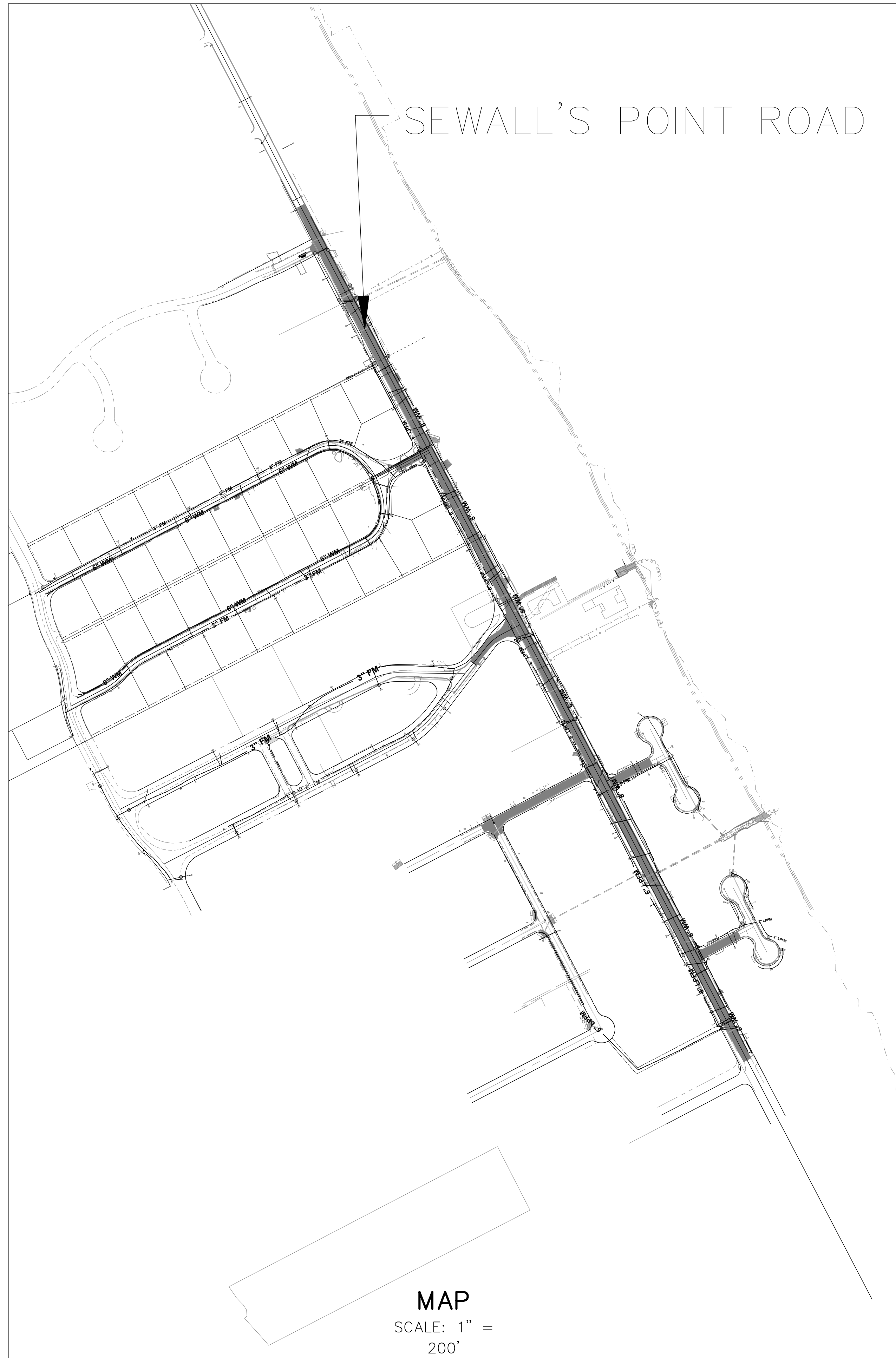
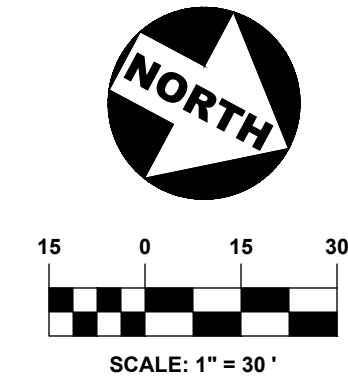


B Betsy Lindsay, Inc.

A DIVISION OF HALEY WARD, INC.

7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
 (772)286-5753 (772)286-5933 FAX
 LICENSED BUSINESS NO. 6852
RECORD SURVEY
IN-PROGRESS
 JOB NO. 21-23



MAP
 SCALE: 1" = 200'

ABBREVIATIONS

- BL BETSY LINDSAY, INC.
- (C) COMPUTED PER FOUND MONUMENTATION
- CBS CONCRETE BLOCK STRUCTURE
- CLF CHAIN LINK FENCE
- CM CONCRETE MONUMENT
- CMP CORRUGATED METAL PIPE
- CONC. CONCRETE
- DIA. DIAMETER
- D.E. DRAINAGE EASEMENT
- EL. ELEVATION
- FFE FINISHED FLOOR ELEVATION
- FND. FOUND
- HDPE HIGH DENSITY POLYETHYLENE PIPE
- INV. INVERT
- IP IRON PIPE
- IR IRON ROD
- IRC IRON ROD & CAP
- LB LICENSED BUSINESS
- MNW MAG NAIL & WASHER
- NO. NUMBER
- O.R.B. OFFICIAL RECORDS BOOK
- (P) PER PLAT
- P.B. PLAT BOOK
- PG. PAGE
- PL PROPERTY LINE
- P.L.S. PROFESSIONAL LAND SURVEYOR
- P.S.M. PROFESSIONAL SURVEYOR & MAPPER
- P.U.E. PRIVATE U.E.
- PVC POLY VINYL CHLORIDE PIPE
- RCP REINFORCED CONCRETE PIPE
- TBM TEMPORARY BENCHMARK
- U.E. UTILITY EASEMENT

SYMBOL LEGEND

- x 8.25 FIELD LOCATED POINT WITH ELEVATION (HARD SURFACE)
- x 8.2 FIELD LOCATED POINT WITH ELEVATION (SOFT SURFACE)
- MB MAIL BOX
- SIGN
- SANITARY MANHOLE
- * SPRINKLER
- ICB IRRIGATION CONTROL BOX
- ⊗ IRRIGATION VALVE
- PB WIRING PULL BOX
- TV CABLE TV RISER
- UNKNOWN UTILITY RISER
- ⊗ GATE VALVE
- ⊗ WATER VALVE
- WM WATER METER
- ⊗ FIRE HYDRANT
- EM ELECTRIC METER
- ⊗ ELEC ELECTRIC BOX
- ELECTRIC RISER
- LAMP POST
- ⊗ LANDSCAPE LIGHT
- ⊗ LIGHT POLE
- ALUMINUM/METAL LIGHT POLE
- ⊗ CONCRETE POWER POLE
- ⊗ WOOD POWER POLE
- ⊗ WOOD POWER POLE (NOT IN SERVICE)
- GUY WIRE & ANCHOR

SURVEYOR'S NOTES

- BEARINGS AS SHOWN HEREON ARE BASED ON STATE PLANE COORDINATES, REFERENCE THE NORTH AMERICAN DATUM OF 1983/2011 ADJUSTED (N.A.D. 83/11), FLORIDA EAST ZONE, U.S. SURVEY FEET, REFERENCE A BEARING OF N27°38'56"W ALONG THE CENTER LINE OF S. SEWALL'S POINT ROAD FROM RIDGELAND DRIVE AT THE NORTH END, SOUTH TO APPROXIMATELY 330.00 FEET SOUTH OF RIDGEVIEW DRIVE.
- THE ELEVATIONS AS SHOWN HEREON REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (N.A.V.D. 88), REFERENCE NATIONAL GEODETIC SURVEY BENCHMARK "Q 236", ELEVATION = 2.65 FEET AND "GCY D22", ELEVATION = 14.85 FEET. ELEVATIONS AS SHOWN HAVE BEEN MEASURED TO AN ESTIMATED VERTICAL POSITIONAL ACCURACY OF 0.20 FEET.
- THIS IS NOT A BOUNDARY SURVEY.
- THIS SURVEY WAS DONE WITHOUT THE BENEFIT OF A TITLE COMMITMENT.
- THIS SURVEY IS BASED ON A CLOSED GEOMETRIC FIGURE EXCEEDING A HORIZONTAL CLOSURE OF 1:10,000.
- WELL-IDENTIFIED FEATURES IN THIS SURVEY AND MAP HAVE BEEN MEASURED TO AN ESTIMATED HORIZONTAL POSITIONAL ACCURACY OF 0.10 FEET.
- THERE WAS NO ATTEMPT TO LOCATE ANY SUBSURFACE FOUNDATIONS.
- NO UNDERGROUND UTILITIES WERE LOCATED OR SHOWN HEREON.
- THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR UNLESS DIGITALLY SIGNED.
- THIS SURVEY WAS DONE IN THE FIELD UTILIZING GLOBAL POSITIONING SYSTEM (G.P.S.) WITH REAL TIME KINEMATIC (R.T.K.). ALL DISTANCES GIVEN ARE GRID DISTANCES. THE SCALE FACTOR IS 1.000019787.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE "AS-BUILT SURVEY" AS SHOWN HEREON IS A TRUE AND CORRECT REPRESENTATION OF A FIELD SURVEY MADE UNDER MY DIRECTION AND CHARGE FROM DECEMBER 21, 2023 THROUGH AUGUST 21, 2024 AND SAID "AS-BUILT SURVEY" IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF. IT IS FURTHER CERTIFIED THAT THIS "AS-BUILT SURVEY" COMPLIES WITH THE STANDARDS OF PRACTICE FOR "AS-BUILT SURVEY" SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

BETSY LINDSAY, INC. **ELIZABETH A. LINDSAY** Digitally signed by ELIZABETH A. LINDSAY
 SURVEYING AND MAPPING Date: 2024.09.10 15:50:54 -04'00'

ELIZABETH A. LINDSAY, P.L.S.
 FLORIDA REGISTRATION NO. 4724

NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER UNLESS DIGITALLY SIGNED



12-28-23 R

FORCE/WATER MAIN AB

SOUTH SEWALLS POINT ROAD WATERMAIN (PHASE 3 AREA) & LPM (PHASE 3 & 4) IMPROVEMENTS
TOWN OF SEWALL'S POINT - FLORIDA
UTILITY PLAN & PROFILE

Joseph W. Capra
 301 N.W. Flagler Ave.
 Stuart, Florida 34994
 P.E. No. 37638

Printed Date: _____

JOB No.: **023.154.1**
 SHEET
CVR OF 18

401 N.W. Flagler Ave.
 Stuart, Florida 34994
 Phone: (772) 892-4344
 Fax: (772) 892-4341

CAPTEC
 Engineering, Inc.
 Civil Engineering Professionals

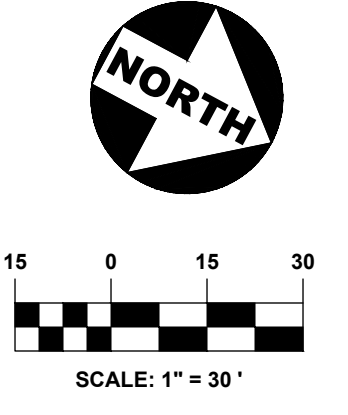
Engineering Business
 No. EB-0007657

DATE:	11-16-23
DRAWN BY:	MOB
DESIGNED BY:	HLT
CHECKED BY:	JWC
PROJECT NO.:	023.154.1
HORIZ. SCALE:	1" = 30'
VERT. SCALE:	N/A
CADD FILE:	

NO.	DATE	BY	REVISIONS
2	12-28-23	JTC	AFC PLANS 12-28-23 R
1	#####	##	#####

SCALE VERIFICATION
 1
 0
 1" BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING. ADJUST ALL SCALED DIMENSIONS ACCORDINGLY

THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADOPTION BY CAPTEC ENGINEERING, INC. SHALL BE WITHOUT LIABILITY TO CAPTEC ENGINEERING, INC.



DATE: 11-15-23
DRAWN BY: MOB
DESIGNED BY: HLT
CHECKED BY: JWC
PROJECT NO.: 023.154.1
HORZ. SCALE: 1" = 30'
VERT. SCALE: 1" = 3'
CADD FILE:

NO.	DATE	BY	REVISIONS
2	12-28-23	JTC	AFC PLANS 12-28-23 R
1	11-15-23	MOB	###

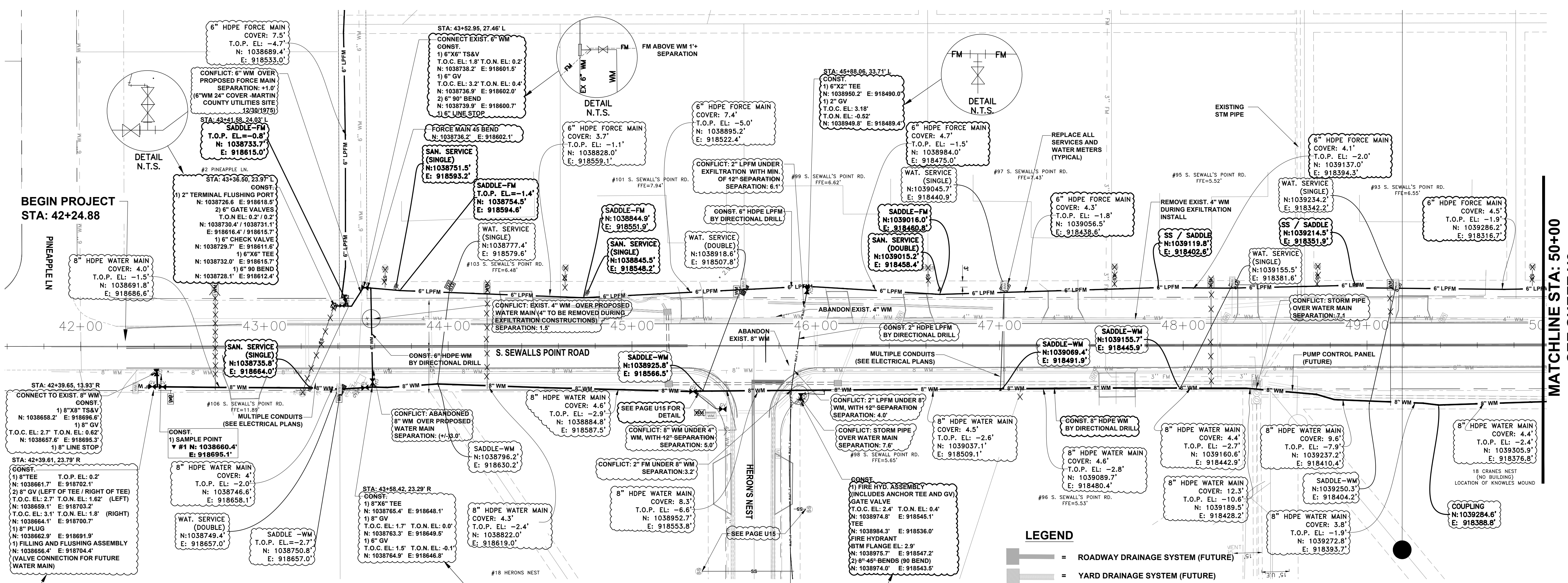
SCALE VERIFICATION
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1
SOLID BAR IS EQUAL TO ORIGINAL DRAWING. ADJUST ALL SCALED DIMENSIONS ACCORDINGLY.

RECORD SURVEY IN-PROGRESS
JOB NO. 21-23

UTILITY PLAN & PROFILE
SOUTH SEWALLS POINT ROAD
WATER MAIN (PHASE 3 AREA) & LPM (PHASE 3 & 4) IMPROVEMENTS
TOWN OF SEWALL'S POINT - FLORIDA

Joseph W. Capra
301 N.W. Flagler Ave.
Stuart, Florida 34994
P.E. No. 37638

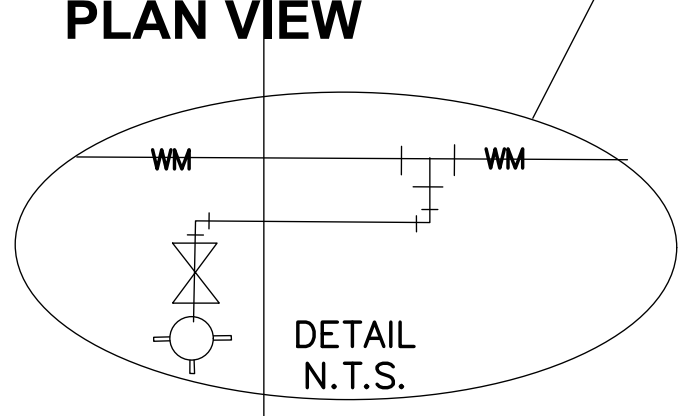
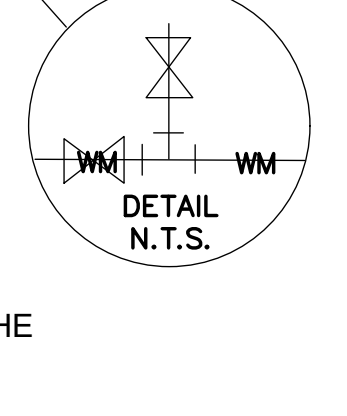
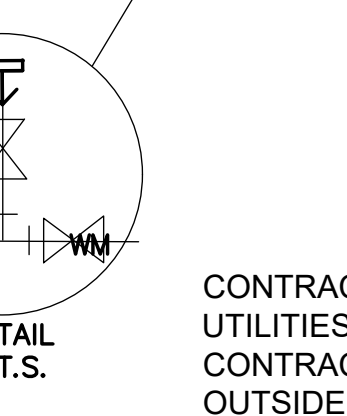
Printed Date:
JOB No.: 023.154.1
SHEET U2 OF 18



- ROADWAY DRAINAGE SYSTEM (FUTURE)
- YARD DRAINAGE SYSTEM (FUTURE)
- CONST. WATER MAIN
- CONST. LOW PRESSURE FORCE MAIN
- REPLACE WATER METER
- CONST. LP SAN. SINGLE SERVICE
- CONST. LP SAN. DBL. SERVICE
- EXISTING WATER MAIN TO BE REMOVED OR ABANDONED
- EXISTING MAILBOX
- EXISTING WATER METER
- EXISTING VALVE
- EXISTING FIRE HYDRANT
- EXISTING LIGHT
- EXISTING UTILITY POLE
- EXISTING WATER MAIN
- EXISTING BURIED TELEPHONE
- EXISTING OVERHEAD ELECTRIC
- EXISTING BURIED ELECTRIC
- EXISTING LANDSCAPE
- POTHOLE / CONFLICT

B BETSY LINDSAY, INC.
A DIVISION OF HALEY WARD, INC.
7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
(772)286-5753 (772)286-5933 FAX
LICENSED BUSINESS NO. 6852

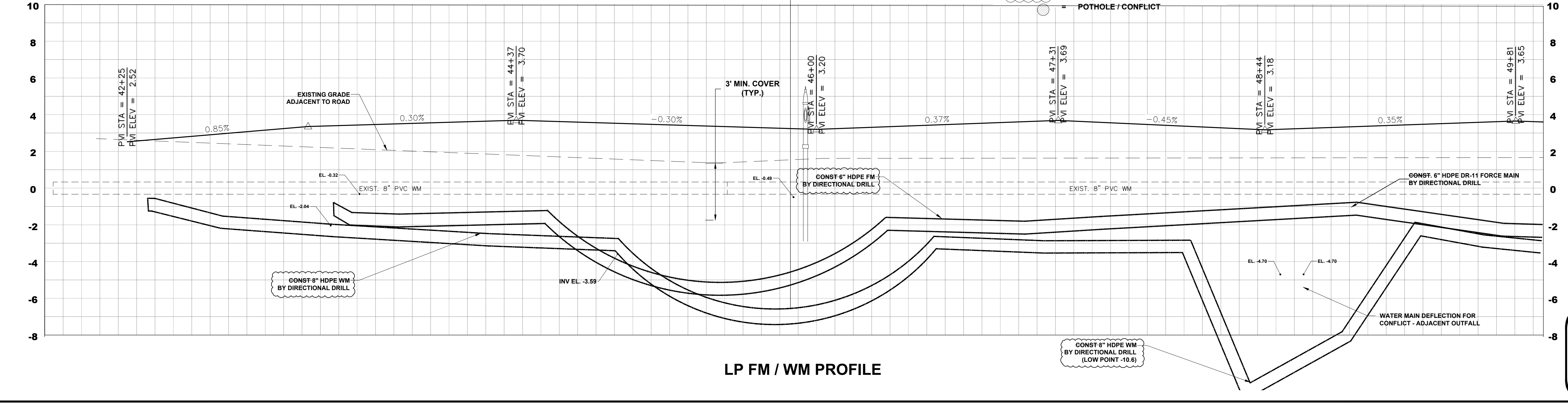
RECORD SURVEY IN-PROGRESS
JOB NO. 21-23



CONTRACTOR TO NOTE: FROM STA 71+00 TO 101+00, THIS AREA CONTAINS EXISTING UTILITIES ABOVE THE PROPOSED ELEVATION OF THE FM. PRIOR TO CONSTRUCTION THE CONTRACTOR TO LOCATE ALL UTILITIES. THE LPM PIPE WILL GENERALLY BE PLACED OUTSIDE OF ANY ROADS AND DIRECTIONAL DRILLED.

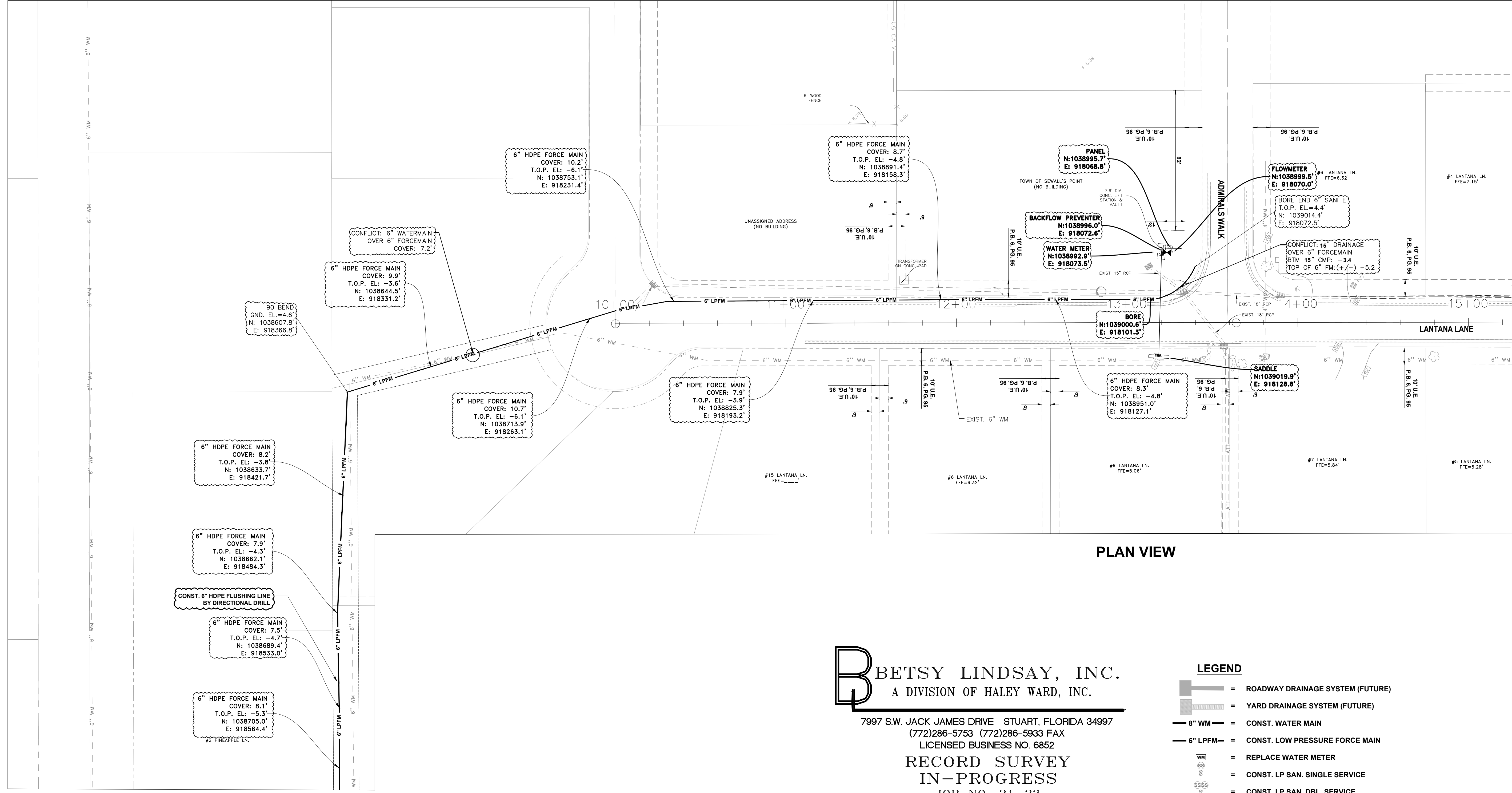
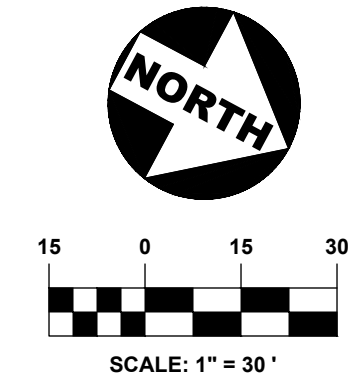
EASEMENTS - THE CORRIDOR HAS SEVERAL UTILITY EASEMENTS BEING ACQUIRED PRIOR TO INSTALLATION OF UTILITIES. CONTRACTOR SHALL VERIFY WITH CAPTEC REPRESENTATIVE / TOWN MANAGER THAT EASEMENT HAS BEEN ACQUIRED.

