DOS2017-00103 Lee County ePlan

DEVELOPMENT ORDER AMENDMENT #1

FOR

****FINAL INSPECTION REQUIRED****
At the completion of the improvements, please submit a Letter of Substantial Compliance to schedule a Final Inspection.

Development Order Approval does not vest nor guarantee that changes will not be required, if subsequent changes are made to the Uniform Lee County Fire Code.

WILDBLUE

PHASE 1 RESIDENTIAL

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

PART OF SECTIONS 7,8,17,18,19,20, TOWNSHIP 46 SOUTH, RANGE 26 EAST
FORT MYERS, LEE COUNTY, FLORIDA

PROJECT DATA

SITE ADDRESS
13500 ALICO ROAD
FT. MYERS, FLORIDA 33913

PROJECT DATUM
STATE PLANE FLORIDA WEST ZONE NAD 1983 (NSRS2007)
NORTH AMERICAN VERTICAL DATUM (NAVD) 1988

ZONING
MPD (RESOLUTION Z-15-021)

RECORD PLAT
PLT2017-00019
INSTRUMENT NO.: 2017000216031

FLOOD ZONE
ACCORDING TO FIRM 12071C0625 EFFECTIVE DATE AUGUST 28, 2008, THE SUBJECT PARCEL IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA (PANEL NOT PRINTED)

STRAP NUMBERS
17-46-26-L1-070F1.0000
17-46-26-L1-070F1.0010

PERMIT REQUIREMENTS

AGENCY	STATUS	NOTES
S. FLORIDA WATER MANAGEMENT DISTRICT	APPROVED	36-05075-P
LEE COUNTY DEVELOPMENT ORDER	APPROVED	DOS2017-00103
FLORIDA DEPARTMENT OF HEALTH	PENDING	-
FLORIDA DEPT. OF ENVIRONMENTAL PROTECTION	PENDING	-
F.D.O.T. CONNECTION PERMIT	N/A	-
F.D.O.T. DRAINAGE CONNECTION PERMIT	N/A	-
F.D.O.T. UTILITY PERMIT	N/A	-
ARMY CORPS OF ENGINEERS	APPROVED	SAJ-2003-10995
F.D.E.P. NOTICE OF INTENT	PENDING	-

NOTE: CONTRACTOR MUST OBTAIN AND KEEP ON FILE A COPY OF ALL PERMITS REQUIRED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY

DESIGN TEAM

PROJECT ENGINEER
TIMOTHY B. GAVIN, P.E.

PROJECT MANAGEMENT
CHRIS VAN BUSKIRK

DESIGN ENGINEER
TIMOTHY B. GAVIN, P.E.

PROJECT SURVEYOR
SCOTT A. WHEELER, PSM

LEAD DESIGN TECHNICIAN
GUY W. SAPEN

SITE PLANNING
JENNIFER SAPEN, AICP

DESIGN STAFF
SCOTT A. WHEELER, JR.
WALLACE PEYTON GAUSE III
GUY W. SAPEN, JR.

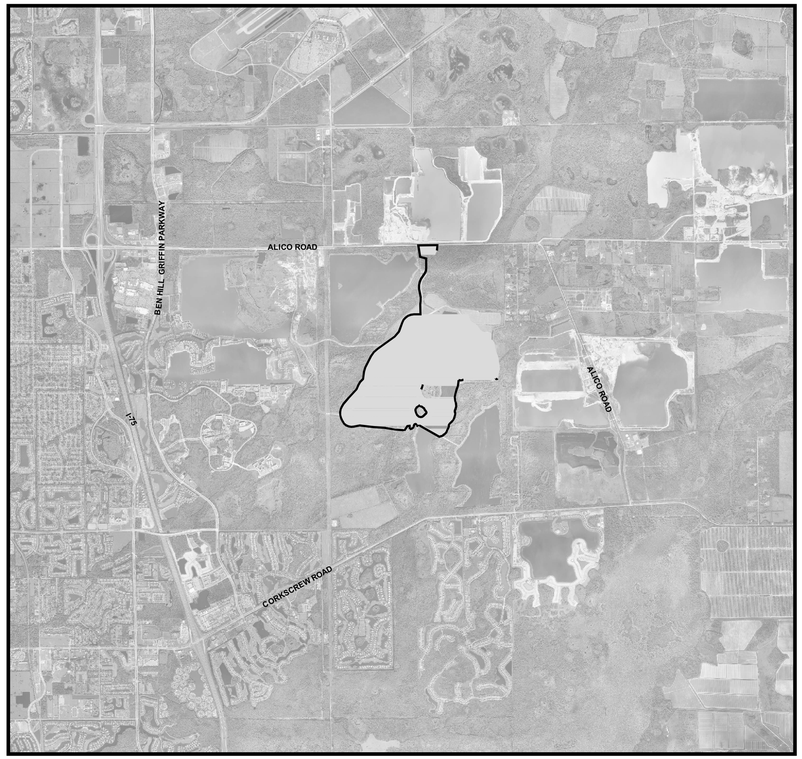
LAND PLANNING
JENNIFER SAPEN, AICP

QUALITY CONTROL
CHRIS VAN BUSKIRK

RECORD DRAWINGS

THESE PLANS MAY HAVE BEEN MODIFIED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

ALL DIMENSIONS ARE IN FEET.



PROJECT LOCATION

N
W E
S

LOCATION MAP
0 2000 4000 8000
SCALE IN FEET

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INDEX OF DRAWINGS

SHEET	DESCRIPTION	XREF	DRAWING NAME
1.0	COVER SHEET AND LOCATION MAP	B	23675A01.DWG
~~2.0~~	~~STANDARD NOTES, LEGEND, AND ABBREVIATIONS~~	~~A~~	~~23675A02.DWG~~
~~3.0~~	~~AERIAL PHOTOGRAPH AND EXISTING CONDITIONS PLAN~~	~~B,D~~	~~23675A06.DWG~~
4.0	MASTER SITE AND PHASING PLAN	A	23675A10.DWG
4.1	MODEL HOME PARKING PLAN	A	23675A10B.DWG
5.0	MASTER DRAINAGE PLAN	A	23675A11.DWG
6.0	MASTER UTILITY PLAN	A	23675A12.DWG
7.0-7.18	DETAILED PAVING, GRADING, AND DRAINAGE PLANS	A	23675A15.DWG
8.0-8.4	TYPICAL SECTIONS	-	23675A18.DWG
9.0	PLAN AND PROFILE KEY SHEET	A	23675A29.DWG
10.0-10.5	PLAN AND PROFILES - WILDBLUE BLVD. ENTRANCE ROAD (STA. 800)	A,C	23675A30A.DWG
11.0-11.15	PLAN AND PROFILES - WILDBLUE BLVD. (STA. 100-200)	A,C	23675A30B.DWG
12.0-12.6	PLAN AND PROFILES - BLUE EYE LOOP (STA. 200)	A,C	23675A30C.DWG
13.0-13.2	PLAN AND PROFILES - BLUE BREEZE DR. (STA. 300)	A,C	23675A30D.DWG
14.0	PLAN AND PROFILES - AMENITY ENTRANCE (700)	A,C	23675A30E.DWG
15.0	PLAN AND PROFILES - WILDBLUE BLVD. ROUNDABOUT (STA. 400)	A,C	23675A30F.DWG
16.0-16.2	PLAN AND PROFILES - LIFT STATIONS (7891, 7892, 7893)	A,C	23675A30G.DWG
17.0-17.1	CONTROL STRUCTURE DETAILS	-	23675A42.DWG
18.0-18.2	TYPICAL CONSTRUCTION DETAILS	-	23675A44.DWG
~~19.0~~	~~EROSION CONTROL DETAILS~~	~~-~~	~~23675A50.DWG~~
20.0	STORMWATER POLLUTION PREVENTION PLAN	A	23675A52.DWG
~~21.0-21.3~~	~~UTILITY DETAILS~~	~~-~~	~~23675A70.DWG~~
22.0-22.3	LIFT STATION 7891,7892, & 7893 DETAILS	-	23675A71.DWG
~~23.0-23.2~~	~~OFFSITE TURN LANES ALICO RD.~~	~~A~~	~~23675A90.DWG~~
~~24.0~~	~~DEWATERING PLANS~~	~~A~~	~~23675A93.DWG~~
25.0	DEEP LAKE MANAGEMENT PLANS	A	23675A94.DWG
26.0-26.10	STREET LIGHTING PLANS	A	23675A96.DWG

CROSS-REFERENCED DRAWINGS:

XREF	DESCRIPTION	DRAWING NAME
A	BASE LINEWORK PLAN	23675A00.DWG
B	AERIAL PHOTOGRAPH	IMAGE_1.JPG
C	PROFILE BASE PLAN	23675A00P.DWG
D	SURVEY	23372S00.DWG

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

Barraco and Associates, Inc.
CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING
www.barraco.net
2271 McGREGOR BLVD., SUITE 100
POST OFFICE DRAWER 2800
FORT MYERS, FLORIDA 33902-2800
PHONE (239) 461-3170
FAX (239) 461-3169
FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

PHONE (239) 278-1177
FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

Timothy B. Gavin, P.E.
70675
2019.05.20
10:33:45 -04'00'

This item has been electronically signed and sealed using a SHA-1 authentication code.

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FILE NAME	23675A01.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	FRI. 5-17-2019 - 1:26 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

MASTER = BAI-COVER-1.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES	1
02-02-19	L.C.U. COMMENTS DATED 02-01-19	2
02-06-19	D.O. COMMENTS DATED 02-04-19	3
05-16-19	D.O. COMMENTS DATED 05-16-19	4

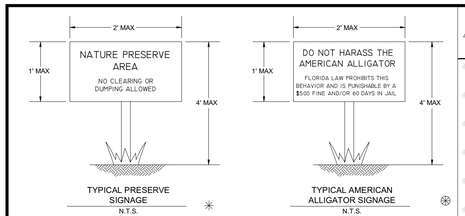
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

COVER SHEET AND LOCATION MAP

PROJECT / FILE NO.	SHEET NUMBER
23675	1.0

DOS2017-00103 Lee County ePlan



NOTE:
APPROXIMATE SIGN LOCATIONS SHOWN ON PLAN. SIGN PLACEMENT MAY VARY BASED ON FIELD CONDITIONS. SIGNS MUST BE PLACED IN ACCORDANCE WITH PARAMETERS SET FORTH IN THE PROTECTED SPECIES MANAGEMENT PLAN PREPARED BY PASSARELLA AND ASSOCIATES, INC.

LEGEND

- PROPOSED LAKE
- EXISTING LAKE
- CONSERVATION AREA
- PHASE LINE
- WCI MODEL HOME
- STOCK MODEL HOME

LAND USE CALCULATIONS: UPDATED 04-16-19 (1)

ITEM:	AREA
EX.WILDBLUE LAKE NORTH @ CONTROL	572.52 AC.
ROADWAY	
ROAD & CURB	15.47 AC.
SIDEWALK	2.77 AC.
BUILDINGS	52.50 AC.
PROPOSED LAKES @ CONTROL	45.67 AC.
OTHER	
OPEN SPACE	238.68 AC.
TOTAL SITE AREA:	927.61 AC.

*ALL ROAD R/W ARE DEDICATED AS D.E., P.U.E., & I.E. AS SHOWN ON SUBDIVISION PLAT

WILDBLUE PROPERTY BOUNDARY

PROJECT BOUNDARY

CONSERVATION AREA MITIGATION AREA I

FUTURE DEVELOPMENT

CONSERVATION AREA MITIGATION AREA CD

PHASE 1J

CONSERVATION AREA MITIGATION AREA I

FUTURE DEVELOPMENT

CONSERVATION AREA MITIGATION AREA J

VISTABLUE PH.2 DOS2018-00012

EX. BLUE LAKE 231.65 AC.

CONSERVATION AREA MITIGATION AREA GH

EX. WILDBLUE LAKE NORTH 572.52 AC.

CONSERVATION AREA MITIGATION AREA E

CONSERVATION AREA MITIGATION AREA J

PHASE 1J

PROJECT BOUNDARY

LAKE E-1 2.24 AC.

PHASE 1C

PHASE 1D

BLUE EYE LOOP (PRIVATELY OWNED & MAINTAINED)

BLUE BREEZE DR. (PRIVATELY OWNED & MAINTAINED)

EX. WILDBLUE LAKE SOUTH 88.42 AC.

LAKE A-2 4.19 AC.

PHASE 1H

LAKE A-1 3.06 AC.

ALICO ROAD

WILDBLUE BLVD. (PRIVATELY OWNED & MAINTAINED)

PHASE 1G

LIFT STATION #7893

PHASE 1F

PHASE 1B

PHASE 1A1

WILDLIFE CROSSING

LAKE B-1 13.19 AC.

RETAINING WALL (TYP.) (1)

ALLIGATOR SIGN (TYP.) (SEE DETAIL THIS SHEET)

PRESERVE SIGN (TYP.) (SEE DETAIL THIS SHEET)

CONSERVATION AREA MITIGATION AREA E

PROJECT BOUNDARY

BLUE EYE LOOP (PRIVATELY OWNED & MAINTAINED)

LAKE F-1 11.82 AC.

WILDBLUE PROPERTY BOUNDARY

LIFT STATION #7891

CONSERVATION AREA MITIGATION AREA AB

WILDBLUE BLVD. (PRIVATELY OWNED & MAINTAINED)

EX. LAKE CONTROL LINE

EX. LAKE

PHASE 1I

PHASE 1A

FUTURE DEVELOPMENT

WILDBLUE BLVD. (PRIVATELY OWNED & MAINTAINED)

PHASE 1E

PROJECT BOUNDARY

LAKE D-1 11.17 AC.

CONSERVATION AREA MITIGATION AREA F

LIFT STATION #7892

PROJECT BOUNDARY

235' F.P.L. EASEMENT

E
N
S
W

0 250 500 1000
SCALE IN FEET

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

WILDBLUE SOUTHWEST DOS2018-00007

PROPERTY DEVELOPMENT REGULATIONS
PER RESOLUTION Z-15-021

SINGLE FAMILY	
MINIMUM:	
LOT AREA	5,000 SF
LOT WIDTH	50'
LOT DEPTH	100'
FRONT SETBACK	15'
SIDE SETBACK	5'
REAR SETBACK	10'
REAR ACCESSORY SETBACK	0'
WATERBODY PRIMARY SETBACK	0'
WATERBODY ACCESSORY SETBACK	0'
MAXIMUM:	
BUILDING HEIGHT	35'
LOT COVERAGE	65%

* FOR LOT DIMENSIONS TABLE SEE SHEET 18.0 *

GENERAL NOTES

1. THE SITE CAN BE SAFELY USED FOR BUILDING PURPOSES WITHOUT UNDUE DANGER FROM FLOODS OR ADVERSE SOIL OR FOUNDATION CONDITIONS SUBJECT TO SUBSURFACE SOIL EXPLORATION AND DESIGN OF EACH STRUCTURE BY AN ARCHITECT OR GEOTECHNICAL ENGINEER.
2. THERE ARE NO NEGATIVE IMPACTS TO GROUND AND SURFACE WATERS, WETLANDS OR FLOOD PLAINS/RIVERINE AREAS ANTICIPATED DUE TO CONSTRUCTION OF THIS PROJECT.
3. A VEGETATION REMOVAL PERMIT IS REQUIRED PRIOR TO ANY SITE WORK. PROTECTIVE BARRICADES MUST BE CONSTRUCTED AND INSPECTED PRIOR TO PERMIT ISSUANCE.
4. A PERIMETER WALL OR FENCE MAY BE INSTALLED AT THE OPTION OF THE DEVELOPER. ALL REQUIRED LANDSCAPING MUST BE ON THE SIDE OF THE WALL / FENCE ADJACENT TO THE PROJECT BOUNDARY.
5. PROPOSED BUILDING FOOTPRINTS, PATIOS AND ACCESSORY STRUCTURES MAY BE MODIFIED WITHIN THE ALLOWABLE SETBACKS.
6. REFUSE AND SOLID WASTE DISPOSAL FOR RESIDENTIAL UNITS SHALL BE BY CURBSIDE PICK UP AND SHALL BE BEAR PROOF. TRASH RECEPTACLES MUST BE BEAR PROOF. TRASH RECEPTACLES FOR RESIDENTIAL UNITS MAY NOT EXCEED 40 GALLONS IN SIZE AND MUST HAVE TWO HANDLES AND A TIGHT FITTING LID IN ACCORDANCE WITH COUNTY SOLID WASTE ORDINANCES.
7. SIDEWALKS WITHIN EACH LOT SHALL BE CONSTRUCTED AT THE TIME OF HOME CONSTRUCTION. COMMON AREA SIDEWALKS SHALL BE CONSTRUCTED WITHIN EACH PHASE AS DEVELOPED.
8. VEHICULAR ENTRY GATES SHALL INCLUDE EVAC SYSTEM FOR FIRE DEPARTMENT ACCESS.
9. AS EVIDENCE BY THE ZONING APPROVAL BY THE LEE COUNTY BOARD OF COMMISSIONERS, THIS PROJECT IS CONSISTENT WITH THE LEE PLAN.
10. THE QUANTITY AND LOCATION OF OPTIONAL PAVER BRICKS UTILIZED FOR ROADWAY AND SIDEWALK SURFACES MAY VARY. SEE TYPICAL SECTIONS AND DETAIL SHEETS.
11. OPEN SPACE REQUIREMENT OF 1,329 AC. IS SATISFIED BY THE CONSERVATION EASEMENTS.
12. THE CONTRACTOR MUST RETAIN DEWATERING EFFLUENT ON SITE. DISCHARGE OF DEWATERING EFFLUENT INTO EXISTING LAKES OR CONSERVATION AREAS IS PROHIBITED.
13. ALL ROAD R/W ARE DEDICATED AS D.E., P.U.E., & I.E. AS SHOWN ON SUBDIVISION PLAT.
14. REFER TO DOS2017-00003 FOR ALL SPECIES WORK, MANAGEMENT PLANS, COEXISTENCE PLANS, AND RESTORATION REQUIRED PER Z-15-021 IN CONJUNCTION WITH THIS DEVELOPMENT ORDER.

DEVELOPMENT ORDER AMENDMENT # 1 CHANGES:

(1)

- PROJECT PHASING PLAN
- REMOVAL OF RIGHT OF WAY AND P.U.E. FOR TEMPORARY SLIP ROAD.
- ADDITION OF TEMPORARY FORCEMAIN
- IRRIGATION PUMP STATION LOCATIONS AND IRRIGATION MAIN SIZES
- PROPOSED RETAINING WALL ALONG EXISTING LAKE, ASSOCIATED YARD GRADING, AND SECTIONS
- CHANGES ON DRAINAGE STRUCTURE DF-38 INVERT AND LOCATION, CS-F-3 INVERT AND ADDITION OF DF-38A JUNCTION BOX
- PROPOSED FENCE LOCATION ALONG PRESERVE
- TEMPORARY OUTFALL SWALE FOR CS-FSN, INVERT CHANGE FOR CS-F-3 AND WEIR WALL CONTROL STRUCTURE LOCATIONS
- LIGHT POLE LOCATIONS
- AMENITY ENTRANCE LOCATION AND ASSOCIATED UTILITIES AND DRAINAGE
- UNMANNED GATE ON BLUE EYE LOOP
- BOX CULVERT WING WALLS
- ROUND-A-BOUT DESIGN
- SIDEWALK, PARKING LOT AND FENCE AT MODEL HOMES
- LAKE F-1 NO LONGER INCLUDED IN DEEP LAKE PLAN

DENSITY / INTENSITY TRACKING TABLE
PER RESOLUTION Z-15-021

DWELLING UNITS	
ALLOWED	1,096
DEVELOPMENT ORDER: APPROVED PH. 1 D.O. AMENDMENT: APPLICATION ADDITIONAL PER AMENDMENT DOS2017-00069 (BLUE LAKE PH.1)	18
	4
DEVELOPMENT ORDER: THIS APPLICATION DOS2017-00103 (WILDBLUE PH.1)	272
DEVELOPMENT ORDER: APPROVED DOS2018-00007 (WILDBLUE S.W. PULTE)	256
DEVELOPMENT ORDER: APPROVED DOS2018- 00012 (VISTABLUE PH. 2)	130
REMAINING	416

OVERALL WILDBLUE PROPERTY NOTES

APPROVED ZONING RESOLUTION #Z-15-021.

TOTAL AREA:	2,960 AC.	INDIGENOUS CREDIT 135 AC. X 1.5:	202.5 AC.
OPEN SPACE REQUIRED (60%):	1,243 AC.	INDIGENOUS PROVIDED:	603 AC.
OPEN SPACE PROVIDED (64%):	1,329 AC.	EXISTING LAKE AREA:	887 AC.
INDIGENOUS PRESERVE:	536 AC.	WATER MANAGEMENT LAKE AREA:	130 AC.

PROJECT PHASING PLAN: (1)

THE PROJECT INFRASTRUCTURE SHALL BE CONSTRUCTED IN PHASES AS INDICATED BELOW. SEE CONSTRUCTION PLANS FOR ADDITIONAL PHASING NOTES. AFTER COMPLETION OF PHASE 1A1, PHASES MAY BE CONSTRUCTED IN ANY ORDER IF CONTIGUOUS TO ANOTHER COMPLETED PHASE.

THE FOLLOWING SPECIFIC NOTES APPLY TO THE INDICATED PHASES:

PHASE 1A1: SITE CLEARING AND GRUBBING, INSTALLATION OF EROSION CONTROL DEVICE. LAKE EXCAVATION, DRAINAGE OUTFALL, ROUGH FILL, LITTORAL PLANTINGS, WILDBLUE BLVD. FROM PHASE 1E LINE TO ROUND-A-BOUT (INCLUDING MODEL HOMES ON LOTS 220-229) AND BLUE EYE LOOP, LOTS 230-237, ALL ASSOCIATED RETAINING WALL, DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND FENCE.LIFT STATION NUMBER 7893. CONSTRUCTION OF TEMPORARY MODEL HOME ROAD FOR DOS2018-00007.

PHASE 1A: LAKE EXCAVATION, DRAINAGE OUTFALL, ROUGH FILL, LITTORAL PLANTINGS, LOTS 1-21 & LOTS 206-219 INCLUDING ALL ASSOCIATED RETAINING WALL, DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND FENCE. LANDSCAPING WITHIN COMMON AREAS CAN BE SUB-PHASES IN THIS PHASE.

PHASE 1B: LOTS 238-248 INCLUDING ALL ASSOCIATED DRAINAGE RETAINING WALL, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, AND CODE MINIMUM LANDSCAPING; LANDSCAPING WITHIN COMMON AREAS CAN BE SUB-PHASES IN THIS PHASE. LITTORAL PLANTINGS.

PHASE 1C: LOTS 249-272 INCLUDING ALL ASSOCIATED RETAINING WALL, DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, LITTORAL PLANTINGS AND CODE MINIMUM LANDSCAPING. LANDSCAPING WITHIN COMMON AREAS CAN BE SUB-PHASES IN THIS PHASE.

PHASE 1D: BLUE BREEZE DRIVE, INCLUDING ALL ASSOCIATED DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND LITTORAL PLANTINGS. SLOPE RIP RAP.

PHASE 1E: LAKE EXCAVATION, ROUGH FILL, LITTORAL PLANTINGS, DRAINAGE OUTFALL. LOTS 22-66 & LOTS 159-205 AND LIFT STATION NUMBER 7892 INCLUDING ALL ASSOCIATED RETAINING WALL DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND FENCE. LANDSCAPING WITHIN COMMON AREAS CAN BE SUB-PHASES IN THIS PHASE.

PHASE 1F: SITE CLEARING AND GRUBBING, LAKE EXCAVATION, ROUGH FILL, DRAINAGE OUTFALL, LITTORAL PLANTINGS, BUFFERS AND ALL EROSION CONTROL MEASURES, LIFT STATION NUMBER 7891, INCLUDING ALL ASSOCIATED DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND FENCE, RETAINING WALL. LOTS 67-158, LANDSCAPING WITHIN COMMON AREAS CAN BE SUB-PHASES IN THIS PHASE.

PHASE 1G: SITE CLEARING AND GRUBBING, LAKE EXCAVATION, ROUGH FILL, OFF-SITE TURN LANES, DRAINAGE AND UTILITY CONNECTIONS, ENTRANCE ROAD FROM ALICO ROAD TO ROUND-A-BOUT, WILDLIFE CROSSING AND SLOUGH CULVERTS. INCLUDING ALL ASSOCIATED, DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND FENCE.

PHASE 1H: ENTRY AND EXIT GATES.

PHASE 1I: FUTURE DEVELOPMENT TRACT, CLEARING, GRUBBING AND BULK FILLING.

PHASE 1J: FUTURE DEVELOPMENT TRACT, CLEARING, GRUBBING AND BULK FILLING. TEMPORARY OUTFALL SWALE

PHASE 1K: TEMPORARY DECORATIVE FENCE FOR MODEL HOME AREA.

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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

PHONE (239) 278-1177
FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A10.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	FRI. 5-17-2019 - 1:37 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

MASTER SITE AND PHASING PLAN

PROJECT / FILE NO.	SHEET NUMBER
23675	4.0

DOS2017-00103 Lee County ePlan

N
W E
S
0 20 40 80
SCALE IN FEET

EX. WILDBLUE
LAKE NORTH
C.E. = 19.80'

PARKING CALCULATIONS:

15 UNITS @ 2 SPACES PER UNIT

REQUIRED
15 x 2 = 30 SPACES

PROVIDED
31 TOTAL PAVED SPACES

TEMPORARY MODEL HOME PARKING LOT
RETAINING WALL (TYP.)
LITTORAL AREA
EXISTING LAKE CONTROL LINE (TYP.)
PROPOSE LAKE CONTROL LINE (TYP.)
IRRIGATION PUMP STATION
BLUE EYE LOOP
BLUE BREEZE DRIVE
WHEEL STOP (TYP.)
24" RCP
15' D.E.
42" RCP
30" RCP
(2) HANDICAP PARKING SIGN
TEMPORARY DECORATIVE FENCE
CROSSWALK WARNING SIGN (W11-2)(W16-7pL)
CROSSWALK WARNING SIGN (W11-2)(W16-9P)
TEMPORARY MODEL PATHWAY (TO BE REMOVED UPON COMPLETION OF MODEL HOME SALES)
10' P.U.E.
47' R/W
5' SIDEWALK (TYP.)
2' DETECTABLE WARNING (TYP.)
HIGH VISIBILITY CROSSWALK
R1-1 WITH 24" WHITE STOP BAR (TYP.)
WILDBLUE BLVD.
15' D.E.
PROPOSE LAKE CONTROL LINE (TYP.)
20'
LAKE F-1
C.E. = 19.50'

102' STOCK - MODEL 229
102' STOCK - MODEL 228
102' STOCK - MODEL 227
85' STOCK - MODEL 220
85' STOCK - MODEL 221
85' STOCK - MODEL 222
75' WCI - MODEL 224
75' WCI - MODEL 225
75' WCI - MODEL 226
85' STOCK - MODEL 8
85' STOCK - MODEL 7
85' STOCK - MODEL 6
85' STOCK - MODEL 5
85' STOCK - MODEL 4
75' WCI - MODEL 3
75' WCI - MODEL 2
75' WCI - MODEL 1

DF-20 DF-21 DF-22 DF-23 DF-24 DF-25 DF-26 DF-27 DF-28 DF-38 DF-38A DF-49 CS-F-3

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

DOS2018-00007
DOS2018-00007
EXISTING

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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A10B.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:43 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

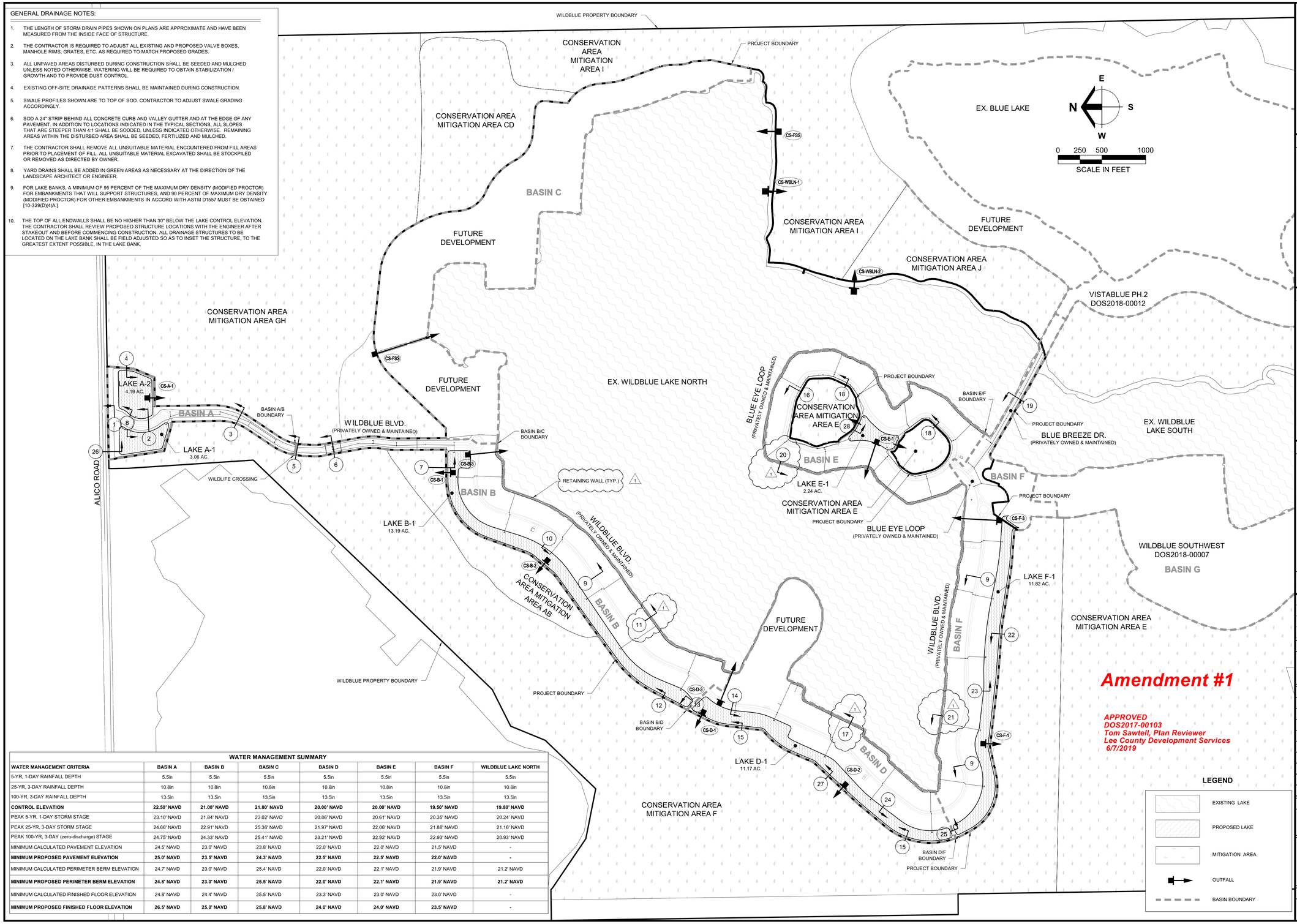
MODEL HOME PARKING PLAN

PROJECT / FILE NO.	SHEET NUMBER
23675	4.1

DOS2017-00103 Lee County ePlan

GENERAL DRAINAGE NOTES:

1. THE LENGTH OF STORM DRAIN PIPES SHOWN ON PLANS ARE APPROXIMATE AND HAVE BEEN MEASURED FROM THE INSIDE FACE OF STRUCTURE.
2. THE CONTRACTOR IS REQUIRED TO ADJUST ALL EXISTING AND PROPOSED VALVE BOXES, MANHOLE RIMS, GRATES, ETC. AS REQUIRED TO MATCH PROPOSED GRADES.
3. ALL UNPAVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE SEEDED AND MULCHED UNLESS NOTED OTHERWISE. WATERING WILL BE REQUIRED TO OBTAIN STABILIZATION / GROWTH AND TO PROVIDE DUST CONTROL.
4. EXISTING OFF-SITE DRAINAGE PATTERNS SHALL BE MAINTAINED DURING CONSTRUCTION.
5. SWALE PROFILES SHOWN ARE TO TOP OF SOD. CONTRACTOR TO ADJUST SWALE GRADING ACCORDINGLY.
6. SOD A 24" STRIP BEHIND ALL CONCRETE CURB AND VALLEY GUTTER AND AT THE EDGE OF ANY PAVEMENT, IN ADDITION TO LOCATIONS INDICATED IN THE TYPICAL SECTIONS, ALL SLOPES THAT ARE STEEPER THAN 4:1 SHALL BE SODDED, UNLESS INDICATED OTHERWISE. REMAINING AREAS WITHIN THE DISTURBED AREA SHALL BE SEEDED, FERTILIZED AND MULCHED.
7. THE CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL ENCOUNTERED FROM FILL AREAS PRIOR TO PLACEMENT OF FILL. ALL UNSUITABLE MATERIAL EXCAVATED SHALL BE STOCKPILED OR REMOVED AS DIRECTED BY OWNER.
8. YARD DRAINS SHALL BE ADDED IN GREEN AREAS AS NECESSARY AT THE DIRECTION OF THE LANDSCAPE ARCHITECT OR ENGINEER.
9. FOR LAKE BANKS, A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY (MODIFIED PROCTOR) FOR EMBANKMENTS THAT WILL SUPPORT STRUCTURES, AND 90 PERCENT OF MAXIMUM DRY DENSITY (MODIFIED PROCTOR) FOR OTHER EMBANKMENTS IN ACCORD WITH ASTM D1557 MUST BE OBTAINED [10-329(D)(4)A.]
10. THE TOP OF ALL ENDWALLS SHALL BE NO HIGHER THAN 30" BELOW THE LAKE CONTROL ELEVATION. THE CONTRACTOR SHALL REVIEW PROPOSED STRUCTURE LOCATIONS WITH THE ENGINEER AFTER STAKEOUT AND BEFORE COMMENCING CONSTRUCTION. ALL DRAINAGE STRUCTURES TO BE LOCATED ON THE LAKE BANK SHALL BE FIELD ADJUSTED SO AS TO INSET THE STRUCTURE, TO THE GREATEST EXTENT POSSIBLE, IN THE LAKE BANK.



WATER MANAGEMENT SUMMARY

WATER MANAGEMENT CRITERIA	BASIN A	BASIN B	BASIN C	BASIN D	BASIN E	BASIN F	WILDBLUE LAKE NORTH
5-YR, 1-DAY RAINFALL DEPTH	5.5in	5.5in	5.5in	5.5in	5.5in	5.5in	5.5in
25-YR, 3-DAY RAINFALL DEPTH	10.8in	10.8in	10.8in	10.8in	10.8in	10.8in	10.8in
100-YR, 3-DAY RAINFALL DEPTH	13.5in	13.5in	13.5in	13.5in	13.5in	13.5in	13.5in
CONTROL ELEVATION	**22.50' NAVD**	**21.00' NAVD**	**21.80' NAVD**	**20.00' NAVD**	**20.00' NAVD**	**19.50' NAVD**	**19.80' NAVD**
PEAK 5-YR, 1-DAY STORM STAGE	23.10' NAVD	21.84' NAVD	23.02' NAVD	20.86' NAVD	20.61' NAVD	20.35' NAVD	20.24' NAVD
PEAK 25-YR, 3-DAY STORM STAGE	24.66' NAVD	22.91' NAVD	25.36' NAVD	21.97' NAVD	22.06' NAVD	21.88' NAVD	21.16' NAVD
PEAK 100-YR, 3-DAY (zero-discharge) STAGE	24.75' NAVD	24.33' NAVD	25.41' NAVD	23.21' NAVD	22.92' NAVD	22.93' NAVD	20.93' NAVD
MINIMUM CALCULATED PAVEMENT ELEVATION	24.5' NAVD	23.0' NAVD	23.8' NAVD	22.0' NAVD	22.0' NAVD	21.5' NAVD	-
MINIMUM PROPOSED PAVEMENT ELEVATION	**25.0' NAVD**	**23.5' NAVD**	**24.3' NAVD**	**22.5' NAVD**	**22.5' NAVD**	**22.0' NAVD**	**-**
MINIMUM CALCULATED PERIMETER BERM ELEVATION	24.7' NAVD	23.0' NAVD	25.4' NAVD	22.0' NAVD	22.1' NAVD	21.9' NAVD	21.2' NAVD
MINIMUM PROPOSED PERIMETER BERM ELEVATION	**24.8' NAVD**	**23.0' NAVD**	**25.5' NAVD**	**22.0' NAVD**	**22.1' NAVD**	**21.9' NAVD**	**21.2' NAVD**
MINIMUM CALCULATED FINISHED FLOOR ELEVATION	24.8' NAVD	24.4' NAVD	25.5' NAVD	23.3' NAVD	23.0' NAVD	23.0' NAVD	-
MINIMUM PROPOSED FINISHED FLOOR ELEVATION	**26.5' NAVD**	**25.0' NAVD**	**25.8' NAVD**	**24.0' NAVD**	**24.0' NAVD**	**23.5' NAVD**	**-**

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

LEGEND

- EXISTING LAKE
- PROPOSED LAKE
- MITIGATION AREA
- OUTFALL
- BASIN BOUNDARY

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PLAN REVISIONS

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PLAN STATUS

D.O. AMENDMENT #1
05-16-19

MASTER DRAINAGE PLAN

PROJECT / FILE NO.	SHEET NUMBER
23675	5.0

DOS2017-00103 Lee County ePlan

GENERAL UTILITY NOTES:

1. ALL WORK SHALL CONFORM TO LATEST REVISION OF THE LEE COUNTY UTILITIES DESIGN MANUAL WHICH IS ON FILE AT THE DIVISION OF LEE COUNTY UTILITIES OFFICE (1500 MONROE STREET, P.O. BOX 398, FORT MYERS, FLORIDA 33902).
2. CONTRACTOR TO VERIFY SIZE AND LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
3. LOCATIONS OF PROPOSED UTILITY LINES ARE SUBJECT TO MODIFICATION TO PRESERVE EXISTING VEGETATION AS DETERMINED BY ENGINEER.
4. EXERCISE CARE TO PROTECT THE ROOTS OF TREES TO REMAIN. WITHIN THE BRANCH SPREAD OF SUCH TREES, PERFORM ALL TRENCHING BY HAND. OPEN THE TRENCH ONLY WHEN UTILITIES CAN BE INSTALLED IMMEDIATELY. PRUNE INJURED ROOTS CLEANLY AND BACKFILL AS SOON AS POSSIBLE.
5. CONTRACTOR SHALL NOTIFY ALL UTILITY PROVIDERS AT LEAST 48 HOURS PRIOR TO THE START OF UNDERGROUND CONSTRUCTION. THE CONTRACTOR SHALL DETERMINE IF UTILITIES OTHER THAN THOSE SHOWN ON THESE PLANS EXIST.
6. ALL UNDERGROUND UTILITIES LOCATED BENEATH THE STABILIZED PORTION OF THE ROAD BED SHALL BE INSTALLED PRIOR TO COMPACTION OF THE SUBGRADE.
7. CONTRACTOR TO PROVIDE COORDINATION AND INSTALL CONDUITS FOR LOCATION AND PREPARATION OF UTILITY RECORD DRAWINGS FOR OWNER PRIOR TO FINAL PAYMENT REQUEST.
8. NO TREES OR SHRUBS SHALL BE PLACED SO AS TO BLOCK ACCESS OR LINE OF SIGHT TO FIRE HYDRANTS PLACED WITHIN LANDSCAPE ISLANDS THROUGHOUT THE PROJECT SITE.
9. PROPOSED FITTINGS ON PRESSURIZED MAINS ARE PLACED AS SHOWN AT BENDS. ADDITIONAL BENDS MAY BE REQUIRED TO BEND MAINS AS SHOWN. IF ANY ADDITIONAL BENDS ARE INSTALLED, CONTRACTOR TO INSTALL CONDUITS FOR LOCATION ON RECORD DRAWINGS.
10. CONTRACTOR TO COORDINATE WITH ELECTRIC, TELEPHONE AND CABLE COMPANIES TO ASSURE THAT NO SANITARY SEWER OR WATERLINE SERVICES ARE INSTALLED UNDER PROPOSED TRANSFORMERS.
11. ALL WATER SERVICES ARE TO BE 1" UNLESS NOTED OTHERWISE.
12. A MINIMUM OF 10 FEET HORIZONTAL SEPARATION IS REQUIRED BETWEEN OTHER PUBLIC AND / OR PRIVATE UTILITIES, STRUCTURES, BUILDINGS, WALLS, FOUNTAINS, FENCES AND LCU INFRASTRUCTURE UNLESS SPECIFICALLY APPROVED BY LCU.
13. TV, CABLE AND PHONE LINES MAY CROSS LCU FACILITIES WITH A MINIMUM OF 18 INCHES OF VERTICAL CLEARANCE.
14. GAS MAINS AND ELECTRIC POWER CABLES SHALL CROSS LCU FACILITIES WITH A MINIMUM OF 18 INCHES OF VERTICAL CLEARANCE.
15. CONTRACTOR TO PROVIDE 5' OF HORIZONTAL SEPARATION BETWEEN ALL PORTIONS OF THE PROPOSED WATERMAIN AND WATERMAIN BENDS, TO ALL MITERED ENDS, RCP, CATCH BASINS, AND THE BACK OF THE CURB.
16. ALL IRRIGATION SERVICE LINES UNDER ROADWAY SHALL BE PLACED IN A 4" SCHEDULE 40 PVC CASING.

SANITARY SEWER NOTES:

1. ALL GRAVITY SEWER LINES SHALL BE PVC (SDR-26), GREEN IN COLOR, UNLESS NOTED OTHERWISE WITH A MINIMUM COVER OF 48".
2. ALL SEWER PIPE LENGTHS ARE APPROXIMATE AND ARE MEASURED FROM THE CENTER OF STRUCTURE.
3. MANHOLE TOP ELEVATIONS ARE APPROXIMATE AND SHOULD BE ADJUSTED TO FINAL GRADE OR PAVEMENT ELEVATION.
4. ALL SANITARY SEWER SERVICE INVERTS TO BE PLACED A MINIMUM OF 30" BELOW BACK OF CURB (MIN. 1% SLOPE FROM MAIN) TYPICAL UNLESS IN CONFLICT WITH WATERLINE. MAINTAIN MINIMUM 6" CLEARANCE UNDER POTABLE WATERLINE.
5. ALL SANITARY SEWER FORCE MAINS 4" TO 12" SHALL BE PVC C-900, DR-18 CLASS 150 MINIMUM UNLESS NOTED OTHERWISE, WITH A MINIMUM COVER OF 30". ALL SANITARY SEWER FORCE MAINS 4" TO 12", UNDER PAVEMENT, SHALL BE PVC DR-14 WITH A MINIMUM COVER OF 36".
7. DEFLECTION TESTING IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS FOR GRAVITY SEWER MAY NOT BE UNDERTAKEN UNTIL 30 DAYS AFTER FINAL BACK FILLING OF THE TRENCH IS COMPLETE.
8. NO GRAVITY SEWER DEFLECTION MAY EXCEED THE MAXIMUM PROVIDED IN THE TECHNICAL SPECIFICATIONS OR 5%, WHICH EVER IS LESS.
9. ALL GRAVITY SEWER MAINS SHALL BE TESTED WITH A MANDREL WITH A DIAMETER OF NOT LESS THAN 95% OF THE INSIDE PIPE DIAMETER. MANDREL TESTS MUST BE PERFORMED WITHOUT USE OF MECHANICAL DEVICES.

PIPE LENGTHS: UPDATED 03-11-19 (1)

WATERMAIN	LENGTH
24" STEEL CASING	79 L.F.
12" DR-18 PVC CARRIER PIPE	86 L.F.
12" DR-18 PVC	4,338 L.F.
10" DR-18 PVC	12,998 L.F.
10" D.I.P.	586 L.F.
8" DR-18 PVC	5,271 L.F.
6" D.I.P.	304 L.F.
SANITARY	**LENGTH**
8" SDR-26	16,669 L.F.
8" C-900 DR-18	559 L.F.
MANHOLE TOTAL = 90	
FORCEMAIN	**LENGTH**
8" DR-14 PVC	21 L.F.
6" DR-18 PVC	7,546 L.F.
6" DR-14 PVC	481 L.F.
4" DR-18 PVC	6,877 L.F.
4" DR-14 PVC	563 L.F.

NOTE: REFERENCE "WATERLINE NOTES" AND "SANITARY SEWER NOTES" FOR PIPE MATERIALS

LEGEND

- PROPOSED LAKE
- EXISTING LAKE
- CONSERVATION AREA

NOTE:
LIGHT POLE FOUNDATIONS TO BE A MINIMUM OF 5' FROM ANY EXISTING OR PROPOSED LCU OWNED AND MAINTAINED PIPELINE OR FACILITY

UTILITIES PROVIDING SERVICE:

POTABLE WATER	FIRE CONTROL DISTRICT	TELEPHONE	GARBAGE COLLECTION
LEE COUNTY UTILITIES 1500 MONROE STREET FORT MYERS, FLORIDA 33902 PHONE (239) 533-8181	SAN CARLOS PARK FIRE DEPT. STATION 51 8013 SANIBEL BLVD. FT MYERS, FLORIDA 33967 PHONE (239) 267-7525	CENTURYLINK 5100 DANIELS PKWY #300 FORT MYERS, FLORIDA 33912 PHONE (239) 590-0440	WASTE PRO 13110 RICKENBACKER PKWY FORT MYERS, FLORIDA 33913 PHONE (239) 337-0800
SANITARY SEWER	**CABLE TELEVISION**	**ELECTRIC**	**IRRIGATION**
LEE COUNTY UTILITIES 1500 MONROE STREET FORT MYERS, FLORIDA 33902 PHONE (239) 533-8181	COMCAST 12641 CORPORATE LAKES DR. FORT MYERS, FLORIDA 33913 PHONE (239) 432-9277	FLORIDA POWER AND LIGHT COMPANY 26430 OLD U.S. 41 ROAD BONITA SPRINGS, FLORIDA 34135 PHONE (239) 947-7361	PRIVATE ON SITE SYSTEM

GENERAL IRRIGATION NOTES:

1. IRRIGATION MAINS SIZED AND DESIGNED BY OTHERS, PLACED IN REAR YARDS AND OPEN SPACE AREAS.
2. IRRIGATION SHALL UTILIZE A CENTRALIZED IRRIGATION SYSTEM THAT DRAWS SOURCE WATER FROM EXISTING LAKE. THE CENTRALIZED IRRIGATION SYSTEM MUST COMPLY WITH LEE COUNTY ORDINANCE NO. 05-10, AS AMENDED. (LEE COUNTY WATER CONSERVATION ORDINANCE).
3. ALL COMPONENTS OF THE IRRIGATION WATER SYSTEM SHALL BE IN CONFORMANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE / NSF INTERNATIONAL STANDARD 61. ALL COMPONENTS INSTALLATION AND TESTING OF THE IRRIGATION WATER SYSTEM SHALL BE ACCORDANCE WITH ALL AWWA APPLICABLE STANDARDS AND SHALL MEET ALL MINIMUM AND MAXIMUM MANUFACTURERS STANDARDS.

WATERLINE NOTES:

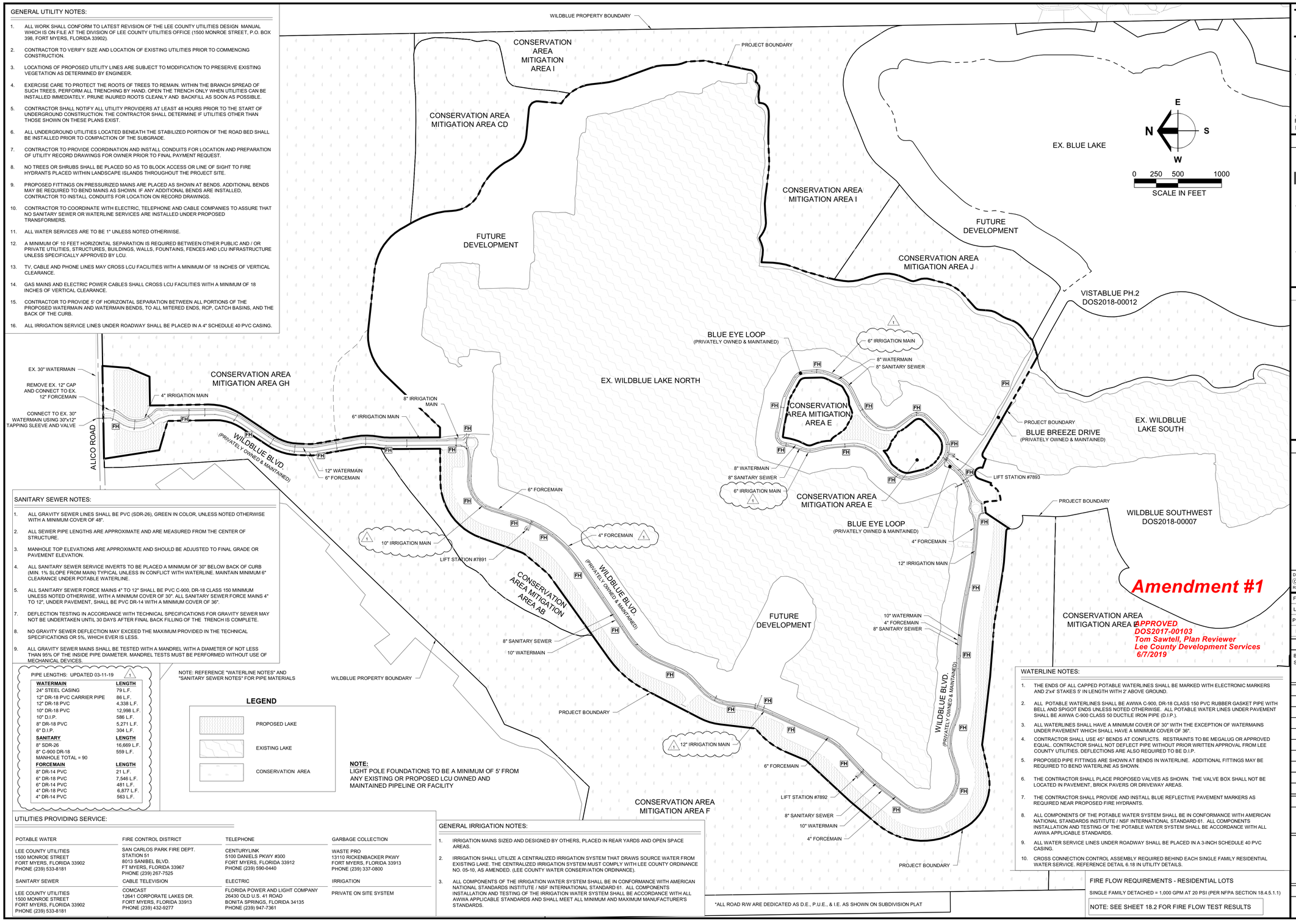
1. THE ENDS OF ALL CAPPED POTABLE WATERLINES SHALL BE MARKED WITH ELECTRONIC MARKERS AND 2'x4' STAKES 5' IN LENGTH WITH 2' ABOVE GROUND.
2. ALL POTABLE WATERLINES SHALL BE AWWA C-900, DR-18 CLASS 150 PVC RUBBER GASKET PIPE WITH BELL AND SPIGOT ENDS UNLESS NOTED OTHERWISE. ALL POTABLE WATER LINES UNDER PAVEMENT SHALL BE AWWA C-900 CLASS 50 DUCTILE IRON PIPE (D.I.P.).
3. ALL WATERLINES SHALL HAVE A MINIMUM COVER OF 30" WITH THE EXCEPTION OF WATERMAINS UNDER PAVEMENT WHICH SHALL HAVE A MINIMUM COVER OF 36".
4. CONTRACTOR SHALL USE 45° BENDS AT CONFLICTS. RESTRAINTS TO BE MEGALUG OR APPROVED EQUAL. CONTRACTOR SHALL NOT DEFLECT PIPE WITHOUT PRIOR WRITTEN APPROVAL FROM LEE COUNTY UTILITIES. DEFLECTIONS ARE ALSO REQUIRED TO BE D.I.P.
5. PROPOSED PIPE FITTINGS ARE SHOWN AT BENDS IN WATERLINE. ADDITIONAL FITTINGS MAY BE REQUIRED TO BEND WATERLINE AS SHOWN.
6. THE CONTRACTOR SHALL PLACE PROPOSED VALVES AS SHOWN. THE VALVE BOX SHALL NOT BE LOCATED IN PAVEMENT, BRICK PAVERS OR DRIVEWAY AREAS.
7. THE CONTRACTOR SHALL PROVIDE AND INSTALL BLUE REFLECTIVE PAVEMENT MARKERS AS REQUIRED NEAR PROPOSED FIRE HYDRANTS.
8. ALL COMPONENTS OF THE POTABLE WATER SYSTEM SHALL BE IN CONFORMANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE / NSF INTERNATIONAL STANDARD 61. ALL COMPONENTS INSTALLATION AND TESTING OF THE POTABLE WATER SYSTEM SHALL BE ACCORDANCE WITH ALL AWWA APPLICABLE STANDARDS.
9. ALL WATER SERVICE LINES UNDER ROADWAY SHALL BE PLACED IN A 3-INCH SCHEDULE 40 PVC CASING.
10. CROSS CONNECTION CONTROL ASSEMBLY REQUIRED BEHIND EACH SINGLE FAMILY RESIDENTIAL WATER SERVICE. REFERENCE DETAIL 6.18 IN UTILITY DETAILS.

