

REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285

22X34 SCALE:
 VERTICAL 1" = 6'
 HORIZONTAL 1" = 40'
 11X17 SCALE:
 VERTICAL 1" = 3'
 HORIZONTAL 1" = 20'

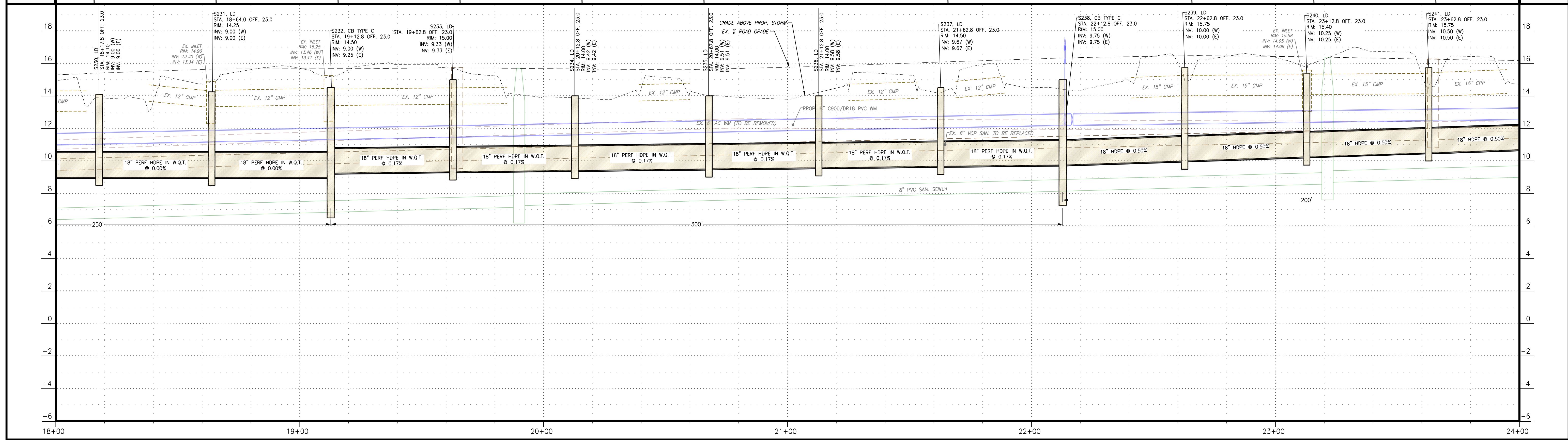
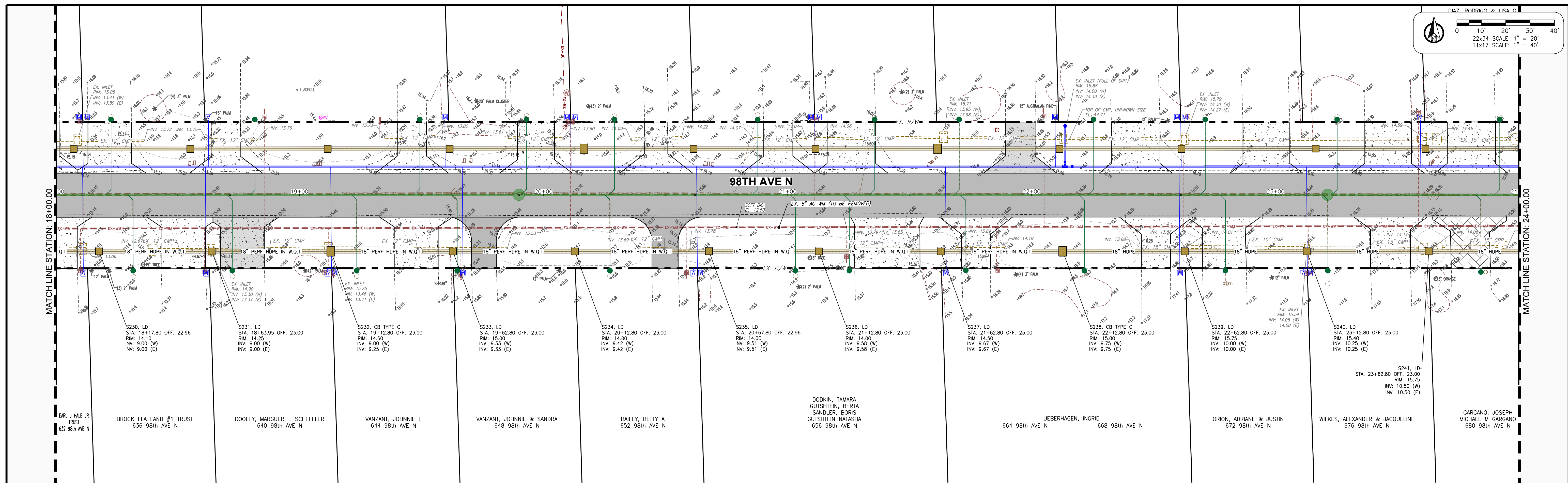
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 Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151
 Bonita Springs: 239.947.1144 www.GradyMinor.com Fort Myers: 239.690.4380

98th & 99th Avenue North - Public Utilities Renewal
 98TH AVE. N. - SOUTH DRAINAGE
 PLAN & PROFILE
 STA. 12+00.00 TO 18+00.00

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
 SEC/TWN/RGE: 28/48/25
 DATE: MARCH, 2022
 SUBMITTAL TYPE: BID
 SHEET 41 OF 99

JUSTIN A. FREDERIKSEN, P.E.
 FLORIDA P.E. LICENSE NO. 66086



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285

22X34 SCALE:
 VERTICAL 1" = 6'
 HORIZONTAL 1" = 40'

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98th & 99th Avenue North - Public Utilities Renewal

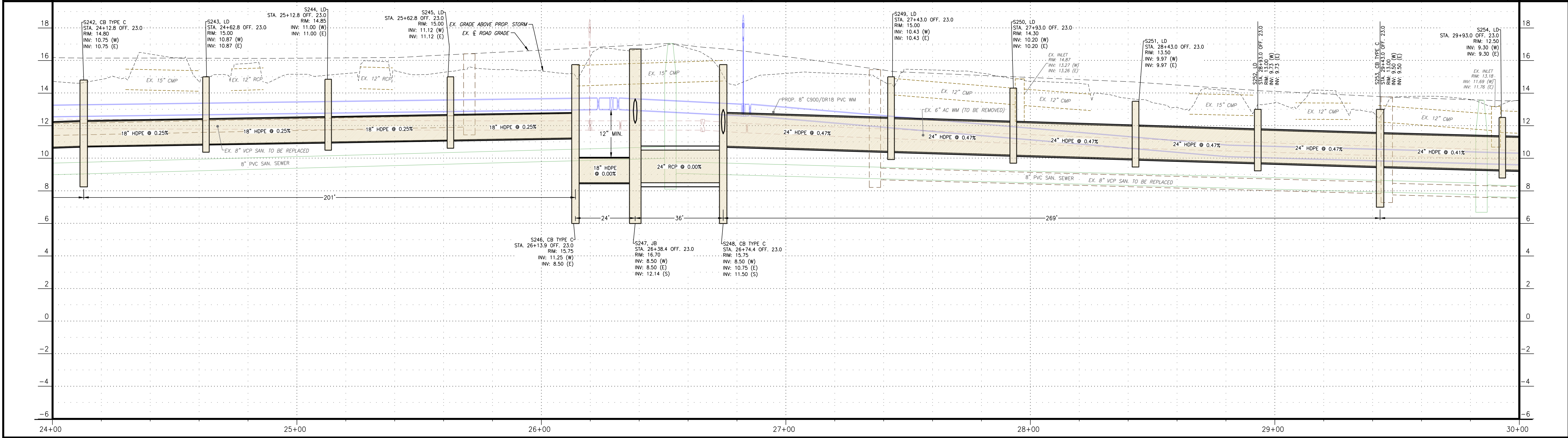
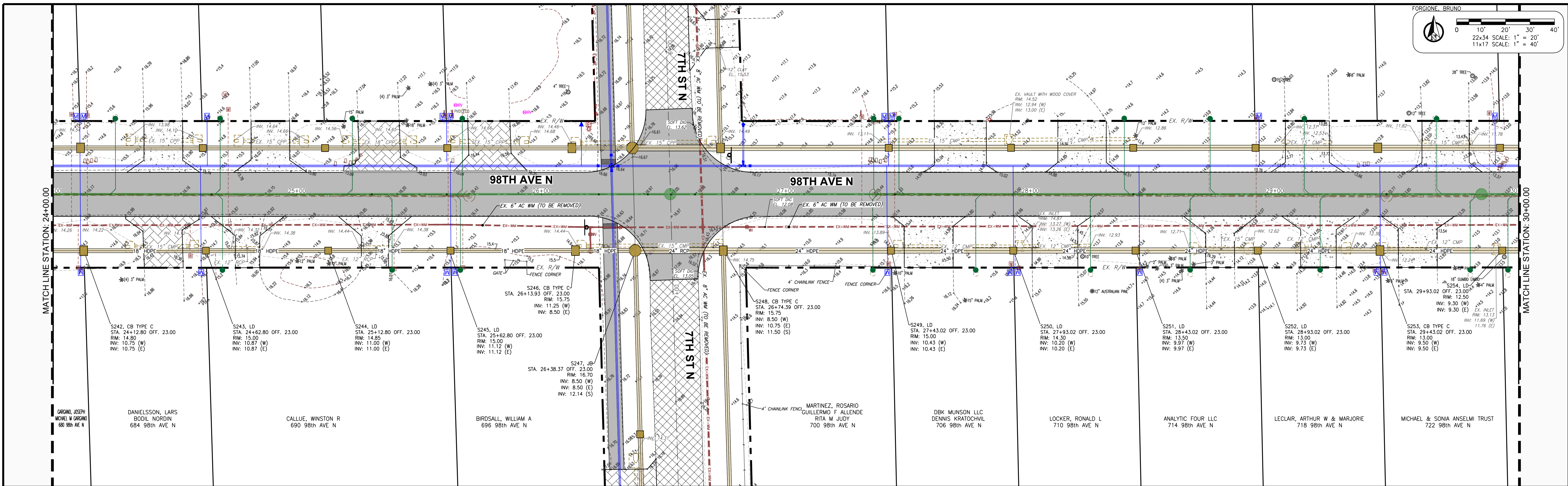
98TH AVE. N. - SOUTH DRAINAGE
 PLAN & PROFILE
 STA. 18+00.00 TO 24+00.00

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
 SEC/TWN/RGE: 28/48/25
 DATE: MARCH, 2022
 SUBMITTAL TYPE: BID
 SHEET 42 OF 99

JUSTIN A. FREDERIKSEN, P.E.
 FLORIDA P.E. LICENSE NO. 66066

C:\ENGINEERING\PROJ-ENG\CCU285\SUBMITTAL\TYPE CONSTRUCTION PLANS\98TH & 99TH\CCU285_98TH-99TH - DRAINAGE EXP. 4/21/2023 11:55 AM



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285

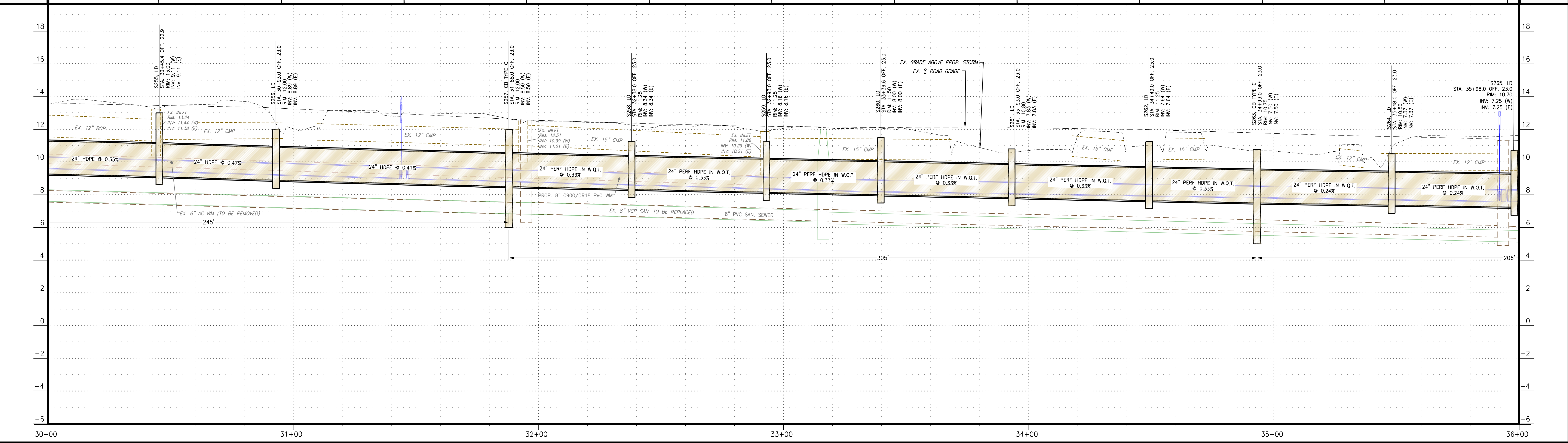
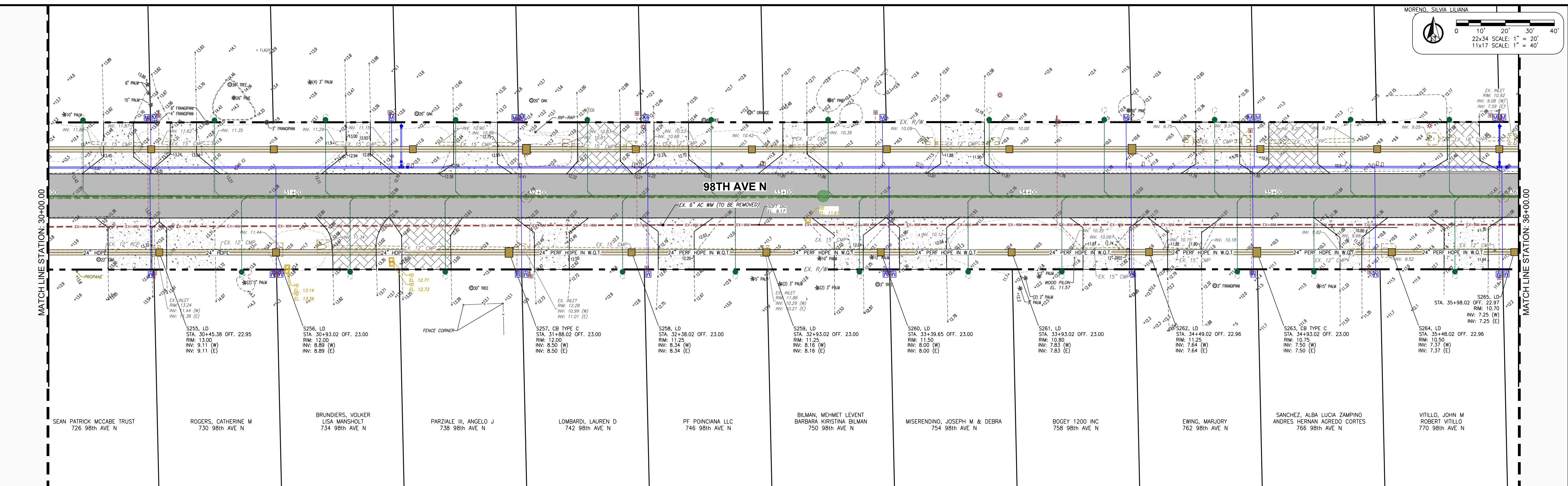
22X34 SCALE:
 VERTICAL: 1" = 6'
 HORIZONTAL: 1" = 40'
 11X17 SCALE:
 VERTICAL: 1" = 3'
 HORIZONTAL: 1" = 20'

