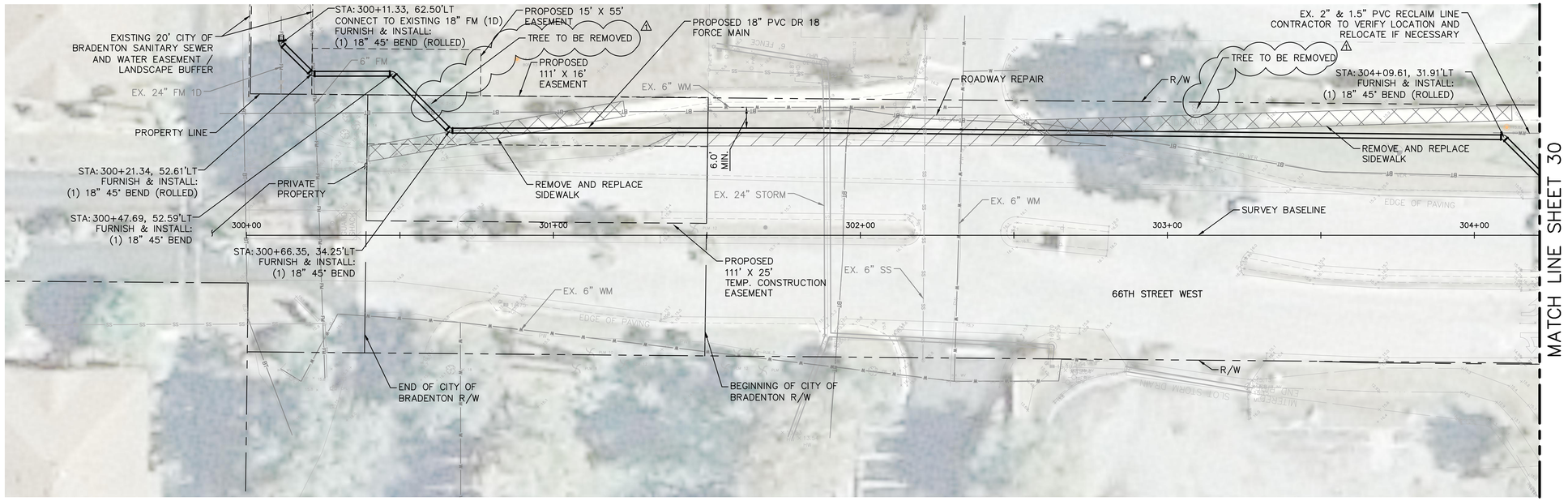
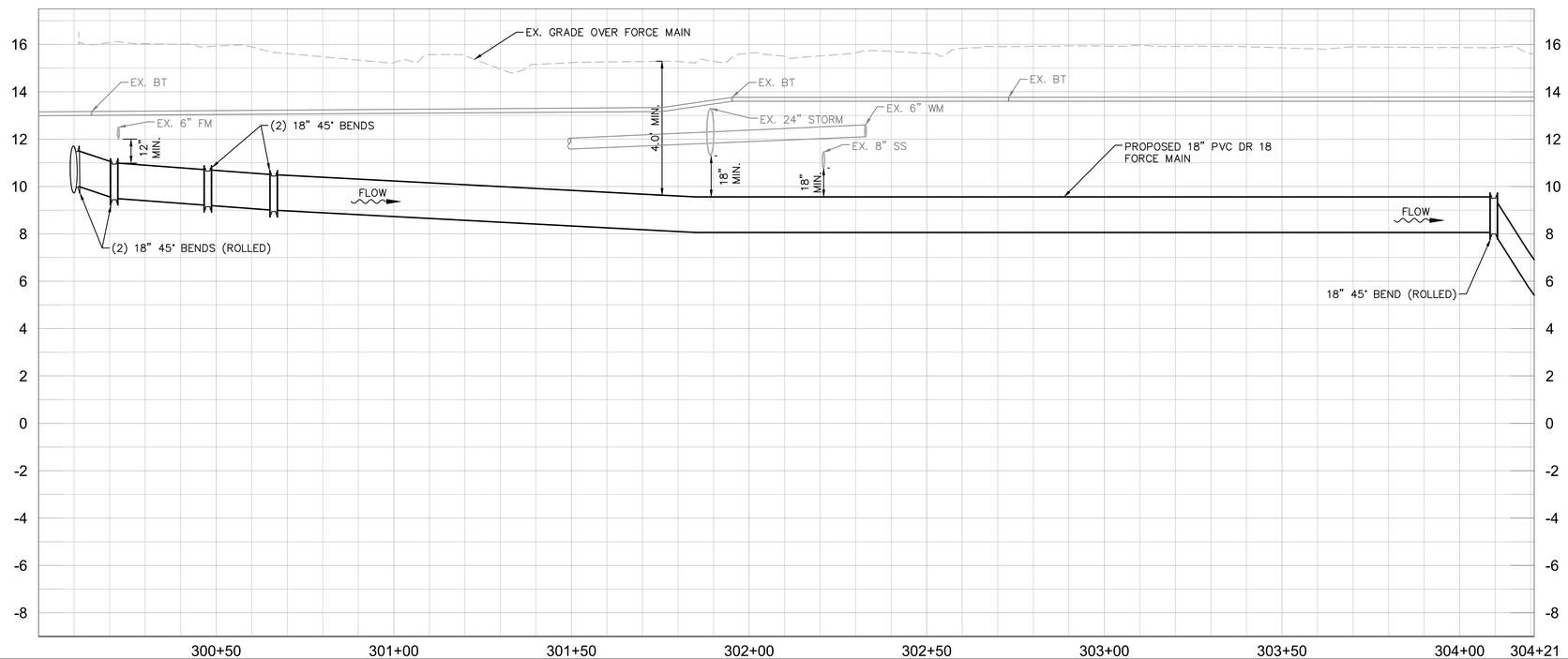
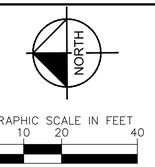




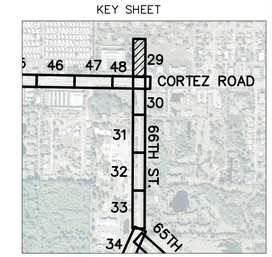


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. REFER TO SHEET 2 FOR SUE INFORMATION

KEY SHEET



ALL WORK WITHIN CITY OF BRADENTON R/W SHALL CONFORM TO FDOT STANDARDS INDEXES 600, 601, & 660.

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

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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 FLORIDA

FORCE MAIN 1M REHABILITATION

MANATEE COUNTY FL

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

PLAN & PROFILE (66TH STREET)

SHEET NUMBER 29

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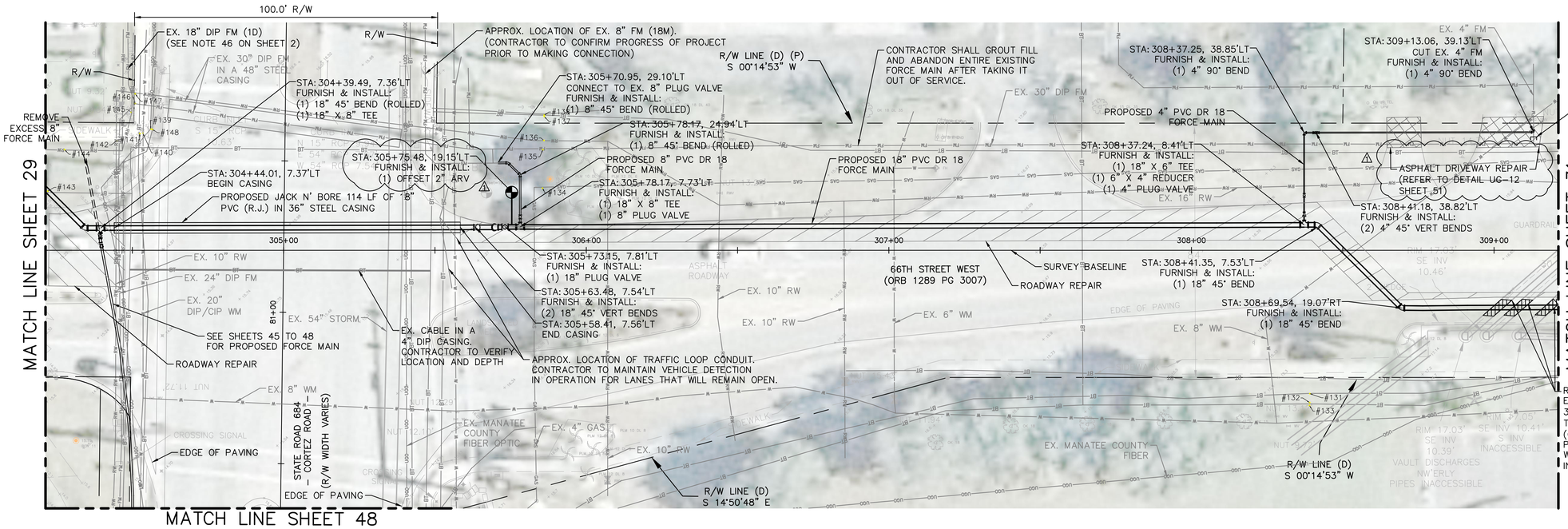
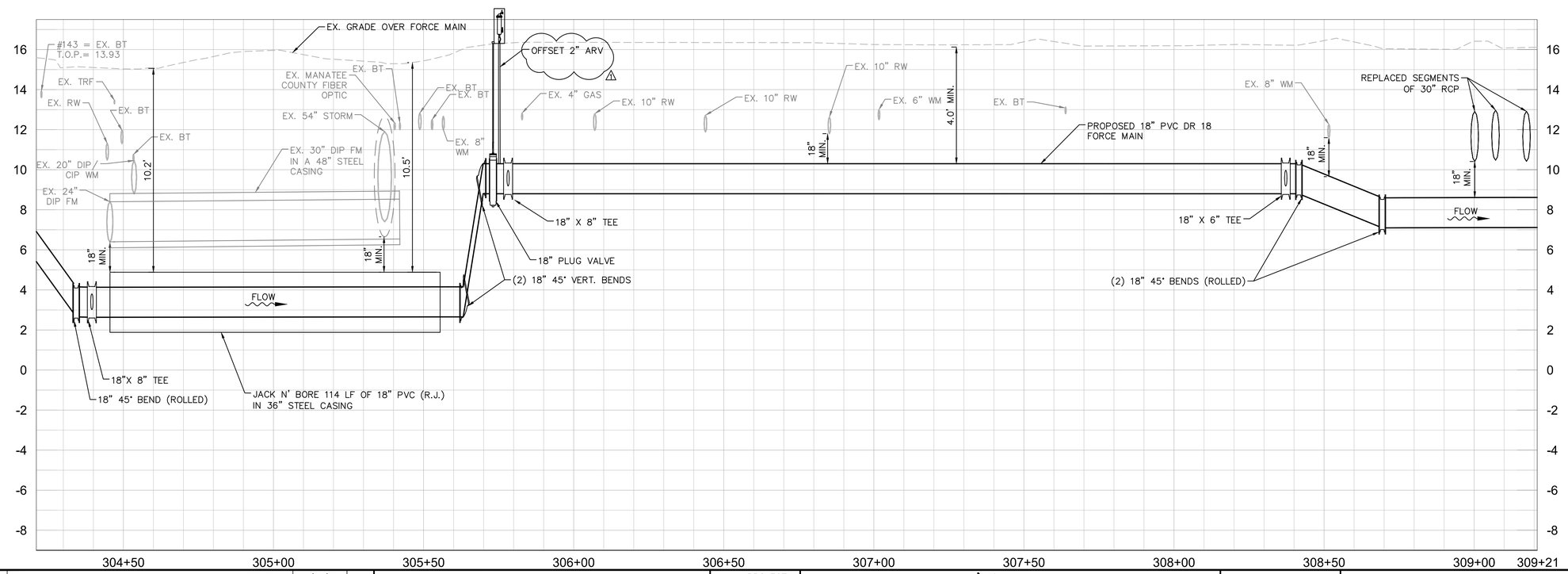
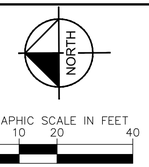
By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:29 February 17, 2017 10:53:37am K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.2 66th PLAN & PROFILE .dwg





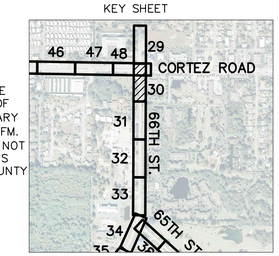


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTE:

1. CONTRACTOR SHALL TAKE EXTREME CAUTION WHEN WORKING AROUND EXISTING COUNTY FIBER OPTIC LINE
2. REFER TO SHEET 2 FOR SUE INFORMATION
3. CONTRACTOR SHALL REFER TO FDOT INDEX 280 FOR REMOVAL AND REPLACEMENT OF RCP.