FIRE FLOW REQUIREMENTS - RESIDENTIAL LOTS

SINGLE FAMILY DETACHED = 1,000 GPM AT 20 PSI (PER NFPA SECTION 18.4.5.1.1)

NOTE: SEE SHEET 18.2 FOR FIRE FLOW TEST RESULTS

*ALL ROAD R/W ARE DEDICATED AS D.E., P.U.E., & I.E. AS SHOWN ON SUBDIVISION PLAT



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PROJECT DESCRIPTION

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BASEPLAN = 23675A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)
1-29-19	IRRIGATION SIZE REVISIONS

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

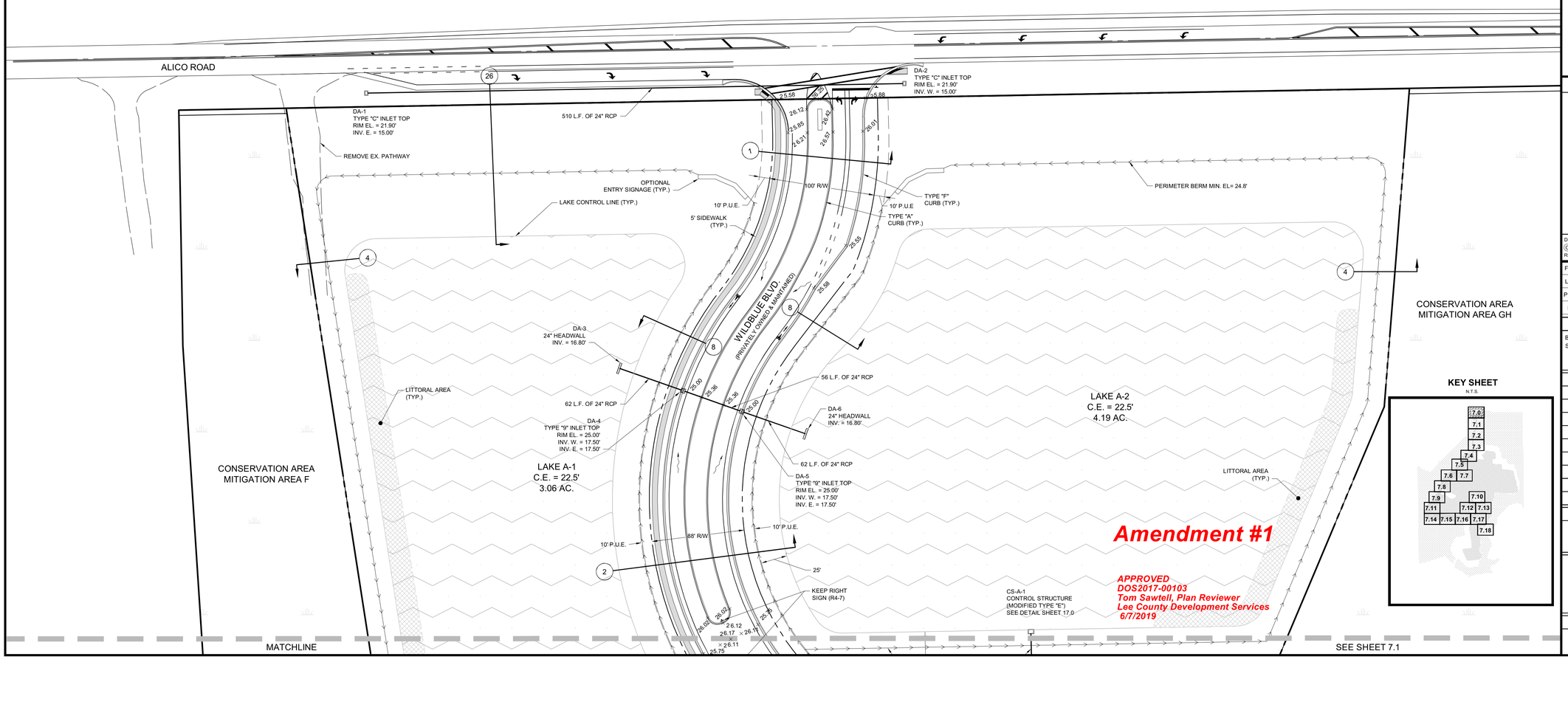
MASTER UTILITY PLAN

PROJECT / FILE NO.	SHEET NUMBER
23675	6.0

DOS2017-00103 Lee County ePlan

NOTE:
FOR CONTROL STRUCTURES FSN, FSS, AND WEIR WALL DRAINAGE DETAILS SEE SHEET 17.1.

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SCALE IN FEET



Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

KEY SHEET
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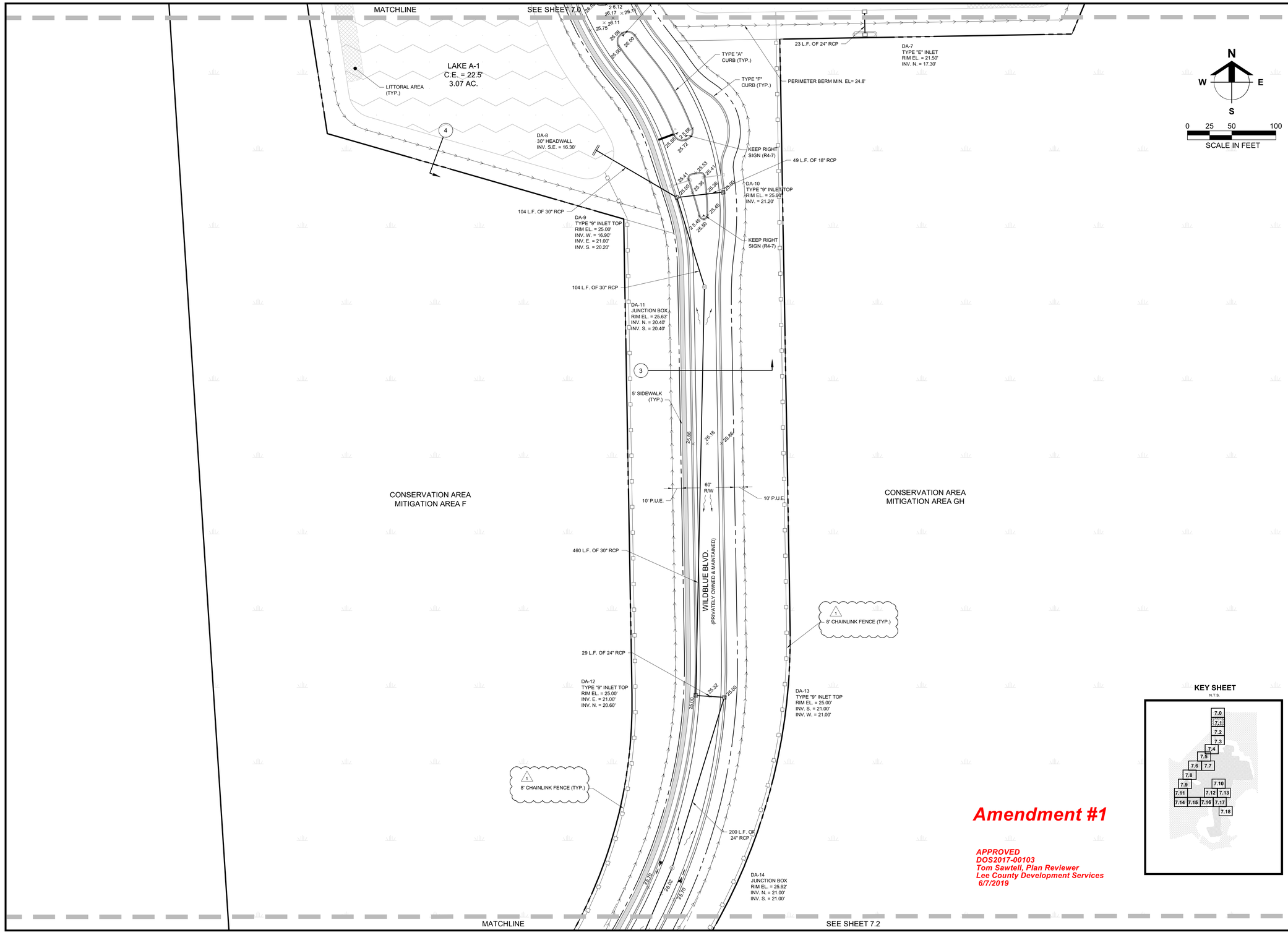
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D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.0

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DETAILED PAVING, GRADING, AND DRAINAGE PLANS

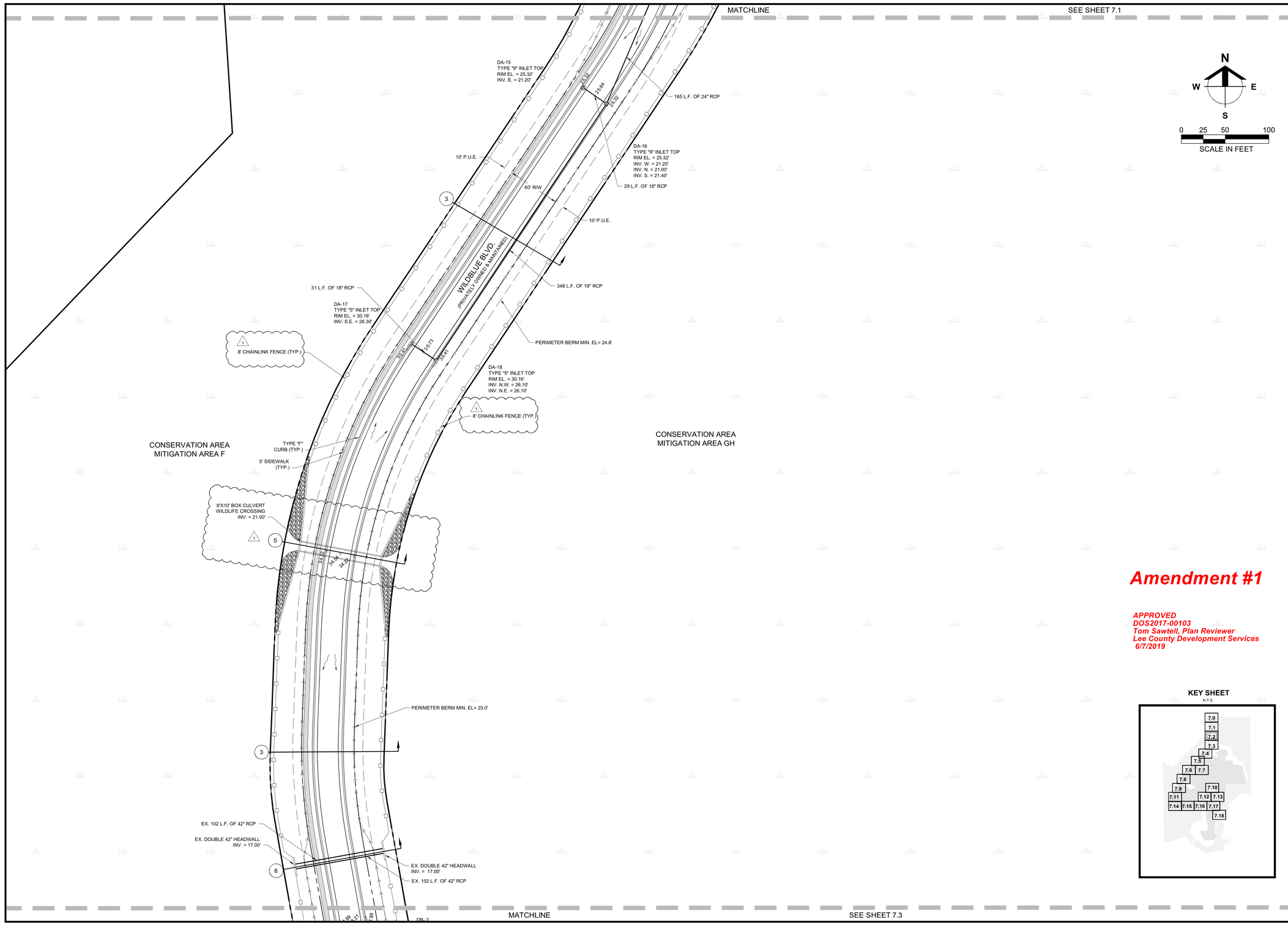
PROJECT / FILE NO.	SHEET NUMBER
23675	7.1

KEY SHEET
N.T.S.

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

DOS2017-00103 Lee County ePlan



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DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

KEY SHEET
N.T.S.

Barraco and Associates, Inc.
CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING
www.barraco.net
2271 McGREGOR BLVD., SUITE 100
POST OFFICE DRAWER 2800
FORT MYERS, FLORIDA 33902-2800
PHONE (239) 461-3170
FAX (239) 461-3169
FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

PHONE (239) 278-1177
FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A15.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:44 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)

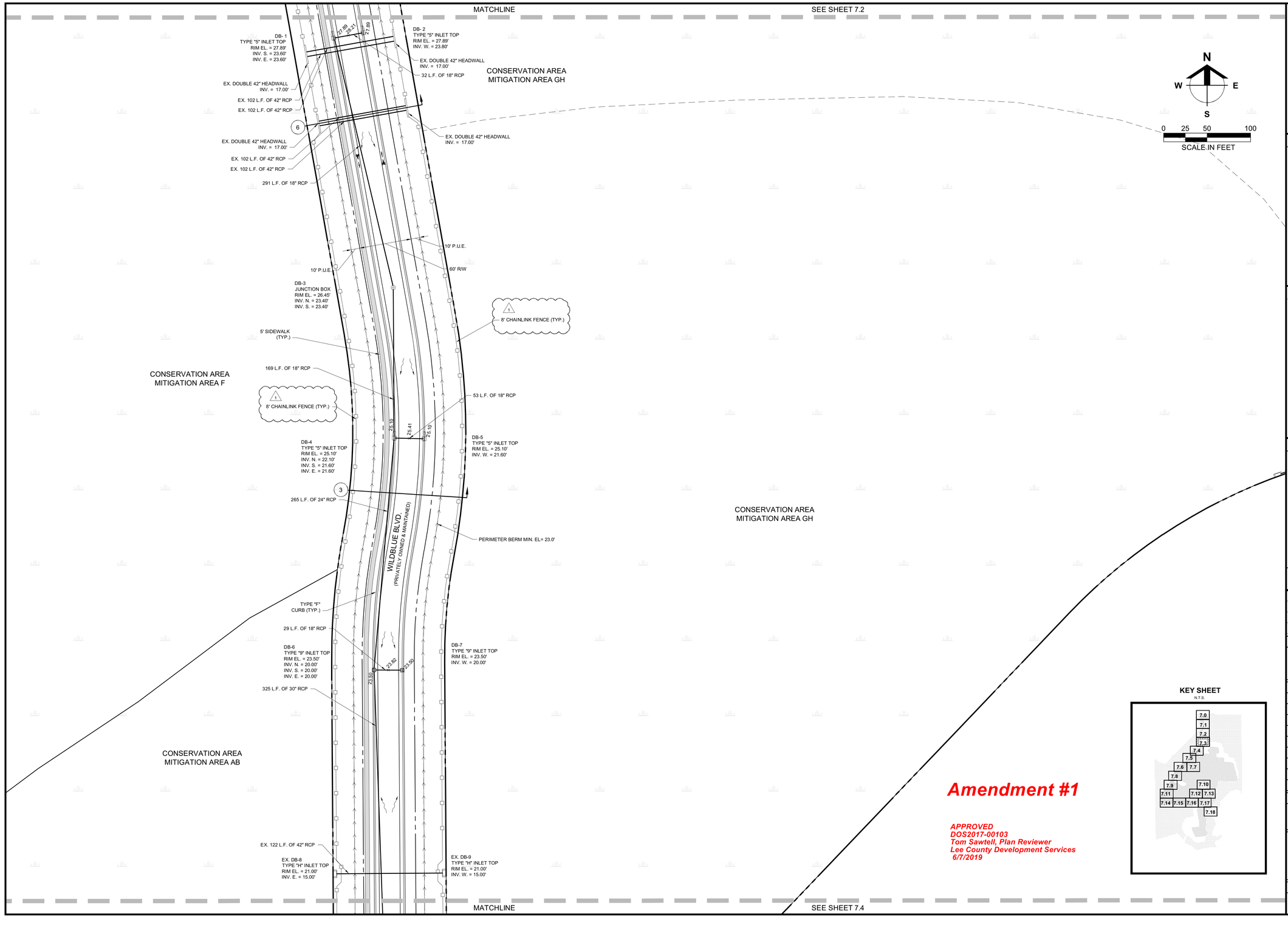
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.2

DOS2017-00103 Lee County ePlan



Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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FILE NAME	23675A15.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:45 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

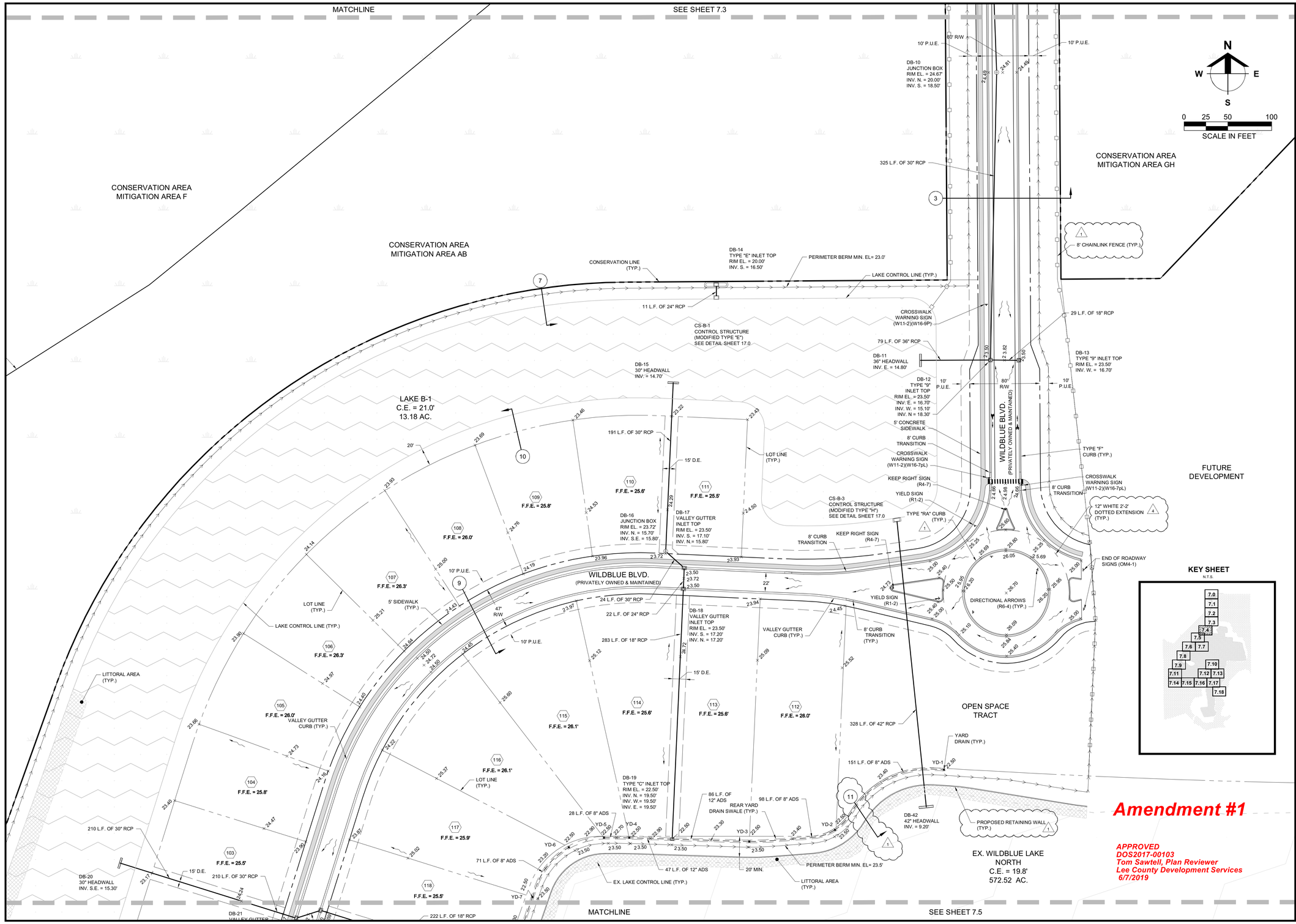
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.3

DOS2017-00103 Lee County ePlan



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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)
05-16-19	D.O. COMMENTS DATED 05-16-19 (4)

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.4

DOS2017-00103 Lee County ePlan

N
W E
S
0 25 50 100
SCALE IN FEET

CONSERVATION AREA
MITIGATION AREA AB

CONSERVATION LINE (TYP.)
PERIMETER BERM MIN. EL= 23.0'
LITTORAL AREA (TYP.)
LAKE CONTROL LINE (TYP.)
LOT LINE (TYP.)
SIDEWALK EASEMENT (TYP.)
LIFT STATION 7891
OPTIONAL 6' PRIVACY WALL
(2) - 22' PARKING SPACES
MAIL KIOSK
5' SIDEWALK (TYP.)
VALLEY GUTTER CURB (TYP.)
REAR YARD DRAIN SWALE (TYP.)
YARD DRAIN (TYP.)
PROPOSED RETAINING WALL (TYP.)
EX. LAKE CONTROL LINE
EX. WILDBLUE LAKE NORTH C.E. = 19.8' 572.52 AC.
LAKE B-1 C.E. = 21.0' 13.18 AC.
OPEN SPACE TRACT
WILDBLUE BLVD. (PRIVATELY OWNED & MAINTAINED)
22'
20' MIN.
47' R/W
10' P.U.E.
15' D.E.

MATCHLINE
SEE SHEET 7.4
MATCHLINE
SEE SHEET 7.6
MATCHLINE
SEE SHEET 7.7

DB-20 30" HEADWALL INV. S.E. = 15.30'
210 L.F. OF 30" RCP
DB-21 VALLEY GUTTER INLET TOP RIM EL. = 23.50' INV. W. = 15.80' INV. E. = 17.10'
DB-22 VALLEY GUTTER INLET TOP RIM EL. = 23.50' INV. W. = 17.20' INV. E. = 17.20'
25 L.F. OF 24" RCP
222 L.F. OF 18" RCP
71 L.F. OF 8" ADS
85 L.F. OF 12" ADS
DB-23 TYPE "C" INLET TOP RIM EL = 22.50' INV. S. = 19.50' INV. N. = 19.50' INV. W. = 19.50'
84 L.F. OF 12" ADS
93 L.F. OF 8" ADS
96 L.F. OF 8" ADS
96 L.F. OF 12" ADS
97 L.F. OF 18" ADS
DB-24 TYPE "E" INLET TOP RIM EL. = 20.00' INV. E. = 16.50'
13 L.F. OF 24" RCP
CS-B-2 CONTROL STRUCTURE (MODIFIED TYPE "E") SEE DETAIL SHEET 17.0
DB-25 36" HEADWALL INV. S.E. = 14.20'
210 L.F. OF 36" RCP
25 L.F. OF 30" RCP
DB-26 VALLEY GUTTER INLET TOP RIM EL. = 23.50' INV. S.E. = 16.60' INV. N.W.= 15.20'
197 L.F. OF 24" RCP
DB-27 VALLEY GUTTER INLET TOP RIM EL. = 23.50' INV. S.E. = 16.70' INV. W.= 16.70'
DB-28 TYPE "C" INLET TOP RIM EL. = 22.50' INV. N.E. = 19.50' INV. N.W. = 19.50' INV. S.W. = 19.50'
97 L.F. OF 12" ADS

F.F.E. = 25.8' (104)
F.F.E. = 26.1' (116)
F.F.E. = 25.9' (117)
F.F.E. = 25.5' (103)
F.F.E. = 25.5' (118)
F.F.E. = 25.5' (102)
F.F.E. = 25.5' (119)
F.F.E. = 25.8' (101)
F.F.E. = 25.5' (120)
F.F.E. = 26.0' (121)
F.F.E. = 26.1' (100)
F.F.E. = 26.3' (122)
F.F.E. = 26.3' (123)
F.F.E. = 25.8' (98)
F.F.E. = 26.0' (124)
F.F.E. = 25.5' (97)
F.F.E. = 25.8' (125)
F.F.E. = 25.6' (96)
F.F.E. = 25.5' (126)
F.F.E. = 25.9' (95)
F.F.E. = 25.5' (127)
F.F.E. = 26.2' (94)
F.F.E. = 25.7' (128)
F.F.E. = 26.3' (93)

10 11 9 7

YD-7 YD-8 YD-9 YD-10 YD-11 YD-12 YD-13 YD-14 YD-15

KEY SHEET
N.T.S.
7.0 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17 7.18

Amendment #1

APPROVED
DOS2017-00103
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Lee County Development Services
6/7/2019

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BASEPLAN = 23675A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

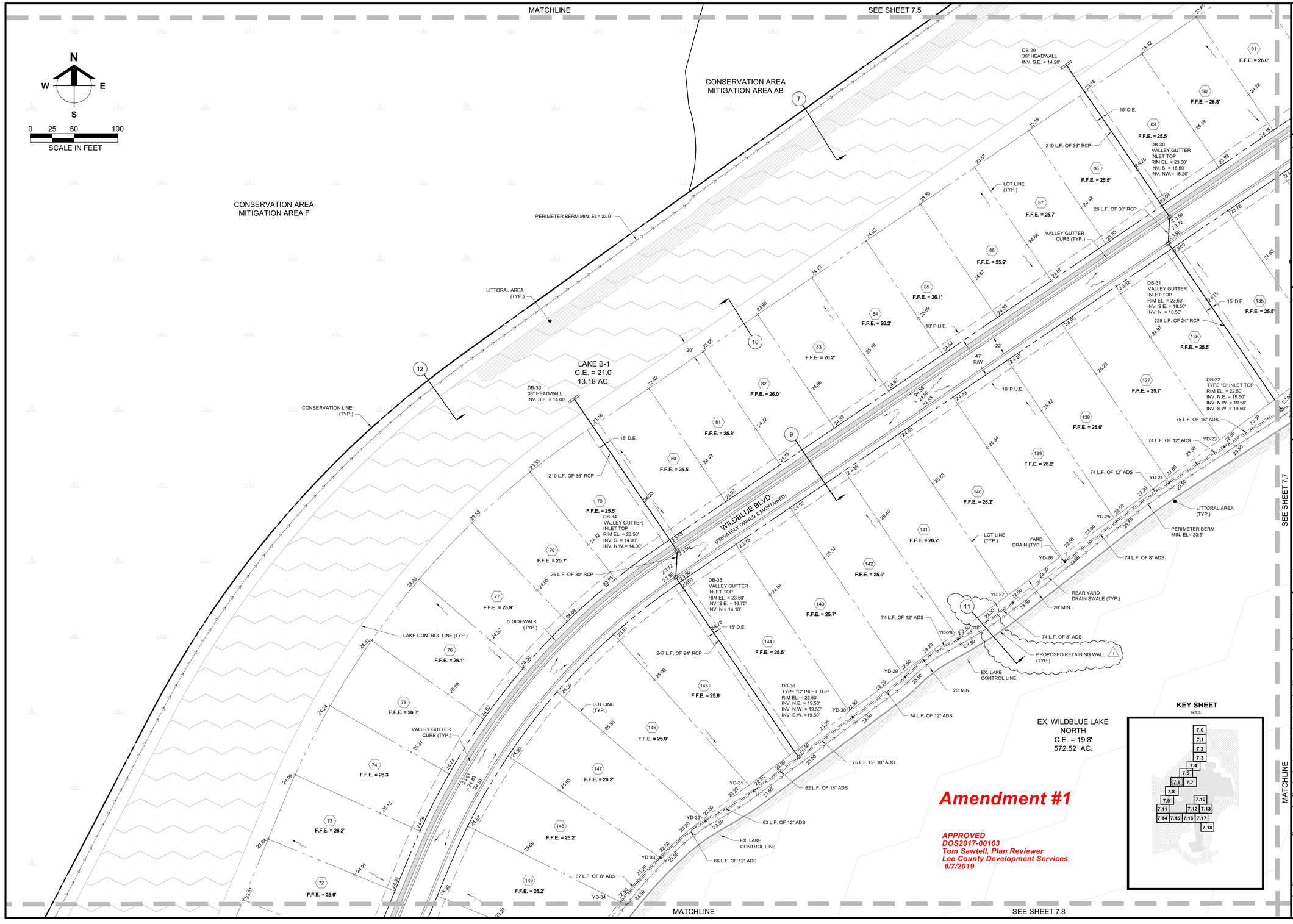
11-12-18	D.O. AMENDMENT #1 CHANGES (1)

PLAN STATUS
D.O. AMENDMENT #1
05-16-19

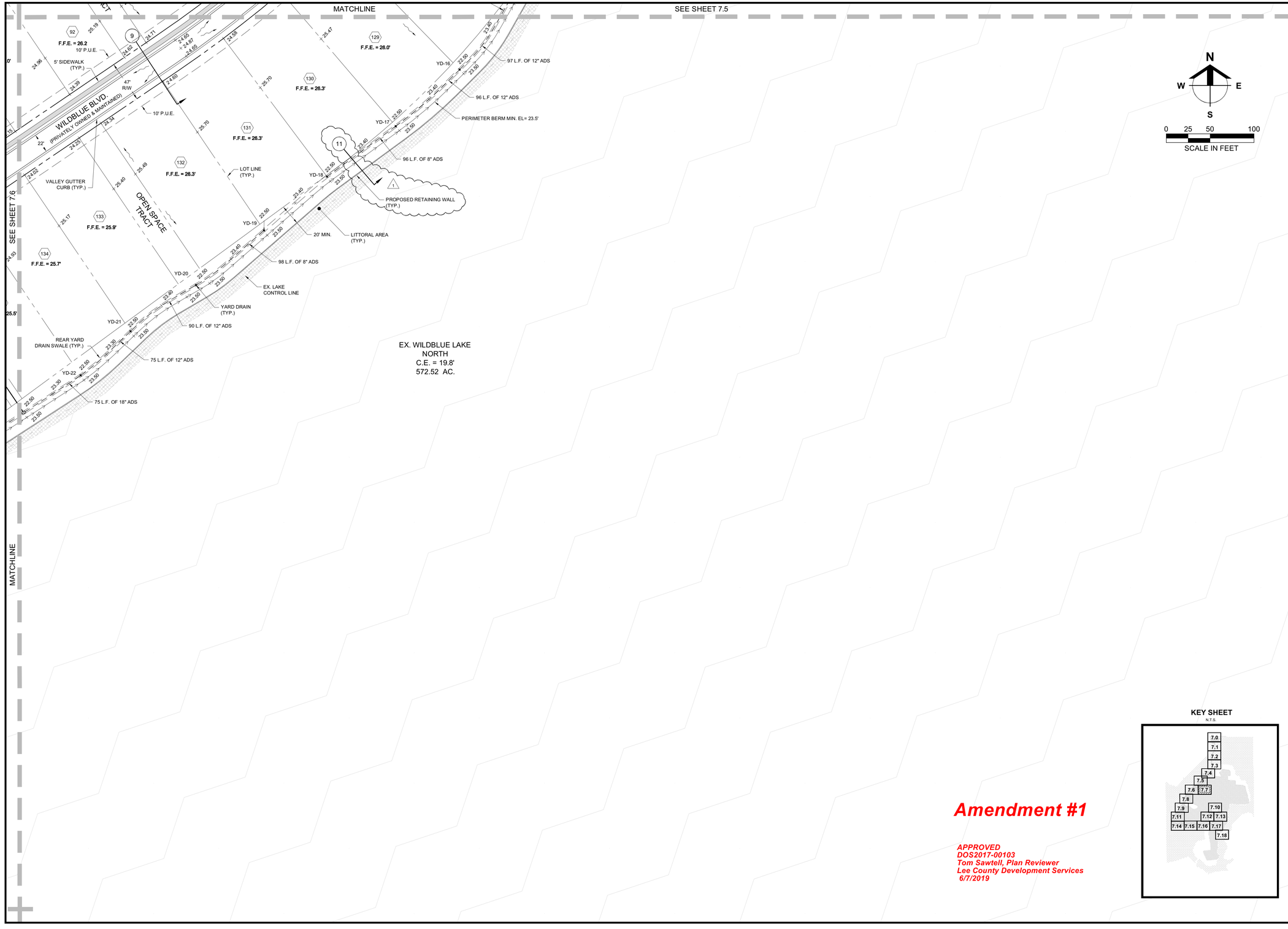
DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.5

DOS2017-00103 Lee County ePlan


MATCHLINE
SEE SHEET 7.5
N
W
E
S
0 25 50 100
SCALE IN FEET
CONSERVATION AREA MITIGATION AREA AB
CONSERVATION AREA MITIGATION AREA F
PERIMETER BERM MIN. EL= 23.0'
LITTORAL AREA (TYP.)
CONSERVATION LINE (TYP.)
LAKE B-1
C.E. = 21.0'
13.18 AC.
DB-29
36" HEADWALL
INV. S.E. = 14.20'
DB-33
36" HEADWALL
INV. S.E. = 14.00'
15' D.E.
210 L.F. OF 36" RCP
WILDBLUE BLVD.
(PRIVATELY OWNED & MAINTAINED)
LOT LINE (TYP.)
26 L.F. OF 30" RCP
VALLEY GUTTER CURB (TYP.)
DB-30
VALLEY GUTTER
INLET TOP
RIM EL. = 23.50'
INV. S. = 18.50'
INV. NW.= 15.20'
DB-31
VALLEY GUTTER
INLET TOP
RIM EL. = 23.50'
INV. S.E. = 18.50'
INV. N. = 18.50'
229 L.F. OF 24" RCP
10' P.U.E.
47' R/W
22'
20'
DB-32
TYPE "C" INLET TOP
RIM EL. = 22.50'
INV. N.E. = 19.50'
INV. N.W. = 19.50'
INV. S.W. = 19.50'
76 L.F. OF 18" ADS
74 L.F. OF 12" ADS
74 L.F. OF 8" ADS
YARD DRAIN (TYP.)
REAR YARD DRAIN SWALE (TYP.)
20' MIN.
PROPOSED RETAINING WALL (TYP.)
EX. LAKE CONTROL LINE
DB-34
VALLEY GUTTER
INLET TOP
RIM EL. = 23.50'
INV. S. = 14.00'
INV. N.W.= 14.00'
DB-35
VALLEY GUTTER
INLET TOP
RIM EL. = 23.50'
INV. S.E. = 16.70'
INV. N.= 14.10'
247 L.F. OF 24" RCP
DB-36
TYPE "C" INLET TOP
RIM EL. = 22.50'
INV. N.E. = 19.50'
INV. N.W. = 19.50'
INV. S.W. =19.50'
75 L.F. OF 18" ADS
62 L.F. OF 18" ADS
63 L.F. OF 12" ADS
66 L.F. OF 12" ADS
67 L.F. OF 8" ADS
LAKE CONTROL LINE (TYP.)
5' SIDEWALK (TYP.)
EX. WILDBLUE LAKE NORTH
C.E. = 19.8'
572.52 AC.
F.F.E. = 25.5'
F.F.E. = 25.7'
F.F.E. = 25.9'
F.F.E. = 26.0'
F.F.E. = 25.8'
F.F.E. = 26.1'
F.F.E. = 26.2'
F.F.E. = 26.3'
F.F.E. = 25.6'
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F.F.E. = 25.0'
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F.F.E. = 7.3'
F.F.E. = 7.2'
F.F.E. = 7.1'
F.F.E. = 7.0'
F.F.E. = 6.9'
F.F.E. = 6.8'
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F.F.E. = 6.5'
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F.F.E. = 5.6'
F.F.E. = 5.5'
F.F.E. = 5.4'
F.F.E. = 5.3'
F.F.E. = 5.2'
F.F.E. = 5.1'
F.F.E. = 5.0'
F.F.E. = 4.9'
F.F.E. = 4.8'
F.F.E. = 4.7'
F.F.E. = 4.6'
F.F.E. = 4.5'
F.F.E. = 4.4'
F.F.E. = 4.3'
F.F.E. = 4.2'
F.F.E. = 4.1'
F.F.E. = 4.0'
F.F.E. = 3.9'
F.F.E. = 3.8'
F.F.E. = 3.7'
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F.F.E. = 3.2'
F.F.E. = 3.1'
F.F.E. = 3.0'
F.F.E. = 2.9'
F.F.E. = 2.8'
F.F.E. = 2.7'
F.F.E. = 2.6'
F.F.E. = 2.5'
F.F.E. = 2.4'
F.F.E. = 2.3'
F.F.E. = 2.2'
F.F.E. = 2.1'
F.F.E. = 2.0'
F.F.E. = 1.9'
F.F.E. = 1.8'
F.F.E. = 1.7'
F.F.E. = 1.6'
F.F.E. = 1.5'
F.F.E. = 1.4'
F.F.E. = 1.3'
F.F.E. = 1.2'
F.F.E. = 1.1'
F.F.E. = 1.0'
F.F.E. = 0.9'
F.F.E. = 0.8'
F.F.E. = 0.7'
F.F.E. = 0.6'
F.F.E. = 0.5'
F.F.E. = 0.4'
F.F.E. = 0.3'
F.F.E. = 0.2'
F.F.E. = 0.1'
F.F.E. = 0.0'
F.F.E. = -0.1'
F.F.E. = -0.2'
F.F.E. = -0.3'
F.F.E. = -0.4'
F.F.E. = -0.5'
F.F.E. = -0.6'
F.F.E. = -0.7'
F.F.E. = -0.8'
F.F.E. = -0.9'
F.F.E. = -1.0'
F.F.E. = -1.1'
F.F.E. = -1.2'
F.F.E. = -1.3'
F.F.E. =

DOS2017-00103 Lee County ePlan



Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

KEY SHEET
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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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PLOT DATE	THU. 5-16-2019 - 4:46 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

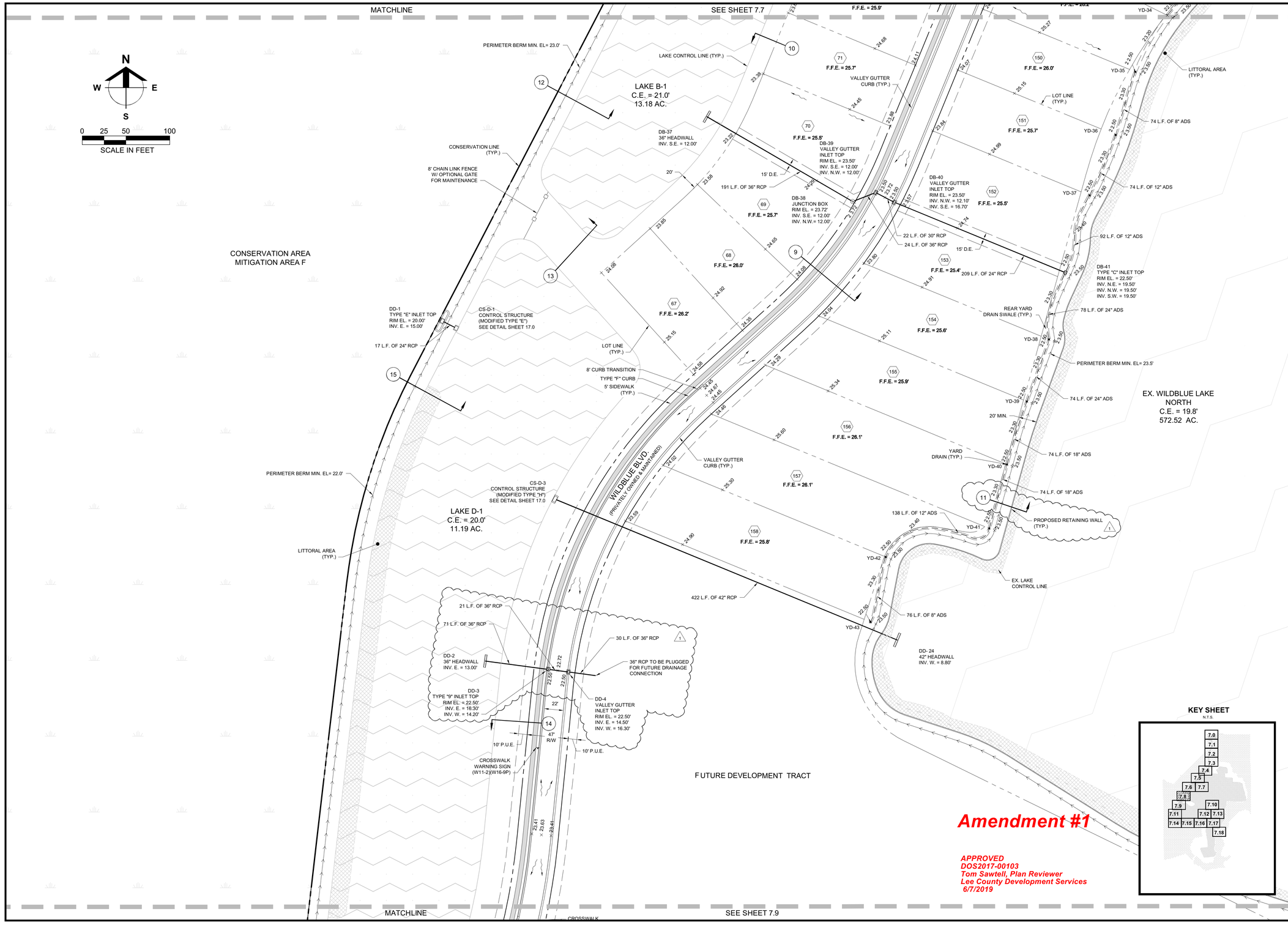
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.7

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PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.8

DOS2017-00103 Lee County ePlan

MATCHLINE

SEE SHEET 7.8

CONSERVATION AREA
MITIGATION AREA F

FUTURE
DEVELOPMENT
TRACT

N
W E
S

0 25 50 100
SCALE IN FEET

CROSSWALK WARNING SIGN (W11-2)(W16-7pL)

3' VALLEY GUTTER CURB (TYP.)

OM4-1 SIGN (TYP.)

DD-7
TYPE "9" INLET TOP
RIM EL. = 22.50'
INV. S.E. = 14.40'
INV. N.W. = 13.00'

CROSSWALK WARNING SIGN (W11-2)(W16-8P)

DD-6
36" HEADWALL
INV. S.E. = 13.00'

71 L.F. OF 36" RCP

91 L.F. OF 36" RCP

36" RCP TO BE PLUGGED FOR FUTURE DRAINAGE CONNECTION

40 L.F. OF 36" RCP

20 L.F. OF 36" RCP

DD-8
VALLEY GUTTER
INLET TOP
RIM EL. = 22.50'
INV. S.E. = 14.40'
INV. N.W. = 14.40'

DD-9
JUNCTION BOX
RIM EL. = 23.52'
INV. N.W. = 16.50'
INV. N.E. = 16.50'
INV. S.E. = 16.50'

25' D.E.

YARD DRAIN
(SEE CONSTRUCTION DETAIL SHEET 18.2 FDOT INDEX 280)

DD-10
TYPE "C" INLET TOP
RIM EL. = 21.50'
INV. N.W. = 17.50'
INV. S. = 18.00'

TYPE "F" CURB

159
F.F.E. = 24.5'

269 L.F. OF 24" RCP

YD-142

8' CURB TRANSITION

LOT LINE (TYP.)

160
F.F.E. = 24.7'

81 L.F. OF 18" ADS

YD-143

76 L.F. OF 8" ADS

YD-144

62 L.F. OF 8" ADS

156 L.F. OF 12" ADS

YD-45

79 L.F. OF 18" ADS

LAKE CONTROL LINE (TYP.)

WILDBLUE BLVD
(PRIVATELY OWNED & MAINTAINED)

66
F.F.E. = 25.2'

161
F.F.E. = 24.9'

65
F.F.E. = 25.2'

162
F.F.E. = 25.2'

YD-46

20' MIN.

PERIMETER BERM MIN. EL= 23.0'

LAKE D-1
C.E. = 20.0'
11.19 AC.

PERIMETER BERM MIN. EL= 22.0'

64
F.F.E. = 25.2'

74 L.F. OF 8" ADS

YD-47

VALLEY GUTTER CURB (TYP.)

163
F.F.E. = 25.2'

REAR YARD DRAIN SWALE (TYP.)

YARD DRAIN (TYP.)

LITTORAL AREA (TYP.)

63
F.F.E. = 24.9'

5' SIDEWALK (TYP.)

10' P.U.E.

47' R/W

164
F.F.E. = 25.2'

YD-48

PROPOSED RETAINING WALL (TYP.)

62
F.F.E. = 24.7'

10' P.U.E.

165
F.F.E. = 25.0'

YD-49

74 L.F. OF 8" ADS

EX. WILDBLUE LAKE
NORTH
C.E. = 19.8'
572.52 AC.

DD-11
36" HEADWALL
INV. S.E. = 13.20'

61
F.F.E. = 24.5'

15' D.E.

EXISTING LAKE CONTROL LINE

166
F.F.E. = 24.7'

YD-50

74 L.F. OF 12" ADS

210 L.F. OF 36" RCP

DD-12
VALLEY GUTTER
INLET TOP
RIM EL. = 22.50'
INV. N.W. = 14.20'
INV. E. = 15.60'

60
F.F.E. = 24.7'

DD-13
VALLEY GUTTER
INLET TOP
RIM EL. = 22.50'
INV. S.E. = 15.70'
INV. W. = 15.70'

167
F.F.E. = 24.5'

YD-51

74 L.F. OF 12" ADS

76 L.F. OF 18" ADS

25 L.F. OF 30" RCP

225 L.F. OF 24" RCP

15' D.E.

DD-15
TYPE "E" INLET TOP
RIM EL. = 19.00'
INV. S.E. = 15.00'

17 L.F. OF 24" RCP

CS-D-2
CONTROL STRUCTURE
(MODIFIED TYPE "E")
SEE DETAIL SHEET 17.0

59
F.F.E. = 25.0'

168
F.F.E. = 24.5'

DD-14
TYPE "C" INLET TOP
RIM EL. = 21.50'
INV. N. = 18.00'
INV. N.W. = 18.00'
INV. S. = 18.00'

LITTORAL AREA (TYP.)

58
F.F.E. = 25.2'

169
F.F.E. = 24.7'

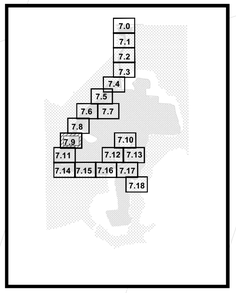
YD-52

88 L.F. OF 18" ADS

MATCHLINE

SEE SHEET 7.11

KEY SHEET
N.T.S.



Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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CROSS REFERENCED DRAWINGS

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PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)

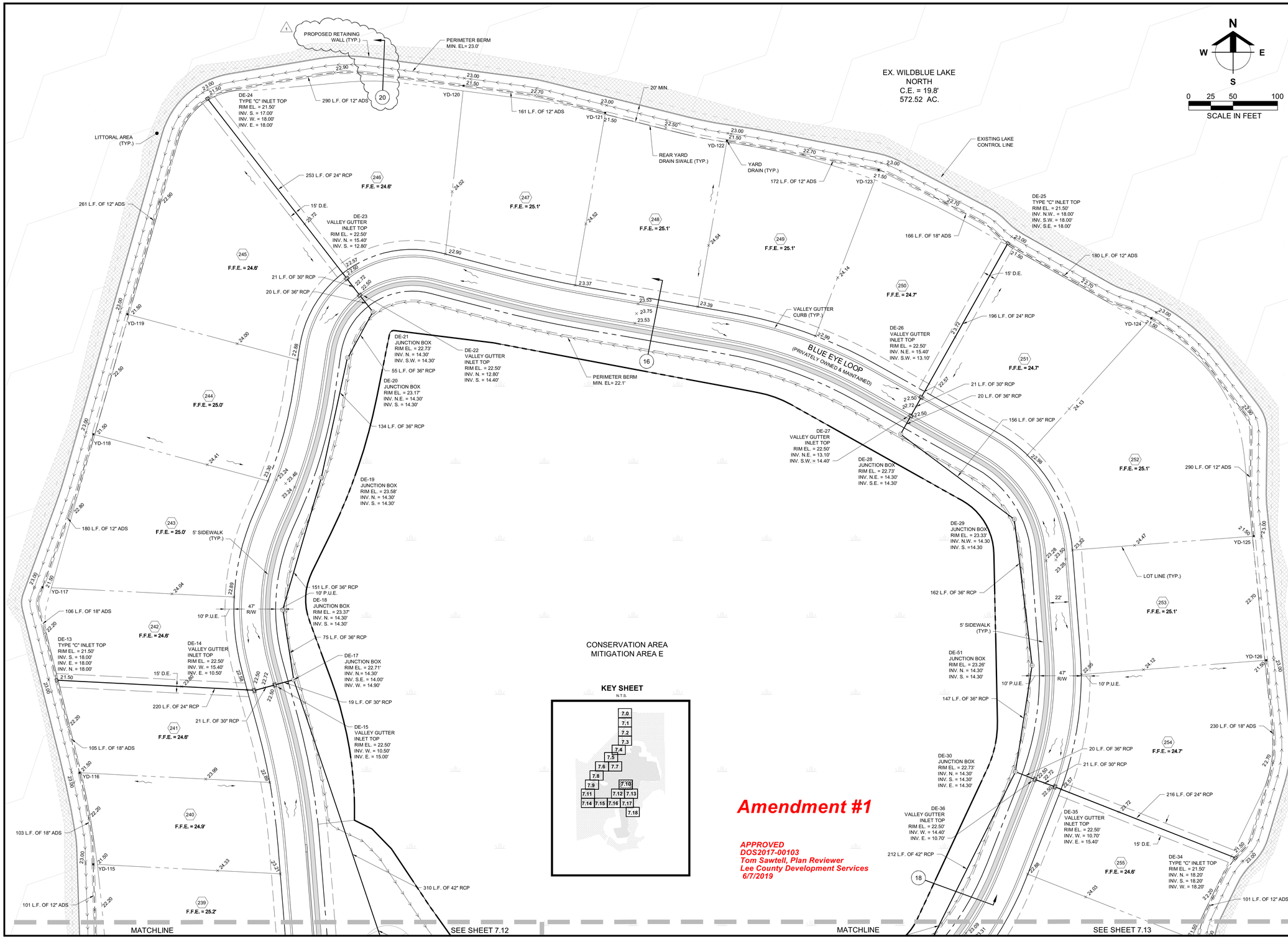
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.9

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PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

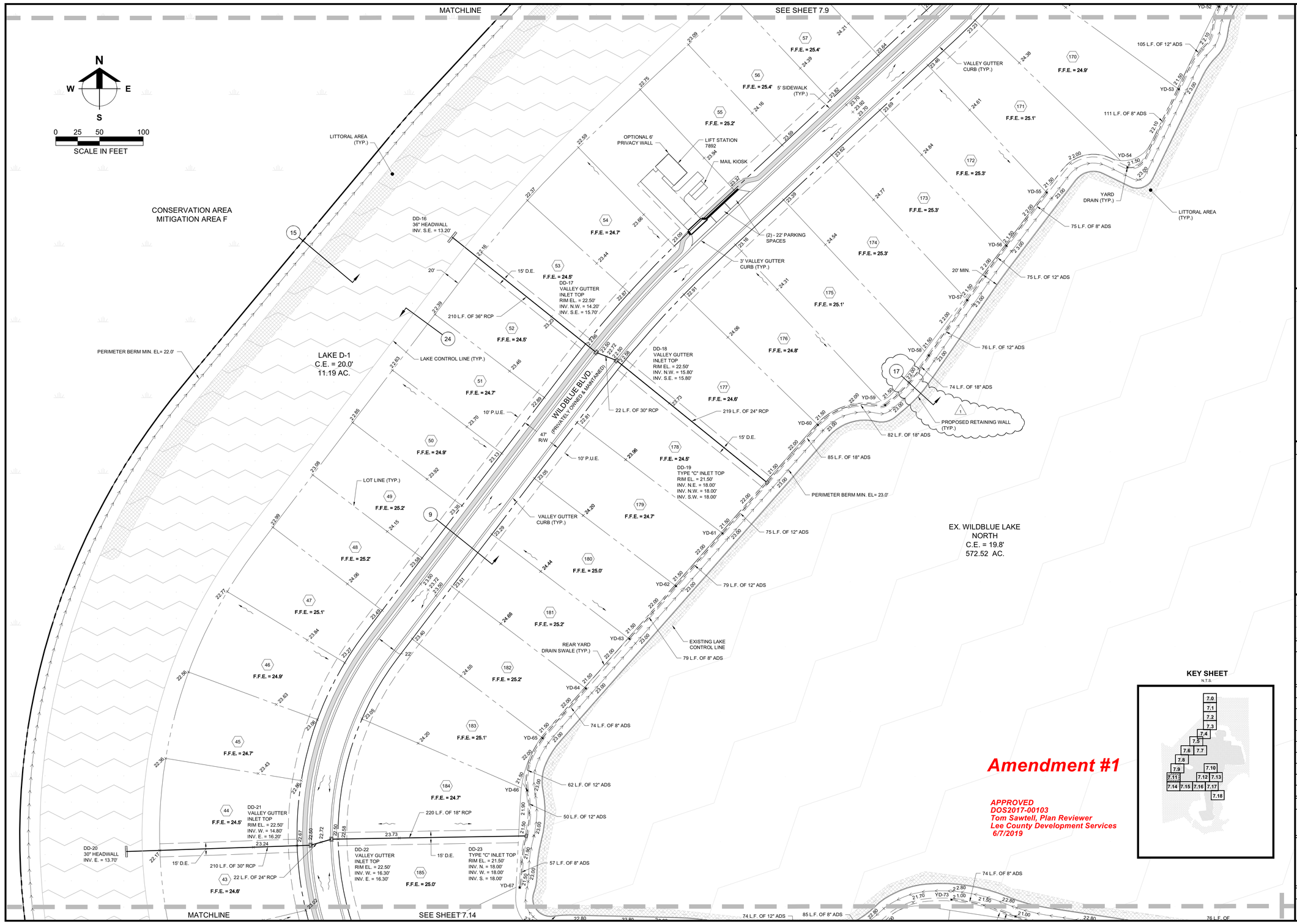
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.10

DOS2017-00103 Lee County ePlan



KEY SHEET
N.T.S.