PRIOR TO SETTING VALVES, VALVE PADS, FIRE HYDRANTS, METER BOXES (SS / WM) CONTRACTOR TO CONFIRM FUTURE GROUND ELEVATION PER S. SEWALLS POINT RD PAVING AND DRAINAGE.



12-28-23 R

P:\EL2011794-Jamie_Underground\sewall's point fm-wm\sewall's point phase 3-4 UTILITY 1-29-24\DWG\103.127.3 UTILITY DWG1 2-15-24 (2).dwg, 9/9/2024 3:19:25 PM, AutoCAD PDF (High Quality Print).pc3



PLAN VIEW

MATCHLINE SHEET U2

BBETSY LINDSAY, INC.
 A DIVISION OF HALEY WARD, INC.
 7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
 (772)286-5753 (772)286-5933 FAX
 LICENSED BUSINESS NO. 6852
RECORD SURVEY
IN-PROGRESS
 JOB NO. 21-23

- LEGEND**
- ROADWAY DRAINAGE SYSTEM (FUTURE)
 - YARD DRAINAGE SYSTEM (FUTURE)
 - 6" WM = CONST. WATER MAIN
 - 6" LPFM = CONST. LOW PRESSURE FORCE MAIN
 - REPLACE WATER METER
 - CONST. LP SAN. SINGLE SERVICE
 - CONST. LP SAN. DBL. SERVICE
 - EXISTING WATER MAIN TO BE REMOVED OR ABANDONED
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 - EXISTING WATER METER
 - EXISTING VALVE
 - EXISTING FIRE HYDRANT
 - EXISTING LIGHT
 - EXISTING UTILITY POLE
 - EXISTING WATER MAIN
 - EXISTING BURIED TELEPHONE
 - EXISTING OVERHEAD ELECTRIC
 - EXISTING BURIED ELECTRIC
 - EXISTING LANDSCAPE
 - POTHOLE / CONFLICT

 #####
12-28-23 R

FORCE/WATER MAIN AB

301 N.W. Flagler Ave.
 Stuart, Florida 34994
 Phone: (772) 892-4344
 Fax: (772) 892-4341

CAPTEC
 Engineering, Inc.
 Civil Engineering Professionals

Engineering Business
 No. EB-0007657

DATE: 11-16-23

DRAWN BY:	MOB
DESIGNED BY:	JLT
CHECKED BY:	JWC
PROJECT NO.:	023.154.1
HORIZ. SCALE:	1" = 30'
VERT. SCALE:	N/A
CADD FILE:	

NO.	DATE	BY	REVISIONS
2	12-28-23	JTC	AFC PLANS 12-28-23 R
1	#####	##	#####

SCALE VERIFICATION

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SOLID BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING. ADJUST ALL SCALED DIMENSIONS ACCORDINGLY.

SOUTH SEWALLS POINT ROAD WATERMAIN (PHASE 3 AREA) & LPM (PHASE 3 & 4) IMPROVEMENTS

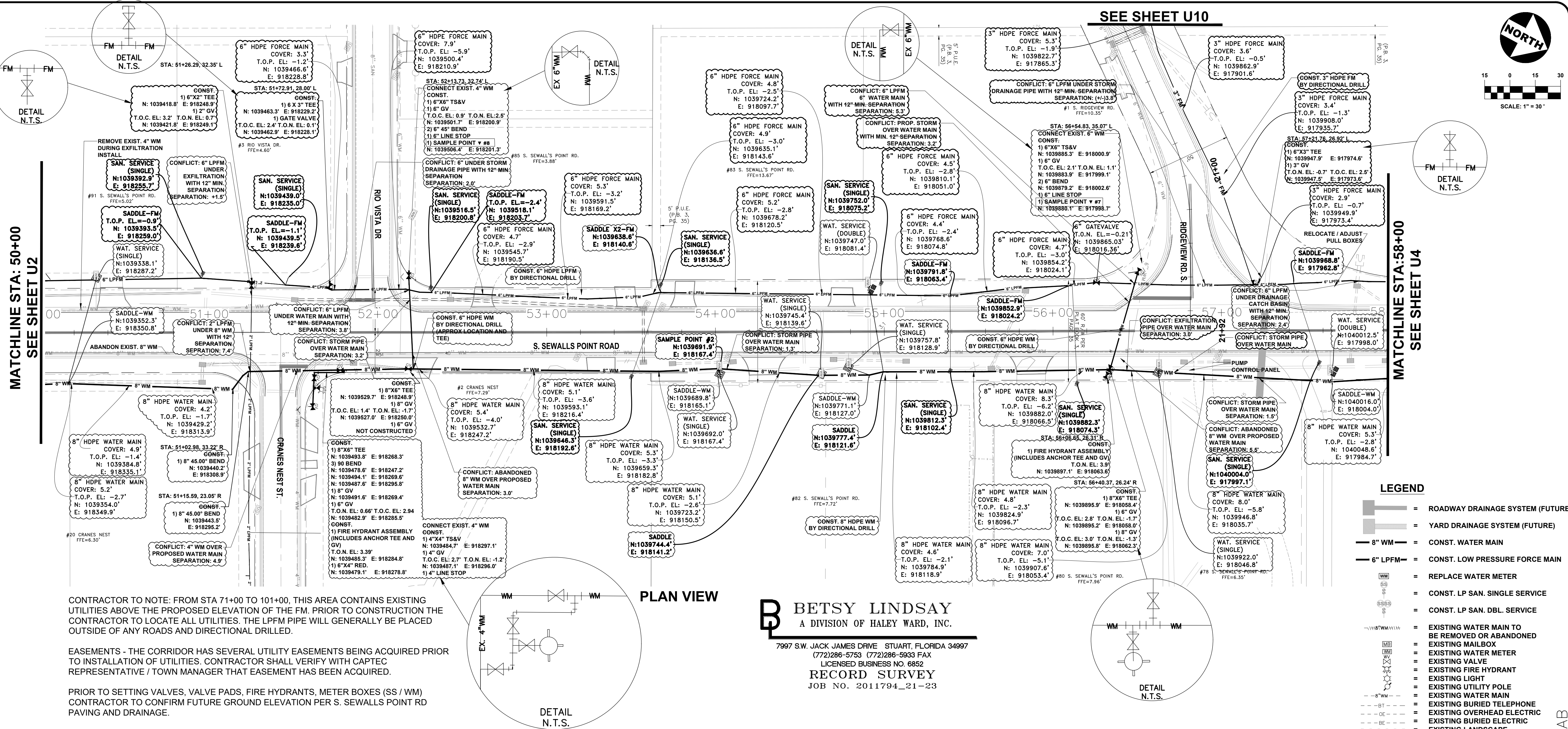
TOWN OF SEWALL'S POINT - FLORIDA

UTILITY PLAN & PROFILE

Joseph W. Capra
 301 N.W. Flagler Ave.
 Stuart, Florida 34994
 P.E. No. 37638

Printed Date: _____

JOB No.: **023.154.1**
 SHEET
U2A OF **18**



MATCHLINE STA: 50+00
SEE SHEET U2

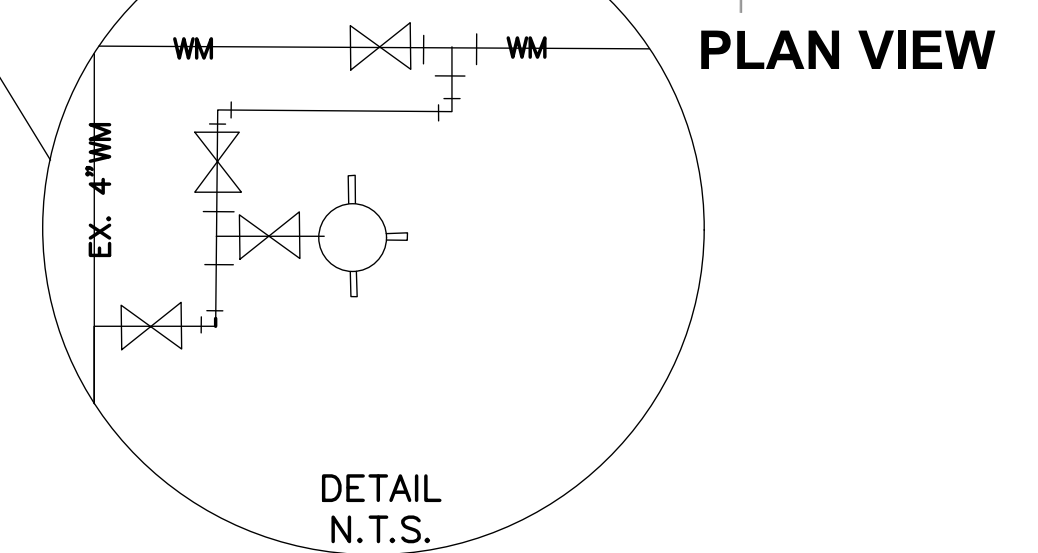
MATCHLINE STA: 58+00
SEE SHEET U4

SEE SHEET U10

CONTRACTOR TO NOTE: FROM STA 71+00 TO 101+00, THIS AREA CONTAINS EXISTING UTILITIES ABOVE THE PROPOSED ELEVATION OF THE FM. PRIOR TO CONSTRUCTION THE CONTRACTOR TO LOCATE ALL UTILITIES. THE LPFM PIPE WILL GENERALLY BE PLACED OUTSIDE OF ANY ROADS AND DIRECTIONAL DRILLED.

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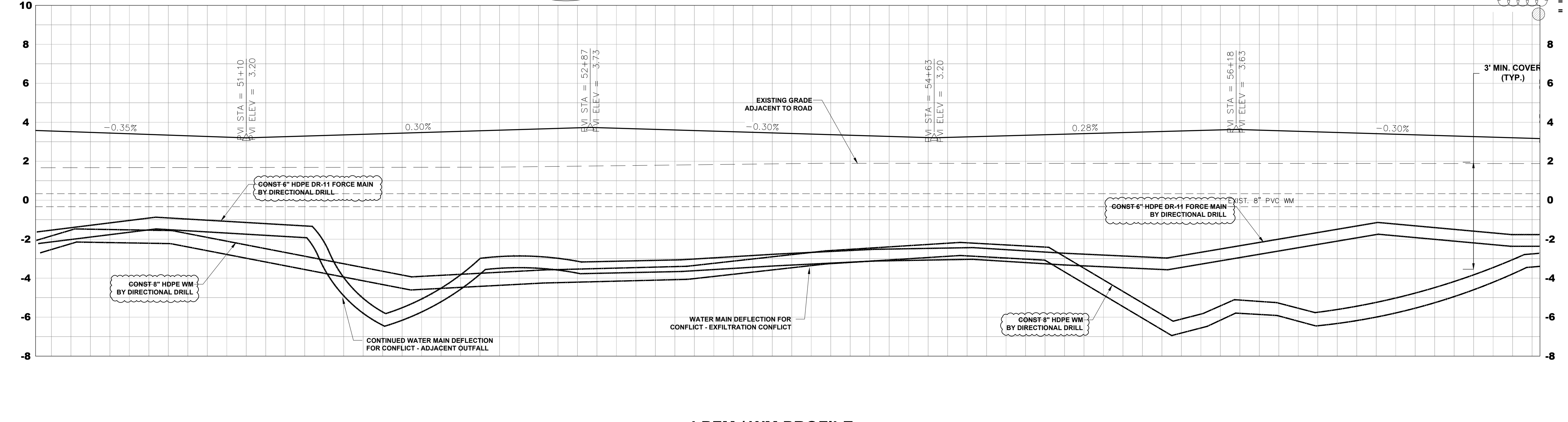
PRIOR TO SETTING VALVES, VALVE PADS, FIRE HYDRANTS, METER BOXES (SS / WM) CONTRACTOR TO CONFIRM FUTURE GROUND ELEVATION PER S. SEWALLS POINT RD PAVING AND DRAINAGE.



B BETSY LINDSAY
A DIVISION OF HALEY WARD, INC.
7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
(772)286-5753 (772)286-5933 FAX
LICENSED BUSINESS NO. 6852
RECORD SURVEY
JOB NO. 2011794_21-23

LEGEND

- ROADWAY DRAINAGE SYSTEM (FUTURE)
- YARD DRAINAGE SYSTEM (FUTURE)
- CONST. WATER MAIN
- CONST. LOW PRESSURE FORCE MAIN
- REPLACE WATER METER
- CONST. LP SAN. SINGLE SERVICE
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- EXISTING BURIED TELEPHONE
- EXISTING OVERHEAD ELECTRIC
- EXISTING BURIED ELECTRIC
- EXISTING LANDSCAPE
- POTHOLE / CONFLICT



LPFM / WM PROFILE



12-28-23 R

301 N.W. Flagler Ave.
Stuart, Florida 34994
Phone: (772) 692-4344
Fax: (772) 692-4341

CAPTEC
Engineering, Inc.
Civil Engineering Professionals

DATE: 1-8-21
DRAWN BY: MJB
DESIGNED BY: HLT
CHECKED BY: JWC
PROJECT NO.: 023.154.1
HORZ. SCALE: 1" = 30'
VERT. SCALE: 1" = 3'
CADD FILE:

NO.	DATE	BY	REVISIONS
1	12-28-23	JTC	AFC PLANS 12-28-23 R
2	12-28-23	JTC	#####

SCALE VERIFICATION

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0 1
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FORCE/WATER MAIN AB
SOUTH SEWALLS POINT ROAD
WATER MAIN (PHASE 3 AREA) & LPFM (PHASE 3 & 4) IMPROVEMENTS
TOWN OF SEWALLS POINT - FLORIDA
UTILITY PLAN & PROFILE

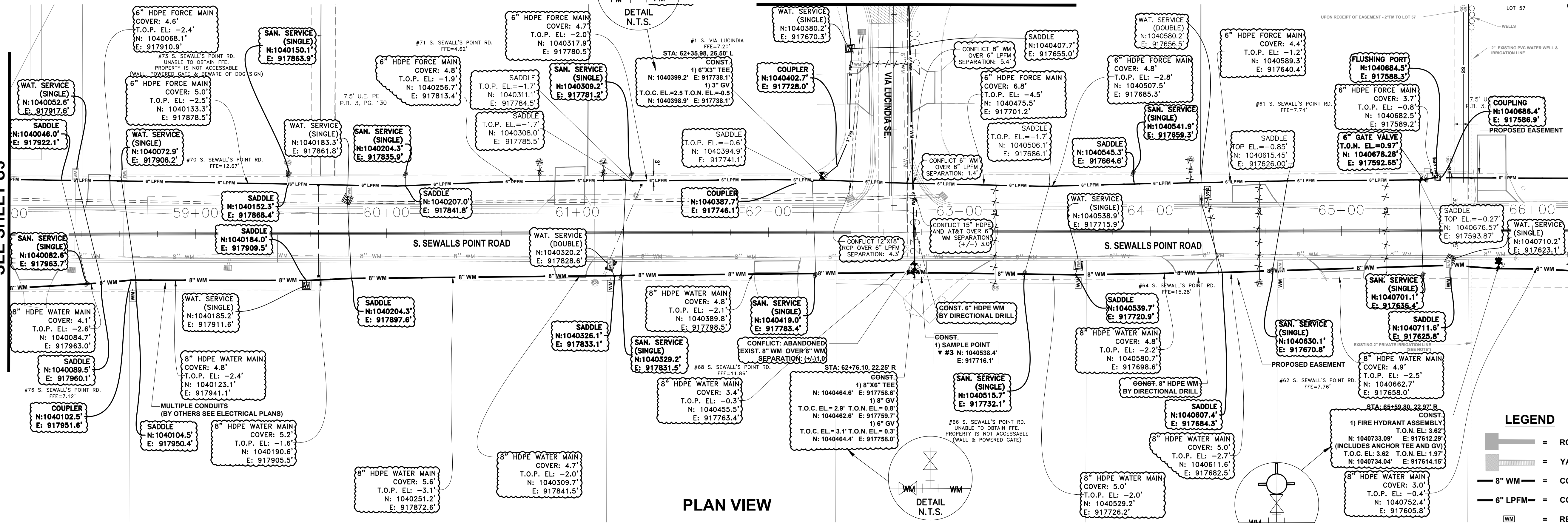
Joseph W. Capra
301 N.W. Flagler Ave.
Stuart, Florida 34994
P.E. No. 37638

Printed Date:
JOB No.: 023.154.1
SHEET
U3 OF 18

MATCHLINE STA: 58+00
SEE SHEET U3

MATCHLINE STA: 22+80
SEE SHEET U11

MATCHLINE STA: 66+00
SEE SHEET U5



PLAN VIEW

LEGEND

- ROADWAY DRAINAGE SYSTEM (FUTURE)
- YARD DRAINAGE SYSTEM (FUTURE)
- 8" WM = CONST. WATER MAIN
- 6" LPFM = CONST. LOW PRESSURE FORCE MAIN
- REPLACE WATER METER
- CONST. LP SAN. SINGLE SERVICE
- CONST. LP SAN. DBL. SERVICE
- EXISTING WATER MAIN TO BE REMOVED OR ABANDONED
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- EXISTING WATER METER
- EXISTING VALVE
- EXISTING FIRE HYDRANT
- EXISTING LIGHT
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- EXISTING WATER MAIN
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- EXISTING LANDSCAPE
- POTHOLE / CONFLICT

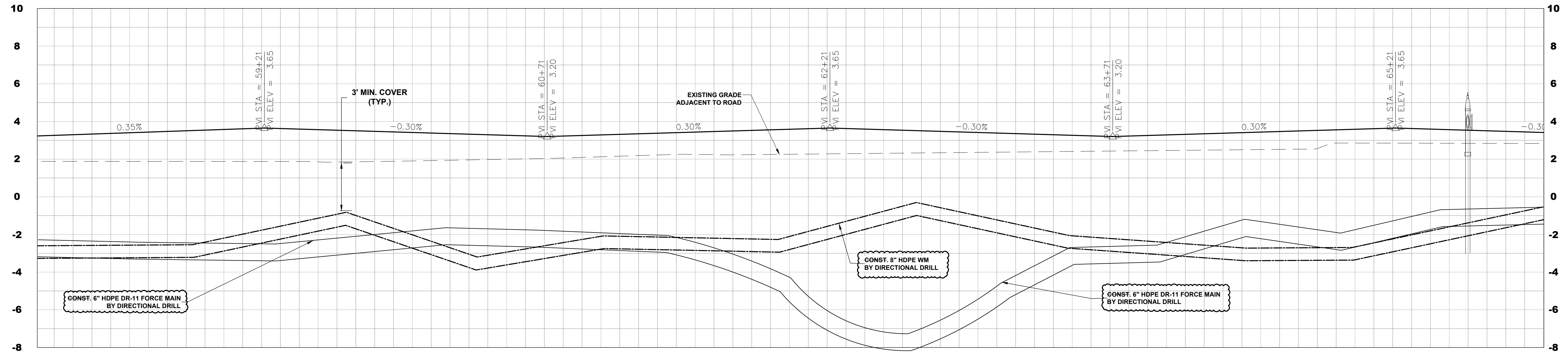
CONTRACTOR TO NOTE: FROM STA 71+00 TO 101+00, THIS AREA CONTAINS EXISTING UTILITIES ABOVE THE PROPOSED ELEVATION OF THE FM. PRIOR TO CONSTRUCTION THE CONTRACTOR TO LOCATE ALL UTILITIES. THE LPFM PIPE WILL GENERALLY BE PLACED OUTSIDE OF ANY ROADS AND DIRECTIONAL DRILLED.

EASEMENTS - THE CORRIDOR HAS SEVERAL UTILITY EASEMENTS BEING ACQUIRED PRIOR TO INSTALLATION OF UTILITIES. CONTRACTOR SHALL VERIFY WITH CAPTEC REPRESENTATIVE / TOWN MANAGER THAT EASEMENT HAS BEEN ACQUIRED.

PRIOR TO SETTING VALVES, VALVE PADS, FIRE HYDRANTS, METER BOXES (SS / WM) CONTRACTOR TO CONFIRM FUTURE GROUND ELEVATION PER S. SEWALLS POINT RD PAVING AND DRAINAGE.

B Betsy Lindsay
A DIVISION OF HALEY WARD, INC.
7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
(772)286-5753 (772)286-5933 FAX
LICENSED BUSINESS NO. 6852
RECORD SURVEY
JOB NO. 2011794_21-23

* NOTE: CONTRACTOR SHALL LOCATE AND SOFT DIG EXISTING 2" IRRIGATION LINE. IF IRRIGATION LINE(S) ARE IN CONFLICT WITH PROPOSED LPFM, WATER MAIN, ROADWAY OR DRAINAGE IMPROVEMENTS, CONTRACTOR SHALL COORDINATE WITH NEARBY HOMEOWNERS AND RECONSTRUCT TO AVOID PROPOSED AND FUTURE IMPROVEMENTS.



LPFM / WM PROFILE



12-28-23 R

FORCE/WATER MAIN AB

SOUTH SEWALLS POINT ROAD
WATER MAIN (PHASE 3 AREA) &
LPM (PHASE 3 & 4) IMPROVEMENTS
TOWN OF SEWALLS POINT - FLORIDA
UTILITY PLAN & PROFILE

Joseph W. Capra
301 N.W. Flagler Ave.
Stuart, Florida 34994
P.E. No. 37638

Printed Date:
JOB No.: **023.154.1**
SHEET **U4** OF **18**

SCALE VERIFICATION

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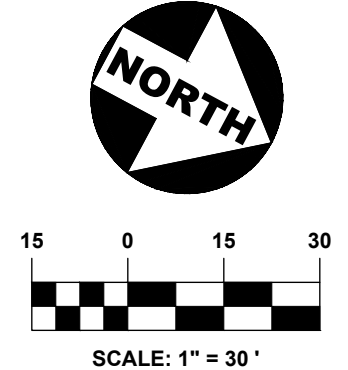
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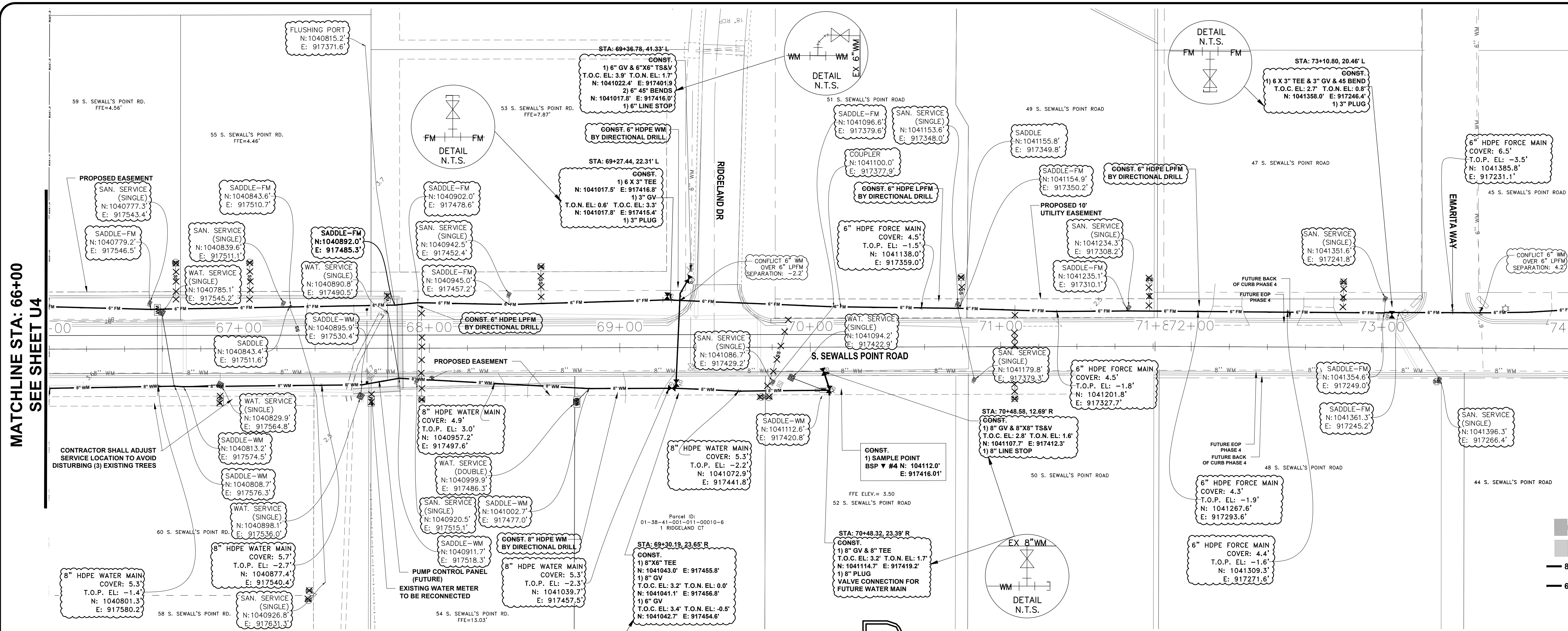
REVISIONS

NO.	DATE	BY
2	12-28-23	JTC AFC PLANS 12-28-23 R
1	#####	#####

DATE: 11-21
DRAWN BY: MOB
DESIGNED BY: JLT
CHECKED BY: JWC
PROJECT NO.: 023.154.1
HORZ. SCALE: 1" = 30'
VERT. SCALE: 1" = 3'
CADD FILE:

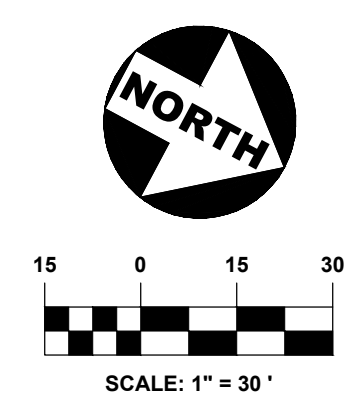
CAPTEC
Engineering, Inc.
Civil Engineering Professionals
301 N.W. Flagler Ave.
Stuart, Florida 34994
Phone: (772) 892-4344
Fax: (772) 892-4341
Engineering Business
No. EB-0007657





MATCHLINE STA: 66+00
SEE SHEET U4

MATCHLINE STA: 74+00
SEE SHEET U6



301 N.W. Flagler Ave.
Stuart, Florida 34994
Phone: (772) 692-4344
Fax: (772) 692-4341

CAPTEC
Engineering, Inc.
Civil Engineering Professionals

Engineering Business
No. EE-007167

DATE: 11-21
DRAWN BY: MIB
DESIGNED BY: JLT
CHECKED BY: JWC
PROJECT NO.: 023154.1
JOB NO.: 023154.1
HORIZ. SCALE: 1" = 30'
VERT. SCALE: 1" = 3'

NO.	DATE	BY	REVISIONS
1	11-16-23	MIB	AFC PLANS
2	12-28-23	JTC	AFC PLANS 12-28-23 R

CONTRACTOR TO NOTE: FROM STA 71+00 TO 101+00, THIS AREA CONTAINS EXISTING UTILITIES ABOVE THE PROPOSED ELEVATION OF THE FM. PRIOR TO CONSTRUCTION THE CONTRACTOR TO LOCATE ALL UTILITIES. THE LPFM PIPE WILL GENERALLY BE PLACED OUTSIDE OF ANY ROADS AND DIRECTIONAL DRILLED.