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98th & 99th Avenue North - Public Utilities Renewal
 98TH AVE. N. - SOUTH DRAINAGE
 PLAN & PROFILE
 STA. 24+00.00 TO 30+00.00

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
SEC/TWN/RGE: 28/48/25
DATE: MARCH, 2022
SUBMITTAL TYPE: BID
SHEET 43 OF 99



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285

22X34 SCALE:
 VERTICAL 1" = 6'
 HORIZONTAL 1" = 40'
 11X17 SCALE:
 VERTICAL 1" = 3'
 HORIZONTAL 1" = 20'

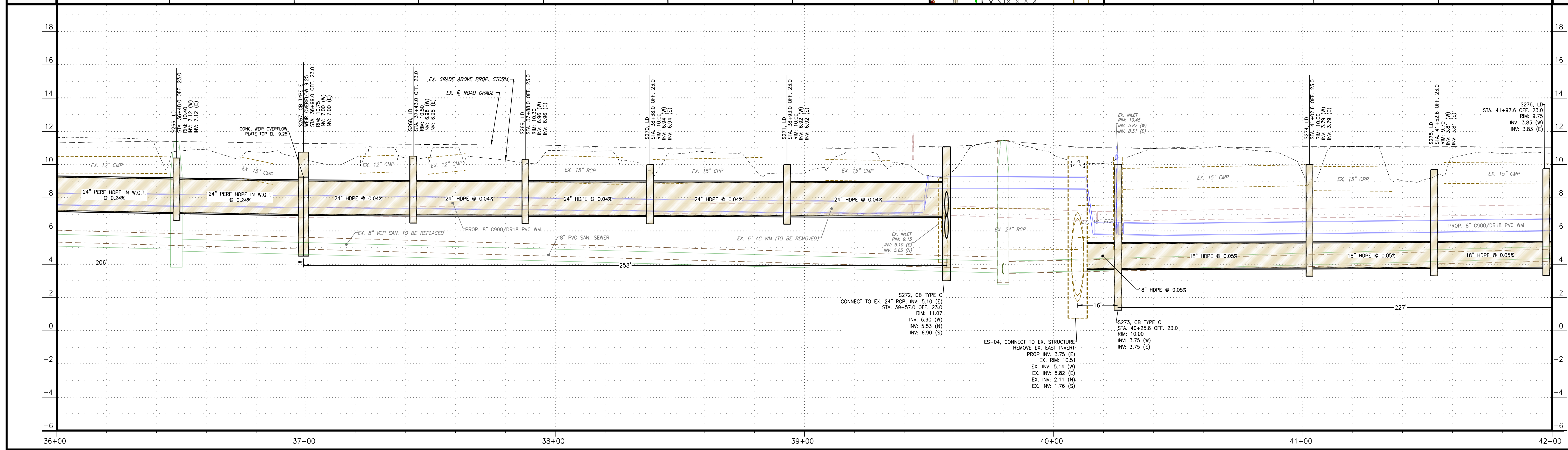
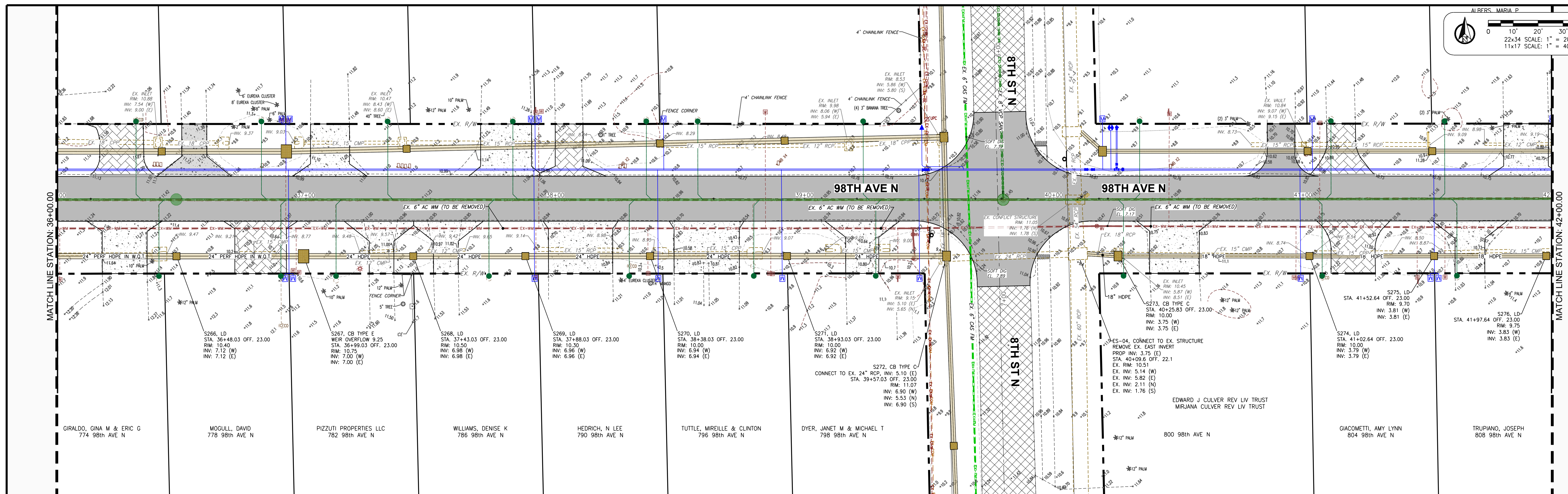
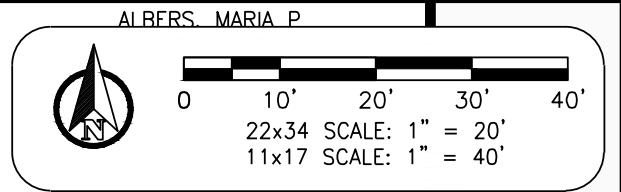
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98th & 99th Avenue North - Public Utilities Renewal
 98TH AVE. N. - SOUTH DRAINAGE
 PLAN & PROFILE
 STA. 30+00.00 TO 36+00.00

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
 SEC/TWN/RGE: 28/48/25
 DATE: MARCH, 2022
 SUBMITTAL TYPE: BID
 SHEET 44 OF 99

JUSTIN A. FREDERIKSEN, P.E.
 FLORIDA P.E. LICENSE NO. 66086



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285

22X34 SCALE:
 VERTICAL 1" = 6'
 HORIZONTAL 1" = 40'
 11X17 SCALE:
 VERTICAL 1" = 3'
 HORIZONTAL 1" = 20'

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98th & 99th Avenue North - Public Utilities Renewal

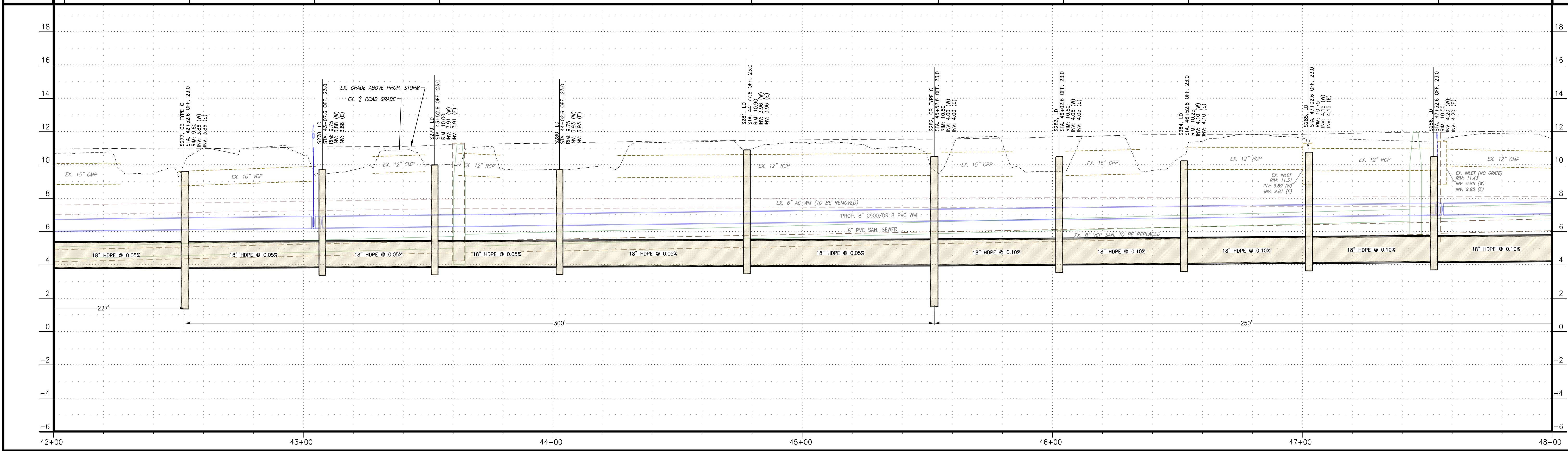
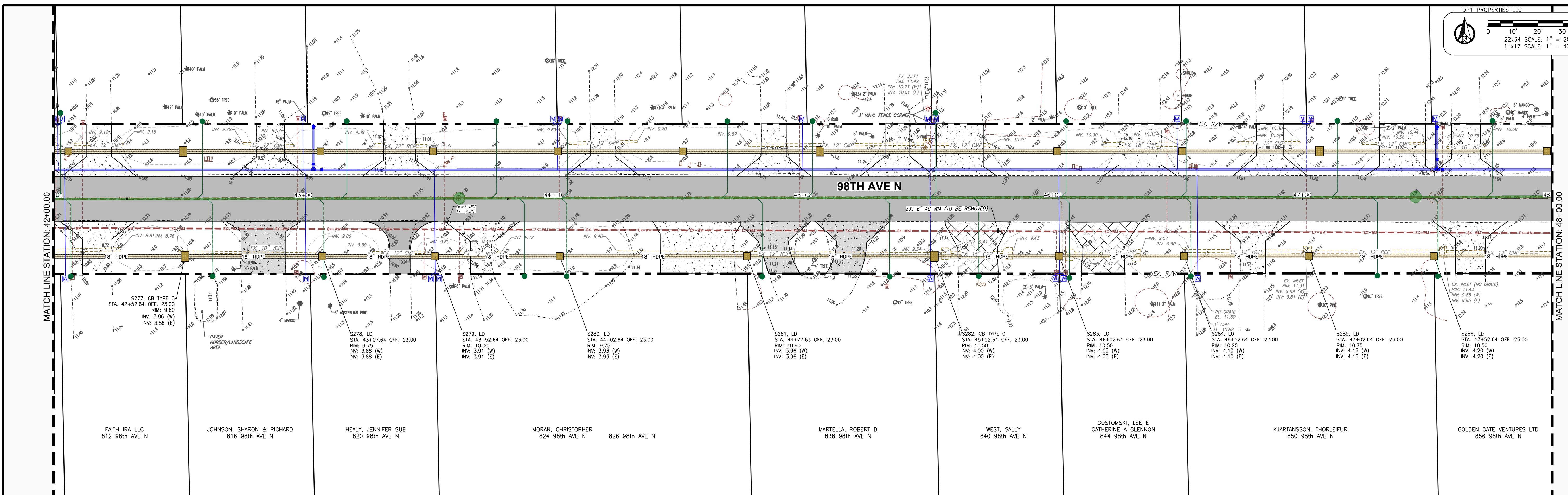
**98TH AVE. N. - SOUTH DRAINAGE
 PLAN & PROFILE
 STA. 36+00.00 TO 42+00.00**

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
 SEC/TWN/RGE: 28/48/25
 DATE: MARCH, 2022
 SUBMITTAL TYPE: BID
 SHEET 45 OF 99

JUSTIN A. FREDERIKSEN, P.E.
 FLORIDA P.E. LICENSE NO. 66086

C:\ENGINEERING\PROJ-ENG\CCU285\SUBMITTAL TYPE\CONSTRUCTION PLANS\98TH & 99TH AVE\CCU285_98TH-99TH - DRAINAGE E&P 4/21/2023 11:56 AM