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

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LEE COUNTY, FLORIDA

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PLAN REVISIONS

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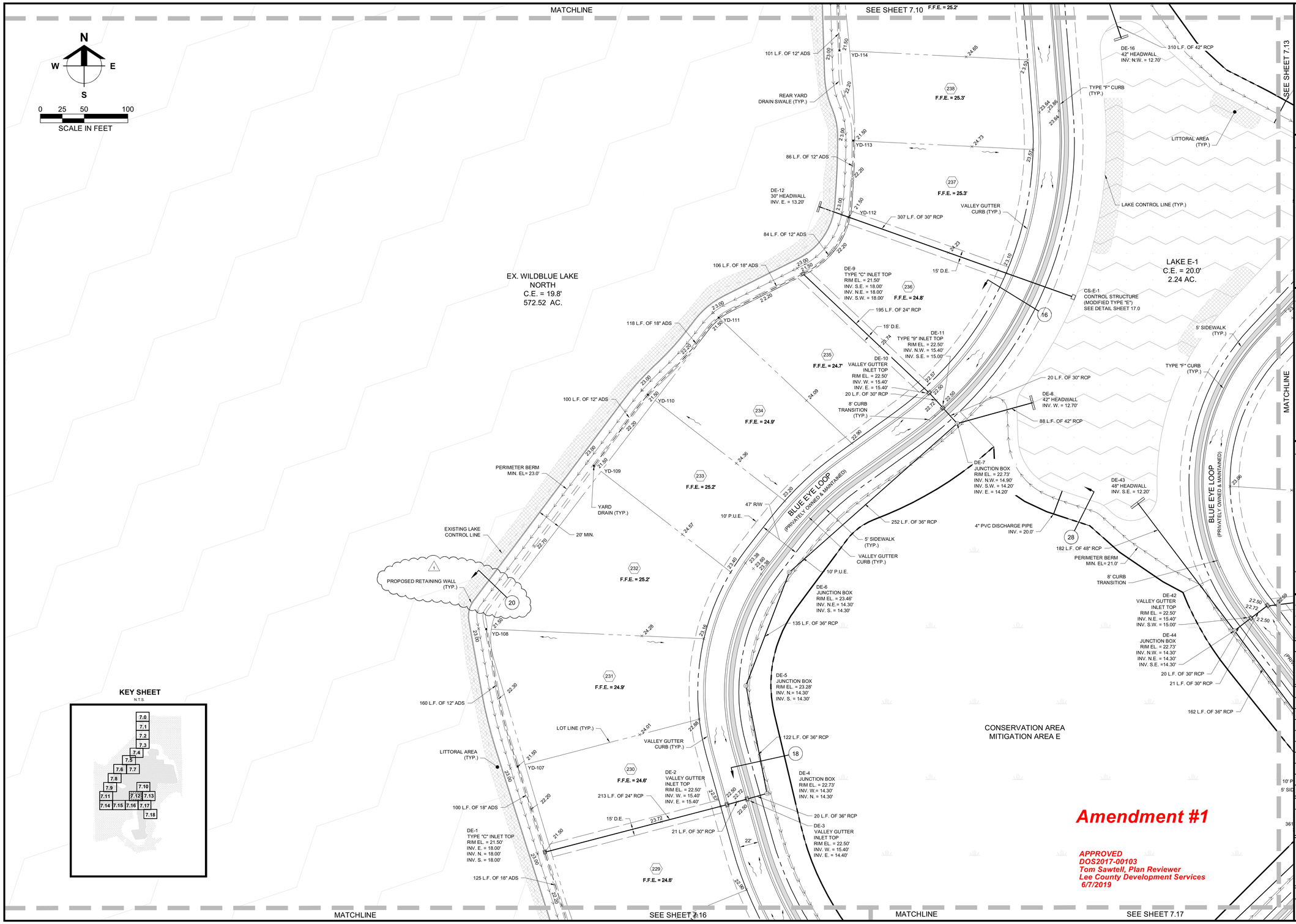
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.11

DOS2017-00103 Lee County ePlan



KEY SHEET
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Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PLAN REVISIONS

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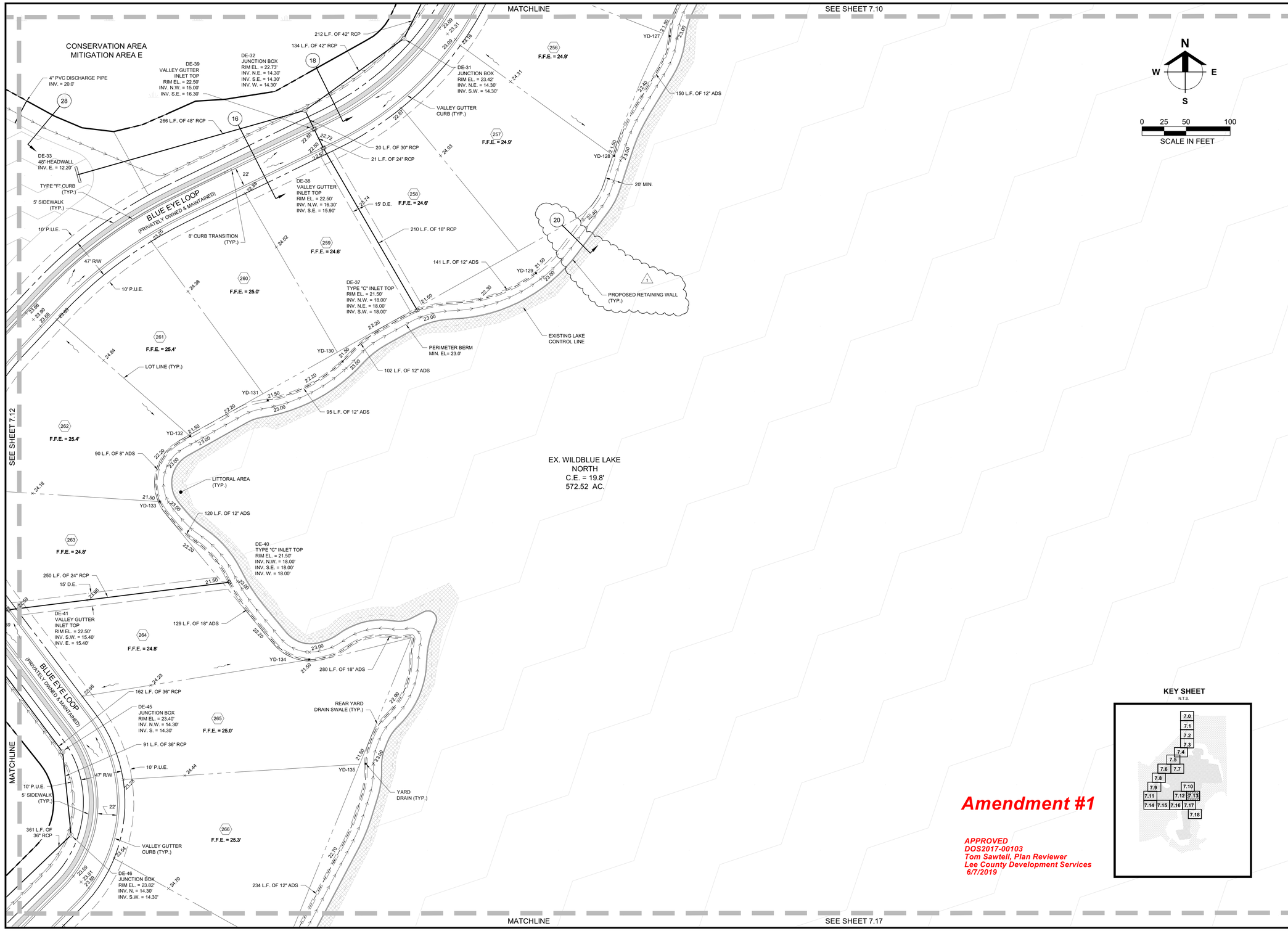
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.12

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Lee County Development Services
6/7/2019

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PLAN REVISIONS

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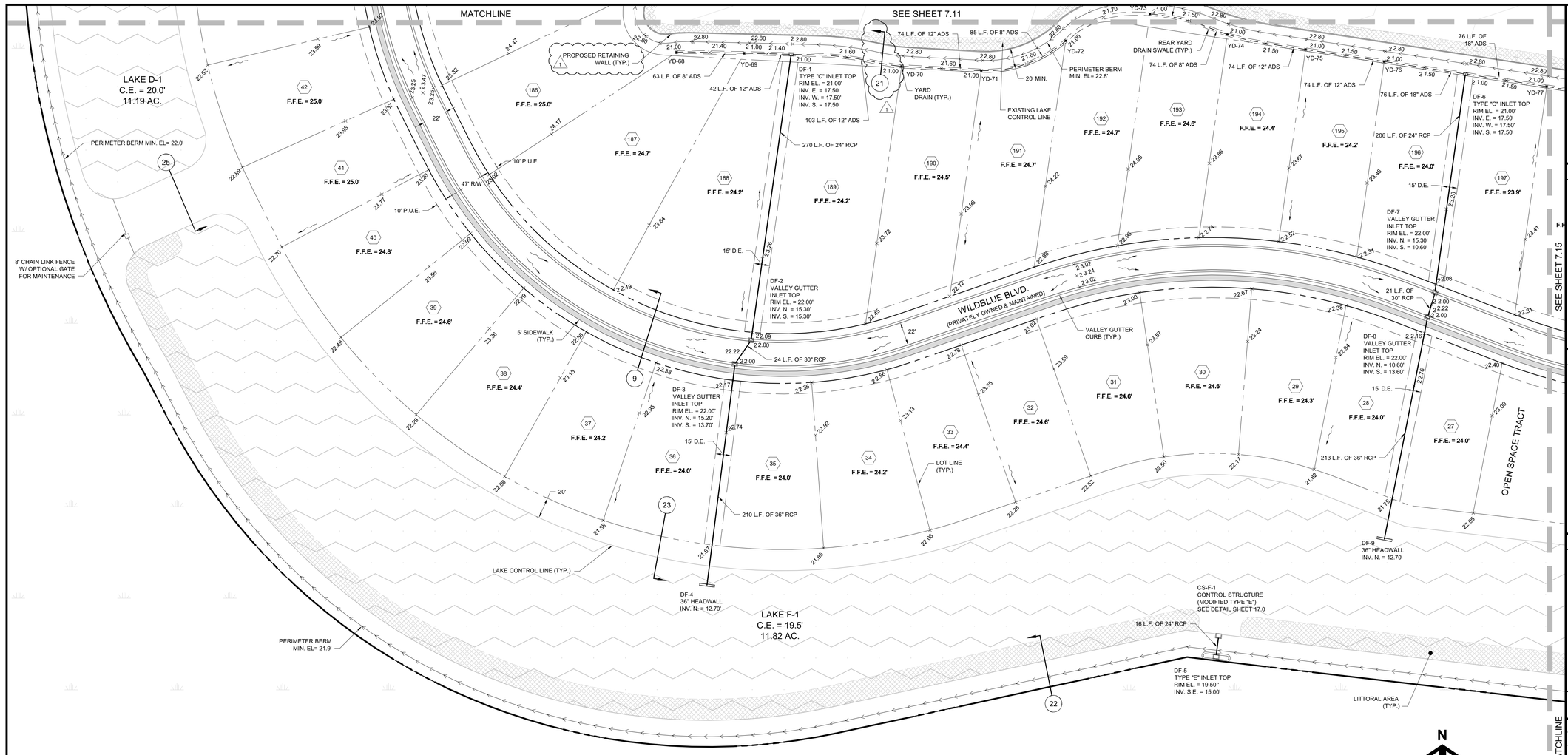
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.13

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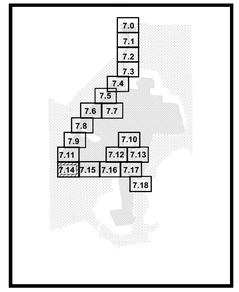
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SCALE IN FEET

KEY SHEET

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Amendment #1

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Lee County Development Services
6/7/2019

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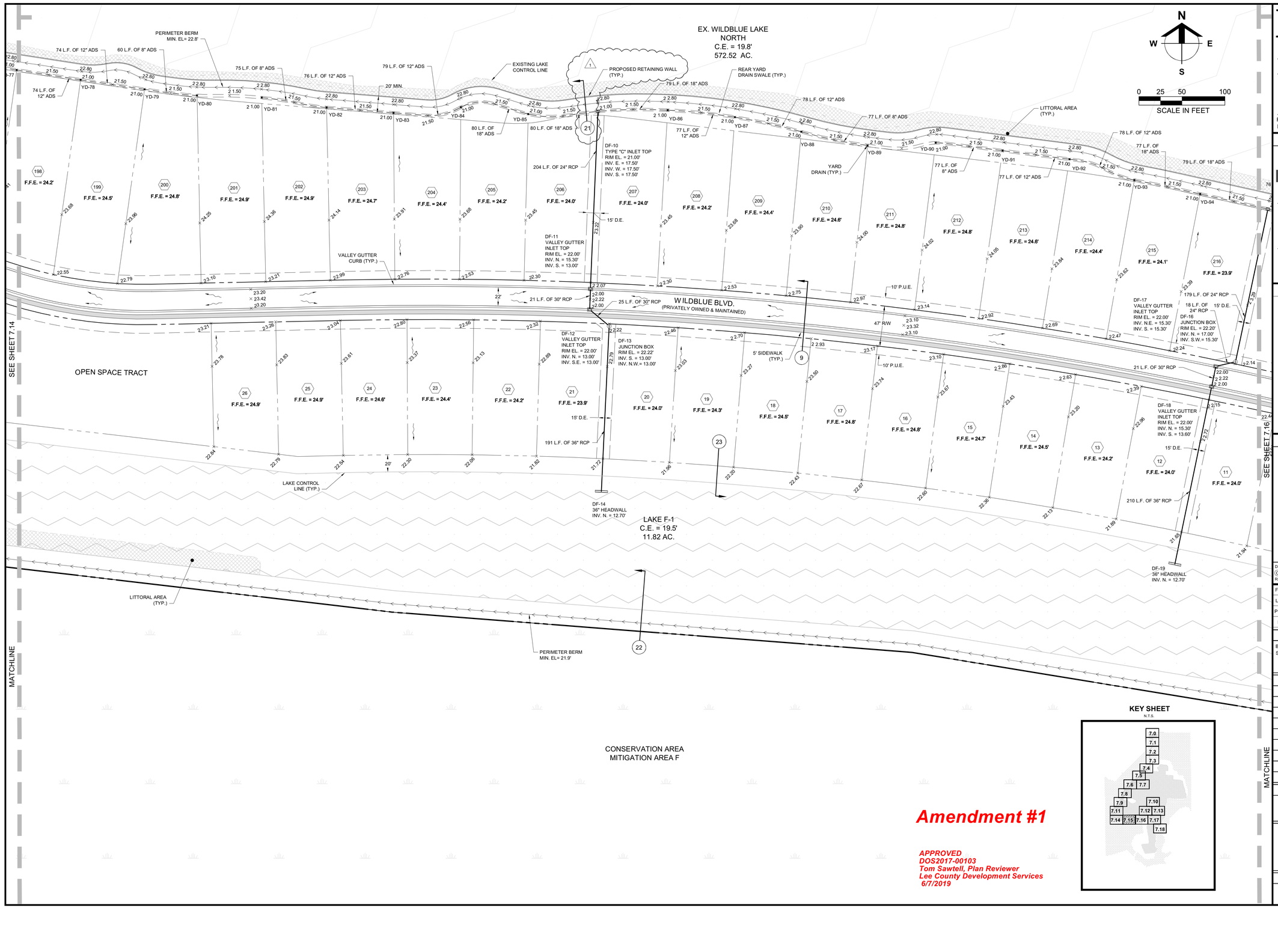
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.14

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N.T.S.

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

Barraco and Associates, Inc.
CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING
www.barraco.net
2271 McGREGOR BLVD., SUITE 100
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FORT MYERS, FLORIDA 33902-2800
PHONE (239) 461-3170
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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

PHONE (239) 278-1177
FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A15.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:47 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

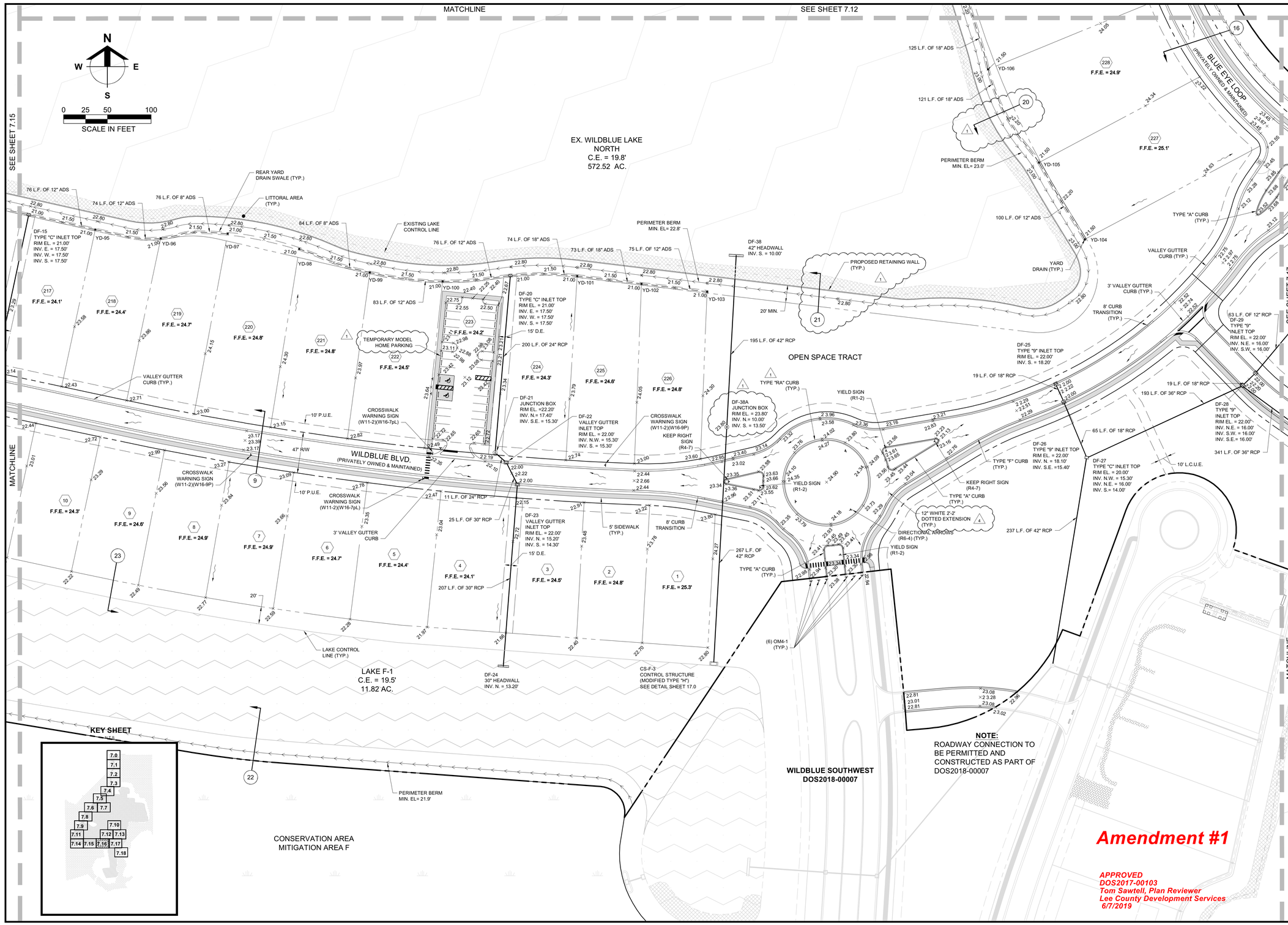
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.15

DOS2017-00103 Lee County ePlan



NOTE:
ROADWAY CONNECTION TO BE PERMITTED AND CONSTRUCTED AS PART OF DOS2018-00007

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11-12-18	D.O. AMENDMENT #1 CHANGES	1
05-16-19	D.O. COMMENTS DATED 05-16-19	4

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.16

DOS2017-00103 Lee County ePlan

MATCHLINE SEE SHEET 7.12

MATCHLINE SEE SHEET 7.13

CONSERVATION AREA
MITIGATION AREA E

5' SIDEWALK (TYP.)

361 L.F. OF 36" RCP

20 L.F. OF 36" RCP

DE-47
JUNCTION BOX
RIM EL. = 22.73'
INV. N.E. = 14.30'
INV. S.E. = 14.30'

DE-48
VALLEY GUTTER
INLET TOP
RIM EL. = 22.50'
INV. N.W. =14.40'
INV. S.E. = 15.40'

BLUE EYE LOOP
(PRIVATELY OWNED & MAINTAINED)

47' R/W

10' P.U.E.

(2) - 22' PARKING SPACES

3' VALLEY GUTTER CURB (TYP.)

21 L.F. OF 30" RCP

VALLEY GUTTER CURB (TYP.)

DE-49
VALLEY GUTTER
INLET TOP
RIM EL. = 22.50'
INV. N.W. = 15.40'
INV. S.E. = 15.40'

242 L.F. OF 24" RCP

15' D.E.

MAIL KIOSK

LIFT STATION
7893

OPTIONAL 6' PRIVACY WALL

DF-30
TYPE "C" INLET TOP
RIM EL. = 20.00'
INV. S.W.= 18.00'

OPEN SPACE
TRACT

F.F.E. = 25.3'

F.F.E. = 25.3'

F.F.E. = 25.0'

F.F.E. = 24.6'

F.F.E. = 24.8'

F.F.E. = 24.8'

YD-136

234 L.F. OF 12" ADS

YARD DRAIN (TYP.)

LITTORAL AREA (TYP.)

YD-137

REAR YARD DRAIN SWALE (TYP.)

101 L.F. OF 12" ADS

20' MIN.

YD-138

100 L.F. OF 18" ADS

YD-139

PROPOSED RETAINING WALL (TYP.)

EX. LAKE CONTROL LINE

101 L.F. OF 18" ADS

DE-50
TYPE "C" INLET TOP
RIM EL. = 21.50'
INV. N.W. = 18.00'
INV. N.E. = 18.00'
INV. S.W. = 18.00'

PERIMETER BERM
MIN. EL= 23.0'

89 L.F. OF 12" ADS

YD-140

101 L.F. OF 12" ADS

EX. WILDBLUE LAKE
NORTH
C.E. = 19.8'
572.52 AC.

SEE SHEET 7.16

MATCHLINE

BLUE BREEZE DRIVE

DF-32
TYPE "9"
INLET TOP
RIM EL. = 22.00'
INV. N.E. = 16.00'
INV. S.W. = 16.00'

DF-33
TYPE "C" INLET TOP
RIM EL. = 20.00
INV. S.W. = 18.00'

YD-141

342 L.F. OF 36" RCP

PERIMETER BERM (TYP.)

55 L.F. OF 12" RCP

17 L.F. OF 18" RCP

326 L.F. OF 30" RCP

DF-31
TYPE "9"
INLET TOP
RIM EL. = 22.00'
INV. N.W. = 16.00'
INV. N.E. = 16.00'
INV. S.E.= 18.00'

TYPE "F" CURB (TYP.)

DF-34
JUNCTION BOX
RIM EL. = 23.20'
INV. N.W. = 18.30'
INV. S.E. = 18.30'

5' SIDEWALK (TYP.)

326 L.F. OF 30" RCP

EX. WILDBLUE LAKE
SOUTH
C.E. = 19.3'
88.42 AC.

DF-36
TYPE "9" INLET TOP
RIM EL. = 22.00'
INV. S.W.= 18.30'

45' R/W

17 L.F. OF 18" RCP

327 L.F. OF 24" RCP

DF-35
TYPE "9" INLET TOP
RIM EL. = 22.00'
INV. N.W. = 18.30'
INV. N.E. = 18.30'
INV. S.E.= 18.30'

MATCHLINE SEE SHEET 7.18

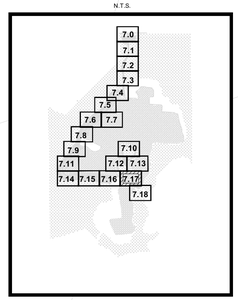
N
W E
S

0 25 50 100
SCALE IN FEET

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Lee County Development Services
6/7/2019

KEY SHEET
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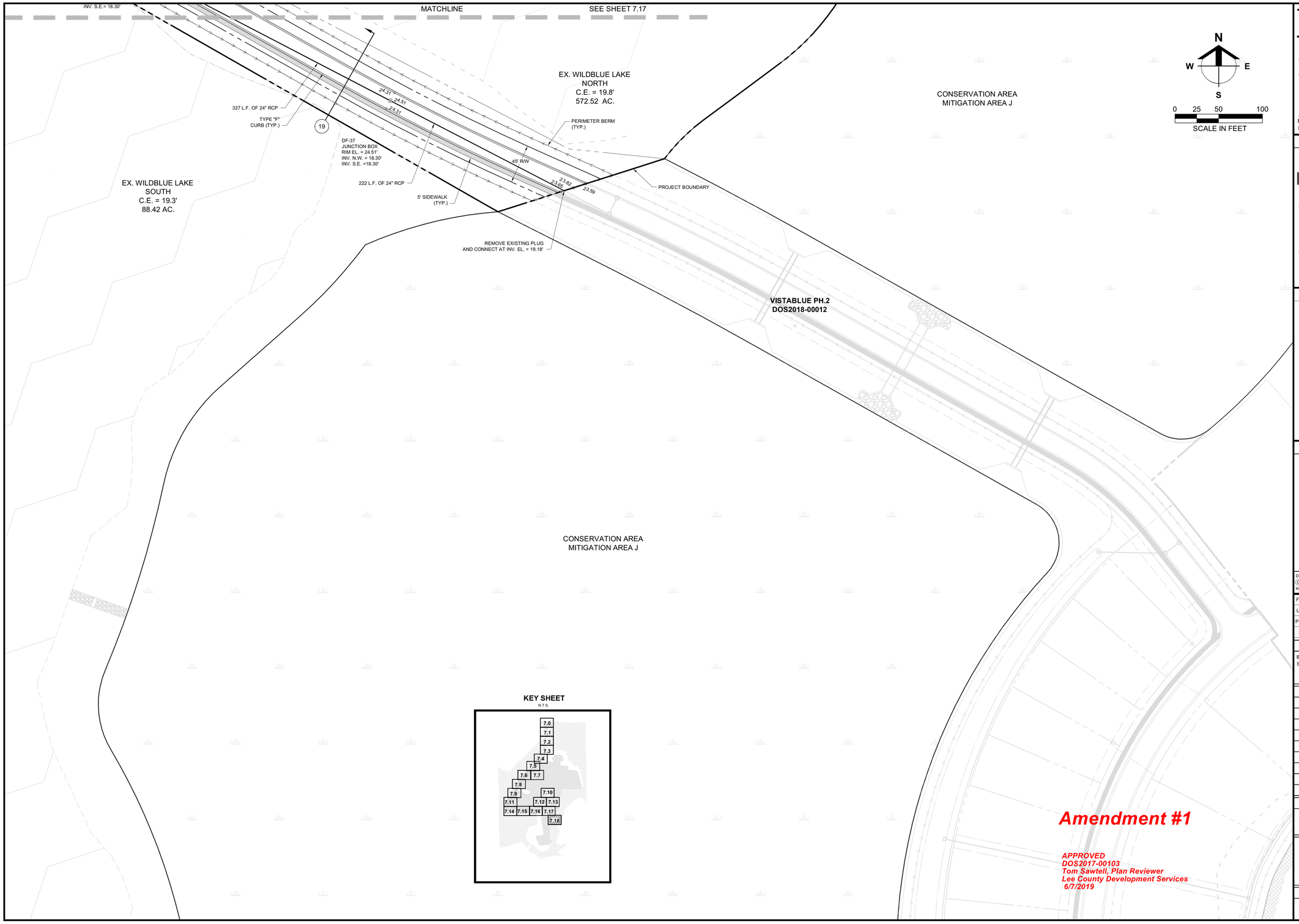
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.17

DOS2017-00103 Lee County ePlan



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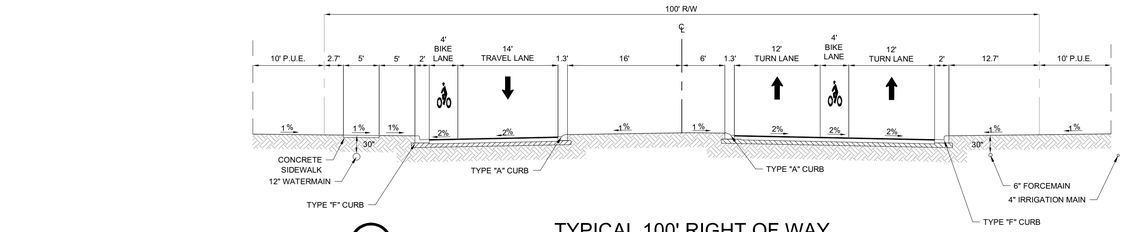
PLAN STATUS

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05-16-19

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

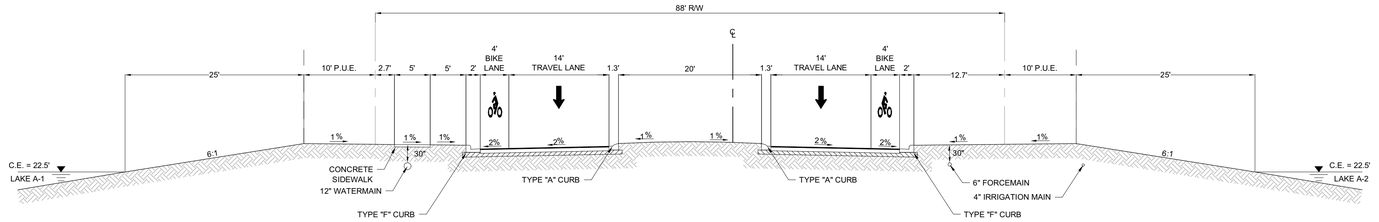
PROJECT / FILE NO.	SHEET NUMBER
23675	7.18

DOS2017-00103 Lee County ePlan



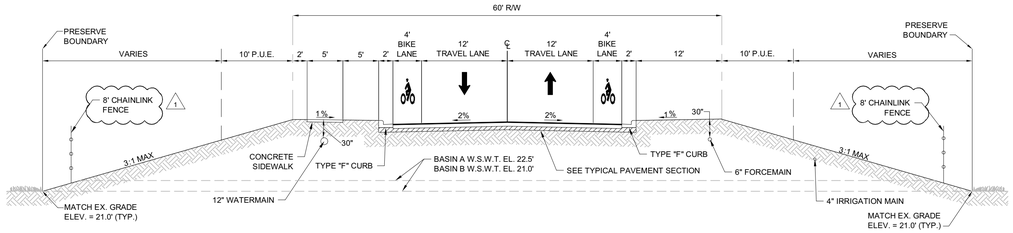
1 TYPICAL 100' RIGHT OF WAY

N.T.S.



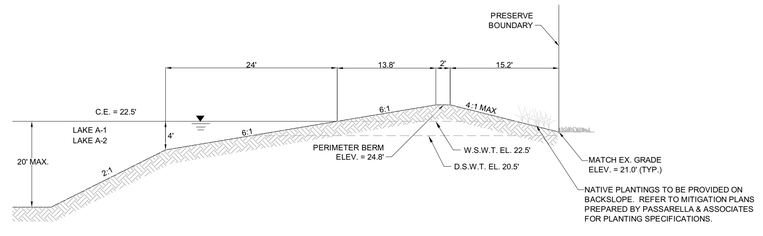
2 TYPICAL 88' RIGHT OF WAY WITH MEDIAN

N.T.S.



3 TYPICAL 60' RIGHT OF WAY WITHOUT MEDIAN

N.T.S.



4 BASIN A - LAKE TO PRESERVE

N.T.S.

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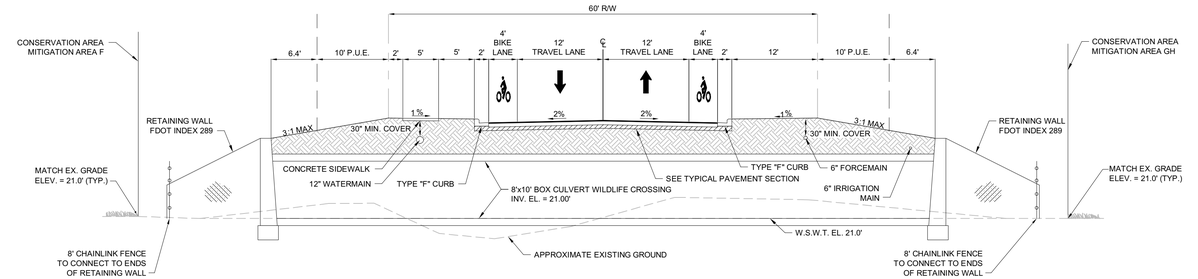
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

TYPICAL SECTIONS

PROJECT / FILE NO.	SHEET NUMBER
23675	8.0

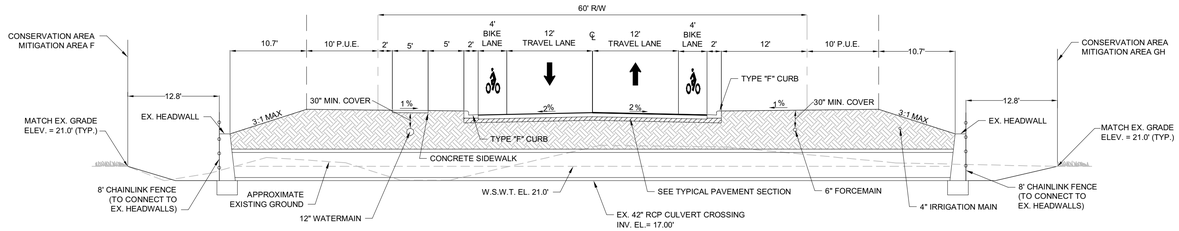
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1

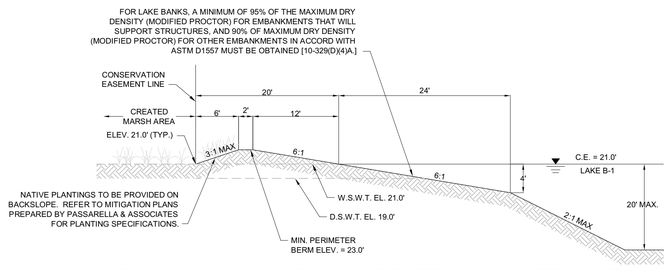
5 ENTRANCE ROAD AT WILDLIFE CROSSING

N.T.S.



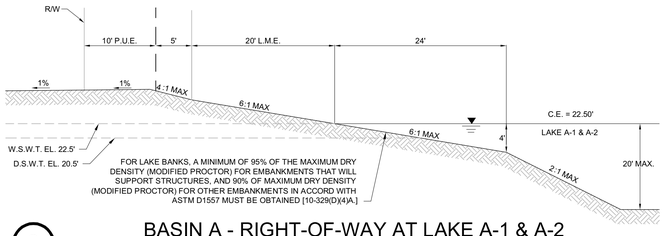
6 ENTRANCE ROAD AT EXISTING CULVERT CROSSING

N.T.S.



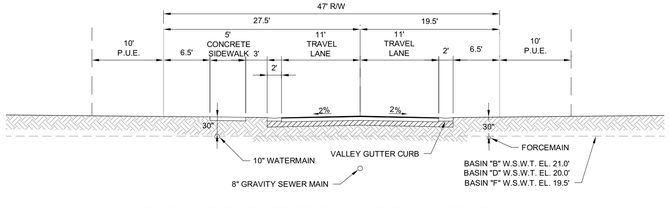
7 BASIN B - CREATED MARSH TO LAKE

N.T.S.



8 BASIN A - RIGHT-OF-WAY AT LAKE A-1 & A-2

N.T.S.

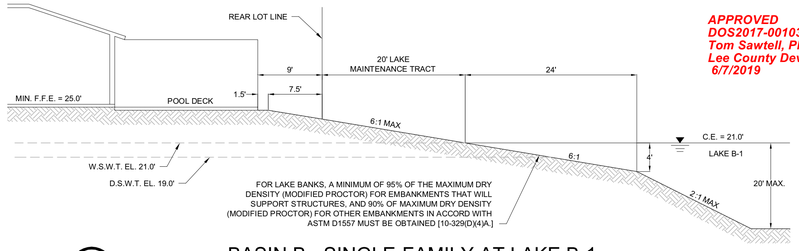


9 BASIN B,D,F - TYPICAL 47' R/W SECTION

N.T.S.

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Lee County Development Services
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10 BASIN B - SINGLE-FAMILY AT LAKE B-1

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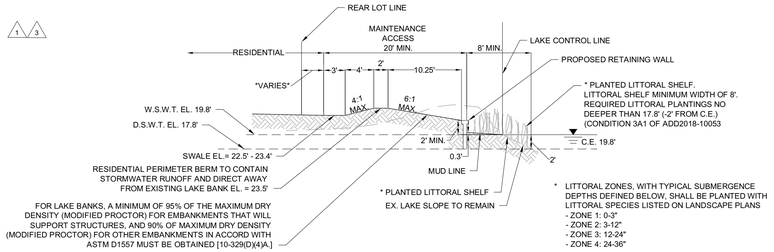
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

TYPICAL SECTIONS

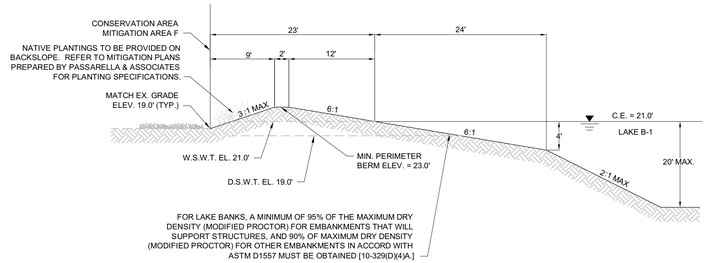
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DOS2017-00103 Lee County ePlan



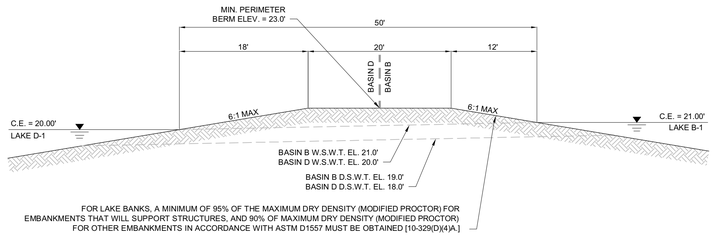
11 BASIN B: SINGLE- FAMILY TO EXISTING LAKE

N.T.S.



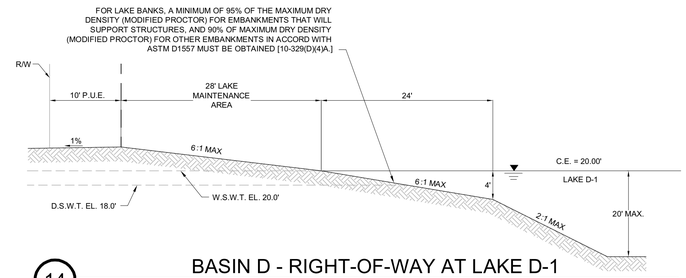
12 BASIN B - PRESERVE TO LAKE

N.T.S.



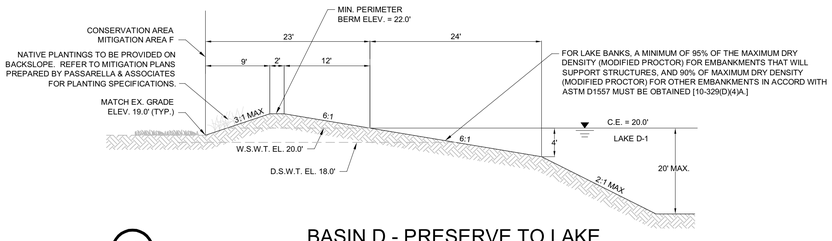
13 BASIN D TO BASIN B - LAKE AT LAKE

N.T.S.



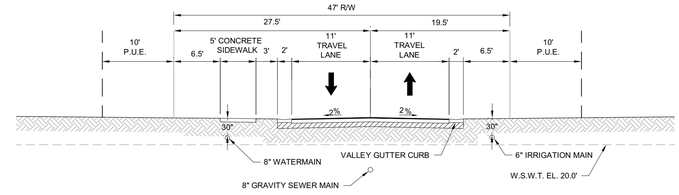
14 BASIN D - RIGHT-OF-WAY AT LAKE D-1

N.T.S.



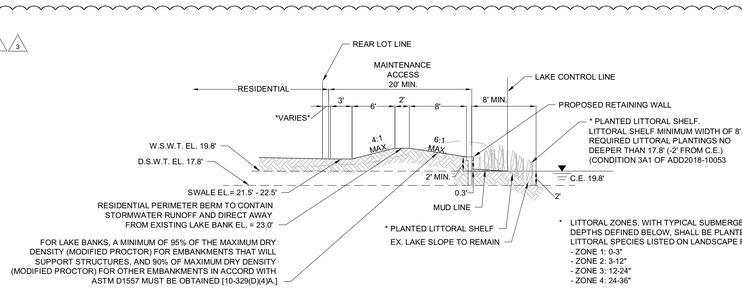
15 BASIN D - PRESERVE TO LAKE

N.T.S.



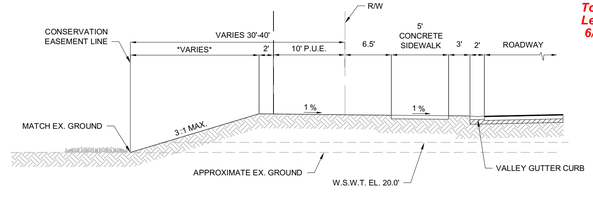
16 BASIN E- TYPICAL 47' R/W SECTION

N.T.S.



17 BASIN D: SINGLE- FAMILY TO EXISTING LAKE

N.T.S.



18 BASIN E - PRESERVE AT ROAD

N.T.S.

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:49 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

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02-06-19	D.O. COMMENTS DATED 02-04-19 (3)

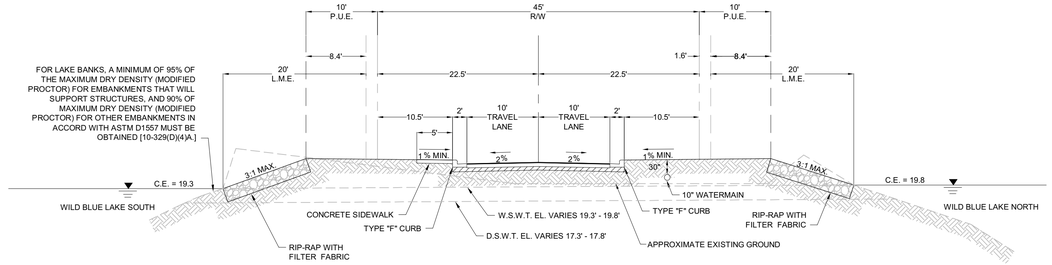
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

TYPICAL SECTIONS

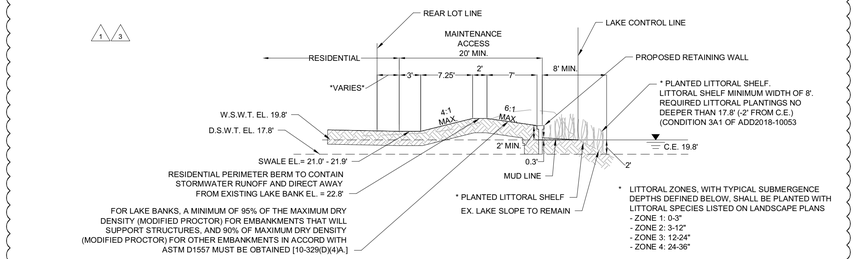
PROJECT / FILE NO.	SHEET NUMBER
23675	8.2

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19 TYPICAL 45' RIGHT OF WAY AT LAKE

N.T.S.

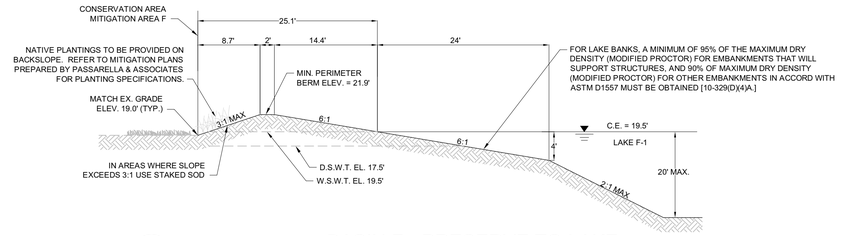


21 BASIN F: SINGLE- FAMILY TO EXISTING LAKE

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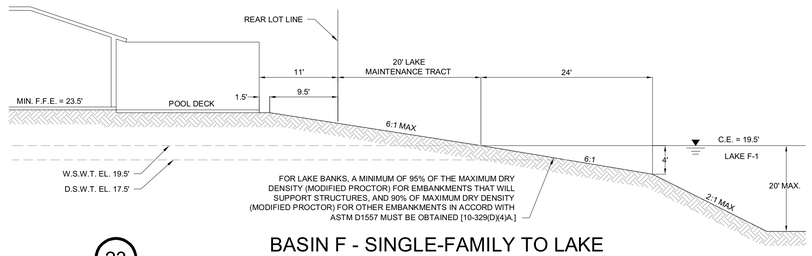
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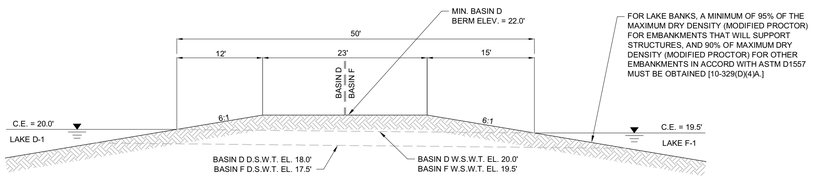
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N.T.S.



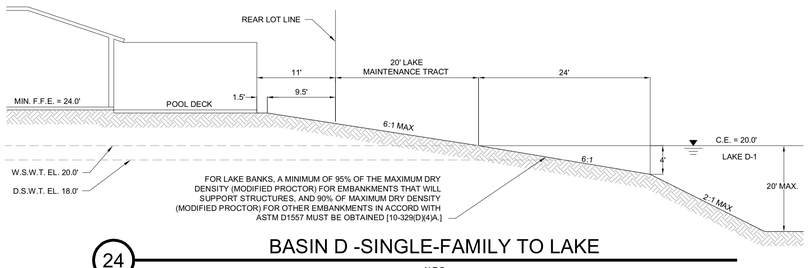
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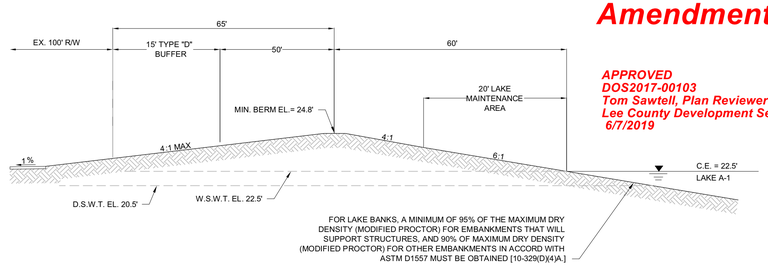
25 BASIN D LAKE TO BASIN F LAKE

N.T.S.



24 BASIN D -SINGLE-FAMILY TO LAKE

N.T.S.



26 ALICO RIGHT-OF-WAY TO BERM TO LAKE A-1

N.T.S.

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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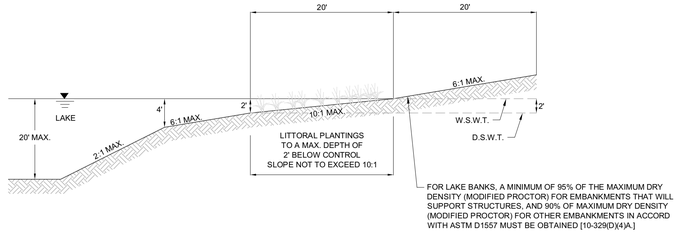
PLAN STATUS

D.O. AMENDMENT #1
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TYPICAL SECTIONS

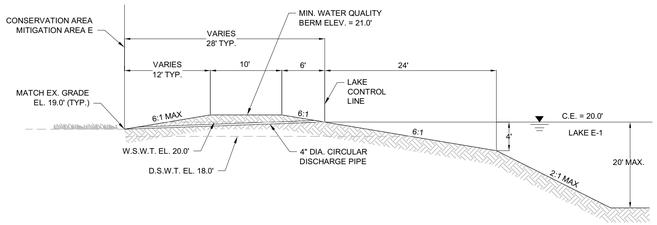
PROJECT / FILE NO.	SHEET NUMBER
23675	8.3

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27 LAKE LITTORAL ZONE

N.T.S.



28 BASIN E - PRESERVE TO LAKE

N.T.S.