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

Manatee County Florida

FORCE MAIN 1M REHABILITATION

MANATEE COUNTY FL

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

PLAN & PROFILE (66TH STREET)

SHEET NUMBER
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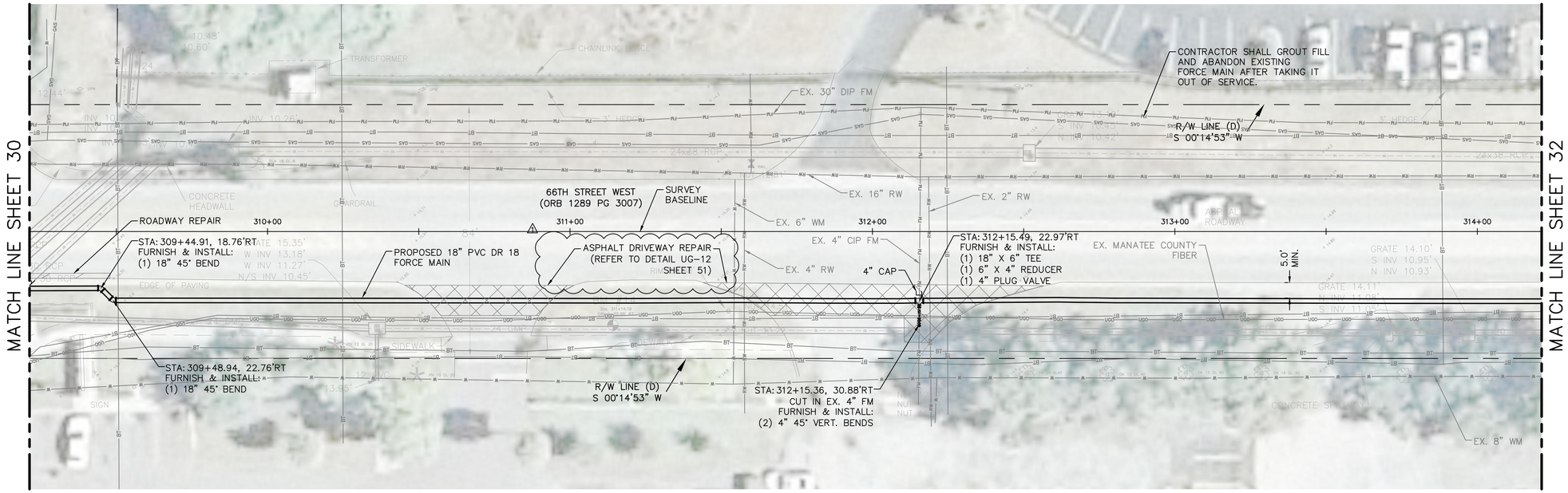
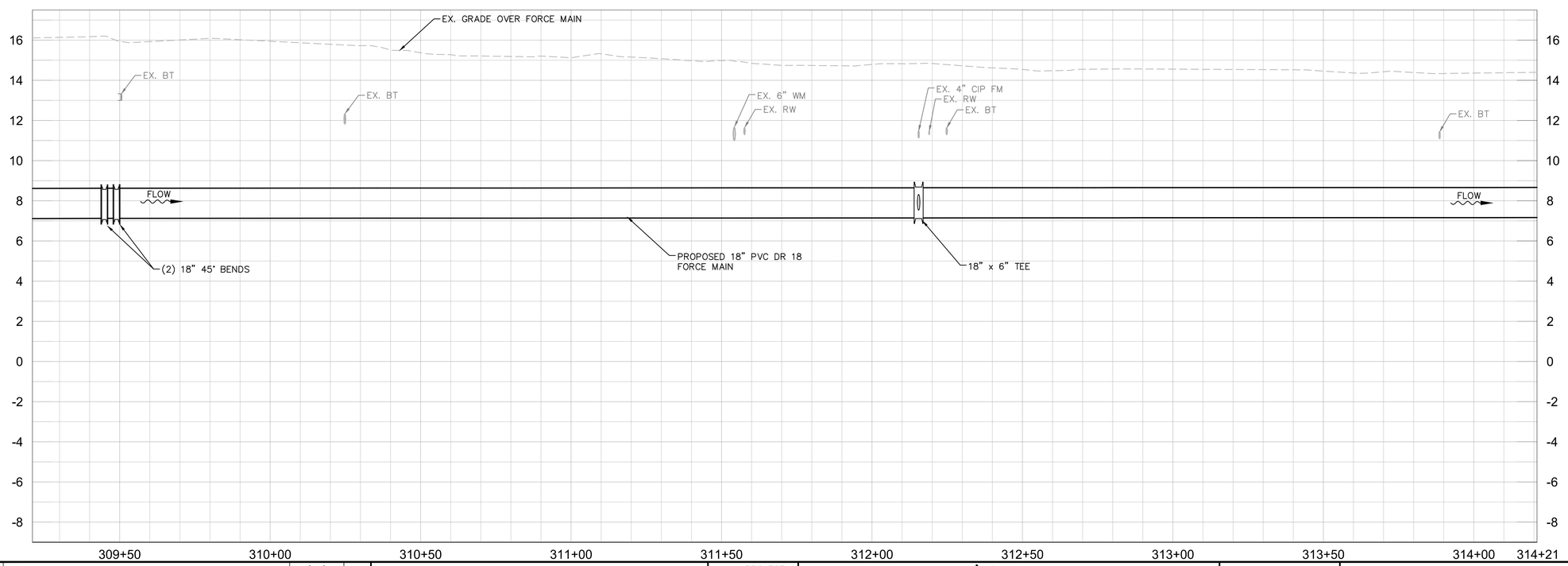
By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:30 February 17, 2017 10:54:16am K:\tam_civil\148400 – manatee county\003 – force main 1m rehabilitation\CADD\plansheets\C-0.2 66th PLAN & PROFILE .dwg





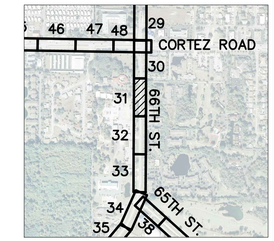
NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

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

NOTE:
1. CONTRACTOR SHALL TAKE EXTREME CAUTION WHEN WORKING AROUND EXISTING COUNTY FIBER OPTIC LINE
2. REFER TO SHEET 2 FOR SUE INFORMATION
3. MILL & RESURFACE TRAVEL LANE EFFECTED BY DRIVEWAY REPAIR

KEY SHEET



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

Manatee County Florida

FORCE MAIN 1M REHABILITATION

MANATEE COUNTY FL

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

PLAN & PROFILE (66TH STREET)

SHEET NUMBER
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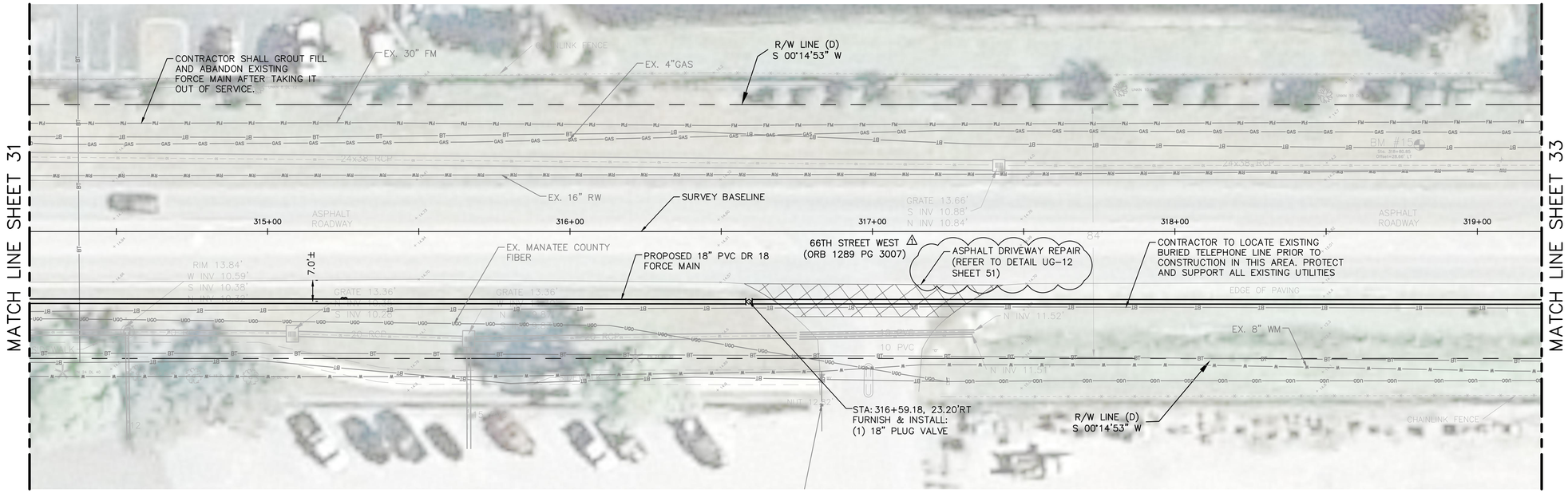
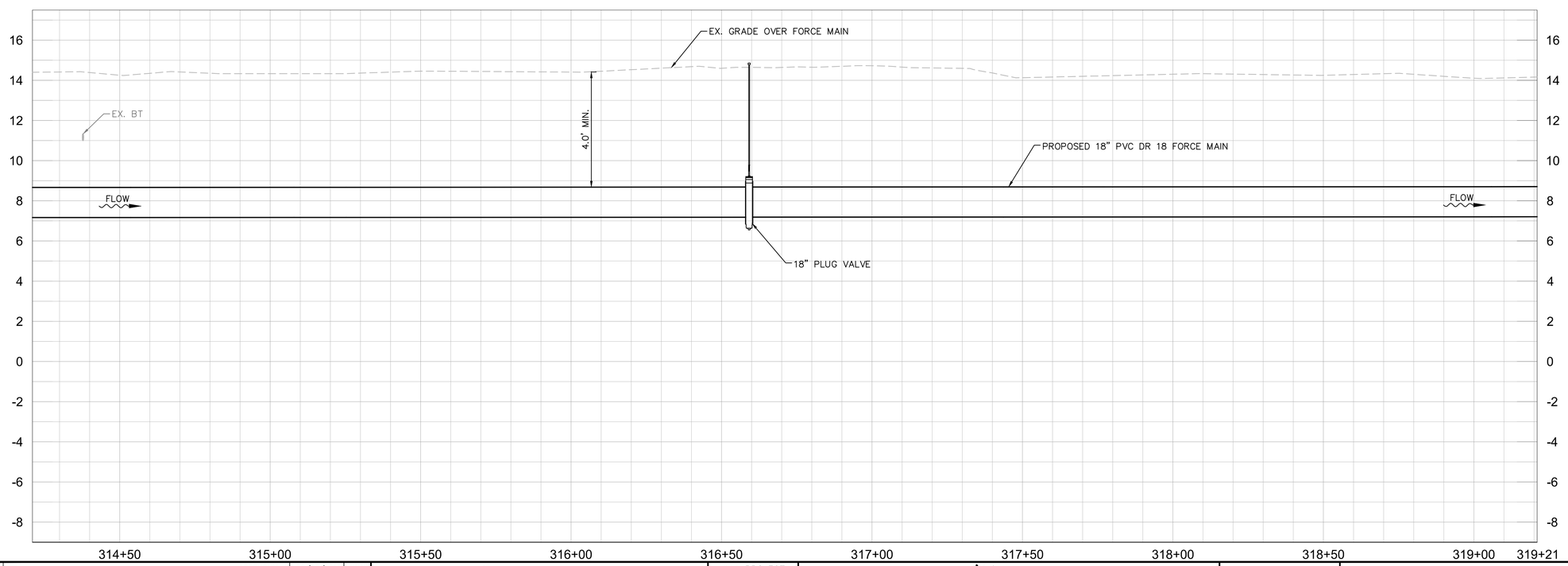
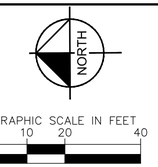
By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:31 February 17, 2017 10:54:54am K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.2 66th PLAN & PROFILE .dwg