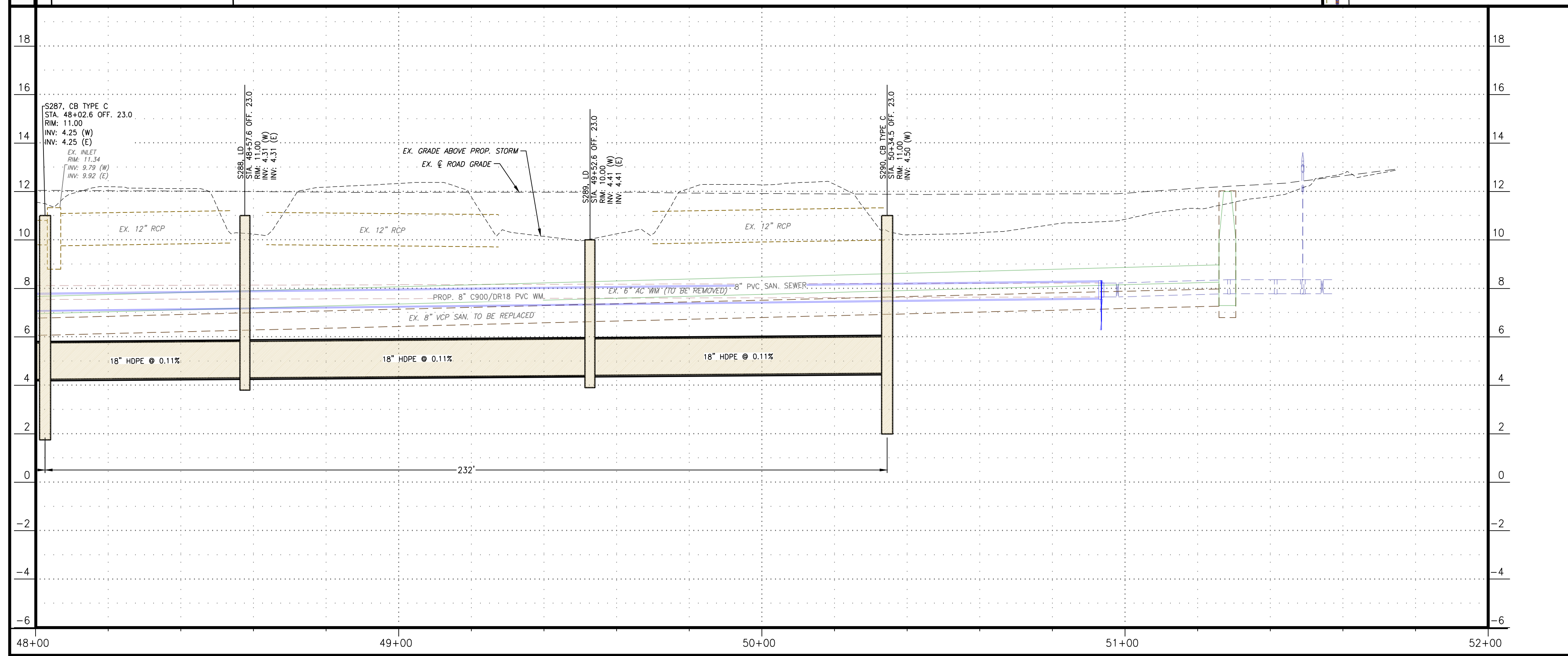
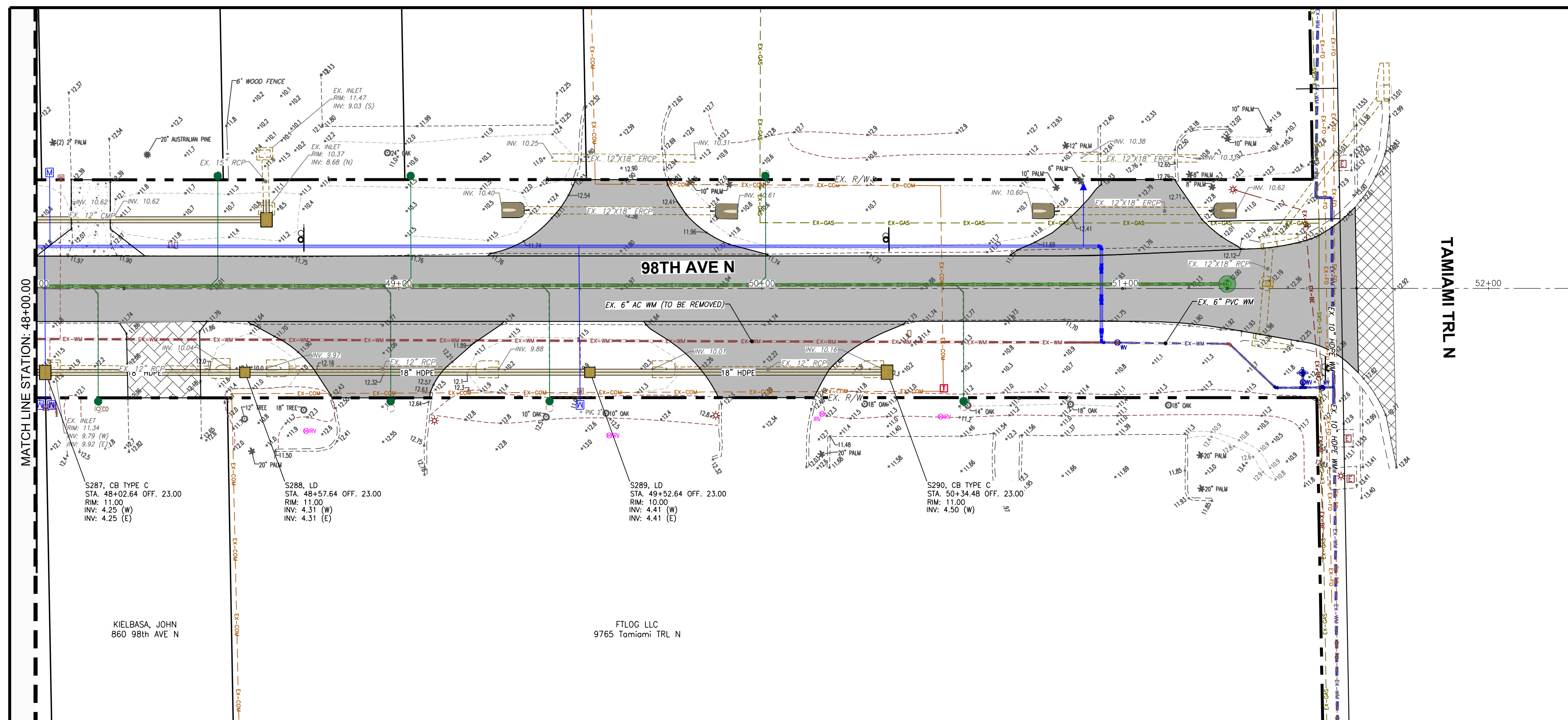
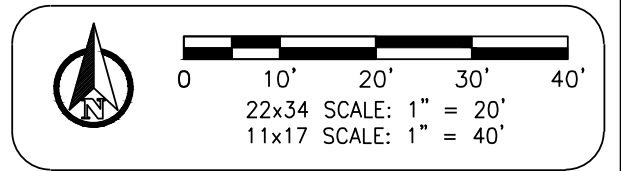
REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285
 22X34 SCALE:
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 HORIZONTAL 1" = 40'
 11X17 SCALE:
 VERTICAL 1" = 3'
 HORIZONTAL 1" = 20'

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98th & 99th Avenue North - Public Utilities Renewal
 98TH AVE. N. - SOUTH DRAINAGE
 PLAN & PROFILE
 STA. 42+00.00 TO 48+00.00
 ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
 SEC/TWN/RGE: 28/48/25
 DATE: MARCH, 2022
 SUBMITTAL TYPE: BID
 SHEET 46 OF 99
 JUSTIN A. FREDERIKSEN, P.E.
 FLORIDA P.E. LICENSE NO. 66086



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285

22X34 SCALE:
 VERTICAL 1" = 6'
 HORIZONTAL 1" = 40'
 11X17 SCALE:
 VERTICAL 1" = 3'
 HORIZONTAL 1" = 20'

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

98th & 99th Avenue North - Public Utilities Renewal

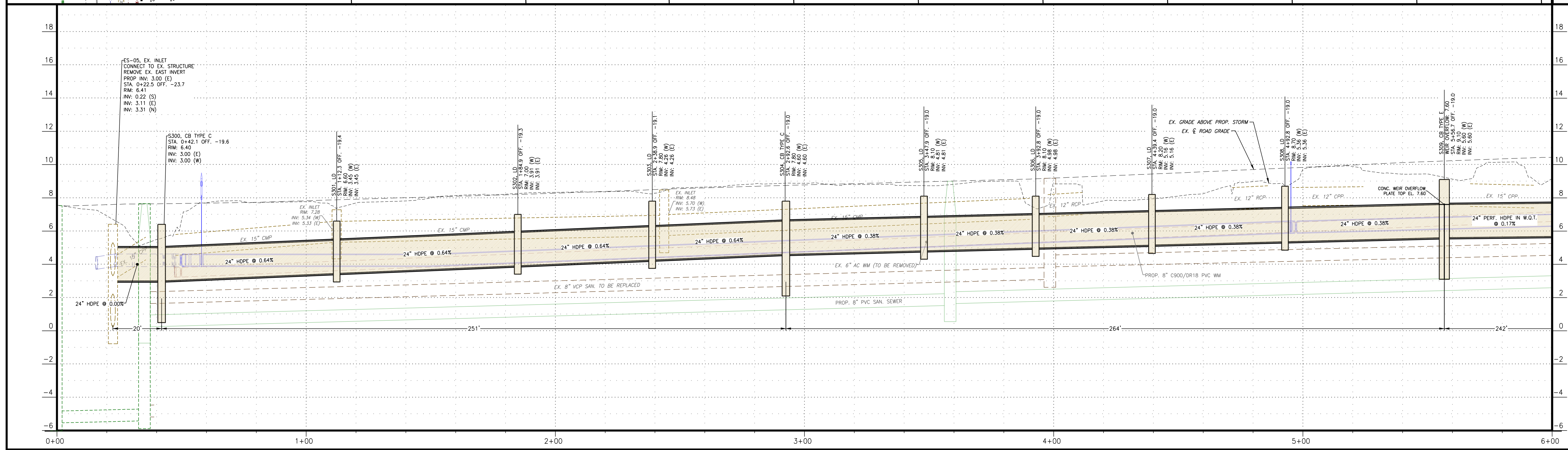
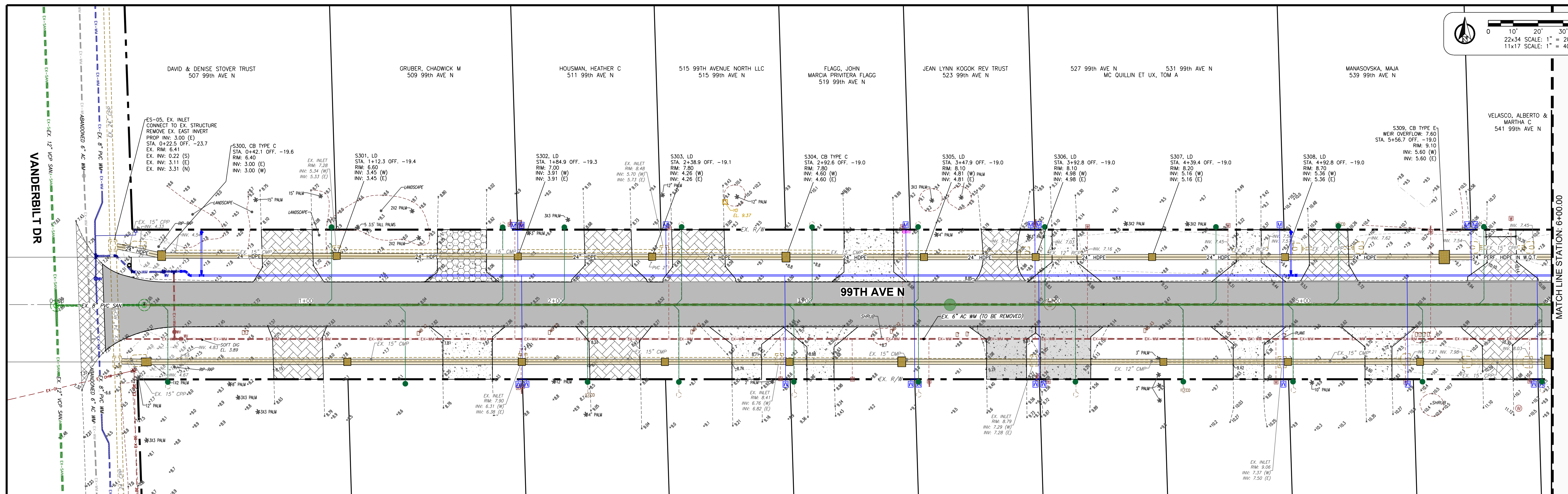
98TH AVE. N. - SOUTH DRAINAGE
 PLAN & PROFILE
 STA. 48+00.00 TO 52+00.00

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
 SEC/TWN/RGE: 28/48/25
 DATE: MARCH, 2022
 SUBMITTAL TYPE: BID
 SHEET 47 OF 99

JUSTIN A. FREDERIKSEN, P.E.
 FLORIDA P.E. LICENSE NO. 66086

C:\ENGINEERING\PROJ-ENG\CCU285\SUBMITTAL\CONSTRUCTION PLANS\98TH & 99TH\CCU285_98TH-99TH - DRAINAGE.PLK 4/21/2023 12:01 PM



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285

22X34 SCALE:
 VERTICAL 1" = 6'
 HORIZONTAL 1" = 40'
 11X17 SCALE:
 VERTICAL 1" = 3'
 HORIZONTAL 1" = 20'