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PLAN REVISIONS

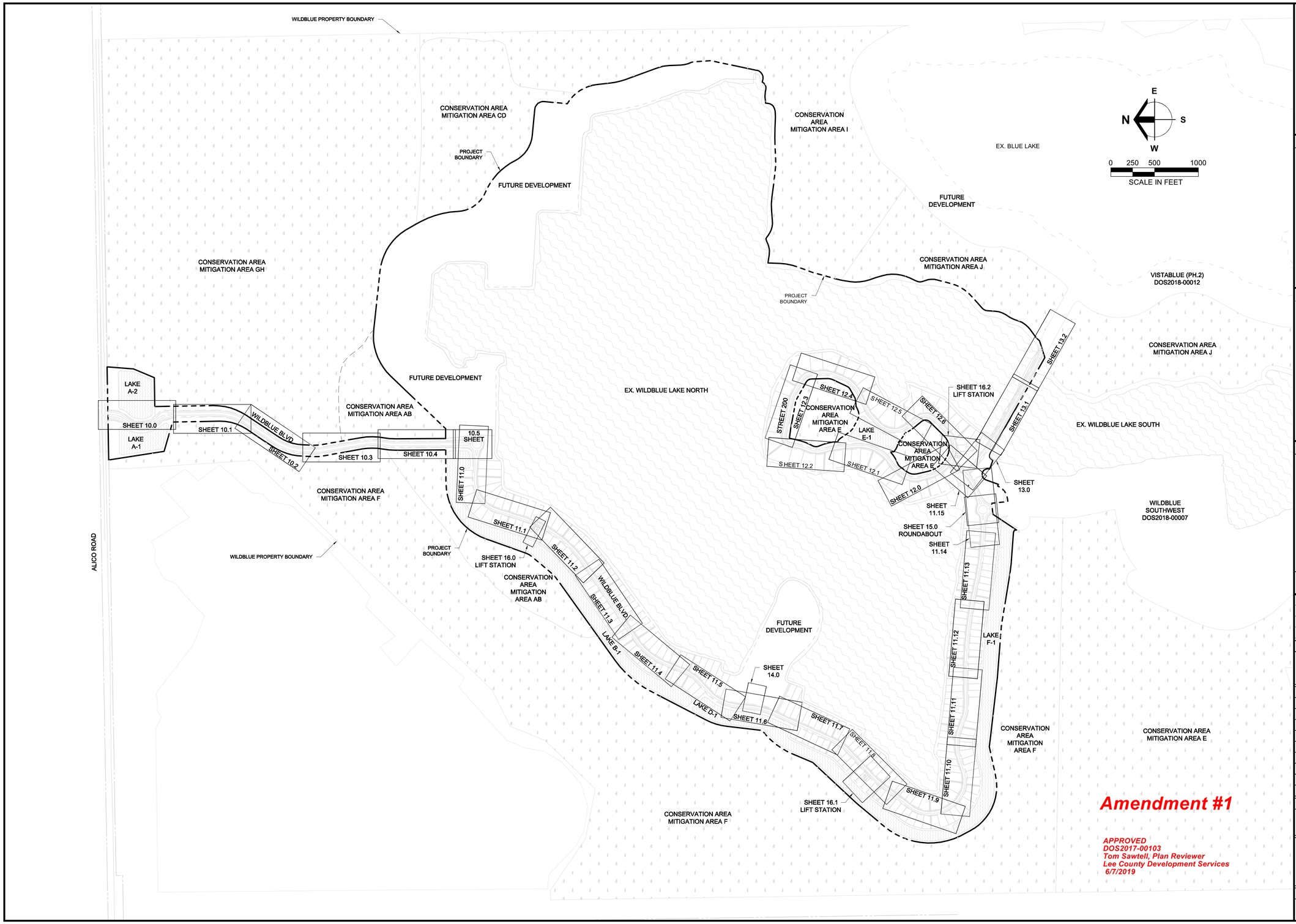
PLAN STATUS

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TYPICAL SECTIONS

PROJECT / FILE NO.	SHEET NUMBER
23675	8.4

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CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

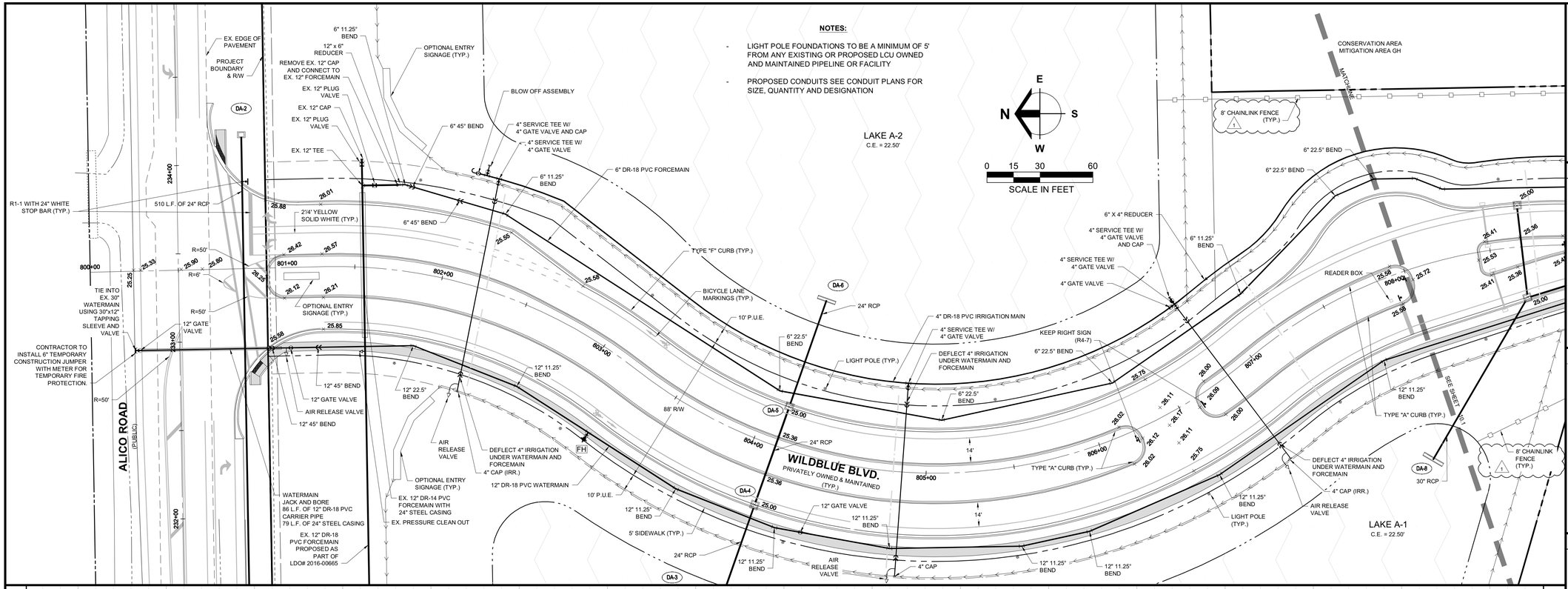
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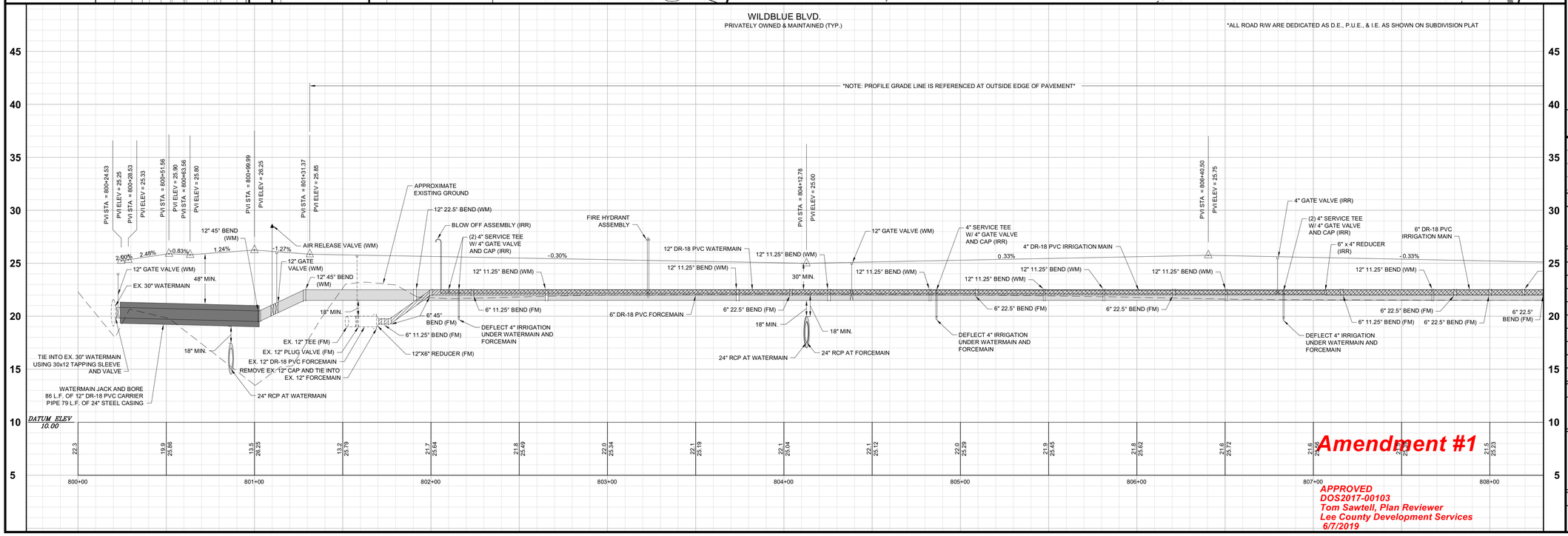
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NOTES:

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*ALL ROAD R/W ARE DEDICATED AS D.E., P.U.E., & I.E. AS SHOWN ON SUBDIVISION PLAT



APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

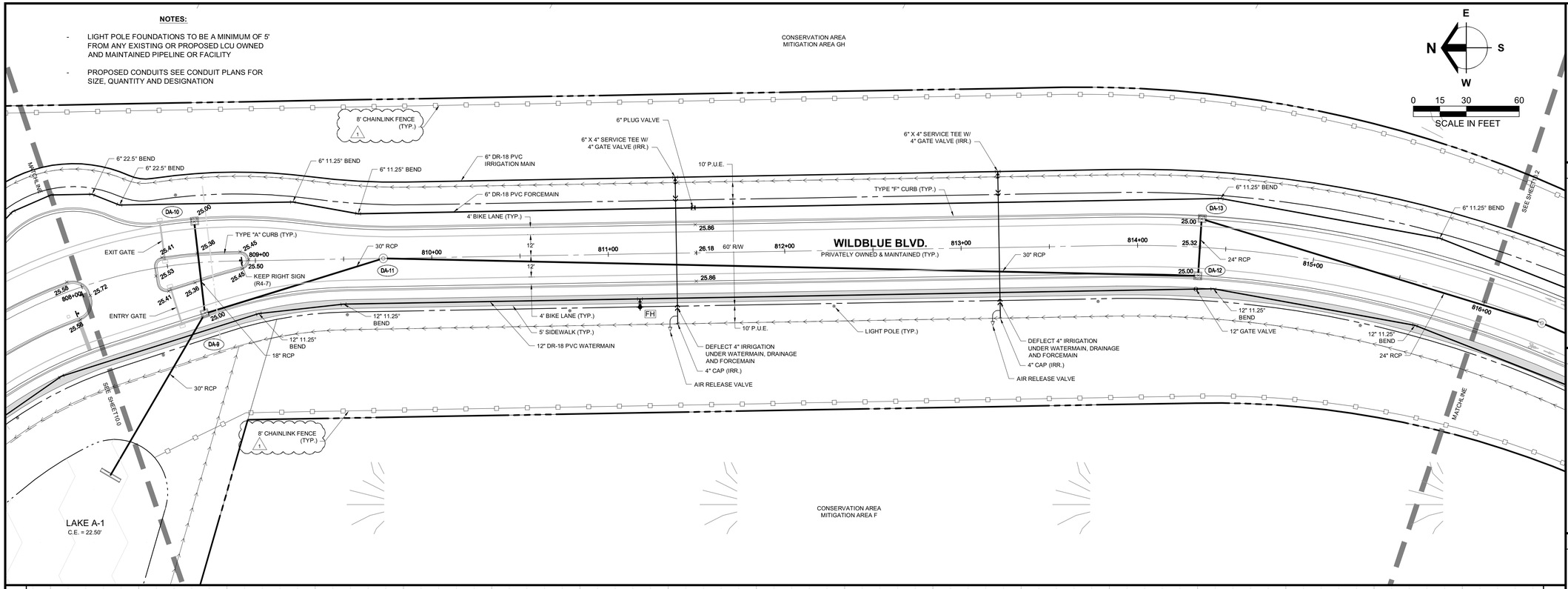
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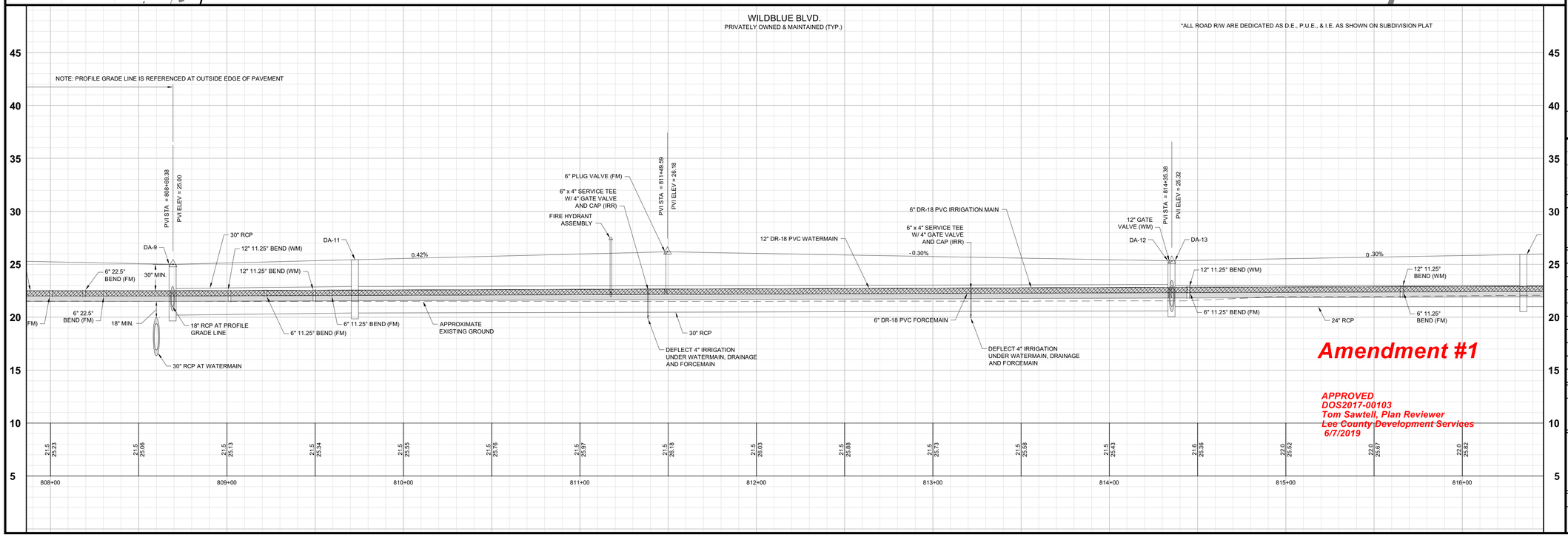
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DOS2017-00103 Lee County ePlan

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Amendment #1

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DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PLAN REVISIONS

11-12-18	D.O. AMENDMENT # 1 CHANGES 1

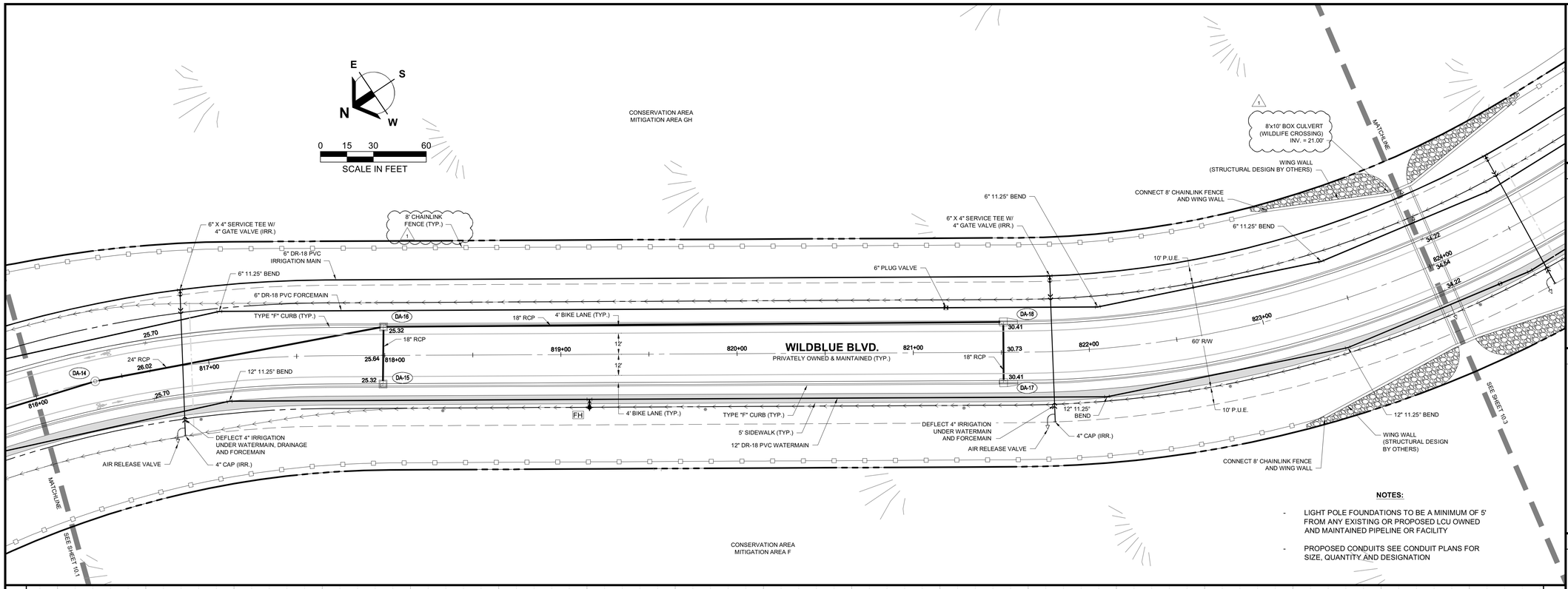
PLAN STATUS

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PLAN AND PROFILE WILDBLUE BLVD. STA: 808+00 TO 816+00

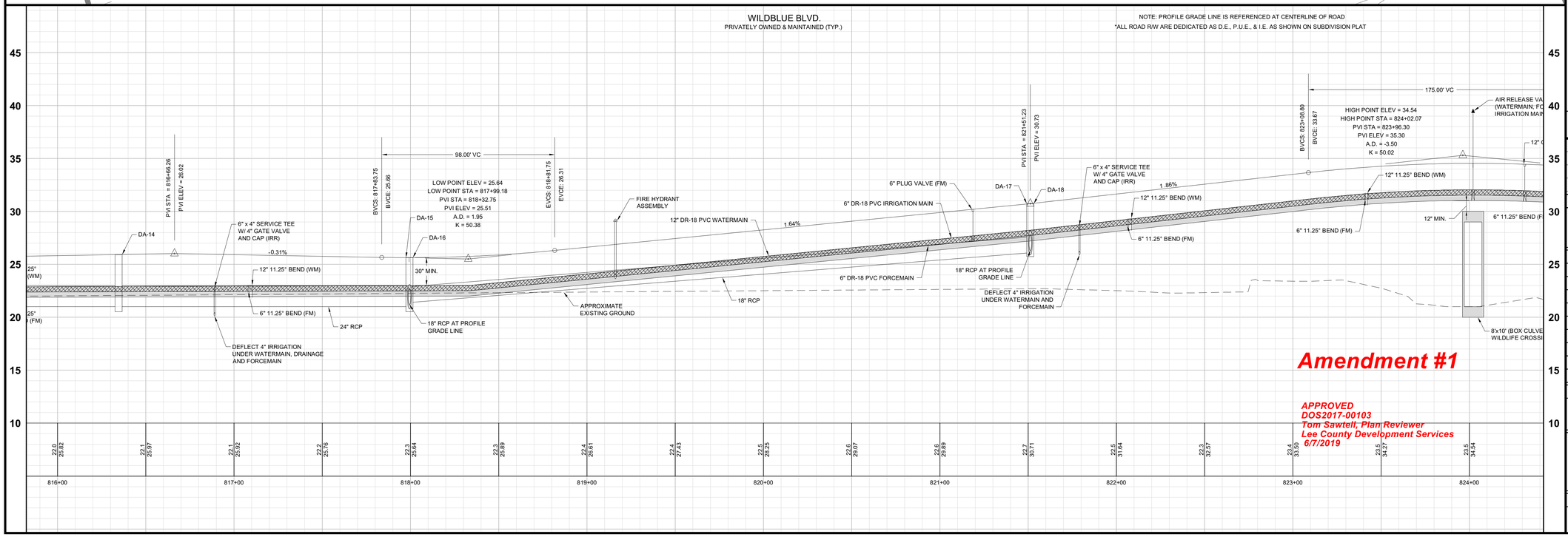
PROJECT / FILE NO.	SHEET NUMBER
23675	10.1

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PLAN REVISIONS

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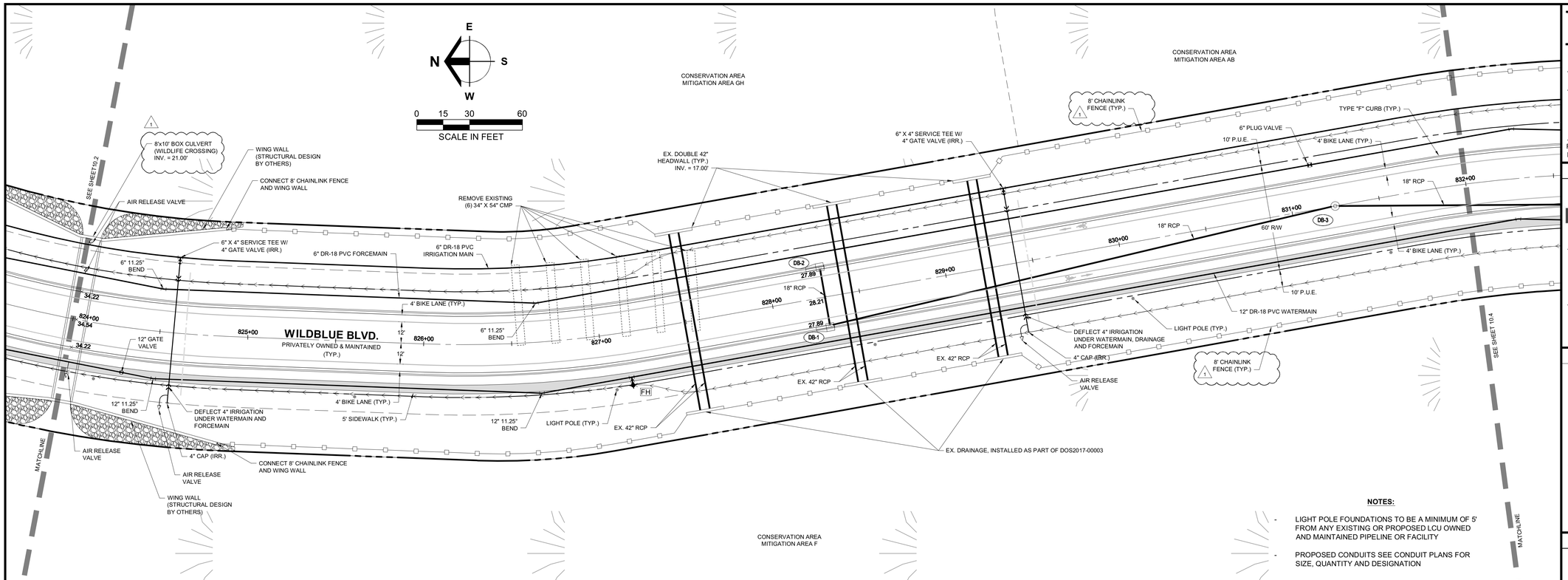
PLAN STATUS

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PLAN AND PROFILE WILDBLUE BLVD. STA: 816+00 TO 824+00

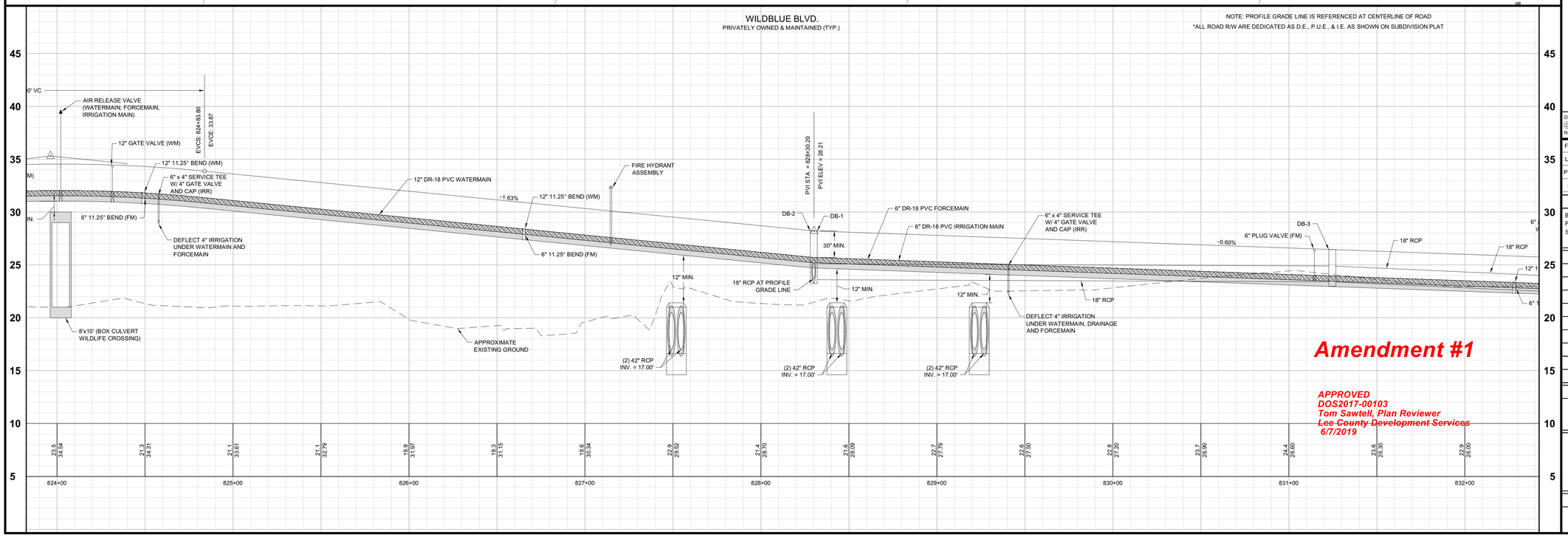
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DOS2017-00103 Lee County ePlan



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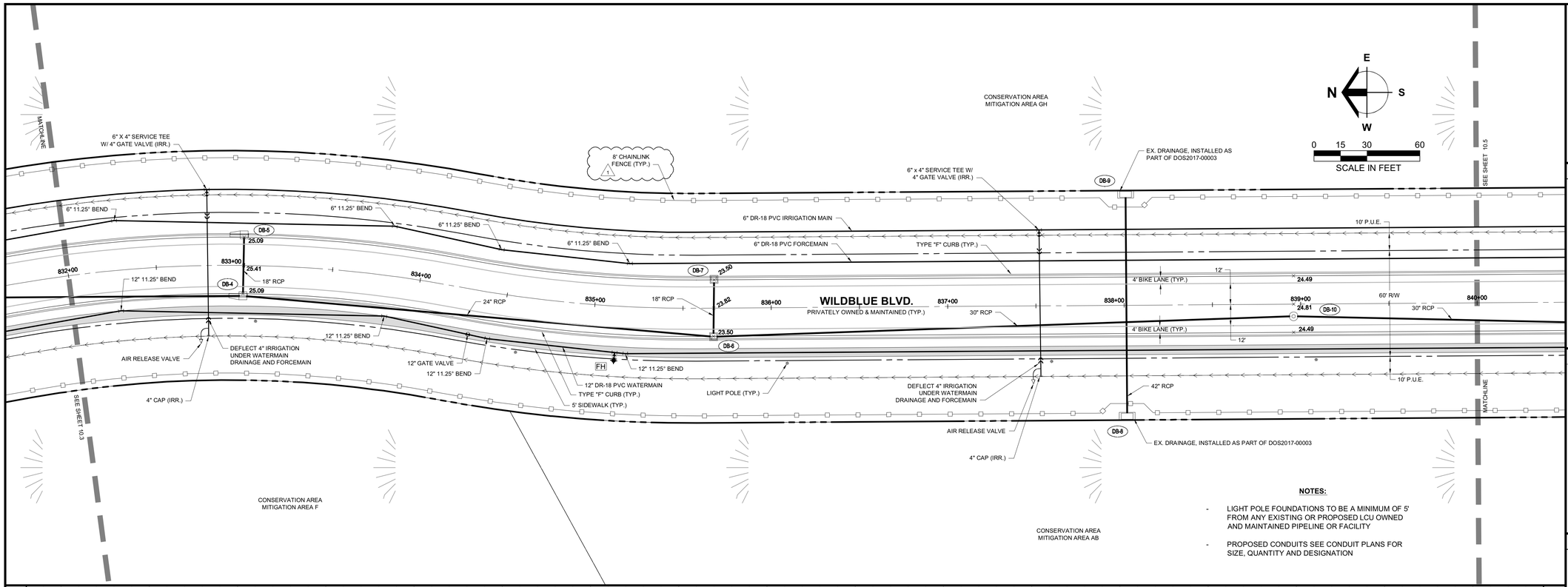
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PLAN AND PROFILE WILDBLUE BLVD. STA: 824+00 TO 832+00

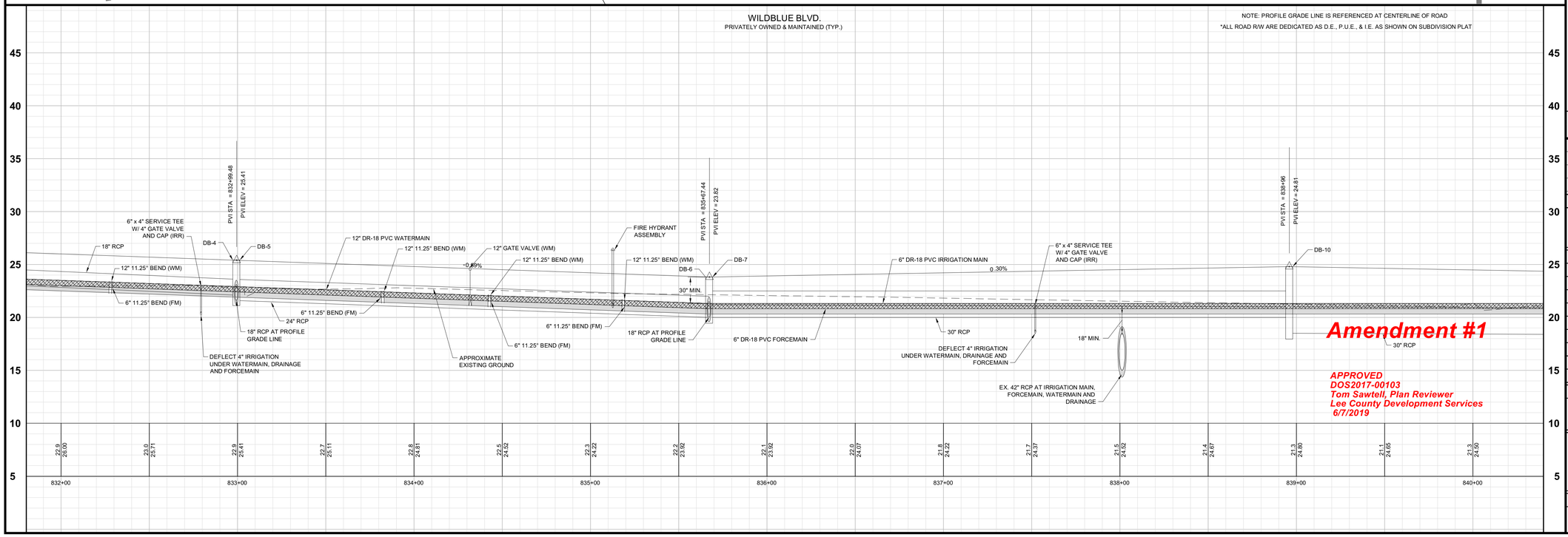
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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A30A.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:51 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

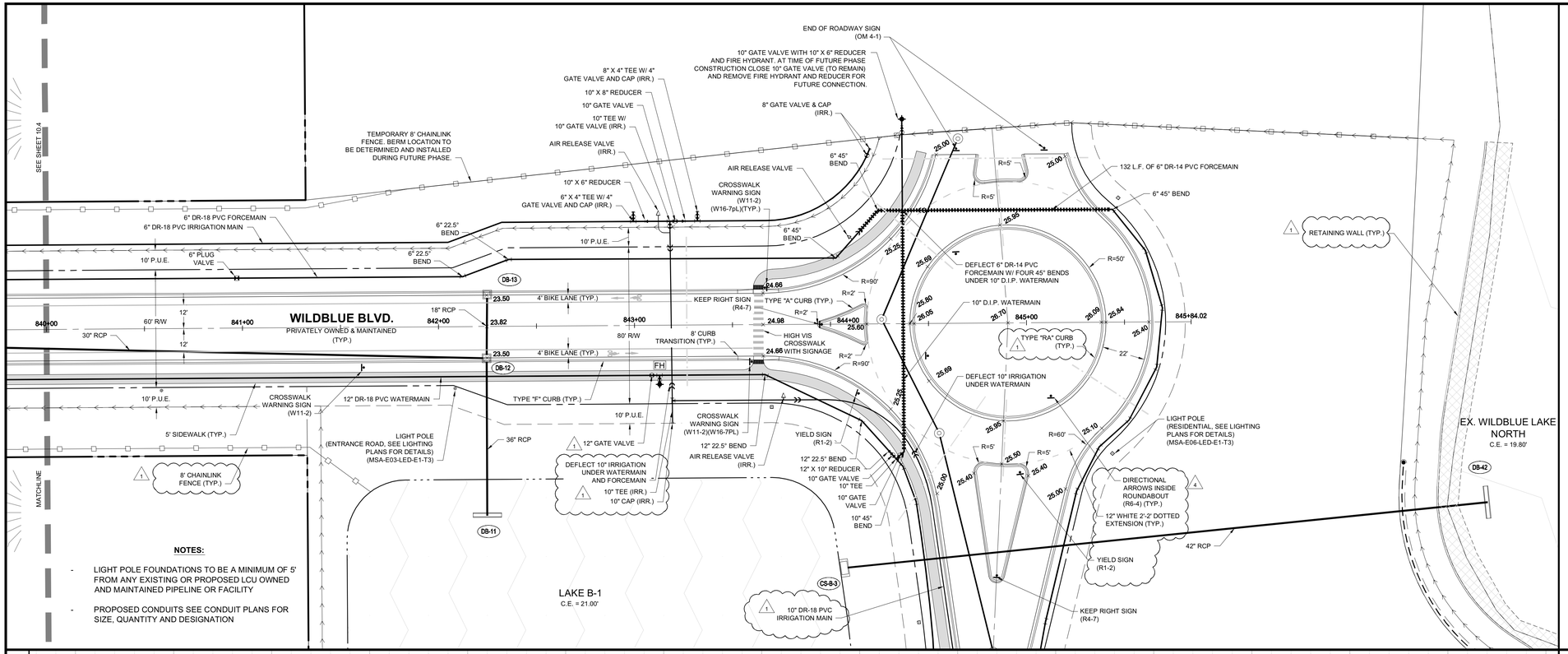
PLAN STATUS

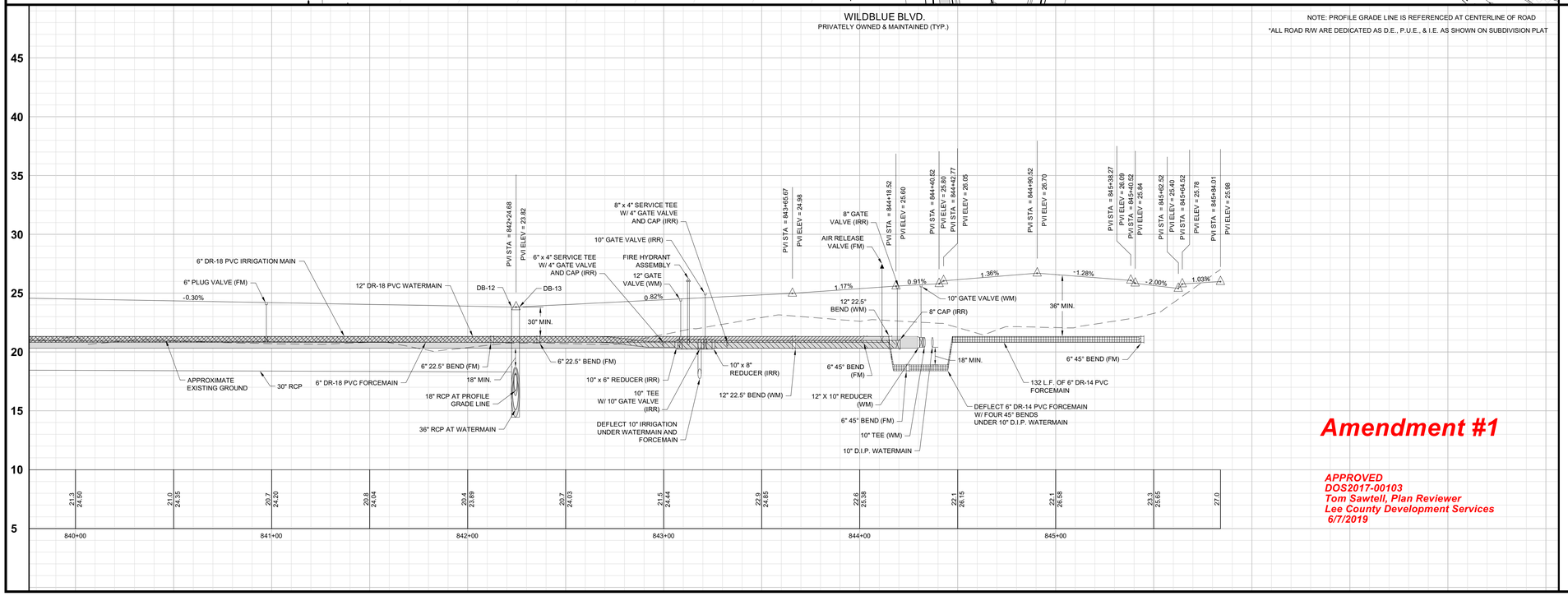
D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE WILDBLUE BLVD. STA: 832+00 TO 840+00

PROJECT / FILE NO.	SHEET NUMBER
23675	10.4

DOS2017-00103 Lee County ePlan





Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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ENGINEERING 7995 - SURVEYING LB-6940

E N S W

0 15 30 60
SCALE IN FEET

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

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PROJECT DESCRIPTION

WildBlue

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PLOT DATE	FRI. 5-17-2019 - 8:08 AM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)
05-16-19	D.O. COMMENTS DATED 05-16-19 (2)

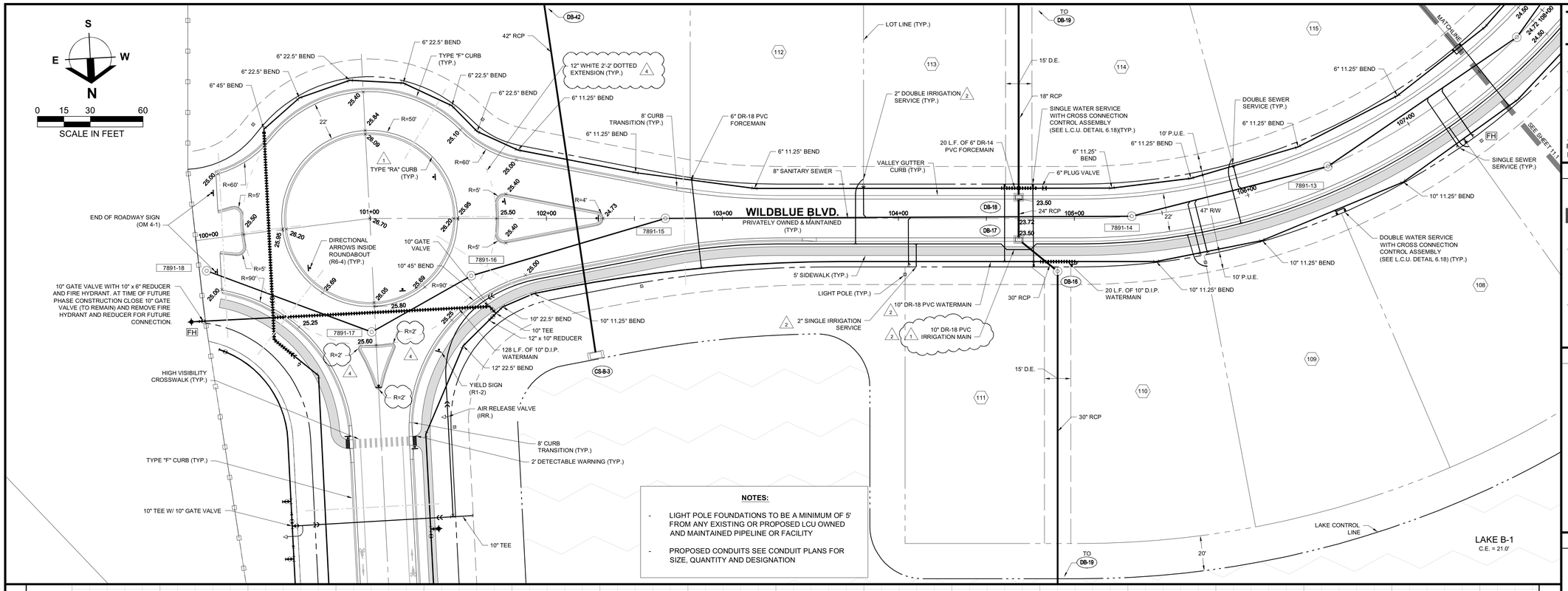
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE WILDBLUE BLVD. STA: 840+00 TO END

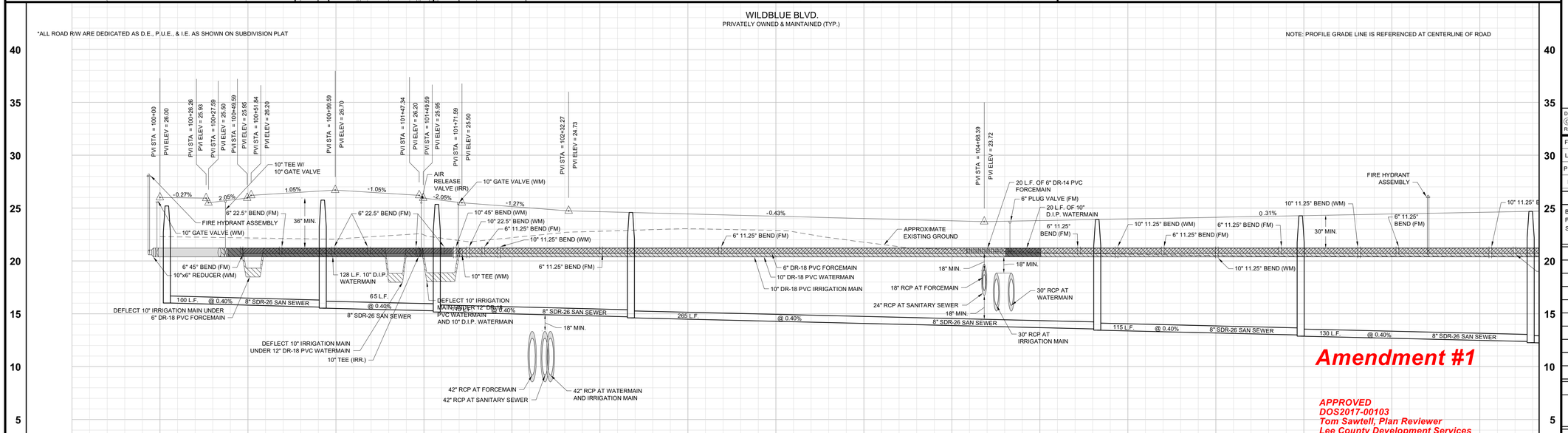
PROJECT / FILE NO.	SHEET NUMBER
23675	10.5

DOS2017-00103 Lee County ePlan



NOTES:

- LIGHT POLE FOUNDATIONS TO BE A MINIMUM OF 5' FROM ANY EXISTING OR PROPOSED LCU OWNED AND MAINTAINED PIPELINE OR FACILITY
- PROPOSED CONDUITS SEE CONDUIT PLANS FOR SIZE, QUANTITY AND DESIGNATION



Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WildBlue

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ENGINEER OF RECORD

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CROSS REFERENCED DRAWINGS

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PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES	1
02-02-19	L.C.U. COMMENTS DATED 02-01-19	2
05-16-19	D.O. COMMENTS DATED 05-16-19	4

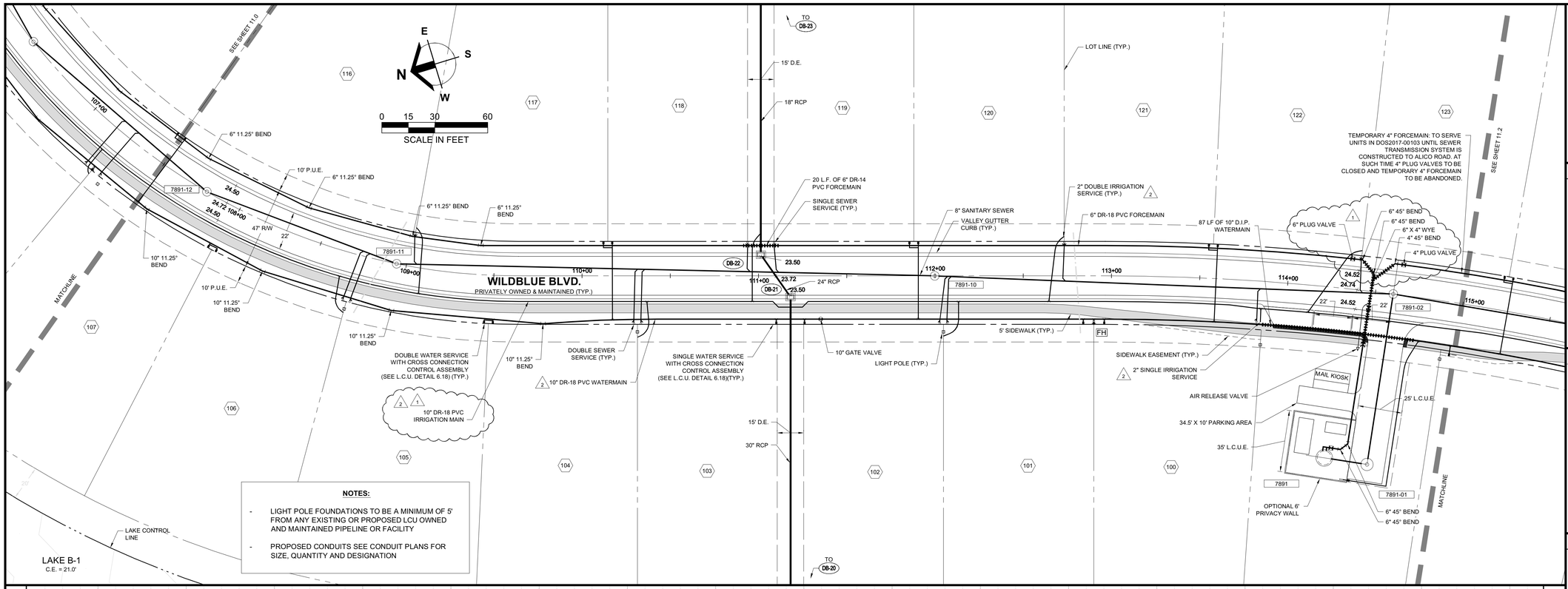
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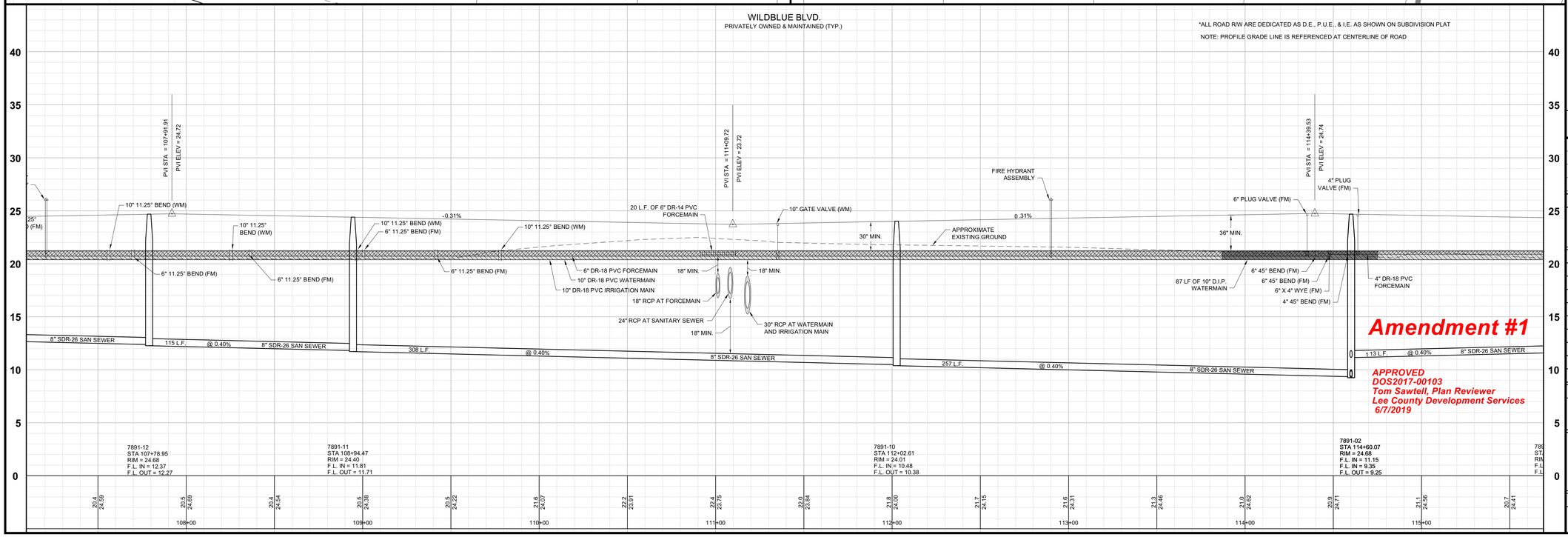
D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE WILDBLUE BLVD. STA: 100+00 TO 107+50

PROJECT / FILE NO.	SHEET NUMBER
23675	11.0

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PROJECT DESCRIPTION

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PLOT DATE	THU. 5-16-2019 - 4:52 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES	1
02-02-19	L.C.U. COMMENTS DATED 02-01-19	2

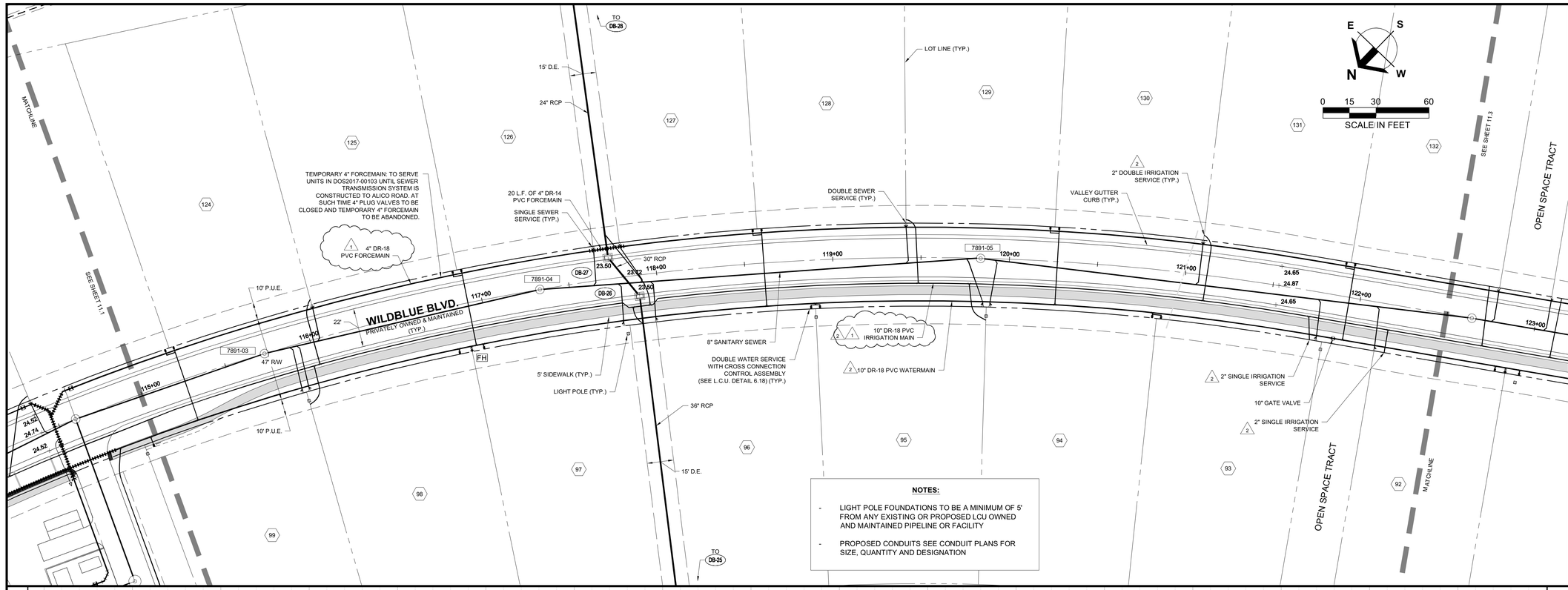
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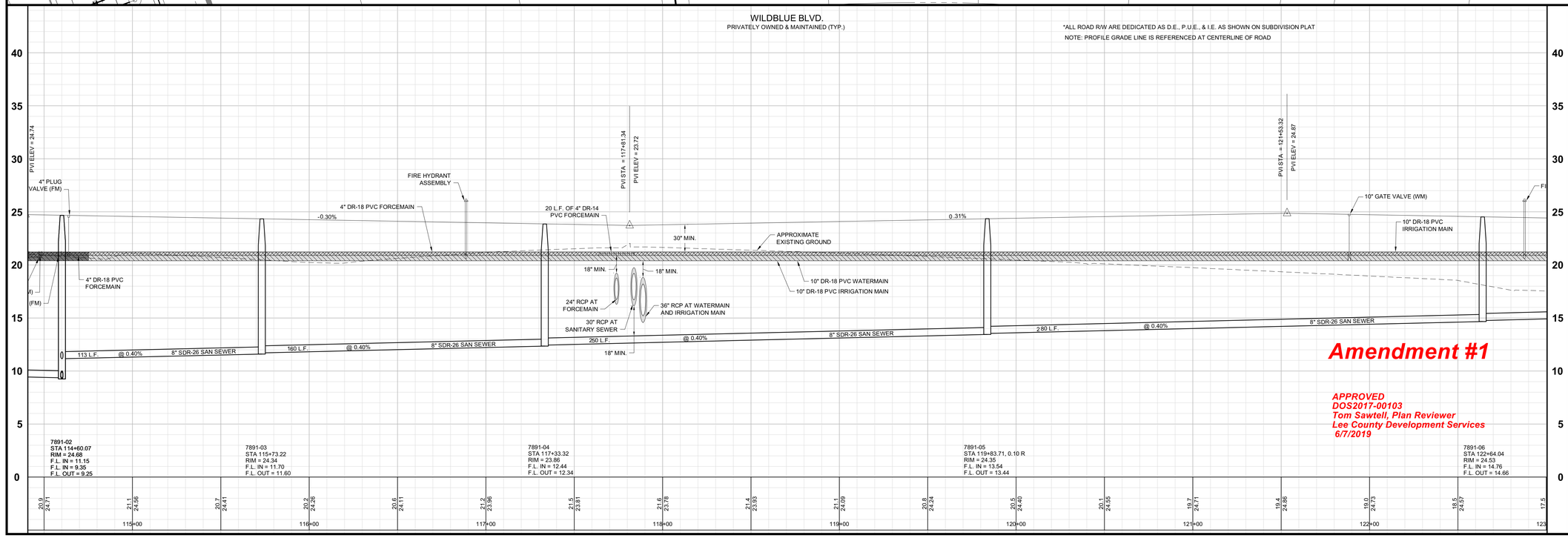
D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE WILDBLUE BLVD. STA: 107+50 TO 115+00

PROJECT / FILE NO.	SHEET NUMBER
23675	11.1

DOS2017-00103 Lee County ePlan





Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WildBlue

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ENGINEER OF RECORD

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1
02-02-19	L.C.U. COMMENTS DATED 02-01-19 2