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PRIOR TO SETTING VALVES, VALVE PADS, FIRE HYDRANTS, METER BOXES (SS / WM) CONTRACTOR TO CONFIRM FUTURE GROUND ELEVATION PER S. SEWALLS POINT RD PAVING AND DRAINAGE.

PLAN VIEW

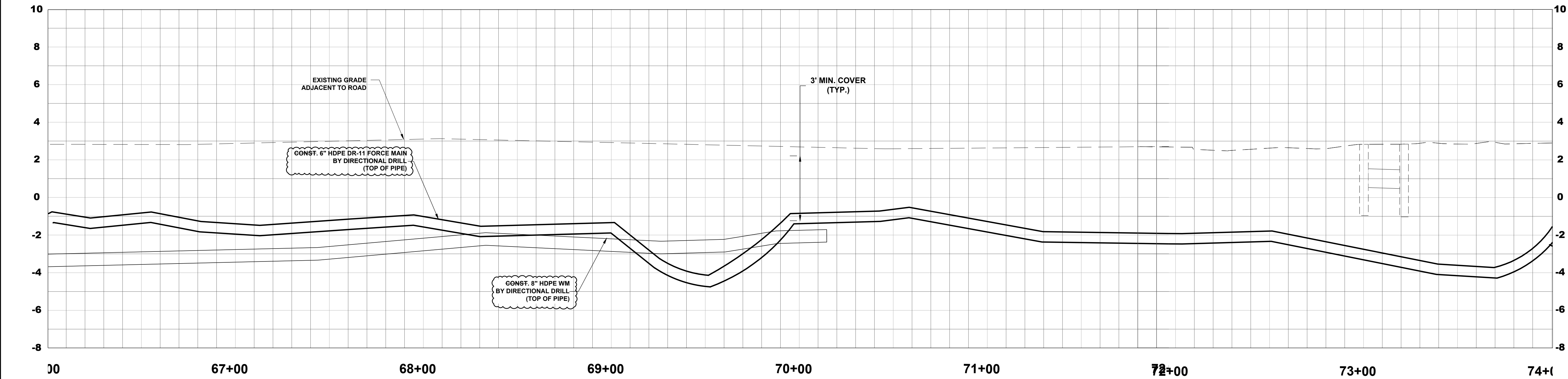
B BETSY LINDSAY, INC.
A DIVISION OF HALEY WARD, INC.

7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
(772)286-5753 (772)286-5933 FAX
LICENSED BUSINESS NO. 6852

RECORD SURVEY
IN-PROGRESS
JOB NO. 21-23

LEGEND

	ROADWAY DRAINAGE SYSTEM (FUTURE)
	YARD DRAINAGE SYSTEM (FUTURE)
	CONST. WATER MAIN
	CONST. LOW PRESSURE FORCE MAIN
	REPLACE WATER METER
	CONST. LP SAN. SINGLE SERVICE
	CONST. LP SAN. DBL. SERVICE
	EXISTING WATER MAIN TO BE REMOVED OR ABANDONED
	EXISTING MAILBOX
	EXISTING WATER METER
	EXISTING VALVE
	EXISTING FIRE HYDRANT
	EXISTING LIGHT
	EXISTING UTILITY POLE
	EXISTING WATER MAIN
	EXISTING BURIED TELEPHONE
	EXISTING OVERHEAD ELECTRIC
	EXISTING BURIED ELECTRIC
	EXISTING LANDSCAPE



LPFM / WM PROFILE



AFC PLANS
11-16-23
12-28-23 R

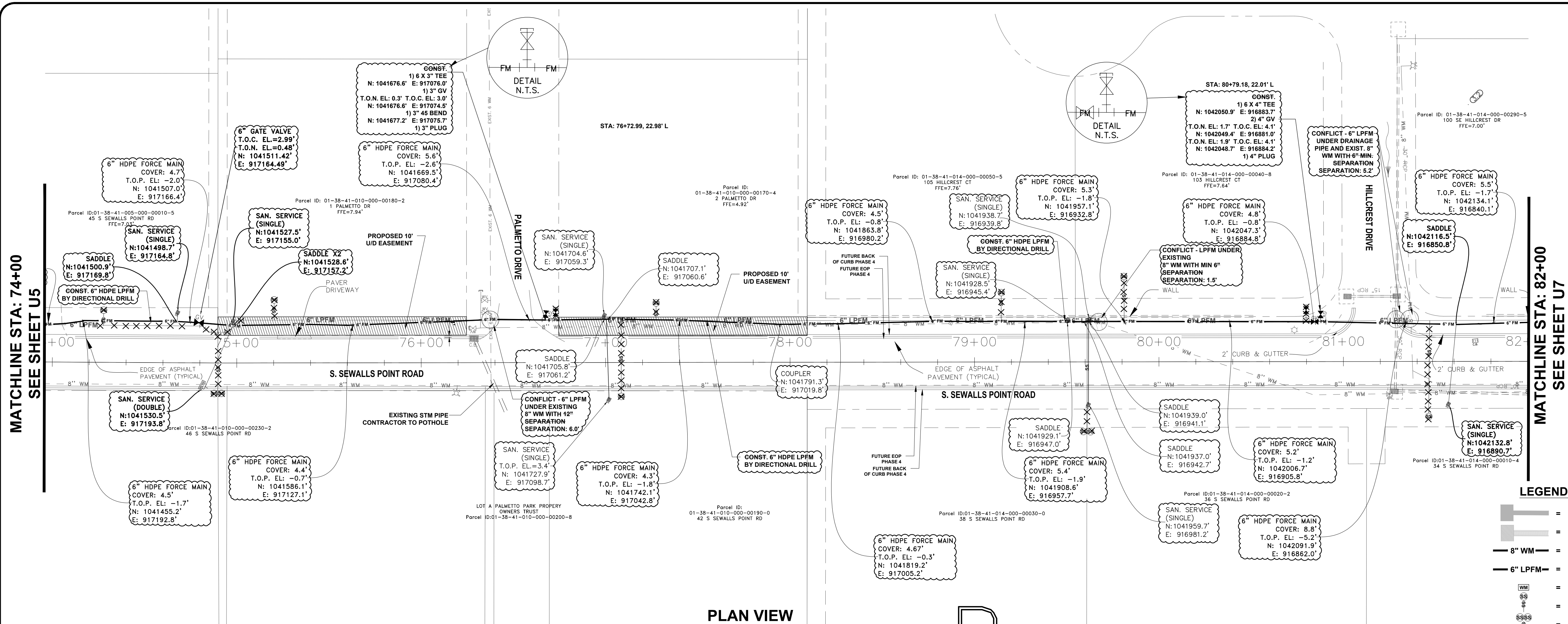
FORCE/WATER MAIN AB

SOUTH SEWALLS POINT ROAD
WATER MAIN (PHASE 3 AREA) &
LPM (PHASE 3 & 4) IMPROVEMENTS
TOWN OF SEWALLS POINT - FLORIDA

UTILITY PLAN & PROFILE

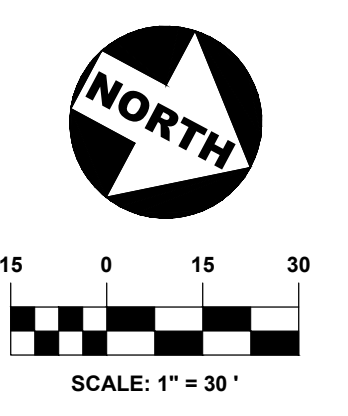
Joseph W. Capra
301 N.W. Flagler Ave.
Stuart, Florida 34994
P.E. No. 37638

Printed Date: _____
JOB No.: 023154.1
SHEET
U5 OF 18



MATCHLINE STA: 74+00
SEE SHEET U5

MATCHLINE STA: 82+00
SEE SHEET U7



301 N.W. Flagler Ave.
 Stuart, Florida 34994
 Phone: (772) 692-4344
 Fax: (772) 692-4341
CAPTEC
 Engineering, Inc.
 Civil Engineering Professionals
 Engineering Business
 No. EE-007657

DATE: 11-21
 DRAWN BY: MJB
 DESIGNED BY: JLT
 CHECKED BY: JWC
 PROJECT NO.: 023154.1
 HORIZ. SCALE: 1" = 30'
 VERT. SCALE: 1" = 3'
 CADD FILE:

NO.	DATE	BY	REVISIONS
2	12-28-23	JTC	AFC PLANS 12-28-23 R
1	11-16-23	MJB	AFC PLANS

SCALE VERIFICATION
 1
 SOLID BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING. ADJUST ALL SCALED DIMENSIONS ACCORDINGLY.

UTILITY PLAN & PROFILE
 SOUTH SEWALLS POINT ROAD
 WATER MAIN (PHASE 3 AREA) &
 LPM (PHASE 3 & 4) IMPROVEMENTS
 TOWN OF SEWALLS POINT - FLORIDA

Joseph W. Capra
 301 N.W. Flagler Ave.
 Stuart, Florida 34994
 P.E. No. 37638

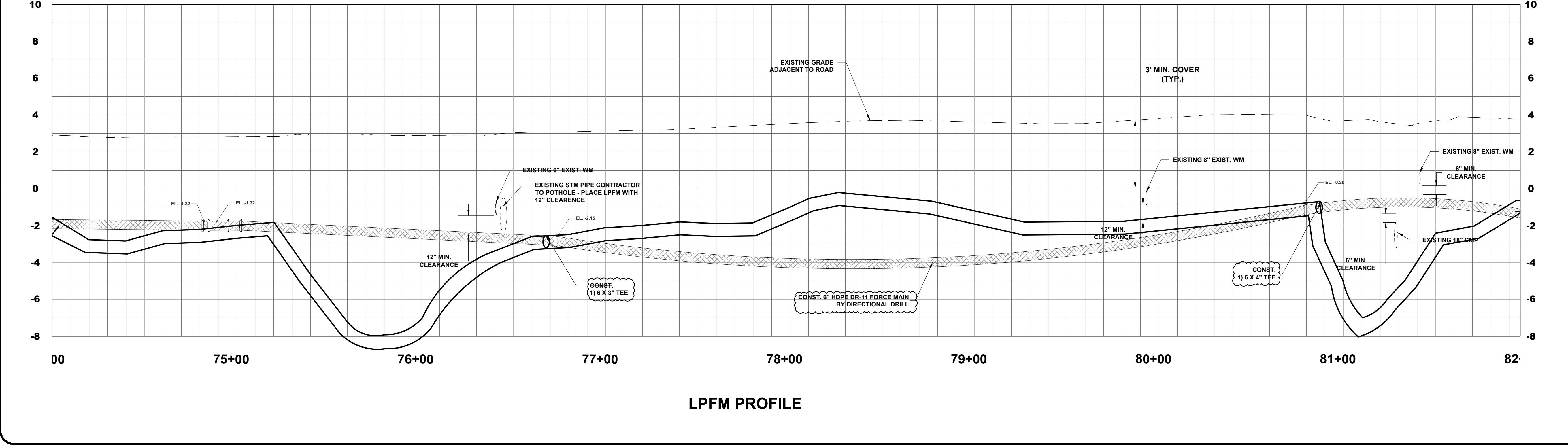
Printed Date:
 JOB No. **023.154.1**
 SHEET
U6 OF **18**

CONTRACTOR TO NOTE: FROM STA 71+00 TO 101+00, THIS AREA CONTAINS EXISTING UTILITIES ABOVE THE PROPOSED ELEVATION OF THE FM. PRIOR TO CONSTRUCTION THE CONTRACTOR TO LOCATE ALL UTILITIES. THE LPPM PIPE WILL GENERALLY BE PLACED OUTSIDE OF ANY ROADS AND DIRECTIONAL DRILLED.

EASEMENTS - THE CORRIDOR HAS SEVERAL UTILITY EASEMENTS BEING ACQUIRED PRIOR TO INSTALLATION OF UTILITIES. CONTRACTOR SHALL VERIFY WITH TOWN MANAGER THAT EASEMENT HAVE BEEN ACQUIRED.

PRIOR TO SETTING VALVES, VALVE PADS, FIRE HYDRANTS, METER BOXES (SS / WM) CONTRACTOR TO CONFIRM FUTURE GROUND ELEVATION PER S. SEWALLS POINT RD PAVING AND DRAINAGE.

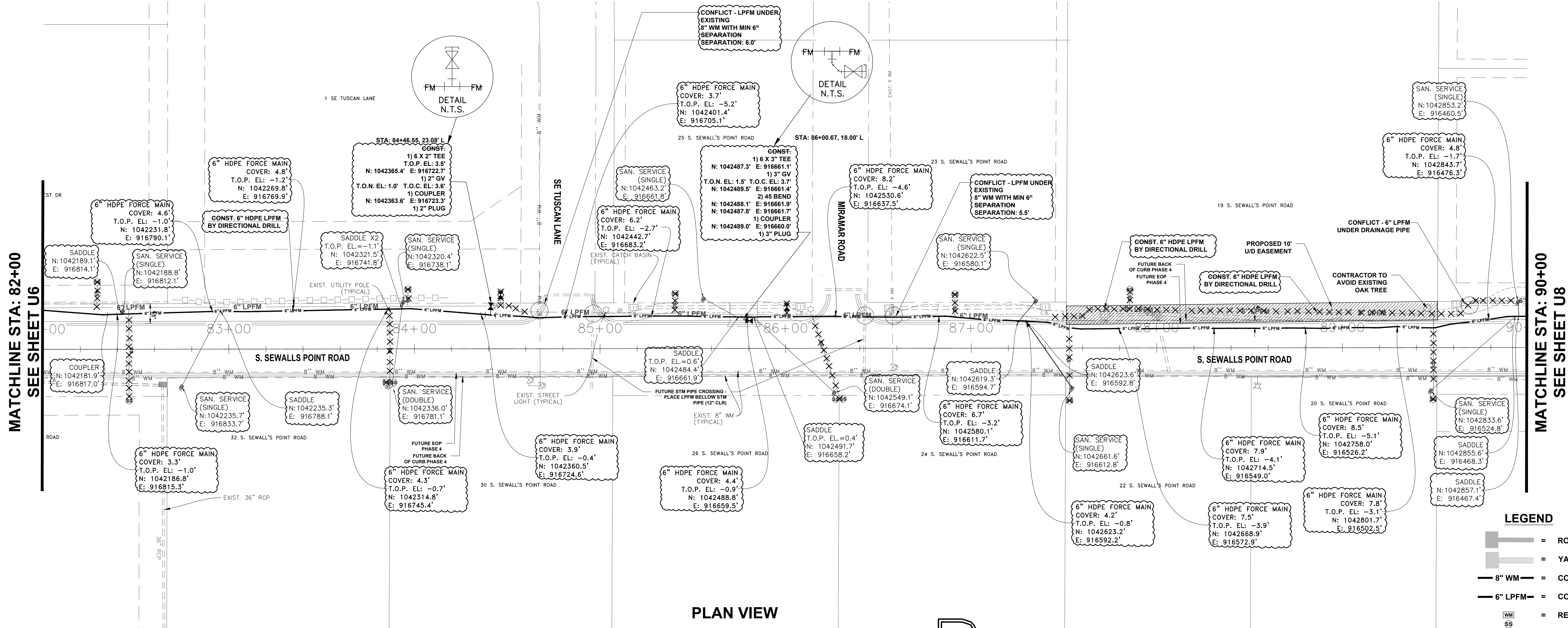
B BETSY LINDSAY, INC.
 A DIVISION OF HALEY WARD, INC.
 7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
 (772)286-5753 (772)286-5933 FAX
 LICENSED BUSINESS NO. 6852
RECORD SURVEY
IN-PROGRESS
 JOB NO. 21-23



811
 Know what's below.
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AFC PLANS
11-16-23
12-28-23 R

FORCE/WATER MAIN AB



PLAN VIEW

B BETSY LINDSAY, INC.
A DIVISION OF HALEY WARD, INC.

7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
(772)286-5753 (772)286-5933 FAX
LICENSED BUSINESS NO. 6852
**RECORD SURVEY
IN-PROGRESS**
JOB NO. 21-23

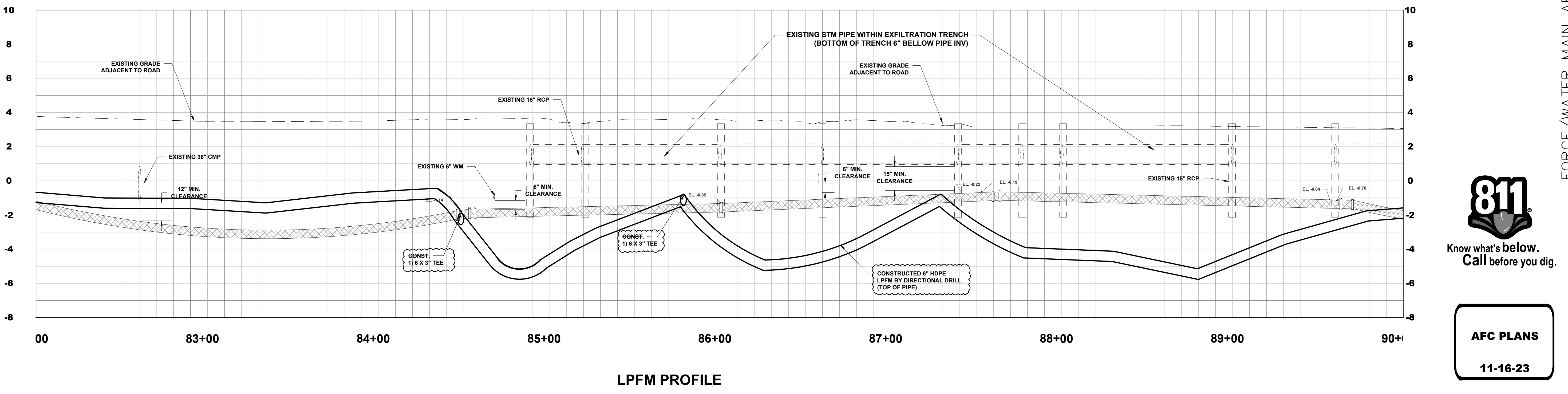
CONTRACTOR TO NOTE: FROM STA 71+00 TO 101+00, THIS AREA CONTAINS EXISTING UTILITIES ABOVE THE PROPOSED ELEVATION OF THE FM. PRIOR TO CONSTRUCTION THE CONTRACTOR TO LOCATE ALL UTILITIES. THE LPPM PIPE WILL GENERALLY BE PLACED OUTSIDE OF ANY ROADS AND DIRECTIONAL DRILLED.

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LEGEND

	= ROADWAY DRAINAGE SYSTEM (FUTURE)
	= YARD DRAINAGE SYSTEM (FUTURE)
	= CONST. WATER MAIN
	= CONST. LOW PRESSURE FORCE MAIN
	= REPLACE WATER METER
	= CONST. LP SAN. SINGLE SERVICE
	= CONST. LP SAN. DBL. SERVICE
	= EXISTING WATER MAIN TO BE REMOVED OR ABANDONED
	= EXISTING MAILBOX
	= EXISTING WATER METER
	= EXISTING VALVE
	= EXISTING FIRE HYDRANT
	= EXISTING LIGHT
	= EXISTING UTILITY POLE
	= EXISTING WATER MAIN
	= EXISTING BURIED TELEPHONE
	= EXISTING OVERHEAD ELECTRIC
	= EXISTING BURIED ELECTRIC
	= EXISTING LANDSCAPE



LPPM PROFILE

811
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11-16-23

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Fax: (772) 692-4341

CAPTEC
Engineering, Inc.
Civil Engineering Professionals

Engineering Business
No. EE-007657

DATE: 11-16-23
DRAWN BY: MIB
DESIGNED BY: JLT
CHECKED BY: JWC
PROJECT NO.: 023154.1
HORZ. SCALE: 1" = 30'
VERT. SCALE: 1" = 3'
CADD FILE:

NO.	DATE	BY	REVISIONS
1	11-16-23	MIB	AFC PLANS
2	12-28-23	JTC	AFC PLANS 12-28-23 R

SCALE VERIFICATION
1
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FORCE/WATER MAIN AB
SOUTH SEWALLS POINT ROAD
WATER MAIN (PHASE 3 AREA) &
LPPM (PHASE 3 & 4) IMPROVEMENTS
TOWN OF SEWALLS POINT - FLORIDA
UTILITY PLAN & PROFILE

Joseph W. Capra
301 N.W. Flagler Ave.
Stuart, Florida 34994
P.E. No. 37638

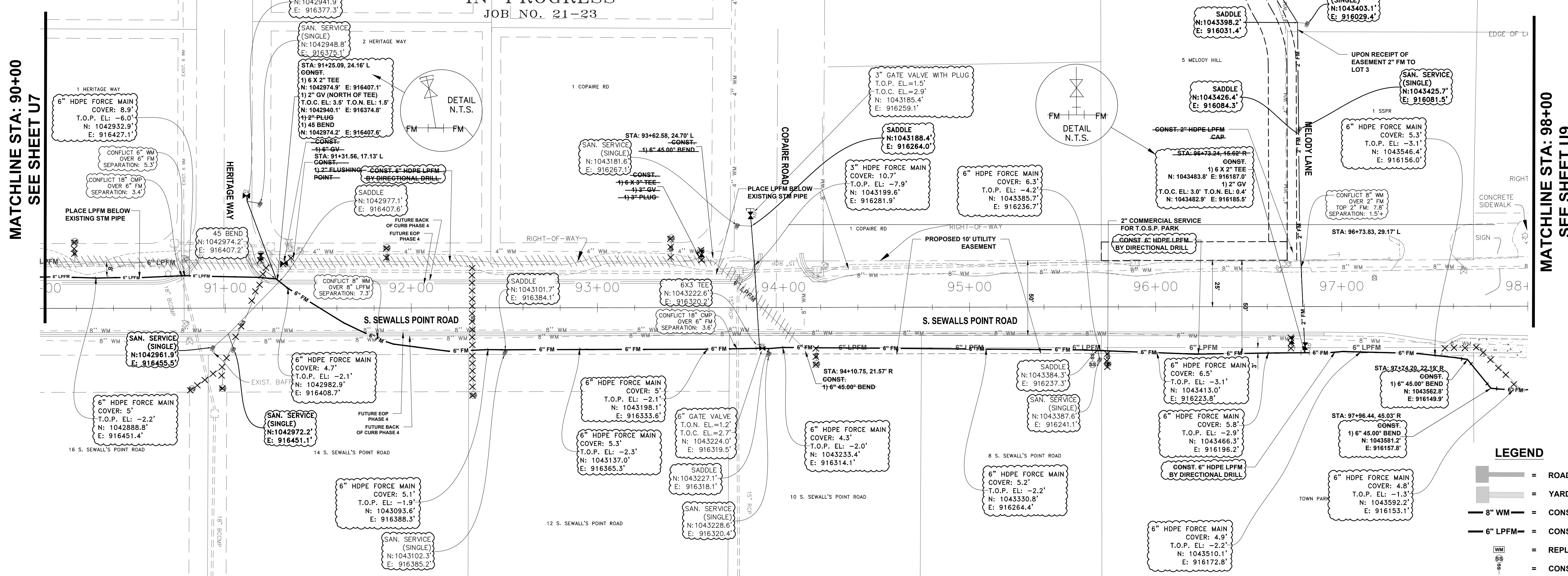
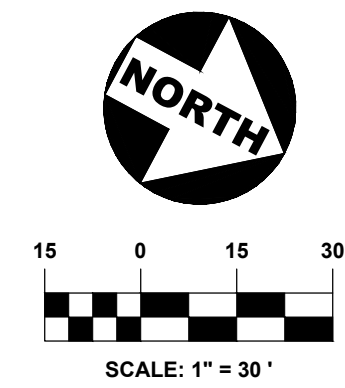
Printed Date:
JOB No. **023.154.1**
SHEET
U7 OF **18**

B Betsy Lindsay, Inc.