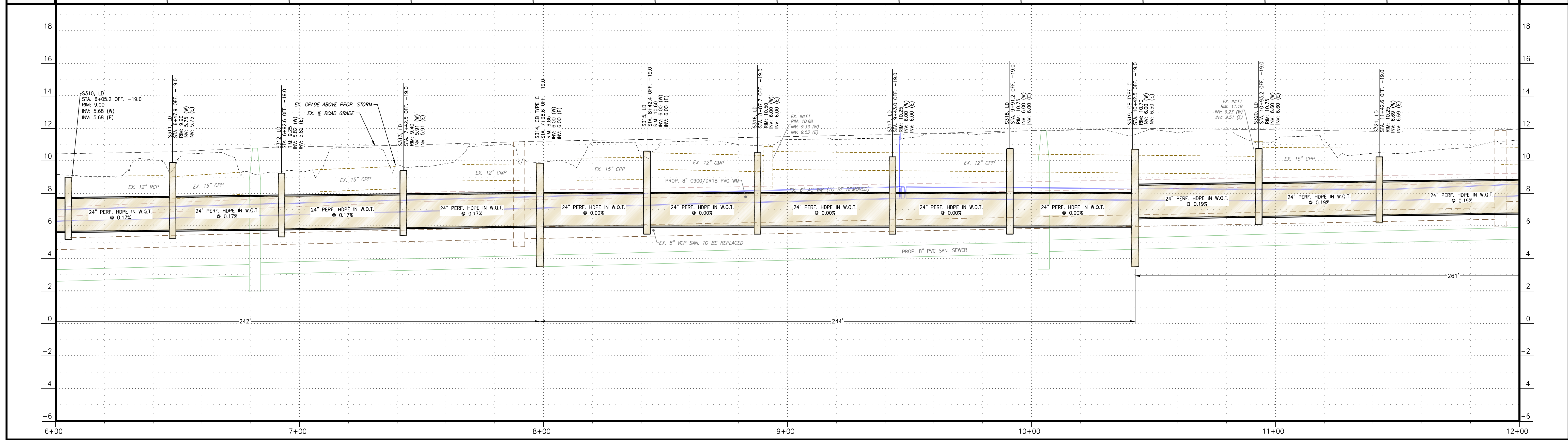
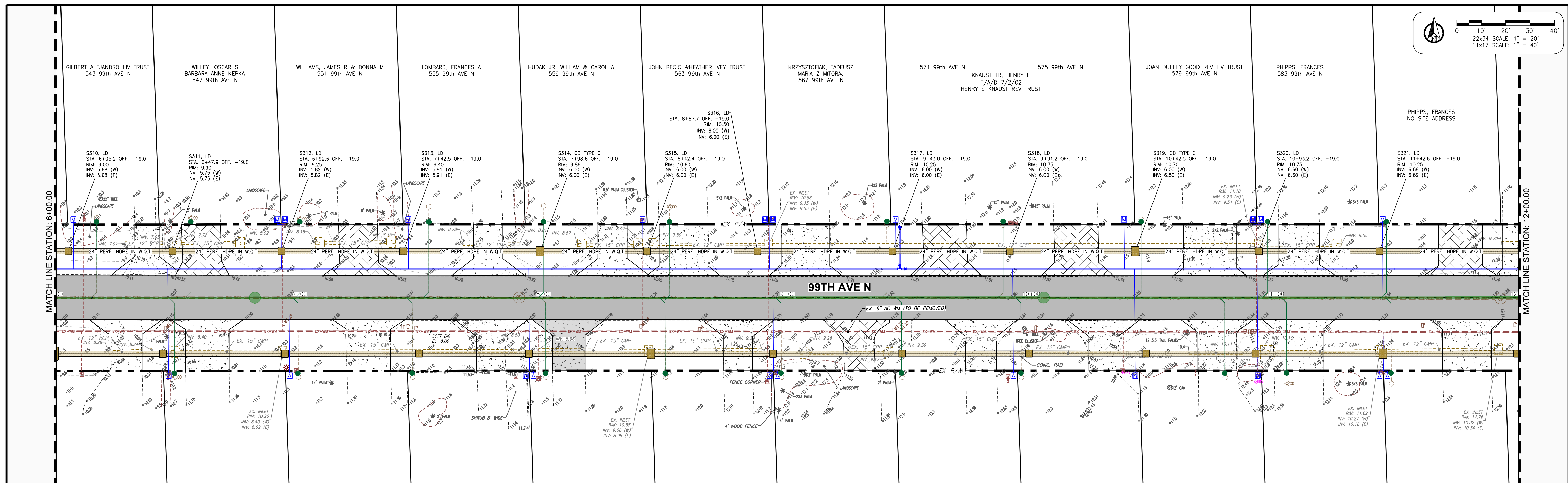
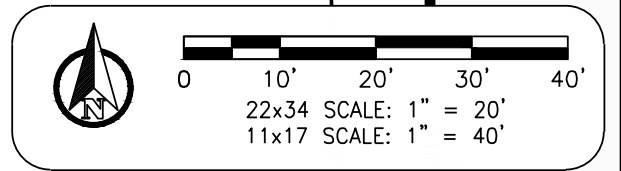
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98th & 99th Avenue North - Public Utilities Renewal
 99TH AVE. N. - NORTH DRAINAGE
 PLAN & PROFILE
 STA. 0+00.00 TO 6+00.00

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
SEC/TWN/RGE: 28/48/25
DATE: MARCH, 2022
SUBMITTAL TYPE: BID
SHEET 48 OF 99

C:\ENGINEERING\PROJ-ENG\CCU285\SUBMITTAL\TYPE\CONSTRUCTION PLANS\98TH & 99TH\CCU285_98TH-99TH - DRAINAGE E&P 4/21/2023 12:02 PM



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285

22X34 SCALE:
 VERTICAL 1" = 6'
 HORIZONTAL 1" = 40'
 11X17 SCALE:
 VERTICAL 1" = 3'
 HORIZONTAL 1" = 20'

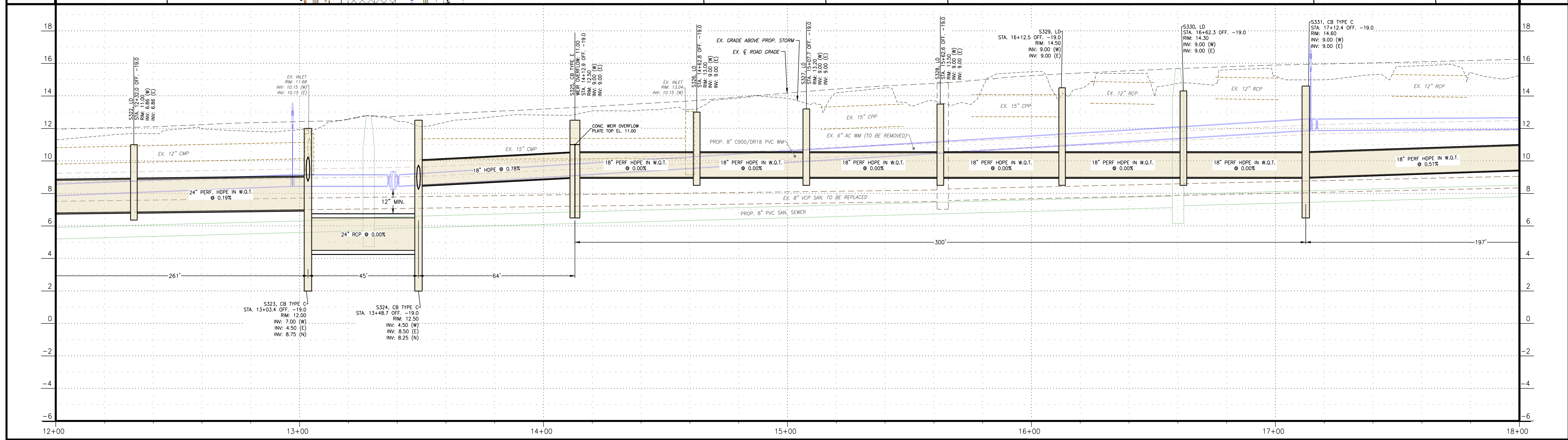
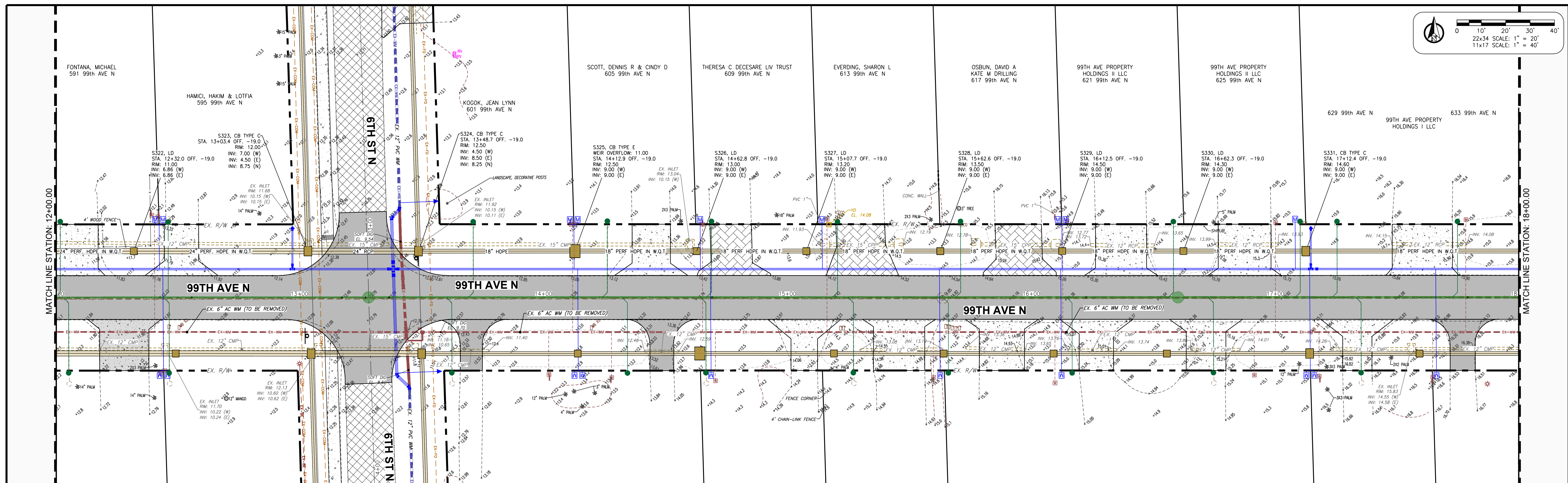
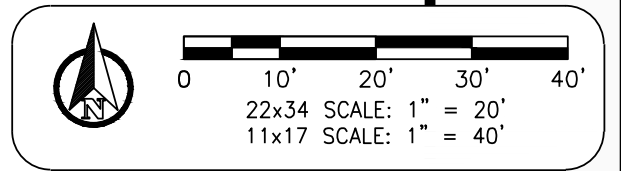
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98th & 99th Avenue North - Public Utilities Renewal
 99TH AVE. N. - NORTH DRAINAGE
 PLAN & PROFILE
 STA. 6+00.00 TO 12+00.00

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
SEC/TWN/RGE: 28/48/25
DATE: MARCH, 2022
SUBMITTAL TYPE: BID
SHEET 49 OF 99

C:\ENGINEERING\PROJ-ENG\CCU285\SUBMITTAL\TYPE\CONSTRUCTION PLANS\98TH & 99TH\CCU285_98TH-99TH - DRAINAGE E&P 4/21/2023 12:03 PM



REVISION	DATE	DESCRIPTION	BY

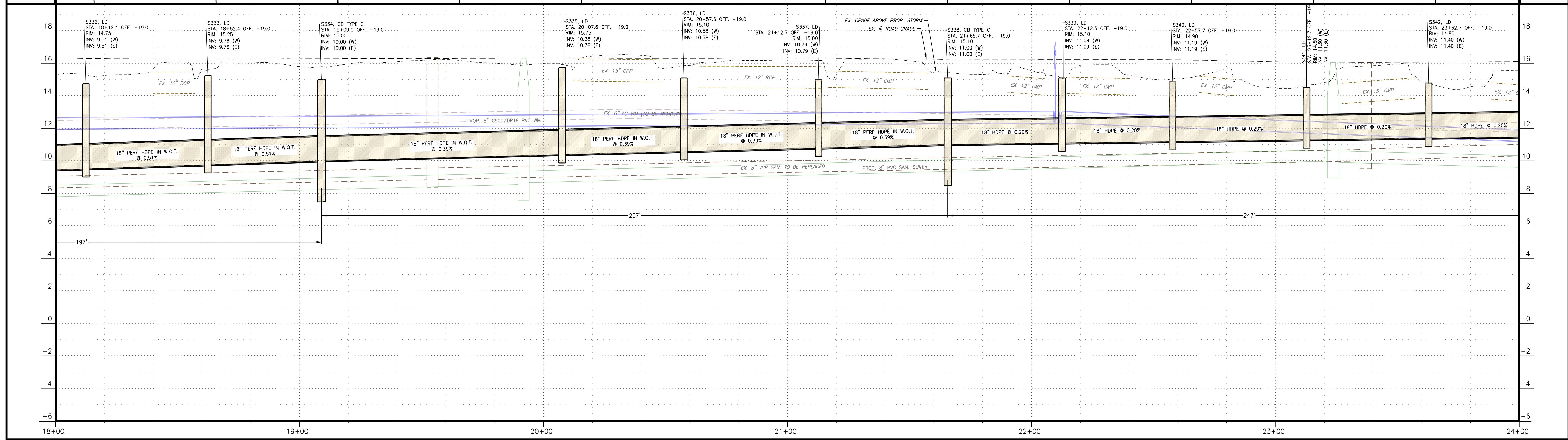
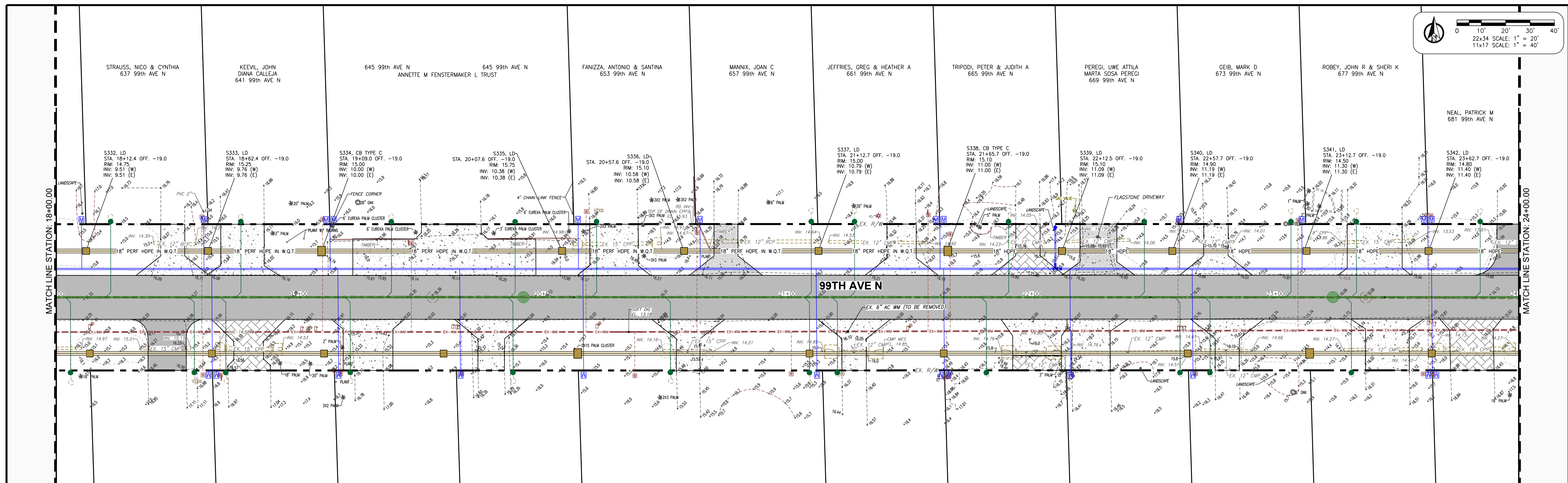
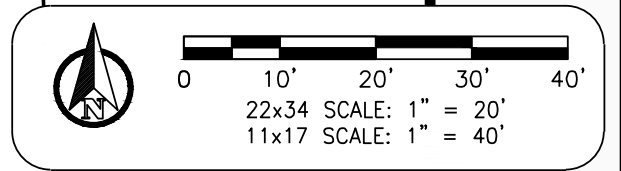
DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285
 22X34 SCALE:
 VERTICAL 1" = 6'
 HORIZONTAL 1" = 40'
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98th & 99th Avenue North - Public Utilities Renewal
99TH AVE. N. - NORTH DRAINAGE
PLAN & PROFILE
STA. 12+00.00 TO 18+00.00
 ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
 SEC/TWN/RGE: 28/48/25
 DATE: MARCH, 2022
 SUBMITTAL TYPE: BID
 SHEET 50 OF 99
 JUSTIN A. FREDERIKSEN, P.E.
 FLORIDA P.E. LICENSE NO. 66086

