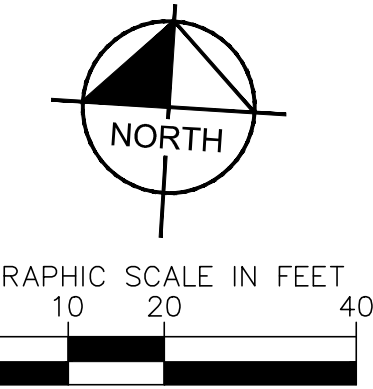
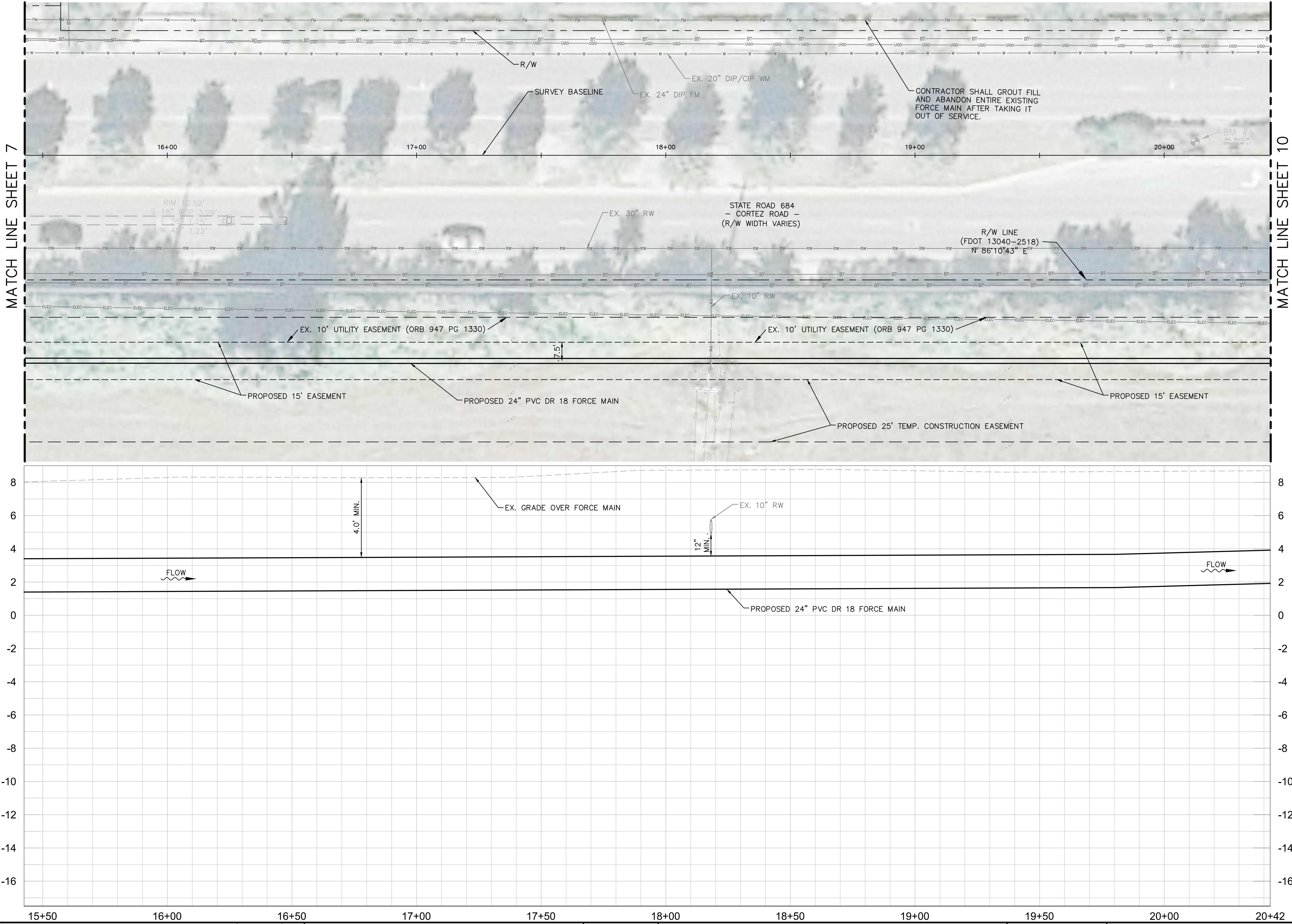


By:Kender, Madeline Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:9 September 06, 2016 05:02:07pm K:\tom_civil\148400 -- manatee county\003 -- force main 1m rehabilitation\CADD\plansheets\C-0.7 CORTEZ PLAN & PROFILE.dwg

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MATCH LINE SHEET 7

MATCH LINE SHEET 10

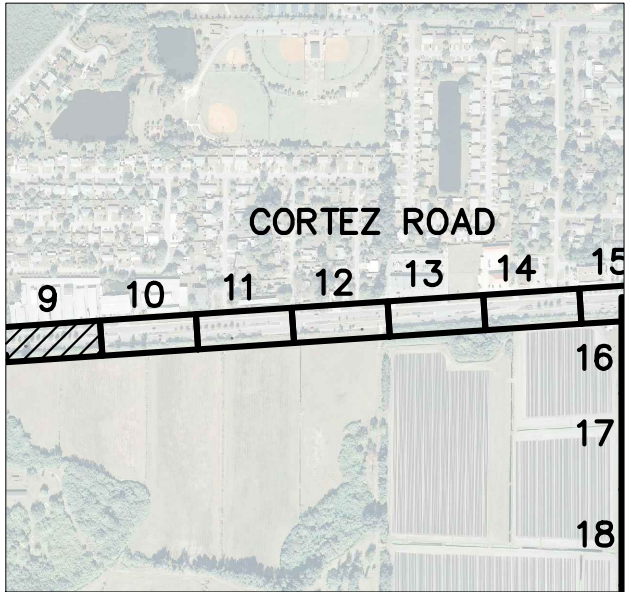


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. REFER TO SHEET 2 FOR SUE INFORMATION

KEY SHEET



GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.



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WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT
148400003

DATE
SEPT 2016

SCALE AS SHOWN

DESIGNED BY AMM

DRAWN BY JRT

CHECKED BY WWW

FORCE MAIN 1M
REHABILITATION

MANATEE COUNTY

LICENSED PROFESSIONAL

W. WADE WOOD, P.E.

FL LICENSE NUMBER
69051

PLAN & PROFILE (CORTEZ)

SHEET NUMBER

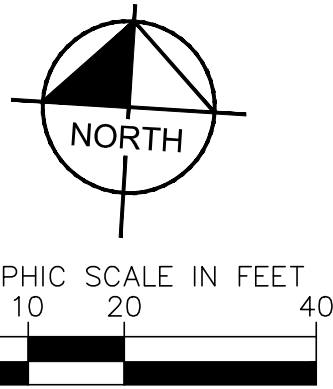
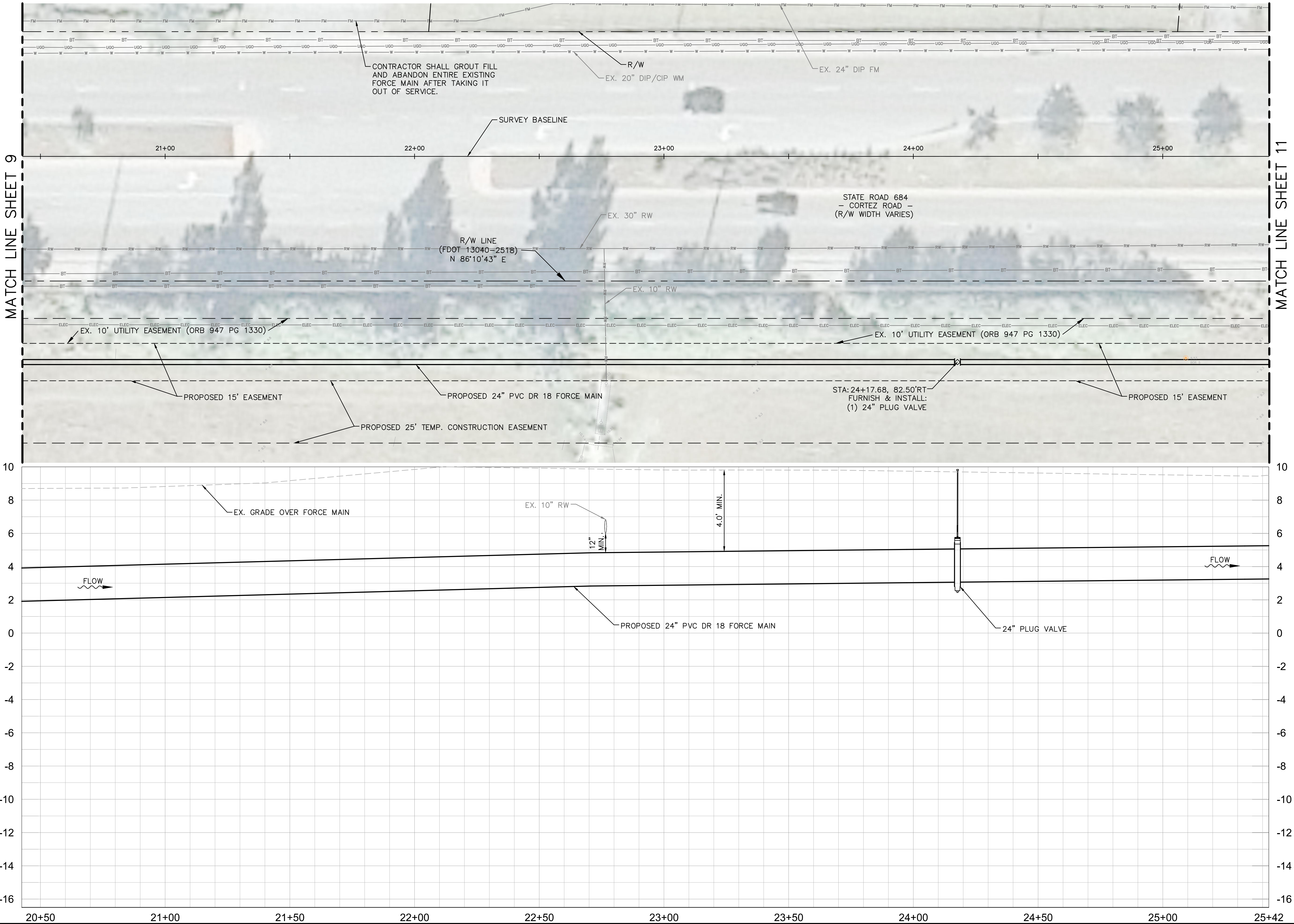
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K:\man_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.7 CORTEZ PLAN & PROFILE.dwg

Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:10 September 06, 2016 05:02:43pm

By:Kender, Madeline

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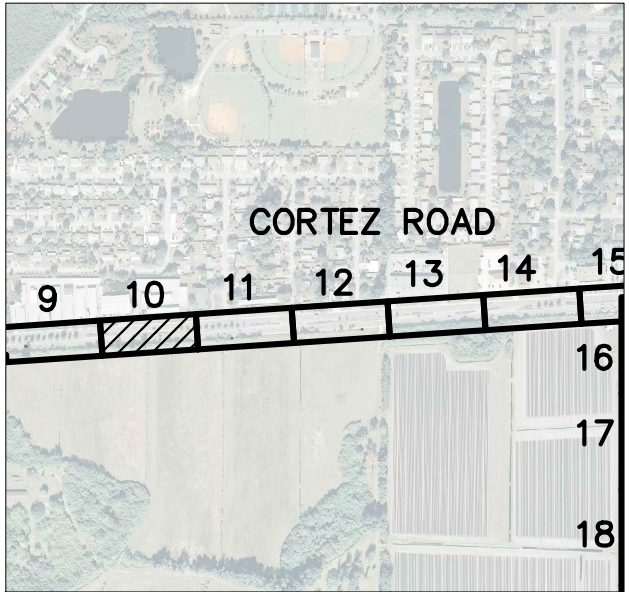


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. REFER TO SHEET 2 FOR SUE INFORMATION

KEY SHEET



GROUNDWATER / DEWATERING NOTE:
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148400003
DATE
SEPT 2016
SCALE AS SHOWN
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DRAWN BY JRT
CHECKED BY WWW



**FORCE MAIN 1M
REHABILITATION**

MANATEE COUNTY

LICENSED PROFESSIONAL

W. WADE WOOD, P.E.

FL LICENSE NUMBER
69051

FL DATE:

PLAN & PROFILE (CORTEZ)

SHEET NUMBER

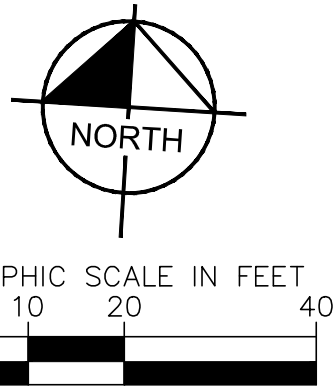
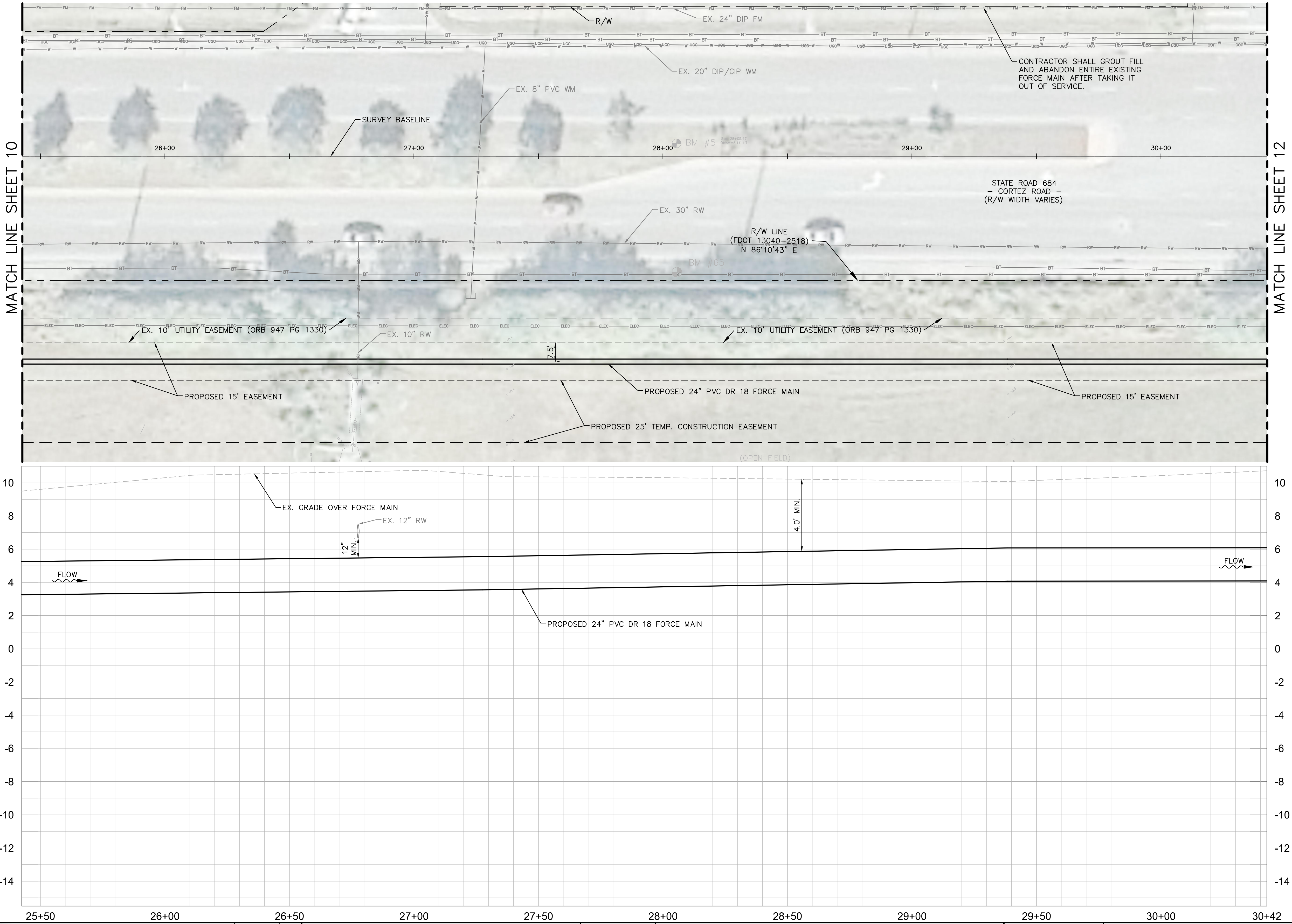
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K:\tom_civil\148400 - monatee county\003 - force main 1m rehabilitation\CADD\plansheets\0-0.7 CORTEZ PLAN & PROFILE.dwg

Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:11 September 06, 2016 05:06:29pm

By:Kender, Madeline

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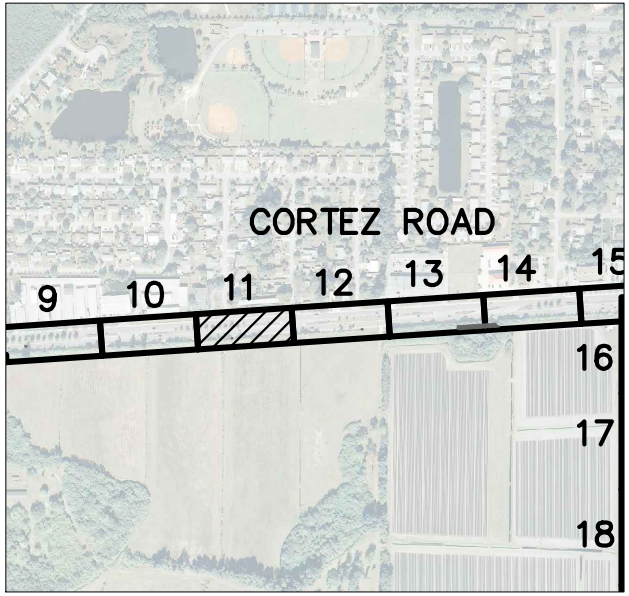


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. REFER TO SHEET 2 FOR SUE INFORMATION

KEY SHEET



GROUNDWATER / DEWATERING NOTE:
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SEPT 2016
SCALE AS SHOWN
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FORCE MAIN 1M REHABILITATION