A DIVISION OF HALEY WARD, INC.

7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
 (772)286-5753 (772)286-5933 FAX
 LICENSED BUSINESS NO. 6852
RECORD SURVEY
IN-PROGRESS
 JOB NO. 21-23

PLAN VIEW



MATCHLINE STA: 90+00
SEE SHEET U7

MATCHLINE STA: 98+00
SEE SHEET U9

301 N.W. Flagler Ave.
 Stuart, Florida 34994
 Phone: (772) 692-4344
 Fax: (772) 692-4341

CIVIL Engineering Professionals

DATE: 11-21-21
 DRAWN BY: MIB
 DESIGNED BY: JLT
 CHECKED BY: JWC
 PROJECT NO.: 023154.1
 JOB NO.: 21-23
 HORIZ. SCALE: 1" = 30'
 VERT. SCALE: 1" = 3'

NO.	DATE	BY	REVISIONS
1	11-16-23	MIB	AFC PLANS
2	12-28-23	JTC	AFC PLANS 12-28-23 R

SCALE VERIFICATION

0 1
 SOLID BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING. ADJUST ALL SCALED DIMENSIONS ACCORDINGLY.

AS-BUILT

SOUTH SEWALLS POINT ROAD
 WATERMAIN (PHASE 3 AREA) &
 LPM (PHASE 3 & 4) IMPROVEMENTS
 TOWN OF SEWALLS POINT - FLORIDA

UTILITY PLAN & PROFILE

Joseph W. Capra
 301 N.W. Flagler Ave.
 Stuart, Florida 34994
 P.E. No. 37638

Printed Date: _____

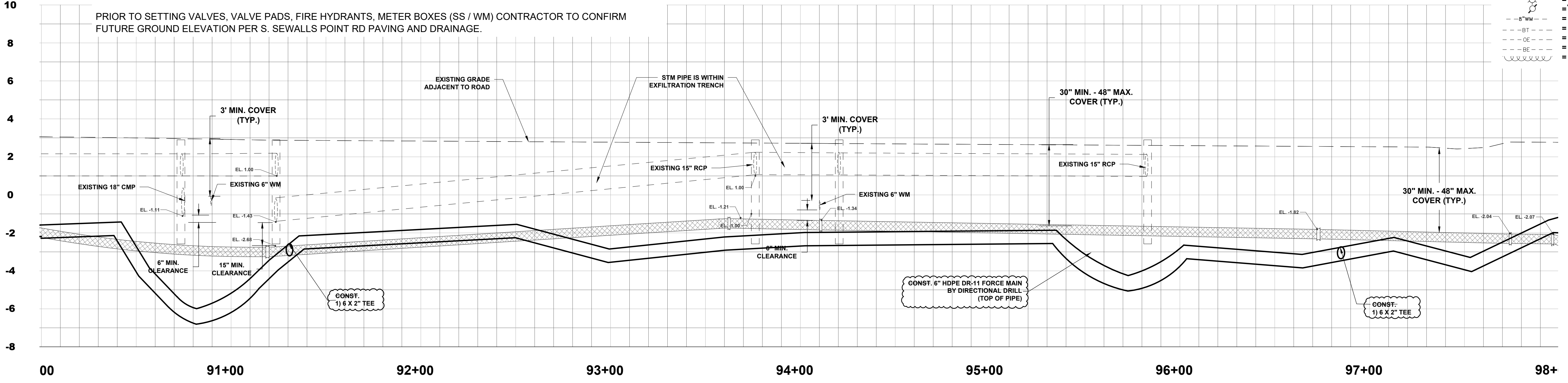
JOB No. **023.154.1**
 SHEET
U8 OF **18**

CONTRACTOR TO NOTE: FROM STA 71+00 TO 101+00, THIS AREA CONTAINS EXISTING UTILITIES ABOVE THE PROPOSED ELEVATION OF THE FM. PRIOR TO CONSTRUCTION THE CONTRACTOR TO LOCATE ALL UTILITIES. THE LPFM PIPE WILL GENERALLY BE PLACED OUTSIDE OF ANY ROADS AND DIRECTIONAL DRILLED.

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LPFM PROFILE

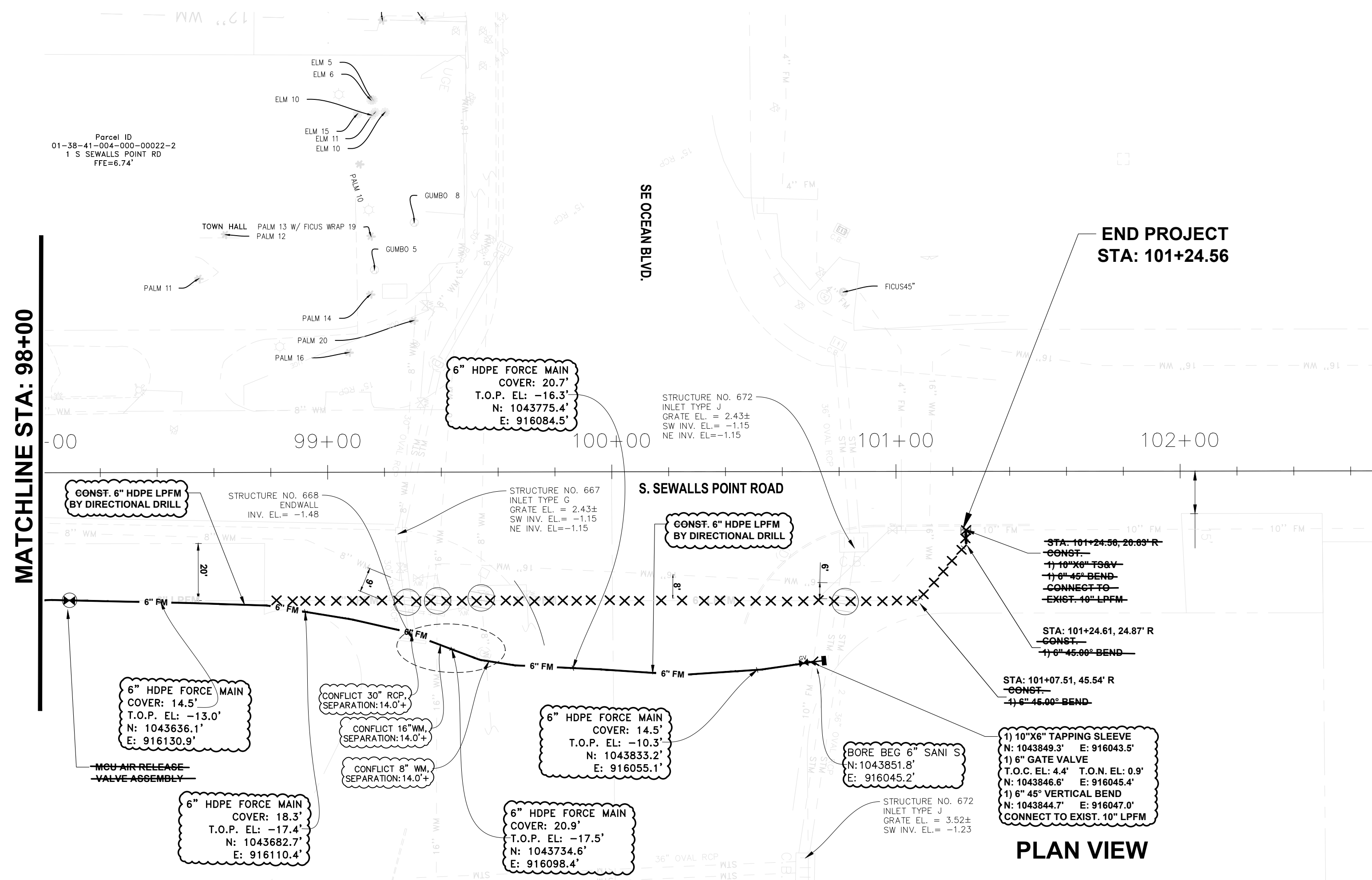
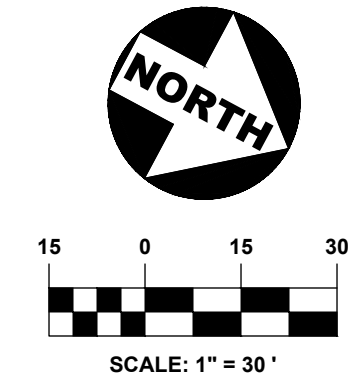


- LEGEND**
- [Symbol] = ROADWAY DRAINAGE SYSTEM (FUTURE)
 - [Symbol] = YARD DRAINAGE SYSTEM (FUTURE)
 - [Symbol] = CONST. WATER MAIN
 - [Symbol] = CONST. LOW PRESSURE FORCE MAIN
 - [Symbol] = REPLACE WATER METER
 - [Symbol] = CONST. LP SAN. SINGLE SERVICE
 - [Symbol] = CONST. LP SAN. DBL. SERVICE
 - [Symbol] = EXISTING WATER MAIN TO BE REMOVED OR ABANDONED
 - [Symbol] = EXISTING MAILBOX
 - [Symbol] = EXISTING WATER METER
 - [Symbol] = EXISTING VALVE
 - [Symbol] = EXISTING FIRE HYDRANT
 - [Symbol] = EXISTING LIGHT
 - [Symbol] = EXISTING UTILITY POLE
 - [Symbol] = EXISTING WATER MAIN
 - [Symbol] = EXISTING BURIED TELEPHONE
 - [Symbol] = EXISTING OVERHEAD ELECTRIC
 - [Symbol] = EXISTING BURIED ELECTRIC
 - [Symbol] = EXISTING LANDSCAPE



AFC PLANS
 11-16-23
 12-28-23 R

P:\E\2011794-Jamie_Underground\sewallis point fm-wm\SEWALLS POINT PHASE 3-4 UTILITY 1-29-24\DWG\LAB 023.127.3 UTILITY DWG2 2-15-24.dwg, 9/3/2024 3:40:22 PM, AutoCAD PDF (High Quality Print).pc3



END PROJECT
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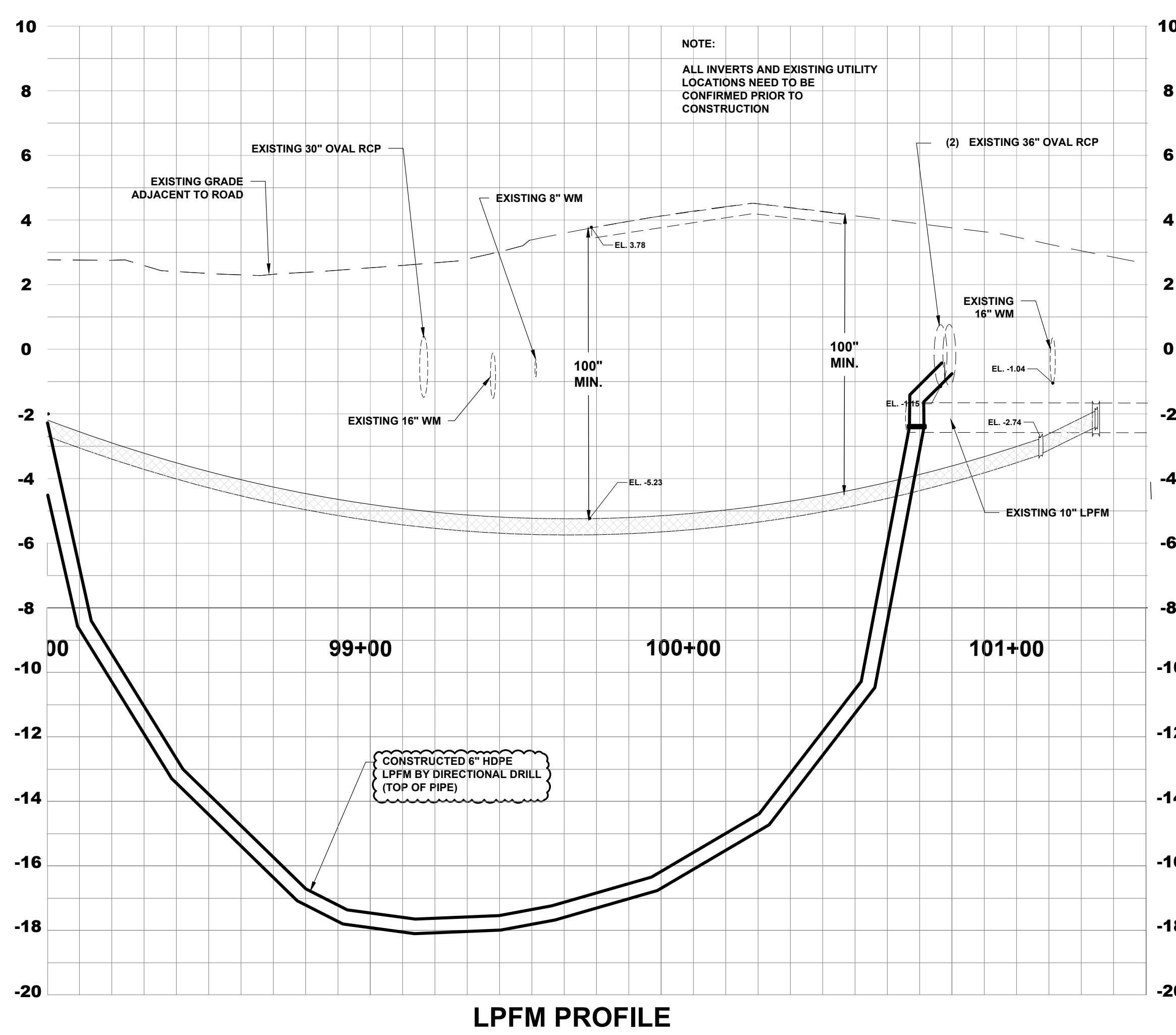
MATCHLINE STA: 98+00

PLAN VIEW

CONTRACTOR TO NOTE: FROM STA 71+00 TO 101+00, THIS AREA CONTAINS EXISTING UTILITIES ABOVE THE PROPOSED ELEVATION OF THE FM. PRIOR TO CONSTRUCTION THE CONTRACTOR TO LOCATE ALL UTILITIES. THE LPFM PIPE WILL GENERALLY BE PLACED OUTSIDE OF ANY ROADS AND DIRECTIONAL DRILLED.

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LPFM PROFILE

LEGEND

- ROADWAY DRAINAGE SYSTEM (FUTURE)
- YARD DRAINAGE SYSTEM (FUTURE)
- 8" WM = CONST. WATER MAIN
- 6" LPFM = CONST. LOW PRESSURE FORCE MAIN
- REPLACE WATER METER
- CONST. LP SAN. SINGLE SERVICE
- CONST. LP SAN. DBL. SERVICE
- EXISTING WATER MAIN TO BE REMOVED OR ABANDONED
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- EXISTING LIGHT
- EXISTING UTILITY POLE
- EXISTING WATER MAIN
- EXISTING BURIED TELEPHONE
- EXISTING OVERHEAD ELECTRIC
- EXISTING BURIED ELECTRIC
- EXISTING LANDSCAPE



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A DIVISION OF HALEY WARD, INC.

7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
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LICENSED BUSINESS NO. 6852

RECORD SURVEY
IN-PROGRESS
JOB NO. 21-23

AFC PLANS
11-16-23
12-28-23 R

FORCE/WATER MAIN AB

SOUTH SEWALLS POINT ROAD
WATER MAIN (PHASE 3 AREA) &
LPFM (PHASE 3 & 4) IMPROVEMENTS
TOWN OF SEWALL'S POINT - FLORIDA
UTILITY PLAN & PROFILE

Joseph W. Capra
301 N.W. Flagler Ave.
Stuart, Florida 34994
P.E. No. 37638

Printed Date:
JOB No.: **023.154.1**
SHEET
U9 OF **18**

301 N.W. Flagler Ave.
Stuart, Florida 34994
Phone: (772) 892-4344
Fax: (772) 892-4341

Engineering Business
No. EB-0007657
Civil Engineering Professionals

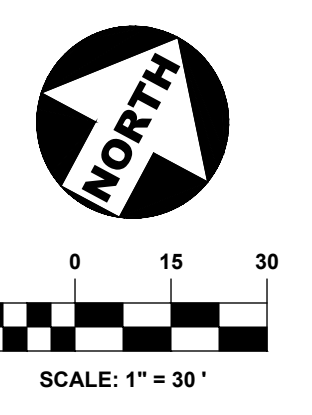
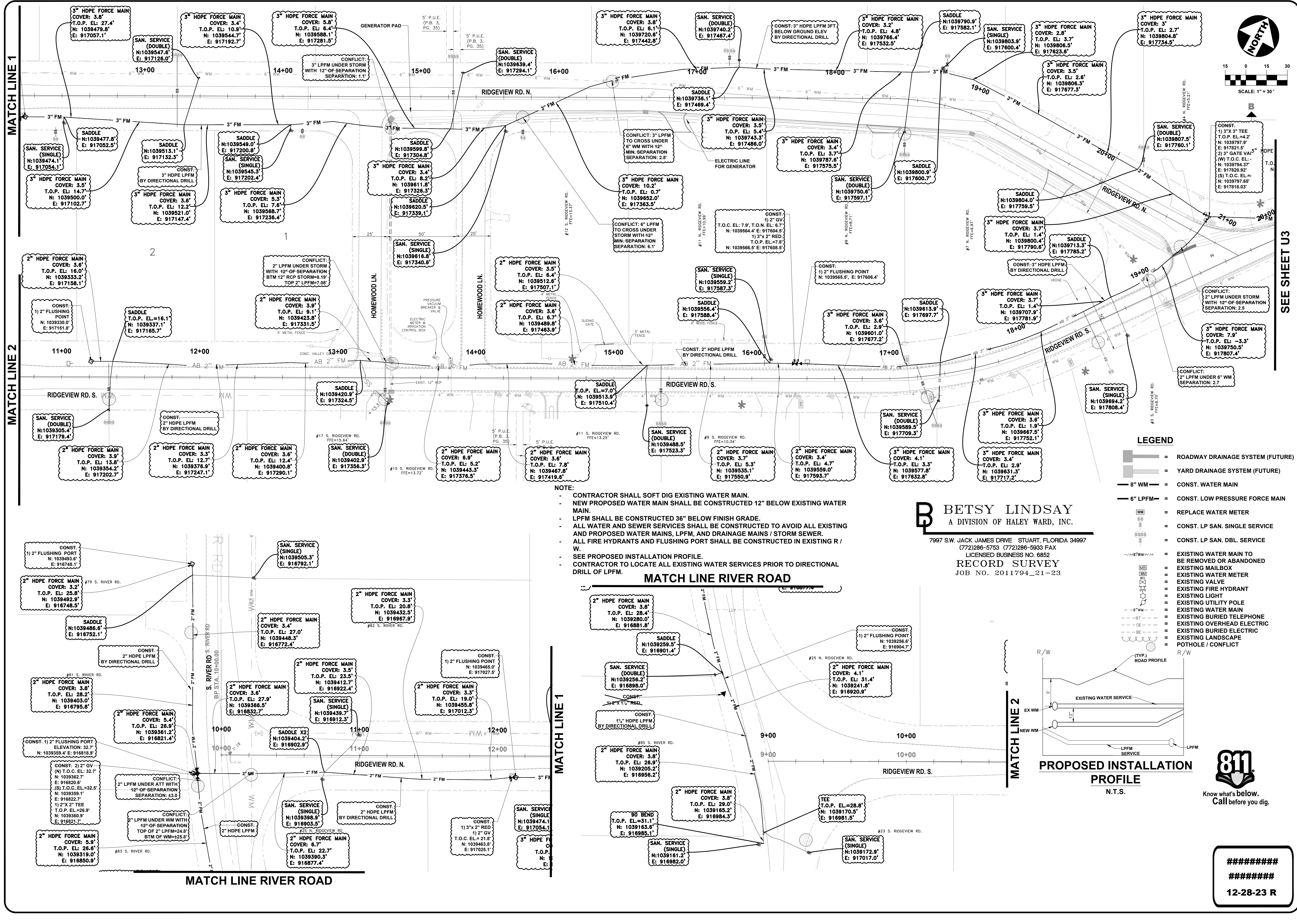
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DRAWN BY:	YS
DESIGNED BY:	HLT
CHECKED BY:	JWC
PROJECT NO.:	023.127.3
HORIZ. SCALE:	1" = 30'
VERT. SCALE:	1" = 3'
CADD FILE:	

NO.	DATE	BY	REVISIONS
2	12-28-23	JTC	AFC PLANS 12-28-23 R
1	11-16-23	MDB	AFC PLANS

SCALE VERIFICATION	1
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P:\EL2011794-Jamie_Underground\sewall point fm.wm\SEWALLS POINT PHASE 3-4 UTILITY 1-29-24\DWG\AB 023.127.3 UTILITY DWG1 2-15-24 (2).dwg, 9/23/2024 12:14:11 PM, AutoCAD PDF (High Quality Print) .p3



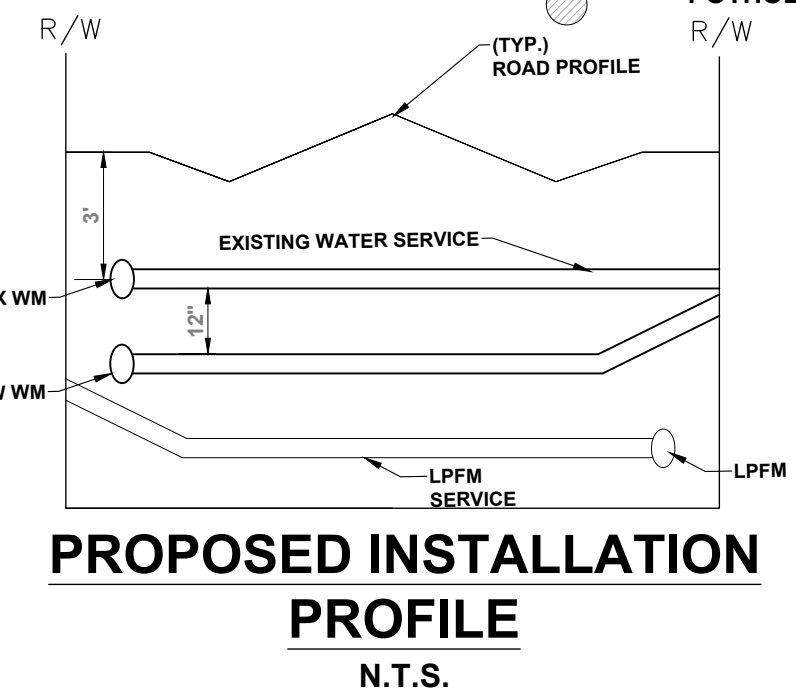
SEE SHEET U3

LEGEND

- = ROADWAY DRAINAGE SYSTEM (FUTURE)
- = YARD DRAINAGE SYSTEM (FUTURE)
-
-
- = REPLACE WATER METER
- = CONST. LP SAN. SINGLE SERVICE
- = CONST. LP SAN. DBL. SERVICE
- = EXISTING WATER MAIN TO BE REMOVED OR ABANDONED
- = EXISTING MAILBOX
- = EXISTING WATER METER
- = EXISTING VALVE
- = EXISTING FIRE HYDRANT
- = EXISTING LIGHT POLE
- = EXISTING UTILITY MAIN
- = EXISTING BURIED TELEPHONE
- = EXISTING OVERHEAD ELECTRIC
- = EXISTING BURIED ELECTRIC
- = EXISTING LANDSCAPE POTHOLE / CONFLICT

- NOTE:**
- CONTRACTOR SHALL SOFT DIG EXISTING WATER MAIN.
 - NEW PROPOSED WATER MAIN SHALL BE CONSTRUCTED 12" BELOW EXISTING WATER MAIN.
 - LPPM SHALL BE CONSTRUCTED 36" BELOW FINISH GRADE.
 - ALL WATER AND SEWER SERVICES SHALL BE CONSTRUCTED TO AVOID ALL EXISTING AND PROPOSED WATER MAINS, LPPM, AND DRAINAGE MAINS / STORM SEWER.
 - ALL FIRE HYDRANTS AND FLUSHING PORT SHALL BE CONSTRUCTED IN EXISTING R / W.
 - SEE PROPOSED INSTALLATION PROFILE.
 - CONTRACTOR TO LOCATE ALL EXISTING WATER SERVICES PRIOR TO DIRECTIONAL DRILL OF LPPM.

B Betsy Lindsay
A DIVISION OF HALEY WARD, INC.
7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
(772)286-5753 (772)286-5933 FAX
LICENSED BUSINESS NO. 6852
RECORD SURVEY
JOB NO. 2011794_21-23



12-28-23 R

301 N.W. Flagler Ave.
Stuart, Florida 34994
Phone: (772) 892-4344
Fax: (772) 892-4341

CAPTEC
Engineering, Inc.
Civil Engineering Professionals

DATE: 11-8-21
DRAWN BY: MOB
DESIGNED BY: HLT
CHECKED BY: JWC
PROJECT NO.: 023.154.1
HORIZ. SCALE: 1" = 30'
VERT. SCALE: 1" = 10'
CADD FILE:

NO.	DATE	BY	REVISIONS
2	12-28-23	JTC	AFC PLANS 12-28-23 R
1	#####	#####	#####

SCALE VERIFICATION
0 1
SOLID BAR IS EQUAL TO ORIGINAL DRAWING. ADJUST ALL SCALED DIMENSIONS ACCORDINGLY.