C:\ENGINEERING\PROJ-ENG\CCU285\SUBMITTAL\TYPE CONSTRUCTION PLANS\98TH & 99TH\CCU285_98TH-99TH - DRAINAGE EXP 4/21/2023 12:04 PM



REVISION	DATE	DESCRIPTION	BY

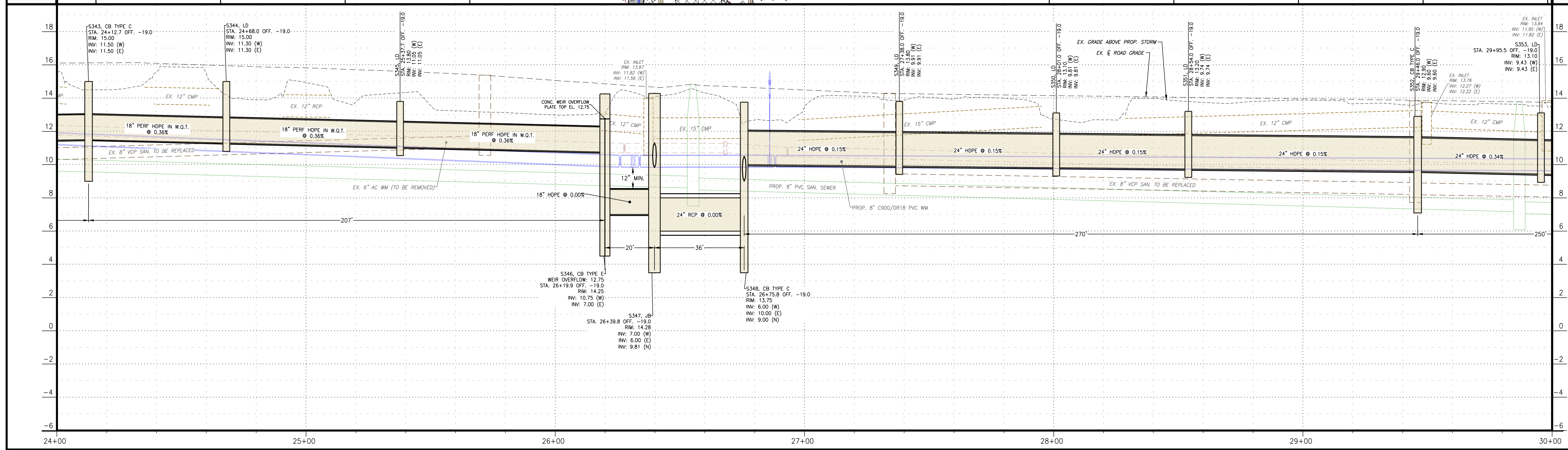
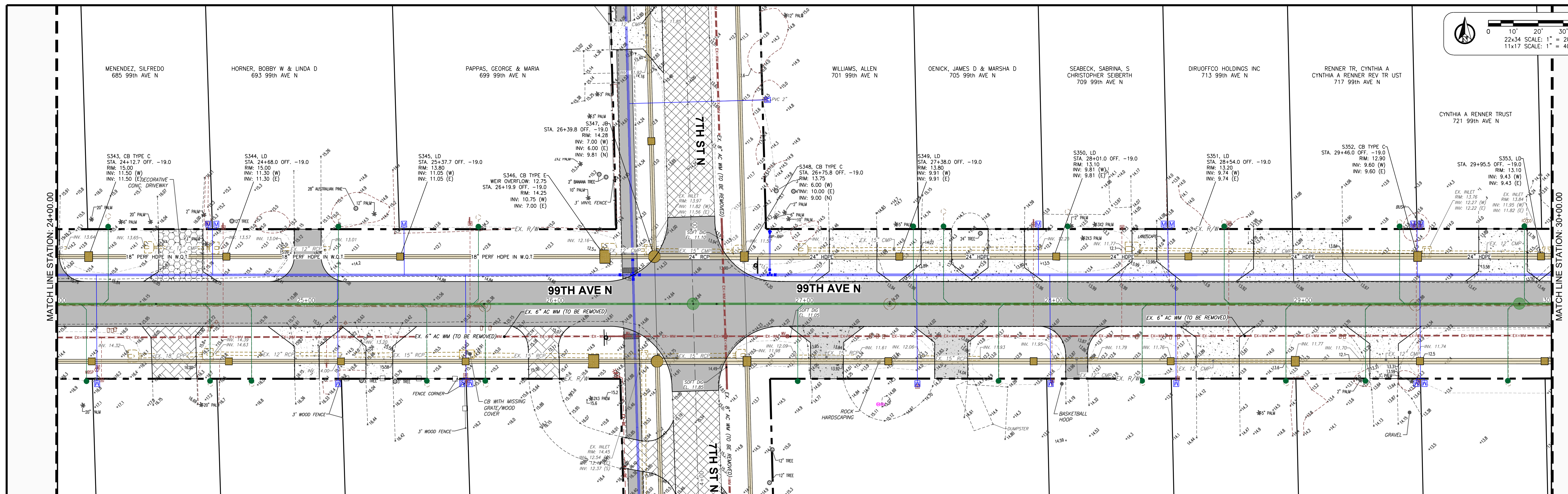
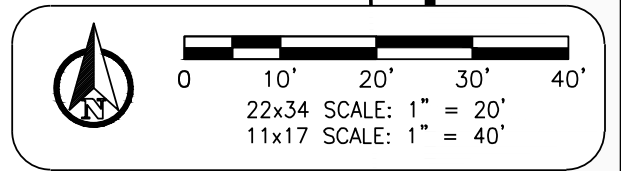
DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285
 22X34 SCALE:
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98th & 99th Avenue North - Public Utilities Renewal
 99TH AVE. N. - NORTH DRAINAGE
 PLAN & PROFILE
 STA. 18+00.00 TO 24+00.00
 ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
 SEC/TWN/RGE: 28/48/25
 DATE: MARCH, 2022
 SUBMITTAL TYPE: BID
 SHEET 51 OF 99

C:\ENGINEERING\PROJ-ENG\CCU285\01DWGS\SUBMITTAL\TYPE CONSTRUCTION PLANS\98TH & 99TH\CCU285_98TH-99TH - DRAINAGE EXP. 4/21/2023 12:05 PM



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
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98th & 99th Avenue North - Public Utilities Renewal

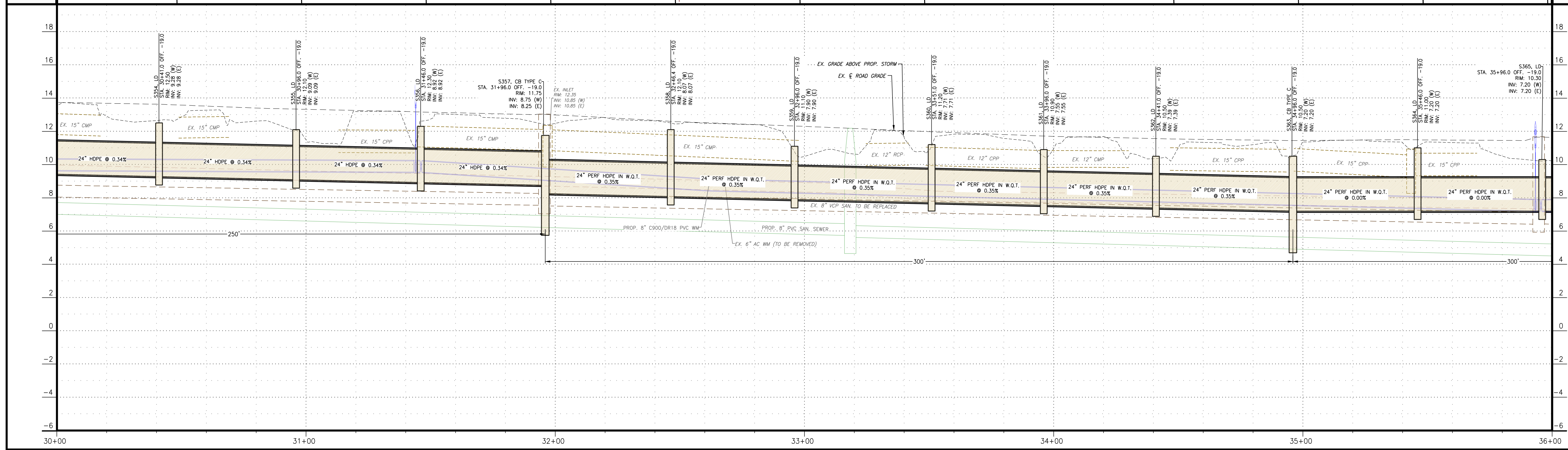
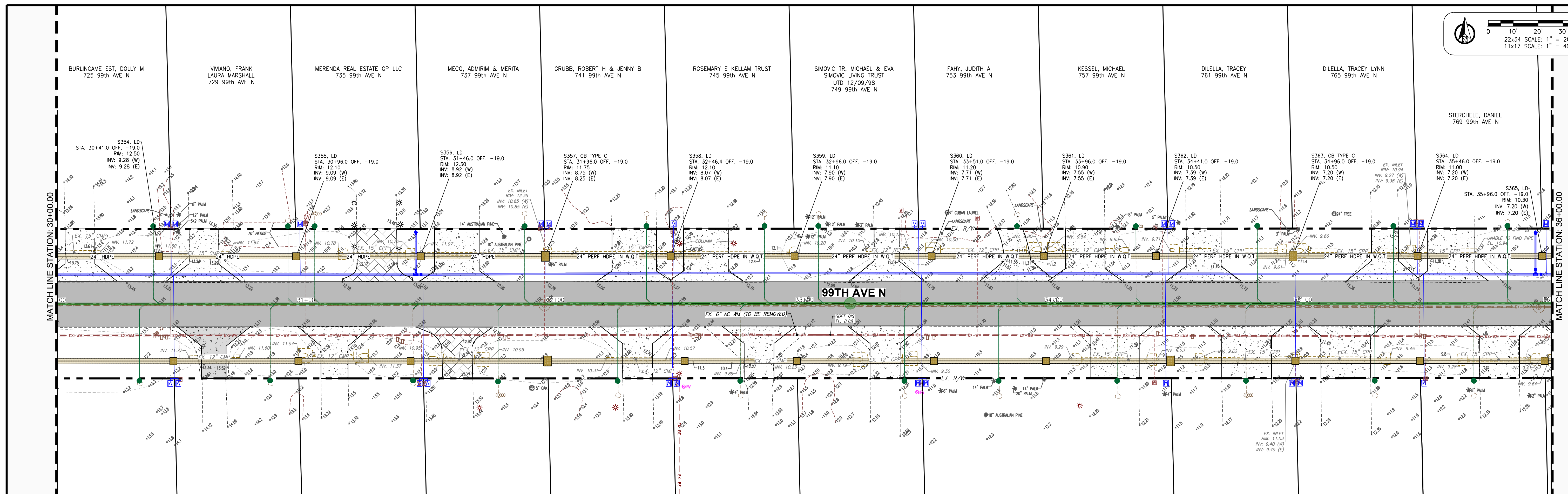
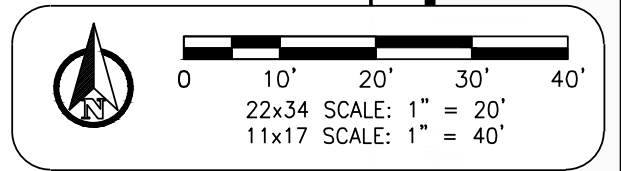
99TH AVE. N. - NORTH DRAINAGE
 PLAN & PROFILE
 STA. 24+00.00 TO 30+00.00

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
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MUNICIPALITY: COLLIER COUNTY
 SEC/TWN/RGE: 28/48/25
 DATE: MARCH, 2022
 SUBMITTAL TYPE: BID
 SHEET 52 OF 99

JUSTIN A. FREDERIKSEN, P.E.
 FLORIDA P.E. LICENSE NO. 66086

C:\ENGINEERING\PROJ-ENG\CCU285\01DWGS\SUBMITTAL\TYPE\CONSTRUCTION\PLANS\98TH & 99TH\CCU285_98TH-99TH - DRAINAGE EXP 4/21/2023 12:06 PM