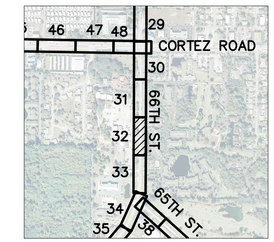




HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTE:
1. CONTRACTOR SHALL TAKE EXTREME CAUTION WHEN WORKING AROUND EXISTING COUNTY FIBER OPTIC LINE
2. REFER TO SHEET 2 FOR SUE INFORMATION
3. MILL & RESURFACE TRAVEL LANE EFFECTED BY DRIVEWAY REPAIR

KEY SHEET



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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

Manatee County Florida

FORCE MAIN 1M REHABILITATION

MANATEE COUNTY FL

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

PLAN & PROFILE (66TH STREET)

SHEET NUMBER
32

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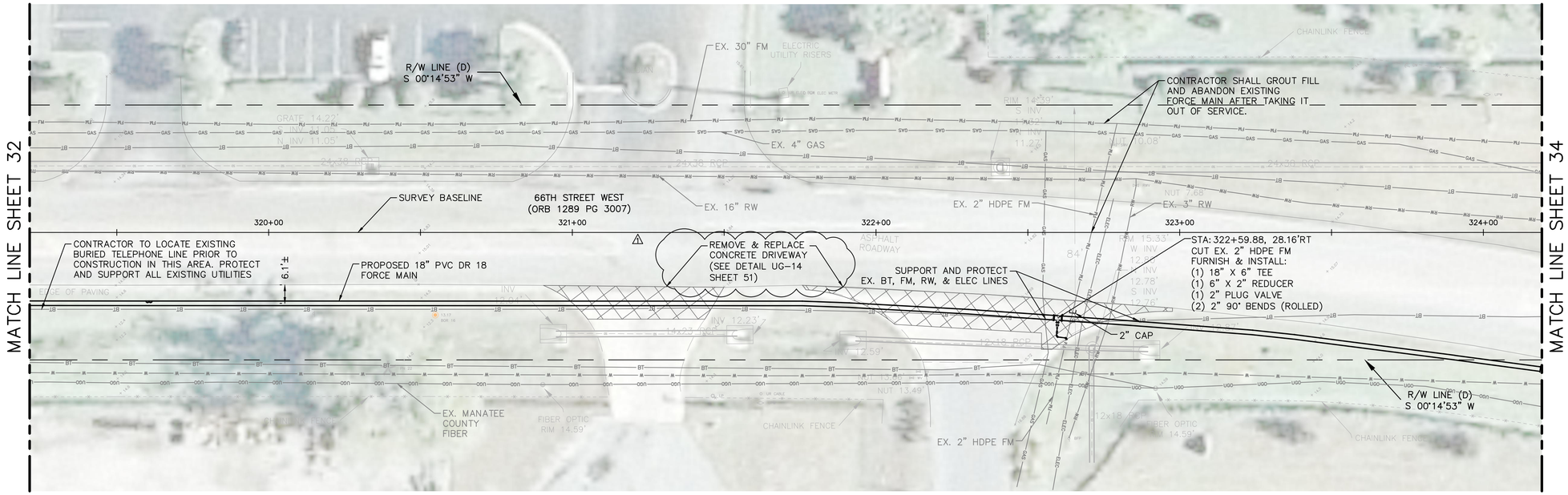
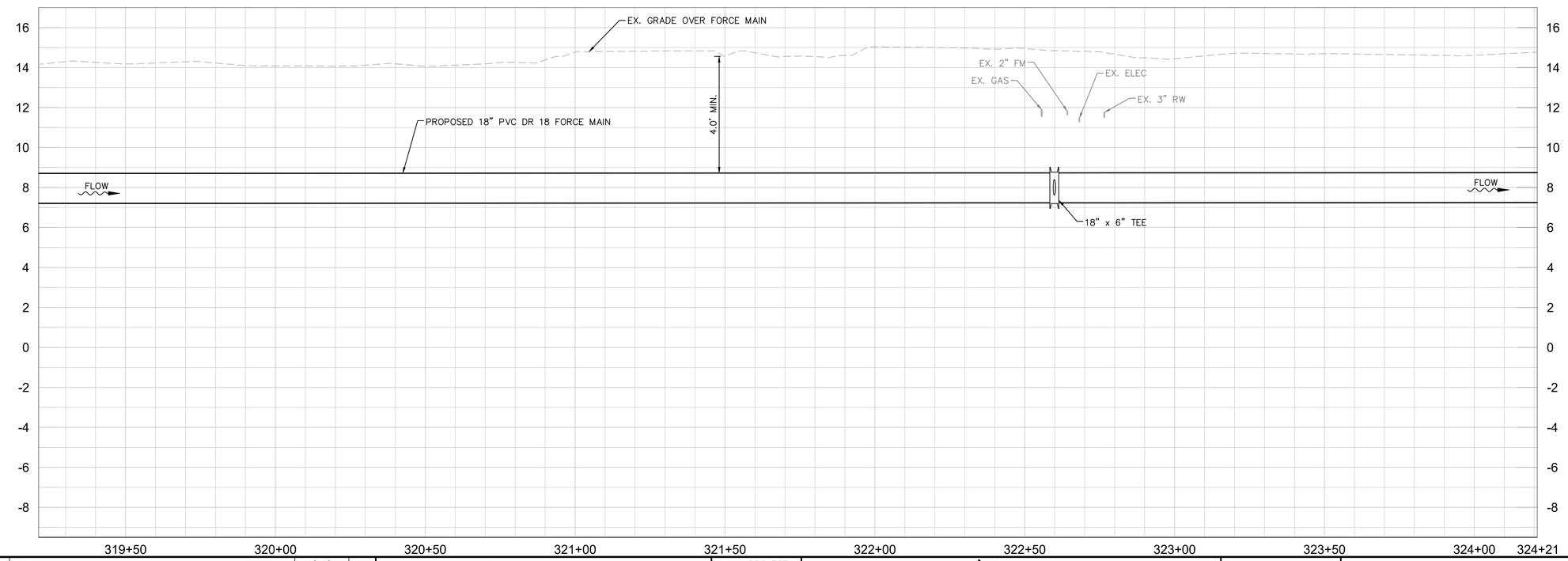
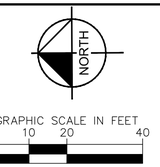
By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:32 February 17, 2017 10:55:28am K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.2 66th PLAN & PROFILE .dwg







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

NOTE:
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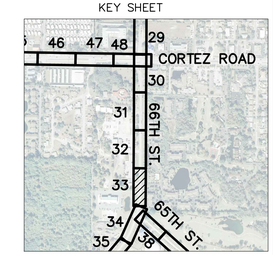
2. REFER TO SHEET 2 FOR SUE INFORMATION

KEY SHEET



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

Manatee County Florida

FORCE MAIN 1M REHABILITATION

MANATEE COUNTY FL

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

PLAN & PROFILE (66TH STREET)

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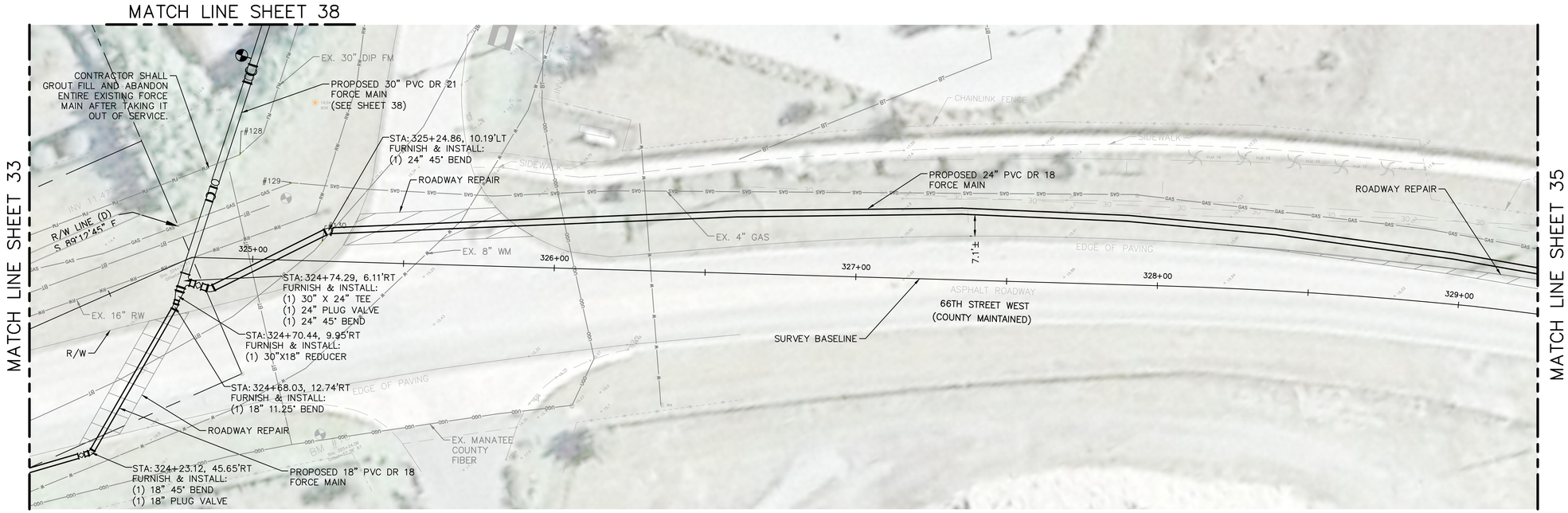
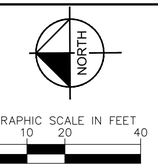
By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:33 February 17, 2017 10:56:01am K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.2 66th PLAN & PROFILE .dwg



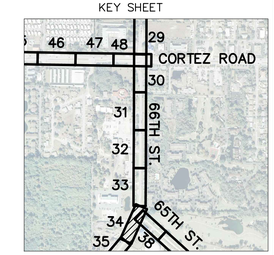


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTE:

1. CONTRACTOR SHALL TAKE EXTREME CAUTION WHEN WORKING AROUND EXISTING COUNTY FIBER OPTIC LINE.
2. CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING AROUND EXISTING 4-INCH GAS MAIN AND TRY TO MAINTAIN A MINIMUM 48-INCH SEPARATION.
3. REFER TO SHEET 2 FOR SUE INFORMATION

KEY SHEET



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

Manatee County Florida

FORCE MAIN 1M REHABILITATION

MANATEE COUNTY FL

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

PLAN & PROFILE (66TH STREET)