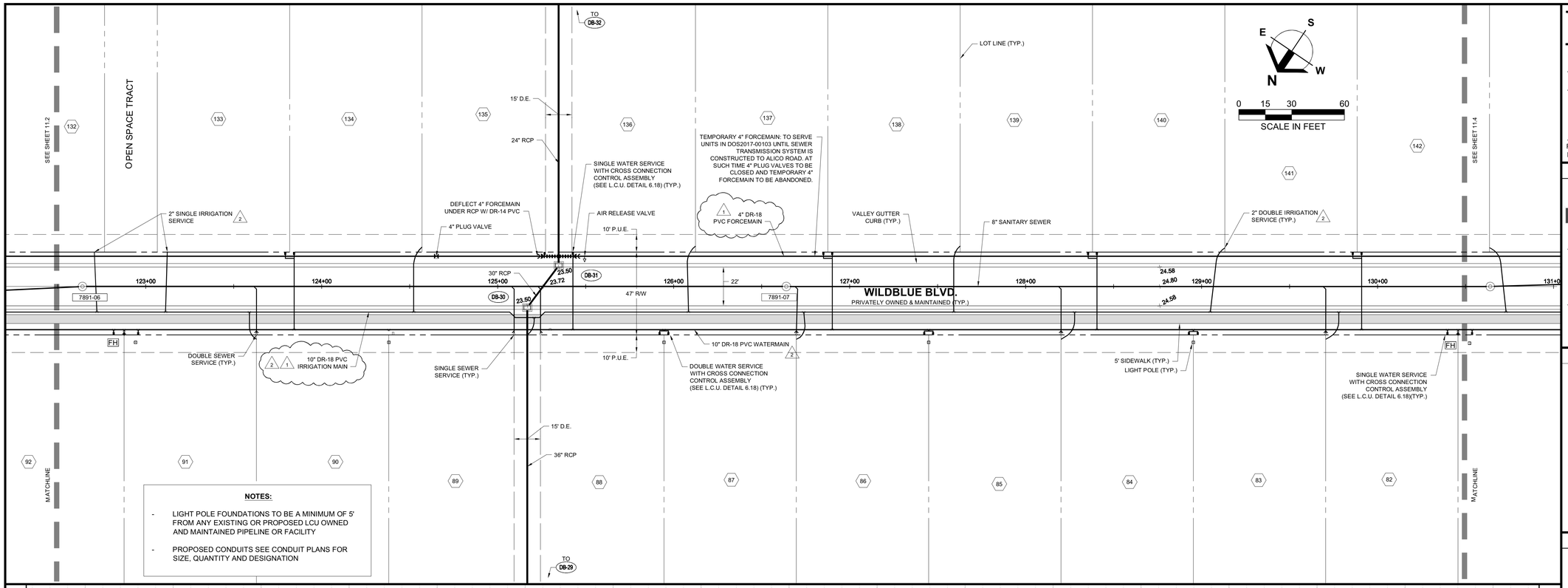
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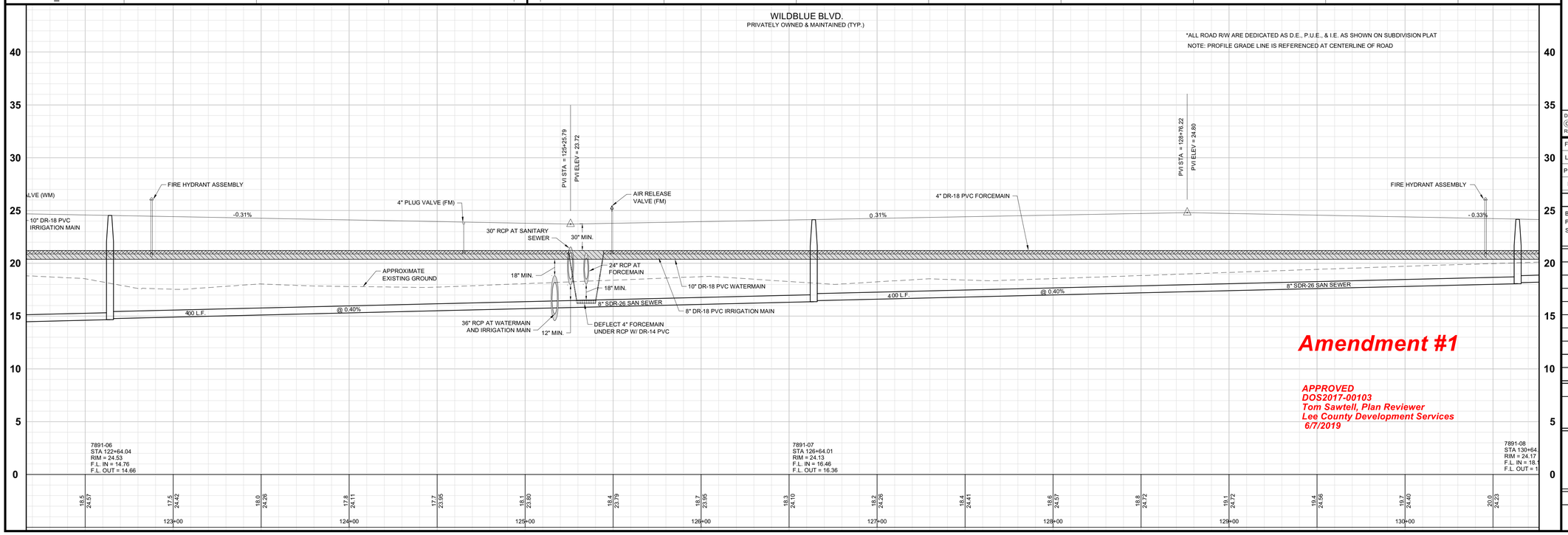
D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE WILDBLUE BLVD. STA: 115+00 TO 122+50

PROJECT / FILE NO.	SHEET NUMBER
23675	11.2

DOS2017-00103 Lee County ePlan





Amendment #1

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DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
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PLOT DATE	THU. 5-16-2019 - 4:52 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)
02-02-19	L.C.U. COMMENTS DATED 02-01-19 (2)

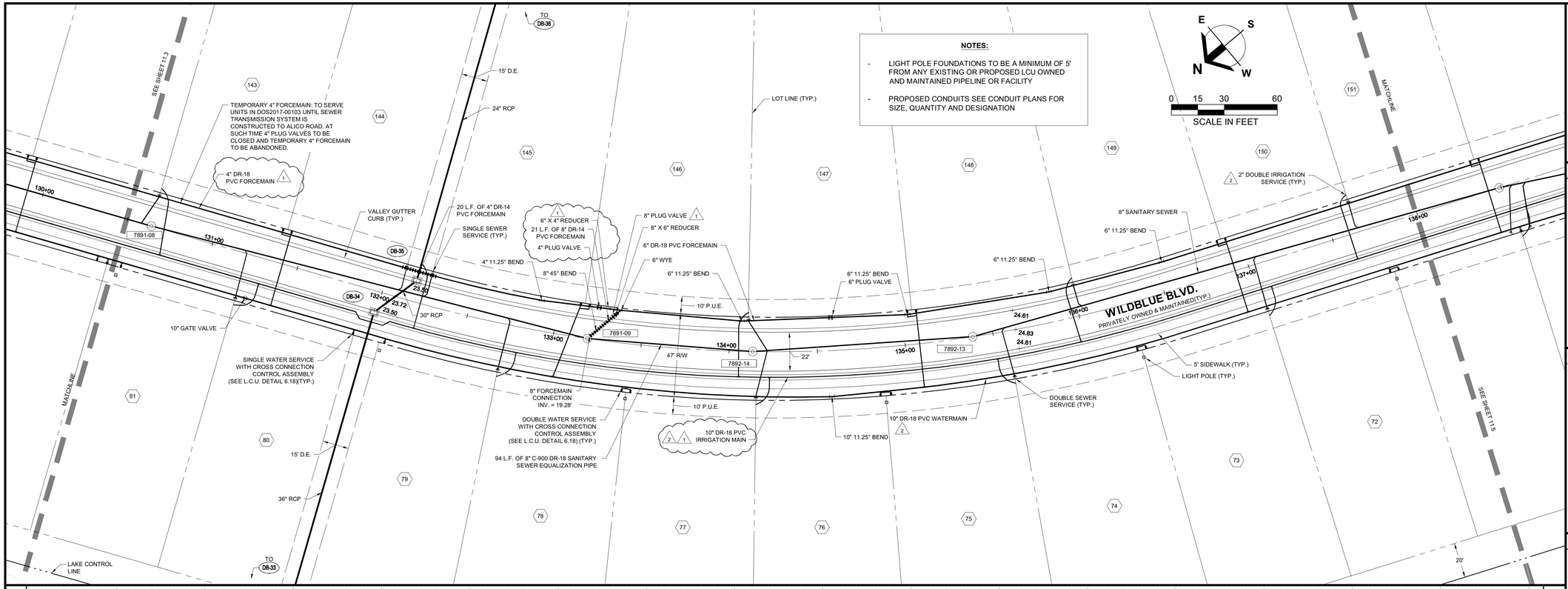
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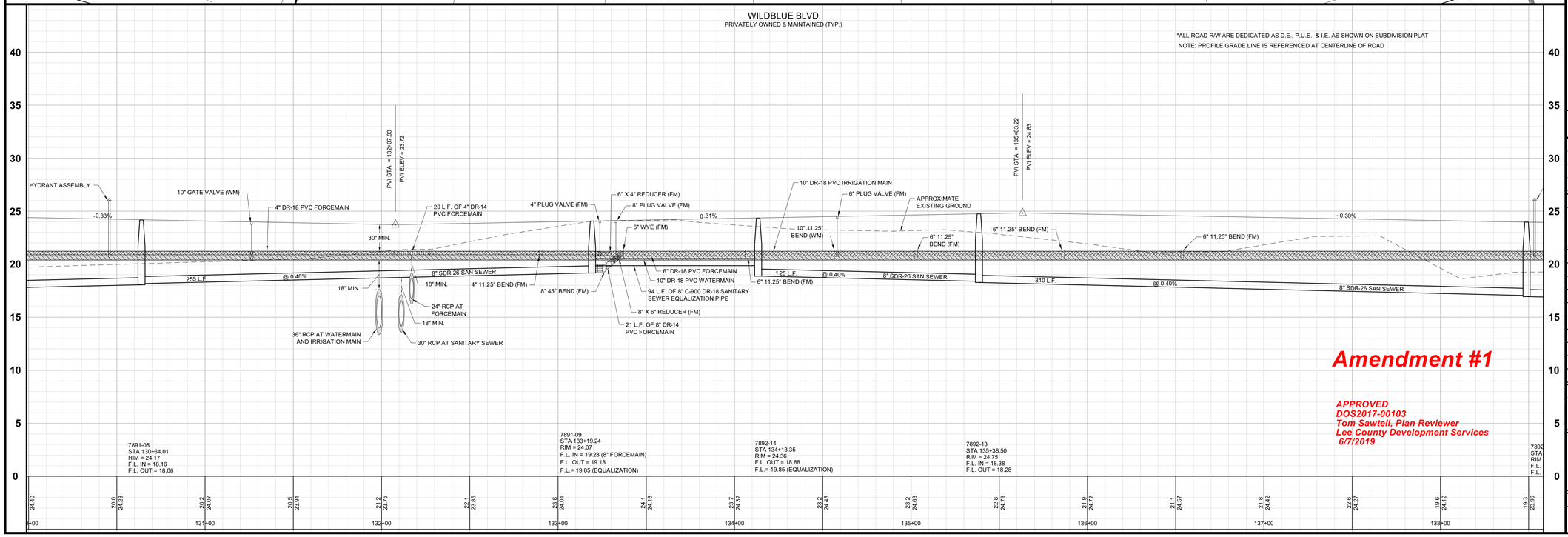
D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE WILDBLUE BLVD. STA: 122+50 TO 130+50

PROJECT / FILE NO.	SHEET NUMBER
23675	11.3

DOS2017-00103 Lee County ePlan





Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT DATE	THU. 5-16-2019 - 4:52 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)
02-02-19	L.C.U. COMMENTS DATED 02-01-19 (2)

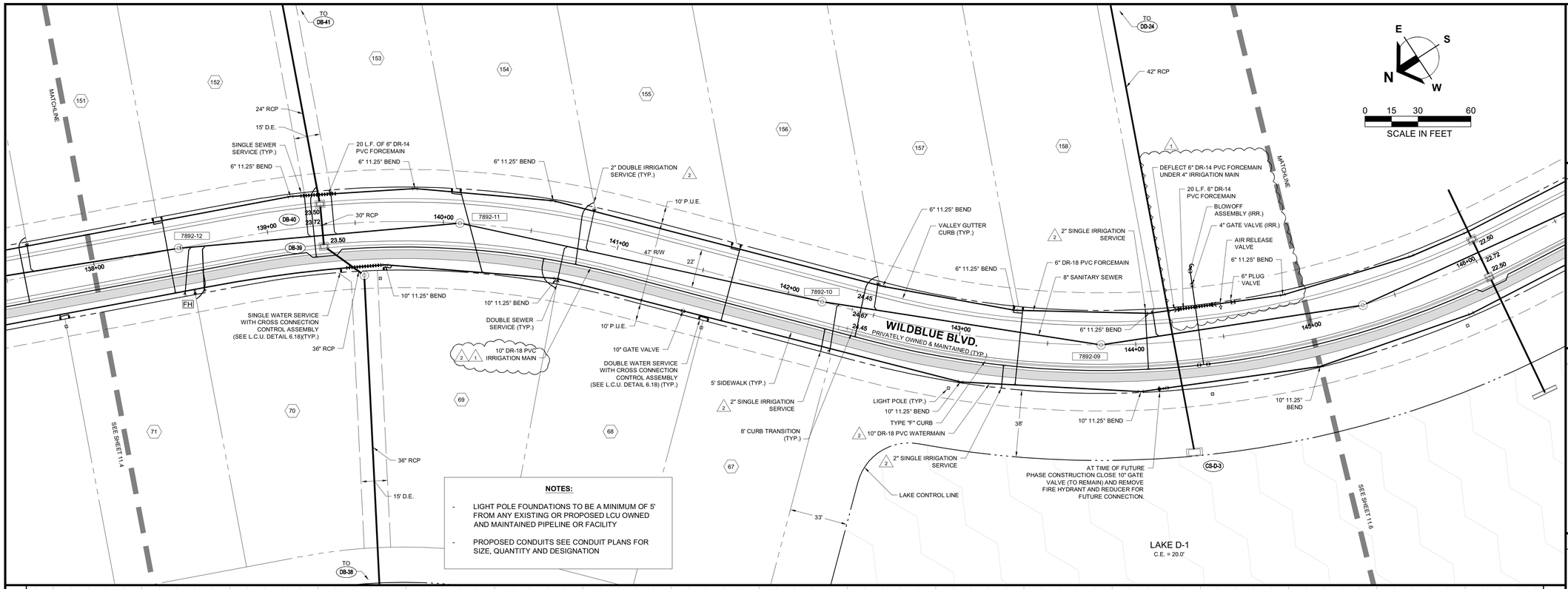
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE WILDBLUE BLVD. STA: 130+50 TO 138+00

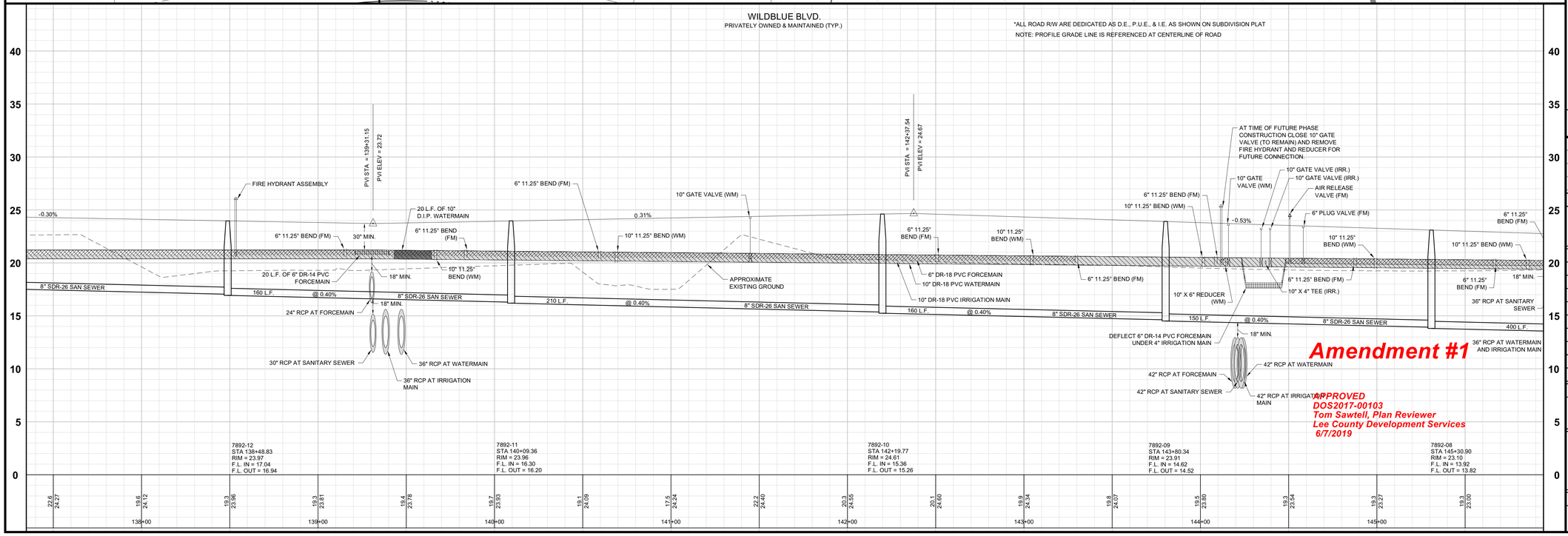
PROJECT / FILE NO.	SHEET NUMBER
23675	11.4

DOS2017-00103 Lee County ePlan



NOTES:

- LIGHT POLE FOUNDATIONS TO BE A MINIMUM OF 5' FROM ANY EXISTING OR PROPOSED LCU OWNED AND MAINTAINED PIPELINE OR FACILITY
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Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
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6/7/2019

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PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES	1
02-02-19	L.C.U. COMMENTS DATED 02-01-19	2

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

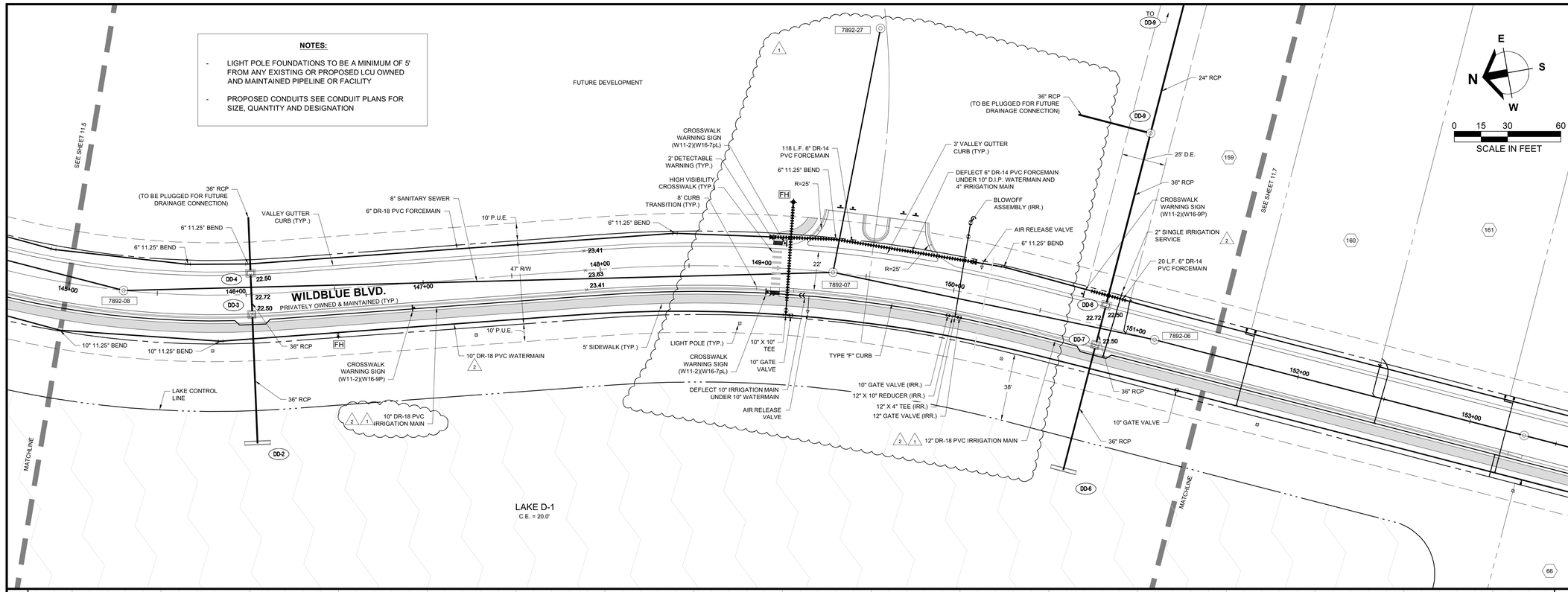
PLAN AND PROFILE WILDBLUE BLVD. STA: 138+00 TO 145+00

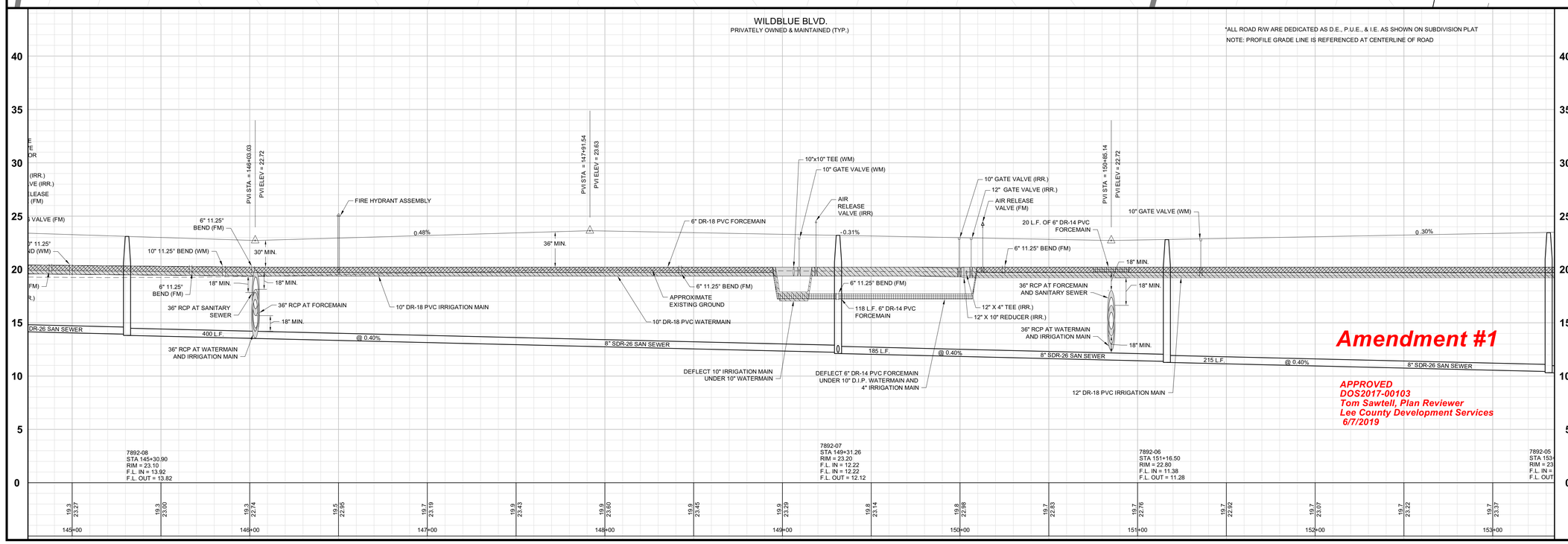
PROJECT / FILE NO.	SHEET NUMBER
23675	11.5

DOS2017-00103 Lee County ePlan

NOTES:

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Amendment #1

APPROVED
DOS2017-00103
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Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

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ENGINEER OF RECORD

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PLOT BY	SCOTT WHEELER JR

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PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)
02-02-19	L.C.U. COMMENTS DATED 02-01-19 (2)

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

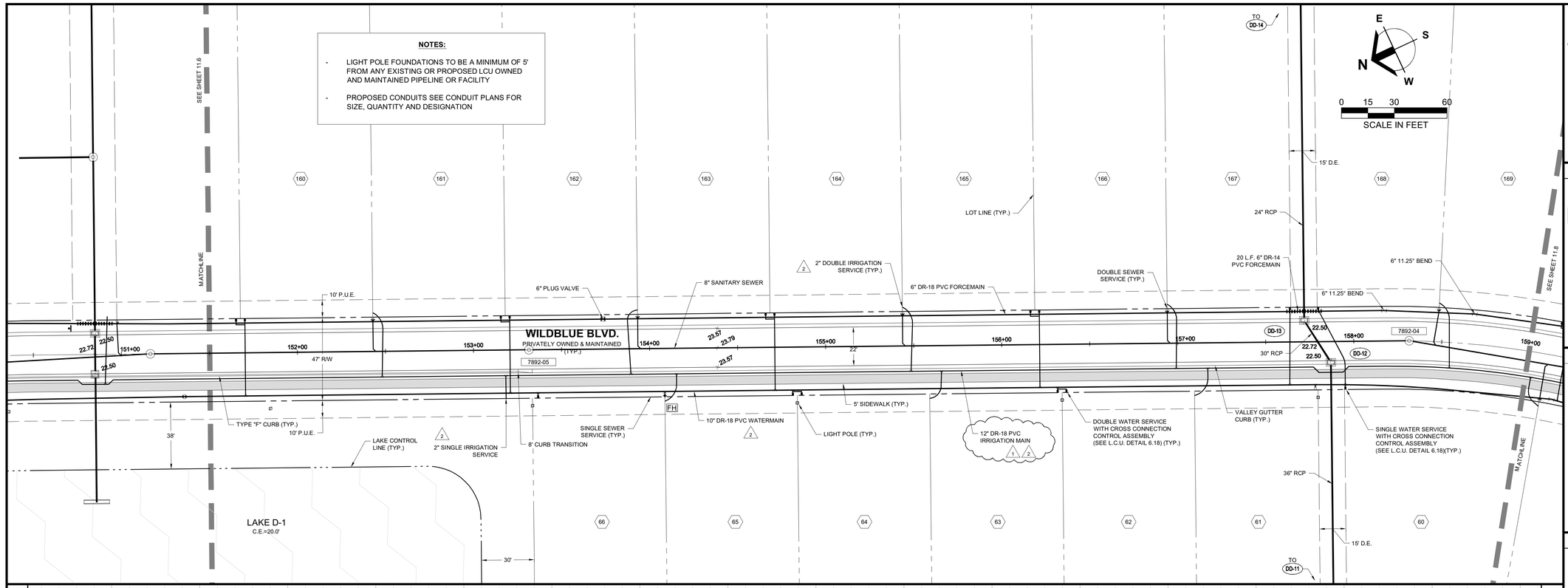
PLAN AND PROFILE WILDBLUE BLVD. STA: 145+00 TO 151+50

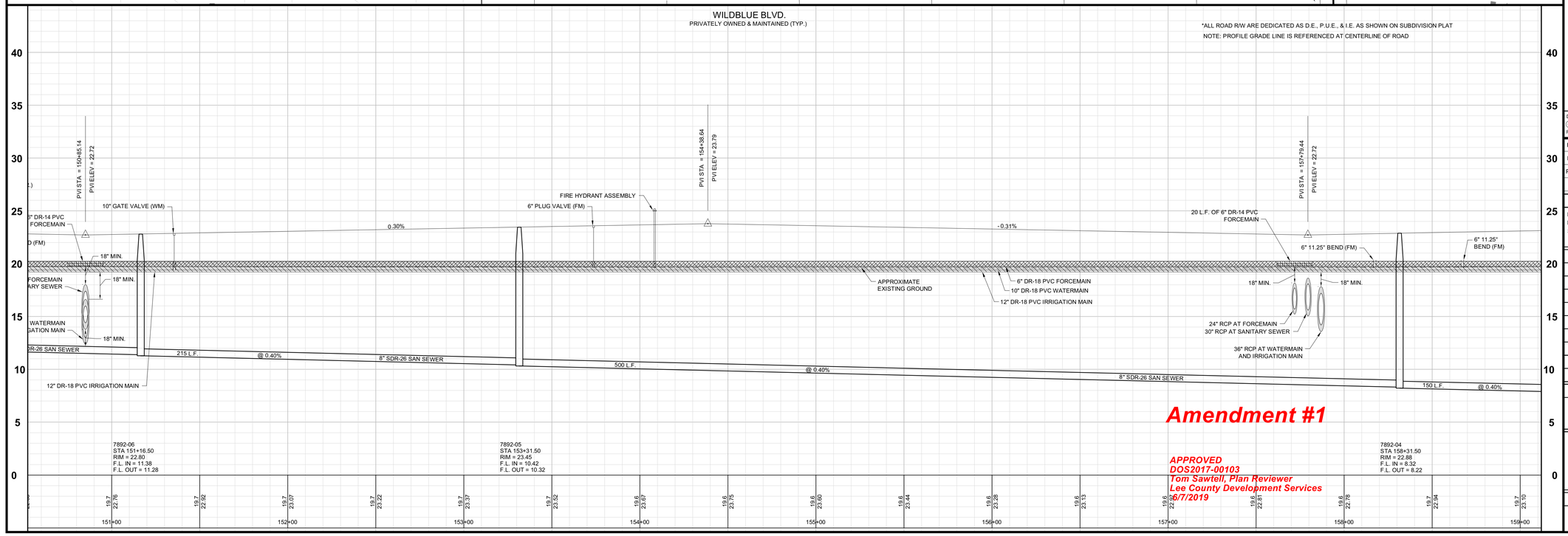
PROJECT / FILE NO.	SHEET NUMBER
23675	11.6

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PHONE (239) 461-3170
FAX (239) 461-3169
FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

PHONE (239) 278-1177
FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A30B.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:53 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)
02-02-19	L.C.U. COMMENTS DATED 02-01-19 (2)

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

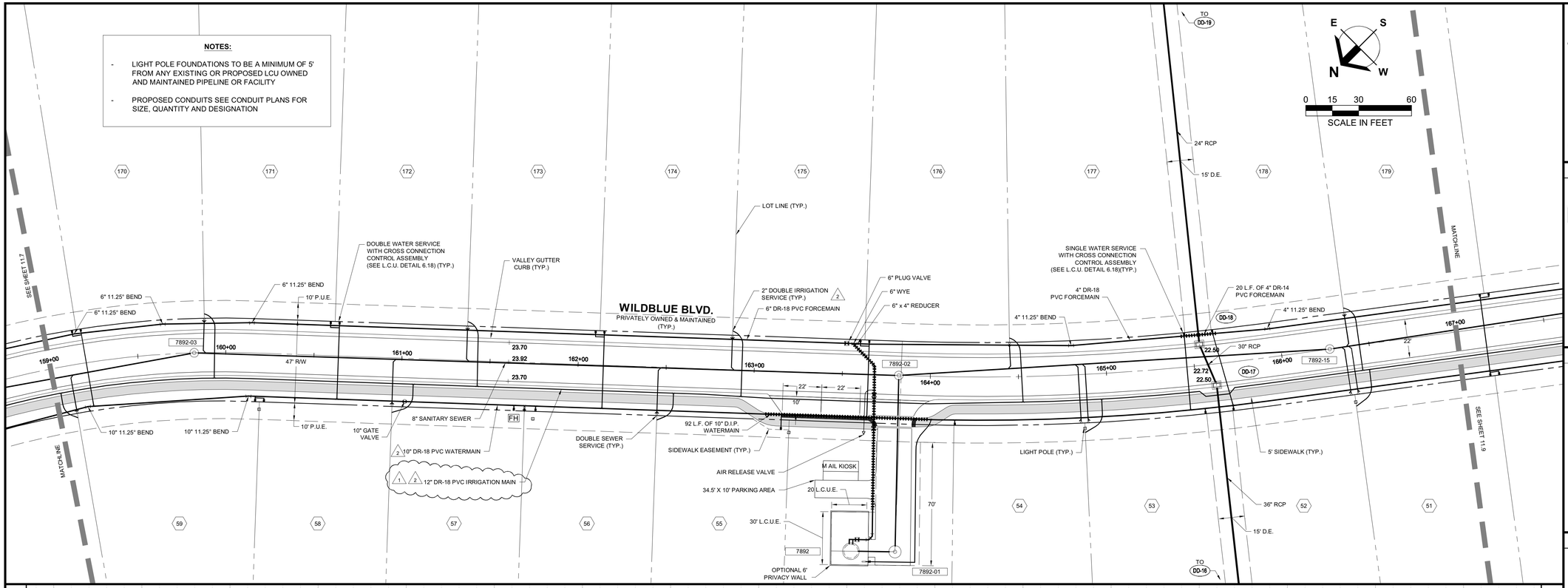
PLAN AND PROFILE WILDBLUE BLVD. STA: 151+50 TO 159+00

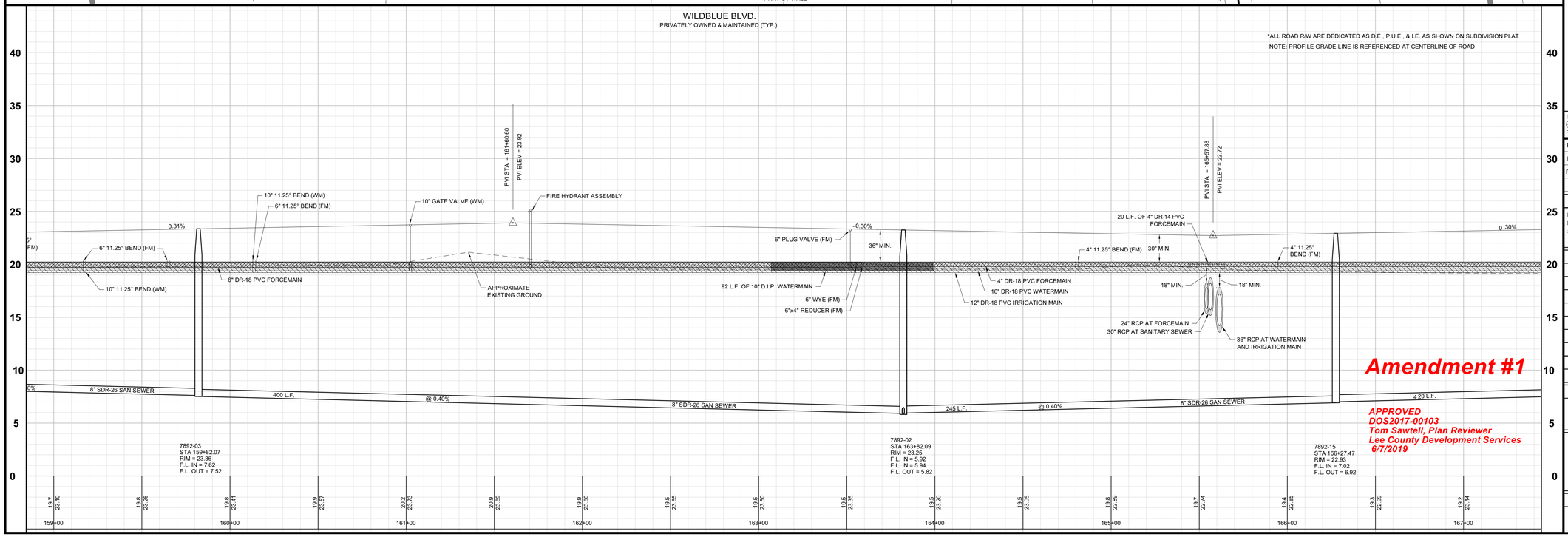
PROJECT / FILE NO.	SHEET NUMBER
23675	11.7

DOS2017-00103 Lee County ePlan

NOTES:

- LIGHT POLE FOUNDATIONS TO BE A MINIMUM OF 5' FROM ANY EXISTING OR PROPOSED LCU OWNED AND MAINTAINED PIPELINE OR FACILITY
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Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WildBlue

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ENGINEER OF RECORD

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SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1
02-02-19	L.C.U. COMMENTS DATED 02-01-19 2

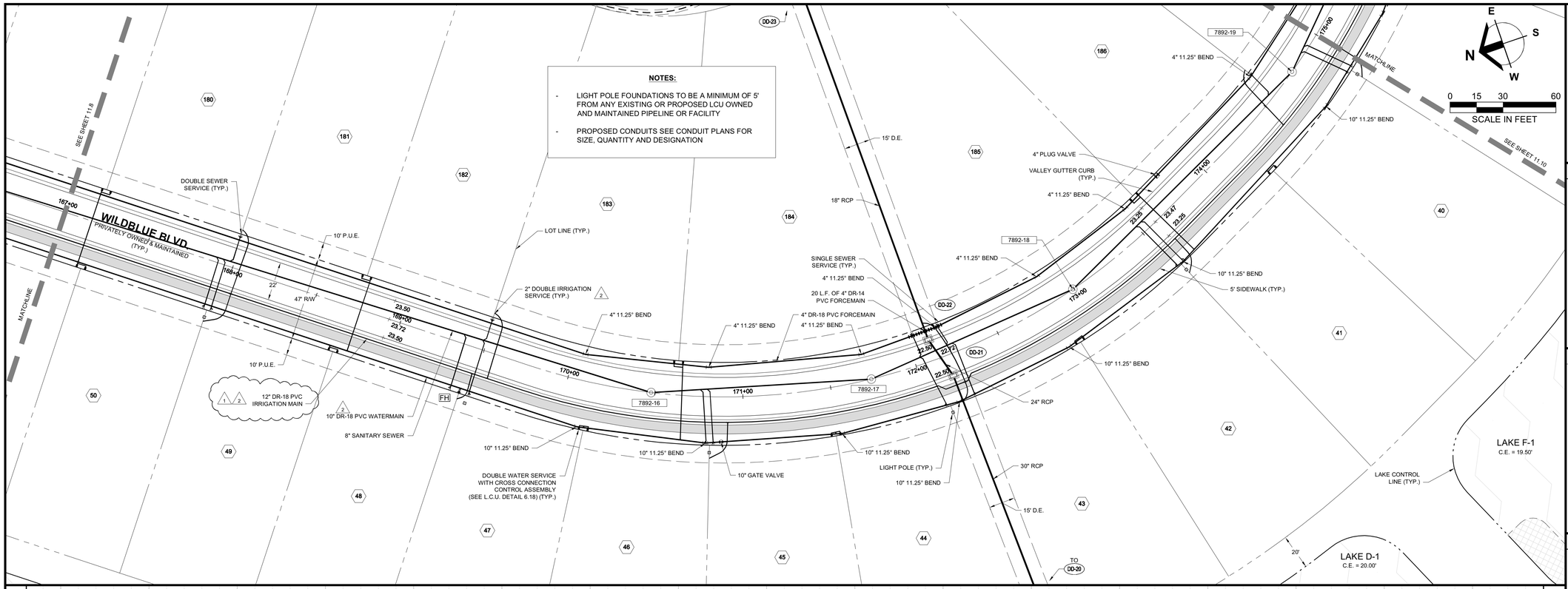
PLAN STATUS

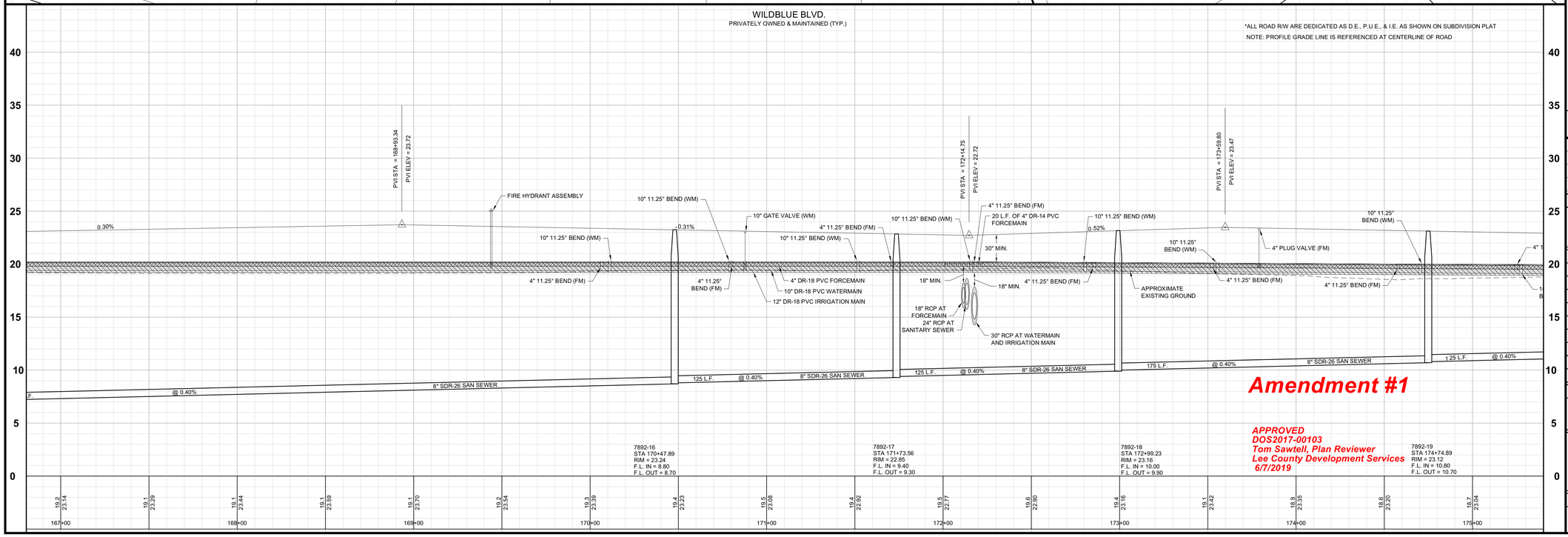
D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE WILDBLUE BLVD. STA: 159+00 TO 167+00

PROJECT / FILE NO.	SHEET NUMBER
23675	11.8

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11-12-18	D.O. AMENDMENT #1 CHANGES	1
02-02-19	L.C.U. COMMENTS DATED 02-01-19	2

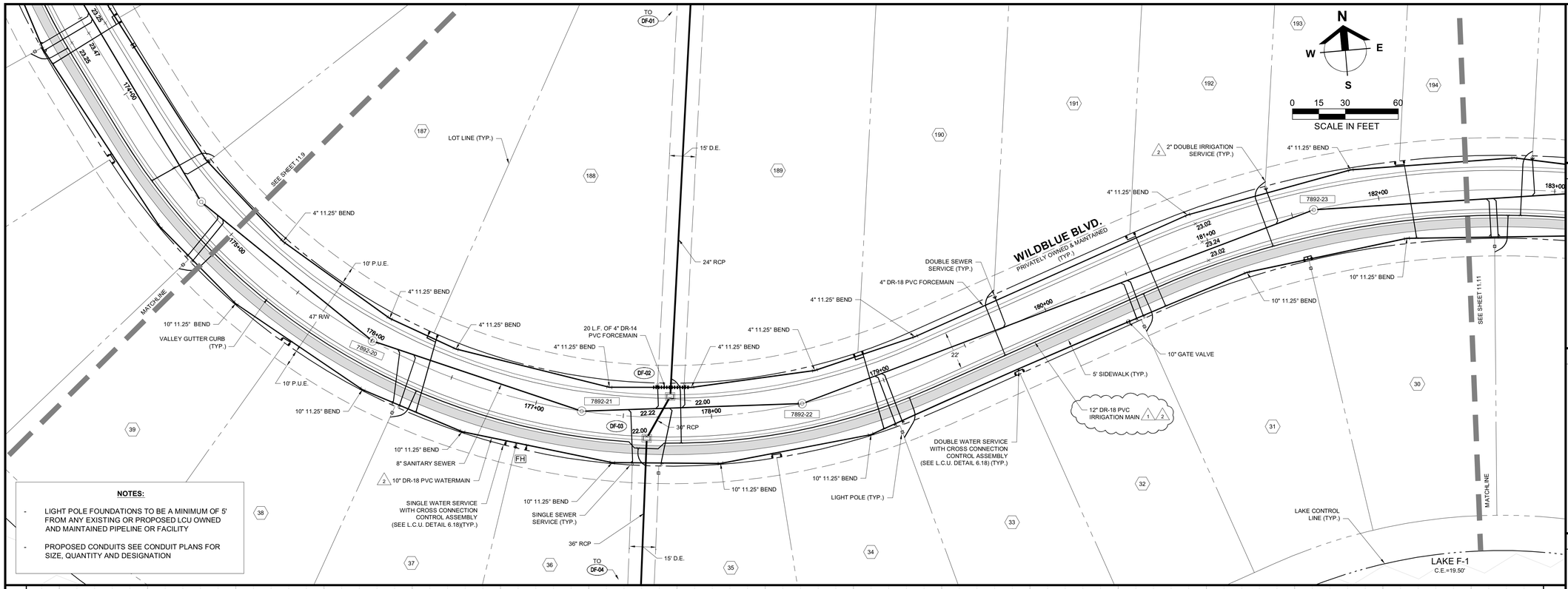
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE WILDBLUE BLVD. STA: 167+00 TO 175+00

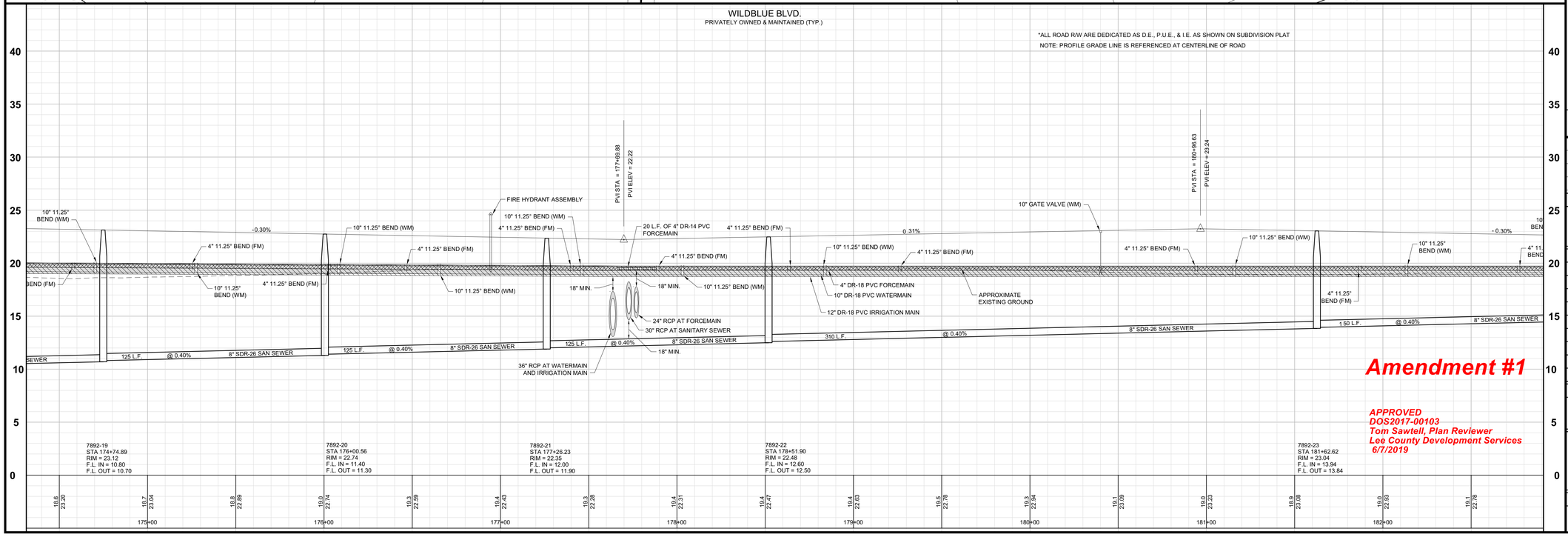
PROJECT / FILE NO.	SHEET NUMBER
23675	11.9

DOS2017-00103 Lee County ePlan



NOTES:

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APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
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6/7/2019

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PROJECT DESCRIPTION

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LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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11-12-18	D.O. AMENDMENT #1 CHANGES 1
02-02-19	L.C.U. COMMENTS DATED 02-01-19 2

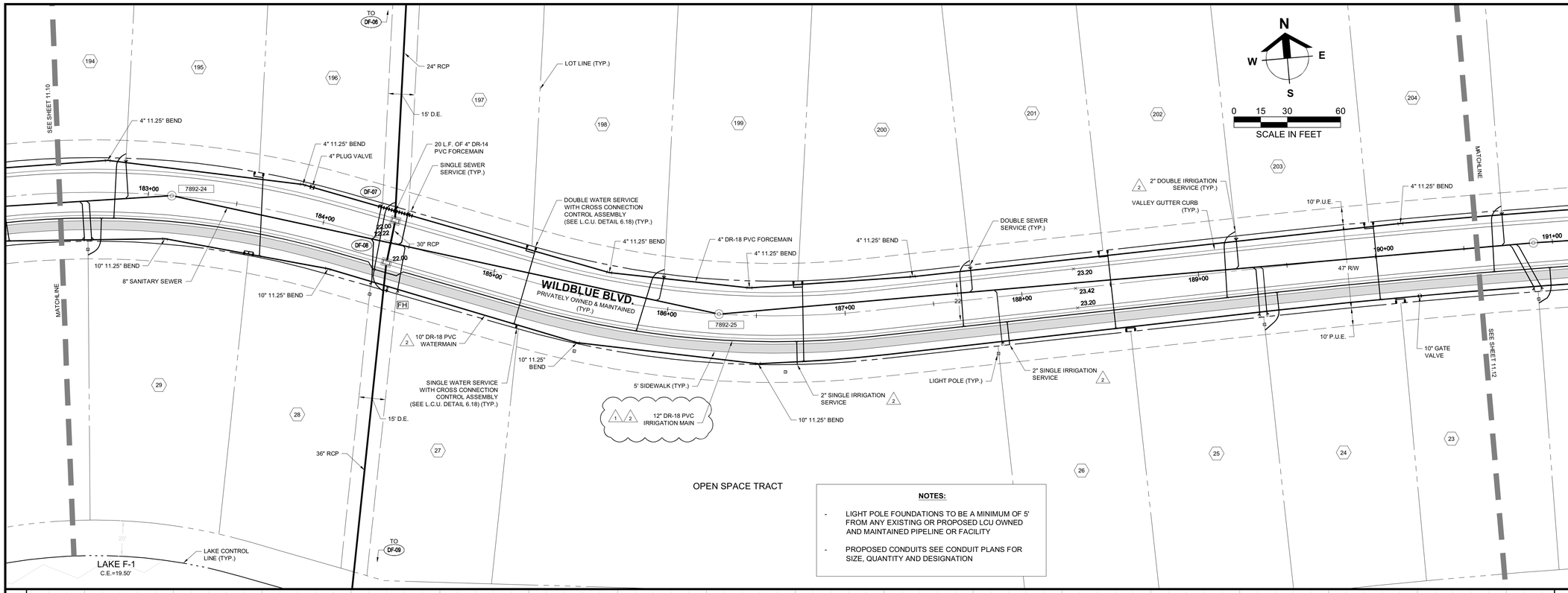
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE WILDBLUE BLVD. STA: 175+00 TO 182+50

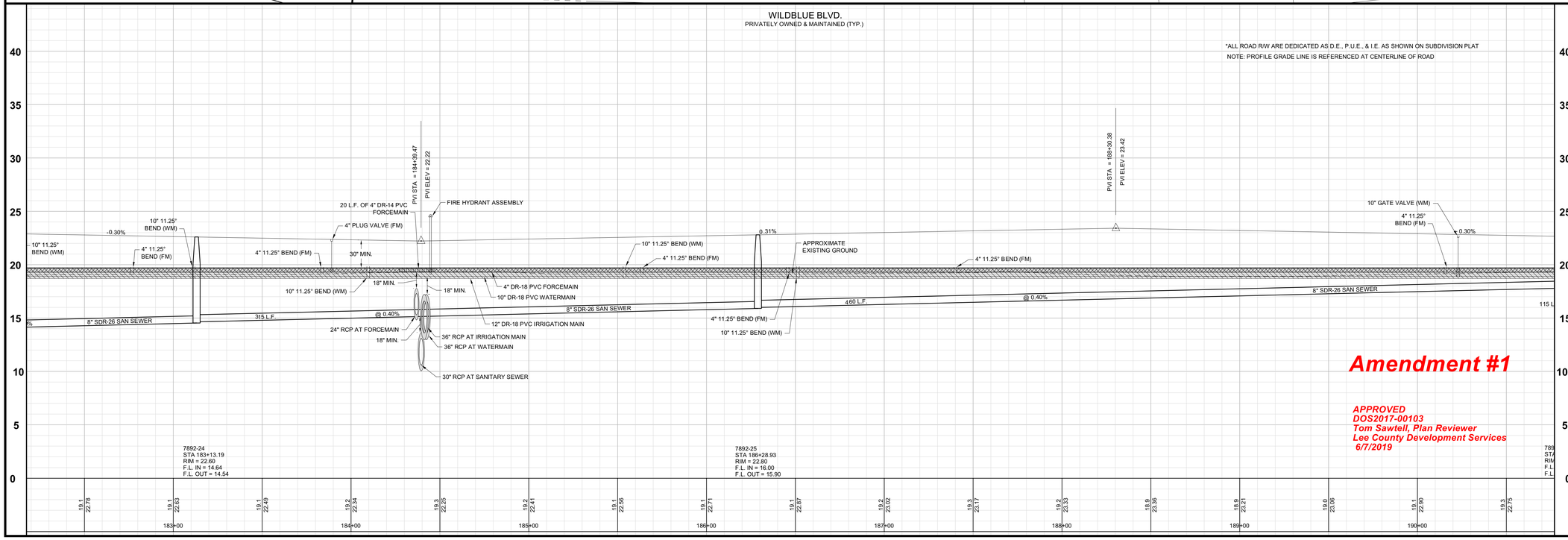
PROJECT / FILE NO.	SHEET NUMBER
23675	11.10