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
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 APPROVED: J.A.F.
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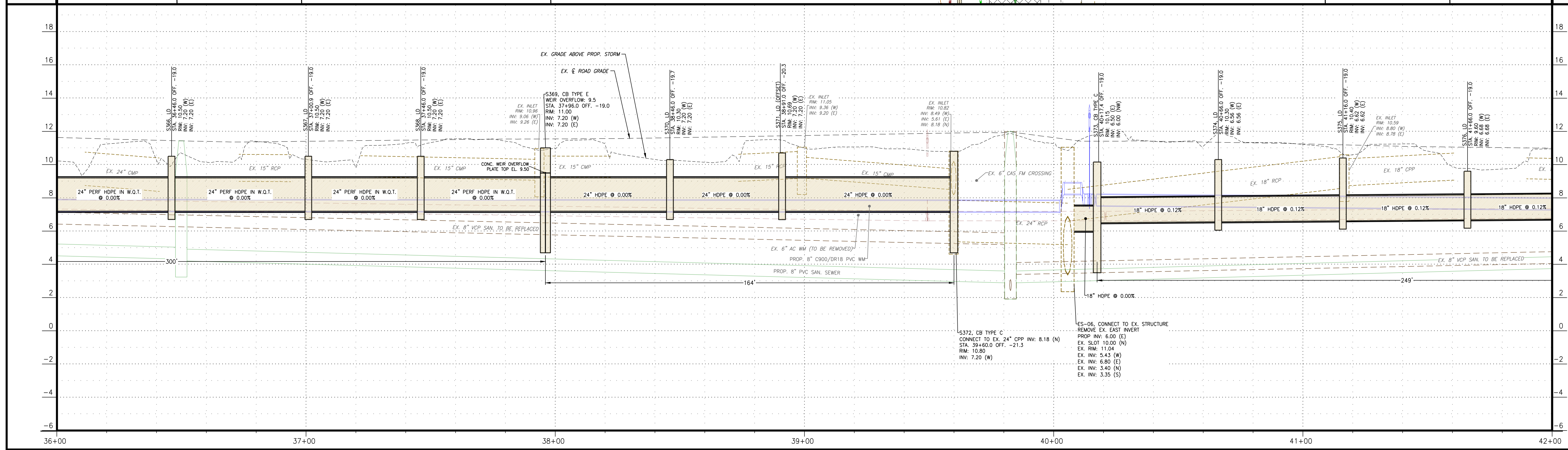
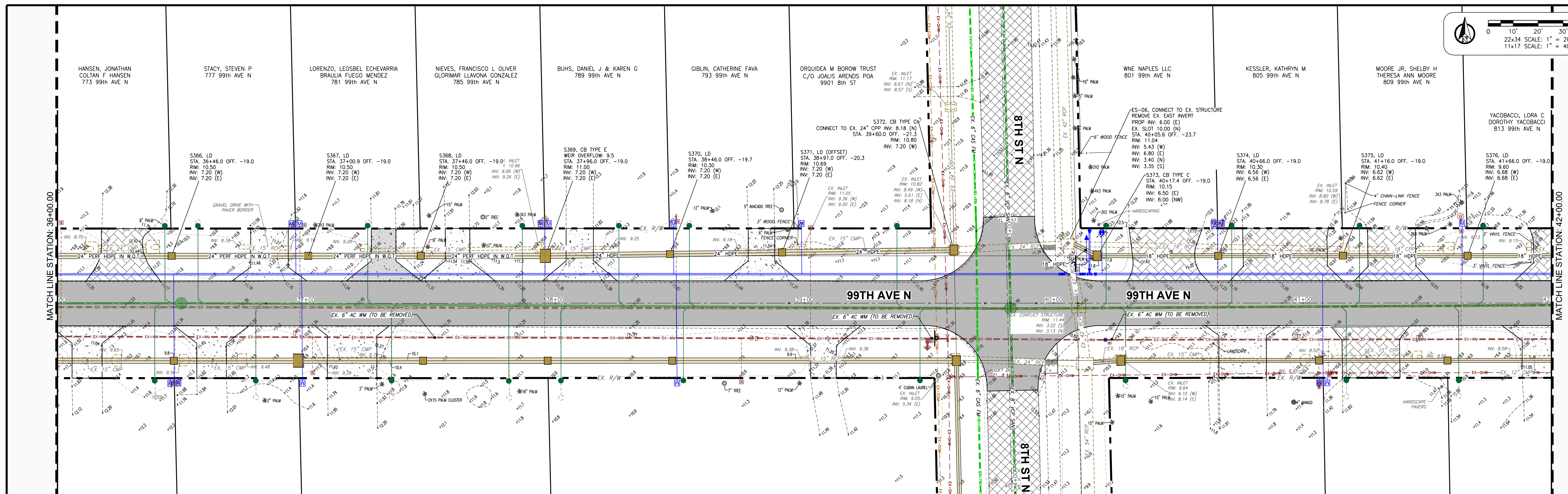
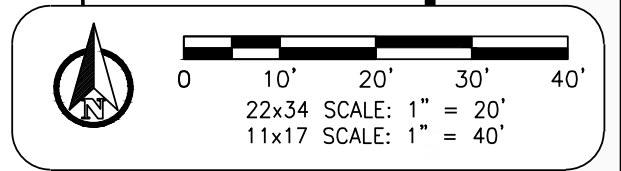
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98th & 99th Avenue North - Public Utilities Renewal
 99TH AVE. N. - NORTH DRAINAGE
 PLAN & PROFILE
 STA. 30+00.00 TO 36+00.00

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
SEC/TWN/RGE: 28/48/25
DATE: MARCH, 2022
SUBMITTAL TYPE: BID
SHEET 53 OF 99

C:\ENGINEERING\PROJ-ENG\CCU285\SUBMITTAL\TYPE\CONSTRUCTION PLANS\98TH & 99TH\CCU285_98TH-99TH - DRAINAGE EXP. 4/21/2023 12:08 PM



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
DRAWN BY: R.A.K.
APPROVED: J.A.F.
JOB CODE: CCU285

22X34 SCALE:
 VERTICAL: 1" = 6'
 HORIZONTAL: 1" = 40'
11X17 SCALE:
 VERTICAL: 1" = 3'
 HORIZONTAL: 1" = 20'

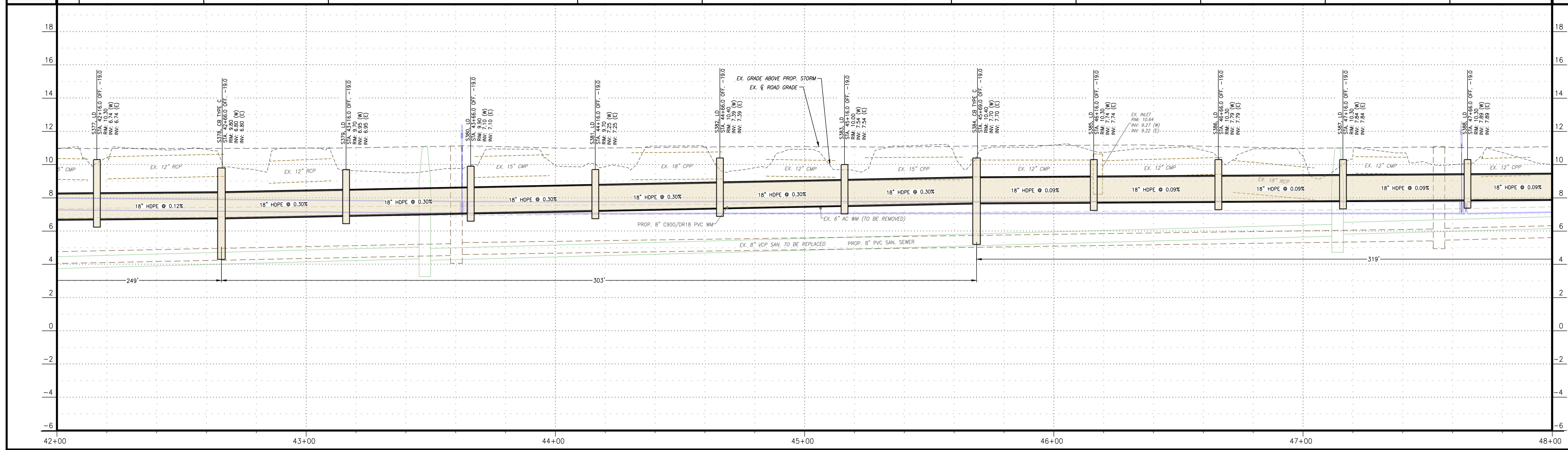
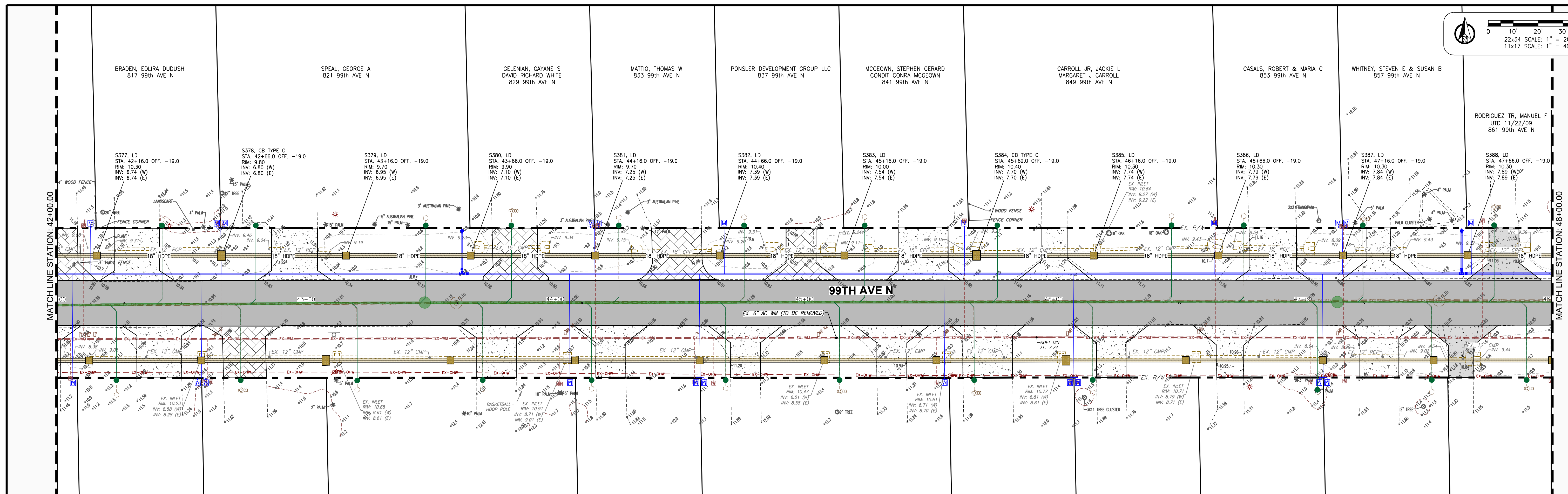
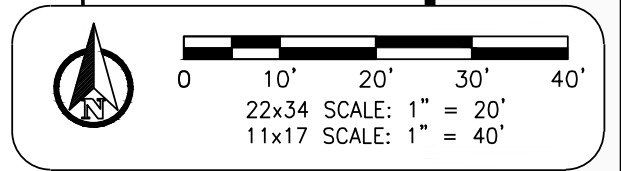
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98th & 99th Avenue North - Public Utilities Renewal
99TH AVE. N. - NORTH DRAINAGE
PLAN & PROFILE
STA. 36+00.00 TO 42+00.00
 ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
SEC/TWN/RGE: 28/48/25
DATE: MARCH, 2022
SUBMITTAL TYPE: BID
SHEET 54 OF 99

JUSTIN A. FREDERIKSEN, P.E.
 FLORIDA P.E. LICENSE NO. 66086

C:\ENGINEERING\PROJ-ENG\CCU285\SUBMITTAL TYPE\CONSTRUCTION PLANS\98TH & 99TH\CCU285_98TH-99TH - DRAINAGE E&P 4/21/2023 12:09 PM



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285

22X34 SCALE:
 VERTICAL 1" = 6'
 HORIZONTAL 1" = 40'
 11X17 SCALE:
 VERTICAL 1" = 3'
 HORIZONTAL 1" = 20'

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98th & 99th Avenue North - Public Utilities Renewal