UTILITY PLAN (AS-BUILT)
SOUTH SEWALLS POINT ROAD
WATER MAIN (PHASE 3 AREA) &
LPPM (PHASE 3 & 4) IMPROVEMENTS
TOWN OF SEWALL'S POINT - FLORIDA

Joseph W. Capra
301 N.W. Flagler Ave.
Stuart, Florida 34994
P.E. No. 37638

Printed Date:
12-28-23 R
JOB No.: **023.154.1**
SHEET **U10** OF **18**

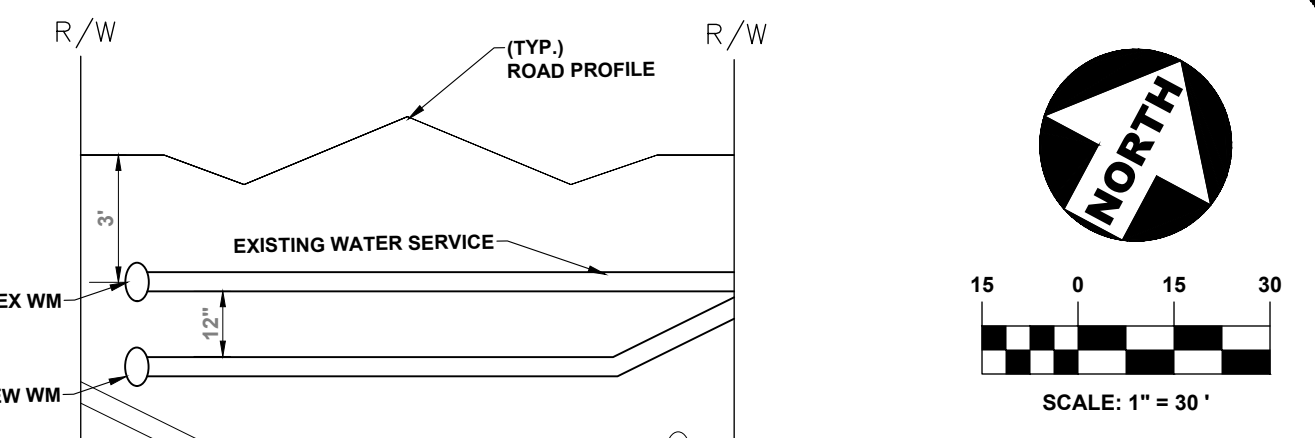
- NOTE:
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 - SEE PROPOSED INSTALLATION PROFILE.
 - CONTRACTOR TO LOCATE ALL EXISTING WATER SERVICES PRIOR TO DIRECTIONAL DRILL OF LPFM.

SEE SHEETS U16 & U17 FOR UTILITY DETAILS & WATER MAIN CONNECTION DETAIL
SEE OVERALL UTILITY PLAN (SHEET U1) FOR UTILITY NOTES:

NOTE: ALL WATER SERVICES TO BE REPLACED PER MARTIN COUNTY UTILITY SPECIFICATIONS. WATER SERVICES TO BE DIRECTIONALLY DRILLED UNDER ROADWAY. SURVEY LOCATED WATER METERS ARE SHOWN ON PLANS; AREAS WHERE WATER METERS WERE NOT FOUND STILL ACCOUNTED FOR WITH PROPOSED WATER METER LOCATIONS. CONTRACTOR TO FIELD VERIFY ALL WATER METER LOCATIONS AND ENSURE ALL RESIDENCES REQUIRING SERVICE ADJUSTMENTS ARE RECONSTRUCTED.

B BETSY LINDSAY
A DIVISION OF HALEY WARD, INC.

7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
(772)286-5753 (772)286-5903 FAX
LICENSED BUSINESS NO. 6852
RECORD SURVEY
JOB NO. 2011794_21-23



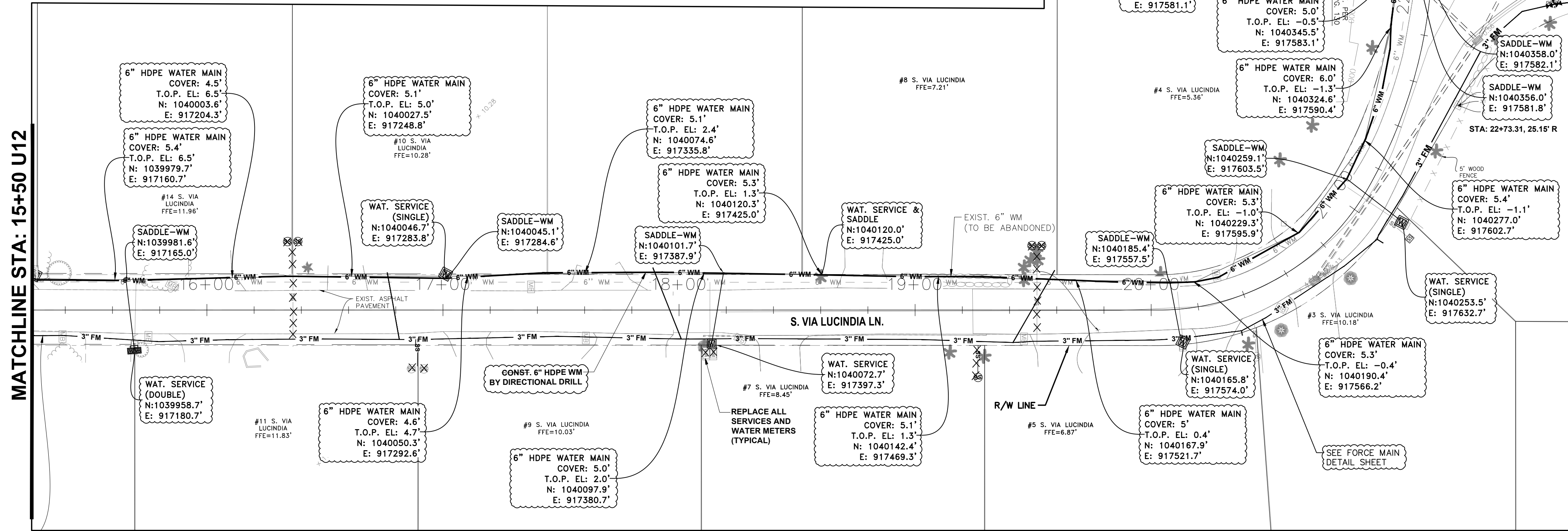
PROPOSED INSTALLATION PROFILE
N.T.S.

LEGEND

- ROADWAY DRAINAGE SYSTEM (FUTURE)
- YARD DRAINAGE SYSTEM (FUTURE)
- 8" WM - CONST. WATER MAIN
- 6" LPFM - CONST. LOW PRESSURE FORCE MAIN
- REPLACE WATER METER
- CONST. LP SAN. SINGLE SERVICE
- CONST. LP SAN. DBL. SERVICE
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- EXISTING OVERHEAD ELECTRIC
- EXISTING BURIED ELECTRIC
- EXISTING LANDSCAPE
- POTHOLE / CONFLICT

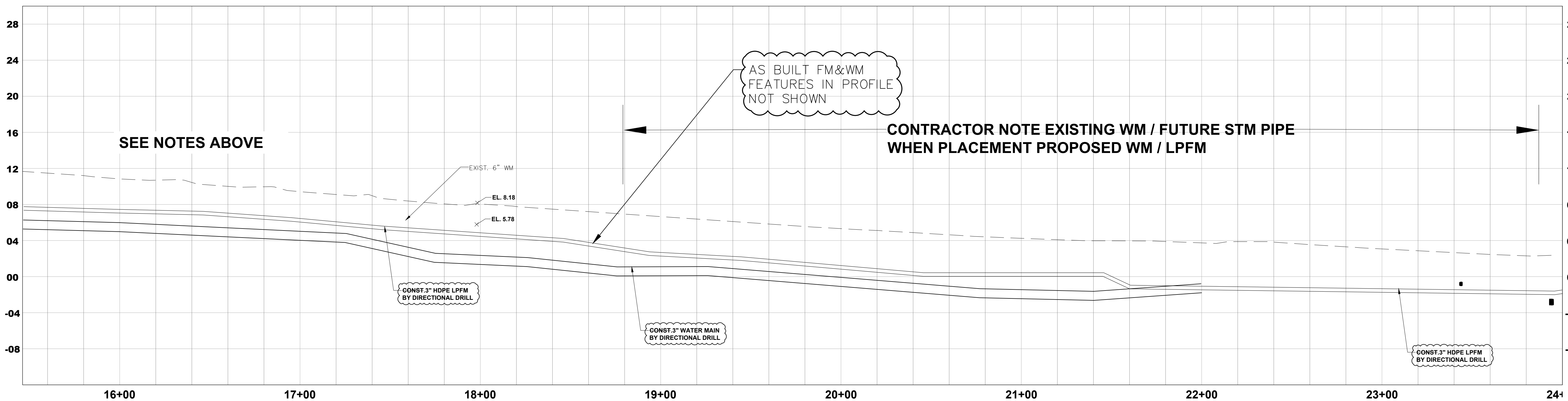
ABBREVIATIONS

- BL BETSY LINDSAY, INC.
- CNC CONCRETE
- EL. ELEVATION
- FM FORCE MAIN
- GND. GROUND ELEVATION
- GV GATE VALVE
- HDPE HIGH DENSITY POLYETHYLENE
- INV. INVERT
- IRC IRON ROD & CAP
- MNW MAG NAIL & WASHER
- P.B. PLAT BOOK
- PG. PAGE
- P.L.S. PROFESSIONAL LAND SURVEYOR
- P.S.M. PROFESSIONAL SURVEYOR & MAPPER
- PVC POLY VINYL CHLORIDE
- R/W RIGHT OF WAY
- SS SANITARY SERVICE
- T.O.N. TOP OF NUT
- T.O.P. TOP OF PIPE
- WM WATER MAIN
- WS WATER SERVICE



PLAN VIEW

SEE SHEET U11A FOR FORCEMAIN DETAIL



ROADWAY PROFILE



12-28-23 R

301 N.W. Flagler Ave.
Stuart, Florida 34994
Phone: (772) 892-4344
Fax: (772) 892-4341

CAPTEC
Engineering, Inc.
Civil Engineering Professionals
No. EB-0007657

DATE: 1-8-21

DRAWN BY: MDB
DESIGNED BY: HLT
CHECKED BY: JWC
PROJECT NO.: 023.154.1
HORZ. SCALE: 1" = 30'
VERT. SCALE: 1" = 3'
CADD FILE:

NO.	DATE	BY	REVISIONS
2	12-28-23	JTC	AFC PLANS 12-28-23 R
1	#####	#####	#####

SCALE VERIFICATION

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SOLID BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING. ADJUST ALL SCALED DIMENSIONS ACCORDINGLY.

SOUTH SWALLS POINT ROAD
WATERMAIN (PHASE 3 AREA) &
LPM (PHASE 3 & 4) IMPROVEMENTS
TOWN OF SEWALL'S POINT - FLORIDA

UTILITY PLAN & PROFILE
(AS-BUILT WATERMAIN)

Joseph W. Capra
301 N.W. Flagler Ave.
Stuart, Florida 34994
P.E. No. 37638

Printed Date:
JOB No.: **023.154.1**
SHEET
U11 OF **18**

- NOTE:
- CONTRACTOR SHALL SOFT DIG EXISTING WATER MAIN.
 - NEW PROPOSED WATER MAIN SHALL BE CONSTRUCTED 12" BELOW EXISTING WATER MAIN.
 - LPPM SHALL BE CONSTRUCTED 36" BELOW FINISH GRADE.
 - ALL WATER AND SEWER SERVICES SHALL BE CONSTRUCTED TO AVOID ALL EXISTING AND PROPOSED WATER MAINS, LPPM, AND DRAINAGE MAINS / STORM SEWER.
 - ALL FIRE HYDRANTS AND FLUSHING PORT SHALL BE CONSTRUCTED IN EXISTING R / W.
 - SEE PROPOSED INSTALLATION PROFILE.
 - CONTRACTOR TO LOCATE ALL EXISTING WATER SERVICES PRIOR TO DIRECTIONAL DRILL OF LPPM.

SEE SHEETS U16 & U17 FOR UTILITY DETAILS & WATER MAIN CONNECTION DETAIL
SEE OVERALL UTILITY PLAN (SHEET U1) FOR UTILITY NOTES:

NOTE: ALL WATER SERVICES TO BE REPLACED PER MARTIN COUNTY UTILITY SPECIFICATIONS. WATER SERVICES TO BE DIRECTIONALLY DRILLED UNDER ROADWAY. SURVEY LOCATED WATER METERS ARE SHOWN ON PLANS; AREAS WHERE WATER METERS WERE NOT FOUND STILL ACCOUNTED FOR WITH PROPOSED WATER METER LOCATIONS. CONTRACTOR TO FIELD VERIFY ALL WATER METER LOCATIONS AND ENSURE ALL RESIDENCES REQUIRING SERVICE ADJUSTMENTS ARE RECONSTRUCTED.

B Betsy Lindsay
A DIVISION OF HALEY WARD, INC.

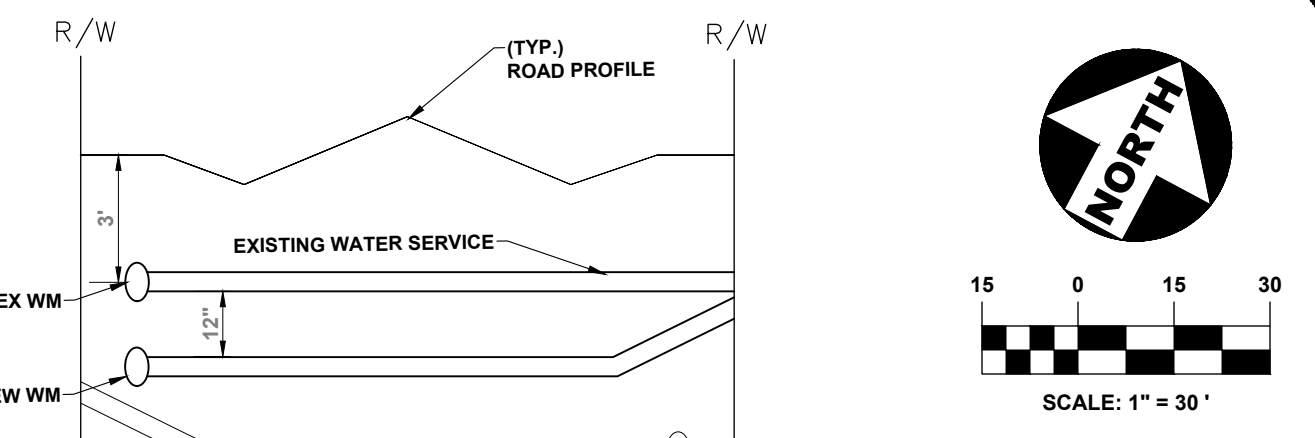
7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997

(772)286-5753 (772)286-5933 FAX

LICENSED BUSINESS NO. 6852

RECORD SURVEY

JOB NO. 2011794_21-23

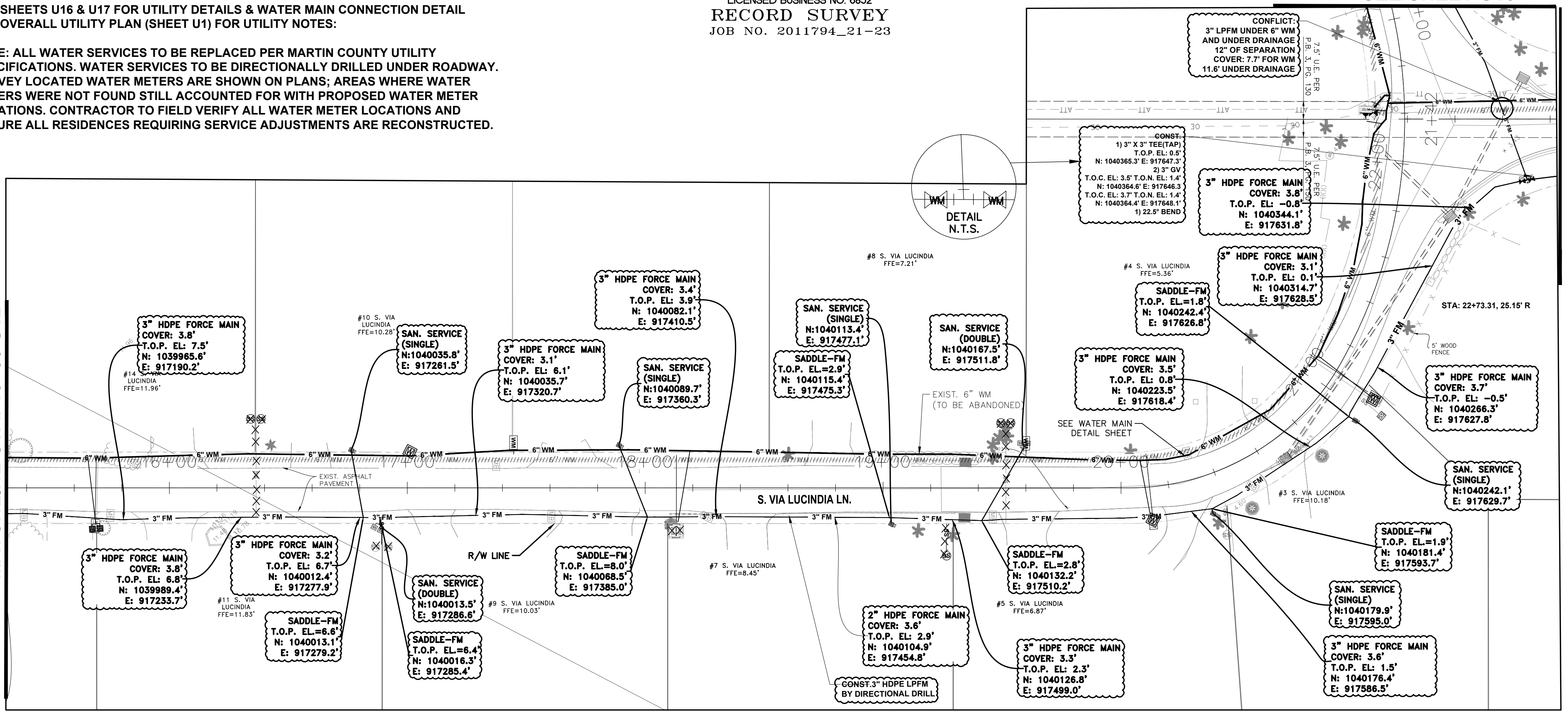


PROPOSED INSTALLATION PROFILE
N.T.S.

- LEGEND**
- ROADWAY DRAINAGE SYSTEM (FUTURE)
 - YARD DRAINAGE SYSTEM (FUTURE)
 - 6" WM - CONST. WATER MAIN
 - 6" LPPM - CONST. LOW PRESSURE FORCE MAIN
 - REPLACE WATER METER
 - CONST. LP SAN. SINGLE SERVICE
 - CONST. LP SAN. DBL. SERVICE
 - EXISTING WATER MAIN TO BE REMOVED OR ABANDONED
 - EXISTING MAILBOX
 - EXISTING WATER METER
 - EXISTING VALVE
 - EXISTING FIRE HYDRANT
 - EXISTING LIGHT
 - EXISTING UTILITY POLE
 - EXISTING WATER MAIN
 - EXISTING BURIED TELEPHONE
 - EXISTING OVERHEAD ELECTRIC
 - EXISTING BURIED ELECTRIC
 - EXISTING LANDSCAPE
 - POTHOLE / CONFLICT

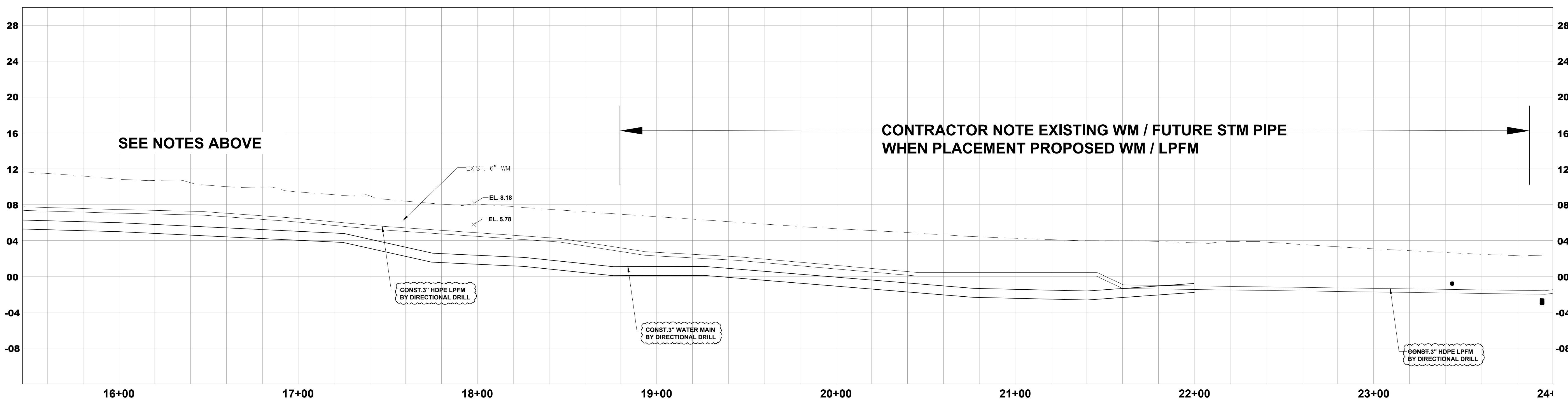
- ABBREVIATIONS**
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 - CNC CONCRETE
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 - FM FORCE MAIN
 - GND. GROUND ELEVATION
 - GV GATE VALVE
 - HDPE HIGH DENSITY POLYETHYLENE
 - INV. INVERT
 - IRC IRON ROD & CAP
 - MNW MAG NAIL & WASHER
 - P.B. PLAT BOOK
 - P.C. PAGE
 - P.L.S. PROFESSIONAL LAND SURVEYOR
 - P.S.M. PROFESSIONAL SURVEYOR & MAPPER
 - PVC POLY VINYL CHLORIDE
 - R/W RIGHT OF WAY
 - SS SANITARY SERVICE
 - T.O.N. TOP OF NUT
 - T.O.P. TOP OF PIPE
 - WM WATER MAIN
 - WS WATER SERVICE

MATCHLINE STA: 15+50 U12



PLAN VIEW

SEE SHEET U11 FOR WATERMAIN DETAIL



ROADWAY PROFILE

SEE NOTES ABOVE

CONTRACTOR NOTE EXISTING WM / FUTURE STM PIPE WHEN PLACEMENT PROPOSED WM / LPPM

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CAPTEC
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Civil Engineering Professionals

Engineering Business
No. EB-0007657

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CADD FILE:

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SCALE VERIFICATION

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SOUTH SEWALLS POINT ROAD WATERMAIN (PHASE 3 AREA) & LPPM (PHASE 3 & 4) IMPROVEMENTS
TOWN OF SEWALLS POINT - FLORIDA

UTILITY PLAN & PROFILE (AS-BUILT FORCEMAIN)

Joseph W. Capra
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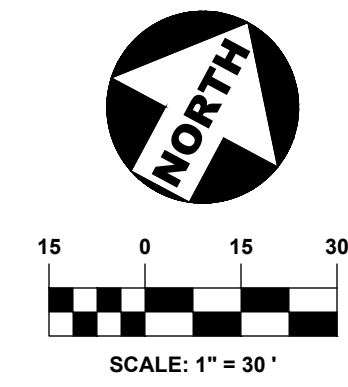
Printed Date:
12-28-23 R

JOB No.: 023.154.1
SHEET
U11A OF 18

SEE SHEETS U16 & U17 FOR UTILITY DETAILS & WATER MAIN CONNECTION DETAIL
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 - SEE PROPOSED INSTALLATION PROFILE



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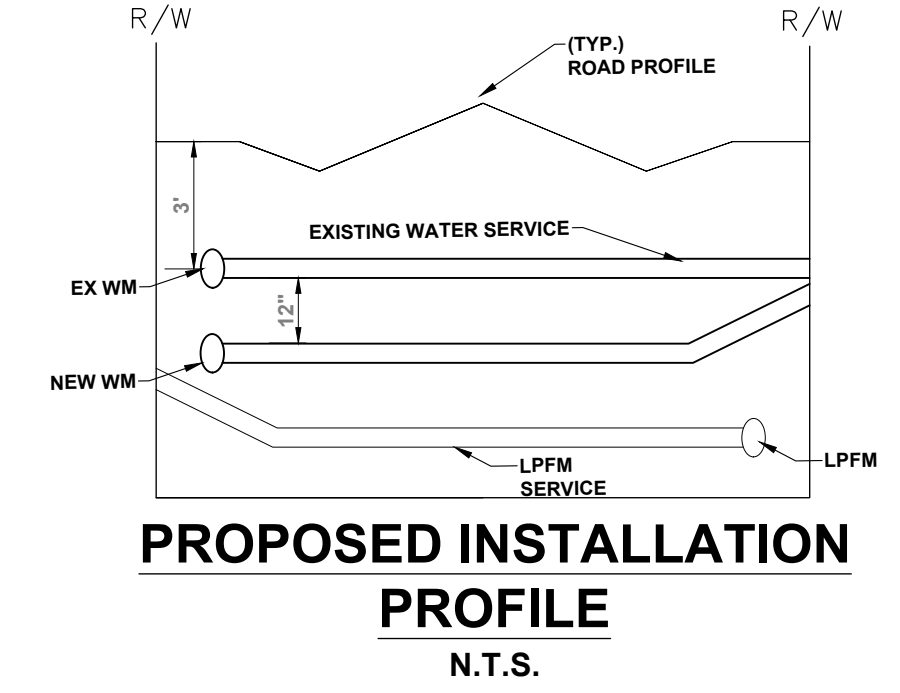
SCALE VERIFICATION	1
SOLID BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING. ADJUST ALL SCALED DIMENSIONS ACCORDINGLY	