MANATEE COUNTY

LICENSED PROFESSIONAL

W. WADE WOOD, P.E.

FL LICENSE NUMBER
69051

FL DATE:

PLAN & PROFILE (CORTEZ)

SHEET NUMBER

11

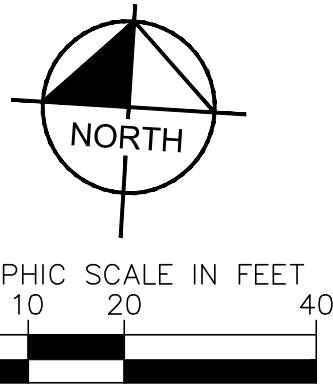
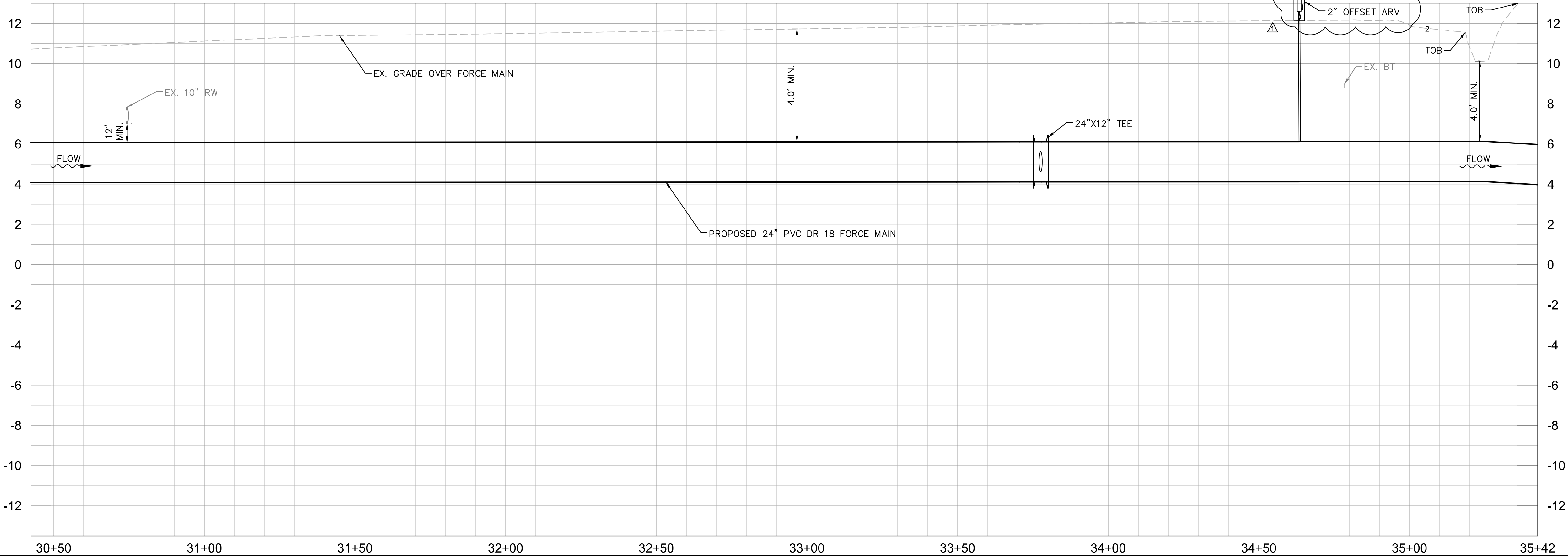
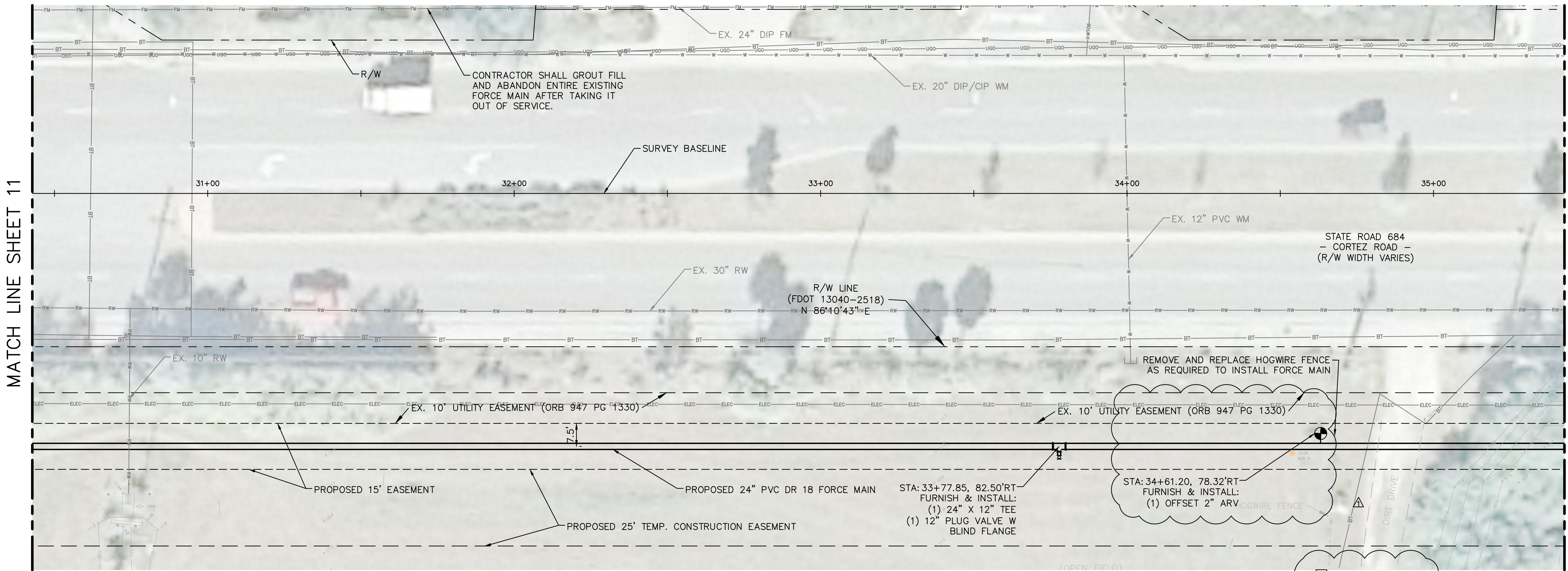
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By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FMM REHABILITATION Layout:12 February 17, 2017 10:21:33am

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MATCH LINE SHEET 11

MATCH LINE SHEET 13

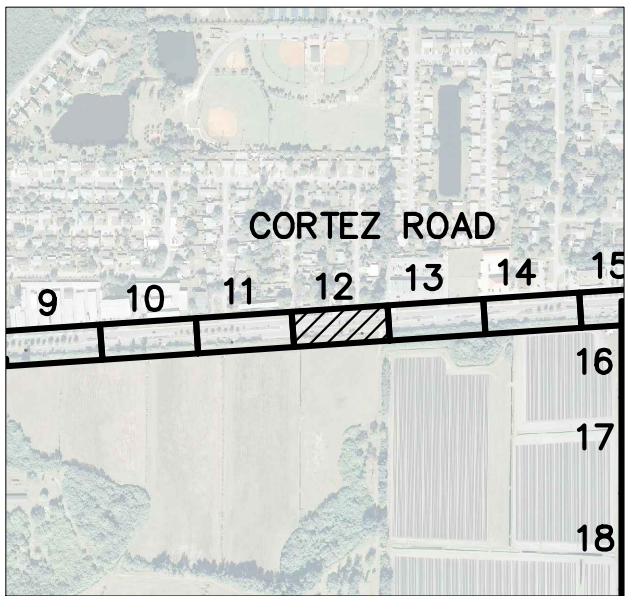


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. REFER TO SHEET 2 FOR SUE INFORMATION

KEY SHEET



GROUNDWATER /
DEWATERING NOTE:

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KHA PROJECT
148400003
DATE
SEPT 2016
SCALE AS SHOWN
DESIGNED BY AMM
DRAWN BY JRT
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**FORCE MAIN 1M
REHABILITATION**

MANATEE COUNTY

LICENSED PROFESSIONAL

W. WADE WOOD, P.E.

FL LICENSE NUMBER
69051

FL DATE:

PLAN & PROFILE (CORTEZ)

SHEET NUMBER

12

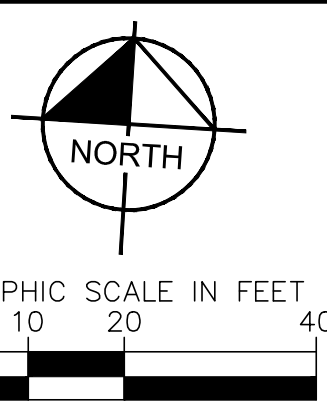
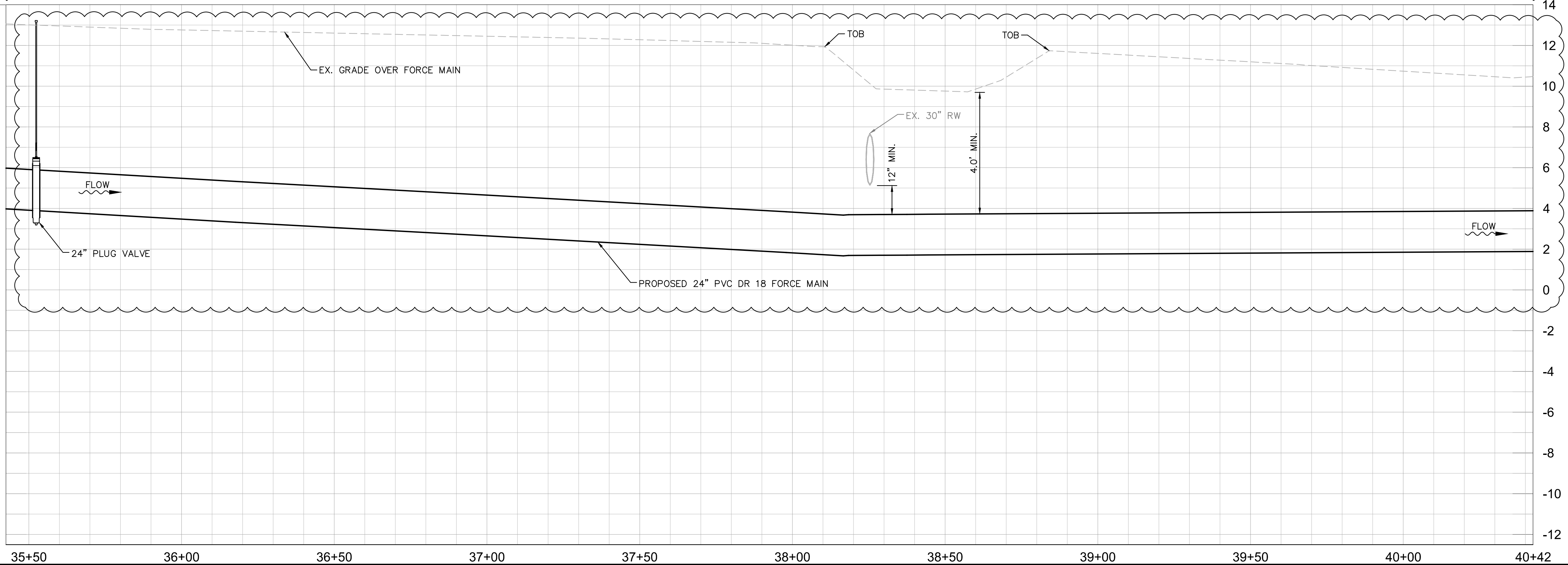
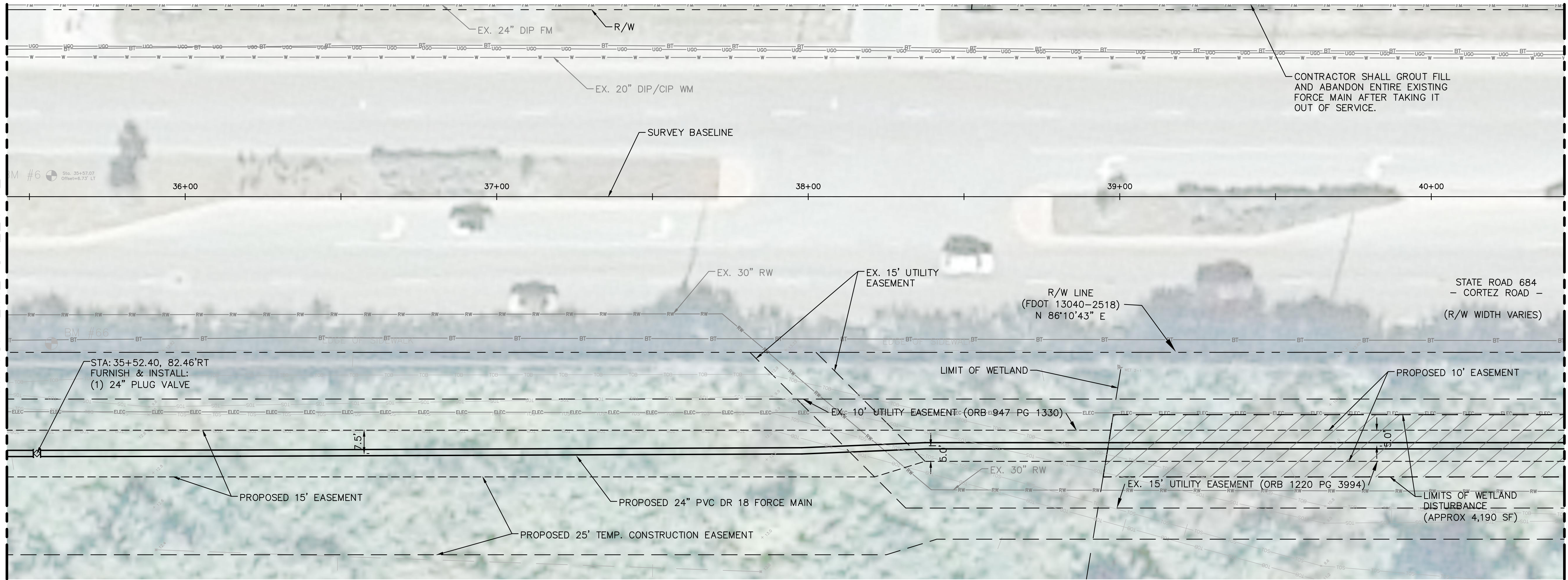
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By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FMM REHABILITATION Layout:13 February 17, 2017 10:22:10am

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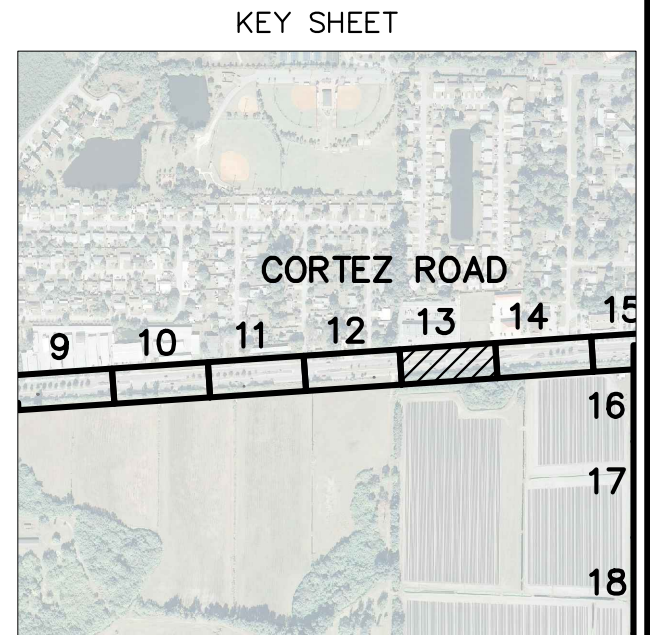
MATCH LINE SHEET 12

MATCH LINE SHEET 14



HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:
1. REFER TO SHEET 2 FOR SUE INFORMATION



GROUNDWATER / DEWATERING NOTE:
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△	ADDENDUM 4		02/03/2017	WWW
No.	REVISIONS		DATE	BY



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KHA PROJECT 148400003
DATE SEPT 2016
SCALE AS SHOWN
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CHECKED BY WWW



**FORCE MAIN 1M
REHABILITATION**

MANATEE COUNTY

LICENSED PROFESSIONAL
W. WADE WOOD, P.E.
FL LICENSE NUMBER 69051

PLAN & PROFILE (CORTEZ)