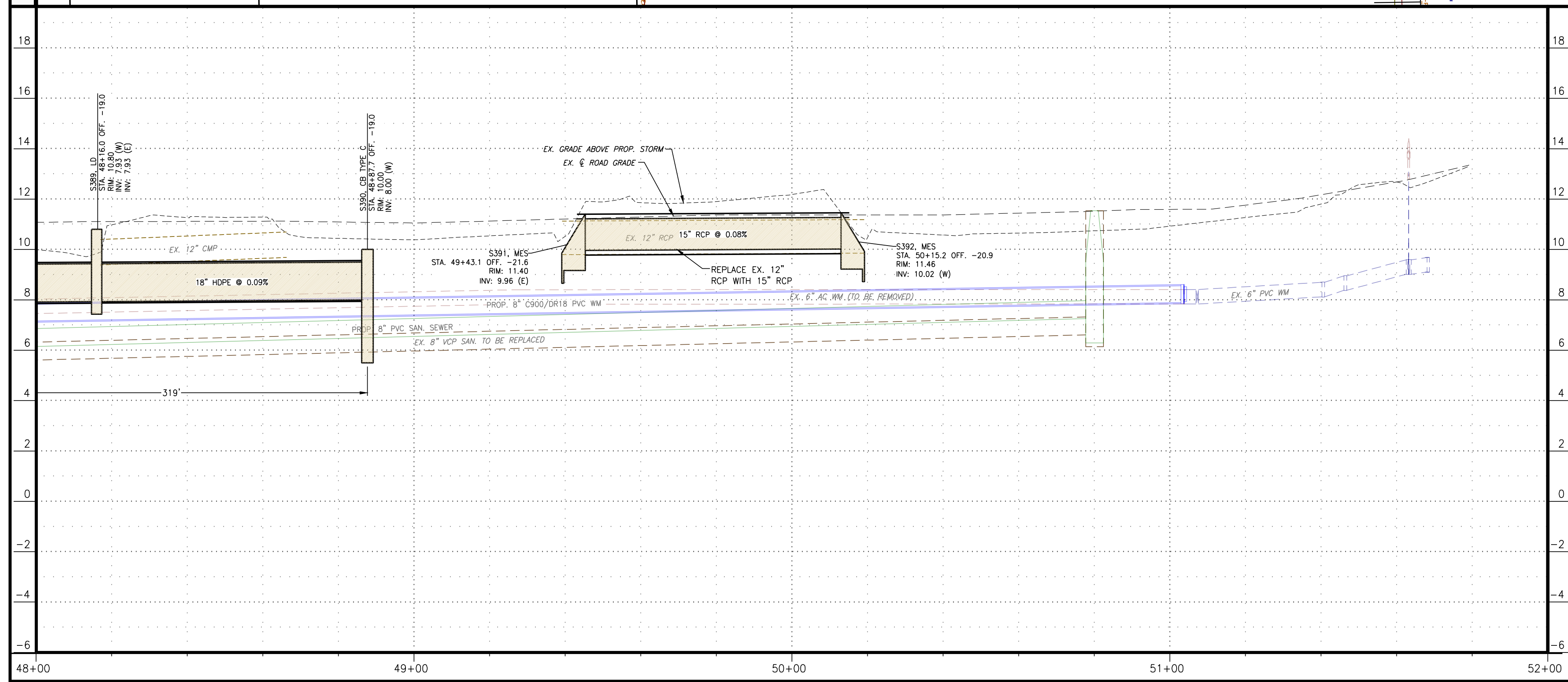
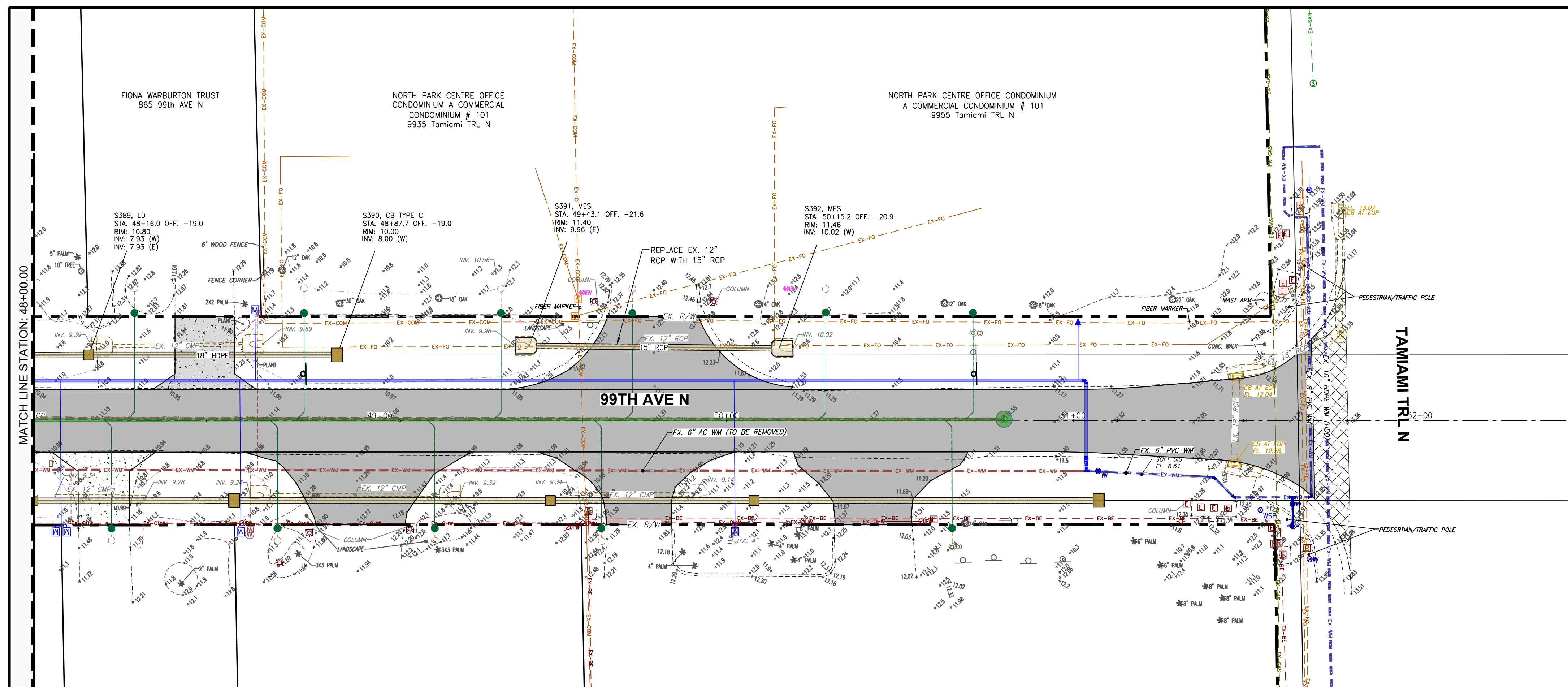
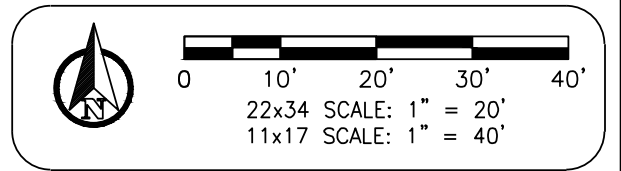
99TH AVE. N. - NORTH DRAINAGE
 PLAN & PROFILE
 STA. 42+00.00 TO 48+00.00

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
 SEC/TWN/RGE: 28/48/25
 DATE: MARCH, 2022
 SUBMITTAL TYPE: BID
 SHEET 55 OF 99

JUSTIN A. FREDERIKSEN, P.E.
 FLORIDA P.E. LICENSE NO. 66066

C:\ENGINEERING\PROJ-ENG\CCU285\SUBMITTAL\TYPE\CONSTRUCTION\PLANS\98TH & 99TH\CCU285_98TH-99TH - DRAINAGE E&P 4/21/2023 12:10 PM



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285
 22X34 SCALE:
 VERTICAL 1" = 6'
 HORIZONTAL 1" = 40'
 11X17 SCALE:
 VERTICAL 1" = 3'
 HORIZONTAL 1" = 20'

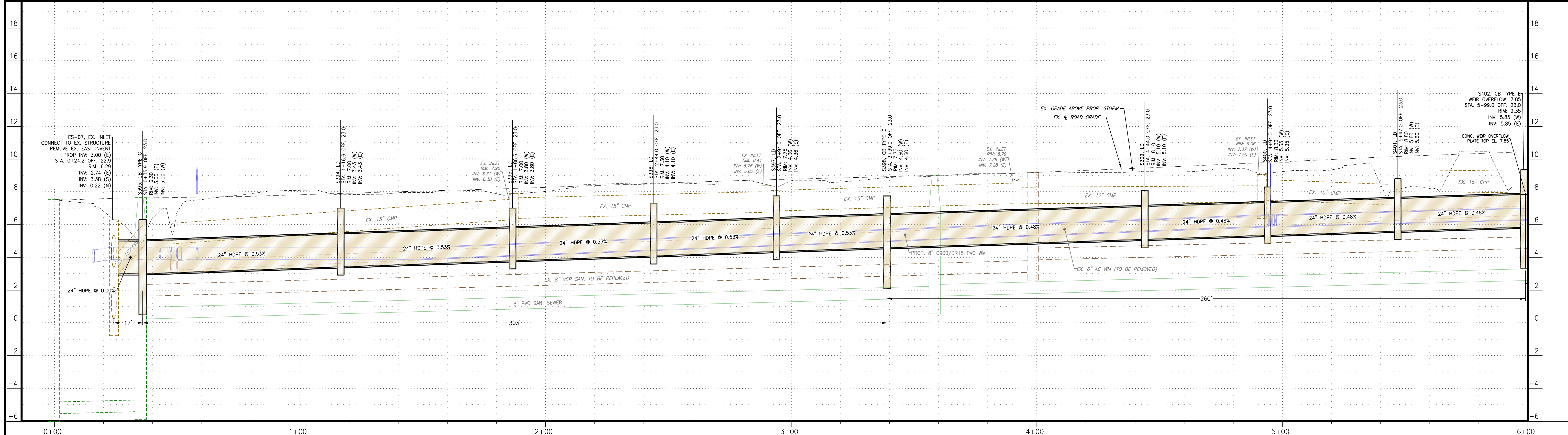
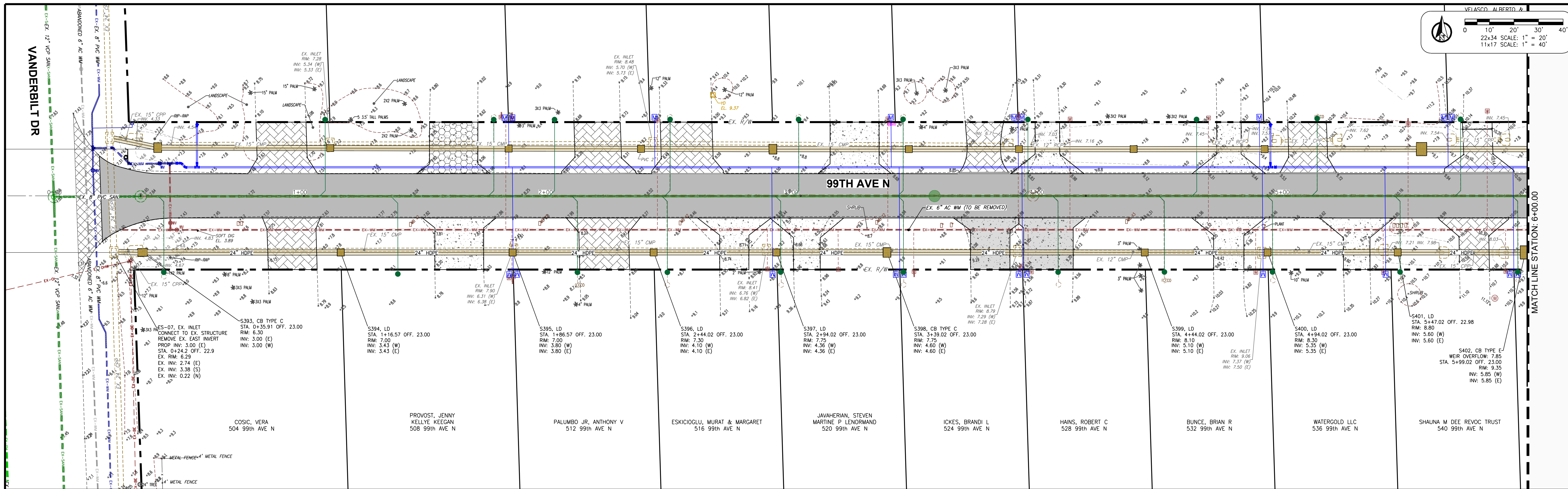
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O. Grady Minor and Associates, P.A.
 3800 Via Del Rey
 Bonita Springs, Florida 34134
 Business LC 26000266

98th & 99th Avenue North - Public Utilities Renewal
99TH AVE. N. - NORTH DRAINAGE
PLAN & PROFILE
STA. 48+00.00 TO 52+00.00
 ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
SEC/TWN/RGE: 28/48/25
DATE: MARCH, 2022
SUBMITTAL TYPE: BID
SHEET 56 OF 99

C:\ENGINEERING\PROJ-ENG\CCU285\SUBMITTAL\CONSTRUCTION PLANS\98TH & 99TH\CCU285_98TH-99TH - DRAINAGE.P&P 4/21/2023 12:11 PM



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285

22X34 SCALE:
 VERTICAL 1" = 6'
 HORIZONTAL 1" = 40'

11X17 SCALE:
 VERTICAL 1" = 3'
 HORIZONTAL 1" = 20'

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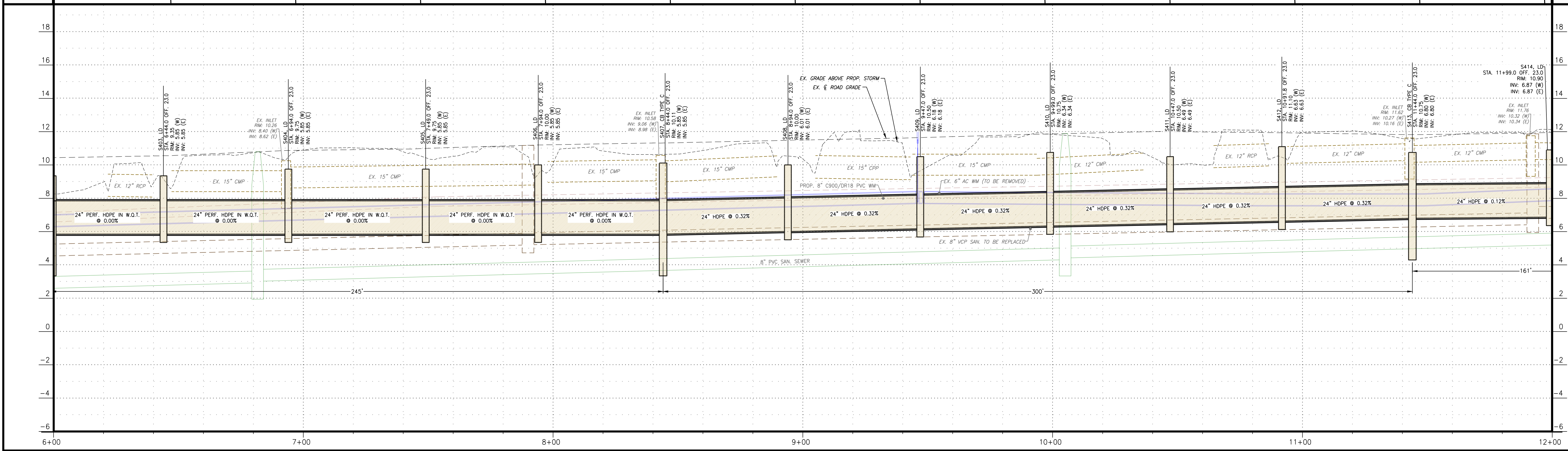
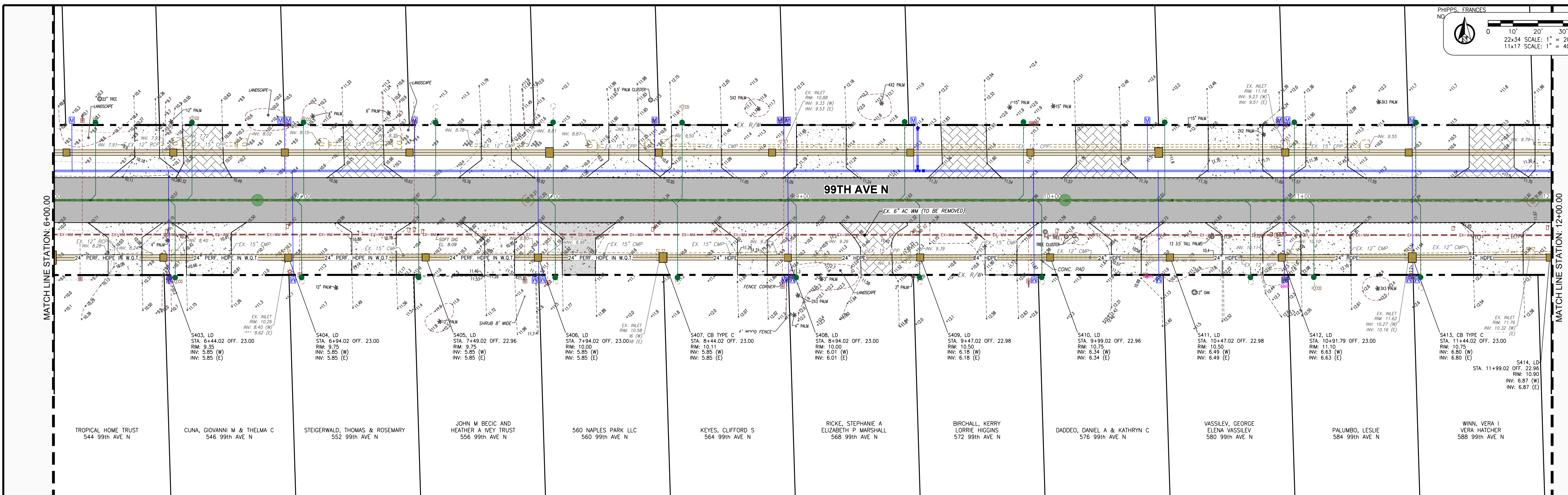
98th & 99th Avenue North - Public Utilities Renewal