SOUTH SEWALLS POINT ROAD WATERMAIN (PHASE 3 AREA) & IMPROVEMENTS LPM (PHASE 3 & 4)
TOWN OF SEWALL'S POINT - FLORIDA
UTILITY PLAN & PROFILE (AS-BUILT WATERMAIN)

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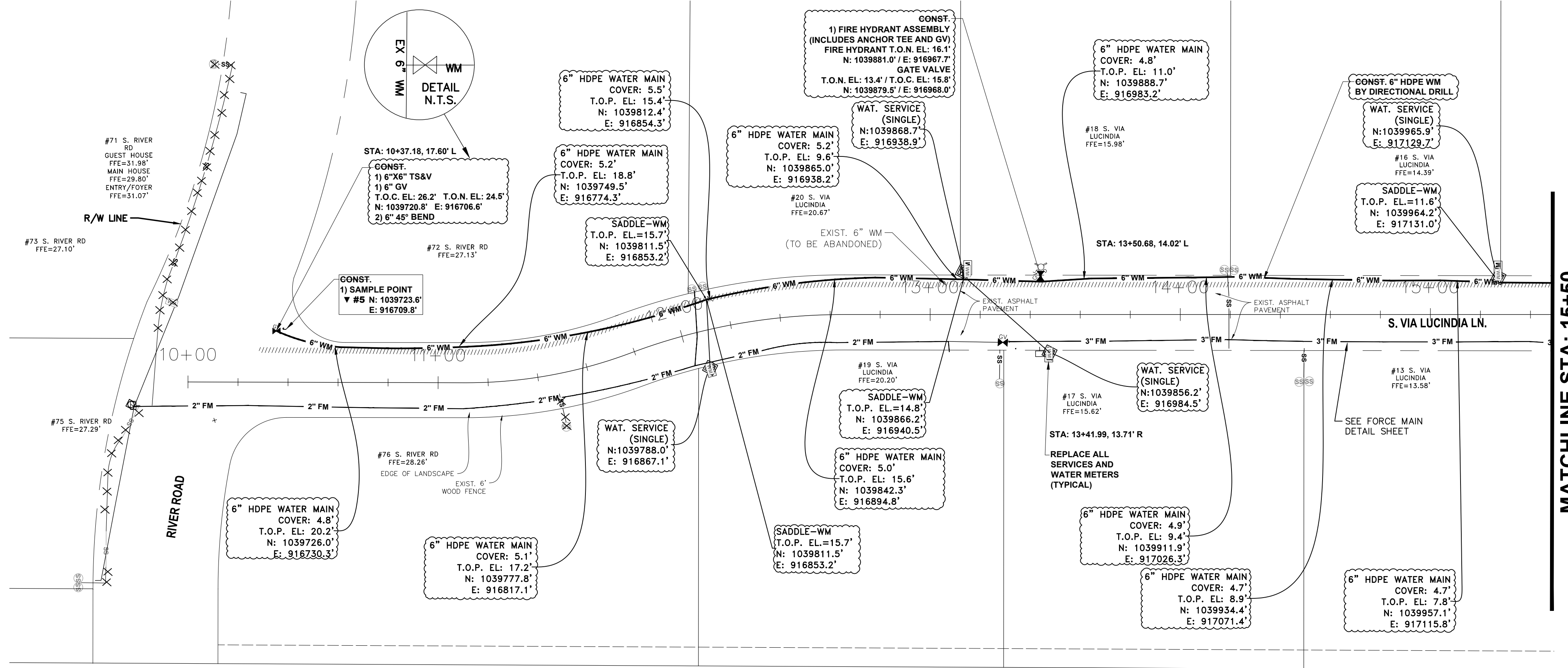
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JOB No.: **023.154.1**
SHEET **U12** OF **18**

Printed Date: _____



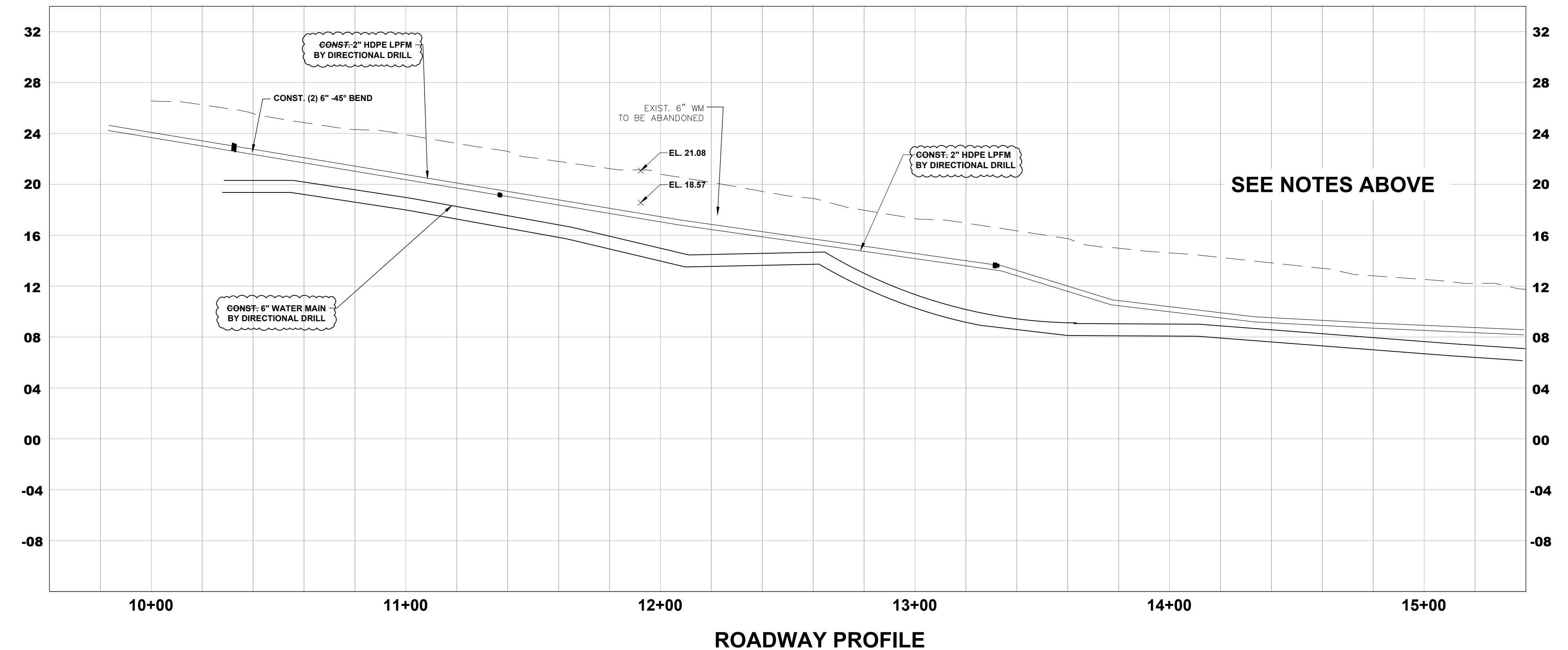
ABBREVIATIONS

BL	BETSY LINDSAY, INC.
C.N.C.	CONCRETE
EL.	ELEVATION
FM	FORCE MAIN
GND.	GROUND ELEVATION
GV	GATE VALVE
HDPE	HIGH DENSITY POLYETHYLENE
INV.	INVERT
IRC	IRON ROD & CAP
MNW	MAG NAIL & WASHER
P.B.	PLAT BOOK
P.C.	PAGE
P.L.S.	PROFESSIONAL LAND SURVEYOR
P.S.M.	PROFESSIONAL SURVEYOR & MAPPER
PVC	POLY VINYL CHLORIDE
R/W	RIGHT OF WAY
SS	SANITARY SERVICE
T.O.N.	TOP OF NUT
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WM	WATER MAIN
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PLAN VIEW

SEE SHEET U12A FOR FORCEMAIN DETAIL



ROADWAY PROFILE

SEE NOTES ABOVE

LEGEND

	= ROADWAY DRAINAGE SYSTEM (FUTURE)
	= YARD DRAINAGE SYSTEM (FUTURE)
	= 8" WM
	= 6" WM
	= 6" LPFM
	= REPLACE WATER METER
	= CONST. LP SAN. SINGLE SERVICE
	= CONST. LP SAN. DBL. SERVICE
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B BETSY LINDSAY
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RECORD SURVEY
JOB NO. 2011794_21-23



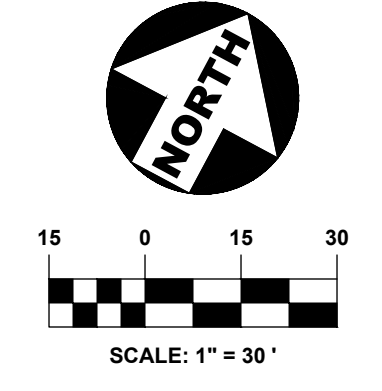
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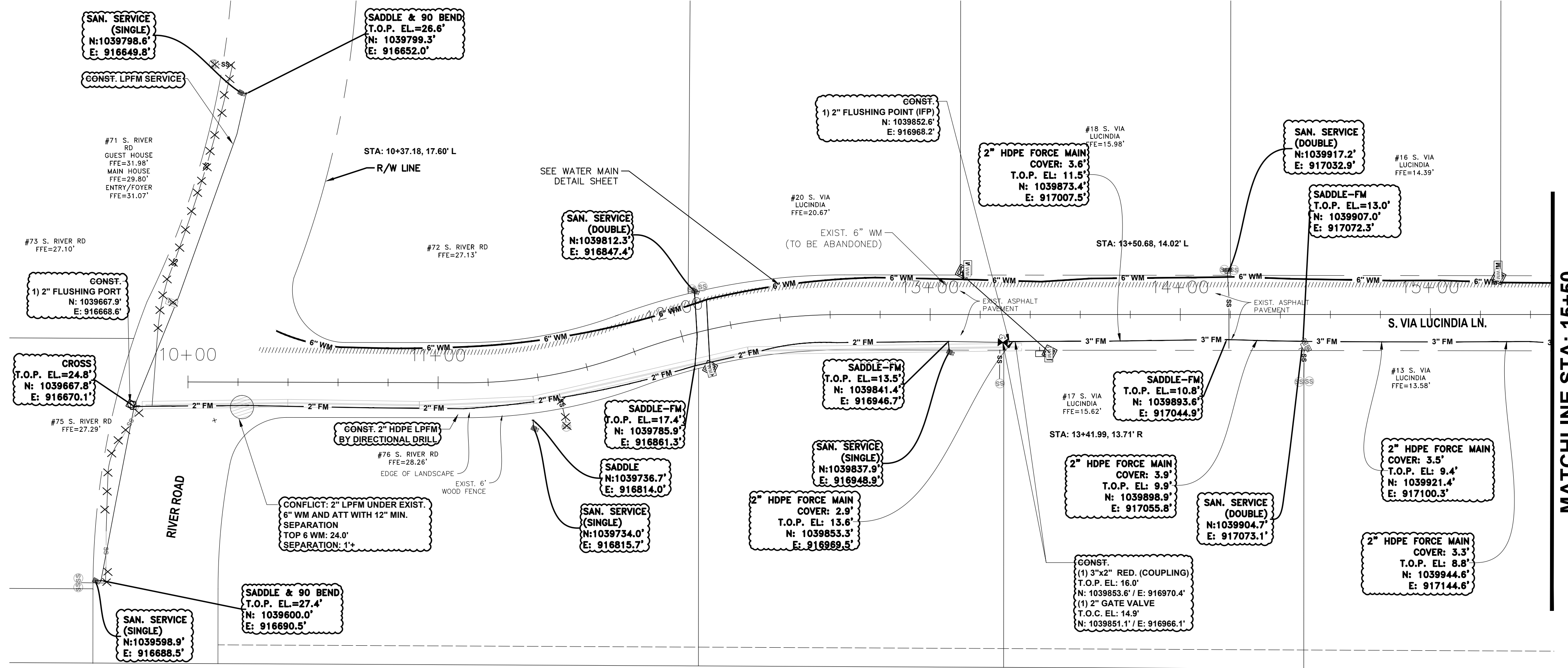
SOUTH SEAWALLS POINT ROAD WATERMAIN (PHASE 3 AREA) & LPM (PHASE 3 & 4) IMPROVEMENTS TOWN OF SEAWALL'S POINT - FLORIDA

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SHEET
U12A OF **18**

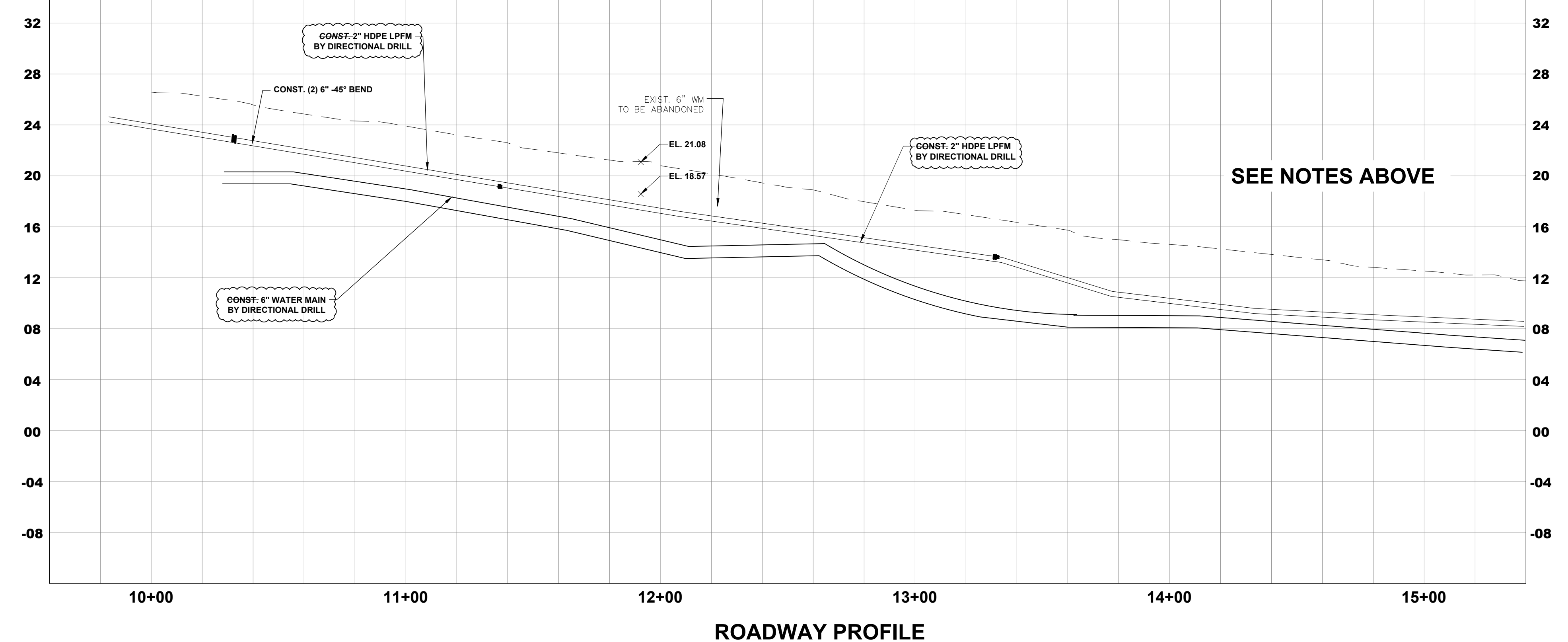
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MATCHLINE STA: 15+50
SEE SHEET U11

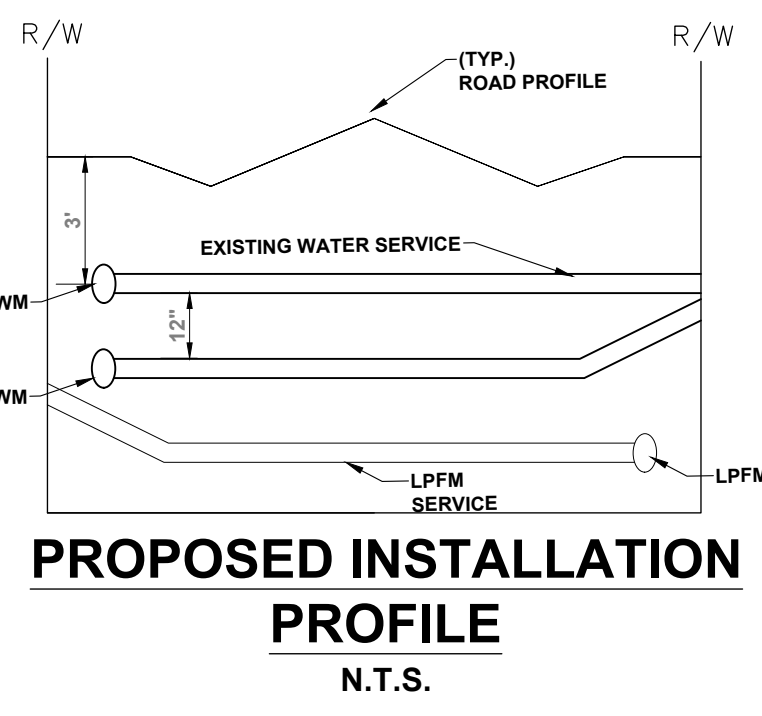
PLAN VIEW

SEE SHEET U12 FOR WATERMAIN DETAIL



ROADWAY PROFILE

SEE NOTES ABOVE



- ABBREVIATIONS**
- BL Betsy Lindsay, Inc.
 - CNC CONCRETE
 - EL ELEVATION
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- LEGEND**
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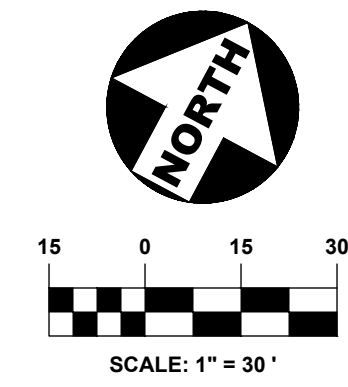


12-28-23 R

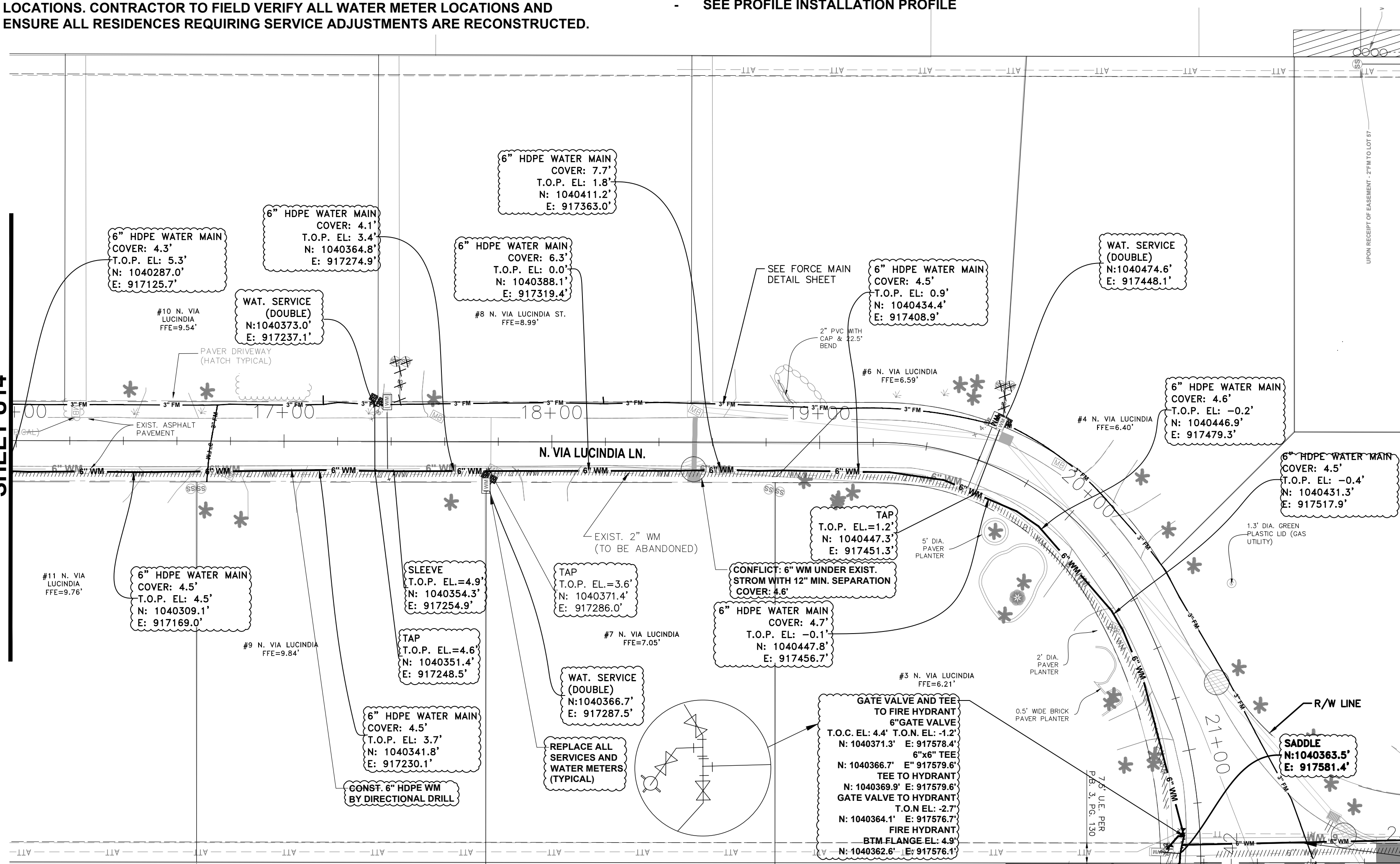
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 - SEE PROFILE INSTALLATION PROFILE