DOS2017-00103 Lee County ePlan



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Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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FORT MYERS, FLORIDA 33966

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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PLOT BY	SCOTT WHEELER JR

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PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)
02-02-19	L.C.U. COMMENTS DATED 02-01-19 (2)

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

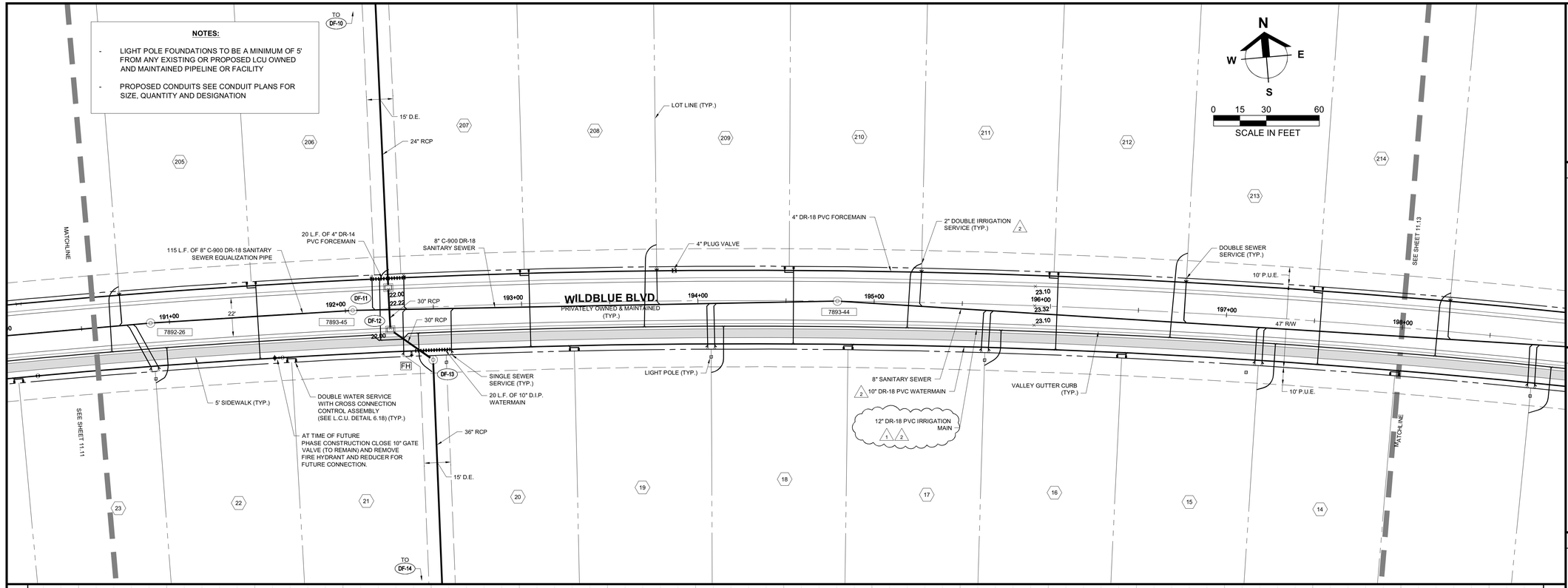
PLAN AND PROFILE WILDBLUE BLVD. STA: 182+50 TO 190+50

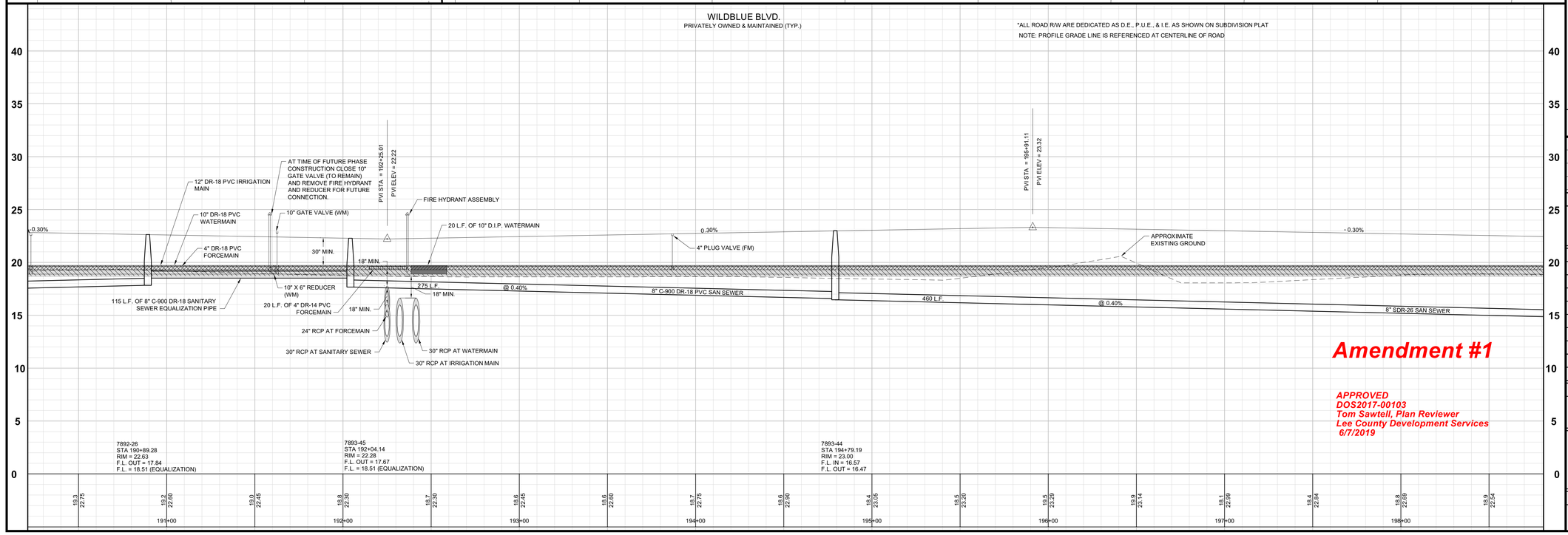
PROJECT / FILE NO.	SHEET NUMBER
23675	11.11

DOS2017-00103 Lee County ePlan

NOTES:

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Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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ENGINEERING 7995 - SURVEYING LB-6940

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	SCOTT WHEELER JR

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SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)
02-02-19	L.C.U. COMMENTS DATED 02-01-19 (2)

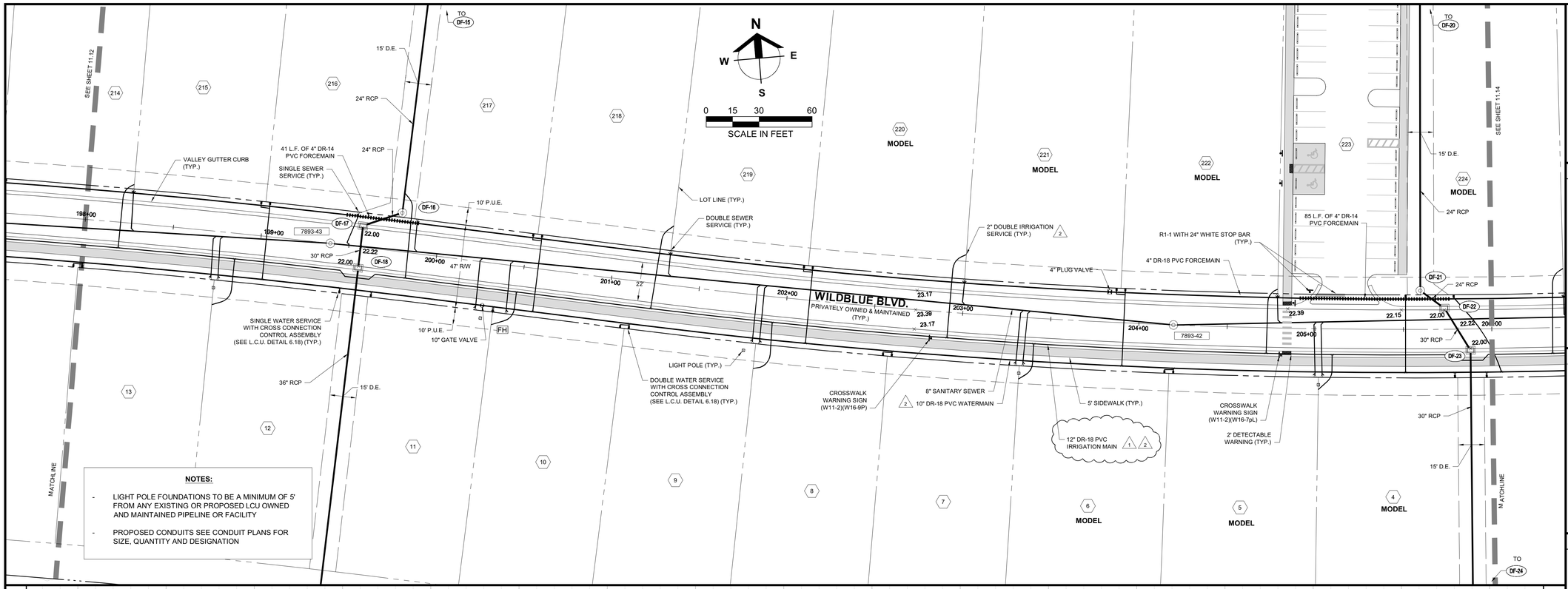
PLAN STATUS

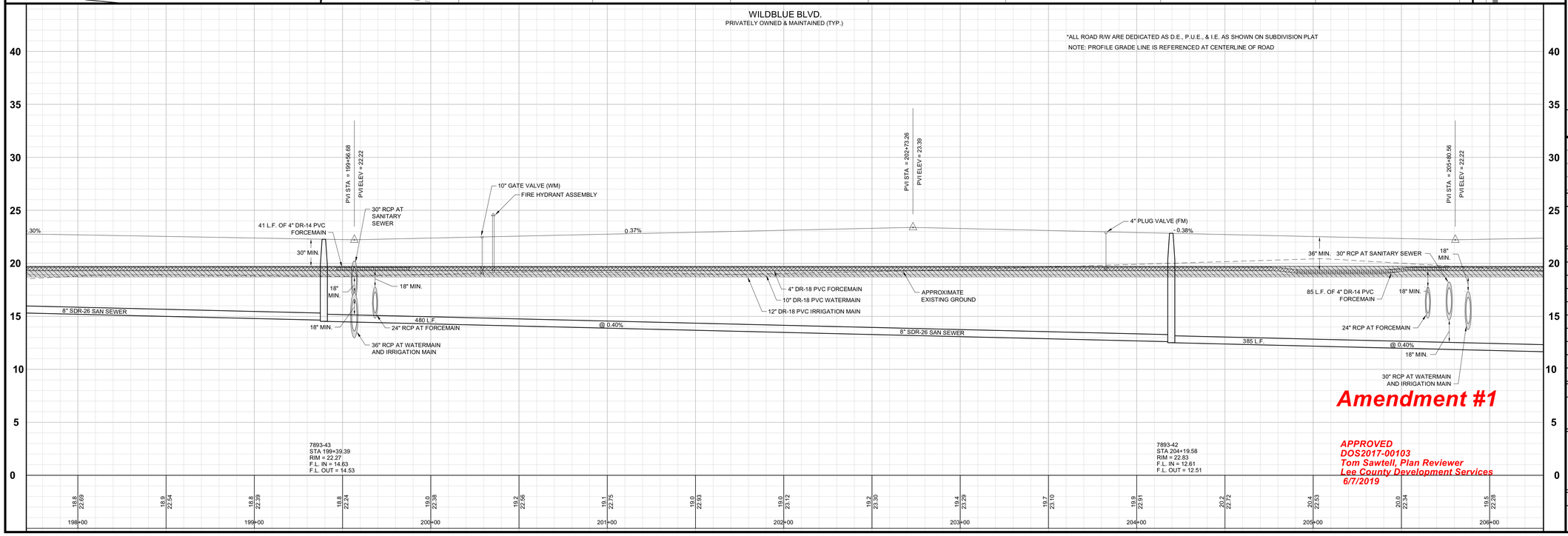
D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE WILDBLUE BLVD. STA: 190+50 TO 198+00

PROJECT / FILE NO.	SHEET NUMBER
23675	11.12

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02-02-19	L.C.U. COMMENTS DATED 02-01-19 (2)

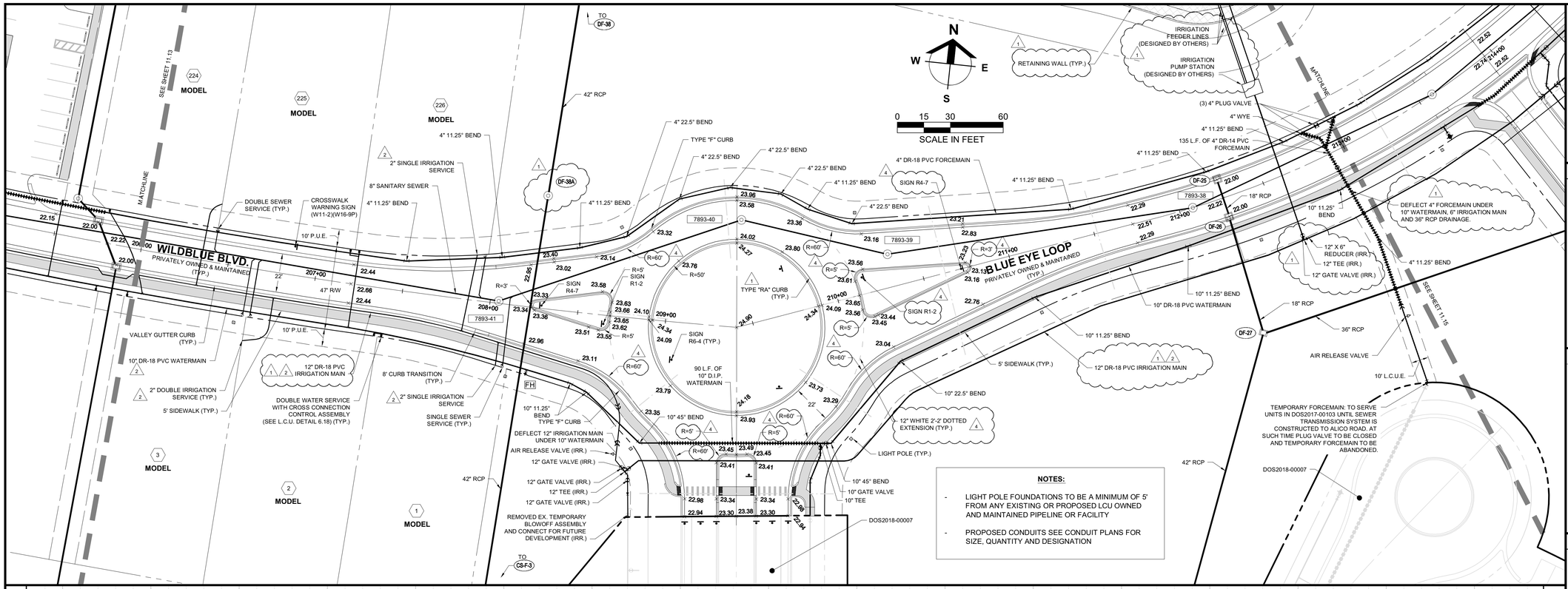
PLAN STATUS

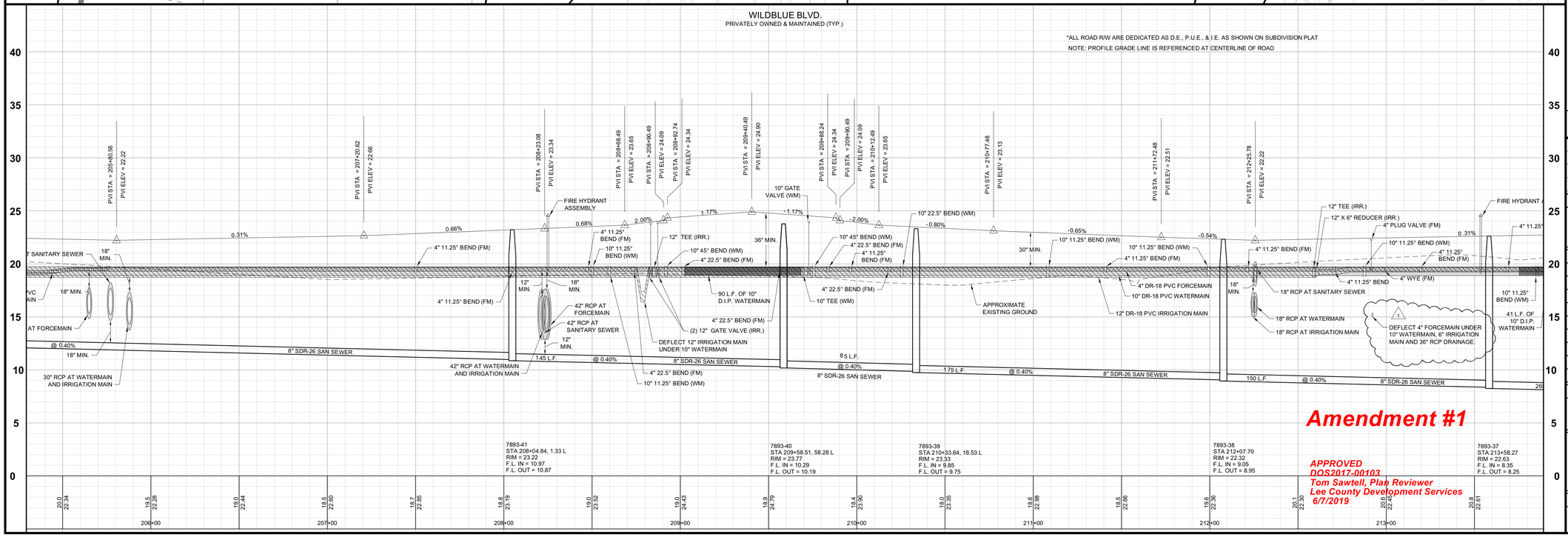
D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE WILDBLUE BLVD. STA: 198+00 TO 206+00

PROJECT / FILE NO.	SHEET NUMBER
23675	11.13

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02-02-19	L.C.U. COMMENTS DATED 02-01-19	2
05-16-19	D.O. COMMENTS DATED 05-16-19	4

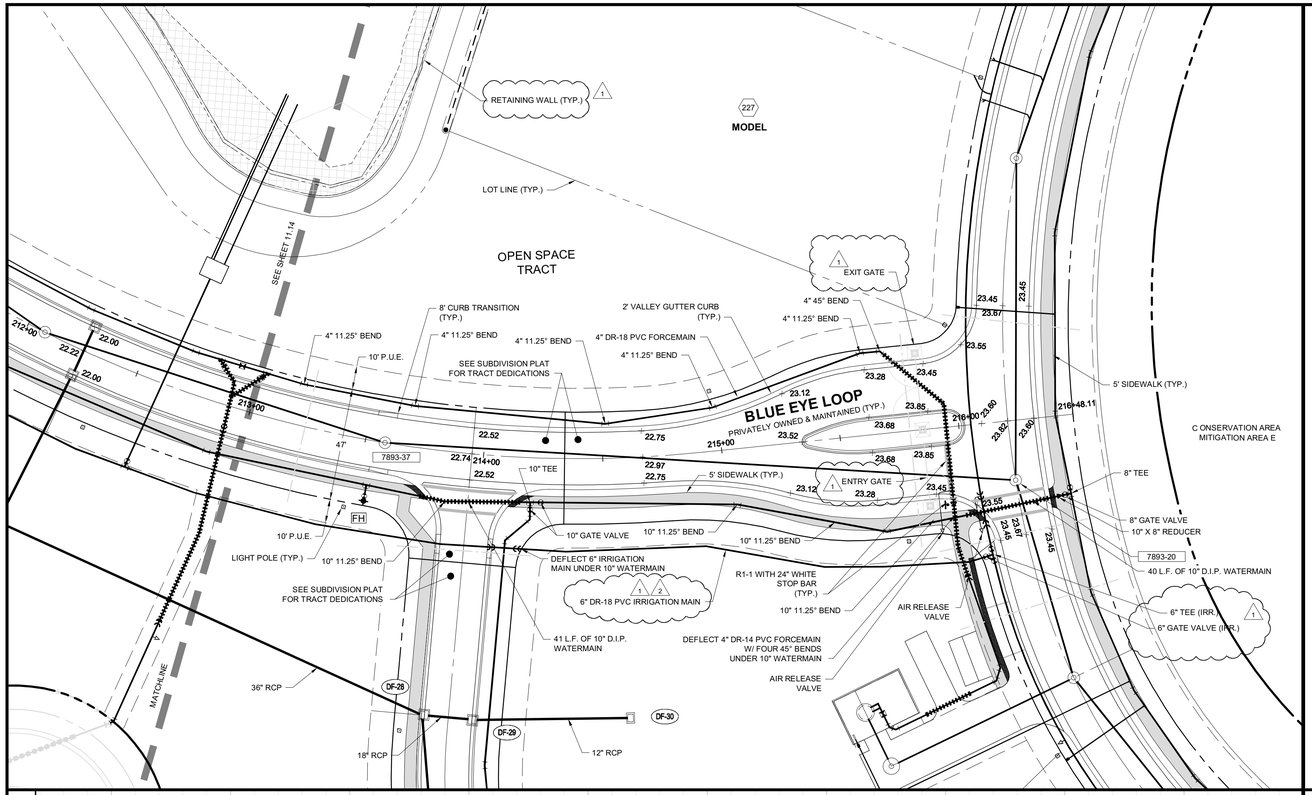
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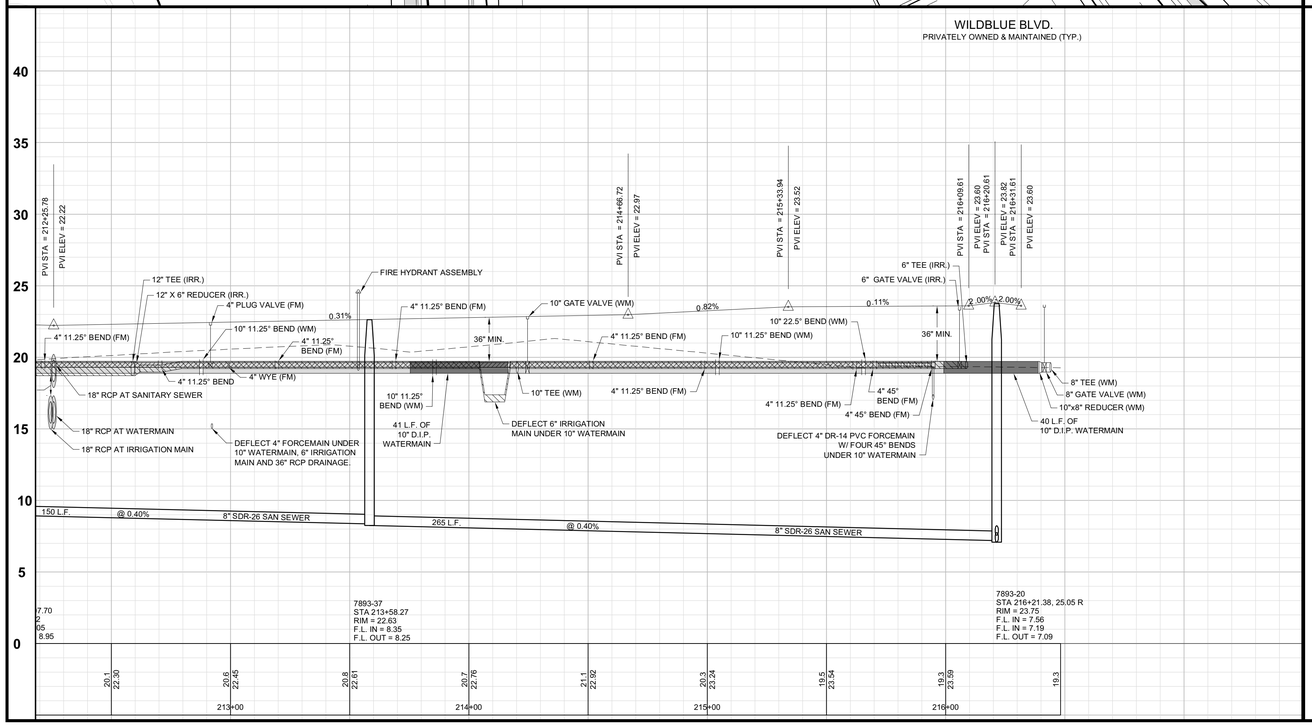
D.O. AMENDMENT #1
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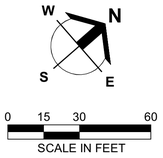
PLAN AND PROFILE WILDBLUE BLVD. STA: 206+00 TO 213+00

PROJECT / FILE NO.	SHEET NUMBER
23675	11.14

DOS2017-00103 Lee County ePlan







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*ALL ROAD R/W ARE DEDICATED AS D.E., P.U.E., & I.E. AS SHOWN ON SUBDIVISION PLAT

NOTE: PROFILE GRADE LINE IS REFERENCED AT CENTERLINE OF ROAD

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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11-12-18	D.O. AMENDMENT #1 CHANGES 1
02-02-19	L.C.U. COMMENTS DATED 02-01-19 2

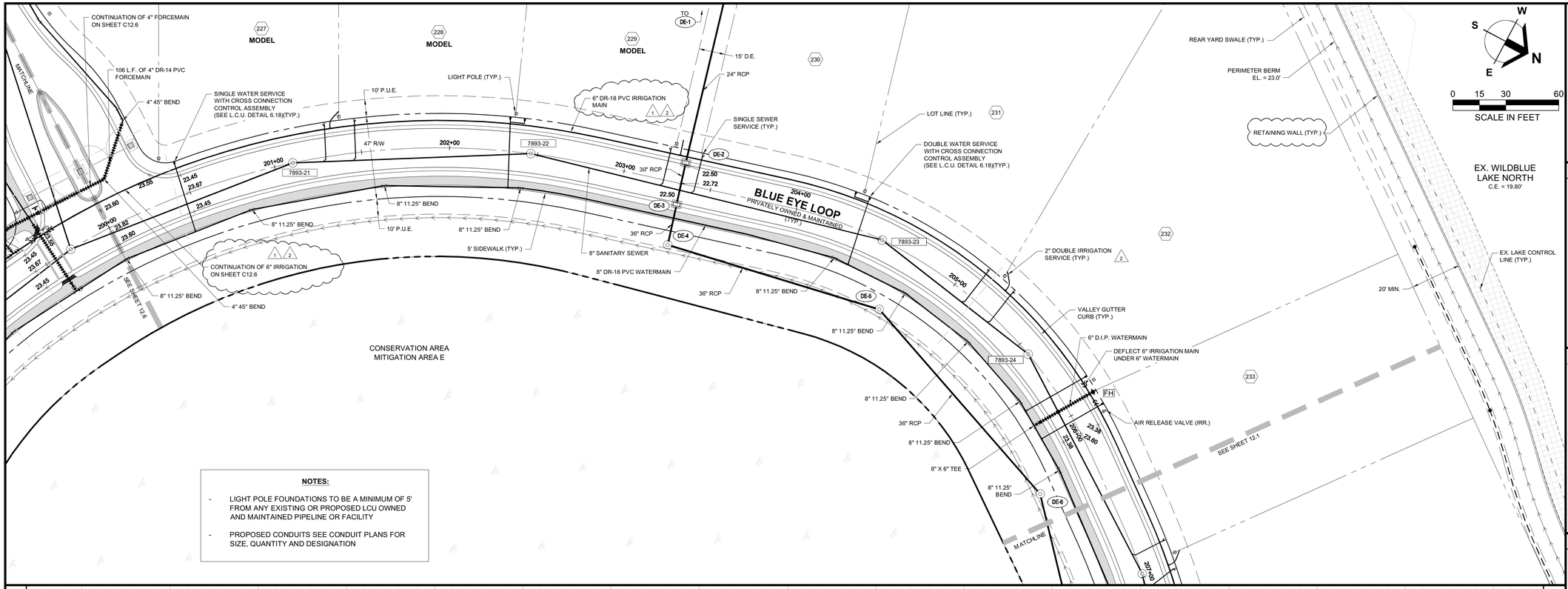
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE WILDBLUE BLVD. STA: 213+00 TO END

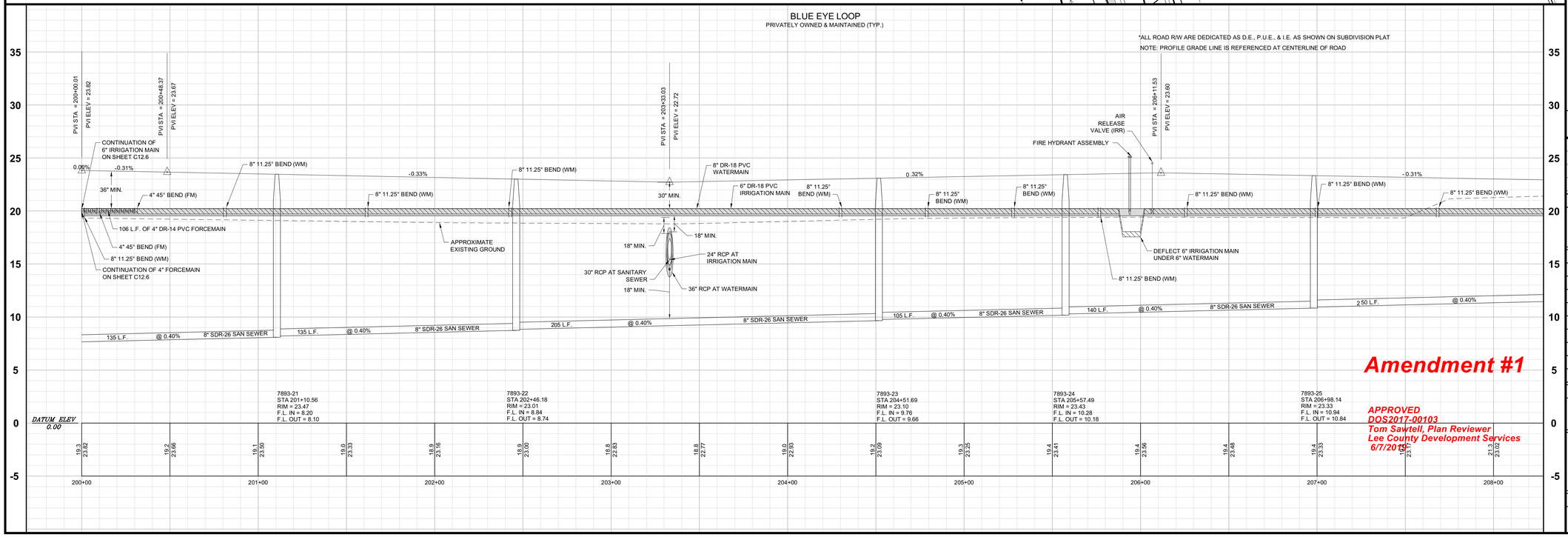
PROJECT / FILE NO.	SHEET NUMBER
23675	11.15

DOS2017-00103 Lee County ePlan



NOTES:

- LIGHT POLE FOUNDATIONS TO BE A MINIMUM OF 5' FROM ANY EXISTING OR PROPOSED LCU OWNED AND MAINTAINED PIPELINE OR FACILITY
- PROPOSED CONDUITS SEE CONDUIT PLANS FOR SIZE, QUANTITY AND DESIGNATION



Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

PHONE (239) 278-1177
FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A30C.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:55 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES	1
02-02-19	L.C.U. COMMENTS DATED 02-01-19	2

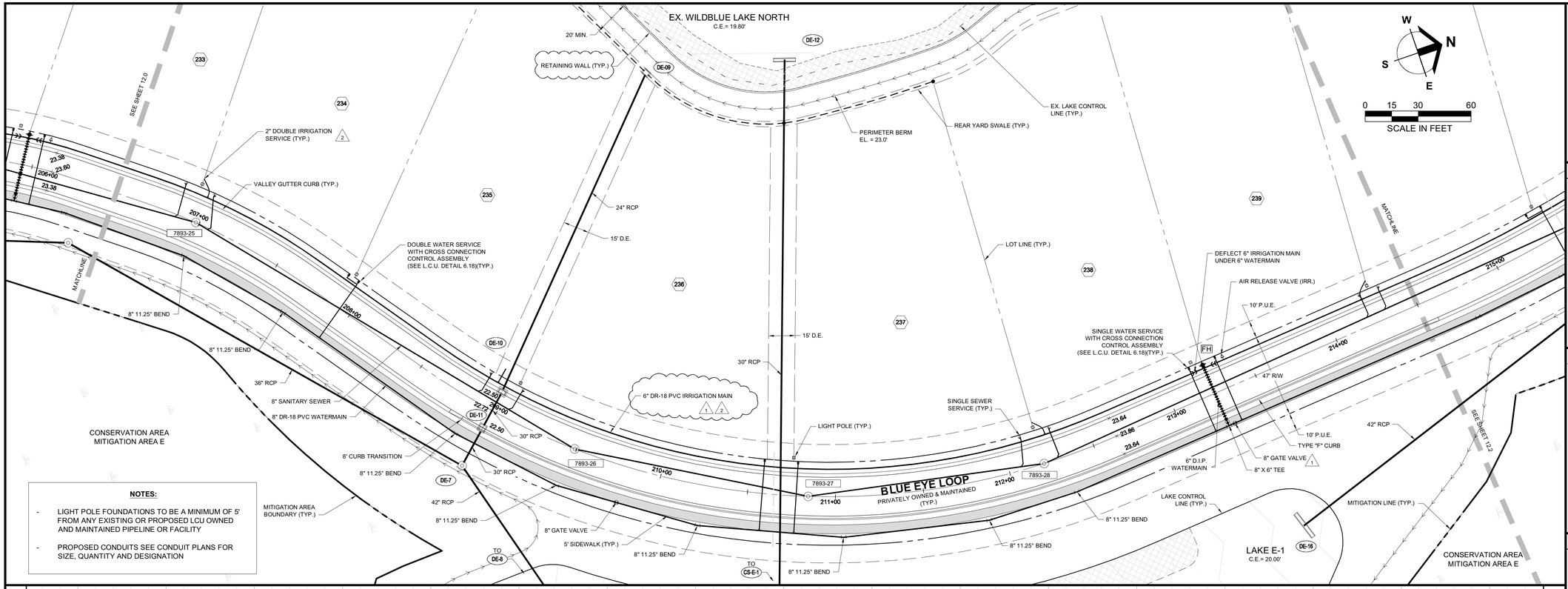
PLAN STATUS

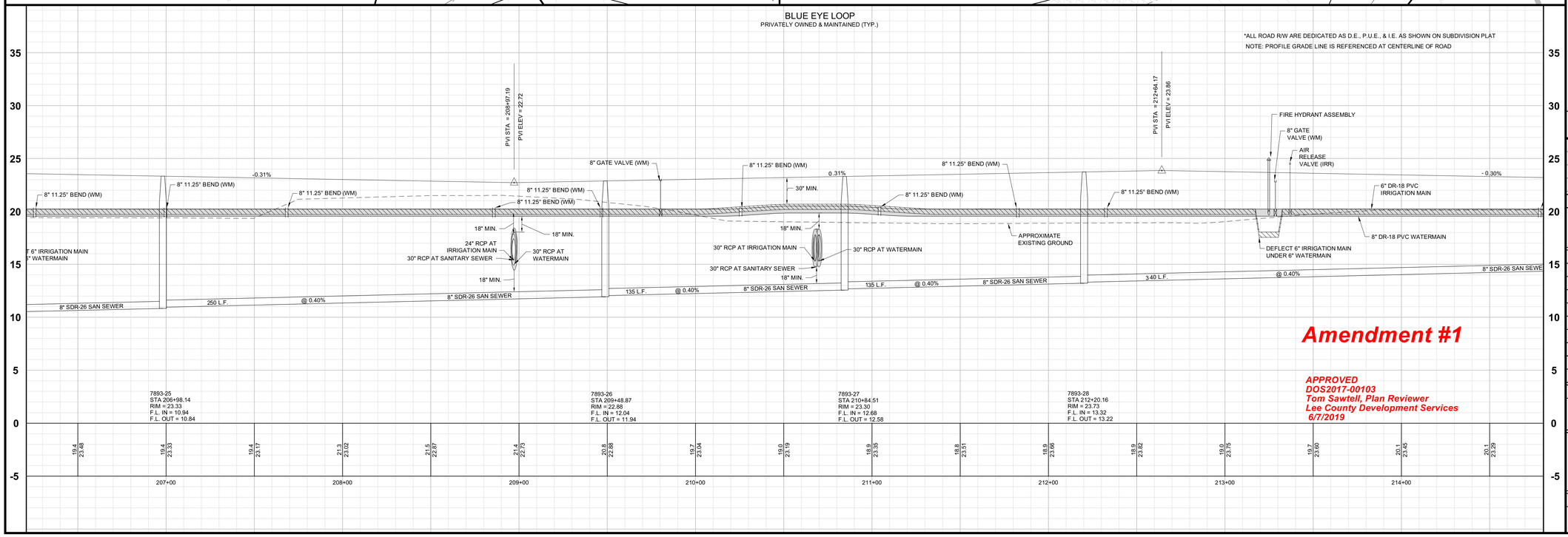
D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE BLUE EYE LOOP STA: 200+00 TO 206+50

PROJECT / FILE NO.	SHEET NUMBER
23675	12.0

DOS2017-00103 Lee County ePlan





Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT DATE	THU. 5-16-2019 - 4:55 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)
02-02-19	L.C.U. COMMENTS DATED 02-01-19 (2)

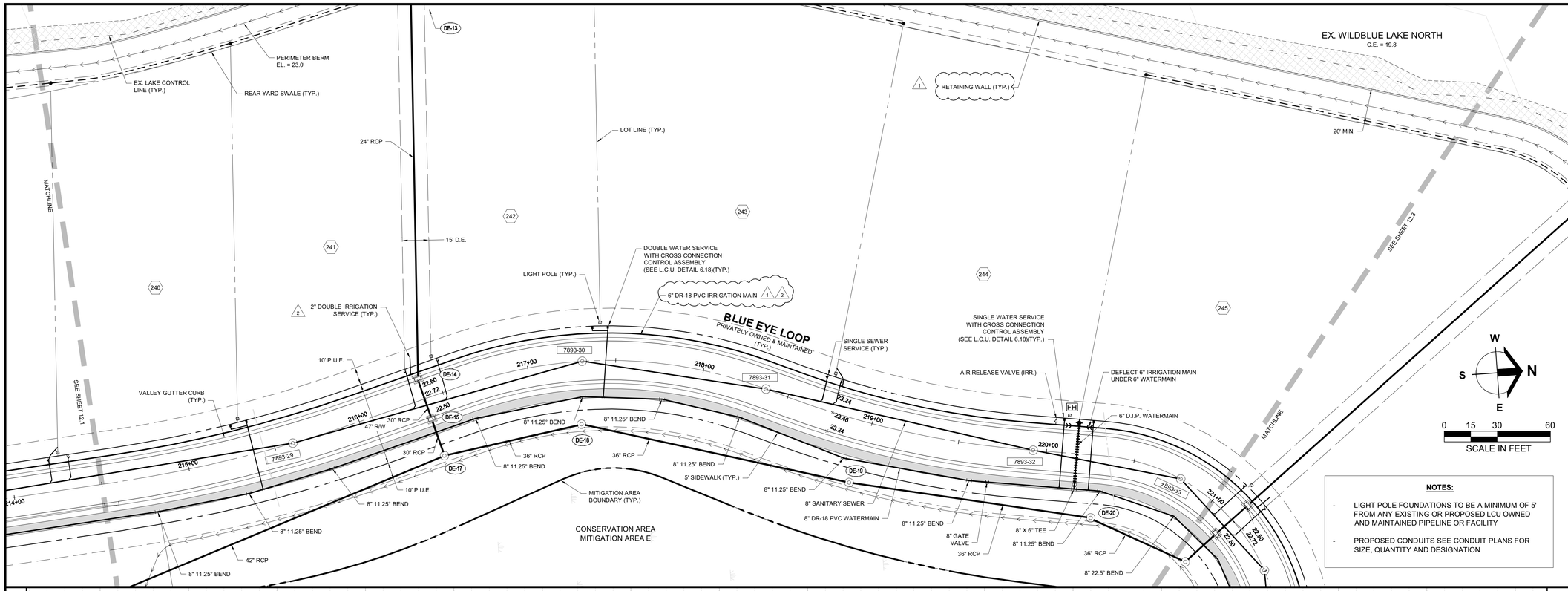
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE BLUE EYE LOOP STA: 206+50 TO 214+50

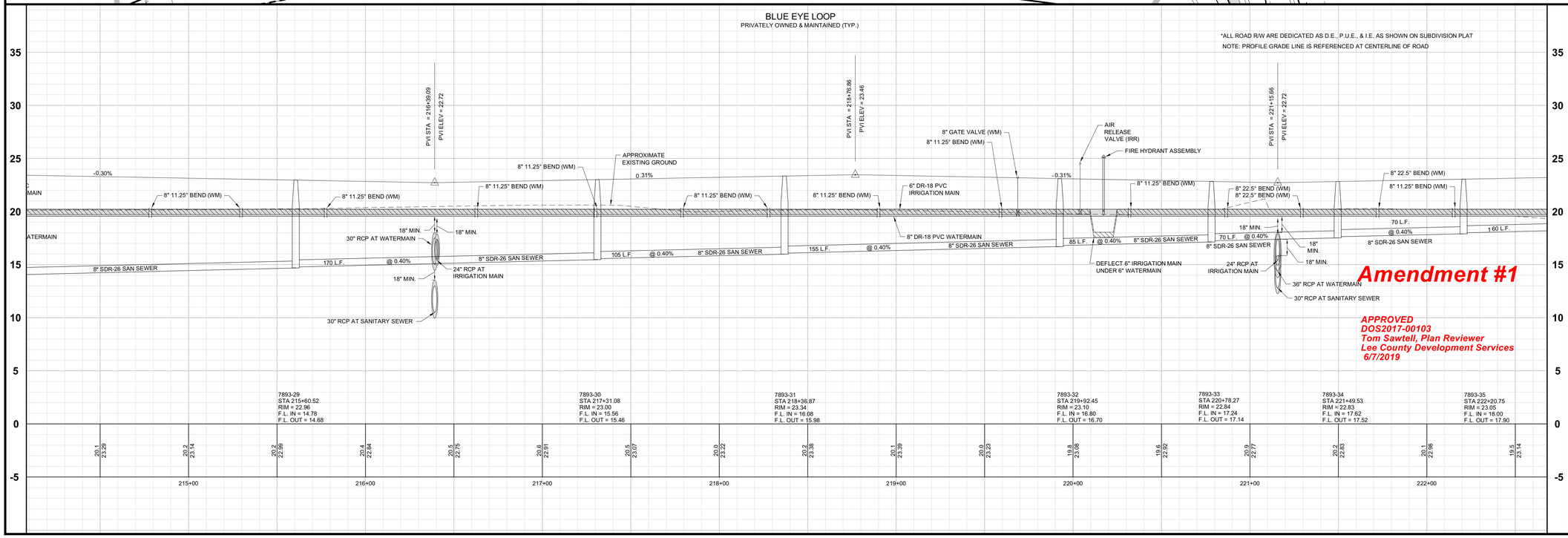
PROJECT / FILE NO.	SHEET NUMBER
23675	12.1

DOS2017-00103 Lee County ePlan



NOTES:

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Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

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PLOT DATE	THU. 5-16-2019 - 4:55 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)
02-02-19	L.C.U. COMMENTS DATED 02-01-19 (2)

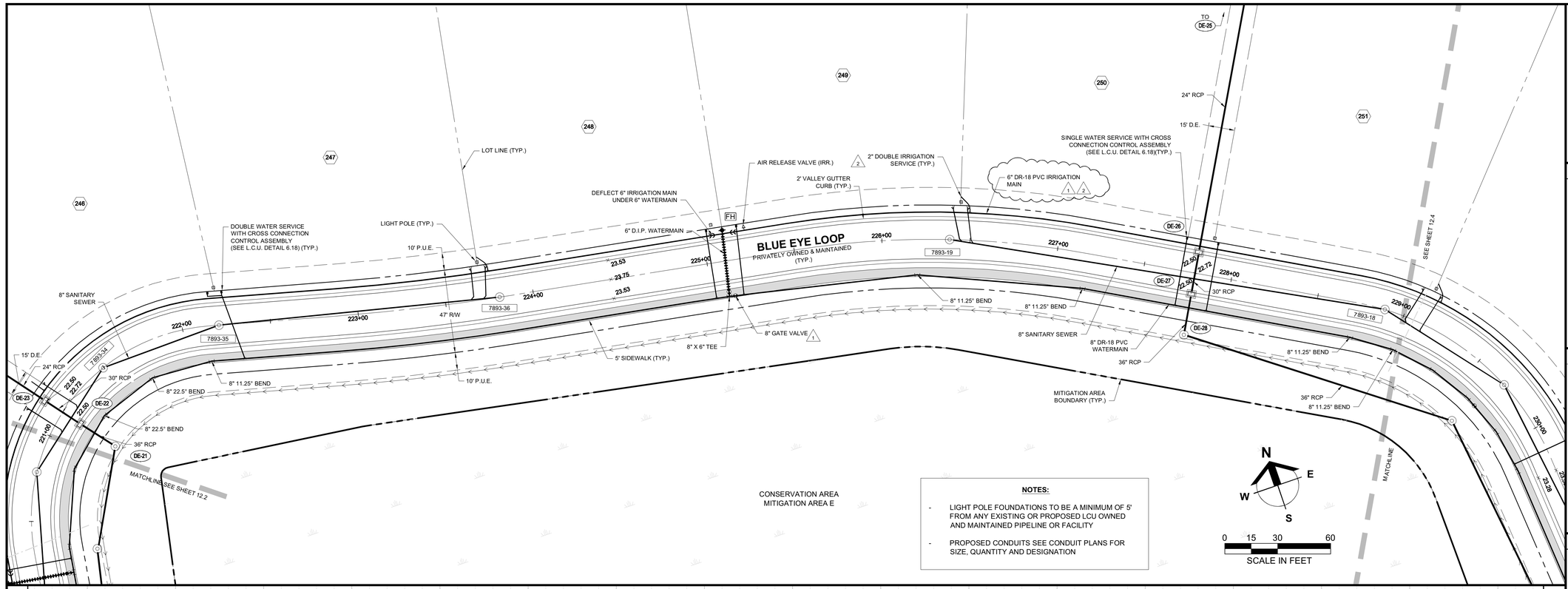
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE BLUE EYE LOOP STA: 214+50 TO 221+00

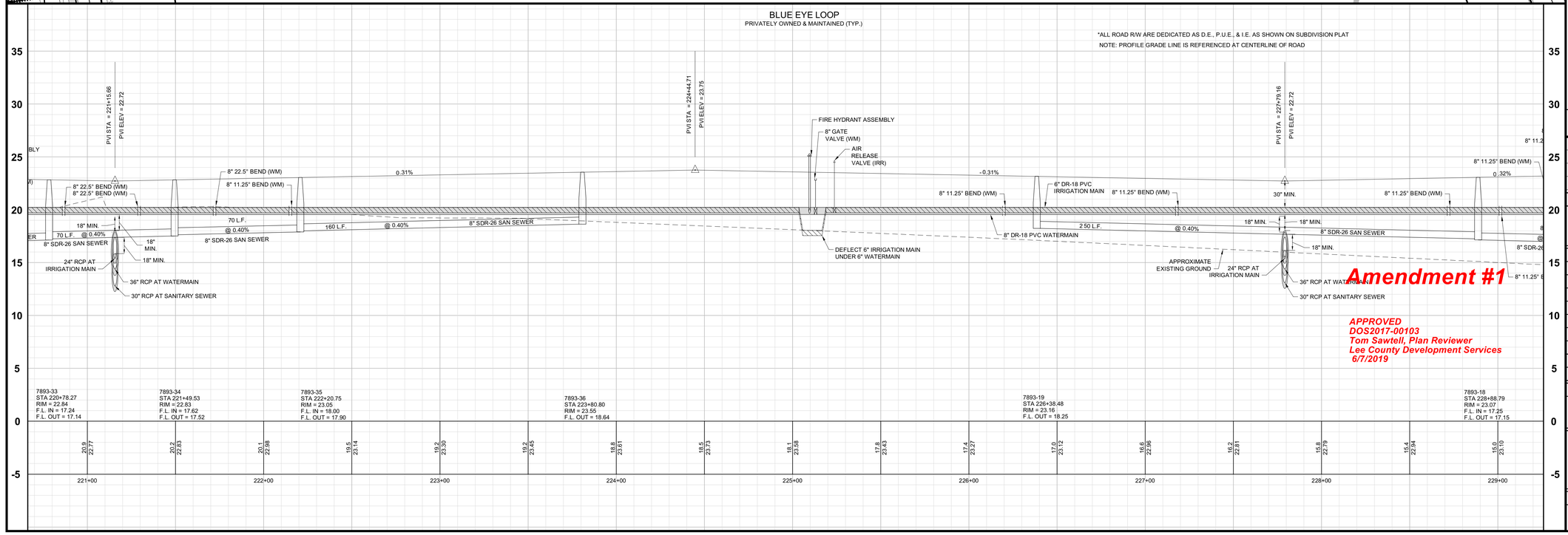
PROJECT / FILE NO.	SHEET NUMBER
23675	12.2

DOS2017-00103 Lee County ePlan



NOTES:

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Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PREPARED FOR

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A30C.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:56 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES	1
02-02-19	L.C.U. COMMENTS DATED 02-01-19	2

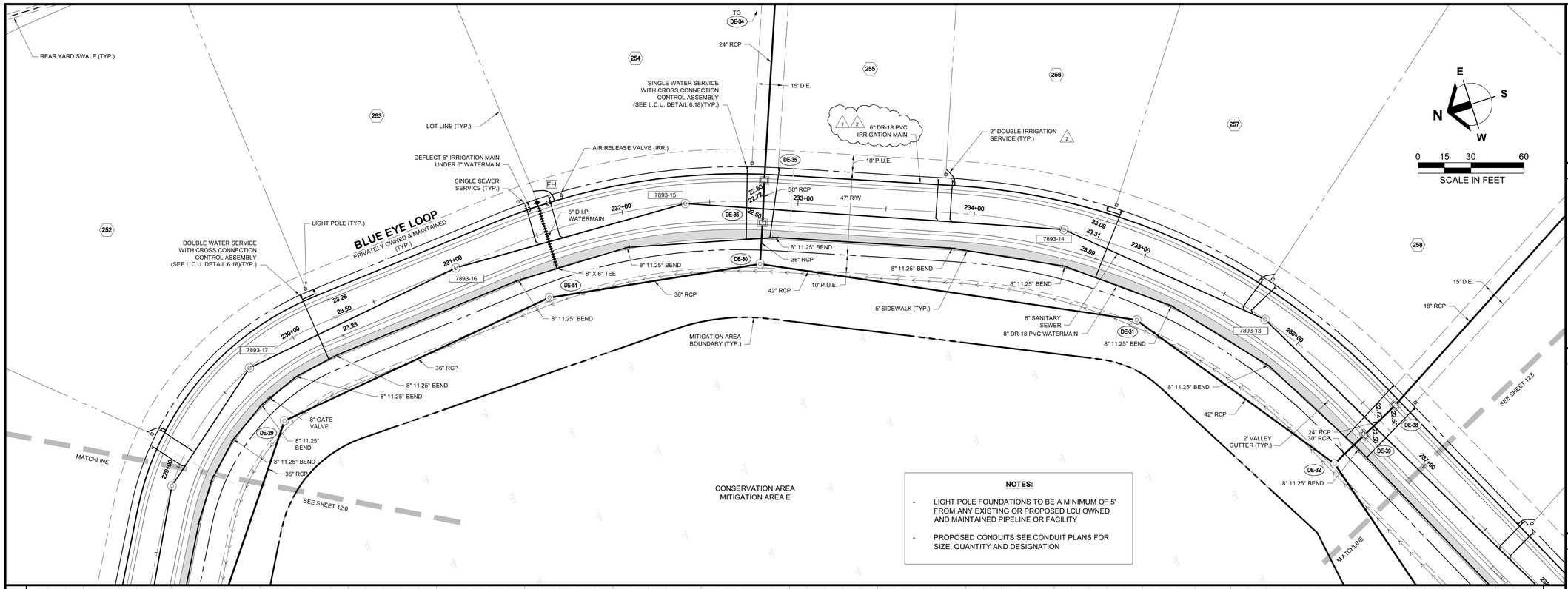
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE BLUE EYE LOOP STA: 221+00 TO 229+00

