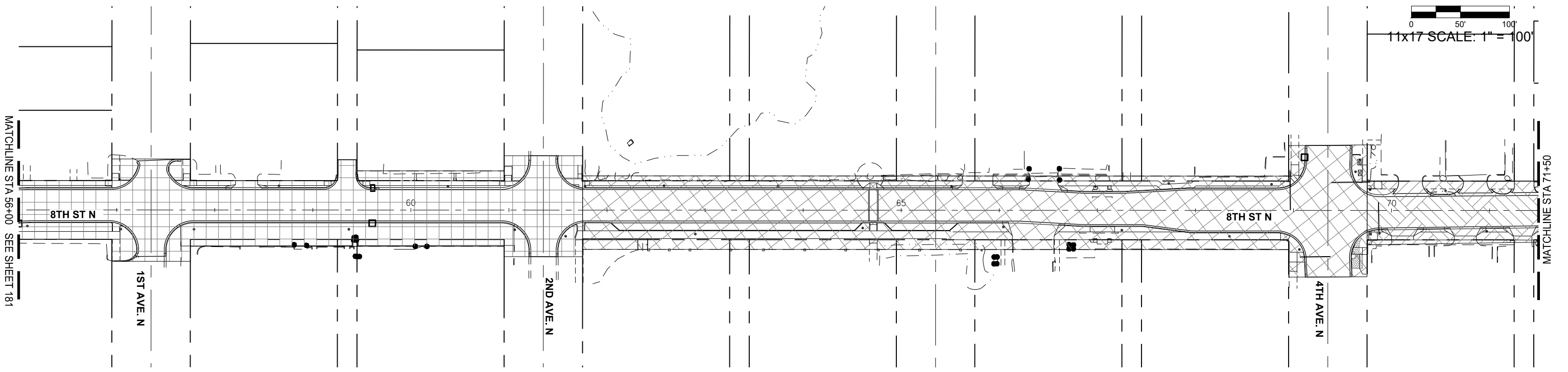
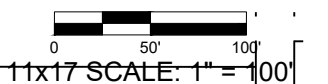
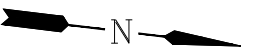
DATE:
DECEMBER, 2018

SUBMITTAL TYPE:
100% SUBMITTAL

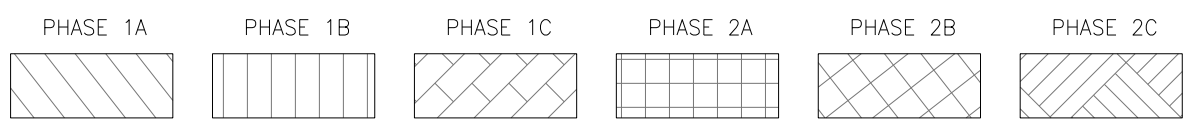
SHEET 181 OF 182

R. DANIEL FLYNN, P.E.
FLORIDA P.E. LICENSE NO. 76205

C:\ENGINEERING\PROJ-ENG\CN007\01\DWGS\SUBMITTAL\TYPE 90% \CN007-1.C PLANS 1/4/2019 4:10 PM



END PROJECT-PHASE II
 END ROADWAY IMPROVEMENTS
 8TH STREET
 STA. 87+19.68



LEGEND

Revision	Date	Description	By

DESIGNED BY: R.D.F.
 DRAWN BY: D.M.S.
 APPROVED: R.D.F.
 JOB CODE: CN007
 SCALE: 11x17 1" = 100'

GradyMinor
 Q. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134

Civil Engineers • Land Surveyors • Planners • Landscape Architects
 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266

Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

8th Street Improvements

CONSTRUCTION PHASING DETAILS - 2

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88)
 CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)1.270

MUNICIPALITY: CITY OF NAPLES
 SEC./TWN/RGB: 34/49S & 3/50S/25E
 DATE: DECEMBER, 2018
 SUBMITTAL TYPE: 100% SUBMITTAL
 SHEET 182 OF 182

R. DANIEL FLYNN, P.E.
 FLORIDA P.E. LICENSE NO. 76205

C:\ENGINEERING\PROJ-ENG\CN007\11x17\DWG\SUBMITTYPE\90%PLAN\11x17\11x17-IC-PLANS 1/4/2019 4:10 PM