MATCHLINE STA: 16+00
SHEET U14



PLAN VIEW
SEE SHEET U11
SEE SHEET U13A FOR FORCEMAIN DETAIL

MATCHLINE SHEET U4

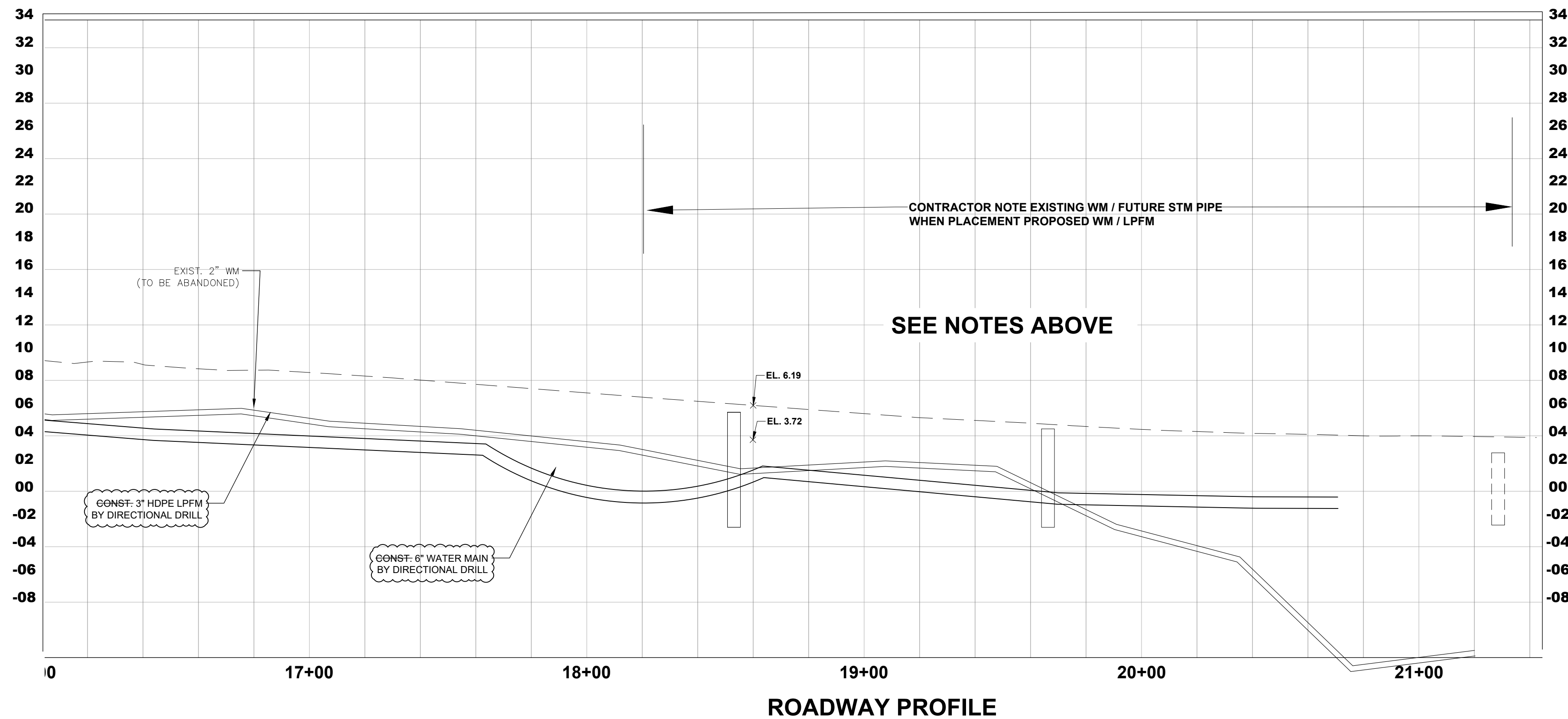
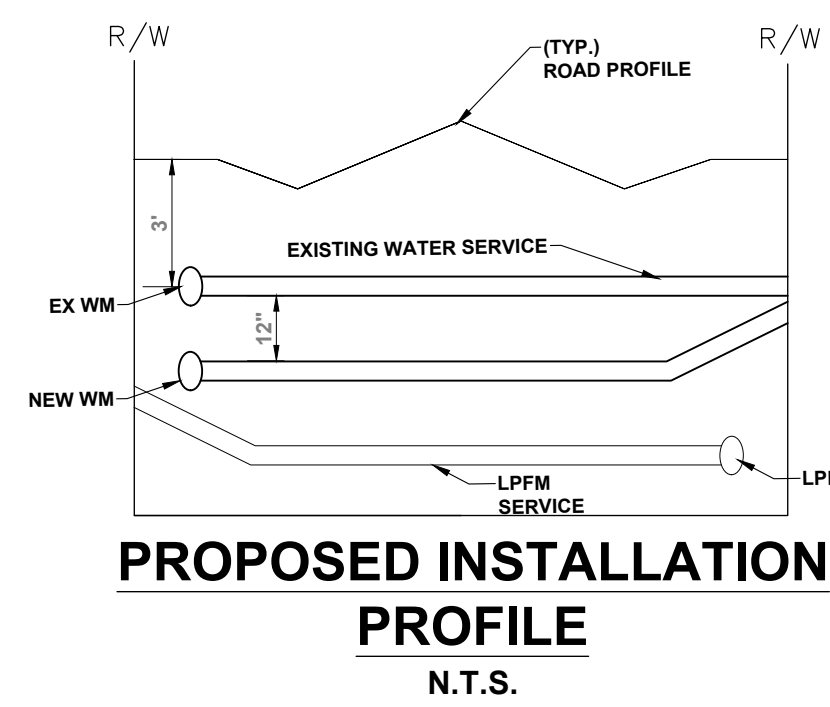
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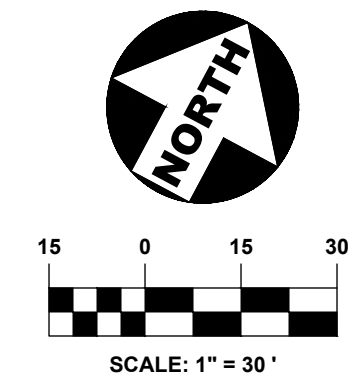
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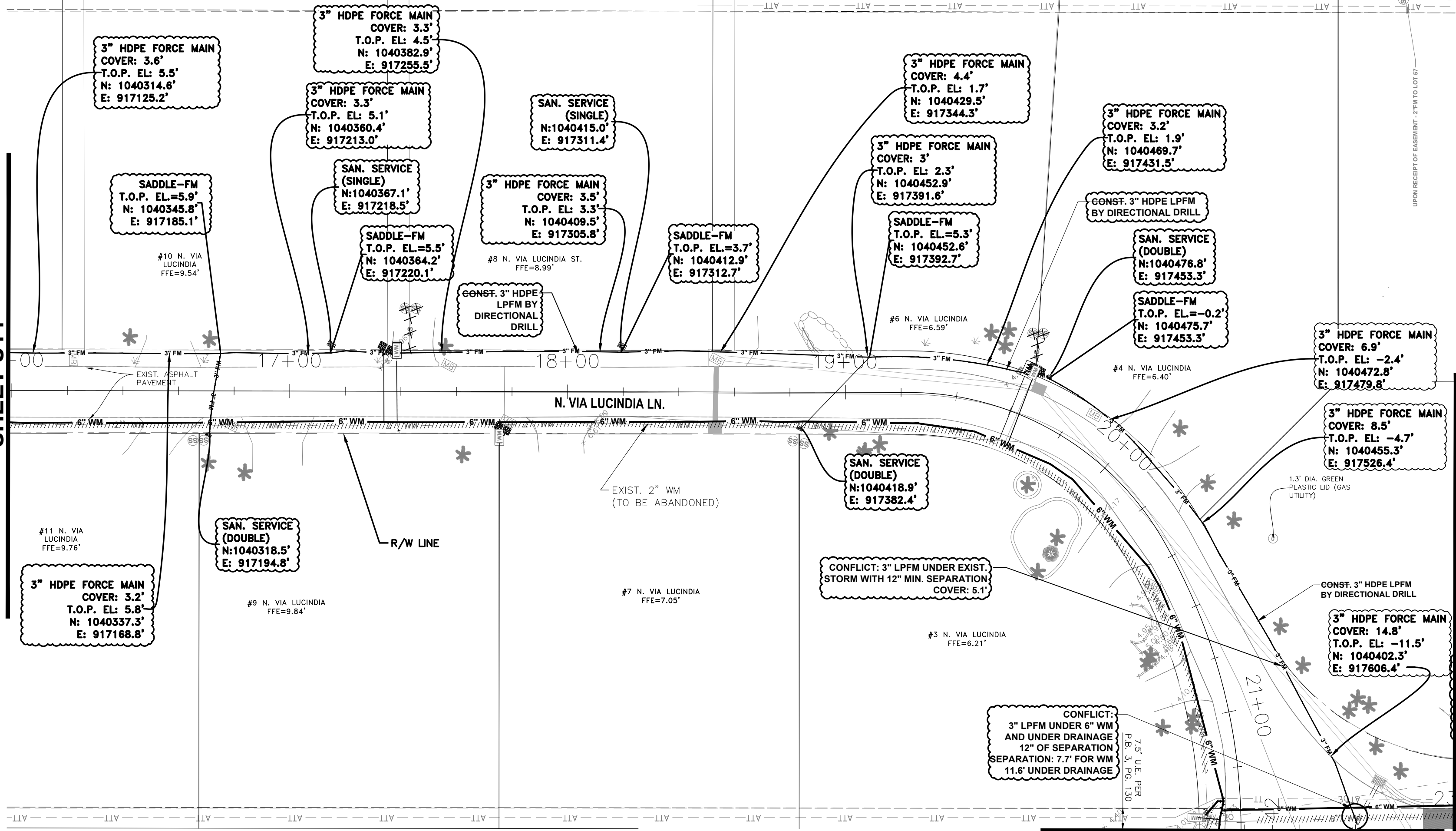
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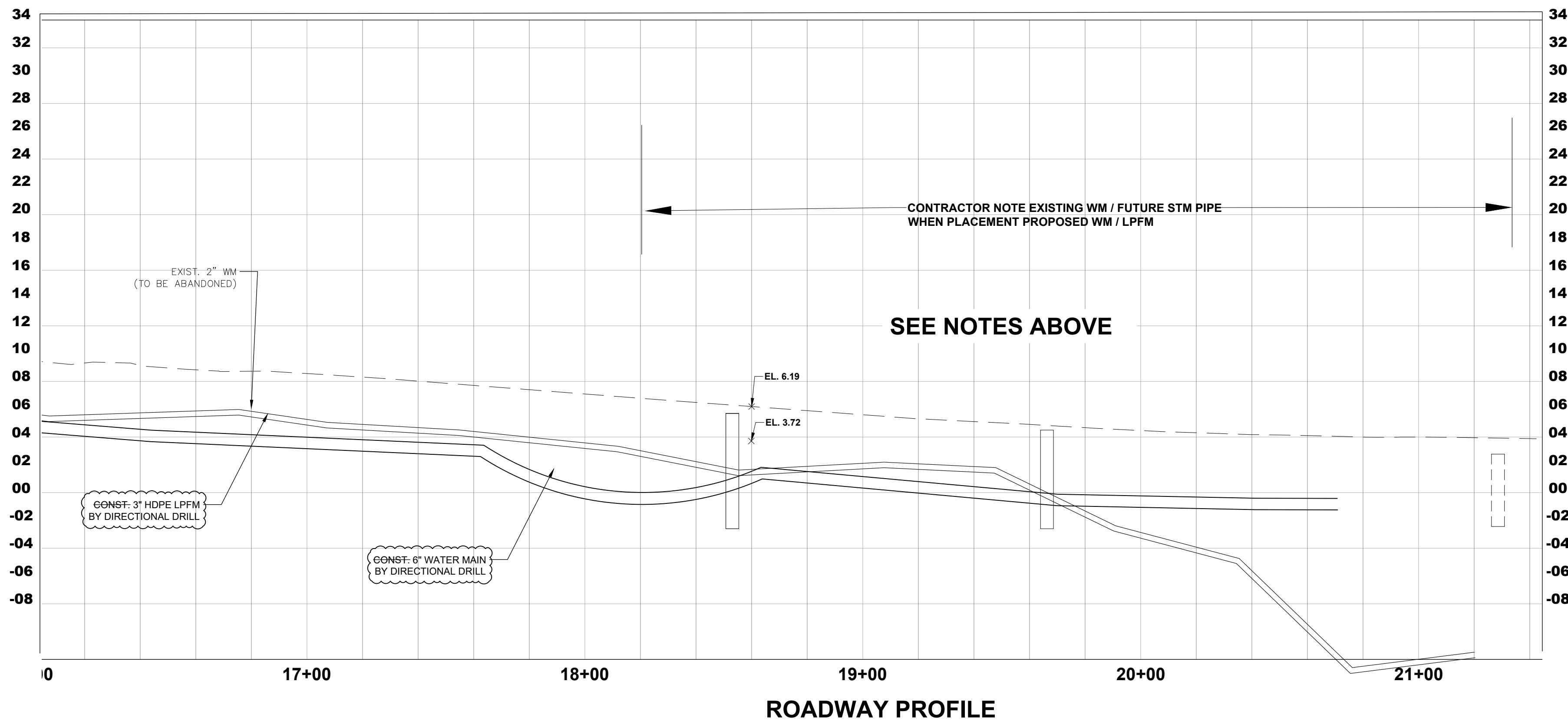
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 - ALL FIRE HYDRANTS AND FLUSHING PORT SHALL BE CONSTRUCTED WITHIN EXISTING R / W.
 - SEE PROFILE INSTALLATION PROFILE



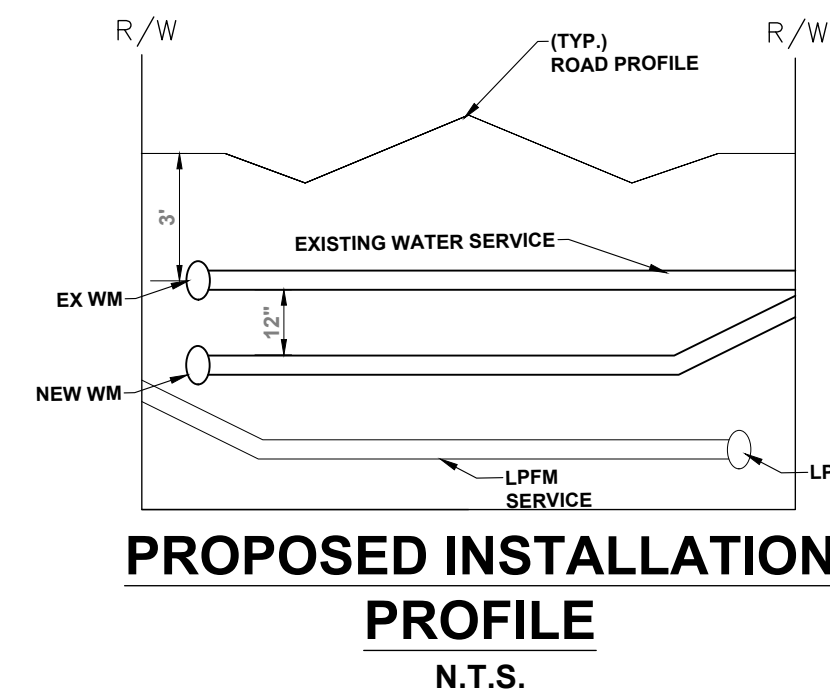
MATCHLINE STA: 16+00
SHEET U14



PLAN VIEW
SEE SHEET U11
SEE SHEET U13 FOR WATERMAIN DETAIL



ROADWAY PROFILE



PROPOSED INSTALLATION
PROFILE
N.T.S.

- LEGEND**
- [Symbol] = ROADWAY DRAINAGE SYSTEM (FUTURE)
 - [Symbol] = YARD DRAINAGE SYSTEM (FUTURE)
 - [Symbol] = CONST. WATER MAIN
 - [Symbol] = CONST. LOW PRESSURE FORCE MAIN
 - [Symbol] = REPLACE WATER METER
 - [Symbol] = CONST. LP SAN. SINGLE SERVICE
 - [Symbol] = CONST. LP SAN. DBL. SERVICE
 - [Symbol] = EXISTING WATER MAIN TO BE REMOVED OR ABANDONED
 - [Symbol] = EXISTING MAILBOX
 - [Symbol] = EXISTING WATER METER
 - [Symbol] = EXISTING VALVE
 - [Symbol] = EXISTING FIRE HYDRANT
 - [Symbol] = EXISTING LIGHT
 - [Symbol] = EXISTING UTILITY POLE
 - [Symbol] = EXISTING WATER MAIN
 - [Symbol] = EXISTING BURIED TELEPHONE
 - [Symbol] = EXISTING OVERHEAD ELECTRIC
 - [Symbol] = EXISTING BURIED ELECTRIC
 - [Symbol] = EXISTING LANDSCAPE
 - [Symbol] = POTHOLE / CONFLICT

- ABBREVIATIONS**
- BL Betsy Lindsay, Inc.
 - CNC CONCRETE
 - EL ELEVATION
 - FM FORCE MAIN
 - GND. GROUND ELEVATION
 - GV GATE VALVE
 - HDPE HIGH DENSITY POLYETHYLENE
 - INV. INVERT
 - IRC IRON ROD & CAP
 - MNW MAG NAIL & WASHER
 - P.B. PLAT BOOK
 - PG. PAGE
 - P.L.S. PROFESSIONAL LAND SURVEYOR
 - P.S.M. PROFESSIONAL SURVEYOR & MAPPER
 - PVC POLY VINYL CHLORIDE
 - R/W RIGHT OF WAY
 - SS SANITARY SERVICE
 - T.O.N. TOP OF NUT
 - T.O.P. TOP OF PIPE
 - WM WATER MAIN
 - WS WATER SERVICE

B Betsy Lindsay
A DIVISION OF HALEY WARD, INC.
7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
(772)286-5753 (772)286-5933 FAX
LICENSED BUSINESS NO. 6852
RECORD SURVEY
JOB NO. 2011794_21-23

301 N.W. Flagler Ave.
Stuart, Florida 34994
Phone: (772) 892-4344
Fax: (772) 892-4341

CAPTEC
Engineering, Inc.
Civil Engineering Professionals
No. EB-0007657

DATE: 1-8-21

DRAWN BY:	MOB
DESIGNED BY:	HLT
CHECKED BY:	JWC
PROJECT NO.:	023.154.1
HORIZ. SCALE:	1" = 30'
VERT. SCALE:	1" = 3'
CADD FILE:	

NO.	DATE	BY	REVISIONS
2	12-28-23	JTC	AFC PLANS 12-28-23 R
1	#####	###	#####

SCALE VERIFICATION

1
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SOLID BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING. ADJUST ALL SCALED DIMENSIONS ACCORDINGLY.

SOUTH SEWALLS POINT ROAD WATERMAIN (PHASE 3 AREA) & LPPM (PHASE 3 & 4) IMPROVEMENTS TOWN OF SEWALL'S POINT - FLORIDA UTILITY PLAN & PROFILE (AS-BUILT FOR CEMAIN)



12-28-23 R

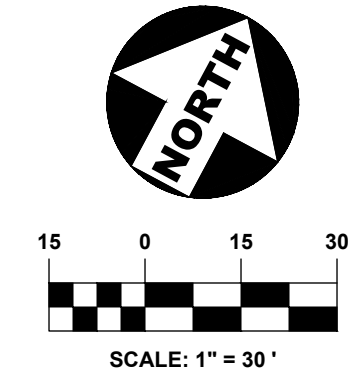
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JOB No.: **023.154.1**
SHEET **U13A** OF **18**

SEE SHEETS U16 & U17 FOR UTILITY DETAILS & WATER MAIN CONNECTION DETAIL
SEE OVERALL UTILITY PLAN (SHEET U1) FOR UTILITY NOTES:

NOTE: ALL WATER SERVICES TO BE REPLACED PER MARTIN COUNTY UTILITY SPECIFICATIONS. WATER SERVICES TO BE DIRECTIONALLY DRILLED UNDER ROADWAY. SURVEY LOCATED WATER METERS ARE SHOWN ON PLANS; AREAS WHERE WATER METERS WERE NOT FOUND STILL ACCOUNTED FOR WITH PROPOSED WATER METER LOCATIONS. CONTRACTOR TO FIELD VERIFY ALL WATER METER LOCATIONS AND ENSURE ALL RESIDENCES REQUIRING SERVICE ADJUSTMENTS ARE RECONSTRUCTED.

NOTE:

- CONTRACTOR SHALL SOFT DIG EXISTING WATER MAIN.
- NEW PROPOSED WATER MAIN SHALL BE CONSTRUCTED 12" BELOW EXISTING WATER MAIN.
- LPPM SHALL BE CONSTRUCTED 36" BELOW FINISH GRADE.
- ALL WATER AND SEWER SERVICES SHALL BE CONSTRUCTED TO AVOID ALL EXISTING AND PROPOSED WATER MAINS, LPPM, AND DRAINAGE MAINS / STORM SEWER.
- ALL FIRE HYDRANTS AND FLUSHING PORT SHALL BE CONSTRUCTED WITHIN EXISTING R / W.
- SEE PROPOSED INSTALLATION PROFILE

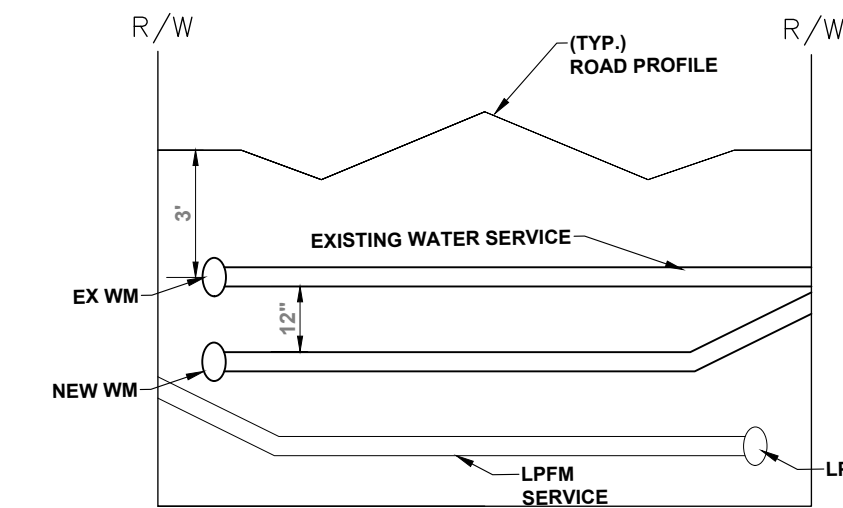


BETSY LINDSAY
A DIVISION OF HALEY WARD, INC.

7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
(772)286-5753 (772)286-5933 FAX
LICENSED BUSINESS NO. 6852
RECORD SURVEY
JOB NO. 2011794_21-23

ABBREVIATIONS

BNC.	BETSY LINDSAY, INC.
CNC.	CONCRETE
EL.	ELEVATION
FM	FORCE MAIN
GND.	GROUND ELEVATION
GV	GATE VALVE
HDPE	HIGH DENSITY POLYETHYLENE
INV.	INVERT
IRC	IRON ROD & CAP
MNW	MAG NAIL & WASHER
P.B.	PLAT BOOK
PG.	PAGE
P.L.S.	PROFESSIONAL LAND SURVEYOR
P.S.M.	PROFESSIONAL SURVEYOR & MAPPER
PVC	POLY VINYL CHLORIDE
R/W	RIGHT OF WAY
SS	SANITARY SERVICE
T.O.N.	TOP OF NUT
T.O.P.	TOP OF PIPE
WM	WATER MAIN
WS	WATER SERVICE



PROPOSED INSTALLATION PROFILE
N.T.S.

LEGEND

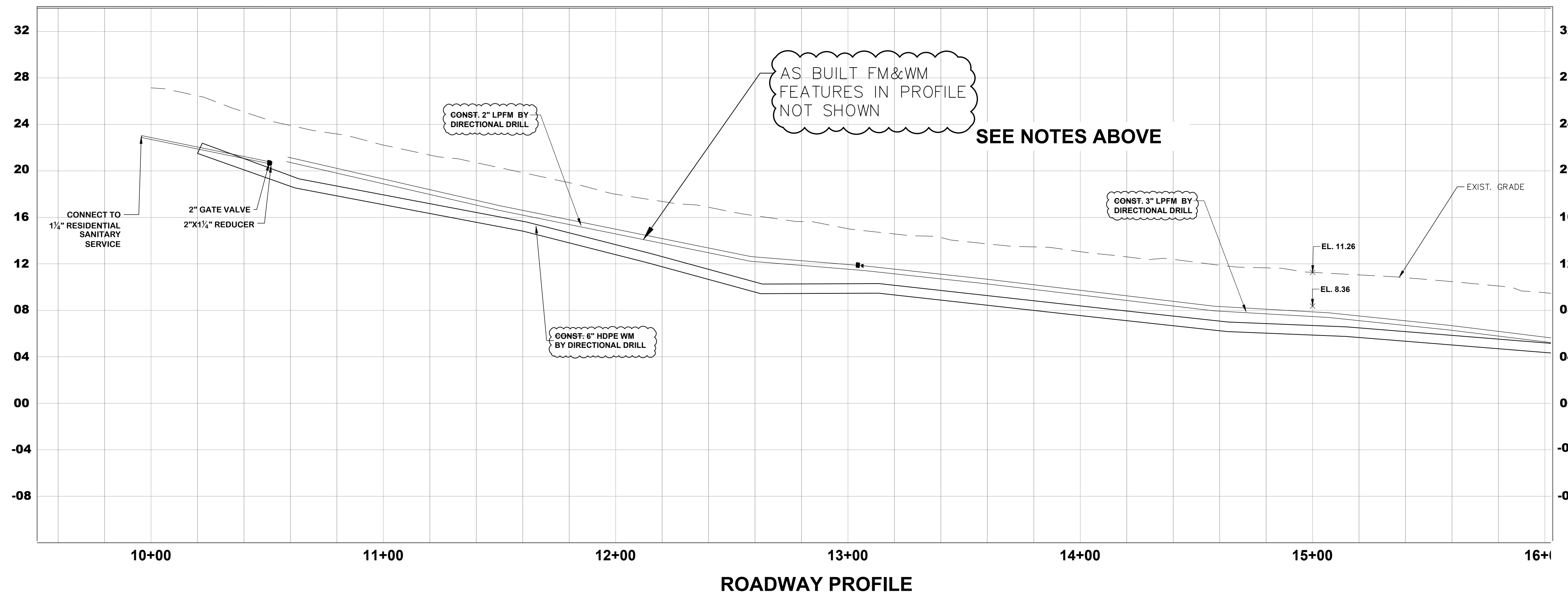
- [Symbol] = ROADWAY DRAINAGE SYSTEM (FUTURE)
- [Symbol] = YARD DRAINAGE SYSTEM (FUTURE)
- [Symbol] = 8" WM = CONST. WATER MAIN
- [Symbol] = 6" LPPM = CONST. LOW PRESSURE FORCE MAIN
- [Symbol] = WM = REPLACE WATER METER
- [Symbol] = SS = CONST. LP SAN. SINGLE SERVICE
- [Symbol] = SS = CONST. LP SAN. DBL. SERVICE
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- [Symbol] = [Symbol] = EXISTING MAILBOX
- [Symbol] = [Symbol] = EXISTING WATER METER
- [Symbol] = [Symbol] = EXISTING VALVE
- [Symbol] = [Symbol] = EXISTING FIRE HYDRANT
- [Symbol] = [Symbol] = EXISTING LIGHT
- [Symbol] = [Symbol] = EXISTING UTILITY POLE
- [Symbol] = [Symbol] = EXISTING WATER MAIN
- [Symbol] = [Symbol] = EXISTING BURIED TELEPHONE
- [Symbol] = [Symbol] = EXISTING OVERHEAD ELECTRIC
- [Symbol] = [Symbol] = EXISTING BURIED ELECTRIC
- [Symbol] = [Symbol] = EXISTING LANDSCAPE
- [Symbol] = [Symbol] = POT HOLE / CONFLICT



Know what's below.
Call before you dig.

PLAN VIEW

SEE SHEET U14A FOR WATERMAIN DETAIL



ROADWAY PROFILE

12-28-23 R

301 N.W. Flagler Ave.
Stuart, Florida 34994
Phone: (772) 692-4344
Fax: (772) 692-4341

Civil Engineering Professionals
Engineering Business
No. EB-0007657

DATE:	1-8-21
DRAWN BY:	MOB
DESIGNED BY:	HLT
CHECKED BY:	JWC
PROJECT NO.:	023.154.1
HORIZ. SCALE:	1" = 30'
VERT. SCALE:	1" = 3'
CADD FILE:	

NO.	DATE	BY	REVISIONS
2	12-28-23	JTC	AFC PLANS 12-28-23 R
1	#####	##	#####

SCALE VERIFICATION
1
SOLID BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING. ADJUST ALL SCALED DIMENSIONS ACCORDINGLY.