SHEET NUMBER 34

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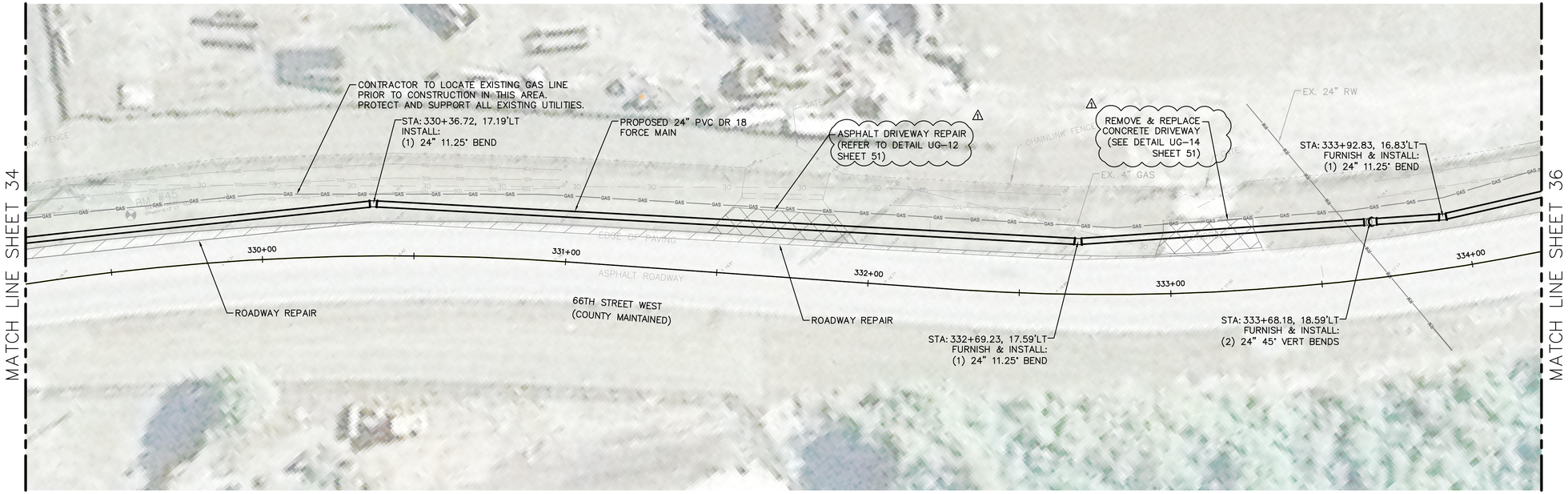
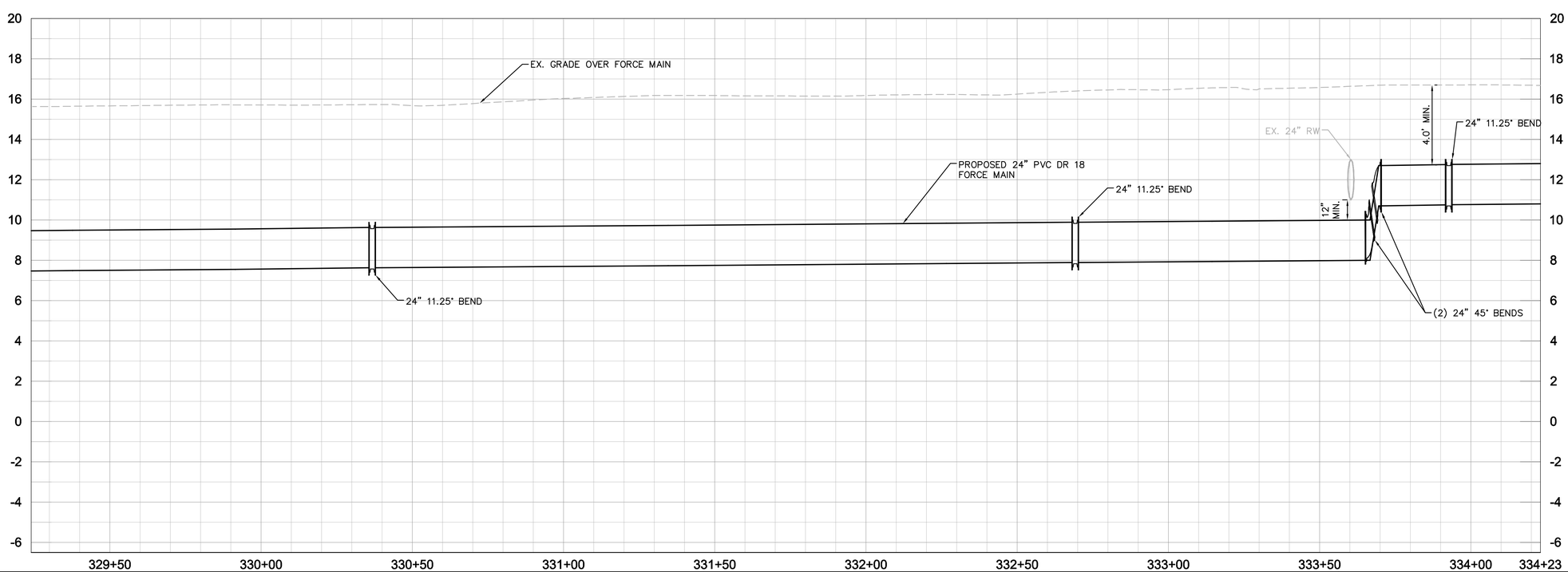
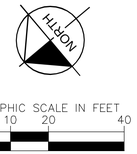
By:Kender, Madeline Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:34 September 06, 2016 05:14:14pm K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.2 66th PLAN & PROFILE .dwg





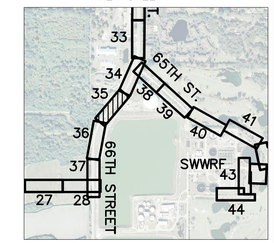


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTE:

1. CONTRACTOR SHALL TAKE EXTREME CAUTION WHEN WORKING AROUND EXISTING COUNTY FIBER OPTIC LINE.
2. CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING AROUND EXISTING 4-INCH GAS MAIN AND TRY TO MAINTAIN A MINIMUM 48-INCH SEPARATION.
3. REFER TO SHEET 2 FOR SUE INFORMATION
4. MILL & RESURFACE TRAVEL LANE EFFECTED BY DRIVEWAY REAPAIR

KEY SHEET



GROUNDWATER / DEWATERING NOTE:

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KHA PROJECT 148400003
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Manatee County FLORIDA

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MANATEE COUNTY FL

LICENSED PROFESSIONAL
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DATE:

PLAN & PROFILE (66TH STREET)

SHEET NUMBER 35

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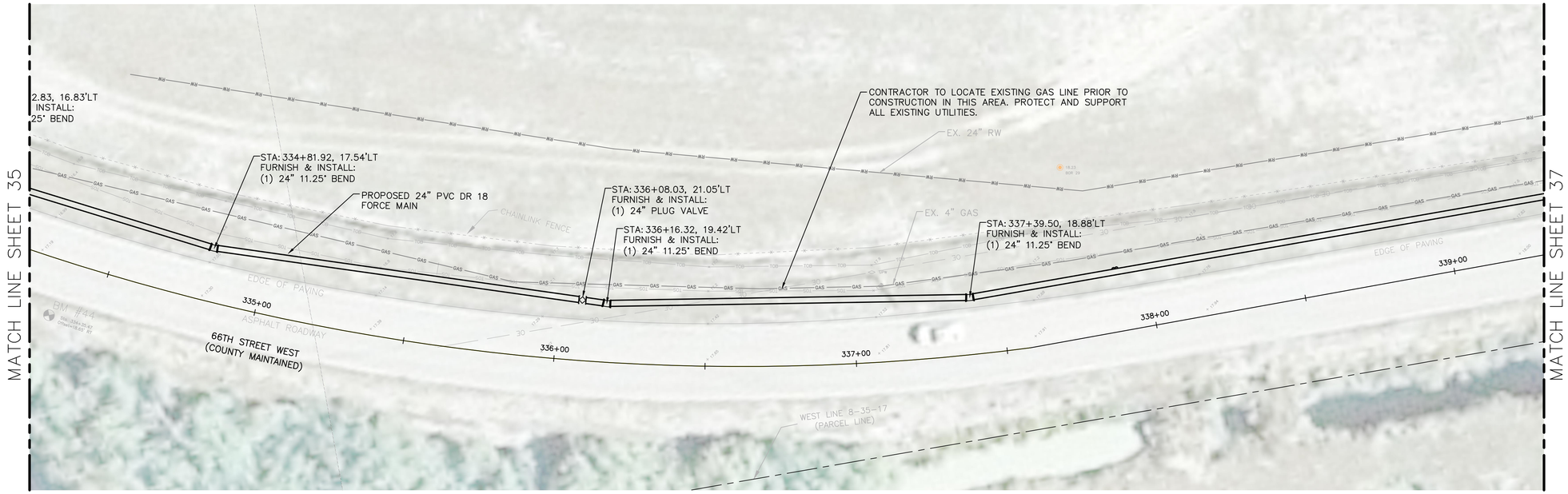
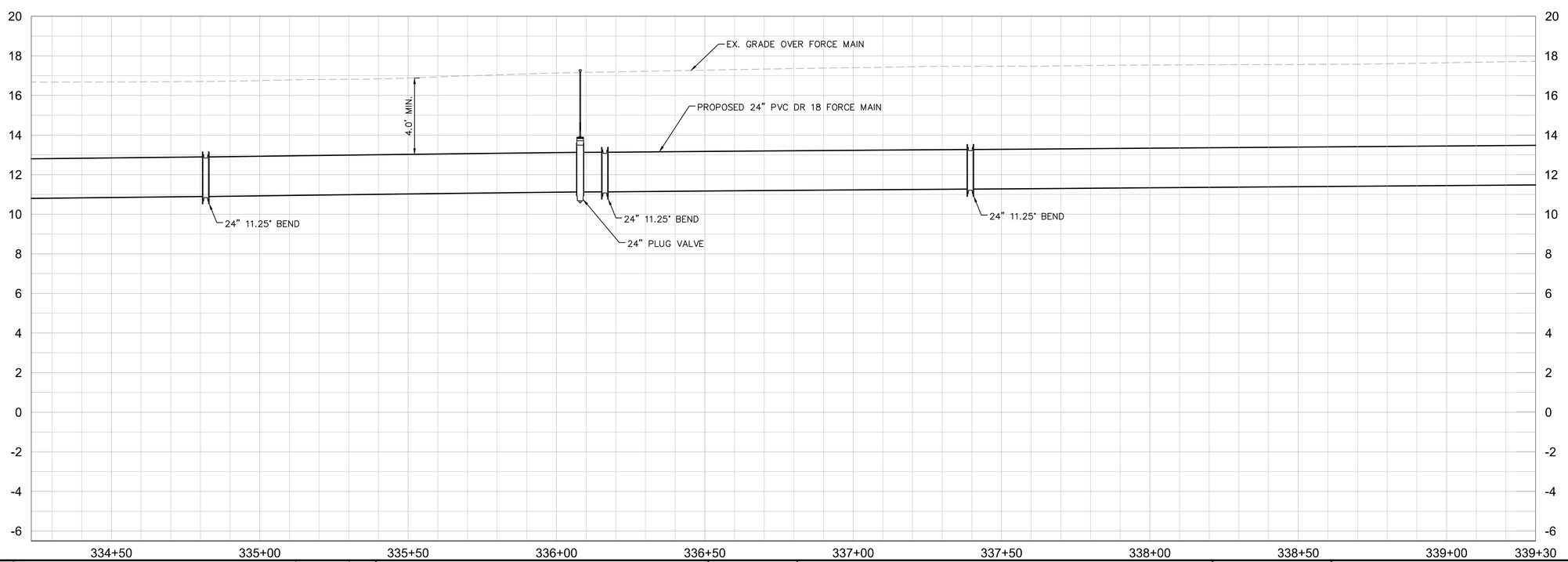
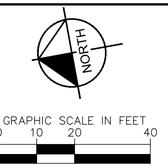
y:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:35 February 17, 2017 10:11:45am K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.3 South 66th PLAN & PROFILE.dwg





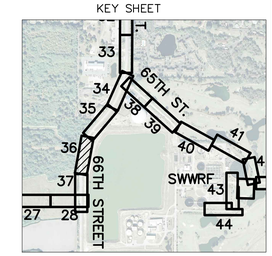


HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTE:

1. CONTRACTOR SHALL TAKE EXTREME CAUTION WHEN WORKING AROUND EXISTING COUNTY FIBER OPTIC LINE.
2. CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING AROUND EXISTING 4-INCH GAS MAIN AND TRY TO MAINTAIN A MINIMUM 48-INCH SEPARATION.
3. 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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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 FLORIDA

FORCE MAIN 1M REHABILITATION

MANATEE COUNTY FL

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

PLAN & PROFILE (66TH STREET)