99TH AVE. N. - SOUTH DRAINAGE
 PLAN & PROFILE
 STA. 0+00.00 TO 6+00.00

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
SEC/TWN/RGE: 28/48/25
DATE: MARCH, 2022
SUBMITTAL TYPE: BID
SHEET 57 OF 99

CC\ENGINEERING\PROJ-ENG\CCU285\SUBMITTAL\TYPE\CONSTRUCTION\PLANS\98TH & 99TH\CCU285_98TH-99TH - DRAINAGE E&P 4/21/2023 12:12 PM



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285

22X34 SCALE:
 VERTICAL 1" = 6'
 HORIZONTAL 1" = 40'
 11X17 SCALE:
 VERTICAL 1" = 3'
 HORIZONTAL 1" = 20'

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98th & 99th Avenue North - Public Utilities Renewal

99TH AVE. N. - SOUTH DRAINAGE
 PLAN & PROFILE
 STA. 6+00.00 TO 12+00.00

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY:
 COLLIER COUNTY

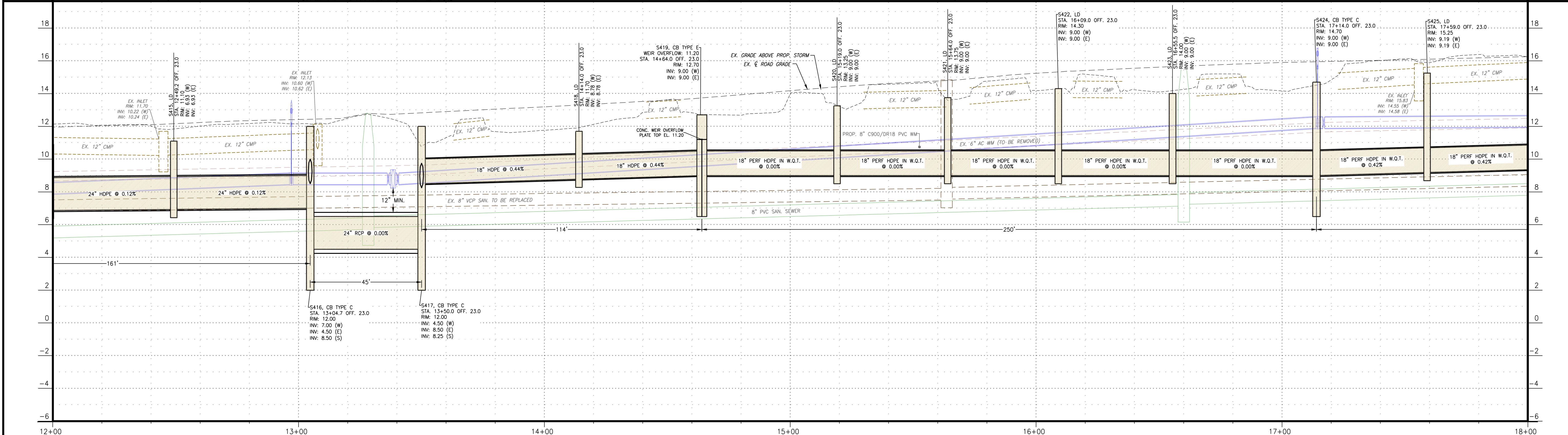
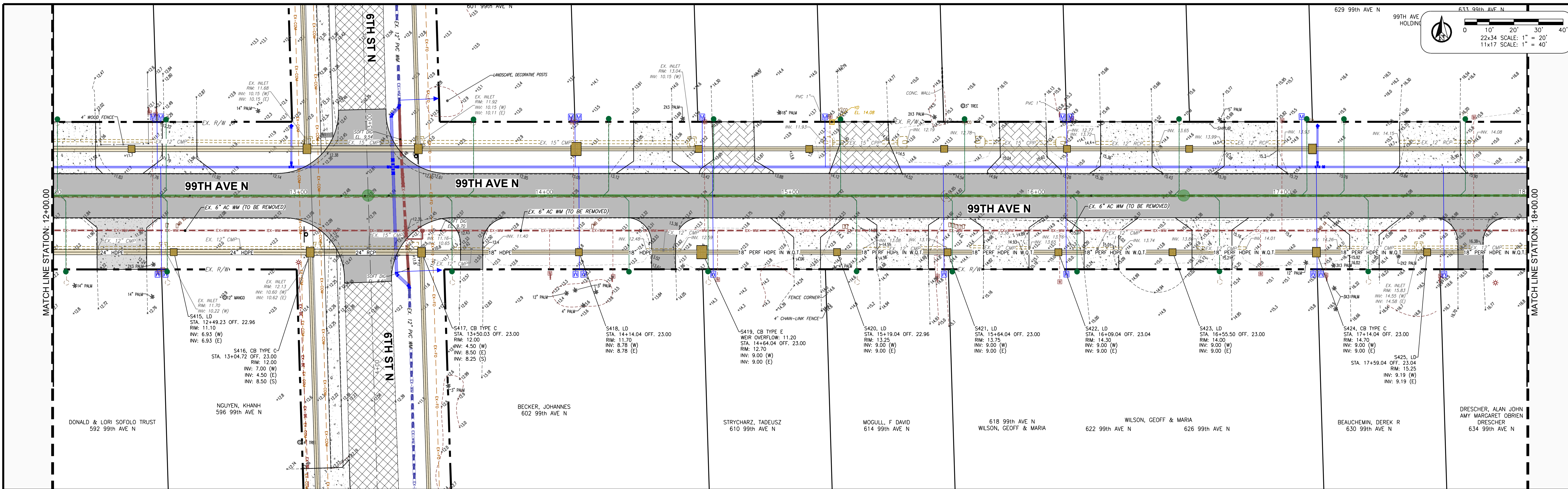
SEC/TWN/RGE:
 28/48/25

DATE:
 MARCH, 2022

SUBMITTAL TYPE:
 BID

SHEET 58 OF 99

JUSTIN A. FREDERIKSEN, P.E.
 FLORIDA P.E. LICENSE NO. 66066



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285

22X34 SCALE:
 VERTICAL 1" = 6'
 HORIZONTAL 1" = 40'
 11X17 SCALE:
 VERTICAL 1" = 3'
 HORIZONTAL 1" = 20'

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 Bonita Springs, Florida 34134
 Business LC 26000266

98th & 99th Avenue North - Public Utilities Renewal

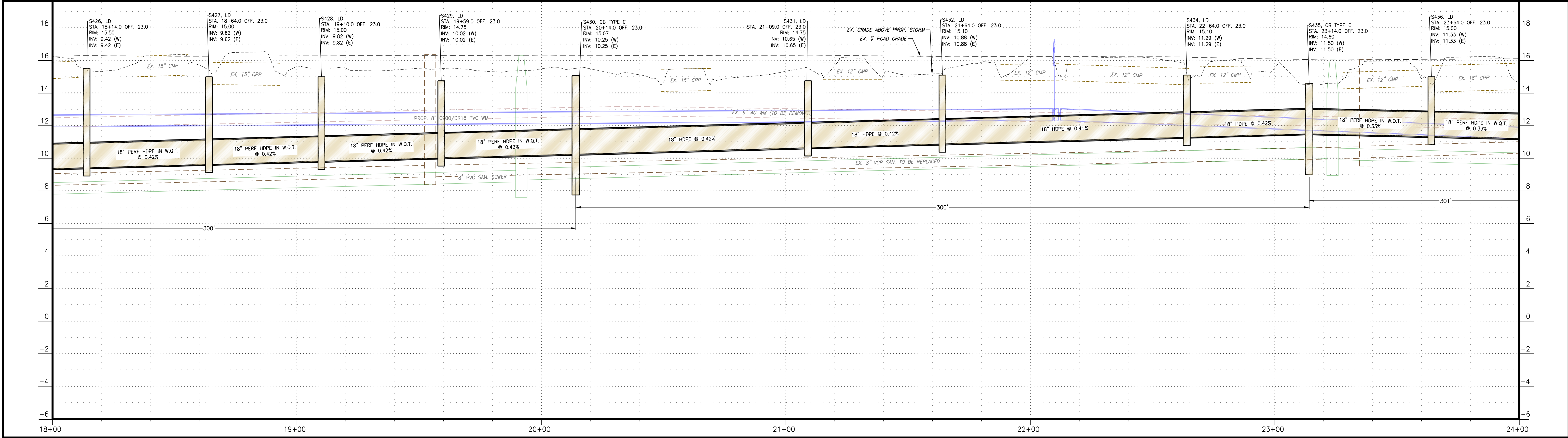
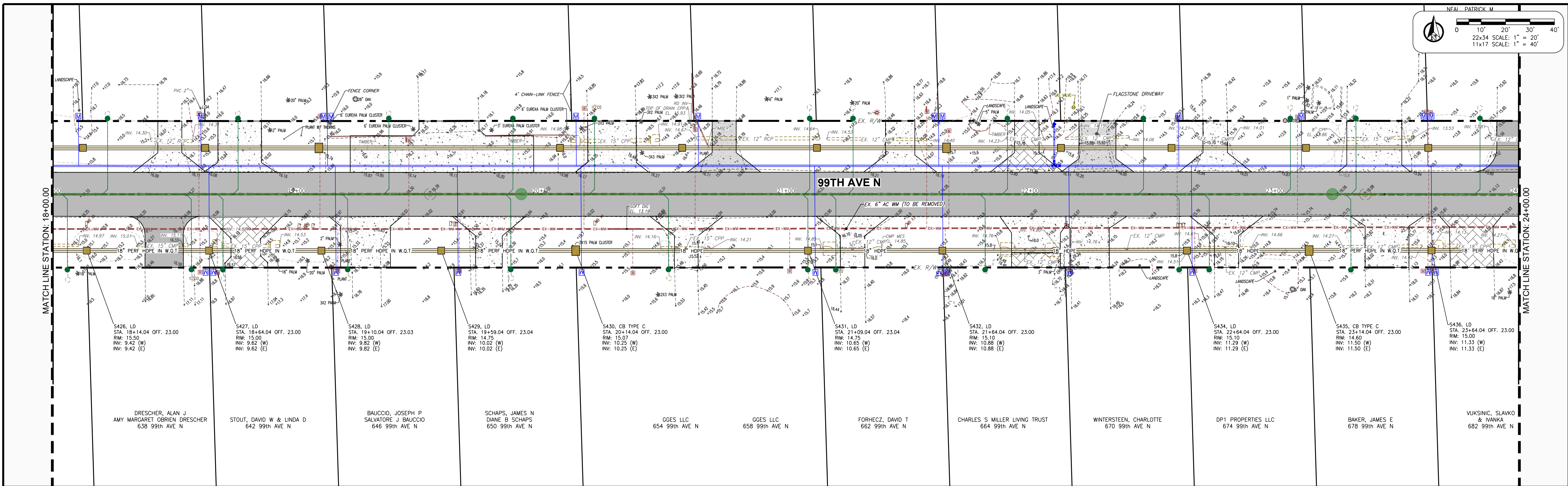
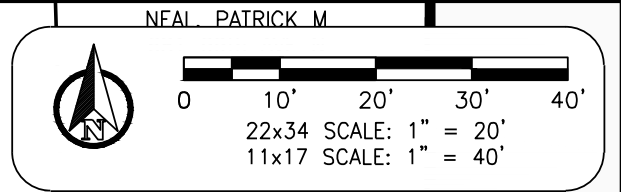
99TH AVE. N. - SOUTH DRAINAGE
PLAN & PROFILE
STA. 12+00.00 TO 18+00.00

ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
 SEC/TWN/RGE: 28/48/25
 DATE: MARCH, 2022
 SUBMITTAL TYPE: BID
 SHEET 59 OF 99

JUSTIN A. FREDERIKSEN, P.E.
 FLORIDA P.E. LICENSE NO. 66086

CCU285 (SUBMITTAL TYPE) CONSTRUCTION PLANS 98TH & 99TH AVE NORTH - PUBLIC UTILITIES RENEWAL - DRAINAGE EX. 4/21/2023 12:15 PM



REVISION	DATE	DESCRIPTION	BY

DESIGNED BY: J.N.D.
 DRAWN BY: R.A.K.
 APPROVED: J.A.F.
 JOB CODE: CCU285
 22X34 SCALE:
 VERTICAL: 1" = 6'
 HORIZONTAL: 1" = 40'
 11X17 SCALE:
 VERTICAL: 1" = 3'
 HORIZONTAL: 1" = 20'


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98th & 99th Avenue North - Public Utilities Renewal
99TH AVE. N. - SOUTH DRAINAGE
PLAN & PROFILE
STA. 18+00.00 TO 24+00.00
 ELEVATIONS SHOWN HEREON ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29)
 CONVERSION FACTOR TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) IS (-) 1.237

MUNICIPALITY: COLLIER COUNTY
 SEC/TWN/RGE: 28/48/25
 DATE: MARCH, 2022
 SUBMITTAL TYPE: BID
 SHEET 60 OF 99
 JUSTIN A. FREDERIKSEN, P.E.
 FLORIDA P.E. LICENSE NO. 66086

C:\ENGINEERING\PROJ-ENG\CCU285\SUBMITTAL\TYPE CONSTRUCTION PLANS\98TH & 99TH\CCU285_98TH-99TH - DRAINAGE E&P 4/21/2023 12:16 PM