SOUTH SEWALLS POINT ROAD WATERMAIN (PHASE 3 AREA) & LPM (PHASE 3 & 4) IMPROVEMENTS
TOWN OF SEWALL'S POINT - FLORIDA
UTILITY PLAN & PROFILE (AS-BUILT FORCEMAIN)

Joseph W. Capra
301 N.W. Flagler Ave.
Stuart, Florida 34994
P.E. No. 37638

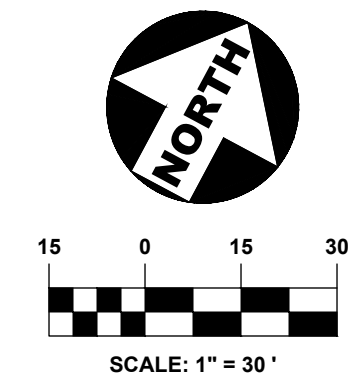
Printed Date:
JOB No.: **023.154.1**
SHEET
U14 OF **18**

P:\EL2011794-Jamie_Underground\sewallis point fm-wm\sewallis point fm-wm\SEWALLS POINT PHASE 3-4 UTILITY 1-29-24\DWG\AB 023.127.3 UTILITY DWG1 2-15-24 (2).dwg, 9/9/2024 2:35:59 PM, AutoCAD PDF (High Quality Print).pc3

SEE SHEETS U16 & U17 FOR UTILITY DETAILS & WATER MAIN CONNECTION DETAIL
SEE OVERALL UTILITY PLAN (SHEET U1) FOR UTILITY NOTES:

NOTE: ALL WATER SERVICES TO BE REPLACED PER MARTIN COUNTY UTILITY SPECIFICATIONS. WATER SERVICES TO BE DIRECTIONALLY DRILLED UNDER ROADWAY. SURVEY LOCATED WATER METERS ARE SHOWN ON PLANS; AREAS WHERE WATER METERS WERE NOT FOUND STILL ACCOUNTED FOR WITH PROPOSED WATER METER LOCATIONS. CONTRACTOR TO FIELD VERIFY ALL WATER METER LOCATIONS AND ENSURE ALL RESIDENCES REQUIRING SERVICE ADJUSTMENTS ARE RECONSTRUCTED.

- NOTE:
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 - NEW PROPOSED WATER MAIN SHALL BE CONSTRUCTED 12" BELOW EXISTING WATER MAIN.
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 - ALL FIRE HYDRANTS AND FLUSHING PORT SHALL BE CONSTRUCTED WITHIN EXISTING R / W.
 - SEE PROPOSED INSTALLATION PROFILE



B BETSY LINDSAY
A DIVISION OF HALEY WARD, INC.
7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
(772)286-5753 (772)286-5933 FAX
LICENSED BUSINESS NO. 6852
RECORD SURVEY
JOB NO. 2011794_21-23

301 N.W. Flagler Ave.
Stuart, Florida 34994
Phone: (772) 892-4344
Fax: (772) 892-4341

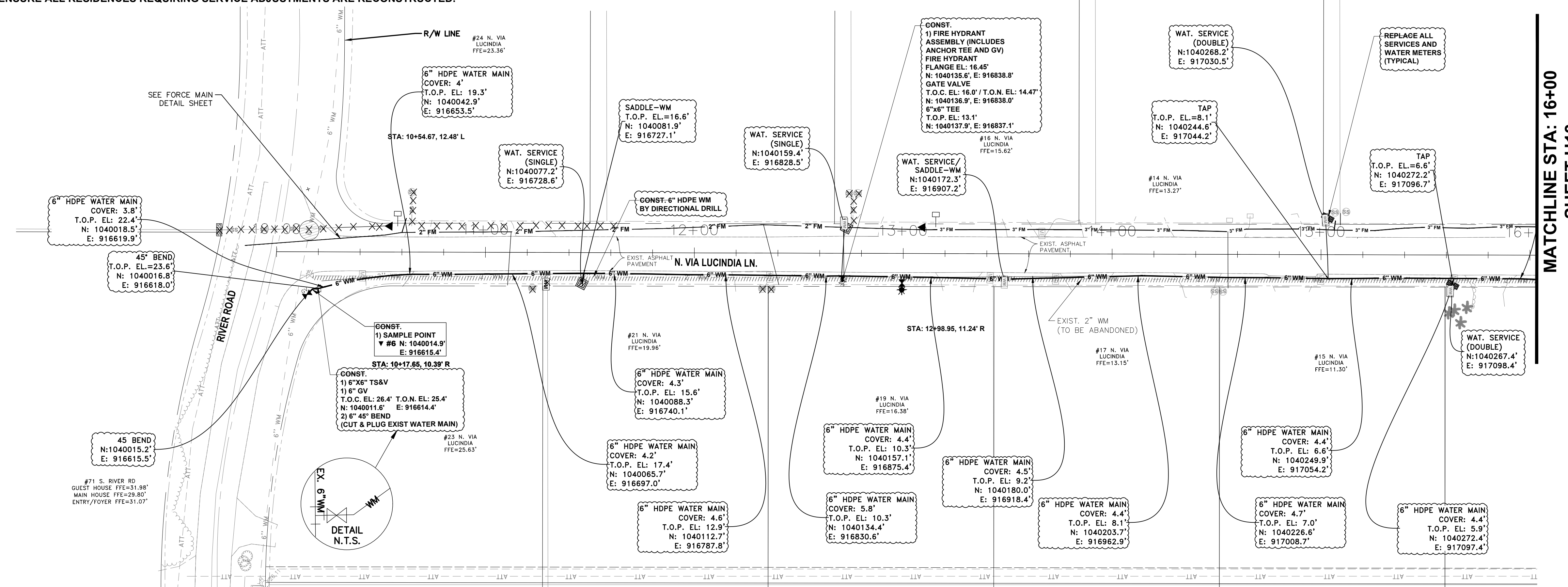
CAPTEC
Engineering, Inc.
Civil Engineering Professionals

Engineering Business
No. EB-0007657

ABBREVIATIONS

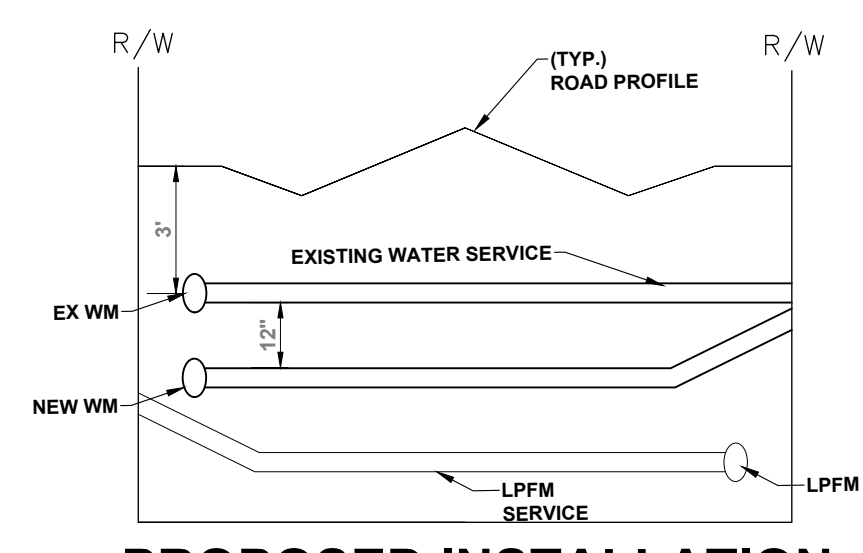
BL	BETSY LINDSAY, INC.
CNC.	CONCRETE
EL.	ELEVATION
FM	FORCE MAIN
GND.	GROUND ELEVATION
GV	GATE VALVE
HDPE	HIGH DENSITY POLYETHYLENE
INV.	INVERT
IRC	IRON ROD & CAP
MNW	MAG NAIL & WASHER
P.B.	PLAT BOOK
P.G.	PAGE
P.L.S.	PROFESSIONAL LAND SURVEYOR
P.S.M.	PROFESSIONAL SURVEYOR & MAPPER
PVC	POLY VINYL CHLORIDE
R/W	RIGHT OF WAY
SS	SANITARY SERVICE
SAN.	SANITARY
T.O.N.	TOP OF NUT
T.O.P.	TOP OF PIPE
WAT	WATER
WM	WATER MAIN
WS	WATER SERVICE

DATE:	1-8-21	
DRAWN BY:	MOB	
DESIGNED BY:	HJT	
CHECKED BY:	JWC	
PROJECT NO.:	023.154.1	
HORIZ. SCALE:	1" = 30'	
VERT. SCALE:	1" = 3'	
CADD FILE:		
REVISIONS		
NO.	DATE	BY
2	12-28-23	JTC
1	###	###
AFC PLANS 12-28-23 R		



PLAN VIEW

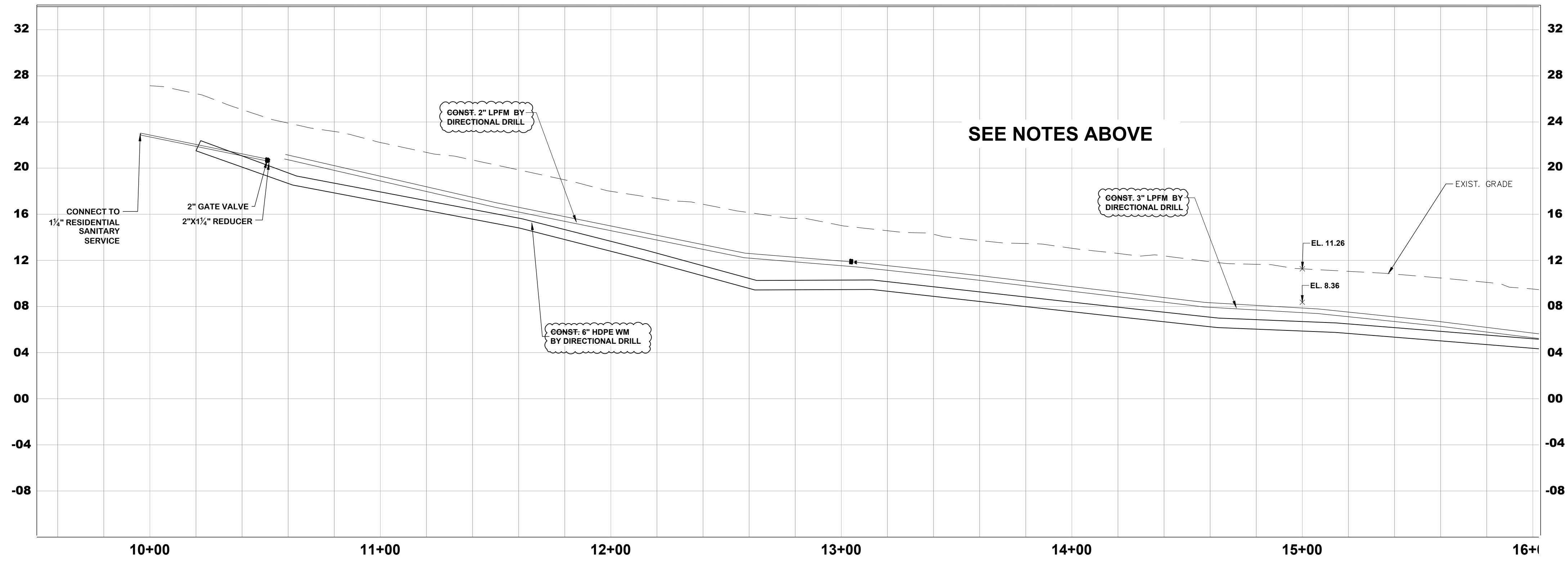
SEE SHEET U14 FOR FORCEMAIN DETAIL



PROPOSED INSTALLATION PROFILE
N.T.S.

LEGEND

[Symbol]	ROADWAY DRAINAGE SYSTEM (FUTURE)
[Symbol]	YARD DRAINAGE SYSTEM (FUTURE)
[Symbol]	8" WM
[Symbol]	6" LPFM
[Symbol]	REPLACE WATER METER
[Symbol]	CONST. LP SAN. SINGLE SERVICE
[Symbol]	CONST. LP SAN. DBL. SERVICE
[Symbol]	EXISTING WATER MAIN TO BE REMOVED OR ABANDONED
[Symbol]	EXISTING MAILBOX
[Symbol]	EXISTING WATER METER
[Symbol]	EXISTING VALVE
[Symbol]	EXISTING FIRE HYDRANT
[Symbol]	EXISTING LIGHT
[Symbol]	EXISTING UTILITY POLE
[Symbol]	EXISTING WATER MAIN
[Symbol]	EXISTING BURIED TELEPHONE
[Symbol]	EXISTING OVERHEAD ELECTRIC
[Symbol]	EXISTING BURIED ELECTRIC
[Symbol]	EXISTING LANDSCAPE
[Symbol]	POT HOLE / CONFLICT



ROADWAY PROFILE

SEE NOTES ABOVE

12-28-23 R

SCALE VERIFICATION

0	1
SOLID BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING. ADJUST ALL SCALED DIMENSIONS ACCORDINGLY.	

SOUTH SEWALLS POINT ROAD WATERMAIN (PHASE 3 AREA) & LPM (PHASE 3 & 4) IMPROVEMENTS
TOWN OF SEWALL'S POINT - FLORIDA
UTILITY PLAN & PROFILE (AS-BUILT WATERMAIN)

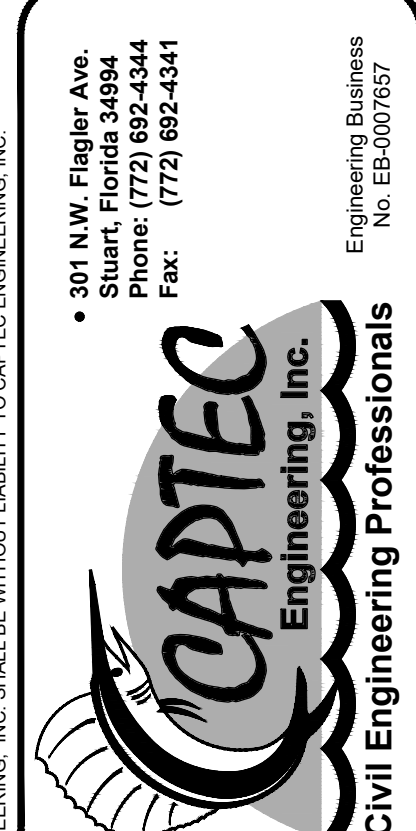
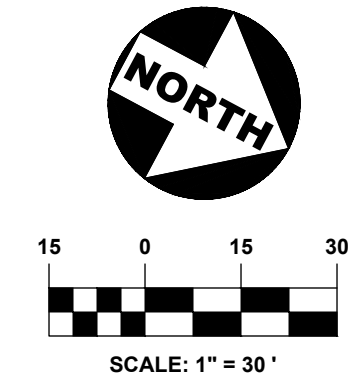
Joseph W. Capra
301 N.W. Flagler Ave.
Stuart, Florida 34994
P.E. No. 37638

Printed Date:
JOB No.: **023.154.1**
SHEET
U14A OF **18**

MATCHLINE SHEET U15A

B BETSY LINDSAY, INC.
A DIVISION OF HALEY WARD, INC.

7997 S.W. JACK JAMES DRIVE STUART, FLORIDA 34997
(772)286-5753 (772)286-5933 FAX
LICENSED BUSINESS NO. 6852
**RECORD SURVEY
IN-PROGRESS**
JOB NO. 21-23



DATE: 11-15-23
DRAWN BY: MOB
DESIGNED BY: HLT
CHECKED BY: JWC
PROJECT NO.: 023.154.1
JOB NO.: 21-23
JOB DATE: 12-28-23
JOB BY: JWC
JOB SCALE: 1" = 30'
JOB VERT. SCALE: N/A
JOB CADD FILE: #

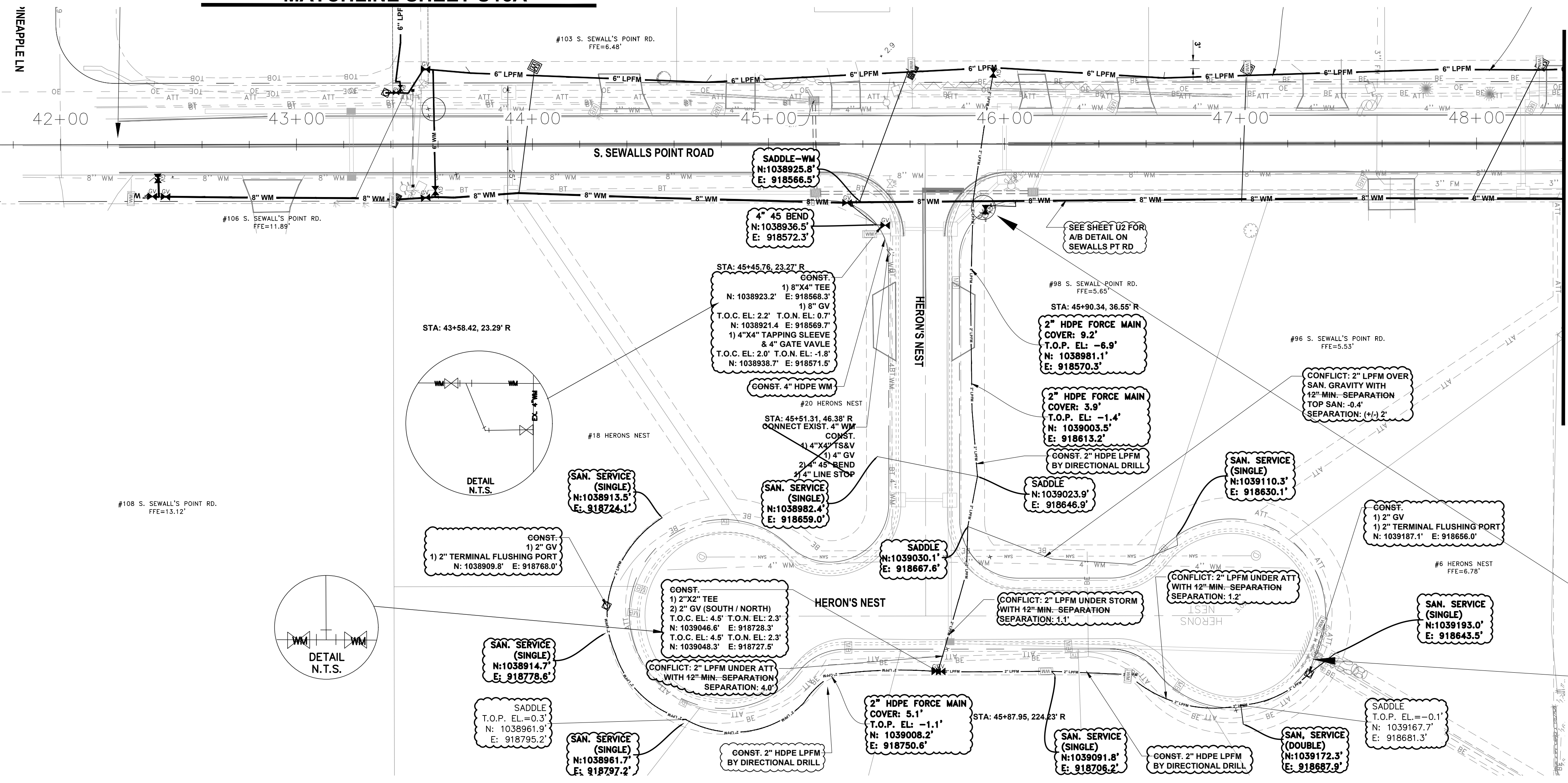
NO.	DATE	BY	REVISIONS
2	12-28-23	JWC	AFC PLANS 12-28-23 R
1	#####	###	#####

SCALE VERIFICATION
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SOUTH SEWALLS POINT ROAD WATERMAIN (PHASE 3 AREA) & LPM (PHASE 3 & 4) IMPROVEMENTS
TOWN OF SEWALL'S POINT - FLORIDA
UTILITY PLAN & PROFILE

Joseph W. Capra
301 N.W. Flagler Ave.
Stuart, Florida 34994
P.E. No. 37638

Printed Date:
JOB No.: **023.154.1**
SHEET U15 OF **18**



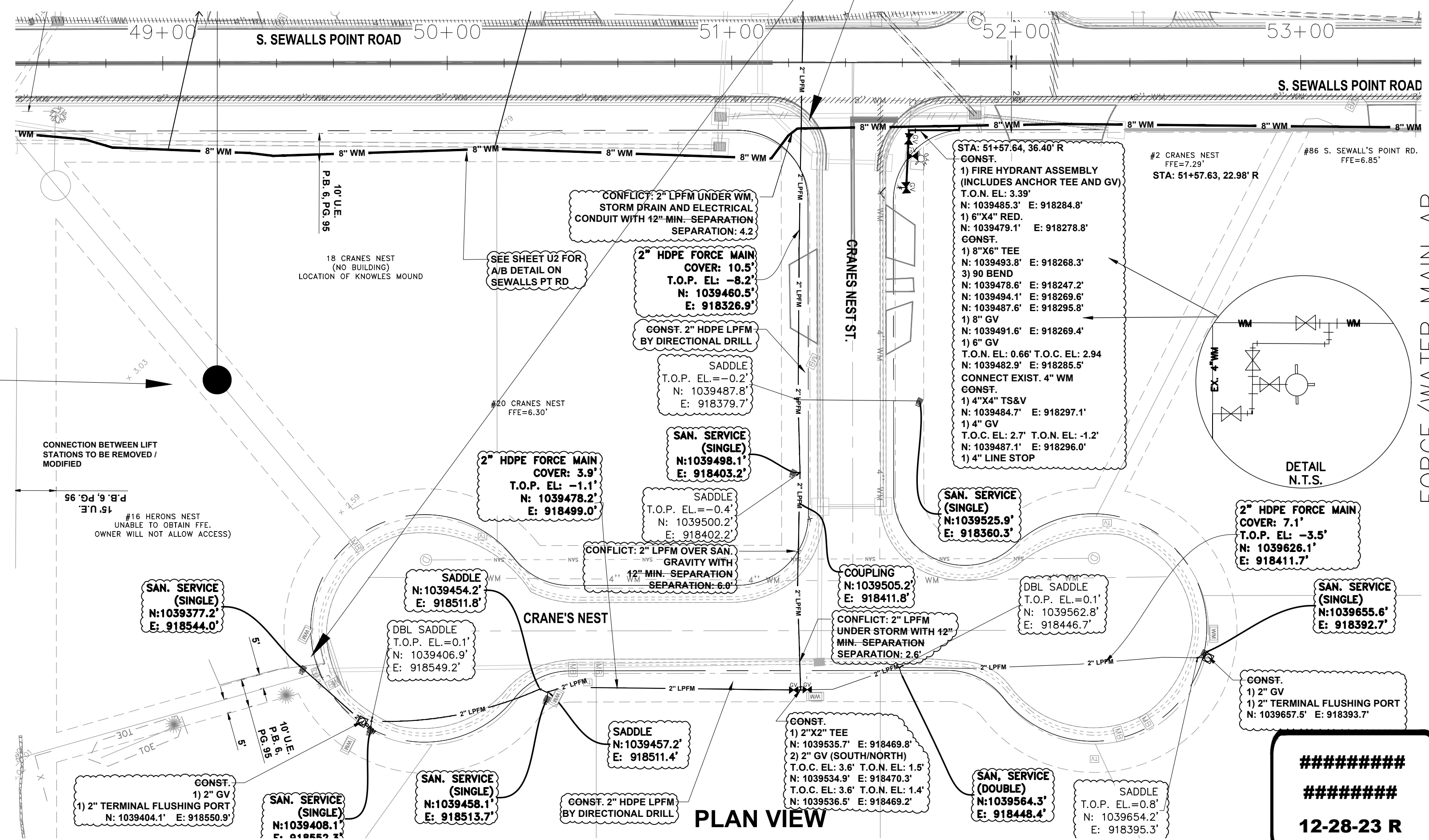
MATCHLINE STA: 50+00
SHEET U2

LEGEND

- ROADWAY DRAINAGE SYSTEM (FUTURE)
- YARD DRAINAGE SYSTEM (FUTURE)
- 8" WM = CONST. WATER MAIN
- 6" LPFM = CONST. LOW PRESSURE FORCE MAIN
- REPLACE WATER METER
- CONST. LP SAN. SINGLE SERVICE
- CONST. LP SAN. DBL. SERVICE
- EXISTING WATER MAIN TO BE REMOVED OR ABANDONED
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- EXISTING VALVE
- EXISTING FIRE HYDRANT
- EXISTING LIGHT
- EXISTING UTILITY POLE
- EXISTING WATER MAIN
- EXISTING BURIED TELEPHONE
- EXISTING OVERHEAD ELECTRIC
- EXISTING LANDSCAPE
- POTHOLE / CONFLICT

CONFLICT 2" LPFM UNDER WM / STM / ELECTRIC CONDUIT (12" MIN SEPARATION)
TOP OF CONDUIT: 1.2'
SEPARATION: VARIES (+1.0)

PLAN VIEW



PLAN VIEW

SEE SHEETS U16 & U17 FOR UTILITY DETAILS & WATER MAIN CONNECTION DETAIL
SEE OVERALL UTILITY PLAN (SHEET U1) FOR UTILITY NOTES:

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INDIAN MOUND
ALL GROUND DISTURBANCE WITHIN 150 FT OF MOUND MUST BE MONITORED BY ARCHEOLOGIST.
CONTACT INFORMATION LOCATED IN CONTRACT DOCUMENTS

12-28-23 R

P:\EL2011794-Jamie_Undergroundsewallspoint fm-wm\sewallspoint phase 3-4 UTILITY 1-29-24\DWG\03.127.3 UTILITY DWG1 2-15-24 (2).dwg, 9/9/2024 9:52:55 AM, AutoCAD PDF (High Quality Print).pc3