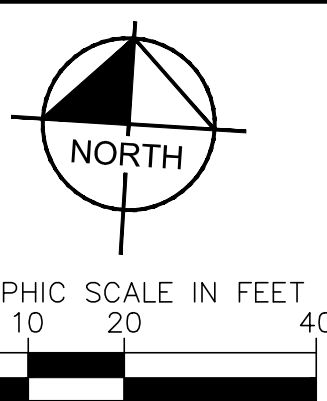
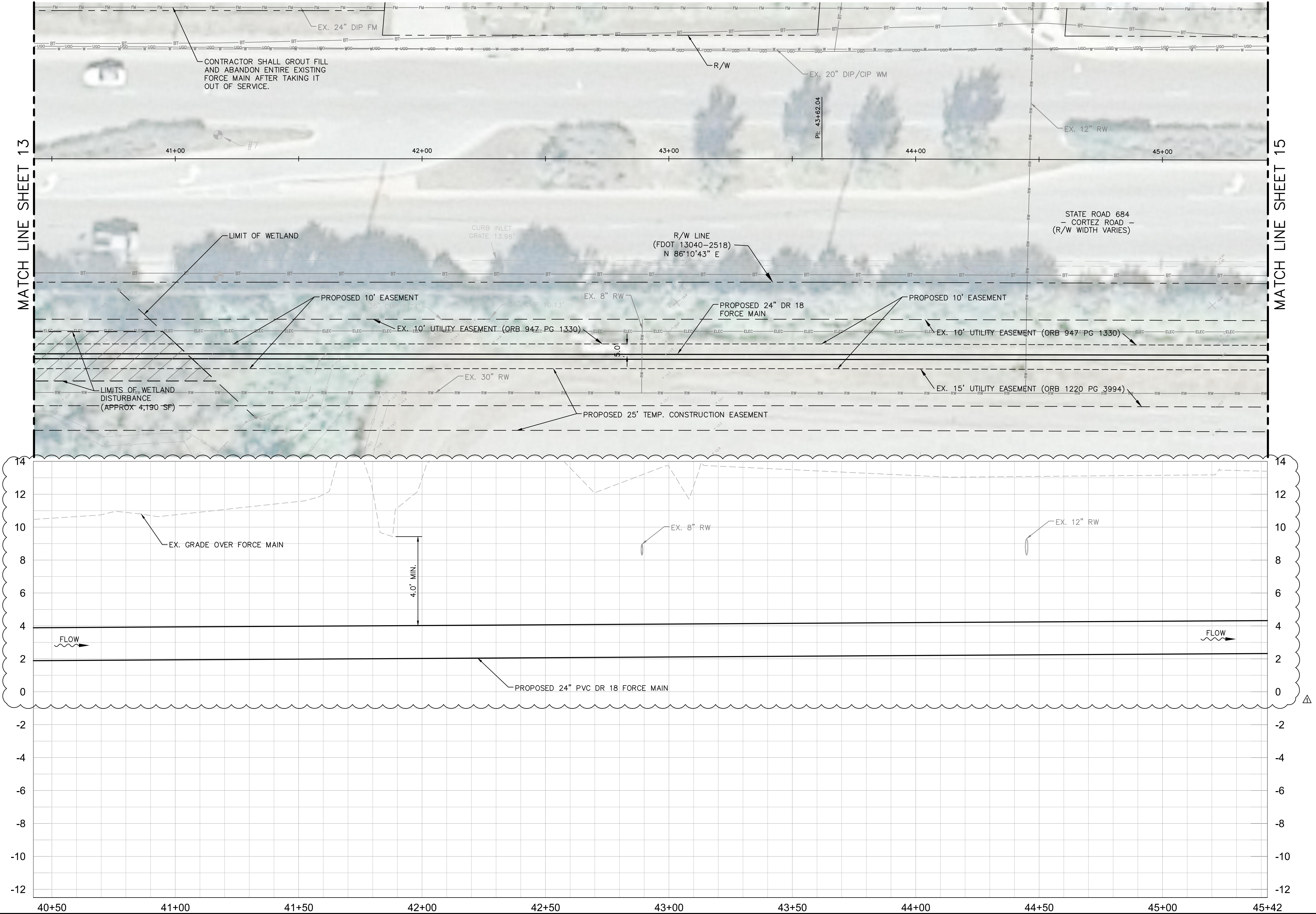
SHEET NUMBER
13

By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FMM REHABILITATION Layout:14 February 17, 2017 10:22:41am K:\tom_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.7 CORTEZ PLAN & PROFILE.dwg

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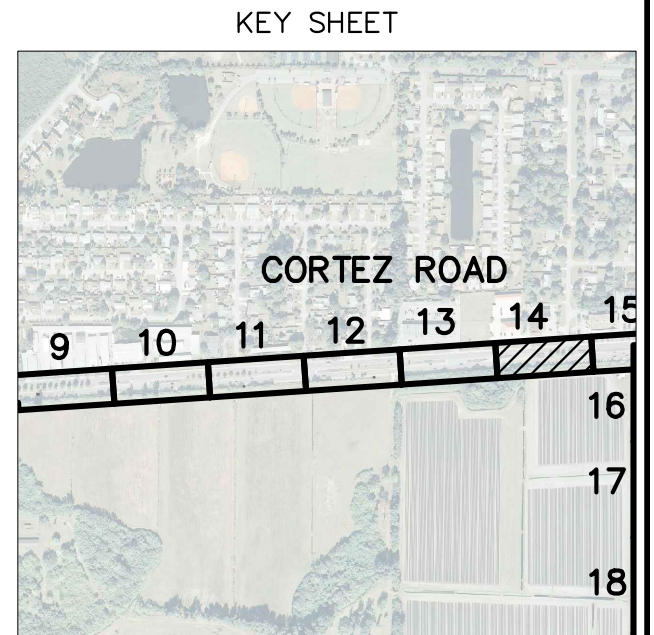
MATCH LINE SHEET 13

MATCH LINE SHEET 15



HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:
1. REFER TO SHEET 2 FOR SUE INFORMATION



GROUNDWATER / DEWATERING NOTE:
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△	ADDENDUM 4	02/03/2017	WWW
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KHA PROJECT 148400003
DATE SEPT 2016
SCALE AS SHOWN
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CHECKED BY WWW

**FORCE MAIN 1M
REHABILITATION**

MANATEE COUNTY

LICENSED PROFESSIONAL

W. WADE WOOD, P.E.

FL LICENSE NUMBER
69051

FL DATE:

PLAN & PROFILE (CORTEZ)

SHEET NUMBER

14

K:\tom_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.7 CORTEZ PLAN & PROFILE.dwg

By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FMM REHABILITATION Layout:15 February 17, 2017 10:23:20am

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MATCH LINE SHEET 14

16

14

12

10

8

6

4

2

0

-2

-4

-6

-8

-10

45+50

46+00

46+50

47+00

47+50

48+00

48+50

49+00

49+50

50+00

50+42

	ADDENDUM 4		02/03/2017	WWW
No.	REVISIONS		DATE	BY

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KHA PROJECT 1484000003
DATE SEPT 2016
SCALE AS SHOWN
DESIGNED BY AMM
DRAWN BY JRT
CHECKED BY WWW

MANATEE COUNTY



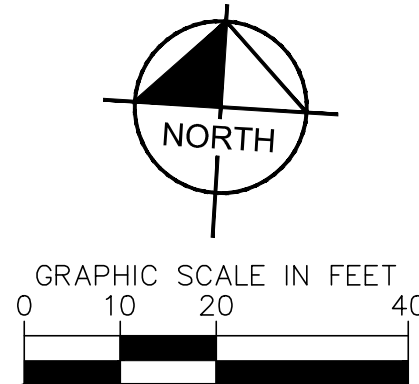
**FORCE MAIN 1M
REHABILITATION**

LICENSED PROFESSIONAL
W. WADE WOOD, P.E.
FL LICENSE NUMBER 69051
FL DATE:

PLAN & PROFILE (CORTEZ)

SHEET NUMBER

15

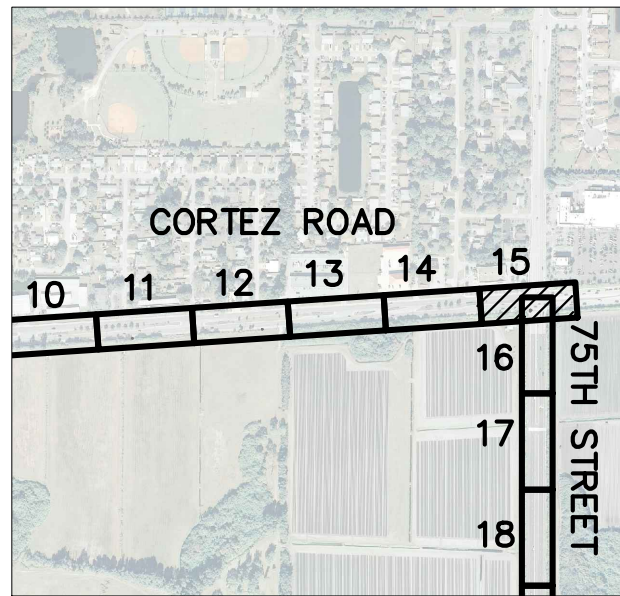


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. REFER TO SHEET 2 FOR
SUE INFORMATION

KEY SHEET



**GROUNDWATER /
DEWATERING NOTE:**

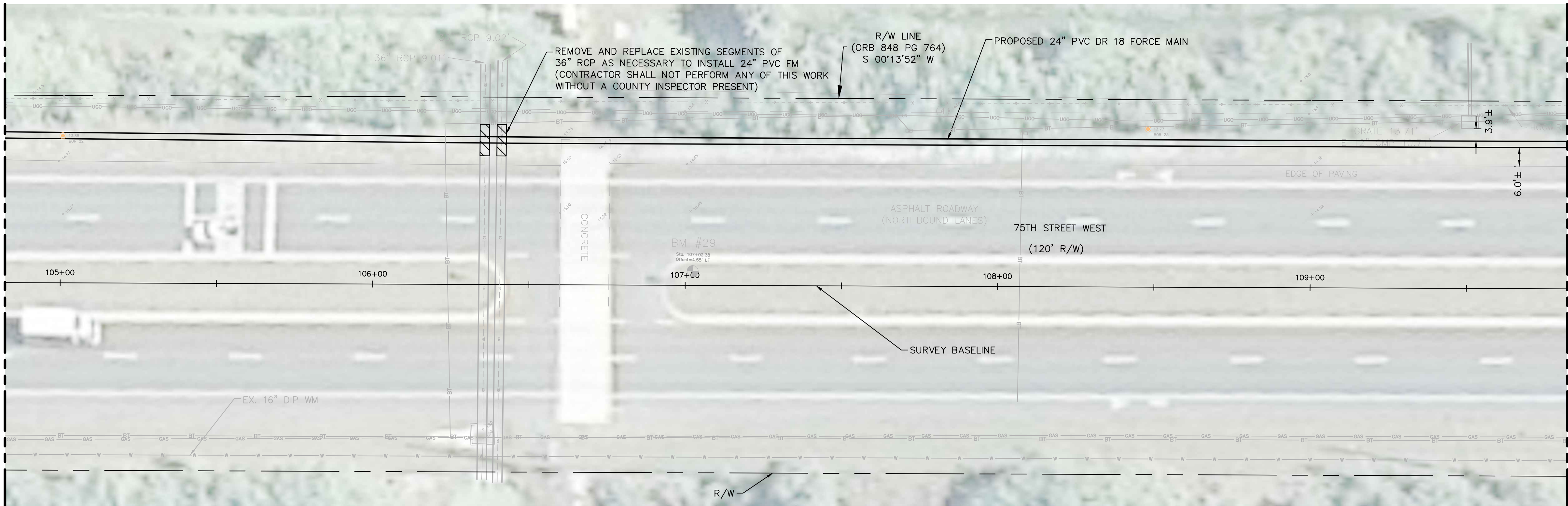
THE PRESENCE OF GROUNDWATER
SHOULD BE ANTICIPATED ON THIS
PROJECT. CONTRACTOR'S BID SHALL
INCLUDE CONSIDERATION FOR THIS
ISSUE. WHEN PERFORMING GRADING
OPERATIONS DURING PERIODS OF WET
WEATHER, PROVIDE ADEQUATE
DEWATERING, DRAINAGE AND GROUND
WATER MANAGEMENT TO CONTROL
MOISTURE OF SOILS.



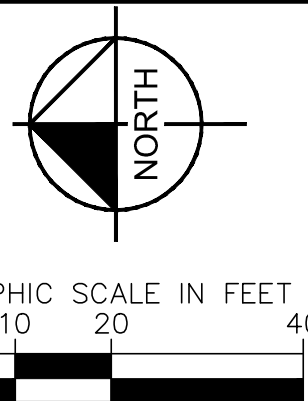
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By: Ecker, Sarah Sheet Set: MANATEE COUNTY FMM REHABILITATION Layout: 17 August 30, 2016 12:16:13pm K:\tom_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.5 75th PLAN & PROFILE.dwg

MATCH LINE SHEET 16



MATCH LINE SHEET 18

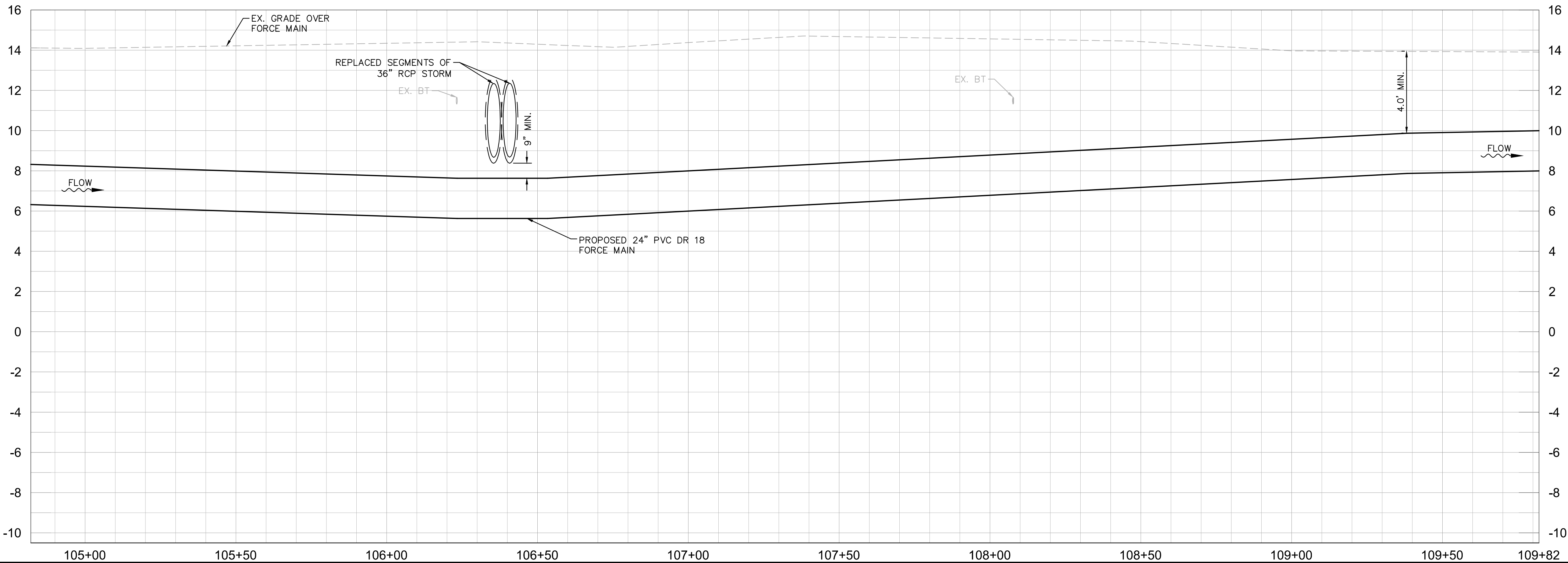
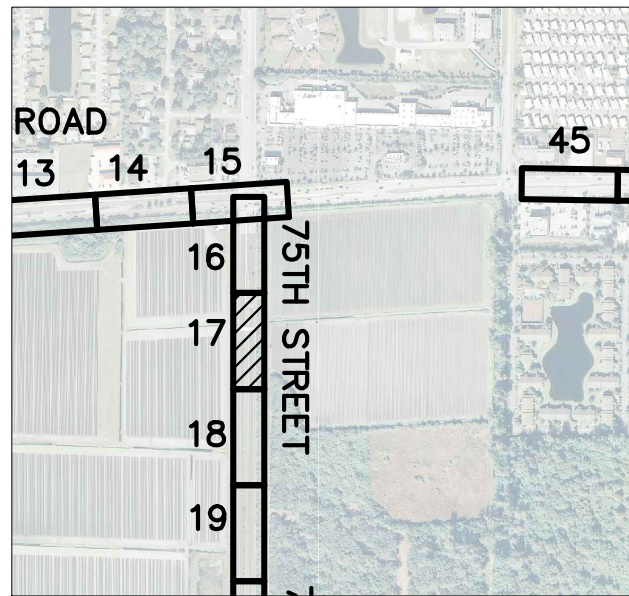


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. REFER TO SHEET 2 FOR SUE INFORMATION
2. CONTRACTOR TO TAKE PRECAUTION WHEN CONSTRUCTING FORCE MAIN AROUND INLET STRUCTURES TO PREVENT UNDER MINING.
3. CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNER TO ISOLATE FLOWS THROUGH STORM PIPE PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL REFER TO FDOT INDEX 280 FOR REMOVAL AND REPLACEMENT OF RCP.