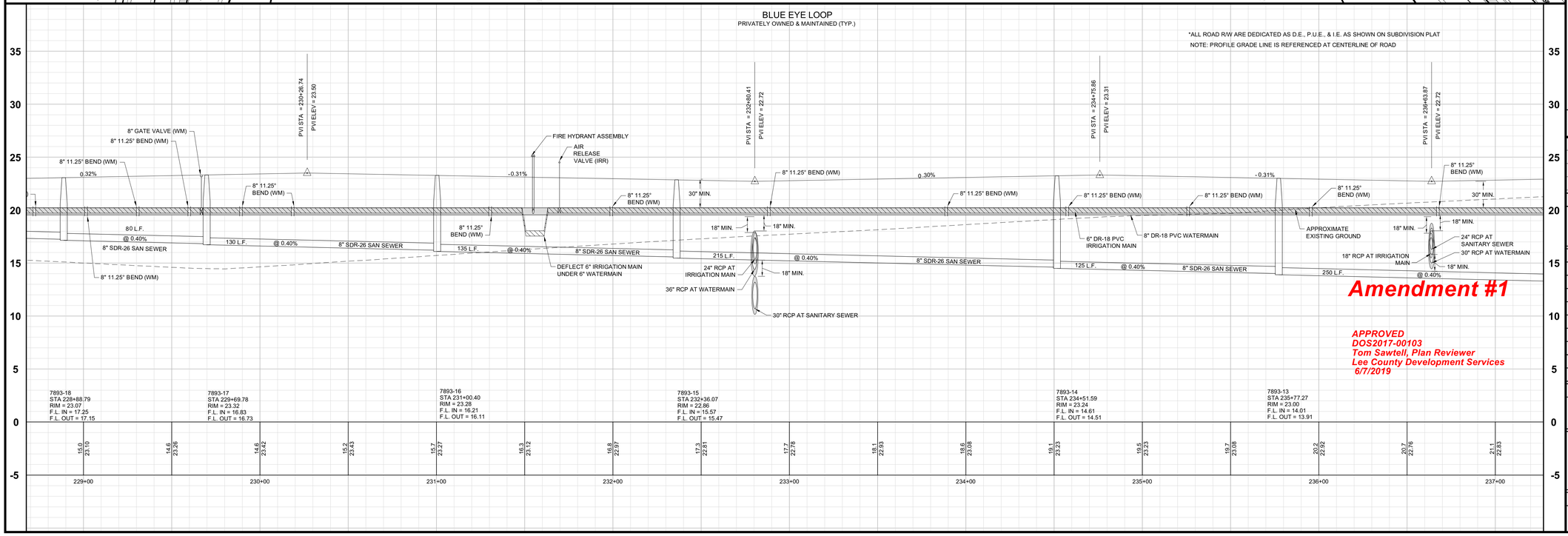
PROJECT / FILE NO.	SHEET NUMBER
23675	12.3

DOS2017-00103 Lee County ePlan



NOTES:

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Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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PHONE (239) 278-1177
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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A30C.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:56 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES	1
02-02-19	L.C.U. COMMENTS DATED 02-01-19	2

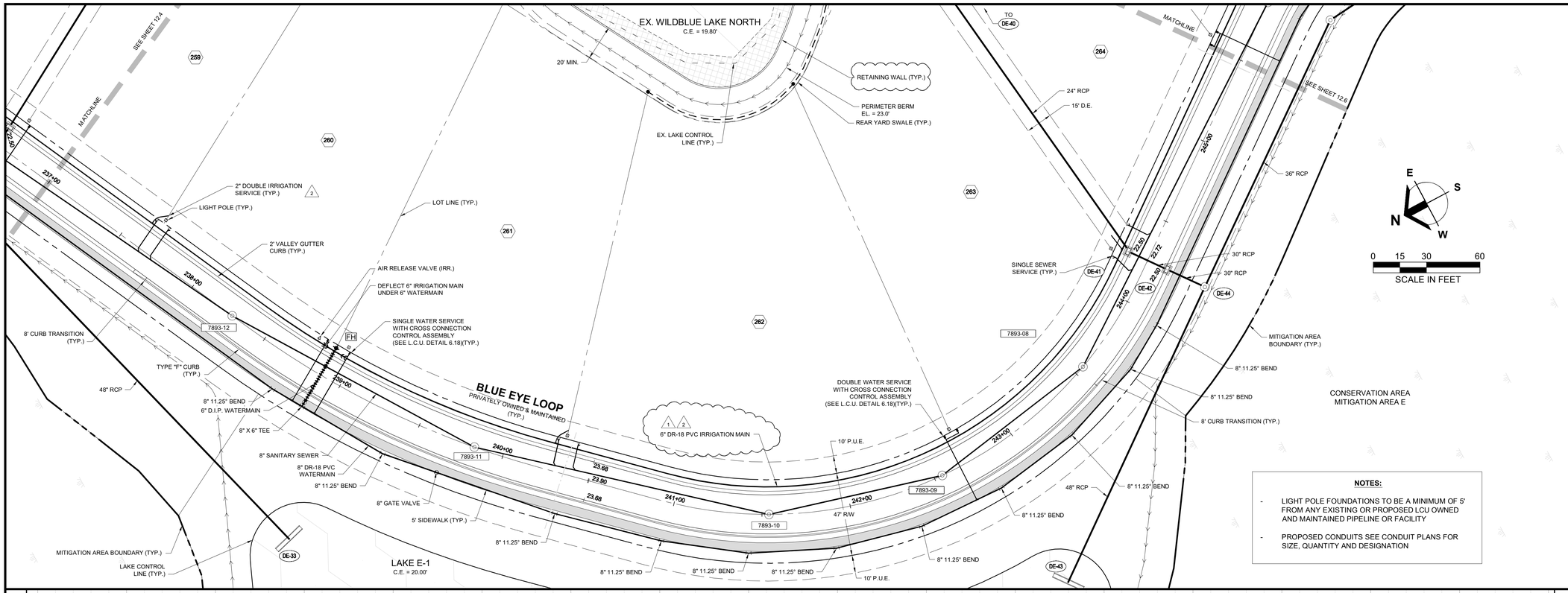
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE BLUE EYE LOOP STA: 229+00 TO 237+00

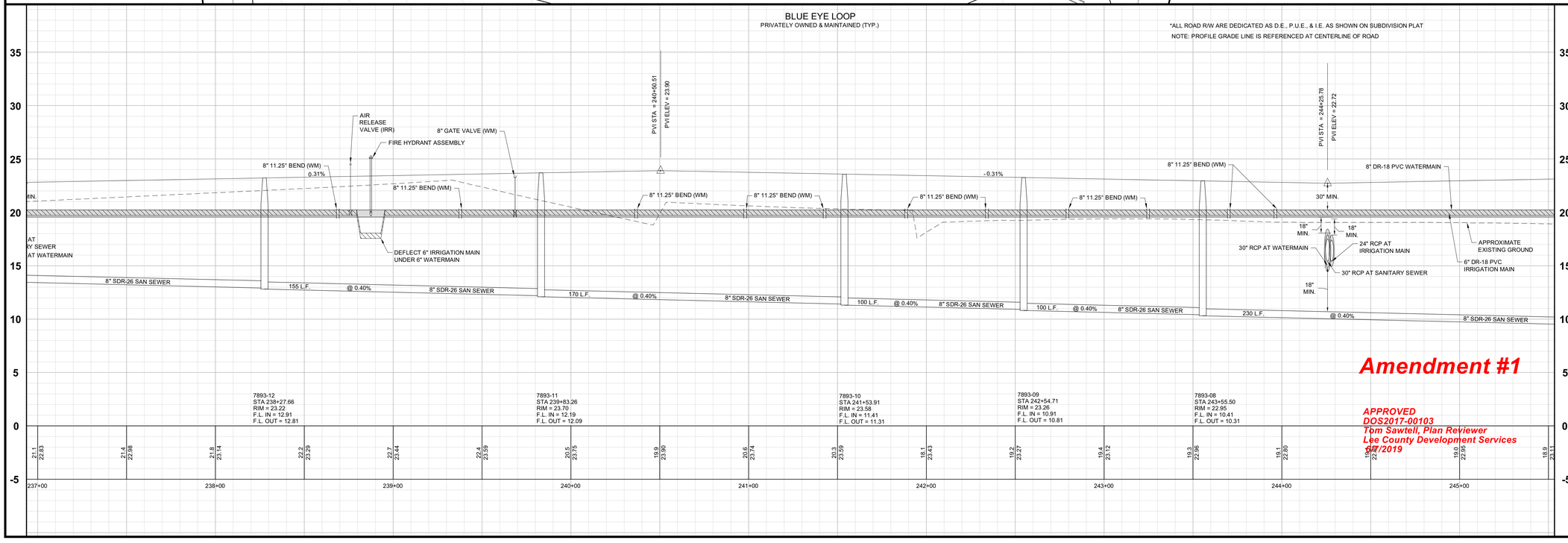
PROJECT / FILE NO.	SHEET NUMBER
23675	12.4

DOS2017-00103 Lee County ePlan



NOTES:

- LIGHT POLE FOUNDATIONS TO BE A MINIMUM OF 5' FROM ANY EXISTING OR PROPOSED LCU OWNED AND MAINTAINED PIPELINE OR FACILITY
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Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
05/7/2019

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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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FORT MYERS, FLORIDA 33966

PHONE (239) 278-1177
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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:56 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES	1
02-02-19	L.C.U. COMMENTS DATED 02-01-19	2

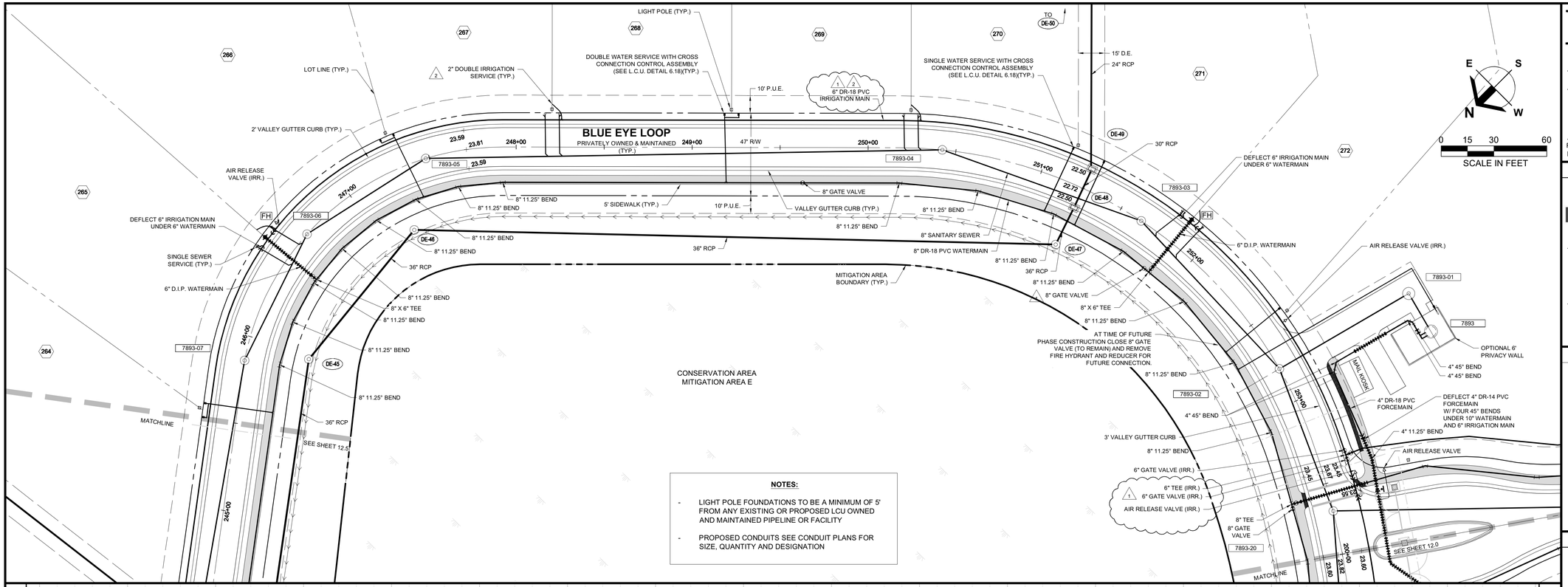
PLAN STATUS

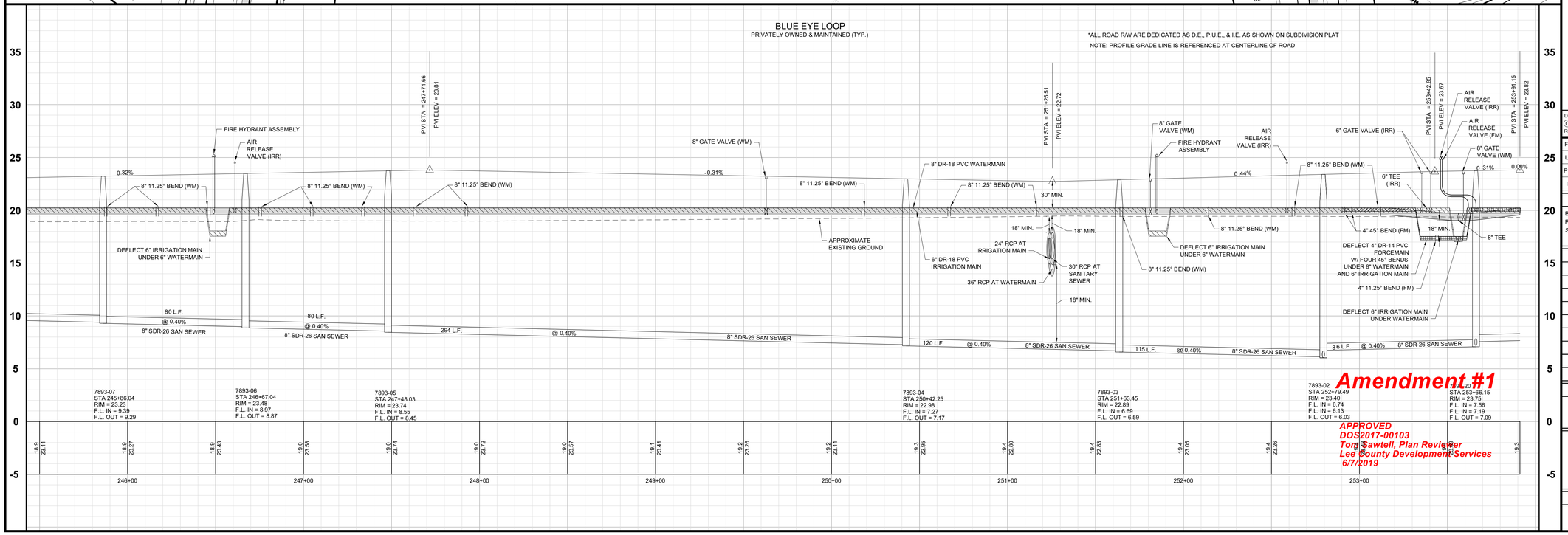
D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE BLUE EYE LOOP STA: 237+00 TO 245+50

PROJECT / FILE NO.	SHEET NUMBER
23675	12.5

DOS2017-00103 Lee County ePlan





Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WildBlue

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PLOT DATE	THU. 5-16-2019 - 4:56 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)
02-02-19	L.C.U. COMMENTS DATED 02-01-19 (2)

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

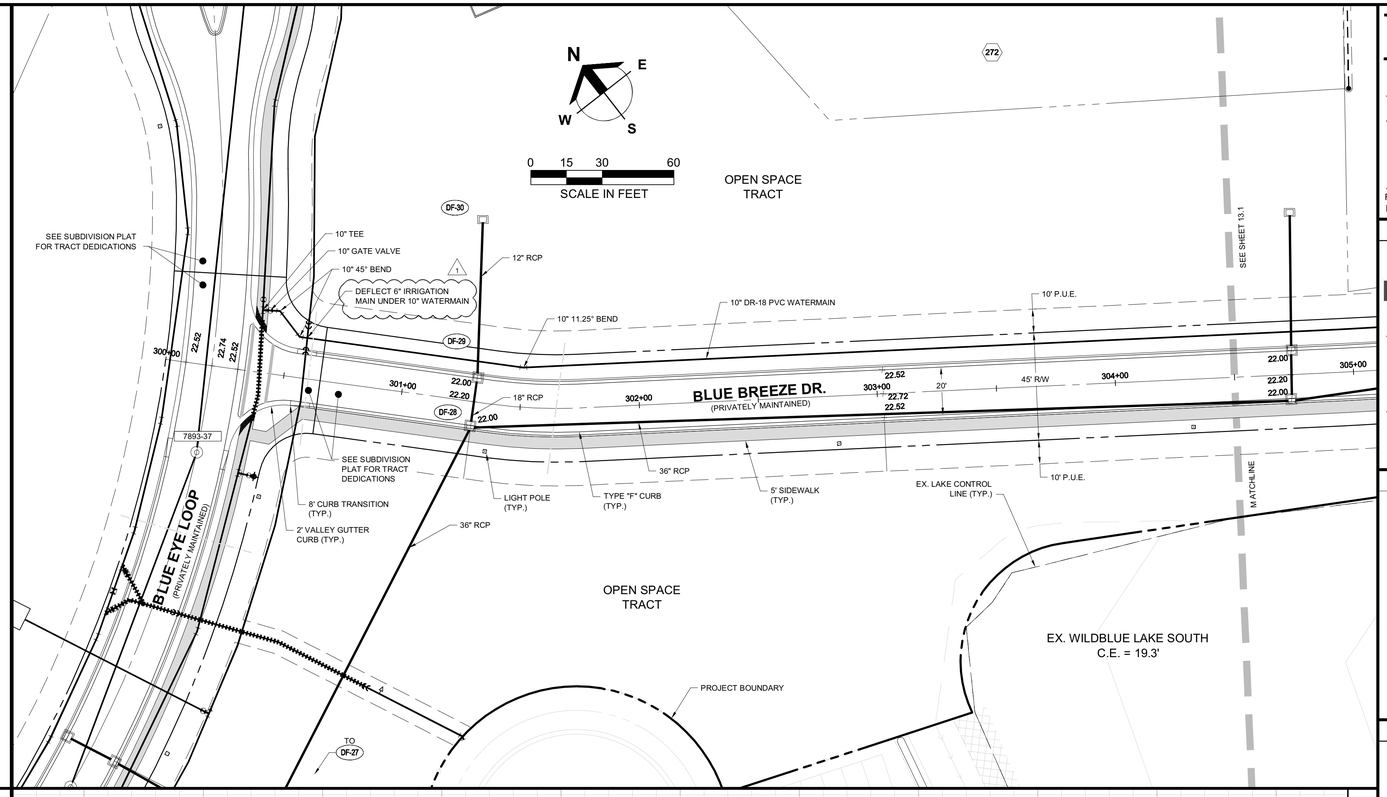
PLAN AND PROFILE
BLUE EYE LOOP
STA: 245+50 TO END

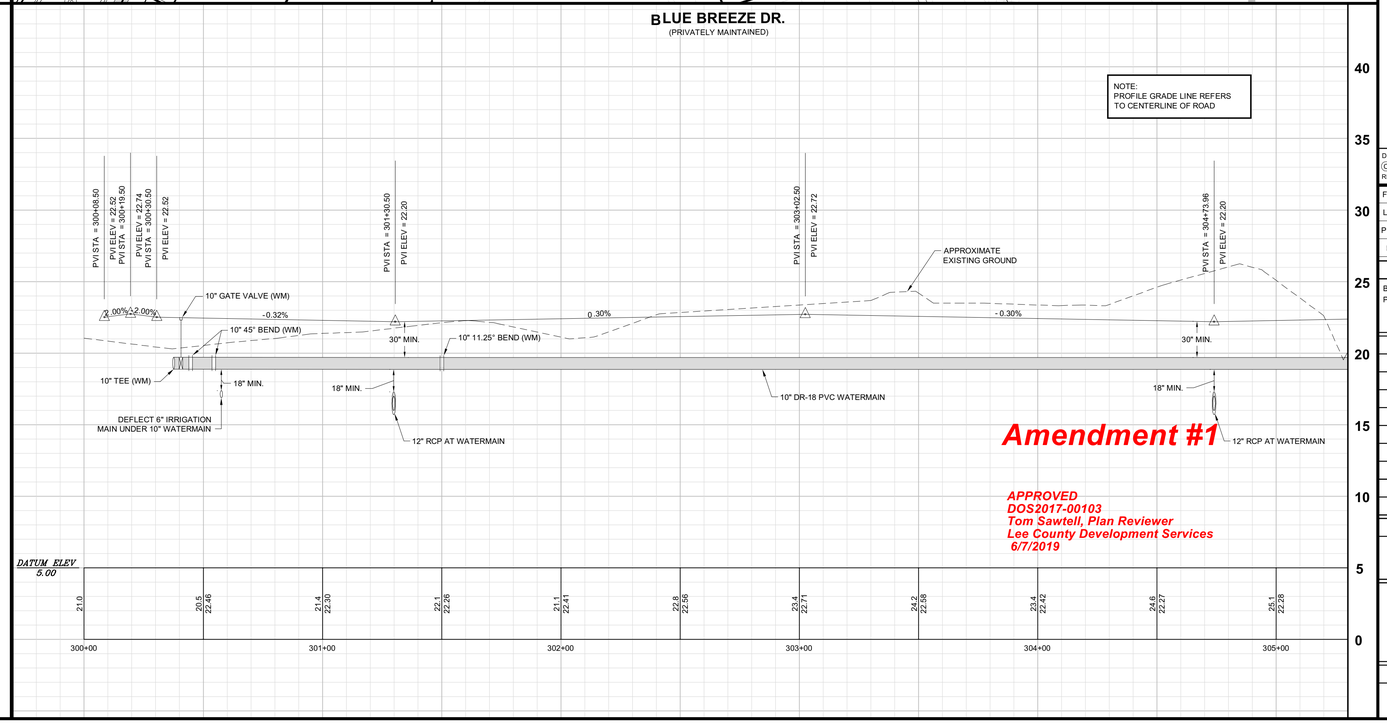
PROJECT / FILE NO.	SHEET NUMBER
23675	12.6

DOS2017-00103 Lee County ePlan

NOTES:

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PREPARED FOR

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PROJECT DESCRIPTION

WildBlue

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ENGINEER OF RECORD

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FILE NAME	23675A30D.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:57 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

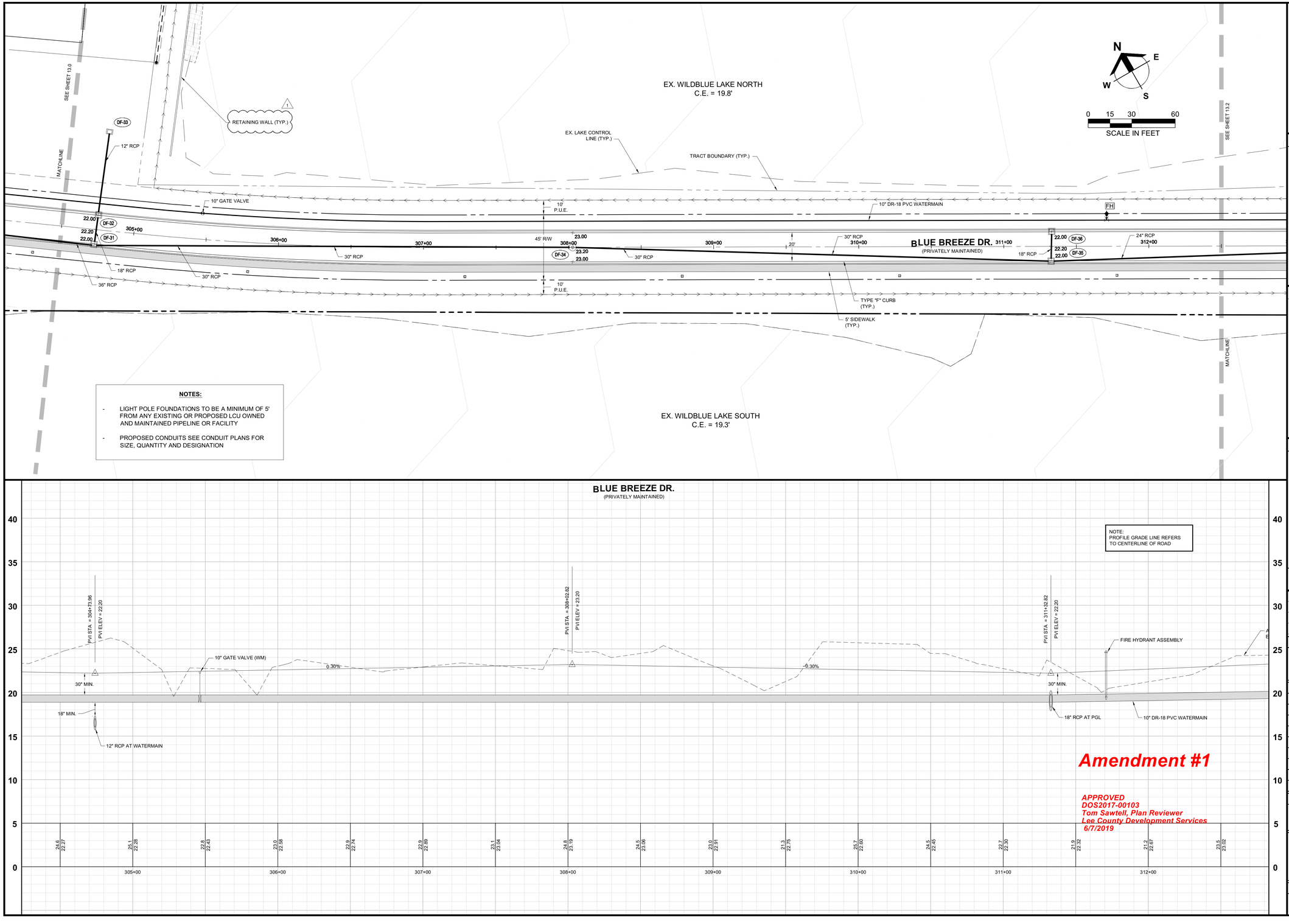
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE BLUE BREEZE DR. STA:300+00 TO 304+50

PROJECT / FILE NO.	SHEET NUMBER
23675	13.0

DOS2017-00103 Lee County ePlan



NOTES:

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TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A30D.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:57 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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PROFILE = 23675A00P.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

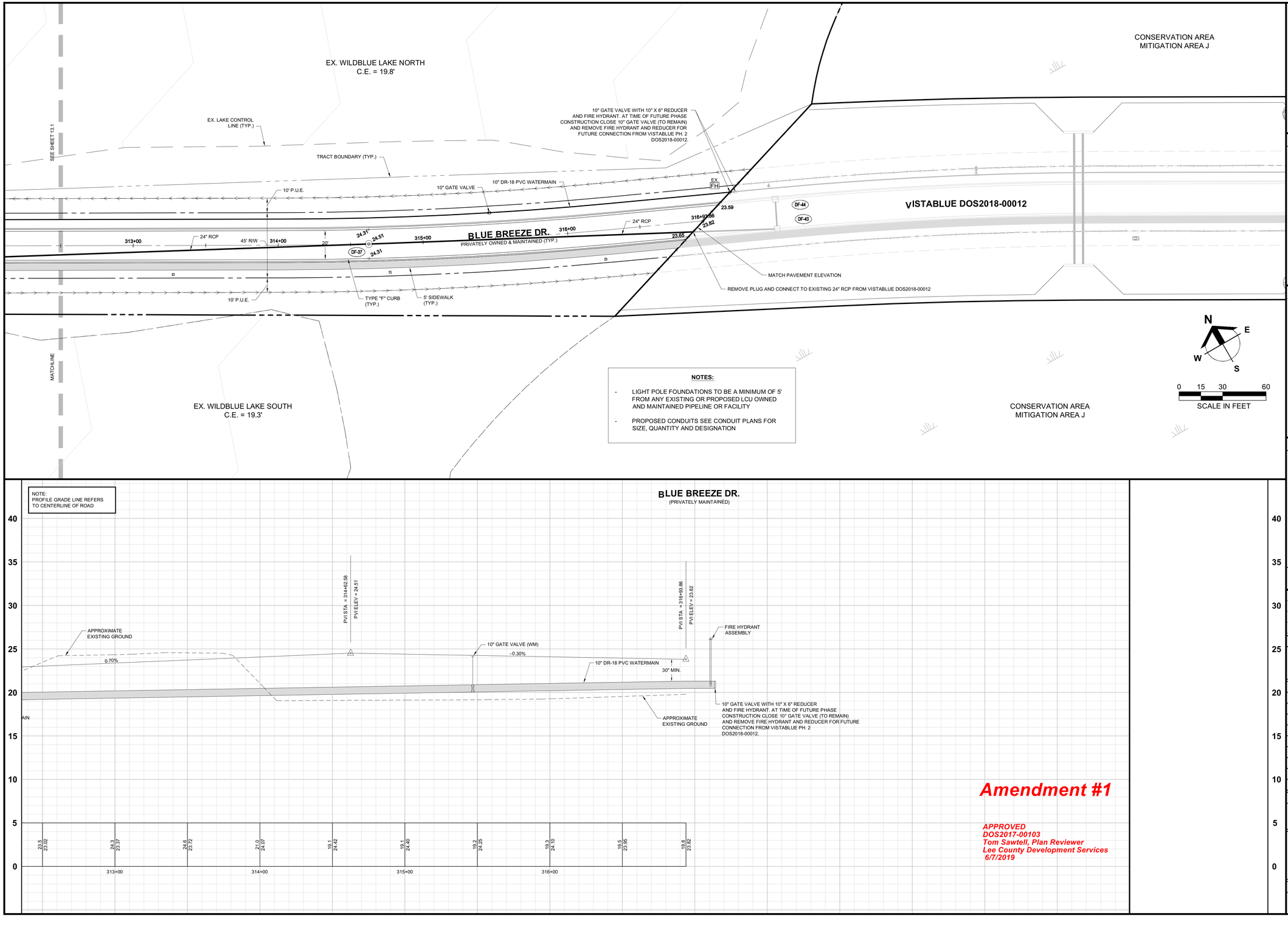
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE BLUE BREEZE DR. STA: 304+50 TO 312+50

PROJECT / FILE NO.	SHEET NUMBER
23675	13.1

DOS2017-00103 Lee County ePlan



NOTES:

- LIGHT POLE FOUNDATIONS TO BE A MINIMUM OF 5' FROM ANY EXISTING OR PROPOSED LCU OWNED AND MAINTAINED PIPELINE OR FACILITY
- PROPOSED CONDUITS SEE CONDUIT PLANS FOR SIZE, QUANTITY AND DESIGNATION

NOTE:
PROFILE GRADE LINE REFERS
TO CENTERLINE OF ROAD

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

PHONE (239) 278-1177
FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLAN REVISIONS

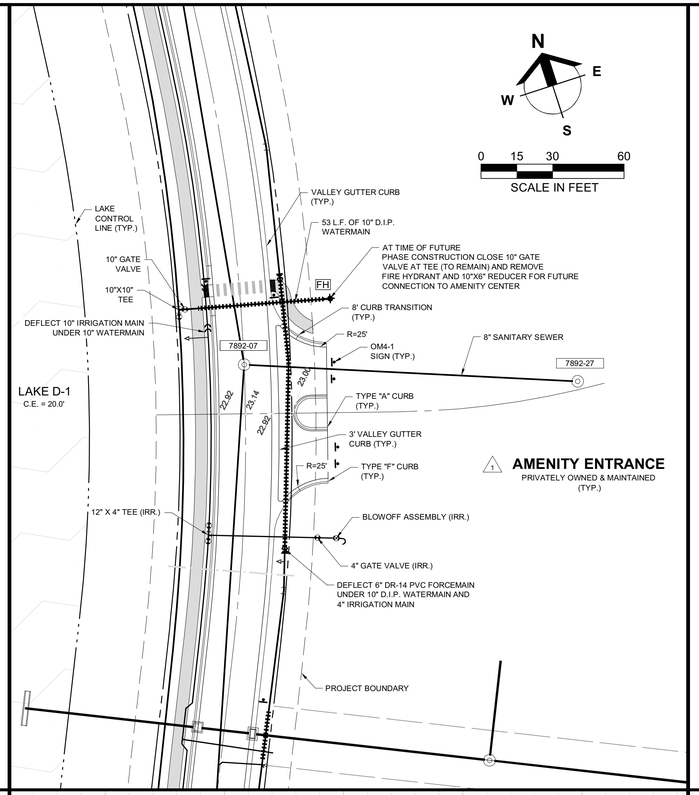
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILE BLUE BREEZE DR. STA: 312+50 TO END

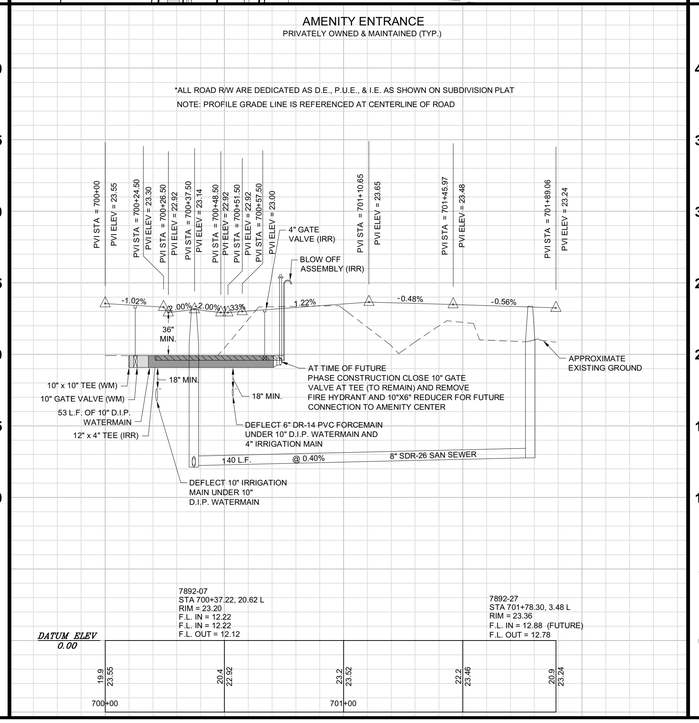
PROJECT / FILE NO.	SHEET NUMBER
23675	13.2

DOS2017-00103 Lee County ePlan



NOTES:

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PLOT BY	SCOTT WHEELER JR

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BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

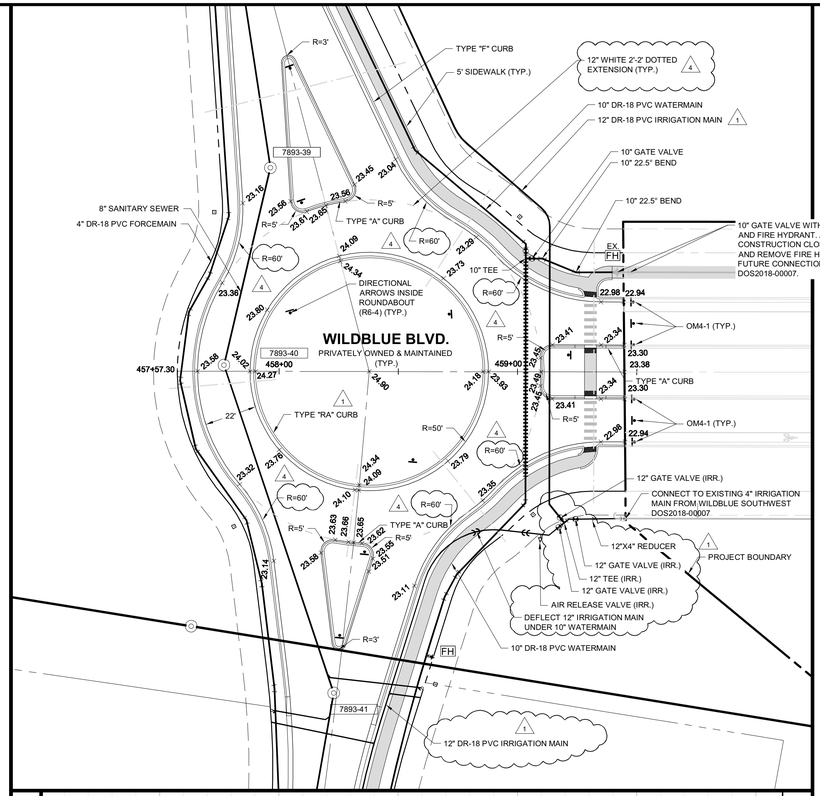
11-12-18	D.O. AMENDMENT #1 CHANGES (1)

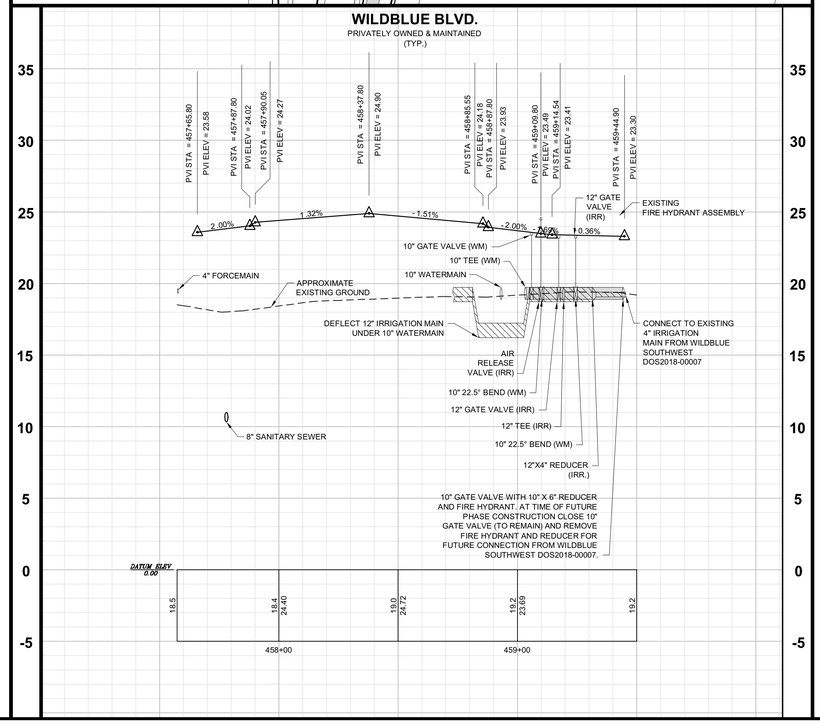
PLAN STATUS

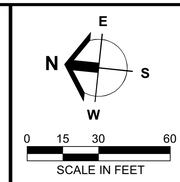
D.O. AMENDMENT #1
05-16-19

(1) PLAN AND PROFILE AMENITY ENTRANCE STA: 700+00 TO END

PROJECT / FILE NO.	SHEET NUMBER
23675	14.0







NOTES:

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Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PREPARED FOR

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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PLOT DATE	THU. 5-16-2019 - 4:58 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
PROFILE = 23675A00P.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES (1)
05-16-19	D.O. COMMENTS DATED 05-16-19 (2)

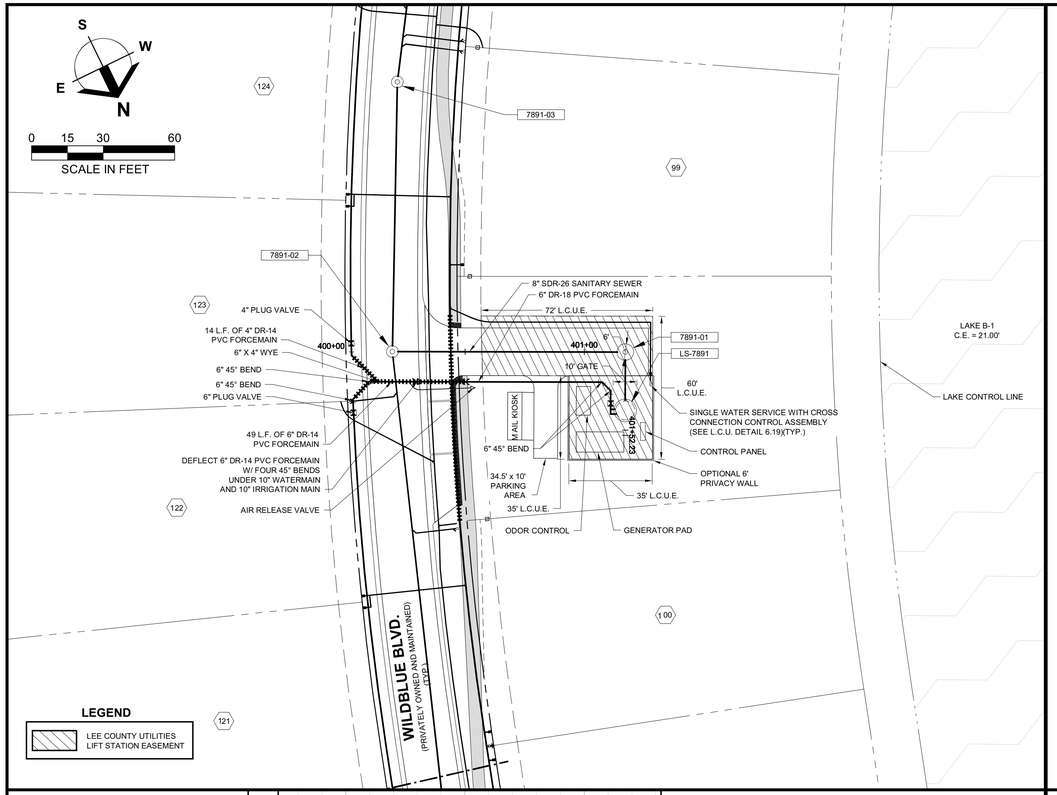
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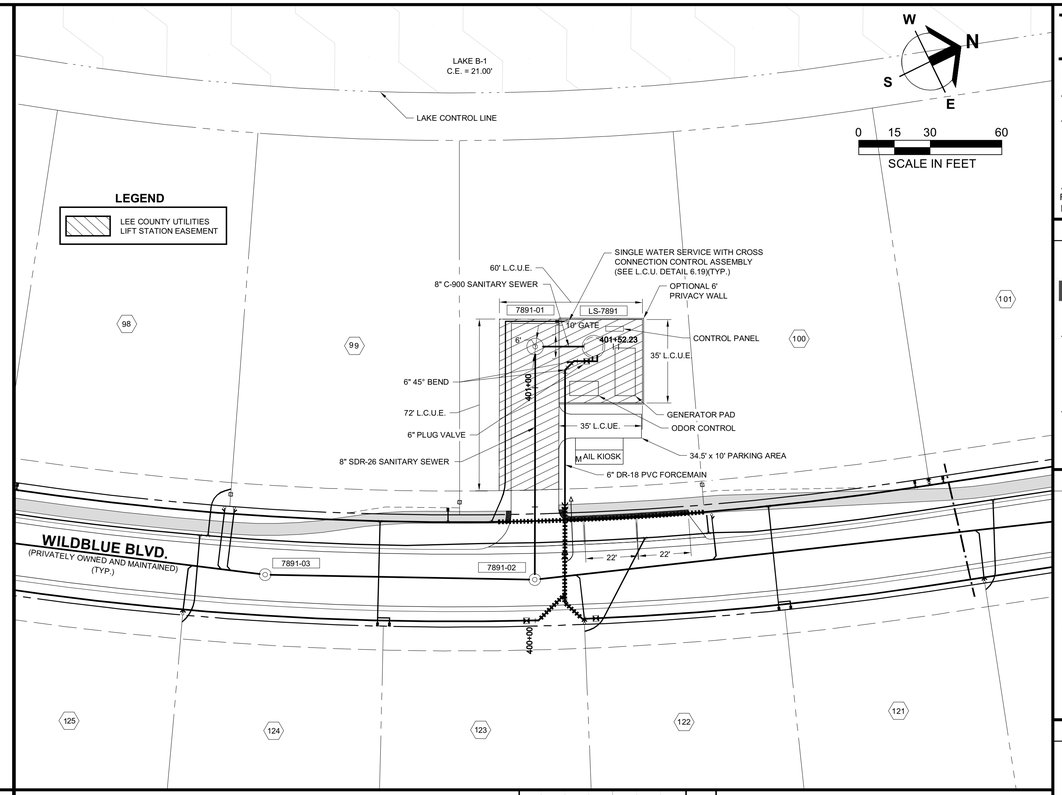
D.O. AMENDMENT #1
05-16-19

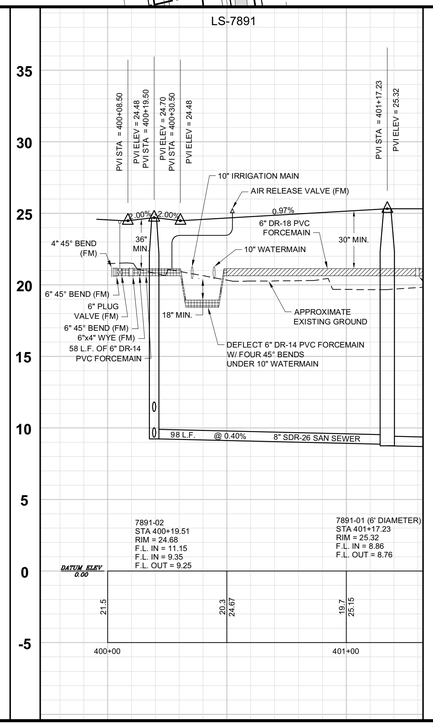
PLAN AND PROFILES WILDBLUE BLVD. ROUNDABOUT

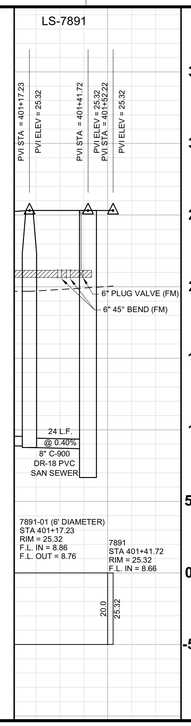
PROJECT / FILE NO.	SHEET NUMBER
23675	15.0

DOS2017-00103 Lee County ePlan









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APPROVED
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6/7/2019

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SURVEY = 23372S00.DWG

PLAN REVISIONS

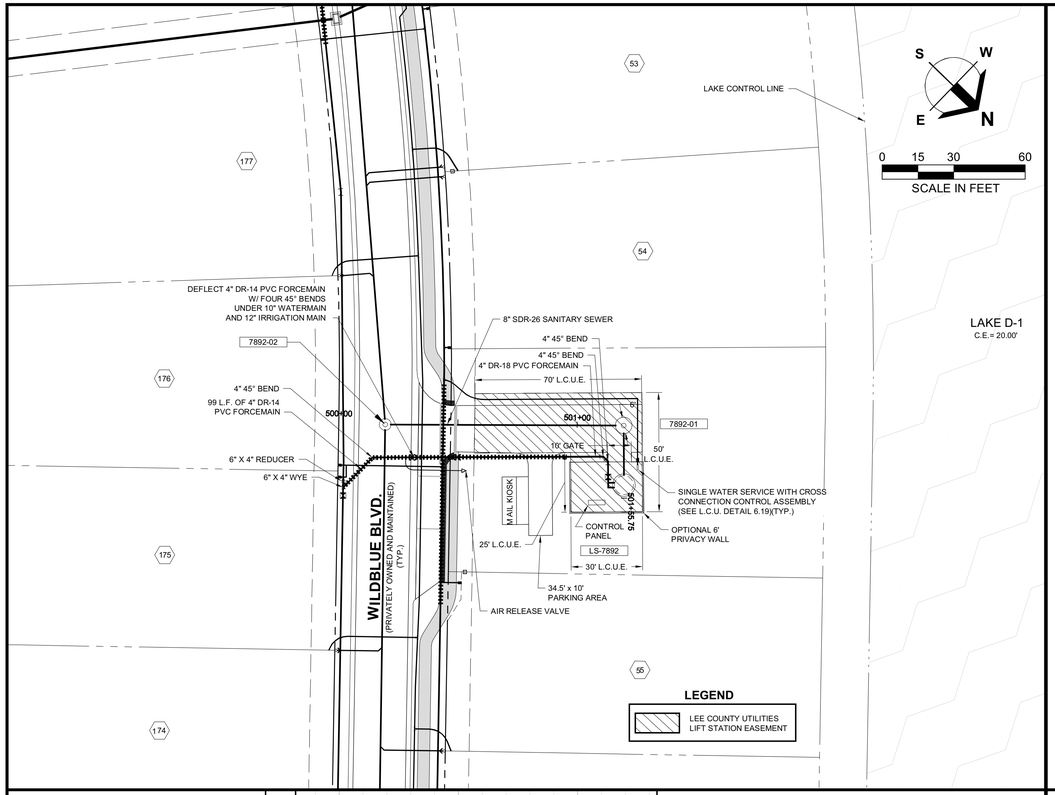
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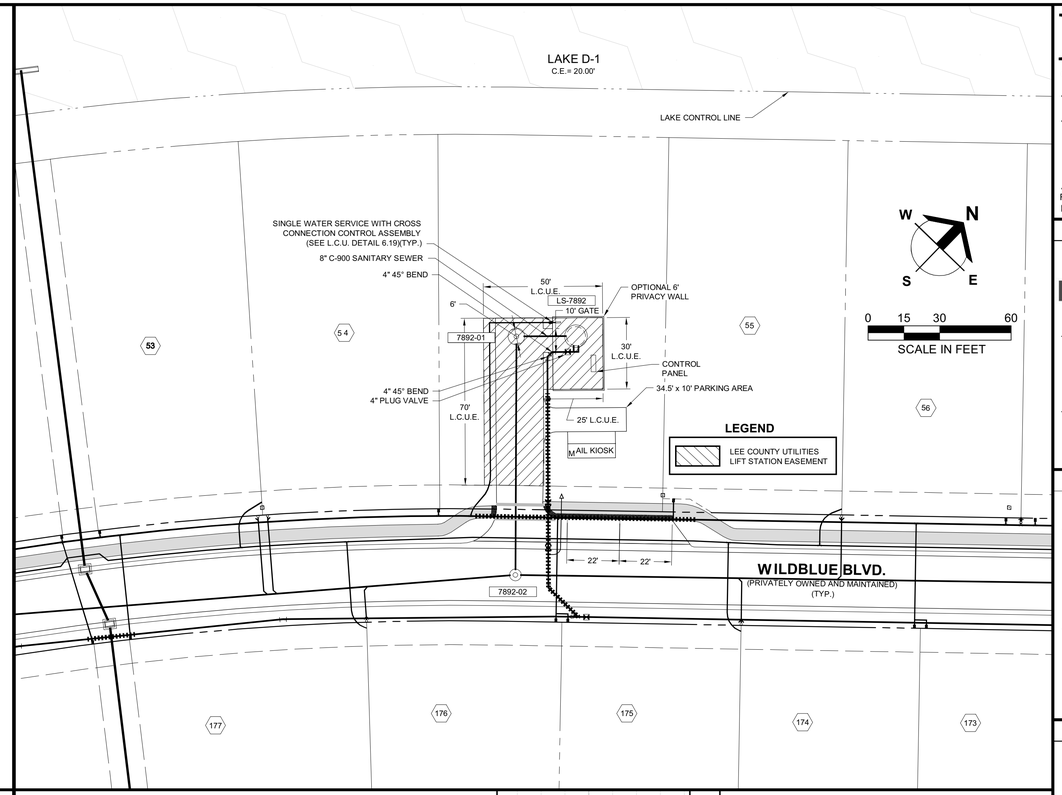
D.O. AMENDMENT #1
05-16-19

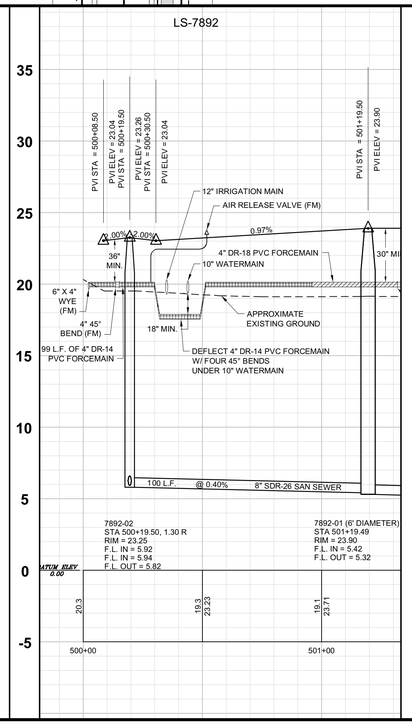
PLAN AND PROFILES LIFT STATION 7891

PROJECT / FILE NO.	SHEET NUMBER
23675	16.0

DOS2017-00103 Lee County ePlan

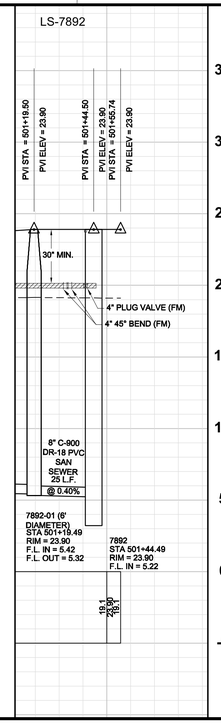






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Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

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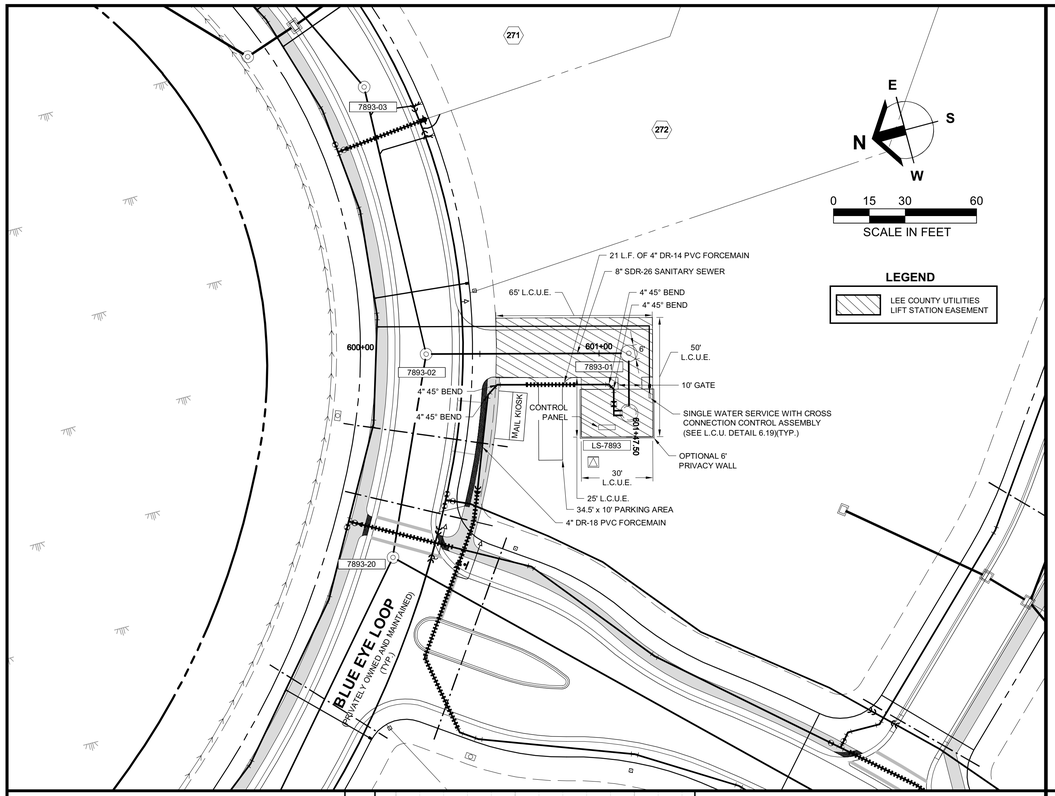
PLAN REVISIONS