SHEET NUMBER
36

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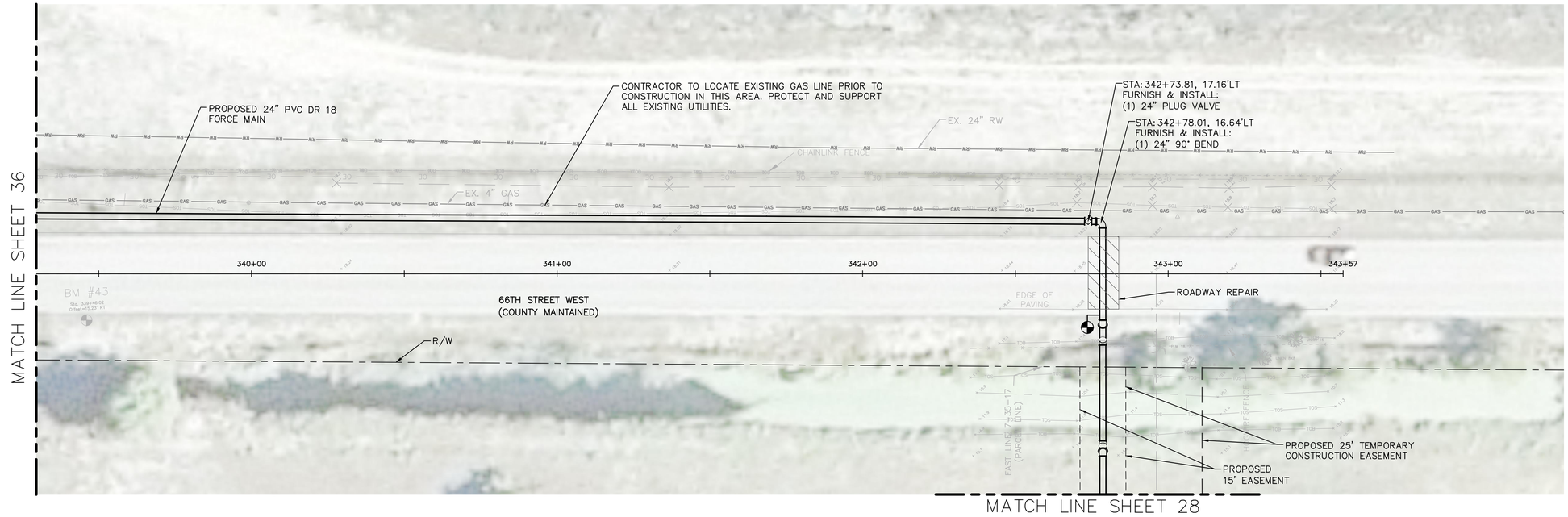
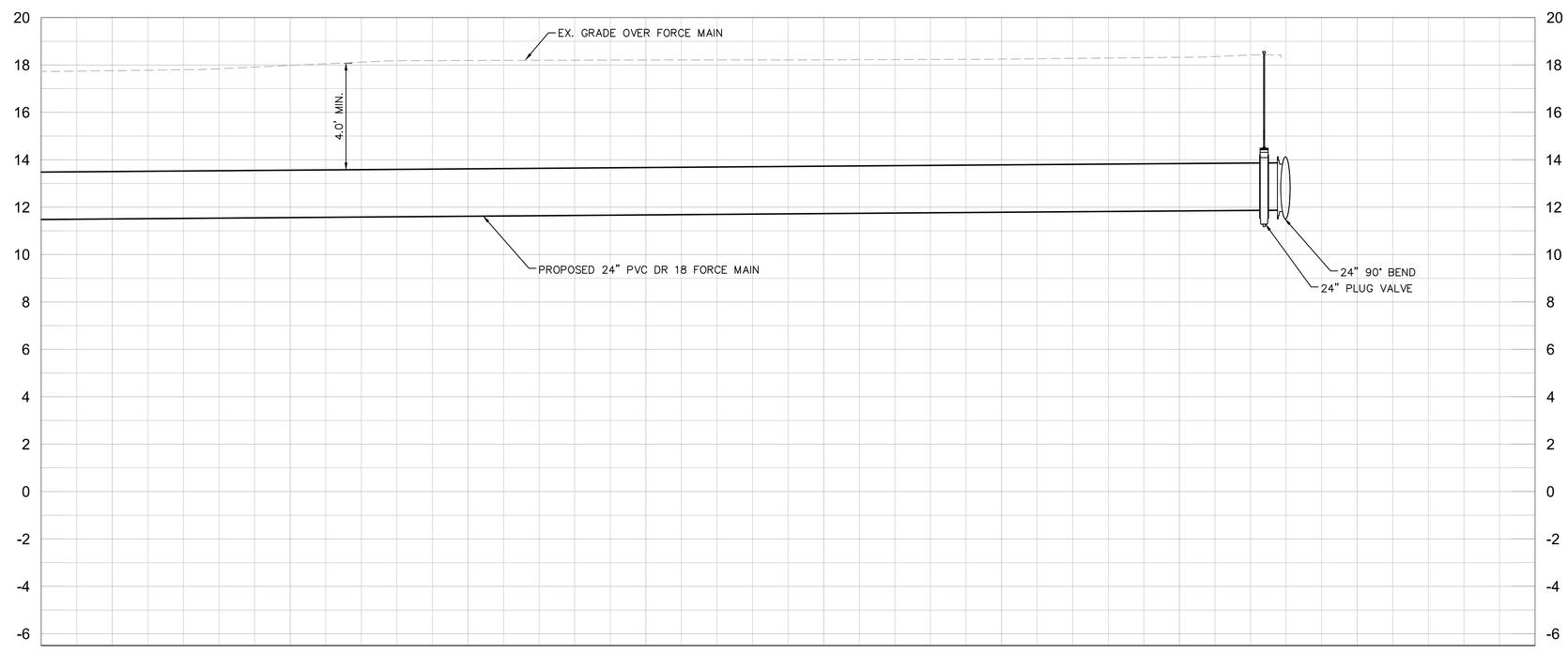
By:Ecker, Sarah Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:36 August 31, 2016 09:17:02am K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.3 South 66th PLAN & PROFILE.dwg





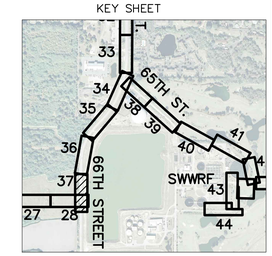
NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

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

NOTE:
1. CONTRACTOR SHALL TAKE EXTREME CAUTION WHEN WORKING AROUND EXISTING COUNTY FIBER OPTIC LINE.
2. CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING AROUND EXISTING 4-INCH GAS MAIN AND TRY TO MAINTAIN A MINIMUM 48-INCH SEPARATION.
3. REFER TO SHEET 2 FOR SUE INFORMATION

KEY SHEET



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

Manatee County Florida

FORCE MAIN 1M REHABILITATION

MANATEE COUNTY FL

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

PLAN & PROFILE (66TH STREET)

SHEET NUMBER
37

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By:Kender, Madeline Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:37 September 06, 2016 05:16:30pm K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.3 South 66th PLAN & PROFILE.dwg

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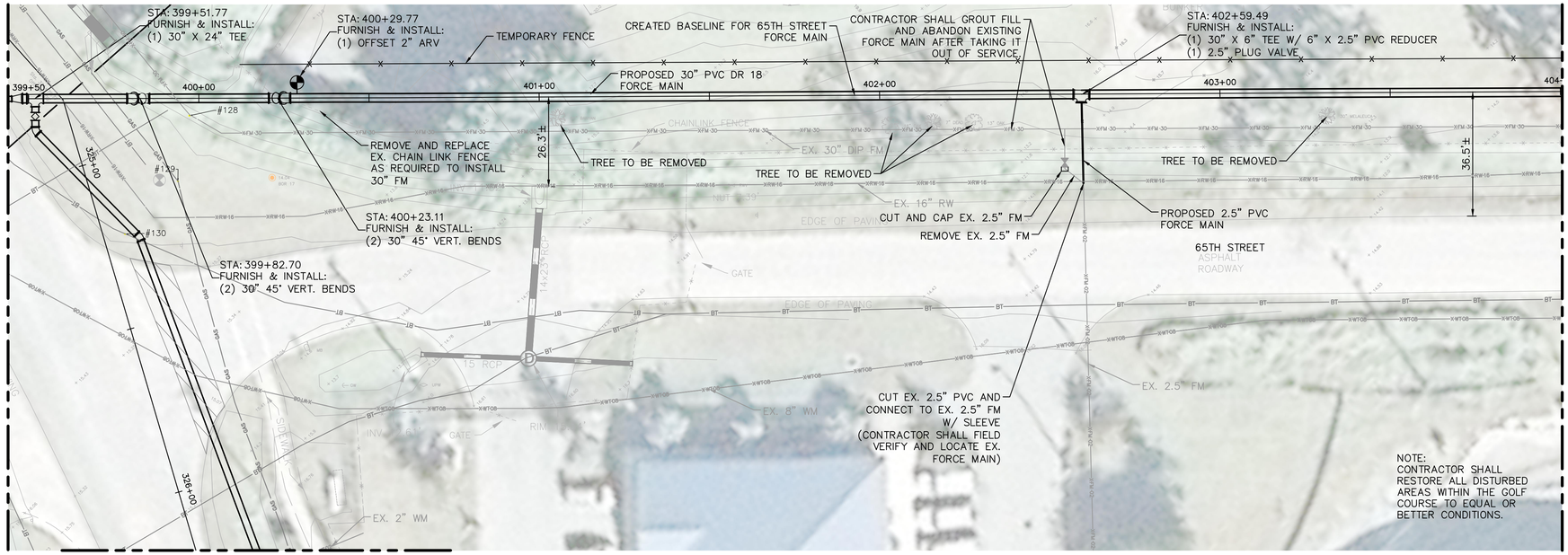
Plotted By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:38 PLAN & PROFILE February 17, 2017 11:08:25am K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.1 PLAN & PROFILE.dwg



NORTH

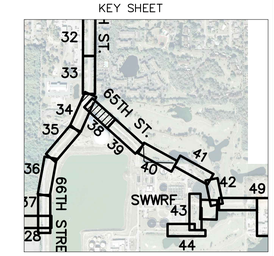
GRAPHIC SCALE IN FEET
0 10 20 40

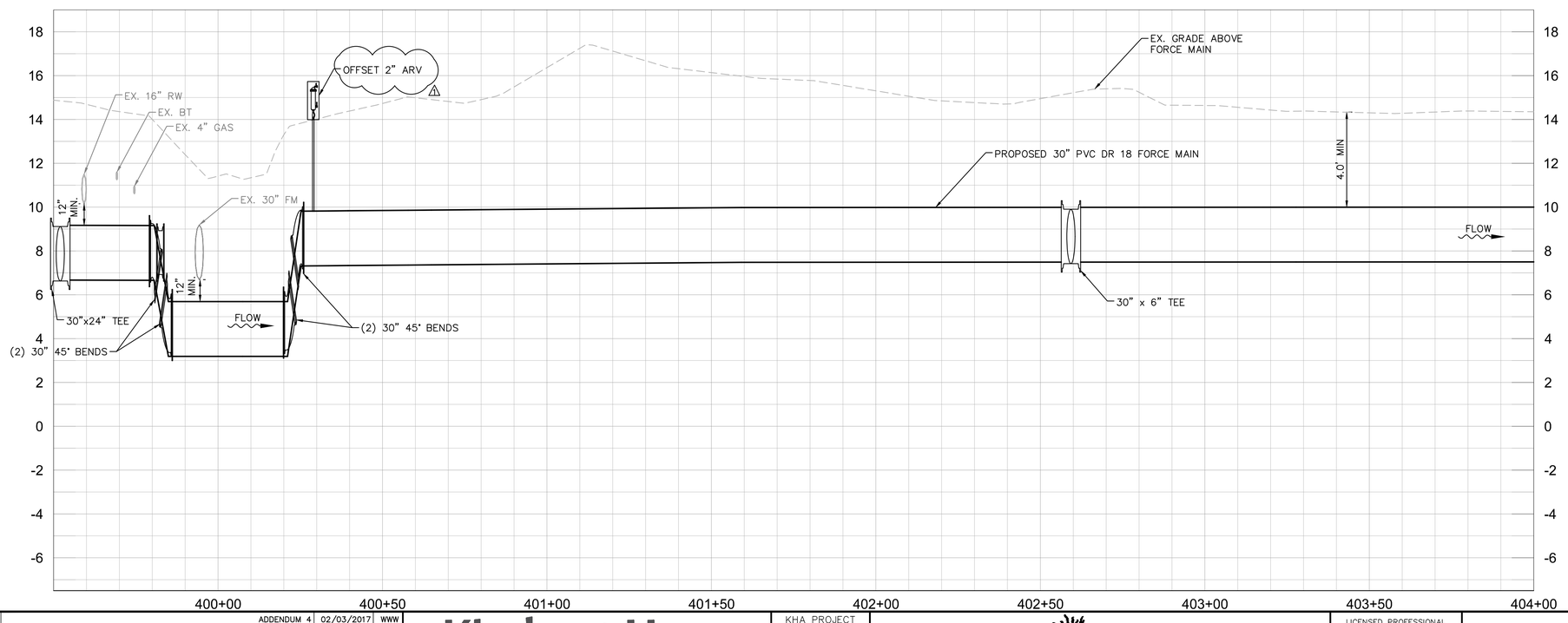
HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. CONTRACTOR SHALL MARK AND IDENTIFY ALL TREES WITHIN HIS/HERS PROPOSED WORK ZONE THAT WILL NEED TO BE REMOVED. ONCE COMPLETED CONTRACTOR SHALL NOTIFY OWNER/ENGINEER FOR APPROVAL TO REMOVE TREES.
2. REFER TO SHEET 2 FOR SUE INFORMATION.
3. CONTRACTOR SHALL PROVIDE A TEMPORARY FENCE TO PROTECT CONSTRUCTION AND LANDSCAPING.
4. CONTRACTOR SHALL REMOVE ALL TREES AND INVASIVE SPECIES IN CONFLICT WITH PROPOSED FORCE MAIN AND LANDSCAPE BUFFER.