KEY SHEET



GROUNDWATER / DEWATERING NOTE:

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KHA PROJECT
148400003
DATE
SEPT 2016
SCALE AS SHOWN
DESIGNED BY AMM
DRAWN BY JRT
CHECKED BY WWW



FORCE MAIN 1M
REHABILITATION

MANATEE COUNTY

LICENSED PROFESSIONAL

W. WADE WOOD, P.E.

FL LICENSE NUMBER
69051

PLAN & PROFILE (75TH STREET)

SHEET NUMBER

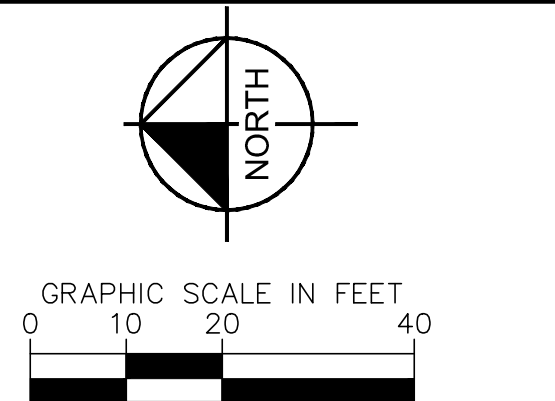
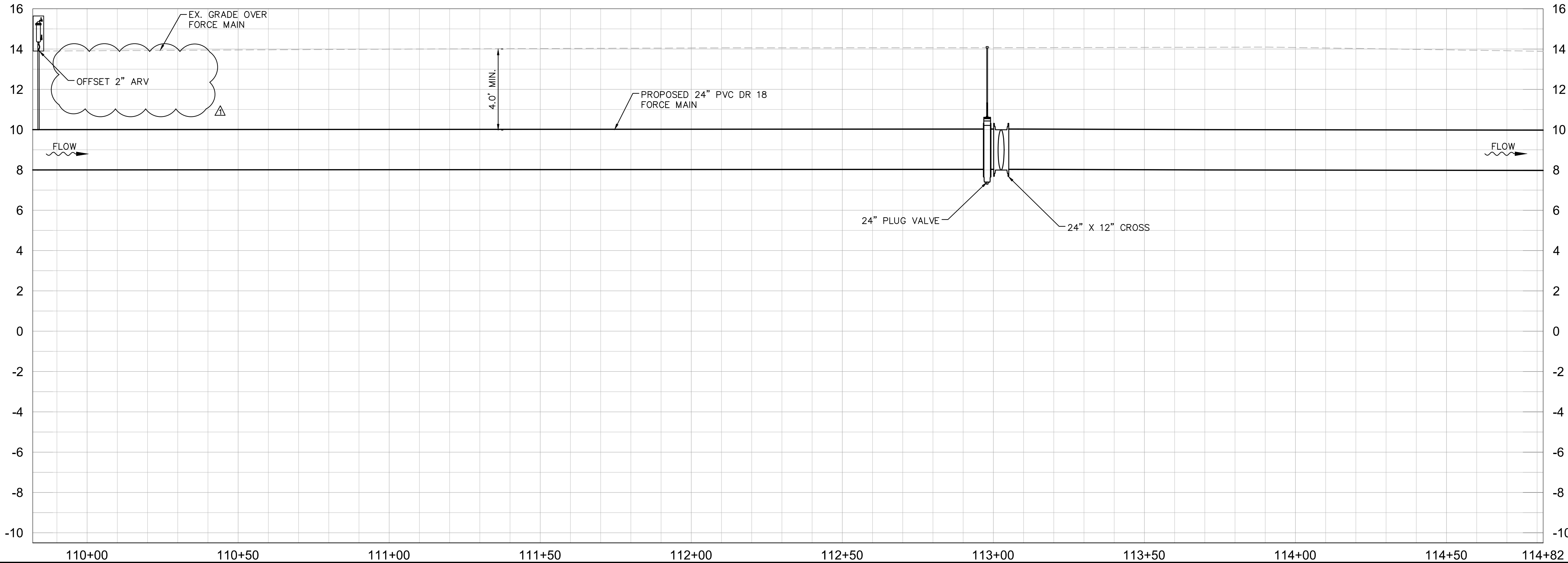
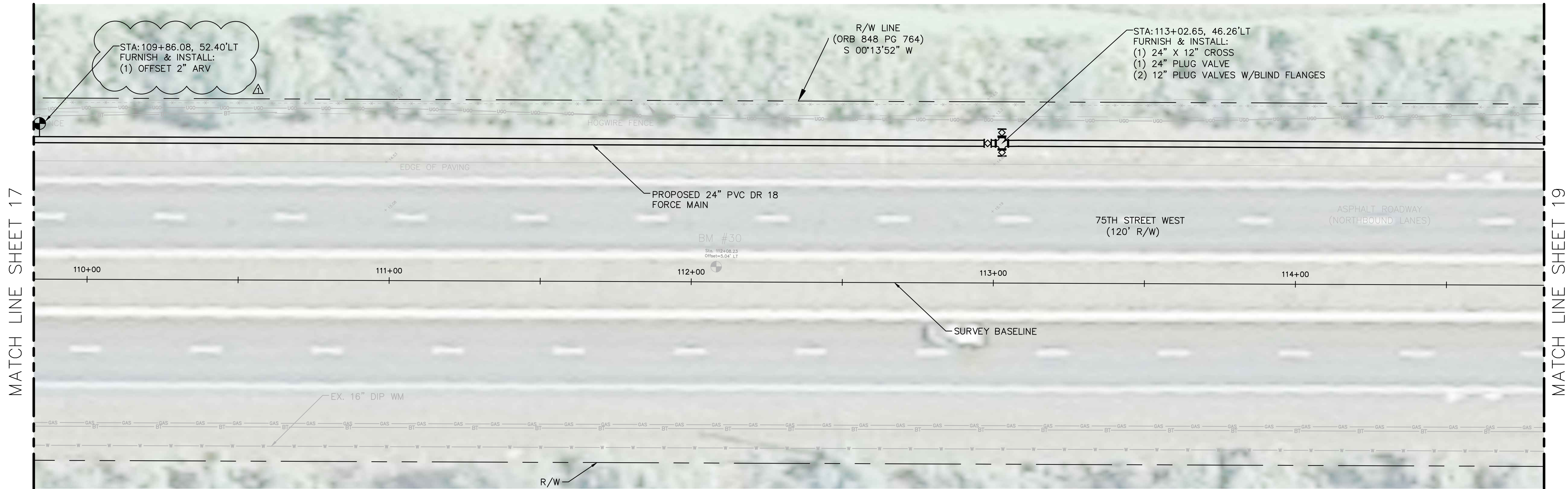
17

By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FMM REHABILITATION Layout:18 February 17, 2017 10:28:42am K:\tom_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\0-0.5 75th PLAN & PROFILE.dwg

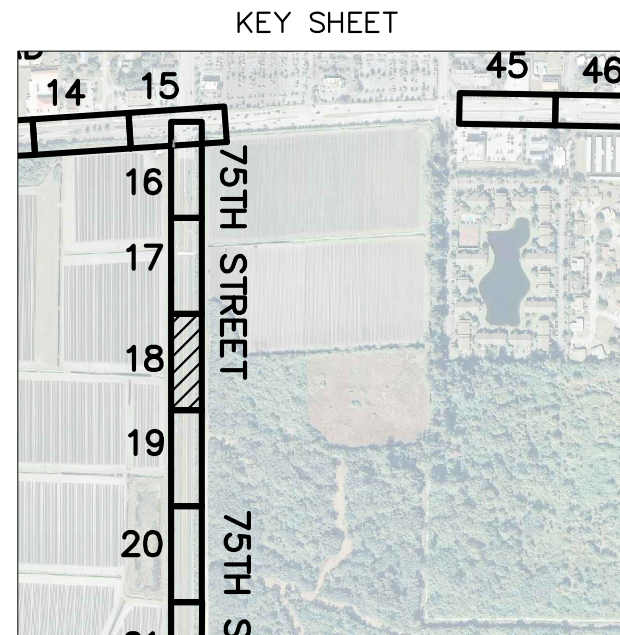
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MATCH LINE SHEET 17

MATCH LINE SHEET 19



- HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'
- NOTES:
1. REFER TO SHEET 2 FOR SUE INFORMATION
 2. CONTRACTOR TO TAKE PRECAUTION WHEN CONSTRUCTING FORCE MAIN AROUND INLET STRUCTURES TO PREVENT UNDER MINING.



GROUNDWATER / DEWATERING NOTE:
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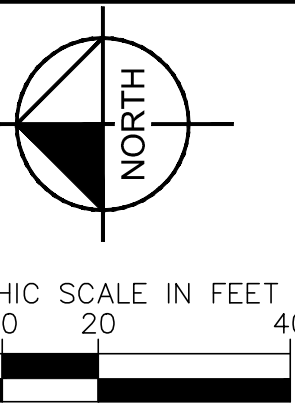
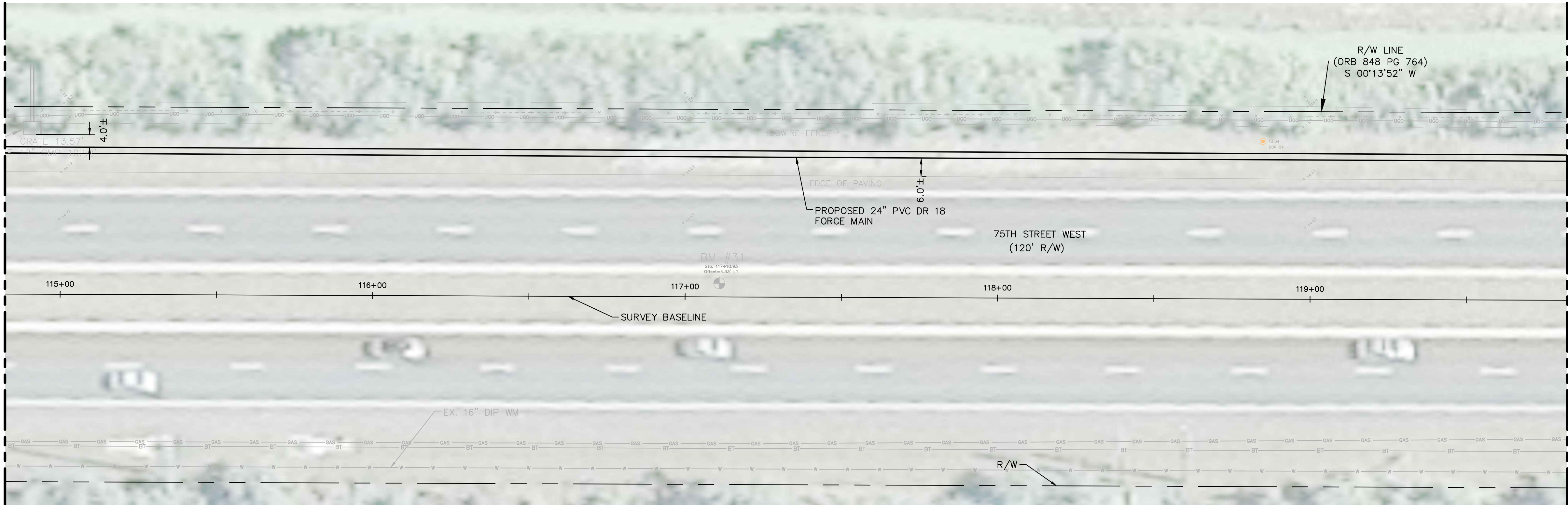
ADDENDUM 4				02/03/2017				WWW				</			
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By:Ecker, Sarah Sheet Set:MANATEE COUNTY FMM REHABILITATION Layout:19 August 30, 2016 12:16:59pm K:\com_civil\148400 - monatee county\003 - force main 1m rehabilitation\CADD\plansheets\0-0.5 75th PLAN & PROFILE.dwg

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MATCH LINE SHEET 18

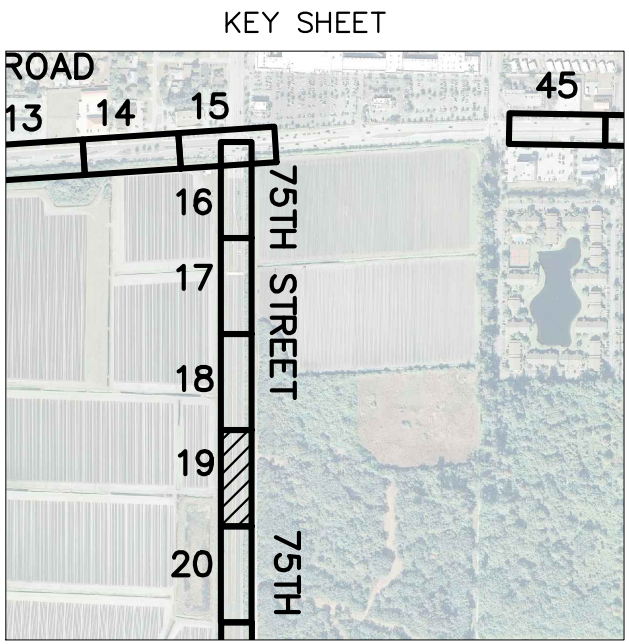
MATCH LINE SHEET 20



HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. REFER TO SHEET 2 FOR SUE INFORMATION
2. CONTRACTOR TO TAKE PRECAUTION WHEN CONSTRUCTING FORCE MAIN AROUND INLET STRUCTURES TO PREVENT UNDER MINING.



GROUNDWATER / DEWATERING NOTE:

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KHA PROJECT	148400003
DATE	SEPT 2016
SCALE	AS SHOWN
DESIGNED BY	AMM
DRAWN BY	JRT
CHECKED BY	WWW



**FORCE MAIN 1M
REHABILITATION**

MANATEE COUNTY

LICENSED PROFESSIONAL

W. WADE WOOD, P.E.

FL LICENSE NUMBER
69051

PLAN & PROFILE (75TH STREET)

SHEET NUMBER

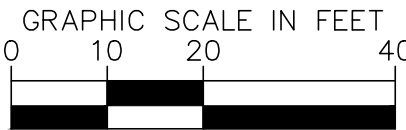
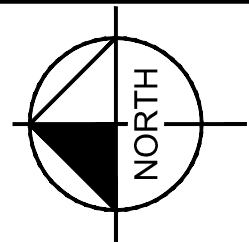
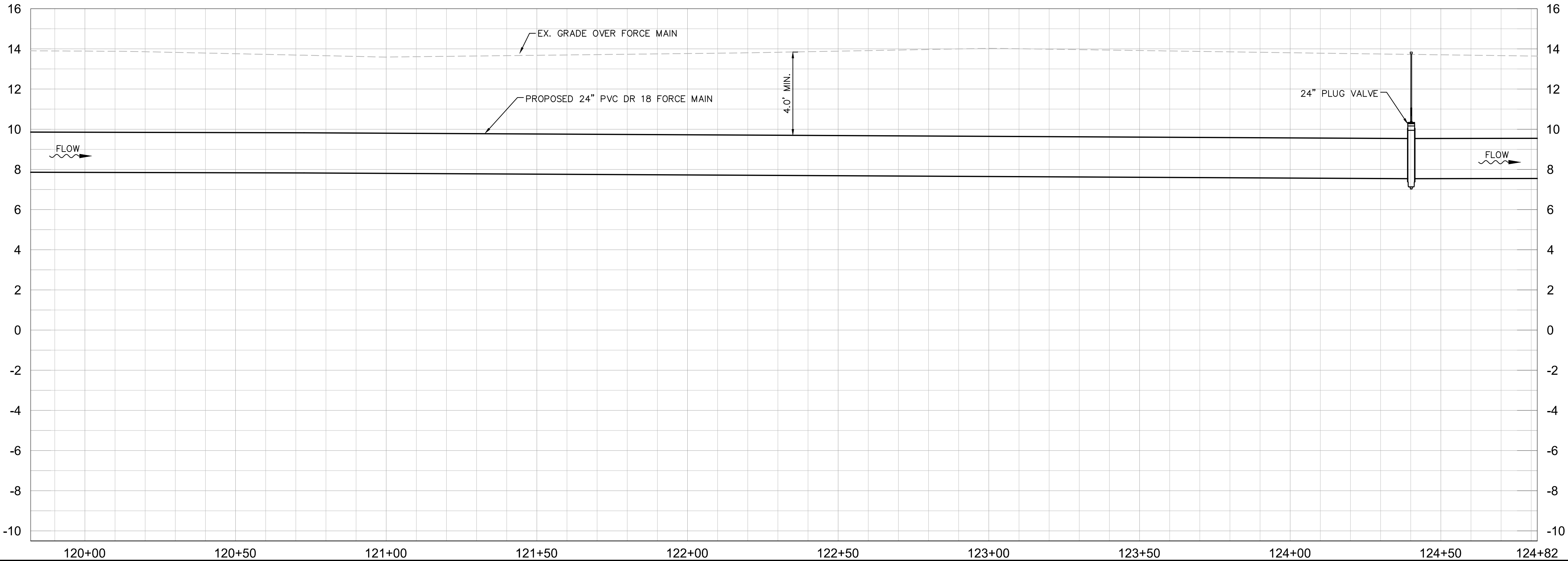
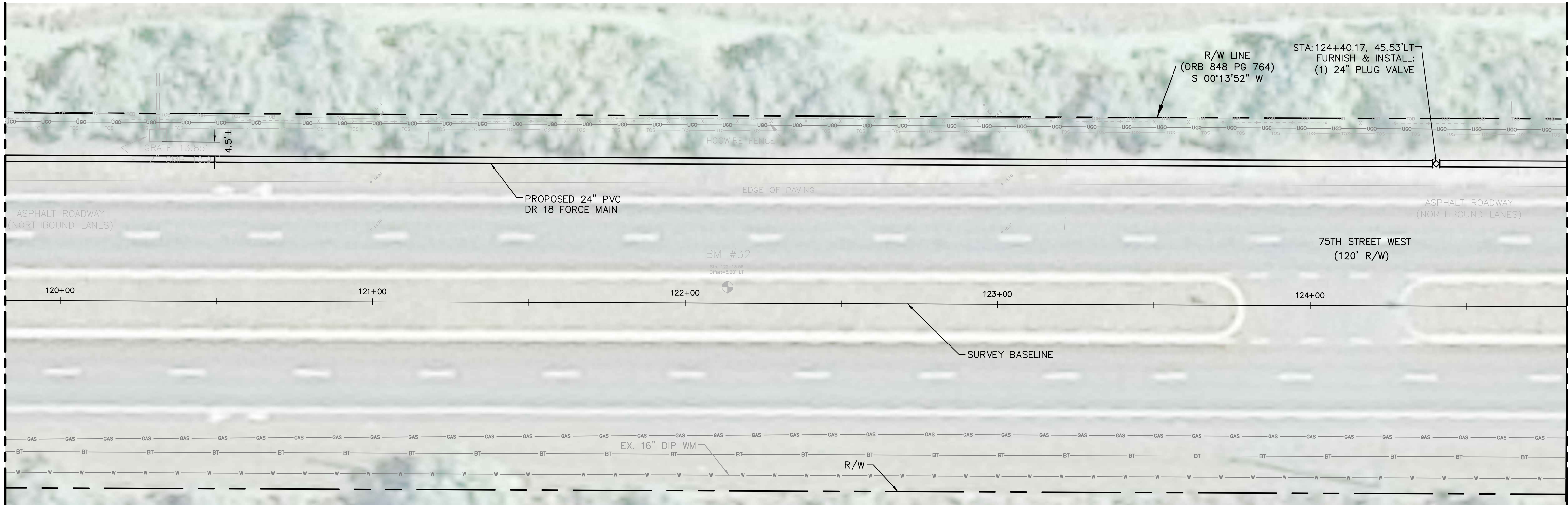
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K:\man_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-11 75th ADDITION PLAN & PROFILE.dwg

By:Ecker, Sarah Sheet Set:MANATEE COUNTY FMM REHABILITATION Layout:20 August 30, 2016 12:20:09pm

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MATCH LINE SHEET 19



HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. REFER TO SHEET 2 FOR SUE INFORMATION
2. CONTRACTOR TO TAKE PRECAUTION WHEN CONSTRUCTING FORCE MAIN AROUND INLET STRUCTURES TO PREVENT UNDER MINING.

KEY SHEET



GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.



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KHA PROJECT
148400003
DATE
SEPT 2016
SCALE AS SHOWN
DESIGNED BY AMM
DRAWN BY JRT
CHECKED BY WWW



**FORCE MAIN 1M
REHABILITATION**

MANATEE COUNTY

LICENSED PROFESSIONAL

W. WADE WOOD, P.E.

FL LICENSE NUMBER
69051

FL DATE:

PLAN & PROFILE (75TH STREET)

SHEET NUMBER

20

K:\tom_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\c-11 75th ADDITION PLAN & PROFILE.dwg

Sheet Set:MANATEE COUNTY FMM REHABILITATION

August 30, 2016 12:20:33pm

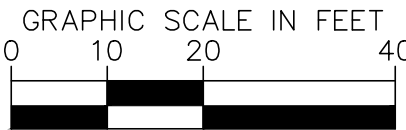
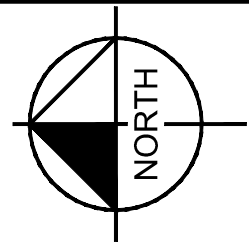
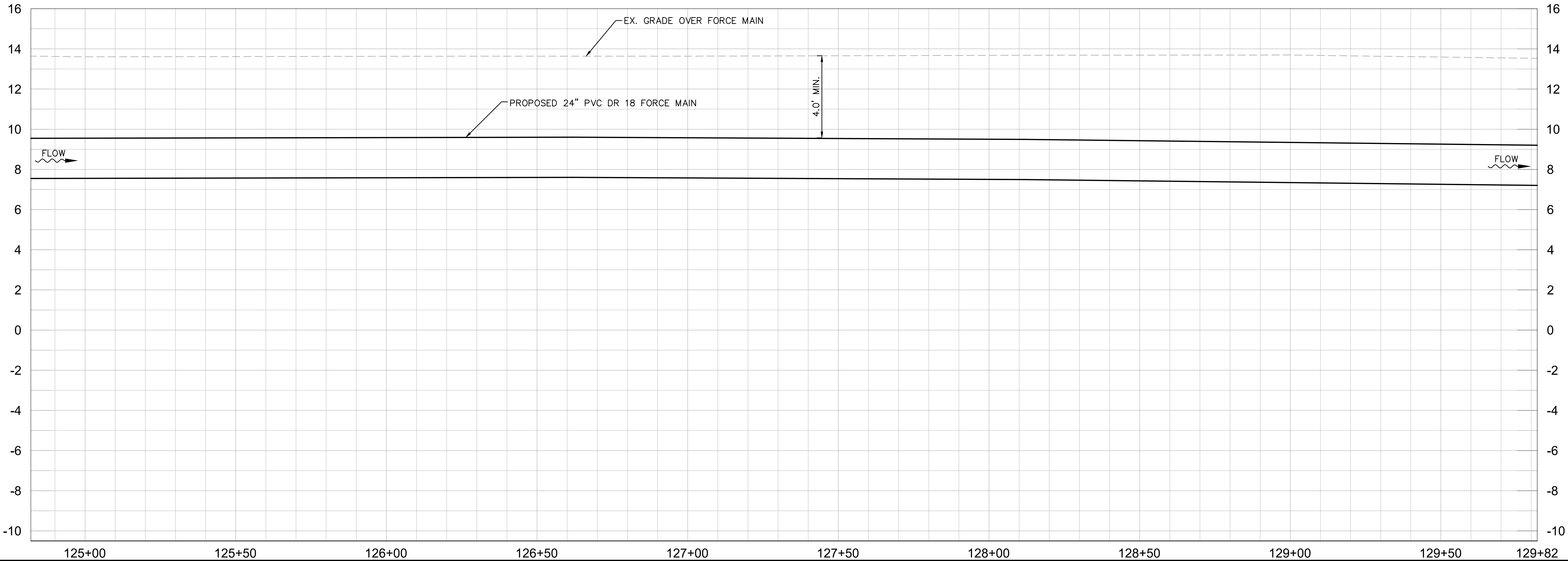
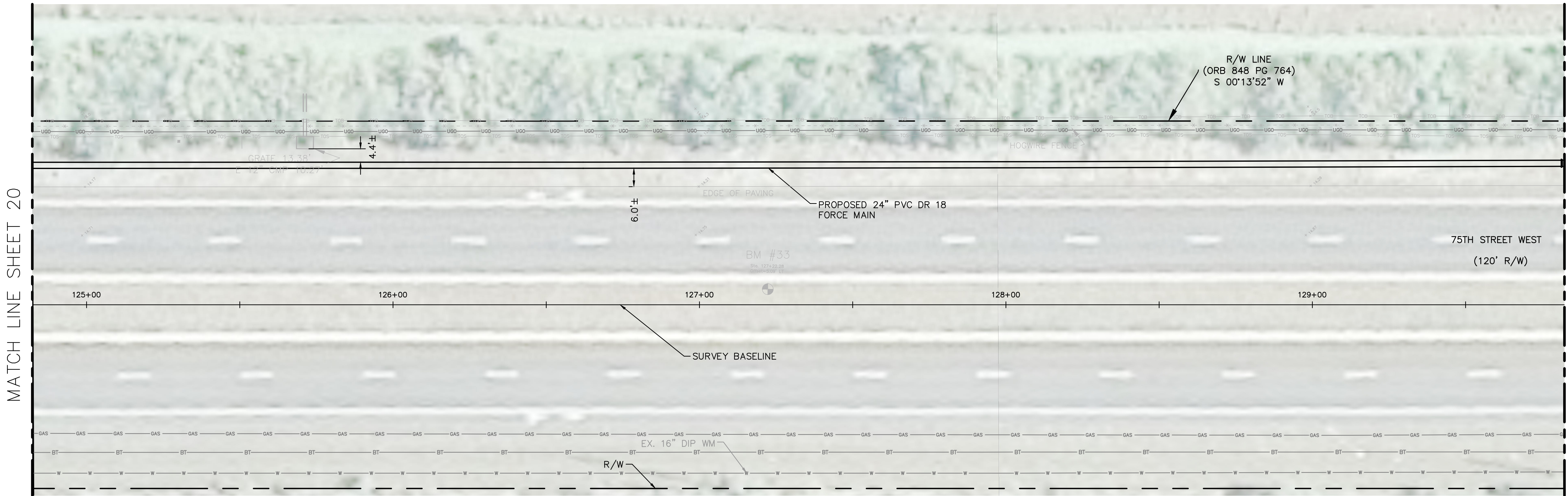
Layout:21

By:Ecker, Sarah

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MATCH LINE SHEET 20

MATCH LINE SHEET 22

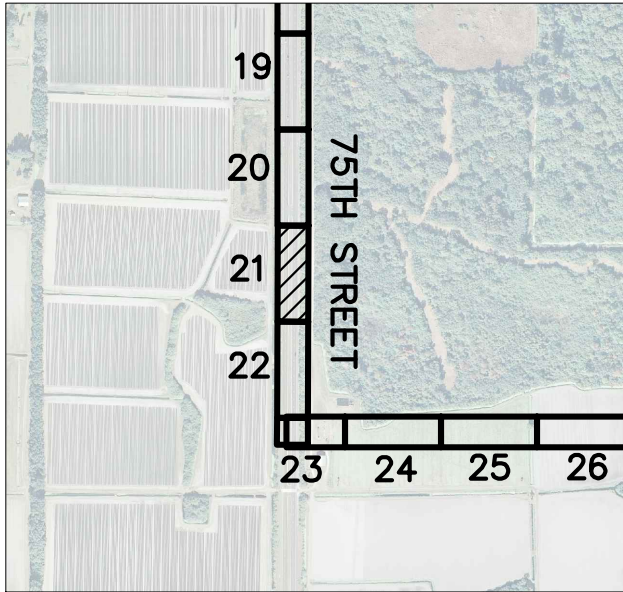


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

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KEY SHEET



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KHA PROJECT
148400003

DATE
SEPT 2016

SCALE AS SHOWN

DESIGNED BY AMM

DRAWN BY JRT

CHECKED BY WWW

FORCE MAIN 1M REHABILITATION

MANATEE COUNTY

LICENSED PROFESSIONAL

W. WADE WOOD, P.E.

FL LICENSE NUMBER
69051

FL DATE:

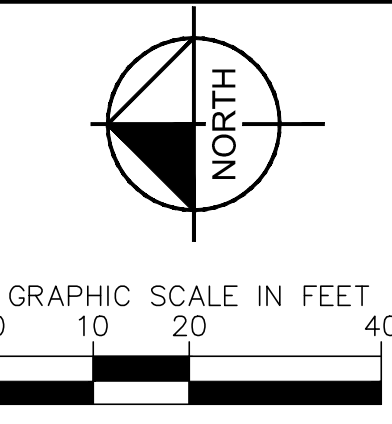
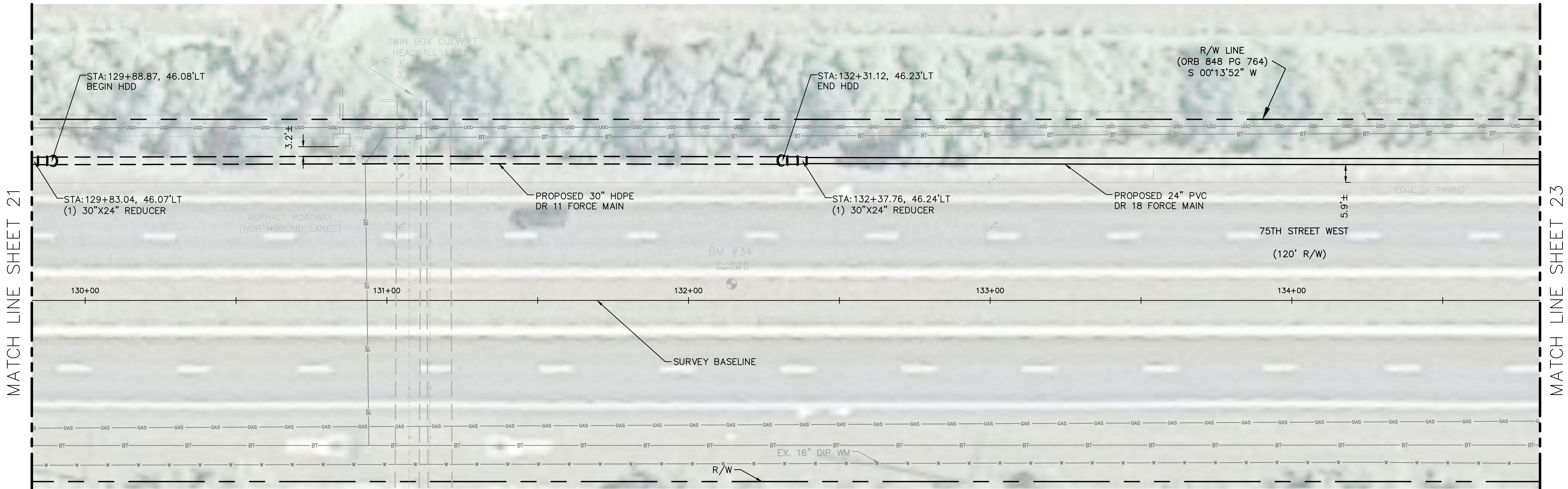
PLAN & PROFILE (75TH STREET)

SHEET NUMBER

21

By:Ecker, Sarah Sheet Set:MANATEE COUNTY FMM REHABILITATION Layout:22 August 30, 2016 12:20:56pm K:\man_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-11 75th ADDITION PLAN & PROFILE.dwg

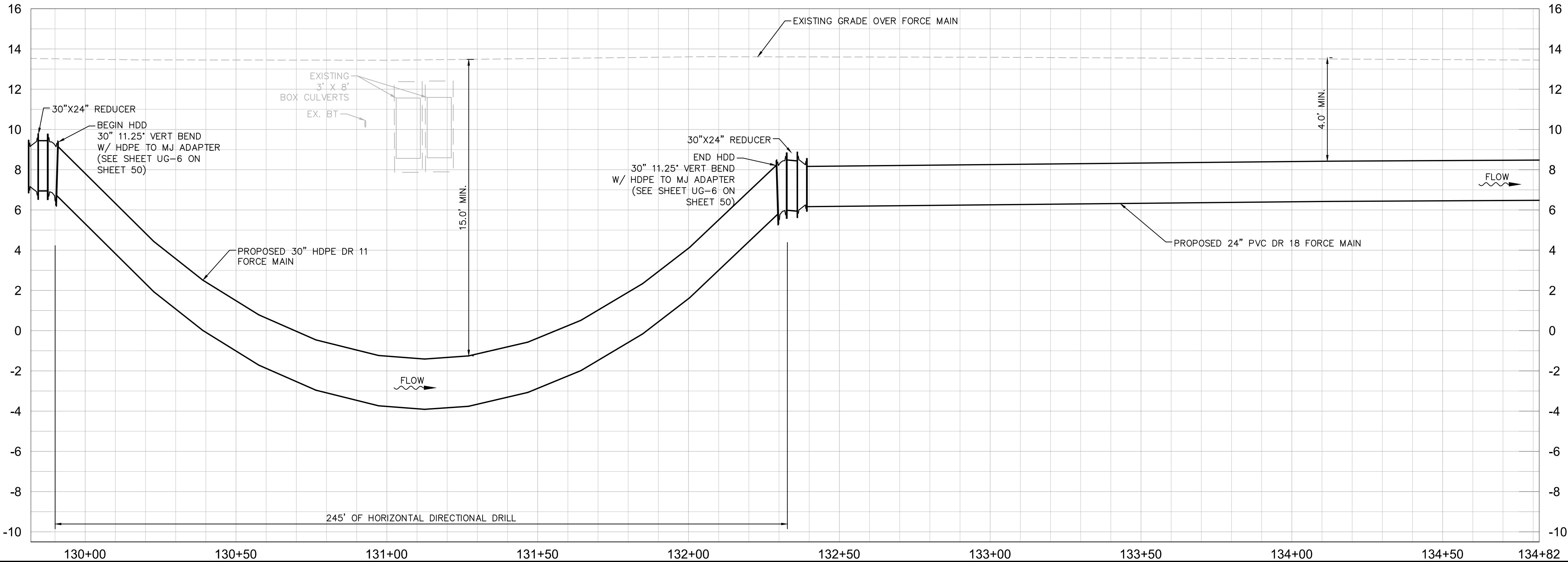
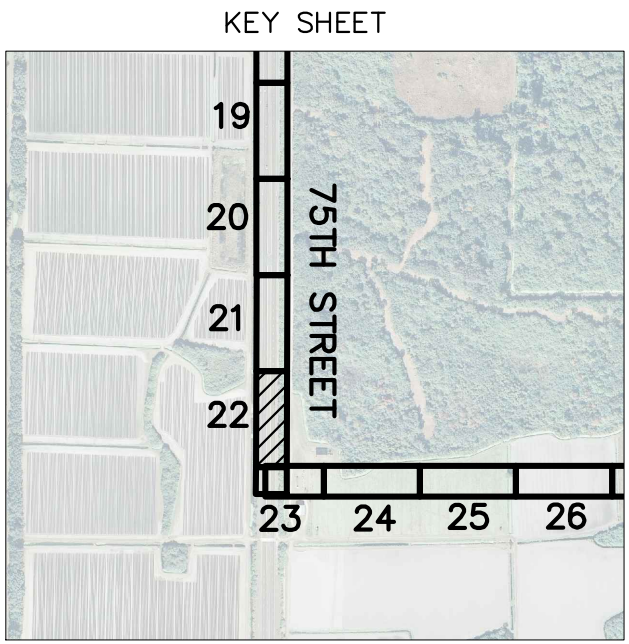
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HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

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2. CONTRACTOR TO TAKE PRECAUTION WHEN CONSTRUCTING FORCE MAIN AROUND INLET STRUCTURES TO PREVENT UNDER MINING.



GROUNDWATER / DEWATERING NOTE:
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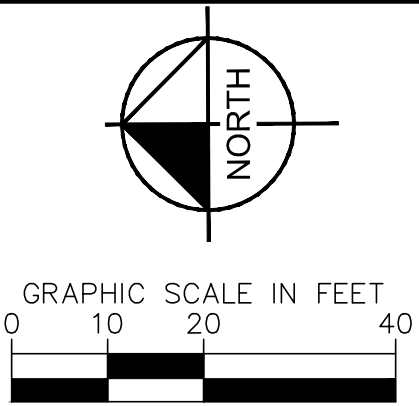
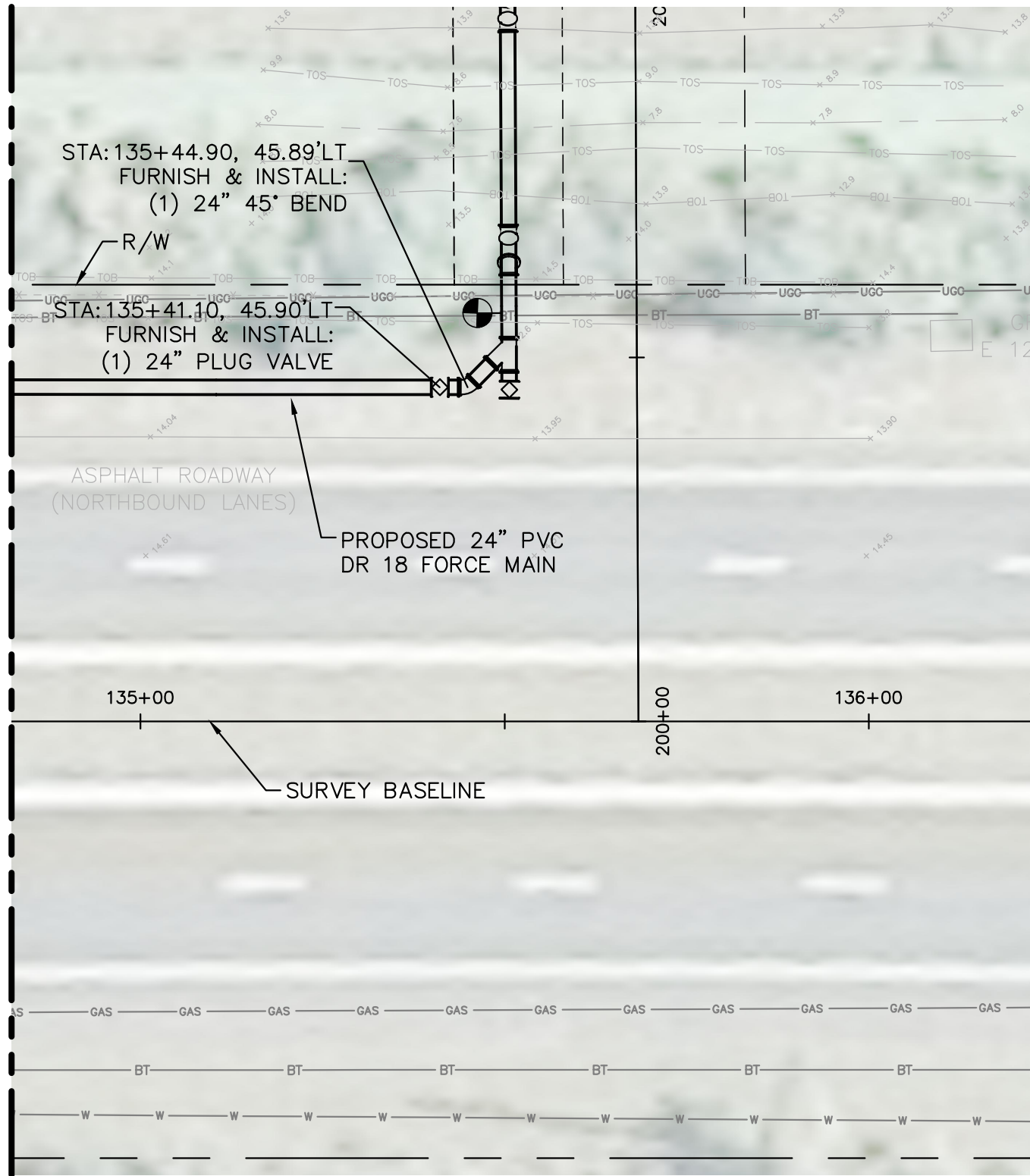