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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PHONE: 813-620-1460
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KHA PROJECT 148400003
DATE SEPT 2016
SCALE AS SHOWN
DESIGNED BY AMM
DRAWN BY JRT
CHECKED BY WWW

Manatee County Florida

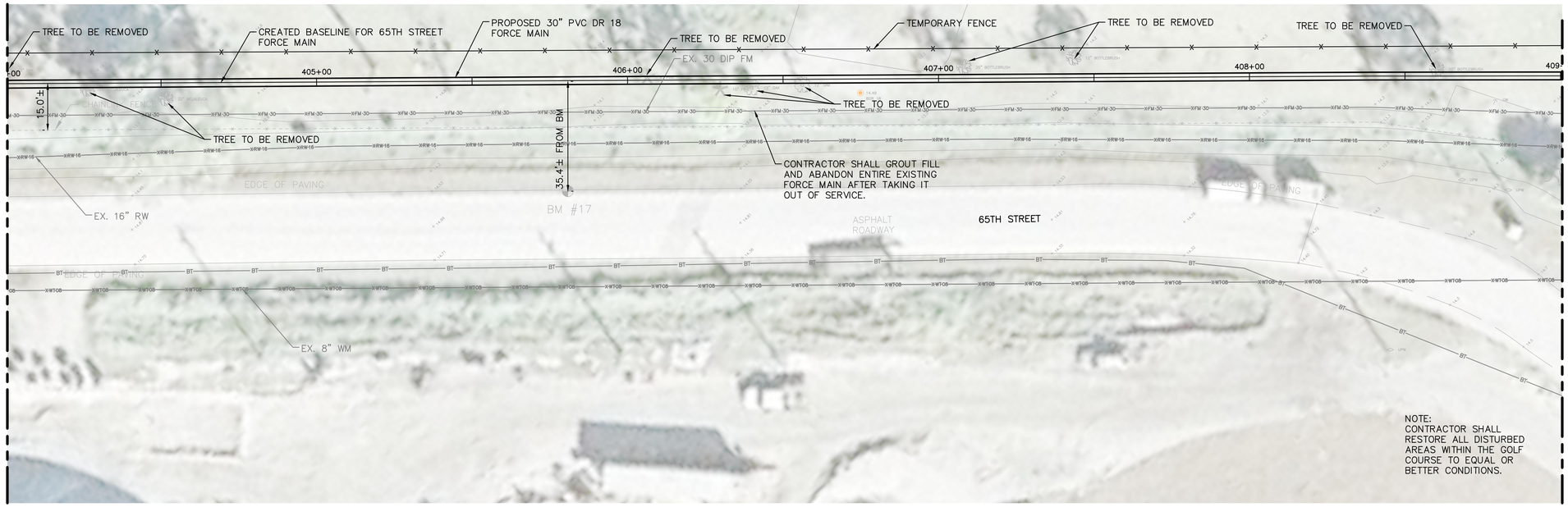
FORCE MAIN 1M REHABILITATION

MANATEE COUNTY FL

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

PLAN & PROFILE (65TH STREET)

SHEET NUMBER
38



NORTH

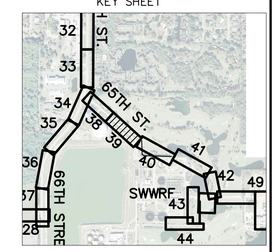
GRAPHIC SCALE IN FEET
0 10 20 40

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

NOTES:

1. CONTRACTOR SHALL MARK AND IDENTIFY ALL TREES WITHIN HIS/HERS PROPOSED WORK ZONE THAT WILL NEED TO BE REMOVED. ONCE COMPLETED CONTRACTOR SHALL NOTIFY OWNER/ENGINEER FOR APPROVAL TO REMOVE TREES.
2. REFER TO SHEET 2 FOR SUE INFORMATION.
3. CONTRACTOR SHALL PROVIDE A TEMPORARY FENCE TO PROTECT CONSTRUCTION AND LANDSCAPING.
4. CONTRACTOR SHALL REMOVE ALL TREES AND INVASIVE SPECIES IN CONFLICT WITH PROPOSED FORCE MAIN AND LANDSCAPE BUFFER.

KEY SHEET



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

Manatee County FLORIDA

FORCE MAIN 1M REHABILITATION

MANATEE COUNTY FL

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

PLAN & PROFILE (65TH STREET)

SHEET NUMBER 39

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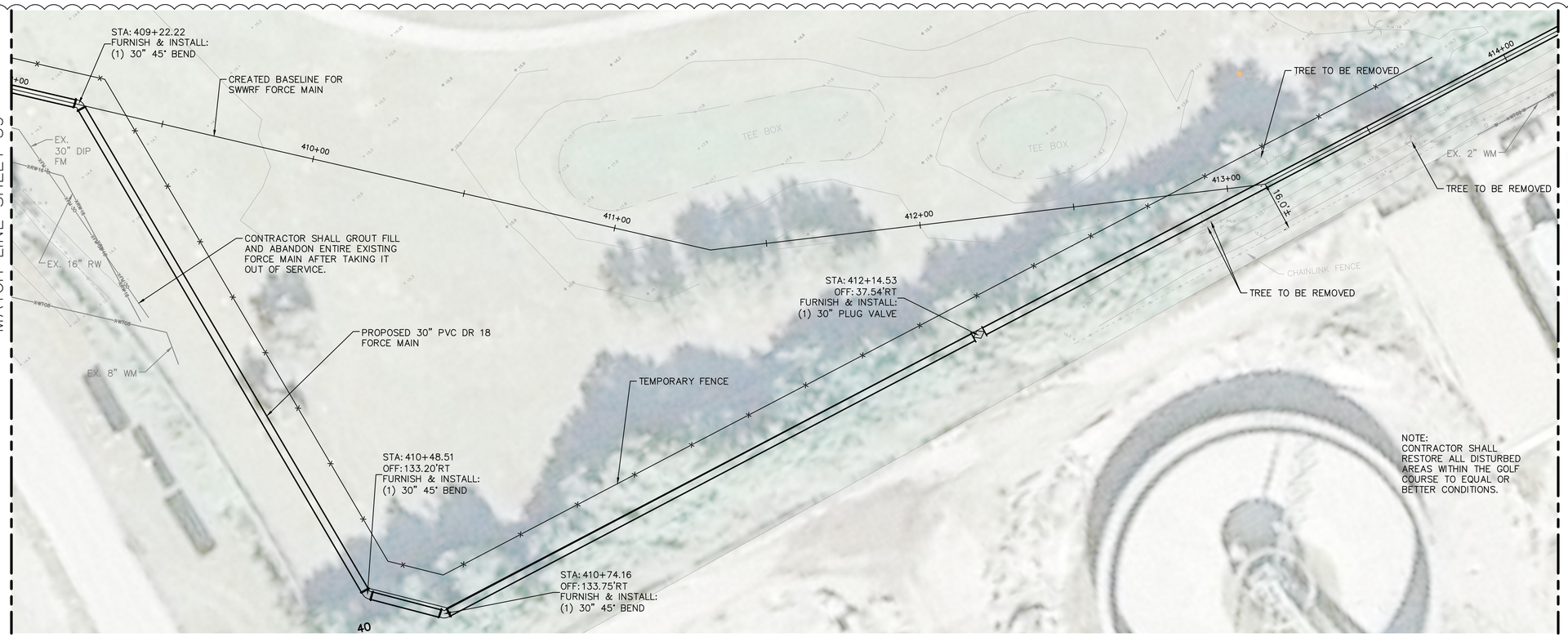
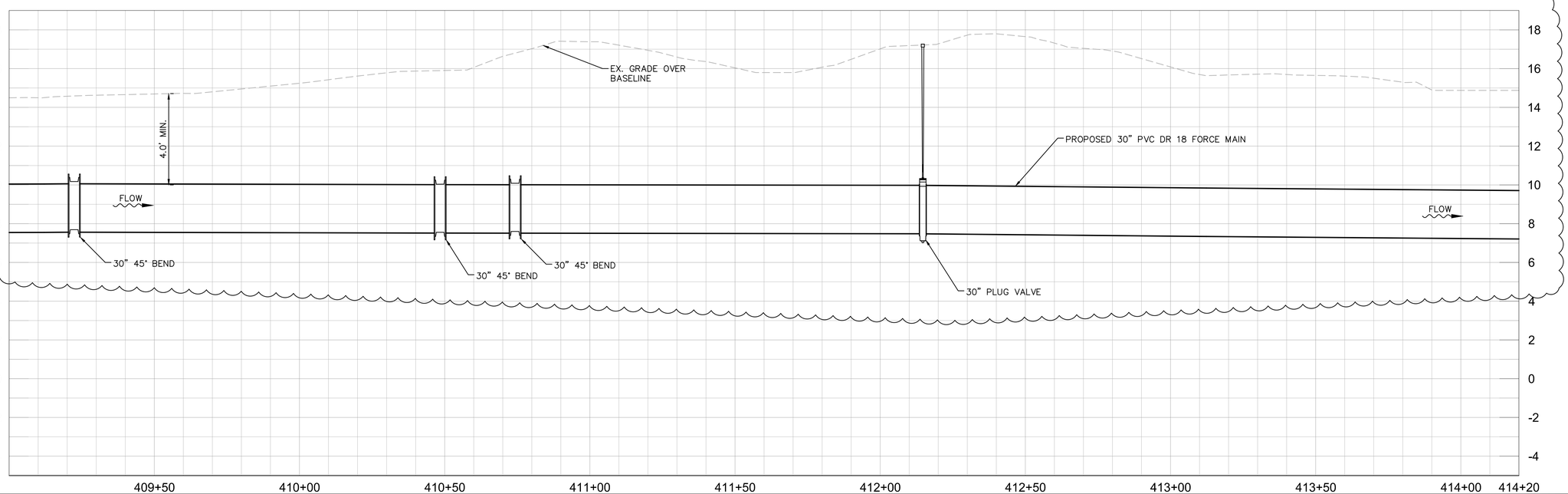
Plotted By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:39 PLAN & PROFILE February 17, 2017 11:09:07am K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.1 PLAN & PROFILE.dwg





NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

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

NOTES:

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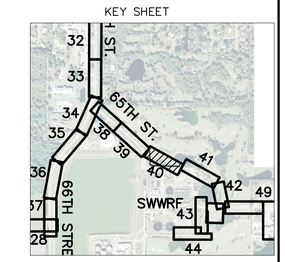
KEY SHEET



GROUNDWATER / DEWATERING NOTE:

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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

Manatee County FLORIDA

FORCE MAIN 1M REHABILITATION

MANATEE COUNTY FL

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

PLAN & PROFILE (SWWRF)