				Kimley»Horn				 FORCE MAIN 1M REHABILITATION				LICENSED PROFESSIONAL W. WADE WOOD, P.E. FL LICENSE NUMBER 69051				PLAN & PROFILE (75TH STREET)				SHEET NUMBER 22			
				© 2016 KIMLEY-HORN AND ASSOCIATES, INC. 655 NORTH FRANKLIN STREET, SUITE 150, TAMPA, FL 33602 PHONE: 813-620-1460 WWW.KIMLEY-HORN.COM CA 00000696				KHA PROJECT 148400003 DATE SEPT 2016 SCALE AS SHOWN DESIGNED BY AMM DRAWN BY JRT CHECKED BY WWW				MANATEE COUNTY				FL DATE:							
No.				REVISIONS				DATE				BY											

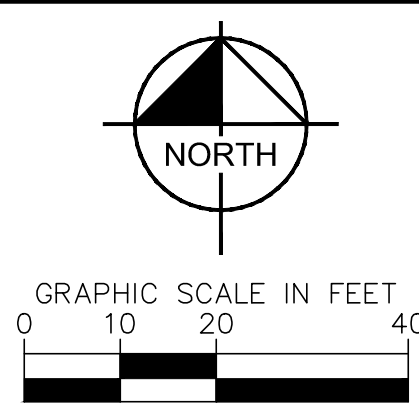
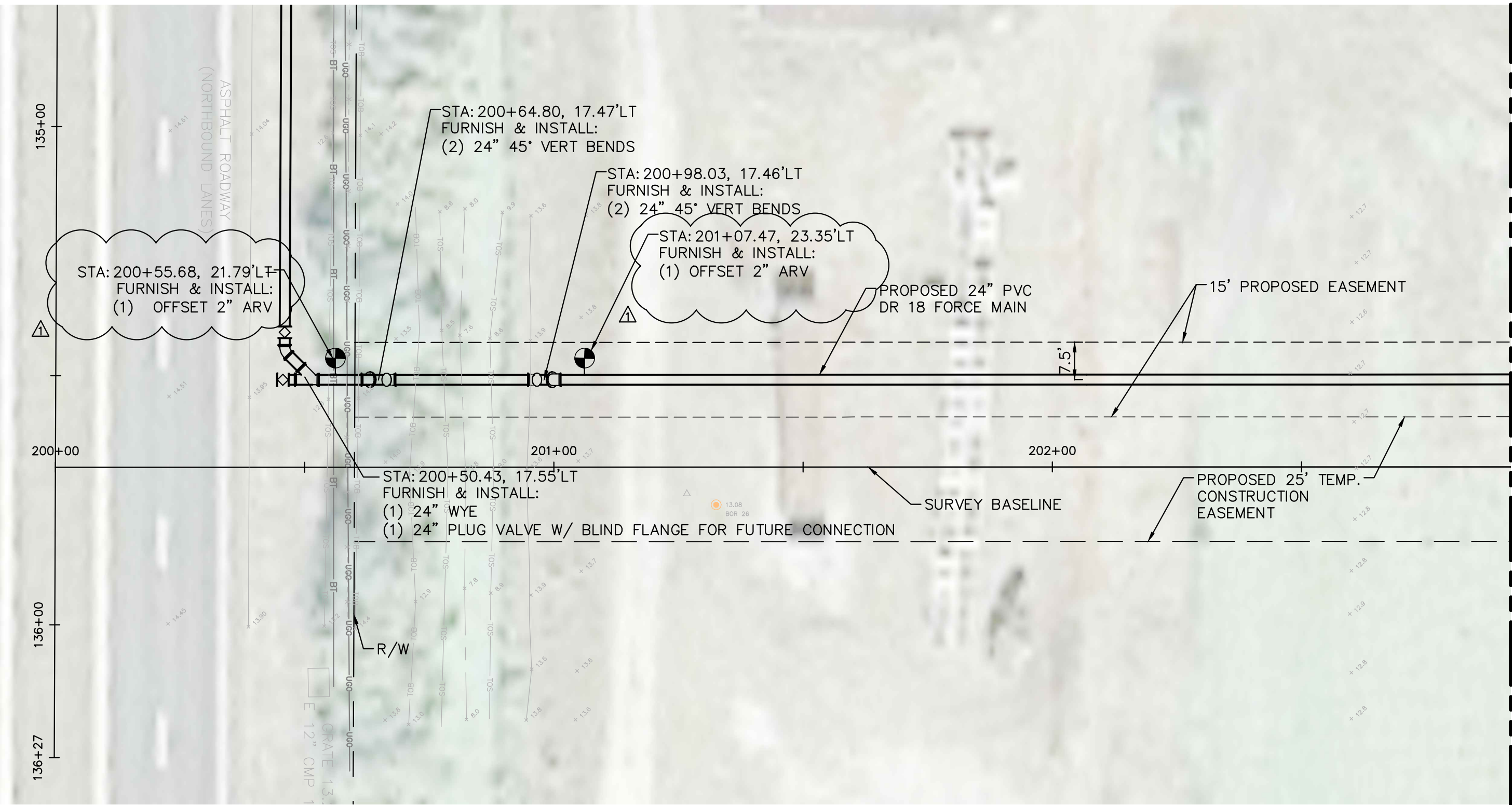
By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FMM REHABILITATION Layout:23 February 17, 2017 10:40:12am K:\tom_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.4 BELOW WETLANDS PLAN & PROFILE.dwg

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MATCH LINE SHEET 22



HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

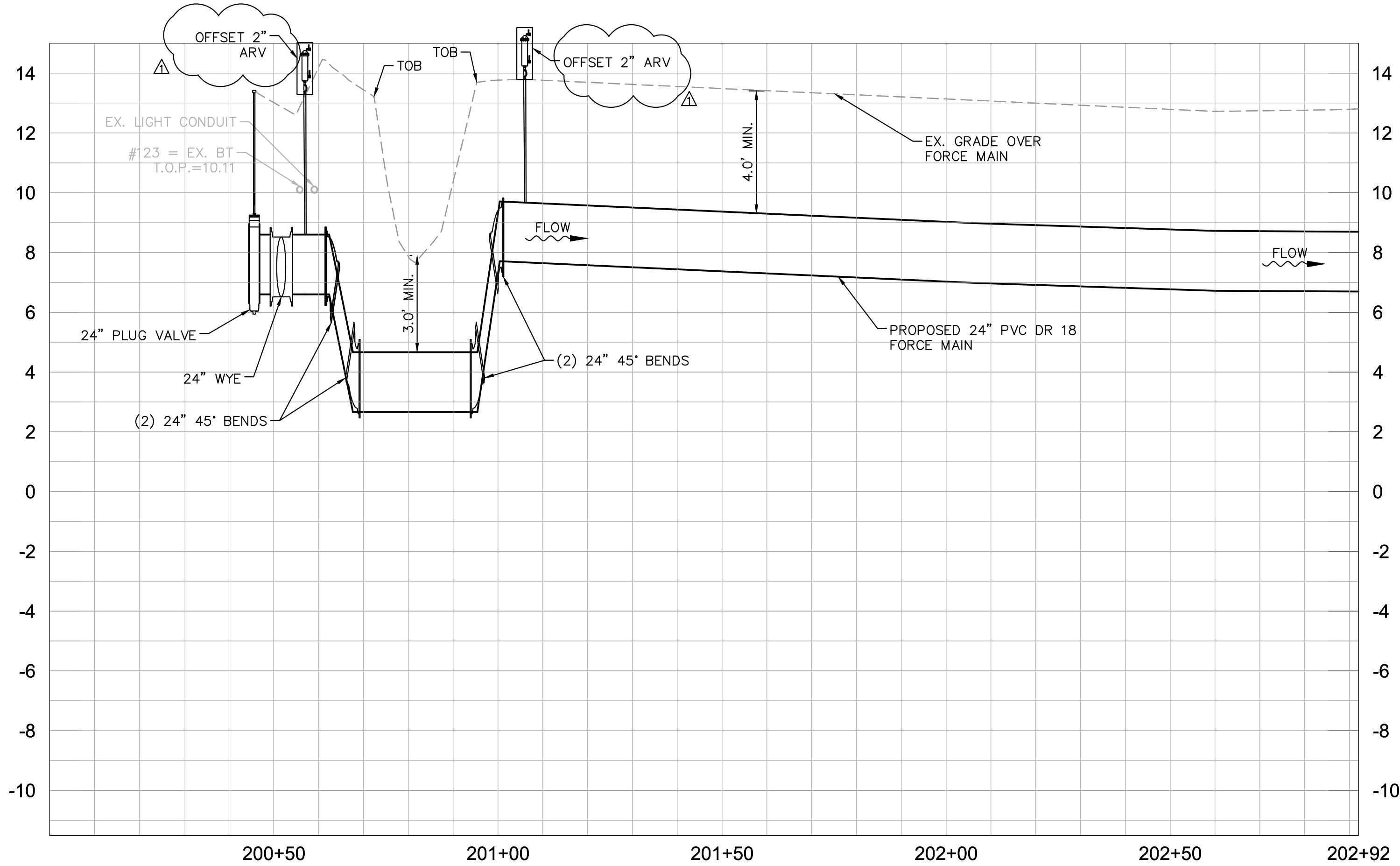
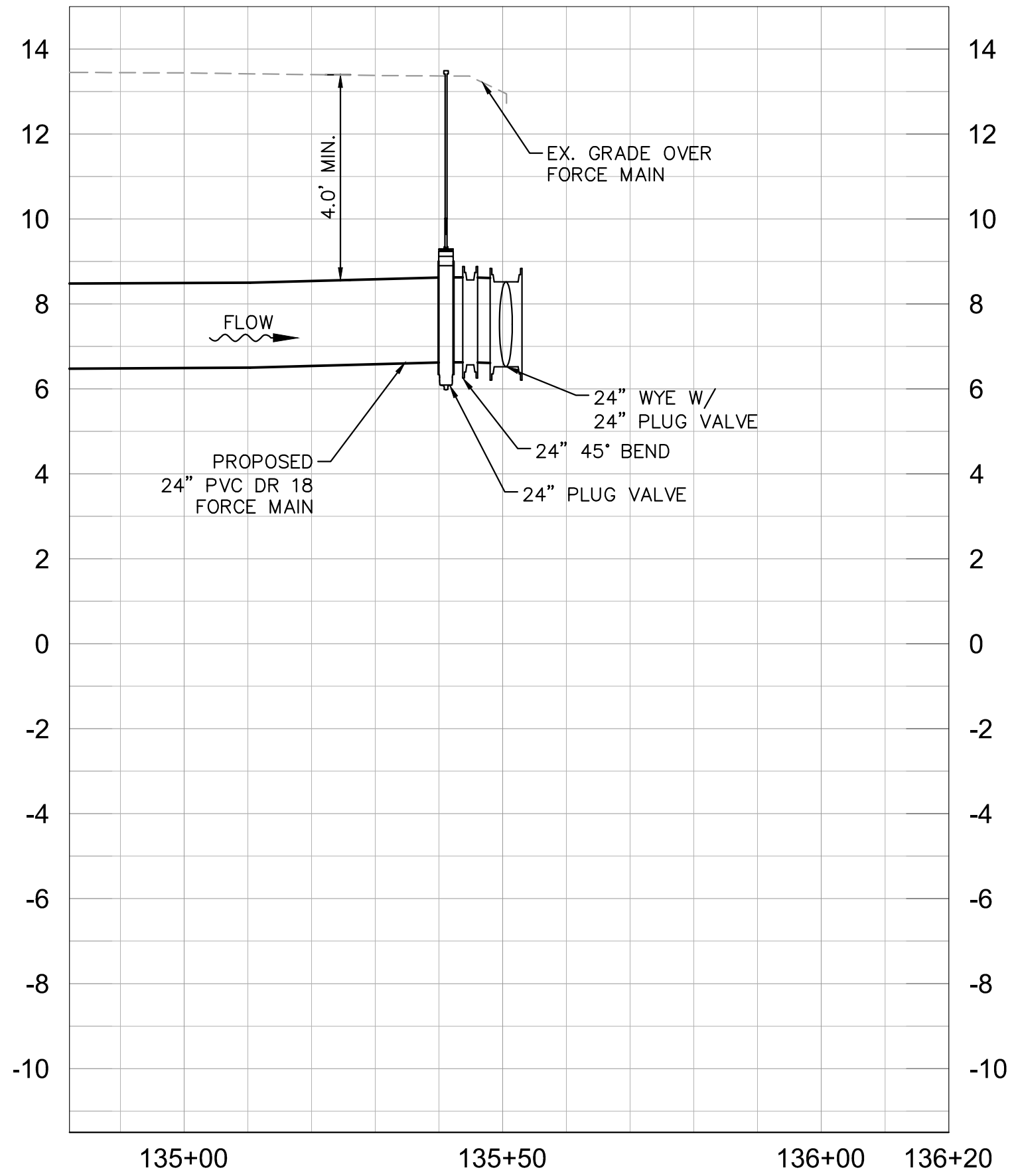
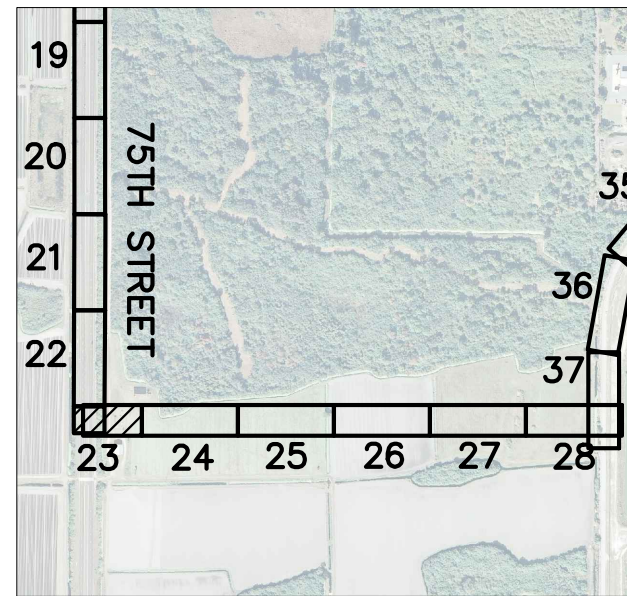


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

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KEY SHEET



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	ADDENDUM 4	02/03/2017	WWW
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KHA PROJECT	148400003
DATE	SEPT 2016
SCALE	AS SHOWN
DESIGNED BY	AMM
DRAWN BY	JRT
CHECKED BY	WWW

 FORCE MAIN 1M REHABILITATION	LICENSED PROFESSIONAL
	W. WADE WOOD, P.E.
	FL LICENSE NUMBER
	69051
	FL DATE:

MANATEE COUNTY	FL	DATE:	PLAN & PROFILE (LAKE FLORES)	SHEET NUMBER

23

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12:24:49pm

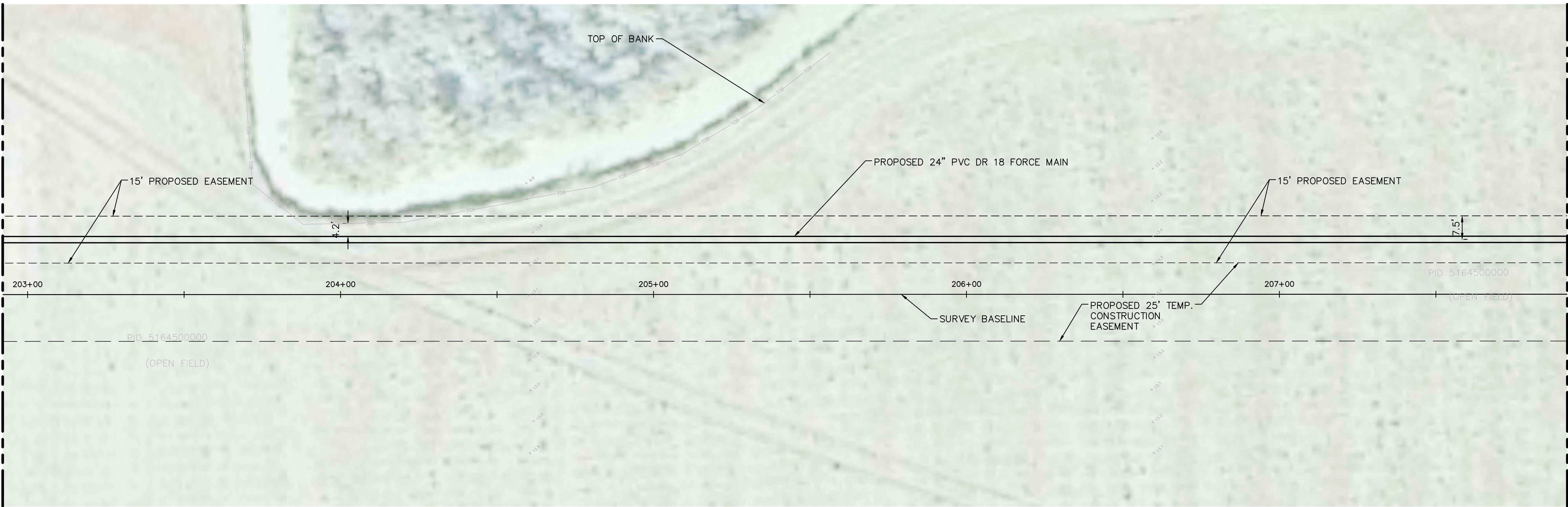
August 30, 2016

Layout:24

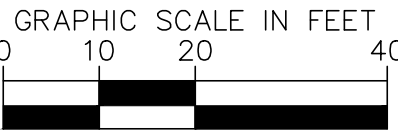
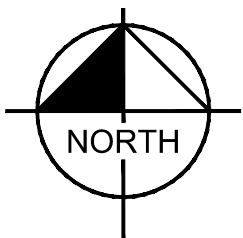
By:Ecker, Sarah

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MATCH LINE SHEET 23



MATCH LINE SHEET 25

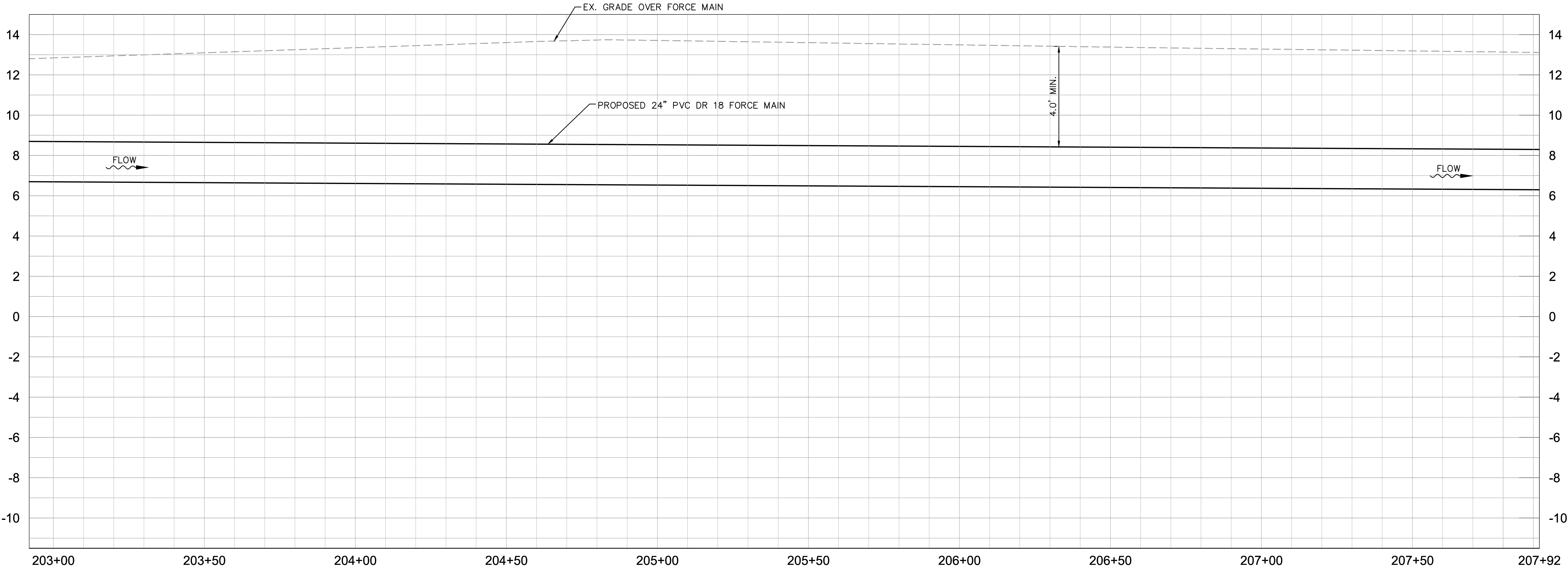
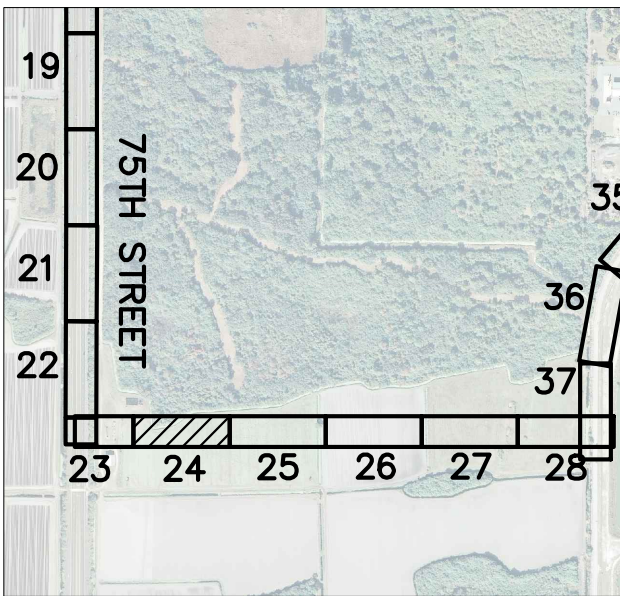


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. REFER TO SHEET 2 FOR SUE INFORMATION

KEY SHEET



GROUNDWATER /
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KHA PROJECT
148400003

DATE
SEPT 2016

SCALE AS SHOWN

DESIGNED BY AMM

DRAWN BY JRT

CHECKED BY WWW



**FORCE MAIN 1M
REHABILITATION**

MANATEE COUNTY

LICENSED PROFESSIONAL

W. WADE WOOD, P.E.

FL LICENSE NUMBER
69051

FL DATE:

PLAN & PROFILE (LAKE FLORES)

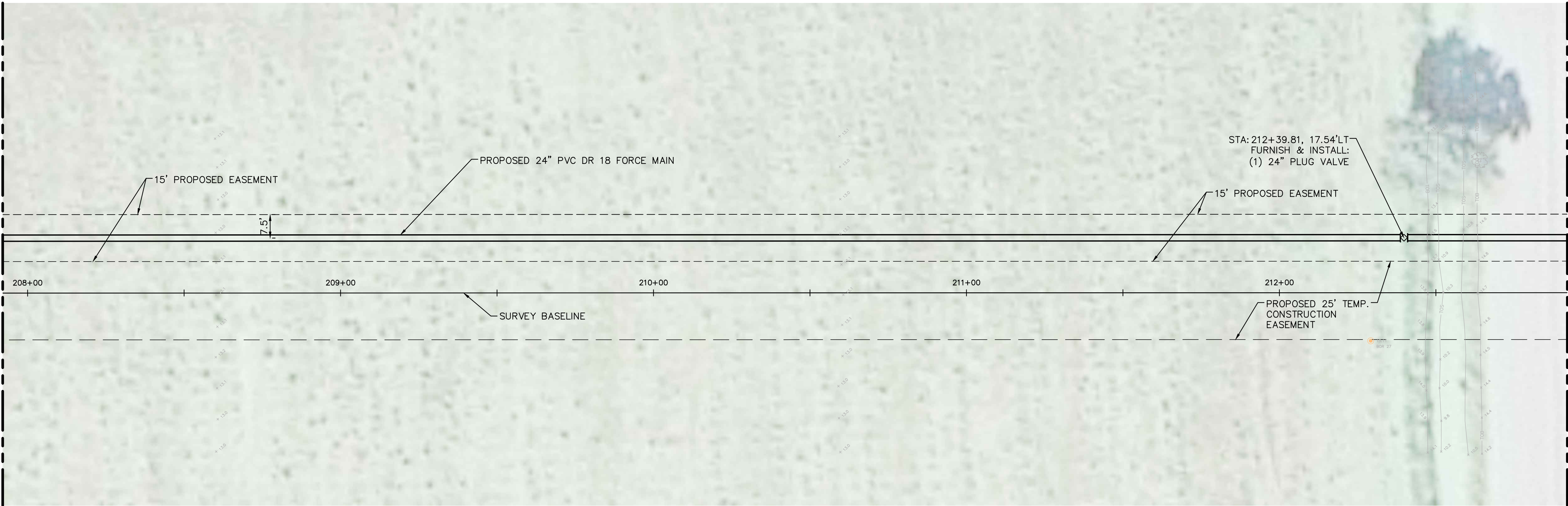
SHEET NUMBER

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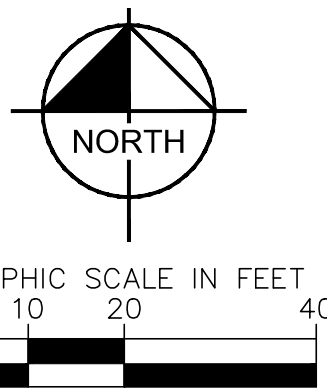
By:Ecker, Sarah Sheet Set:MANATEE COUNTY FMM REHABILITATION Layout:25 August 30, 2016 12:25:12pm K:\om_civil\48400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\0-0.4 BELOW WETLANDS PLAN & PROFILE.dwg

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MATCH LINE SHEET 24



MATCH LINE SHEET 26

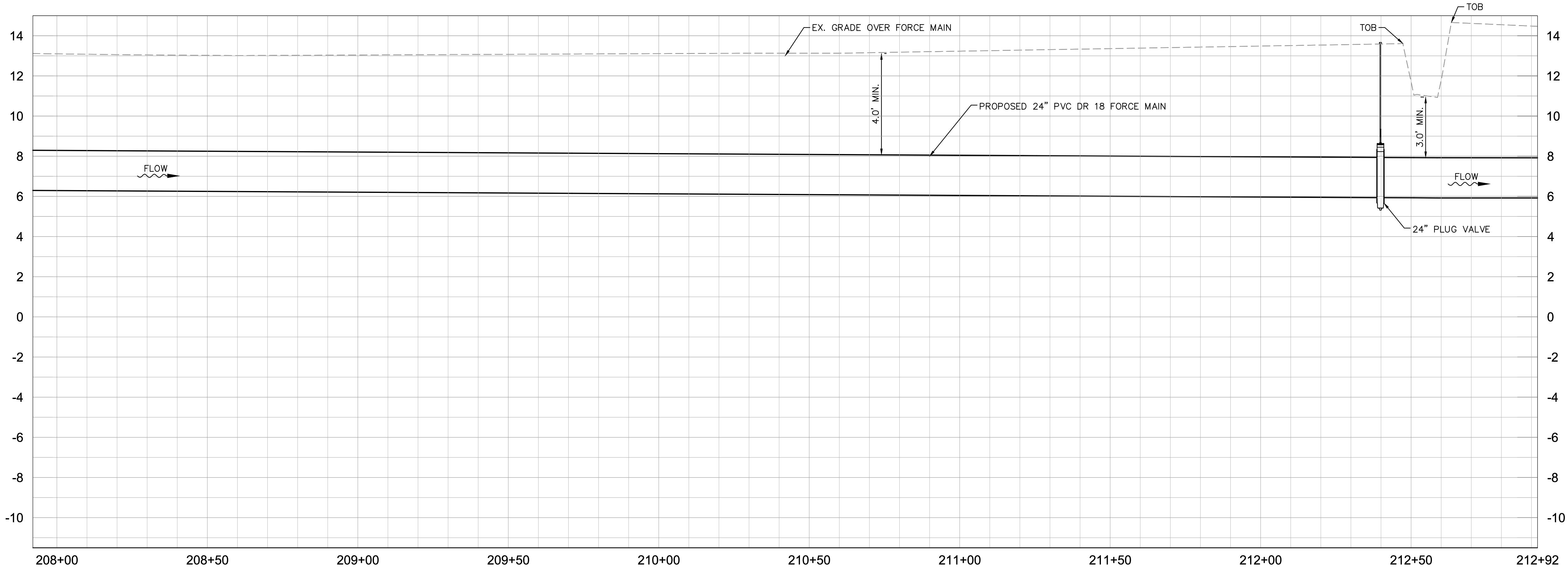


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

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KEY SHEET



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KHA PROJECT 148400003
DATE SEPT 2016
SCALE AS SHOWN
DESIGNED BY AMM
DRAWN BY JRT
CHECKED BY WWW



FORCE MAIN 1M REHABILITATION

MANATEE COUNTY

LICENSED PROFESSIONAL

W. WADE WOOD, P.E.

FL LICENSE NUMBER
69051

FL DATE:

PLAN & PROFILE (LAKE FLORES)

SHEET NUMBER

25

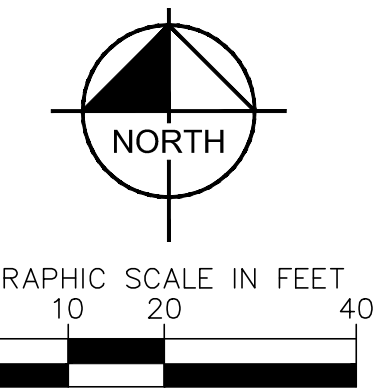
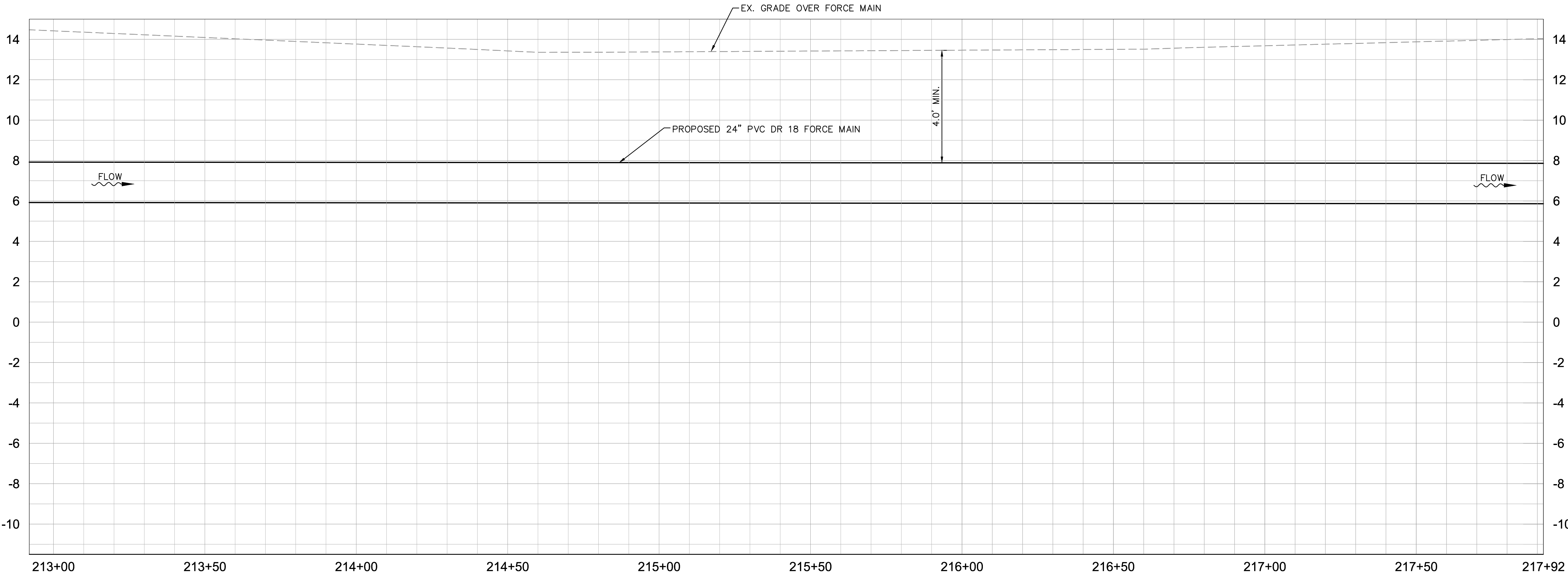
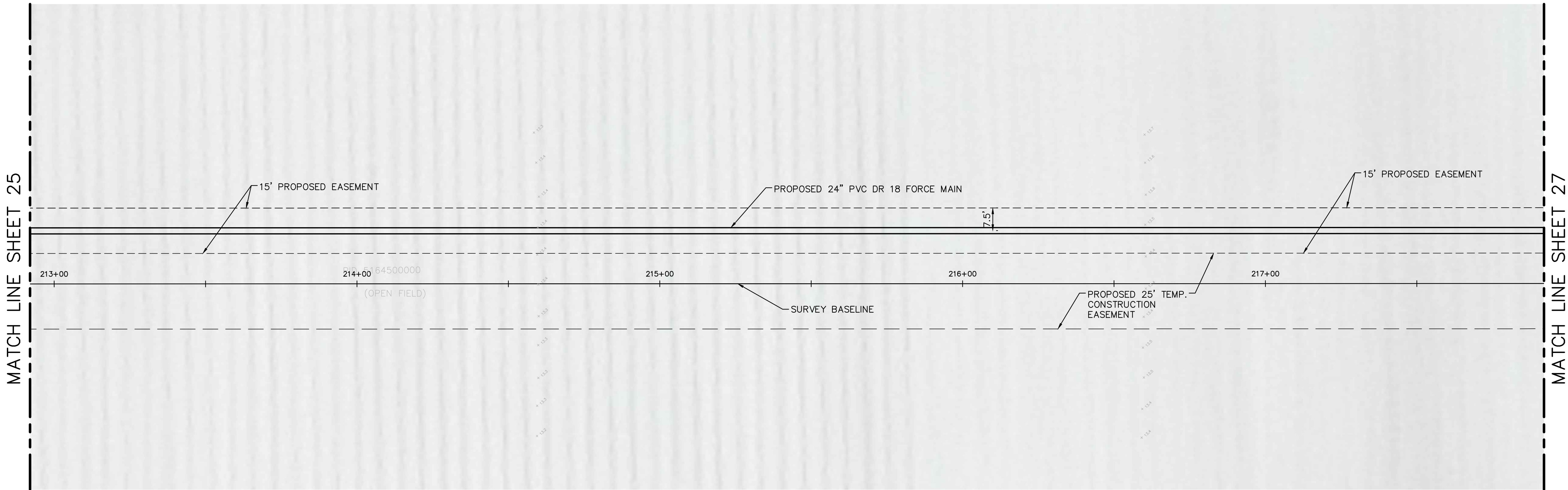
K:\man_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\0-0.4 BELOW WETLANDS PLAN & PROFILE.dwg

By:Ecker, Sarah Sheet Set:MANATEE COUNTY FMM REHABILITATION Layout:26 August 30, 2016 12:25:38pm