SHEET NUMBER 40

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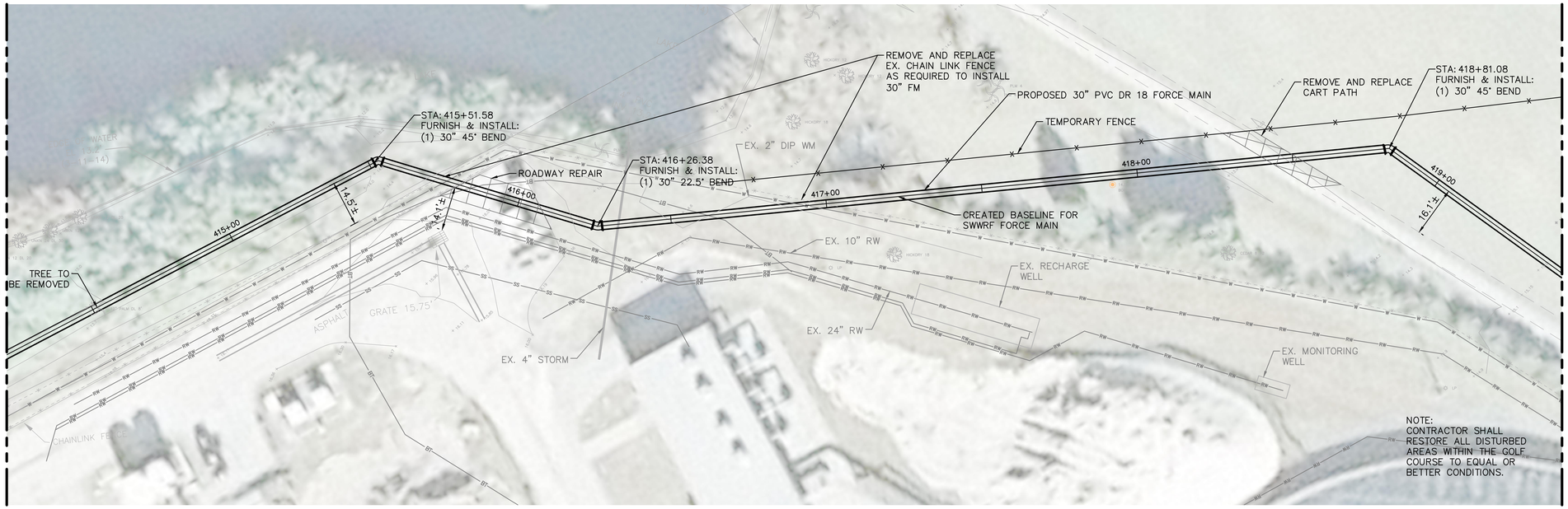
Plotted By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:40 PLAN & PROFILE February 17, 2017 11:09:52am K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.1 PLAN & PROFILE.dwg



NORTH

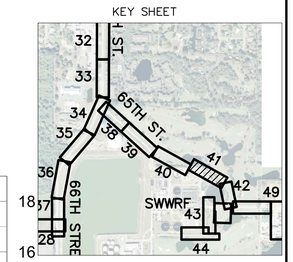
GRAPHIC SCALE IN FEET
0 10 20 40

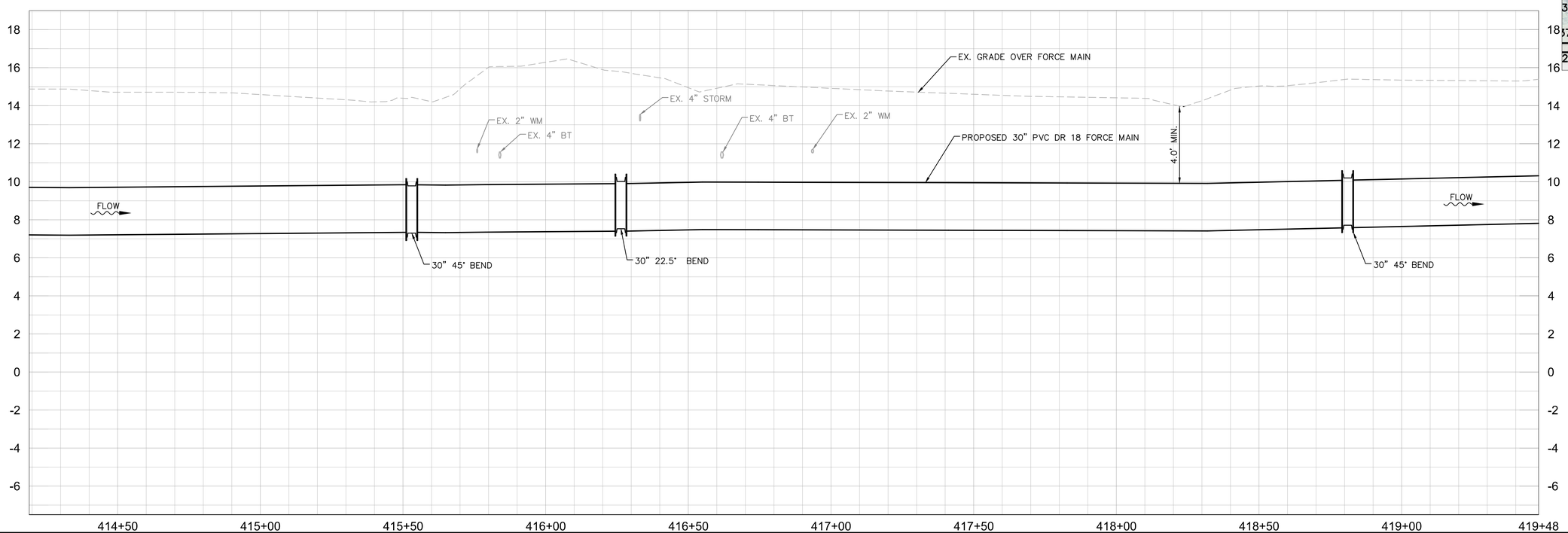
HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. CONTRACTOR SHALL MARK AND IDENTIFY ALL TREES WITHIN HIS/HERS PROPOSED WORK ZONE THAT WILL NEED TO BE REMOVED. ONCE COMPLETED CONTRACTOR SHALL NOTIFY OWNER/ENGINEER FOR APPROVAL TO REMOVE TREES.
2. REFER TO SHEET 2 FOR SUE INFORMATION.
3. CONTRACTOR SHALL PROVIDE A TEMPORARY FENCE TO PROTECT CONSTRUCTION AND LANDSCAPING.
4. CONTRACTOR SHALL REMOVE ALL TREES AND INVASIVE SPECIES IN CONFLICT WITH PROPOSED FORCE MAIN AND LANDSCAPE BUFFER.

KEY SHEET





GROUNDWATER / DEWATERING NOTE:

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1	ADDENDUM 4	02/03/2017	WWW

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

Manatee County FLORIDA

FORCE MAIN 1M REHABILITATION

MANATEE COUNTY FL

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

PLAN & PROFILE (SWWRF)

SHEET NUMBER 41

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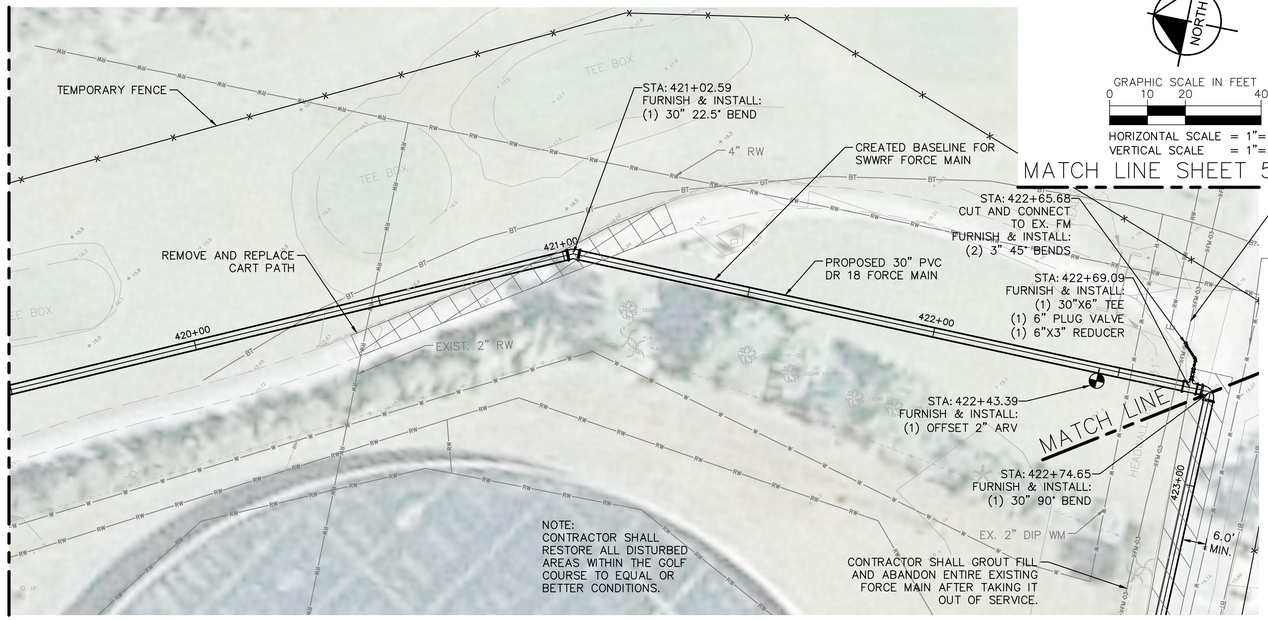
Plotted By:Bohrmann, Lindsey Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:41 PLAN & PROFILE February 17, 2017 11:00:39am K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.1 SWWRF PLAN & PROFILE.dwg

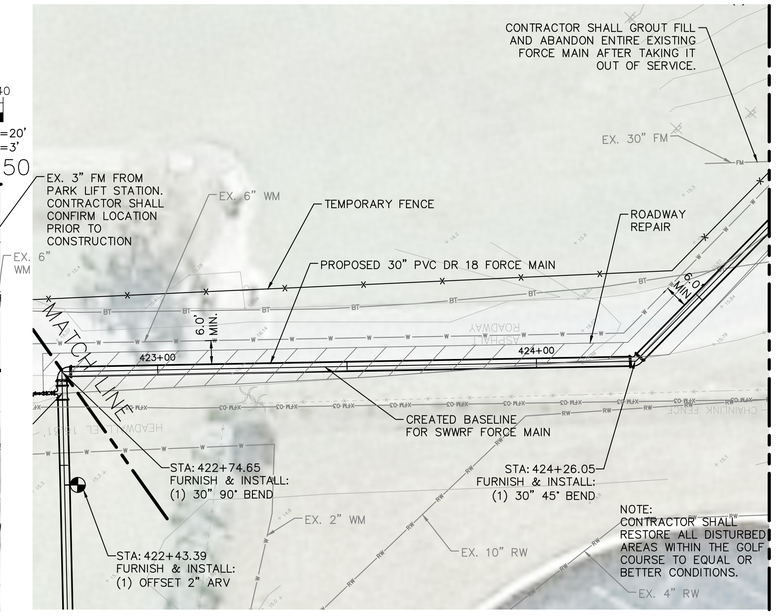


NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

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

MATCH LINE SHEET 50



NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

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

MATCH LINE SHEET 43

NOTES:

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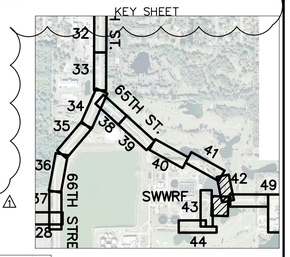
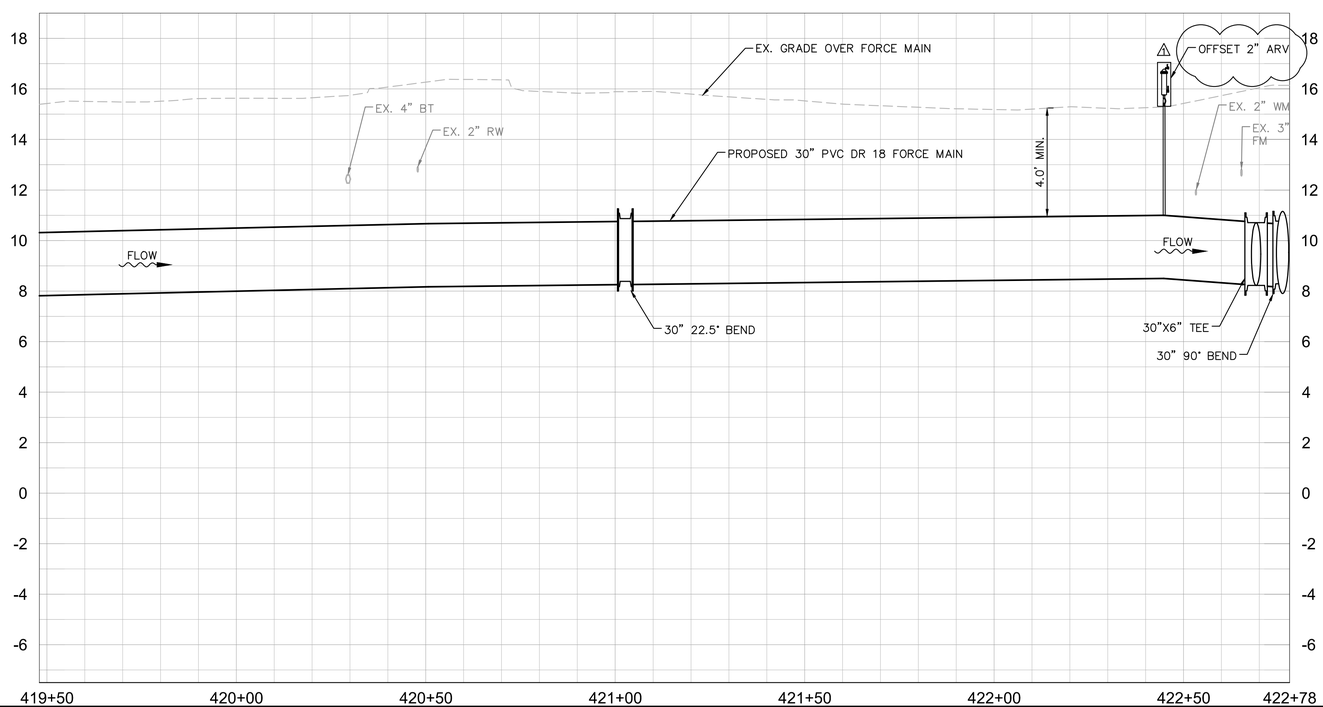
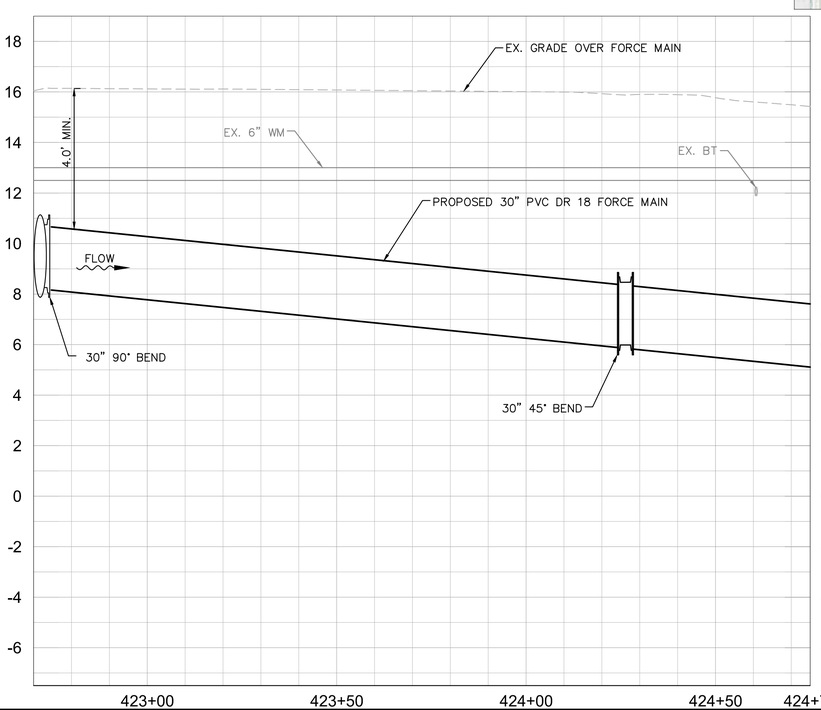
2. REFER TO SHEET 2 FOR SUE INFORMATION.
3. CONTRACTOR SHALL PROVIDE A TEMPORARY FENCE TO PROTECT CONSTRUCTION AND LANDSCAPING.
4. CONTRACTOR SHALL PROVIDE MEANS FOR A TEMPORARY DRIVE TO ALLOW ACCESS TO GOLF COURSE MAINTENANCE AND COUNTY PARKS AND RECREATION.

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

Kimley»Horn

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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 FLORIDA

FORCE MAIN 1M REHABILITATION

MANATEE COUNTY FL

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

PLAN & PROFILE (SWWRF)

SHEET NUMBER
42

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Plotted By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:42 PLAN & PROFILE February 17, 2017 11:01:39am K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.1 SWWRF PLAN & PROFILE.dwg

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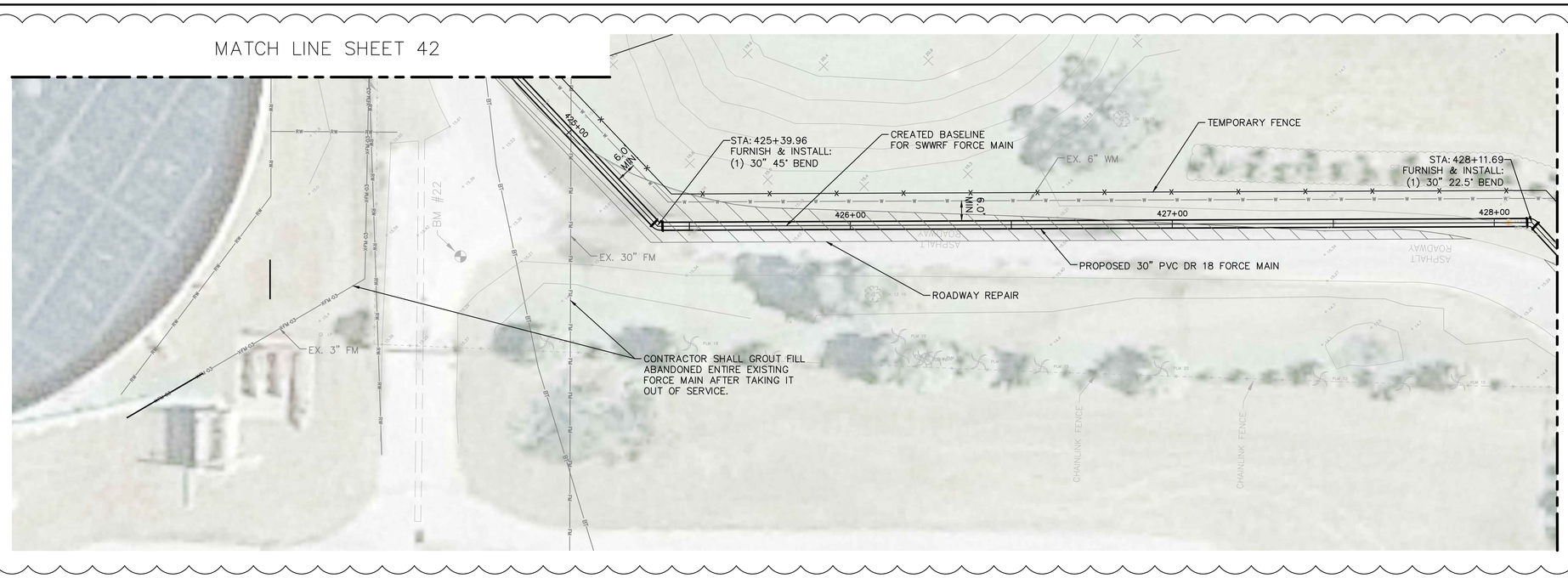
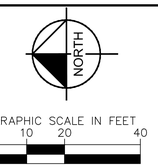
Plotted By:Bohmann, Lindsey Sheet Set:MANATEE COUNTY FM1M REHABILITATION Layout:43 PLAN & PROFILE February 17, 2017 11:02:13am K:\tam_civil\148400 - manatee county\003 - force main 1m rehabilitation\CADD\plansheets\C-0.1 SWWRF PLAN & PROFILE.dwg



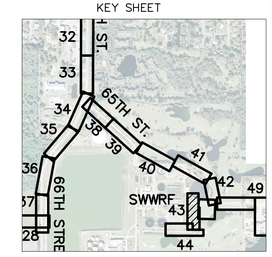


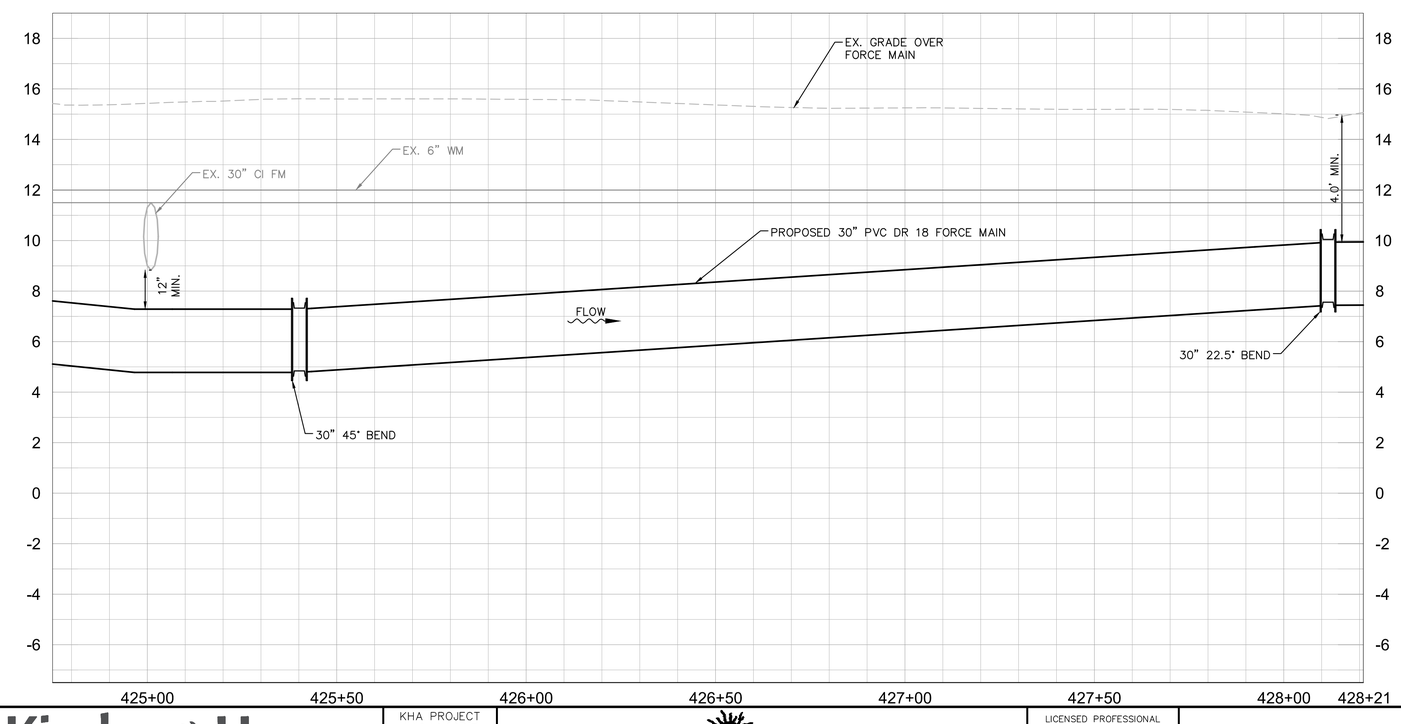
HORIZONTAL SCALE = 1"=20'
VERTICAL SCALE = 1"=3'

NOTES:

1. CONTRACTOR SHALL MARK AND IDENTIFY ALL TREES WITHIN HIS/HERS PROPOSED WORK ZONE THAT WILL NEED TO BE REMOVED. ONCE COMPLETED CONTRACTOR SHALL NOTIFY OWNER/ENGINEER FOR APPROVAL TO REMOVE TREES.
2. REFER TO SHEET 2 FOR SUE INFORMATION.
3. CONTRACTOR SHALL PROVIDE A TEMPORARY FENCE TO PROTECT CONSTRUCTION AND LANDSCAPING.
4. CONTRACTOR SHALL PROVIDE MEANS FOR A TEMPORARY DRIVE TO ALLOW ACCESS TO GOLF COURSE MAINTENANCE AND COUNTY PARKS AND RECREATION.

KEY SHEET





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