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MATCH LINE SHEET 25

MATCH LINE SHEET 27

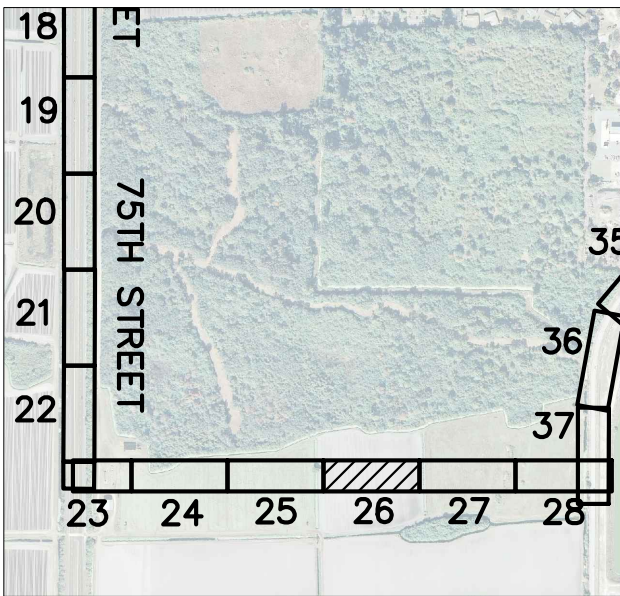


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

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KHA PROJECT	148400003
DATE	SEPT 2016
SCALE	AS SHOWN
DESIGNED BY	AMM
DRAWN BY	JRT
CHECKED BY	WWW



FORCE MAIN 1M REHABILITATION

MANATEE COUNTY

LICENSED PROFESSIONAL

W. WADE WOOD, P.E.

FL LICENSE NUMBER
69051

FL DATE:

PLAN & PROFILE (LAKE FLORES)

SHEET NUMBER

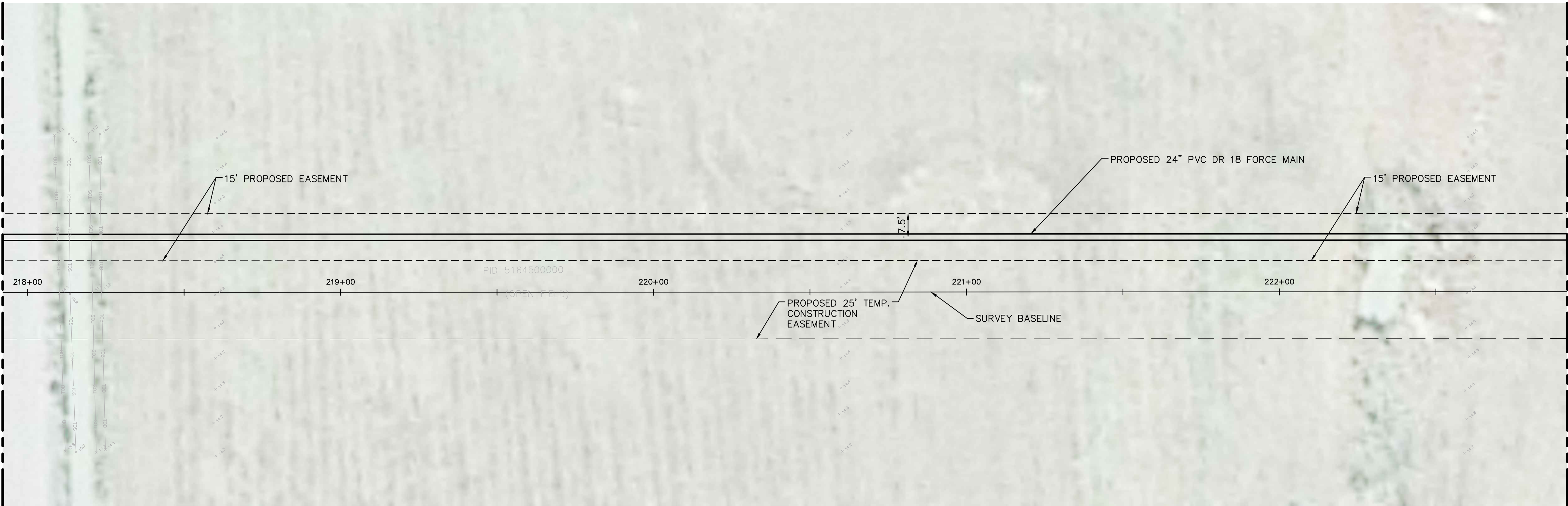
26

K:\man_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\0-0.4 BELOW WETLANDS PLAN & PROFILE.dwg

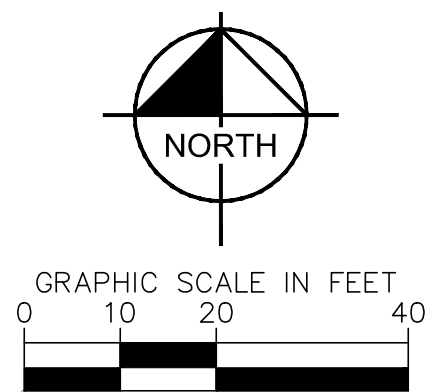
By:Ecker, Sarah Sheet Set:MANATEE COUNTY FMM REHABILITATION Layout:27 August 30, 2016 12:26:03pm

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MATCH LINE SHEET 26



MATCH LINE SHEET 28

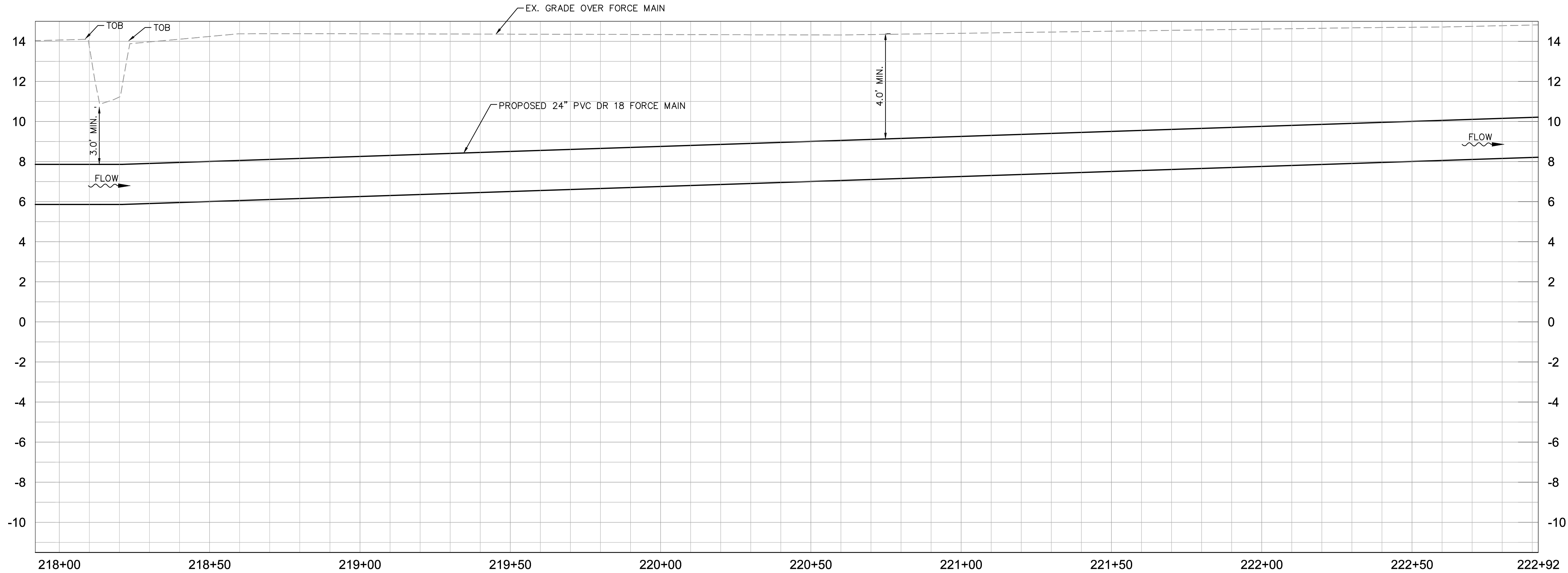
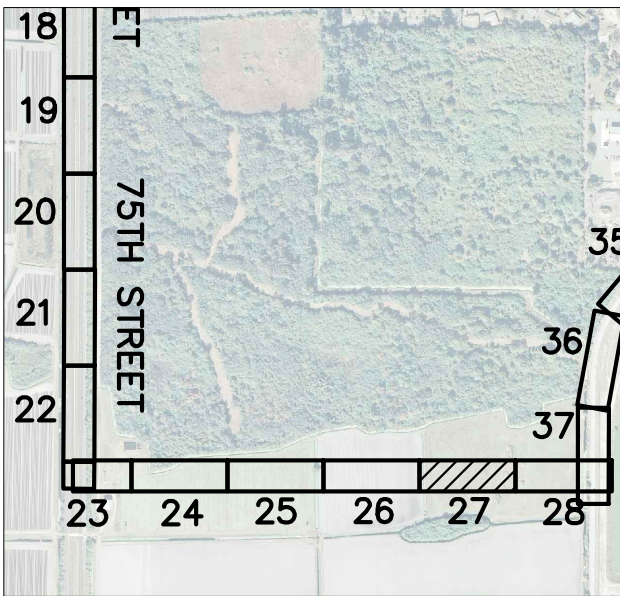


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

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Kimley»Horn

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KHA PROJECT
148400003

DATE
SEPT 2016

SCALE AS SHOWN

DESIGNED BY AMM

DRAWN BY JRT

CHECKED BY WWW

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FL DATE:

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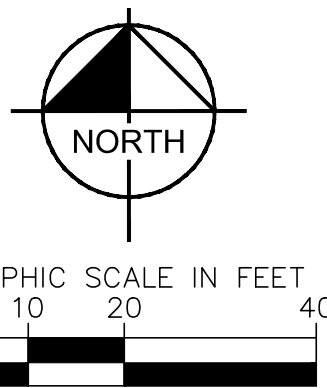
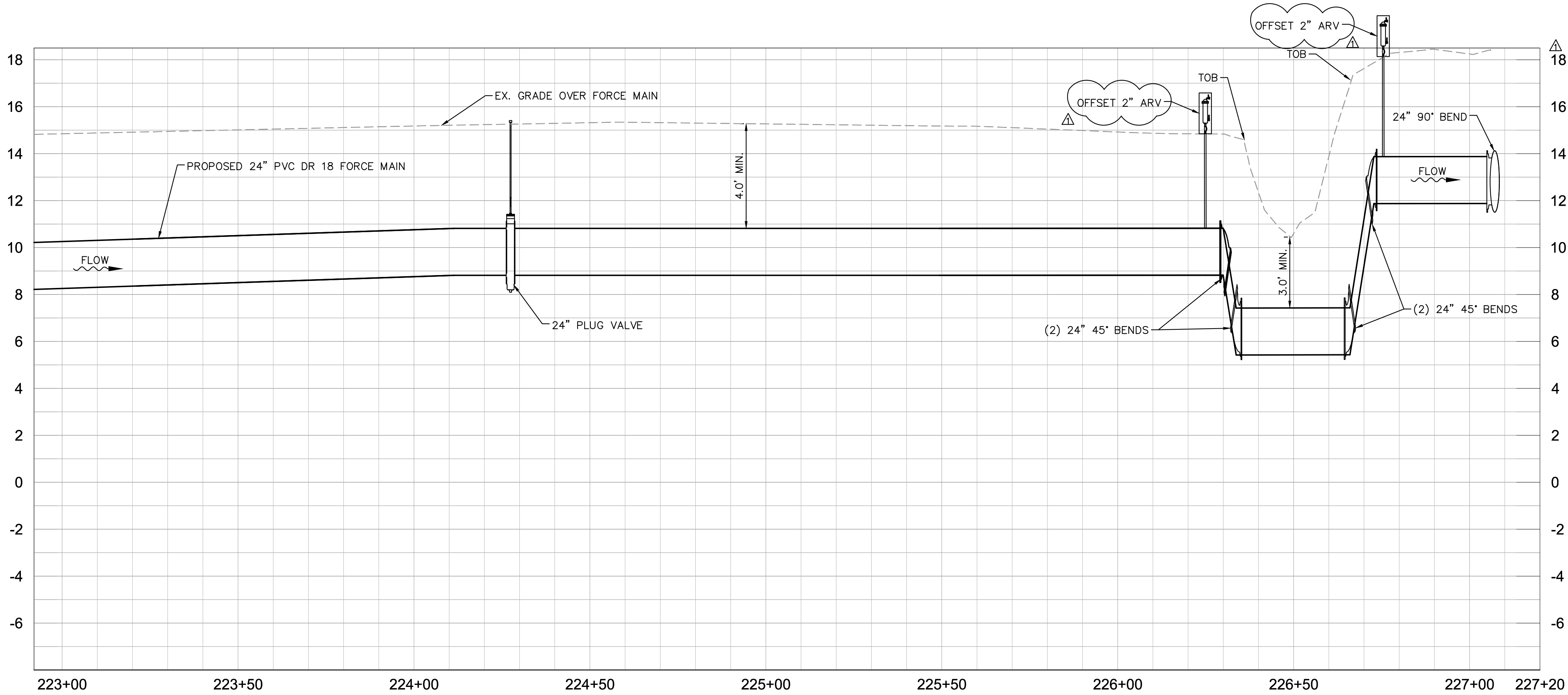
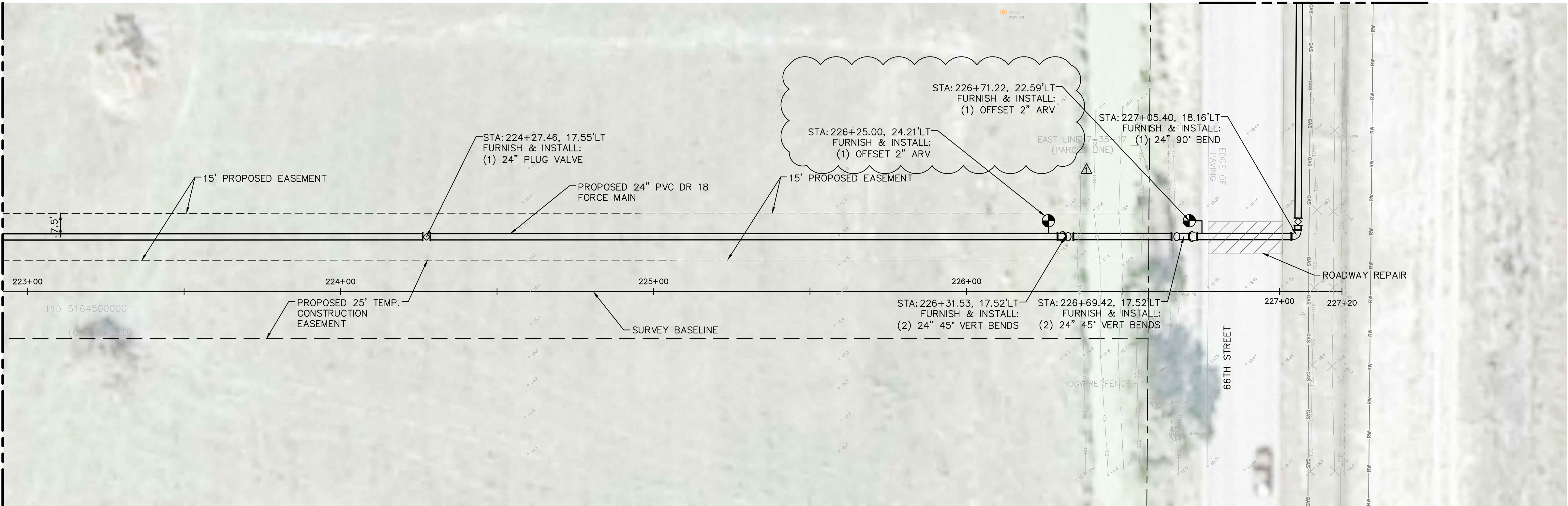
SHEET NUMBER

27

K:\tom_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.4 BELOW WETLANDS PLAN & PROFILE.dwg
February 17, 2017 10:40:41am
By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FMM REHABILITATION Layout:28

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MATCH LINE SHEET 27

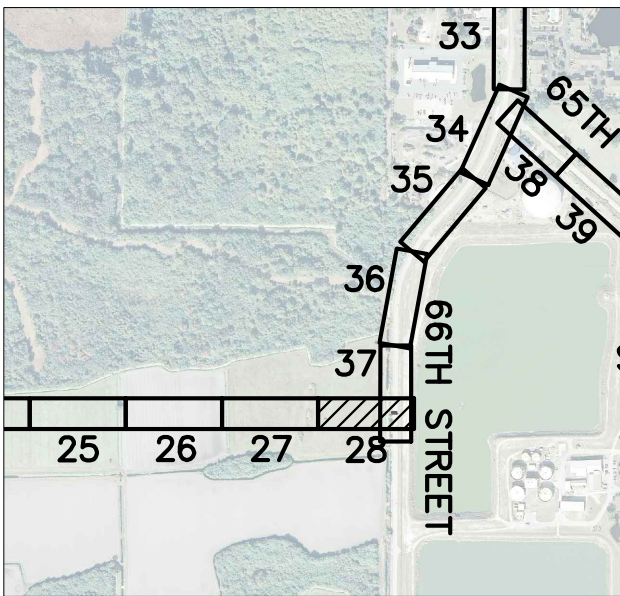


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. REFER TO SHEET 2 FOR SUE INFORMATION

KEY SHEET



GROUNDWATER / DEWATERING NOTE:
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.



No.	ADDENDUM 4		02/03/2017	WWW
REVISIONS		DATE	BY	

Kimley»Horn

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KHA PROJECT	
148400003	
DATE	
SEPT 2016	
SCALE AS SHOWN	
DESIGNED BY	AMM
DRAWN BY	JRT
CHECKED BY	WWW

	FORCE MAIN 1M	
	REHABILITATION	
	MANATEE COUNTY	
	FL	
	DATE:	

LICENSED PROFESSIONAL	
W. WADE WOOD, P.E.	
FL LICENSE NUMBER	
69051	

PLAN & PROFILE (LAKE FLORES)

SHEET NUMBER
28