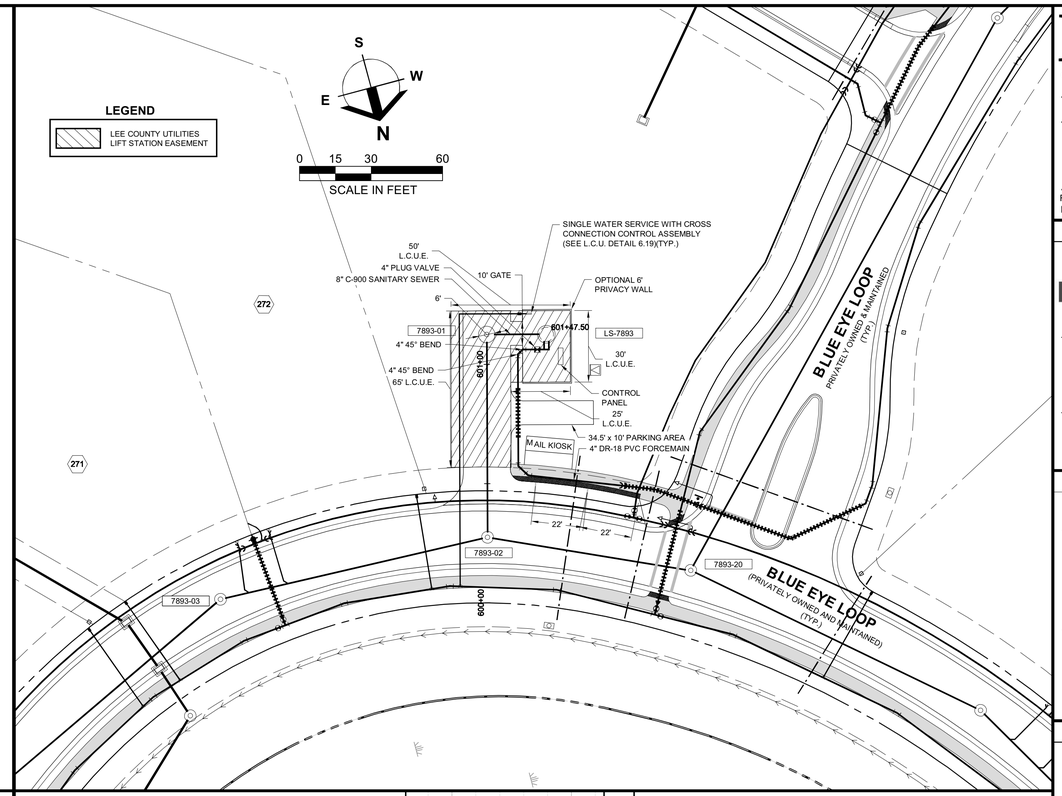
PLAN STATUS

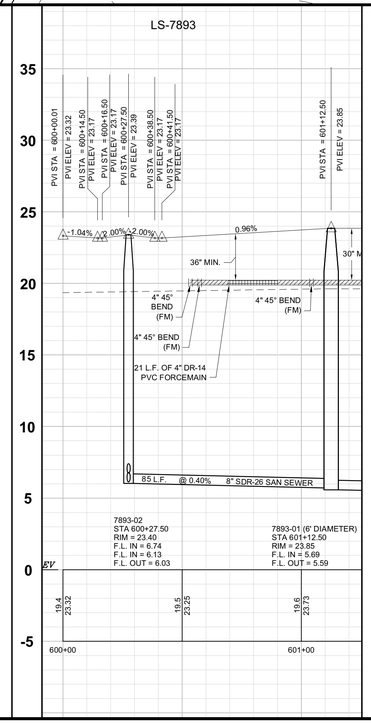
D.O. AMENDMENT #1
05-16-19

PLAN AND PROFILES LIFT STATION 7892

PROJECT / FILE NO.	SHEET NUMBER
23675	16.1

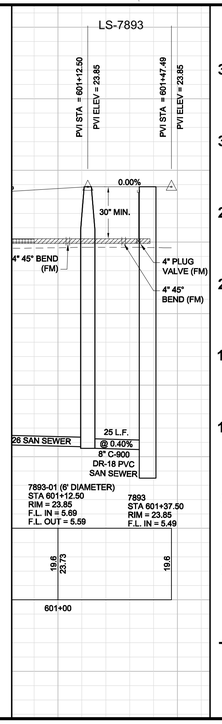






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PLAN REVISIONS

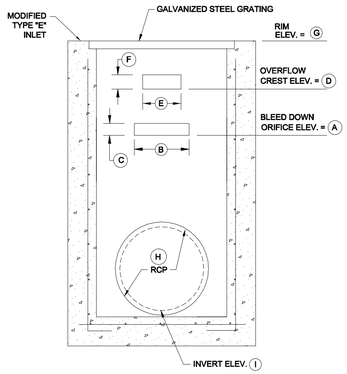
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

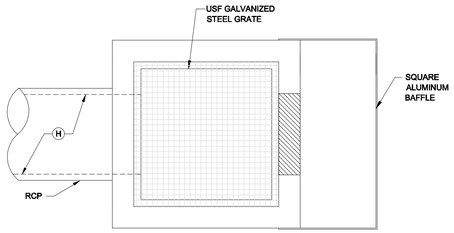
PLAN AND PROFILES LIFT STATION 7893

PROJECT / FILE NO.	SHEET NUMBER
23675	16.2

DOS2017-00103 Lee County ePlan



SECTION



PLAN

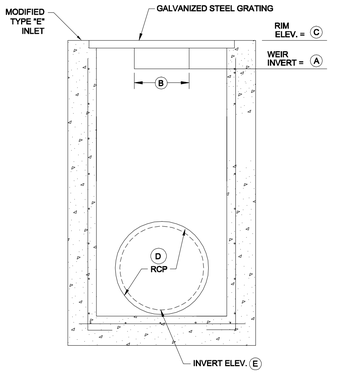
CONTROL STRUCTURE PARAMETERS	
A	INVERT OF BLEED DOWN ORIFICE (FT-NAVD)
B	WIDTH OF BLEED DOWN ORIFICE (INCHES)
C	HEIGHT OF BLEED DOWN ORIFICE (INCHES)
D	OVERFLOW CREST ELEVATION (FT-NAVD)
E	WIDTH OF OVERFLOW ORIFICE (INCHES)
F	HEIGHT OF OVERFLOW ORIFICE (INCHES)
G	RIM ELEVATION OF STRUCTURE (FT-NAVD)
H	PIPE DIAMETER (INCHES)
I	INVERT OF PIPE AT STRUCTURE (FT-NAVD)

CONTROL STRUCTURE SCHEDULE:

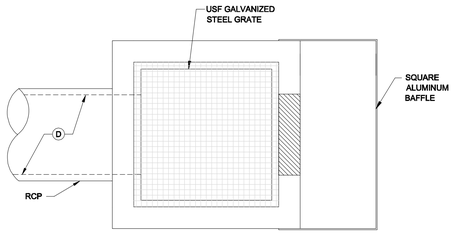
	A	B	C	D	E	F	G	H	I
CS-A-1	22.5'	11.0"	2.0"	22.9'	2.0"	3.0"	24.8'	18"	17.3'
CS-B-1 & CS-B-2	21.0'	9.0"	3.0"	21.7'	8.0"	3.0"	23.0'	24"	16.5'
CS-D-1 & CS-D-2	20.0'	12.0"	2.0"	20.7'	10.5"	2.0"	22.0'	24"	15.0'
CS-F-1 & CS-F-2	19.5'	10.0"	3.0"	20.2'	7.5"	2.0"	21.9'	24"	15.0'

CONTROL STRUCTURES: GROUP 1

CS-A-1, CS-B-1&2, CS-D-1&2, CS-F-1&2



SECTION



PLAN

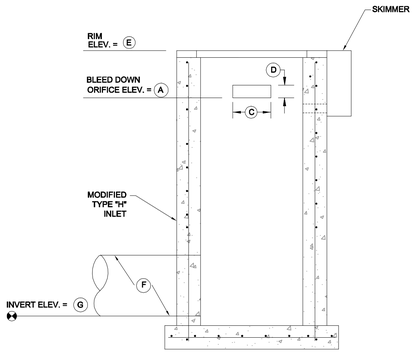
CONTROL STRUCTURE PARAMETERS	
A	INVERT OF BLEED DOWN WEIR (FT-NAVD)
B	WIDTH OF BLEED DOWN WEIR (INCHES)
C	RIM ELEVATION OF STRUCTURE (FT-NAVD)
D	PIPE DIAMETER (INCHES)
E	INVERT OF PIPE AT STRUCTURE (FT-NAVD)

CONTROL STRUCTURE SCHEDULE:

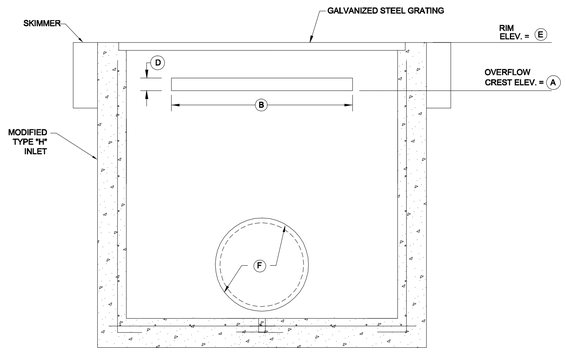
	A	B	C	D	E
CS-E-1	20.0'	30"	20.3'	30"	15.3'

CONTROL STRUCTURES: GROUP 2

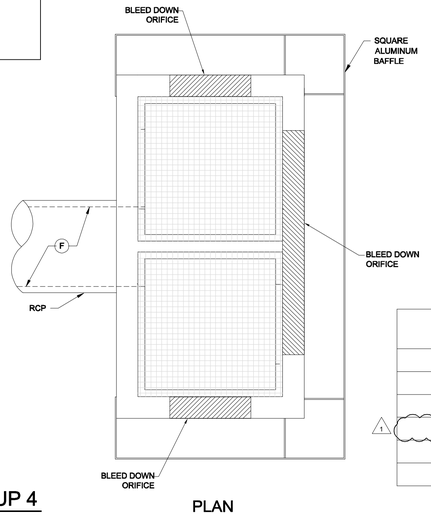
CS-E-1



SIDE



SECTION



PLAN

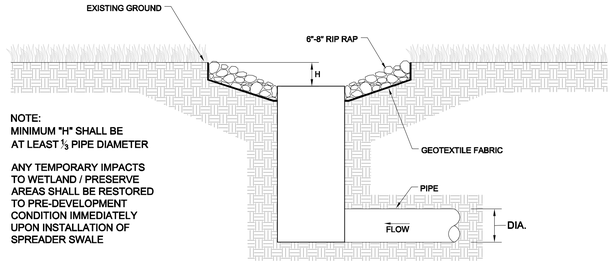
CONTROL STRUCTURE PARAMETERS	
A	INVERT OF BLEED DOWN ORIFICE (FT-NAVD)
B	WIDTH OF FRONT BLEED DOWN ORIFICE (INCHES)
C	WIDTH OF SIDE BLEED DOWN ORIFICES (INCHES)
D	HEIGHT OF BLEED DOWN ORIFICES (INCHES)
E	RIM ELEVATION OF STRUCTURE (FT-NAVD)
F	PIPE DIAMETER (INCHES)
G	INVERT OF PIPE AT STRUCTURE (FT-NAVD)

CONTROL STRUCTURE SCHEDULE:

	A	B	C	D	E	F	G
CS-B-3	-	-	-	-	21.7'	42"	9.20'
CS-D-3	-	-	-	-	20.7'	42"	8.80'
CS-F-3	-	-	-	-	20.2'	42"	13.5'
CS-FSN	-	-	-	-	22.5'	36"	17.5'
CS-FSS	-	-	-	-	20.6'	24"	15.3'

CONTROL STRUCTURES: GROUP 4

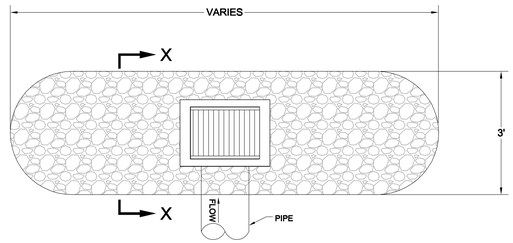
CS-B-3, CS-D-3, CS-F-3, CS-FSN, & CS-FSS



NOTE:
MINIMUM "H" SHALL BE AT LEAST 1/3 PIPE DIAMETER

ANY TEMPORARY IMPACTS TO WETLAND / PRESERVE AREAS SHALL BE RESTORED TO PRE-DEVELOPMENT CONDITION IMMEDIATELY UPON INSTALLATION OF SPREADER SWALE

SECTION X-X



SPREADER SWALE

N.T.S.

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

Barraco and Associates, Inc.
CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING
www.barraco.net
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FAX (239) 461-3169
FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

PHONE (239) 278-1177
FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A42.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:59 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

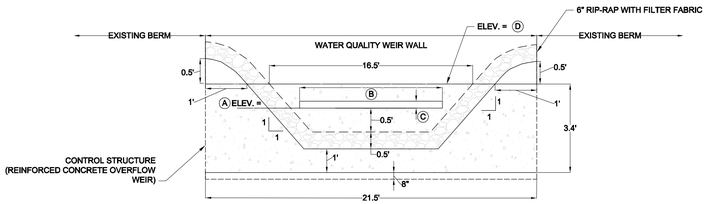
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

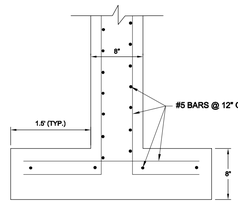
CONTROL STRUCTURE DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	17.0

DOS2017-00103 Lee County ePlan

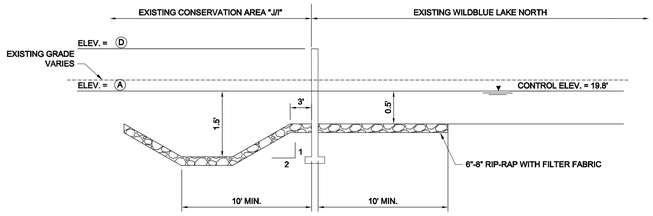


ELEVATION VIEW
(RECTANGULAR ORIFICE)
N.T.S



REINFORCING STEEL DETAIL
N.T.S.

NOTES:
1. ALL REINFORCING STEEL AS SHOWN SHALL HAVE 2" MIN COVER
2. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS



PROFILE VIEW
WEIR WALL CONTROL STRUCTURE
N.T.S.

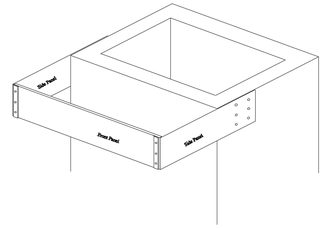
CONTROL STRUCTURE PARAMETERS

A	INVERT OF BLEED DOWN ORIFICE (FT-NAVD)
B	WIDTH OF RECTANGULAR NOTCH/ DIAMETER OF CIRCULAR BLEEDER (INCHES)
C	HEIGHT OF RECTANGULAR NOTCH/ DIAMETER OF CIRCULAR BLEEDER (INCHES)
D	TOP OF WEIR WALL ELEVATION (FT-NAVD)

WEIR WALL CONTROL STRUCTURE SCHEDULE:

	A	B	C	D
CS-WBLN-1 & 2	19.8'	144"	4"	21.2'

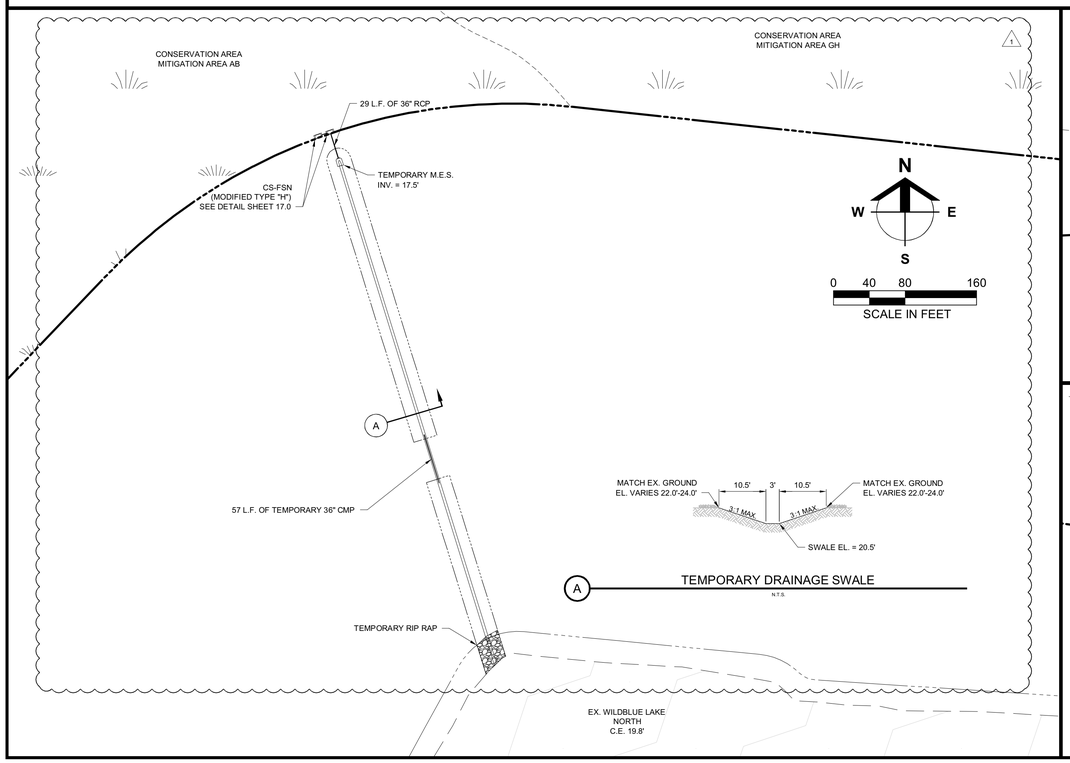
SKIMMER FOR OUTLET CONTROL STRUCTURES

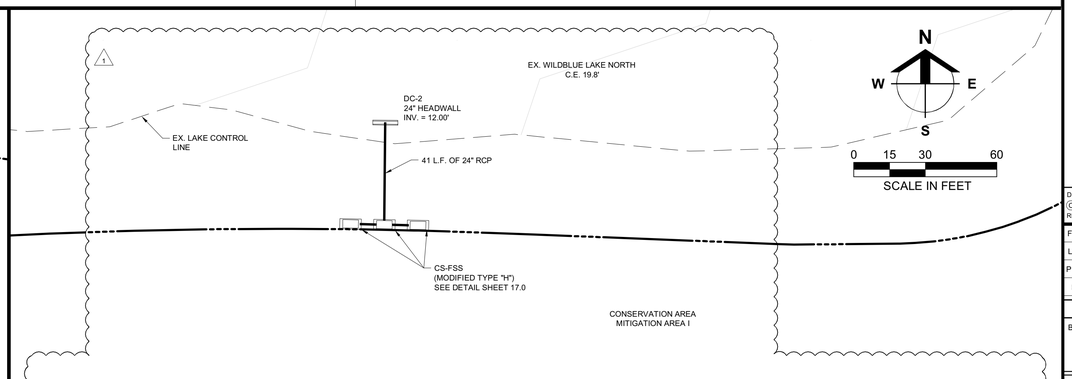


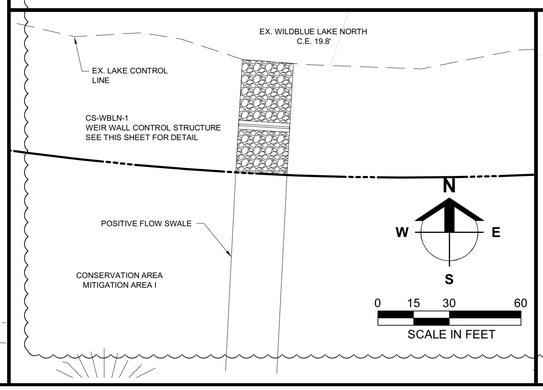
PICTORIAL VIEW

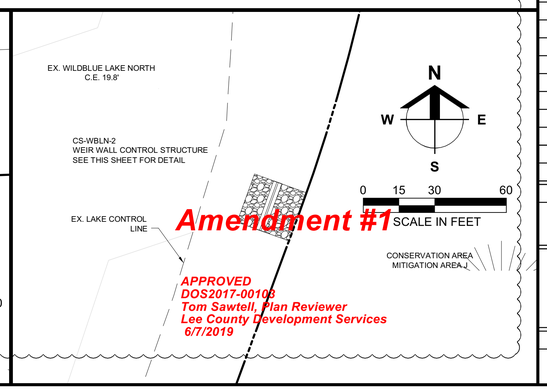
GENERAL SKIMMER NOTES
(REFER TO FDOT INDEX 240 FOR FURTHER DETAILS)

1. THIS SKIMMER IS INTENDED FOR USE ON TYPE C, D, OR E DITCH BOTTOM INLETS THAT ARE USED AS OUTLET CONTROL STRUCTURES OF STORMWATER MANAGEMENT FACILITIES.
2. THE SIDE PANELS ARE DIMENSIONALLY SYMMETRIC, THEREFORE THEY MAY BE USED ON EITHER SIDE OF THE STRUCTURE.
3. TWO (2) SKIMMERS MAY BE CONSTRUCTED ON ONE STRUCTURE PROVIDED THEY ARE ON OPPOSITE ENDS.
4. THE WIDTH OF THE FRONT PANEL (DIMENSION W) SHALL BE THE SAME AS THE OUTSIDE DIMENSION ACROSS THE FRONT OF THE STRUCTURE.
5. THE FRONT PANEL, SIDE PANELS, AND FLAT BARS ARE TO BE HOT DIP GALVANIZE AFTER FABRICATION.
6. THE LOCATION OF THE REINFORCING STEEL IN THESE STRUCTURES MUST CONFORM TO THE APPLICABLE STANDARDS TO AVOID CONFLICT WITH THE EXPANSION ANCHORS USED TO ATTACH THE SKIMMER.
7. GRATES TO BE USED ON THE INLETS UNLESS OTHERWISE SPECIFIED IN THE PLANS.
8. A SKIMMER CONSISTS OF TWO (2) SIDE PANELS, ONE FRONT PANEL, TWO (2) FLAT BARS, AND ACCESSORY HARDWARE. THE COST OF THE SKIMMERS IS TO BE INCLUDED IN THE COST OF THE INLET.









Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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WildBlue

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PLOT DATE	THU. 5-16-2019 - 4:59 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

CONTROL STRUCTURE DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	17.1

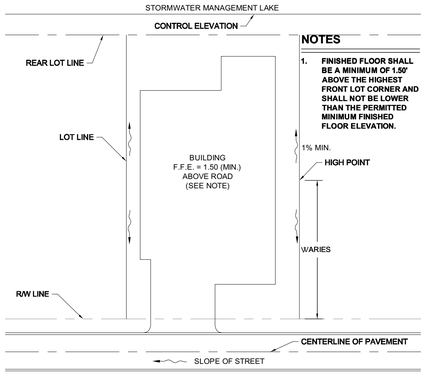
DOS2017-00103 Lee County ePlan

LOT DIMENSIONS TABLE

LOT #	WIDTH (')	DEPTH (')	Area (SF)
MIN.	50	100	5,000
1	75.6	156.5	11,720
2	75.2	156.0	11,733
3	77.7	154.6	12,226
4	86.7	154.9	13,678
5	85.2	157.0	13,598
6	85.2	156.7	13,616
7	75.8	157.0	12,106
8	75.2	156.8	12,021
9	73.5	157.0	11,998
10	86.0	157.0	11,806
11	78.5	157.0	12,259
12	80.0	157.0	12,387
13	77.3	156.8	11,967
14	77.3	156.8	11,967
15	77.3	156.8	11,967
16	77.3	157.2	11,967
17	77.3	156.8	11,967
18	77.3	157.2	11,967
19	77.3	157.0	11,967
20	79.9	157.0	12,364
21	79.9	156.8	12,364
22	77.3	157.0	11,967
23	77.4	157.0	11,984
24	77.5	157.0	12,005
25	75.2	157.0	11,771
26	75.2	148.7	11,179
27	78.9	154.0	11,930
28	78.6	159.6	12,359
29	89.0	157.2	12,854
30	102.8	157.0	13,895
31	98.2	157.0	13,550
32	75.2	157.0	11,806
33	75.2	157.1	12,502
34	75.0	157.0	13,681
35	77.5	157.0	14,135
36	77.5	157.0	14,135
37	75.0	157.0	13,681
38	75.0	157.0	13,681
39	75.0	157.0	13,681
40	75.0	157.0	13,681
41	75.2	157.1	12,044
42	75.8	157.0	14,205
43	77.5	157.0	14,135
44	77.5	157.0	14,135
45	75.0	157.0	13,681
46	75.0	157.0	13,681
47	75.1	157.1	12,850
48	75.2	157.0	11,806
49	75.2	157.0	11,806
50	75.2	157.0	11,806
51	80.2	157.0	12,598
52	77.7	157.0	12,439
53	77.8	157.0	12,839
54	75.4	157.0	12,446
55	75.2	157.0	11,806
56	75.2	157.0	11,806
57	75.2	157.0	11,806
58	75.2	157.0	11,806
59	100.8	157.0	13,751
60	115.5	157.1	16,281
61	77.7	157.0	12,199
62	75.2	157.0	11,806
63	75.2	157.0	11,806
64	75.2	157.0	11,806
65	75.2	156.8	11,803
66	75.2	154.3	11,581
67	75.2	157.0	11,806
68	84.2	157.1	12,485
69	106.1	157.0	14,344
70	114.1	157.1	13,475
71	75.2	157.0	11,806
72	75.2	157.0	11,806
73	75.2	157.0	12,128
74	75.2	157.0	12,744
75	75.2	157.0	12,744
76	75.2	157.0	12,744
77	75.2	157.0	12,744
78	75.2	157.0	12,744
79	77.7	157.0	12,984
80	77.7	157.0	12,199
81	75.2	157.0	11,806
82	75.2	157.0	11,806
83	75.2	157.0	11,806
84	75.2	157.0	11,806
85	75.2	157.0	11,806
86	75.2	157.0	11,806
87	75.2	157.0	11,806
88	77.7	157.0	12,199
89	77.7	157.0	12,199
90	76.7	157.0	12,042
91	75.2	157.0	11,806
92	75.2	157.0	11,806

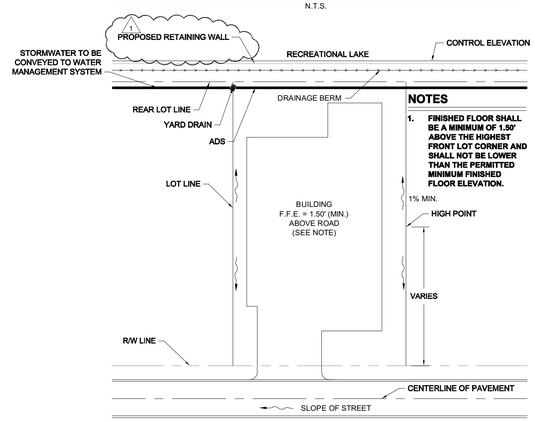
LOT #	WIDTH (')	DEPTH (')	Area (SF)
MIN.	50	100	5,000
93	93.8	157.0	14,083
94	95.3	157.0	14,208
95	95.3	157.0	14,208
96	97.0	157.0	14,458
97	97.0	157.0	14,458
98	95.3	157.0	14,208
99	95.3	157.0	14,208
100	55.4	157.0	14,163
101	85.2	157.0	13,376
102	86.7	157.0	13,612
103	86.7	157.0	13,612
104	85.2	157.0	13,831
105	85.0	157.0	15,491
106	85.0	157.0	15,491
107	85.0	157.0	15,491
108	83.3	157.0	15,491
109	85.0	157.0	15,491
110	86.5	157.0	15,455
111	86.7	157.0	13,612
112	100.7	269.2	26,911
113	86.7	273.5	23,710
114	120.4	277.9	24,008
115	137.8	270.4	23,103
116	137.8	248.0	22,415
117	105.8	217.3	19,636
118	86.7	209.9	18,198
119	86.7	206.5	17,900
120	85.2	203.0	17,299
121	85.2	199.7	17,809
122	85.2	195.1	17,630
123	85.2	187.0	16,853
124	85.2	176.8	15,915
125	85.2	171.7	15,423
126	86.7	172.7	15,791
127	86.7	180.0	16,481
128	85.2	188.6	17,007
129	85.2	193.8	17,507
130	85.2	195.6	17,682
131	85.2	195.4	17,432
132	85.2	198.5	16,911
133	75.2	202.5	15,228
134	75.2	205.3	15,435
135	78.2	208.0	16,270
136	77.7	210.9	16,387
137	75.2	213.7	16,070
138	75.2	216.4	16,276
139	75.2	219.2	16,483
140	75.2	221.9	16,689
141	75.2	224.7	16,895
142	75.2	227.4	17,102
143	74.7	230.2	17,193
144	75.2	233.0	18,217
145	94.2	234.3	18,833
146	90.7	228.9	17,801
147	90.7	215.1	16,991
148	90.7	201.5	16,088
149	86.5	187.3	15,182
150	75.2	177.8	13,404
151	75.2	179.1	13,501
152	91.8	188.9	17,359
153	78.8	206.9	16,066
154	79.0	234.5	17,663
155	82.8	275.0	20,657
156	83.3	319.4	24,005
157	81.0	296.4	21,823
158	77.0	285.8	21,451
159	77.7	366.1	28,447
160	75.2	371.5	27,725
161	75.2	281.7	19,800
162	75.2	229.4	17,264
163	75.2	227.4	17,108
164	75.2	225.3	16,952
165	75.5	223.4	16,796
166	75.2	221.3	16,641
167	77.7	219.2	17,030
168	77.7	217.4	18,089
169	75.1	220.6	19,585
170	75.1	239.0	21,266
171	75.2	193.9	15,811
172	75.2	203.7	15,320
173	75.2	216.7	16,298
174	75.2	229.7	17,276
175	75.2	242.7	18,223
176	81.1	221.0	17,040
177	106.0	213.1	20,783
178	83.2	209.8	16,885
179	80.2	204.4	16,391
180	80.2	198.6	15,931
181	75.2	193.1	14,520
182	75.2	188.0	14,118
183	104.6	190.5	16,249
184	134.9	205.3	19,960

LOT #	WIDTH (')	DEPTH (')	Area (SF)
MIN.	50	100	5,000
185	134.7	201.1	19,718
186	93.7	179.4	15,441
187	154.4	230.7	24,378
188	132.9	256.6	23,398
189	108.9	255.4	26,820
190	84.0	229.4	17,250
191	84.4	206.7	15,621
192	81.0	221.8	16,439
193	77.3	197.7	14,899
194	75.5	184.3	13,894
195	75.4	182.1	13,725
196	79.2	191.1	14,880
197	79.8	207.9	16,157
198	76.3	223.3	16,758
199	75.2	228.2	17,102
200	95.1	220.9	17,575
201	75.2	211.5	15,885
202	75.2	203.3	15,286
203	75.2	195.7	14,923
204	75.2	188.6	14,434
205	75.2	183.1	14,015
206	77.7	190.7	15,011
207	77.7	192.9	15,237
208	75.2	187.9	14,379
209	75.2	184.3	14,114
210	75.2	182.5	13,951
211	75.2	181.6	13,888
212	75.2	182.1	13,926
213	75.2	184.0	14,065
214	75.2	185.9	14,211
215	75.2	185.4	14,164
216	77.7	183.3	14,476
217	77.7	182.3	14,191
218	75.2	181.5	13,727
219	78.3	198.8	15,035
220	88.3	198.8	17,144
221	88.3	193.4	16,686
222	88.3	187.5	16,265
223	80.5	194.8	15,378
224	80.5	208.9	16,323
225	78.0	206.6	15,709
226	75.8	199.4	14,940
227	108.9	207.7	21,903
228	105.4	199.1	21,007
229	105.1	200.9	21,992
230	97.6	210.8	27,954
231	94.2	228.2	27,295
232	100.2	188.5	23,984
233	104.7	189.4	21,780
234	106.6	203.6	21,265
235	139.4	185.7	21,952
236	153.9	195.2	23,718
237	124.1	203.8	22,078
238	106.0	202.5	21,462
239	105.4	205.4	21,607
240	107.0	208.2	21,875
241	103.1	209.7	23,281
242	101.3	196.6	23,275
243	106.1	201.9	21,152
244	105.5	200.7	21,055
245	82.4	209.7	31,653
246	88.3	198.0	29,633
247	106.3	157.6	16,833
248	106.0	172.6	18,122
249	105.2	181.6	19,752
250	105.1	188.5	20,960
251	105.2	187.6	22,963
252	105.1	189.0	20,669
253	105.2	188.8	19,859
254	99.7	209.6	33,288
255	100.6	205.2	25,691
256	105.3	205.0	21,534
257	245.8	216.3	27,819
258	105.0	207.7	25,335
259	101.9	196.2	22,585
260	98.5	219.1	27,037
261	101.8	208.4	24,352
262	105.6	203.9	22,905
263	105.6	209.1	21,994
264	127.5	213.2	23,498
265	164.1	198.3	24,705
266	204.6	209.5	28,965
267	156.7	209.8	29,602
268	106.3	234.6	23,891
269	86.7	285.0	29,602
270	99.0	219.5	38,911
271	105.2	199.7	21,774
272	105.2	203.4	21,428



WATER MANAGEMENT LAKE TYPICAL LOT GRADING PLAN

N.T.S.

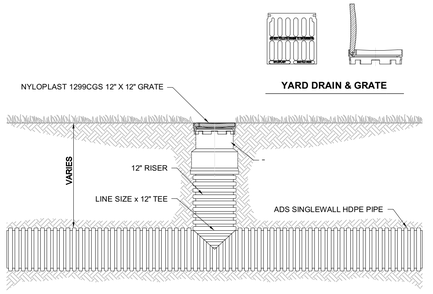


RECREATIONAL LAKE TYPICAL LOT GRADING PLAN

N.T.S.

NOTES

1. SEE DETAILED SITE PLANS FOR DRAINAGE PIPE SIZES AND INVERTS.
2. ALTERNATE PIPE MATERIALS MAY BE SUBMITTED TO ENGINEER FOR CONSIDERATION.
3. INSTALL PIPE AND YARD DRAIN IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
4. CONTRACTOR MAY UTILIZE LARGER PIPE SIZES THAN THOSE SHOWN ON PLANS AT NO ADDITIONAL COMPENSATION.

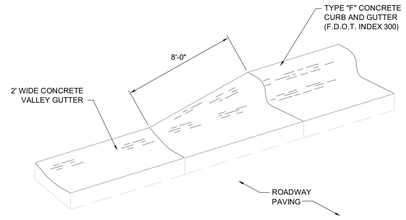


RESIDENTIAL YARD DRAIN

N.T.S.

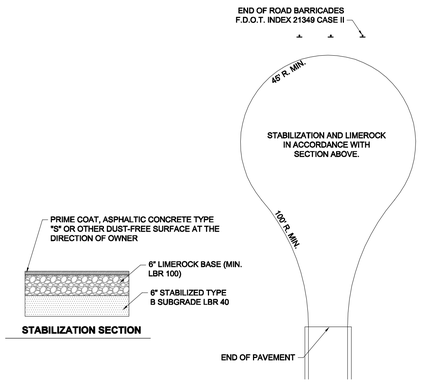
NOTES

1. CURB TRANSITION TO BE PAID FOR AS TYPE "F" CURB AND GUTTER.
2. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI. WITHIN 28 DAYS UNLESS NOTED OTHERWISE.
3. SEE F.D.O.T. DESIGN STANDARDS INDEX 300 FOR ADDITIONAL DETAILS.



VALLEY GUTTER TO "F" CURB TRANSITION

N.T.S.



TEMPORARY TURN AROUND

N.T.S.

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

PHONE (239) 278-1177
FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A44.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 4:59 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

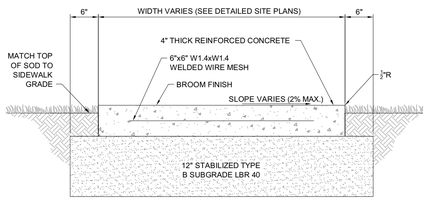
TYPICAL CONSTRUCTION DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	18.0

DOS2017-00103 Lee County ePlan

NOTES

1. PAVER BRICKS MAY BE UTILIZED IN PLACE OF CONCRETE SIDEWALK. SEE LANDSCAPE PLANS FOR PAVER BRICK LOCATIONS, THICKNESS, SIZE, COLOR, PATTERN, AND SPECIFICATIONS. PAVER BRICK SEALANT OR REPELLANT MAY BE USED AT THE OWNER'S DISCRETION.
2. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI. AT 28 DAYS.
3. SIDEWALK SHALL HAVE CONTRACTION JOINTS AT 5' INTERVALS AND AN EXPANSION JOINT EVERY 100'.
4. MAXIMUM LONGITUDINAL SLOPE FOR DISABLED ACCESSIBLE SIDEWALK SHALL BE 1:20.
5. TOP OF SOD TO BE FLUSH WITH SIDEWALK TO PROVIDE POSITIVE SLOPE TO PREVENT PONDING.
6. FIBER REINFORCEMENT MAY BE SUBSTITUTED FOR WIRE MESH REINFORCEMENT AT THE DISCRETION OF THE OWNER.
7. COST OF STABILIZED SUBGRADE FOR SIDEWALK TO BE INCLUDED IN UNIT COST FOR SIDEWALK.

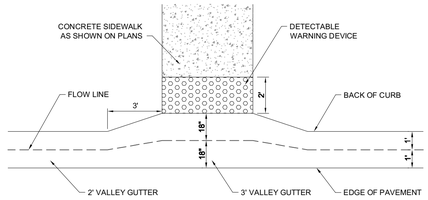


CONCRETE SIDEWALK

N.T.S.

NOTES

1. SEE "CONCRETE CURB DETAILS" FOR VALLEY GUTTER SECTIONS.
2. VALLEY GUTTER SLOPES SHALL NOT EXCEED 12:1 WHEN WITHIN LIMITS OF SIDEWALK CROSSING TO MEET ADA GUIDELINES.
3. MAINTAIN CONSISTENT FLOW LINE THROUGH CROSSING TO PREVENT PONDING.

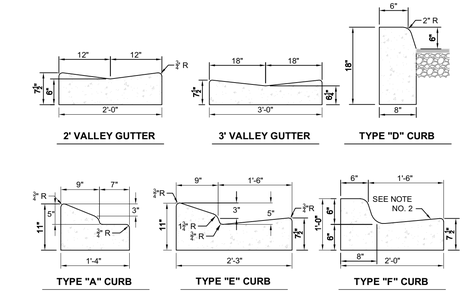


VALLEY GUTTER SIDEWALK CROSSING

N.T.S.

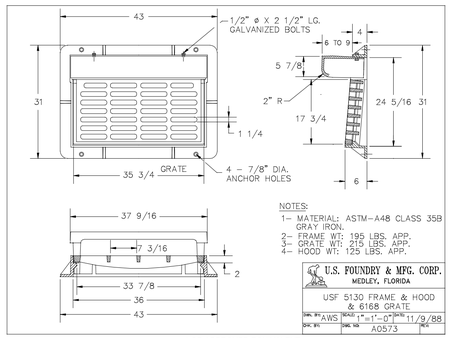
NOTES

1. SEE F.D.O.T. DESIGN STANDARDS INDEX 300 FOR ADDITIONAL DETAILS.
2. WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT. THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON PLANS.
3. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI. WITHIN 28 DAYS UNLESS NOTED OTHERWISE.



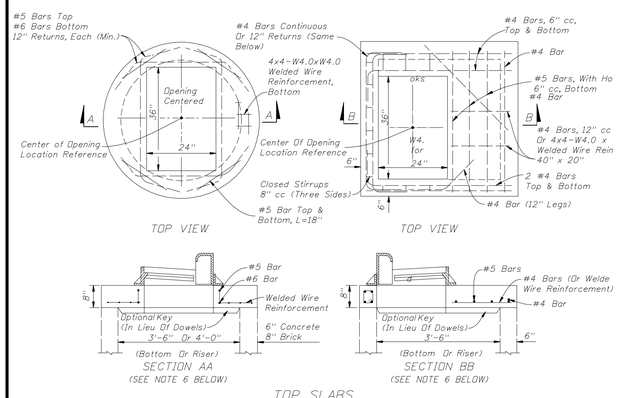
CONCRETE CURB

N.T.S.



* OR APPROVED EQUIVALENT

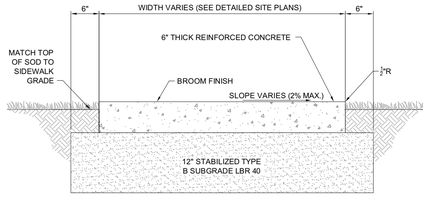
N.T.S.



NOTE: FOR MORE INFORMATION SEE FDOT INDEX #214

TYPE 9 CURB INLET

N.T.S.

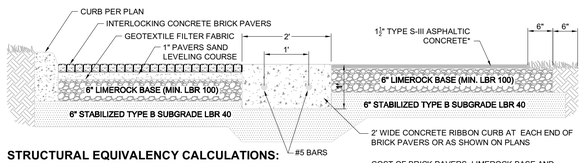


6" PLAIN CONCRETE DETAIL

N.T.S.

NOTES

1. LIMEROCK BASE AND STABILIZED SUBGRADE SHALL BE COMPACTED TO A MINIMUM OF 98% OF MODIFIED PROCTOR (AASHTO T-180).
2. 3" OF LIMEROCK BASE MATERIAL MAY SUBSTITUTED AS AN ALTERNATIVE DESIGN TO THE 6" STABILIZED SUBGRADE.
3. OPTIONAL BRICK PAVER SURFACE MAY BE UTILIZED FOR ALL OR PART OF THE ROADWAY OR PARKING SURFACES.
4. REFERENCE LANDSCAPE PLANS FOR PAVER BRICK LOCATIONS, THICKNESS, SIZE, COLOR, PATTERN, AND SPECIFICATIONS. SEALANT MAY BE UTILIZED AT THE DISCRETION OF OWNER.
5. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI. WITHIN 28 DAYS UNLESS NOTED OTHERWISE.



STRUCTURAL EQUIVALENCY CALCULATIONS:

STANDARD PAVEMENT SECTION	LAYER COEFFICIENT	THICKNESS	SUBTOTAL
TYPE S-III ASPHALT PAVEMENT	0.30 / INCH	1-1/2"	0.45
LIMEROCK BASE (LBR 100)	0.18 / INCH	6"	1.08
STABILIZED SUBGRADE (LBR 40)	0.08 / INCH	6"	0.48
TOTAL			2.01

PAVER BRICK SECTION:	LAYER COEFFICIENT	THICKNESS	SUBTOTAL
ECONOCRETE (1100 PSI)*	0.25 / INCH	2"	0.50
LIMEROCK BASE	0.18 / INCH	6"	1.08
STABILIZED SUBGRADE (LBR 40)	0.08 / INCH	6"	0.48
TOTAL			2.06

*PAVER BRICKS ARE 8,000 PSI. ECONOCRETE USED FOR COMPARISON ONLY.

COST OF BRICK PAVERS, LIMEROCK BASE AND SAND TO BE INCLUDED IN UNIT COST FOR BRICK PAVERS. COST OF SUBGRADE TO BE INCLUDED IN UNIT COST FOR STABILIZED SUBGRADE.

* TWO (2) 3/4" LIFTS OF TYPE S-III ASPHALTIC CONCRETE MAY BE PROVIDED AS AN ALTERNATE. THE FIRST LIFT SHALL BE PLACED PRIOR TO CERTIFICATE OF COMPLETION FOR SITE WORK. THE SECOND LIFT SHALL BE PLACED PRIOR TO RECEIVING THE CERTIFICATE OF OCCUPANCY FOR THE LAST UNIT IN EACH PHASE OF CONSTRUCTION.

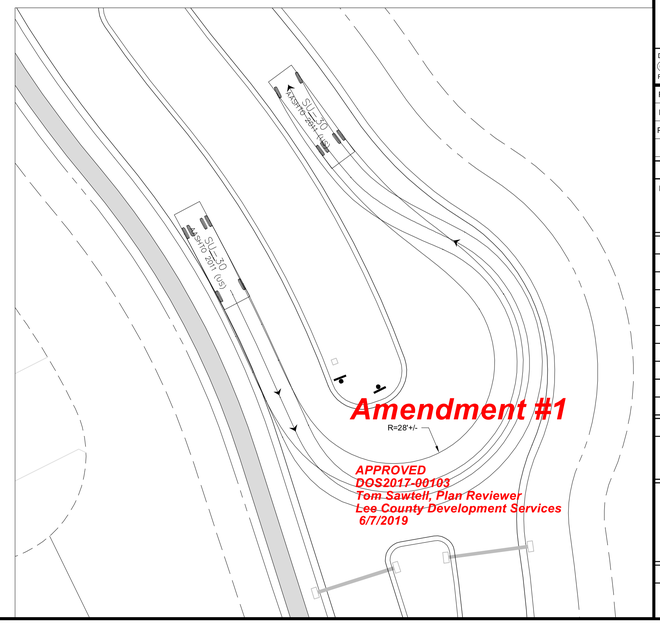
ALL UNPAVED AREAS WITHIN THE RIGHT OF WAY SHALL RECEIVE SOD OR SEED & MULCH.

TYPICAL PAVEMENT SECTION

N.T.S.

TURN-AROUND DETAIL @ GUARD HOUSE

(SU-30)
1" = 20'



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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

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FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A44.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 5:00 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

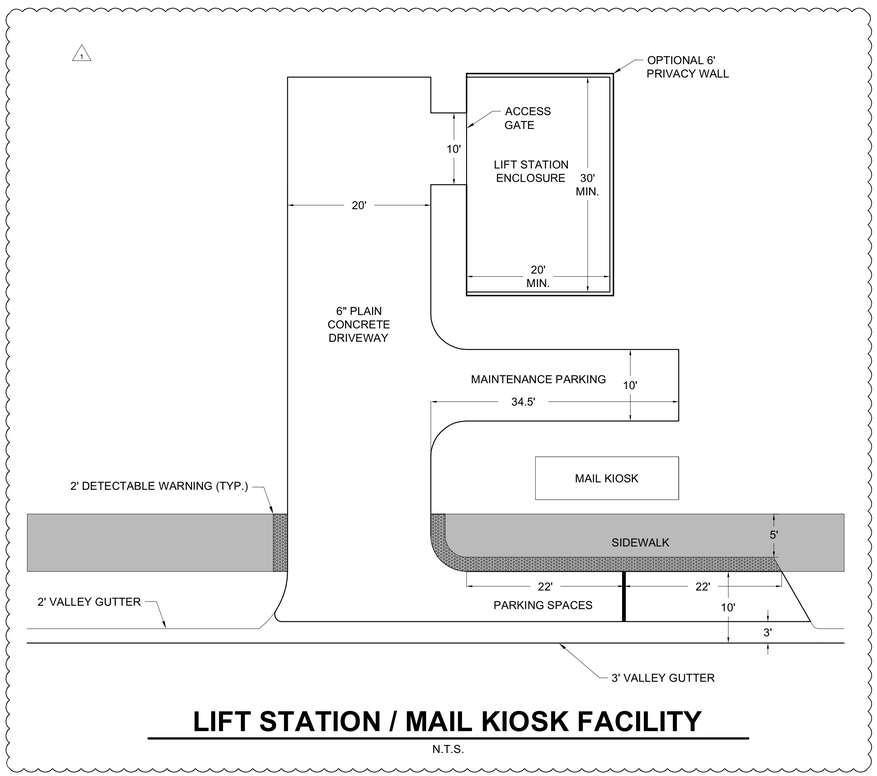
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

TYPICAL CONSTRUCTION DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	18.1

DOS2017-00103 Lee County ePlan



LIFT STATION / MAIL KIOSK FACILITY

N.T.S.

San Carlos Park Fire District

FIRE PREVENTION DIVISION

Station # 53
19591 Ben Hill Griffin Pkwy.
Fort Myers, FL 33913

(239) 267-7525
www.sancarlosfire.org fax (239) 267-7505

FIRE FLOW TEST RECEIPT

Hydrant #: A9-004
Static Pressure: 67 psi before flowing
Residual Pressure: 60 psi while flowing
Pitot Pressure: 45 pitot gage reading

Measured Fire Flow @ 20 PSI Residual: **3,147**

Formula: Q=(29.83(C(d²)p^0.5))						Formula: AFF=Q((S-20)^1.85/(1S-R)^1.85))			
Q (total gallons flowing)	29.83	Coefficient C = .9	diameter (d) of outlet in inches	Number of outlets flowing	Pitot (p)	Available Fire Flow (AFF)	Total Gallons Flowing	Static (S)	Residual (R)
1,126	29.83	0.9	2.5	1	45	3,147	1,126	67	60
1,126	29.83	0.9	2.5	1	45	3,135	1,126	60	54

Design Static Pressure: 60 psi before flowing
Design Residual Pressure: 54 psi while flowing
Design Pitot Pressure: 45 pitot gage reading

Extrapolated GPM Fire Flow @ 20 PSI Residual: **3,135**

Note:
Design Static Pressure = Measured Static Pressure less 10% (rounded down)
Design Residual Pressure = Measured Residual Pressure less 10% (rounded down)

The Extrapolated GPM Fire Flow Must Be Used For Water Supply Determination

Date Received:
Payment Issued By:

Payment Rec'd By:
Amount of Payment
Cash / Check #:

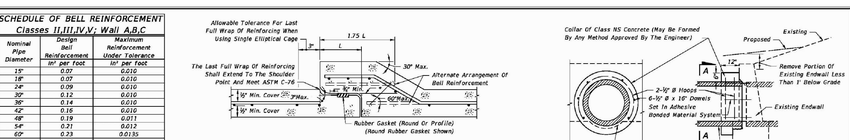
Comments: Flow test performed 04/17/2018

Steve Lennon/Fire Marshal
Fire Official's Signature

1

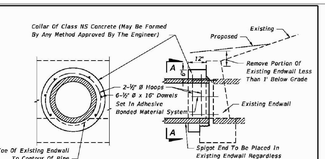
SCHEDULE OF BELL REINFORCEMENT
Classes I,II,III,IV,V; Wall A,B,C

Nominal Pipe Diameter	Design Bell Reinforcement in² per foot	Maximum Reinforcement Under Tolerance in² per foot
15"	0.07	0.010
18"	0.07	0.010
24"	0.09	0.010
30"	0.12	0.010
36"	0.14	0.010
42"	0.16	0.010
48"	0.19	0.011
54"	0.21	0.012
60"	0.23	0.0135
66"	0.26	0.013
72"	0.28	0.0165
78"	0.30	0.018
84"	0.33	0.0195
90"	0.35	0.021
96"	0.37	0.0225
102"	0.40	0.024
108"	0.42	0.0255



* All circumferential steel located above this line within 1.75 L is defined as bell reinforcement.

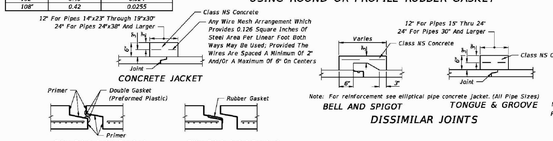
ROUND RUBBER GASKET SHOWN
DETAIL OF BELL & SPIGOT CONCRETE PIPE JOINT USING ROUND OR PROFILE RUBBER GASKET



SECTION AA *LONGITUDINAL SECTION*

Note: Cost for removal and disposal of portions of top and toe of existing endwall and cost of concrete, reinforcing steel and construction of collar to be included in the contract unit price for pipe culvert.

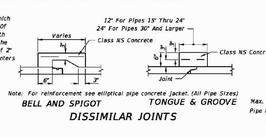
CONCRETE COLLAR FOR EXTENSION OF EXISTING PIPE CULVERTS



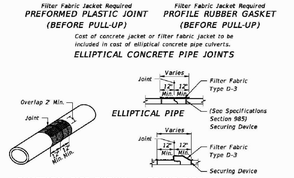
CONCRETE JACKET
PREFORMED PLASTIC JOINT (BEFORE PULL-UP)
PROFILE RUBBER GASKET (BEFORE PULL-UP)

Cost of concrete jacket or filter fabric jacket to be included in cost of elliptical concrete pipe culverts.

ELLIPTICAL CONCRETE PIPE JOINTS



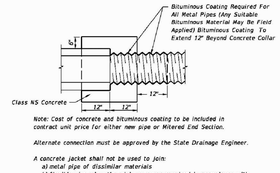
BELL AND SPIGOT *TONGUE & GROOVE*
DISSIMILAR JOINTS



ELLIPTICAL PIPE SHOWN ISOMETRIC VIEW
ELLIPTICAL PIPE
ROUND PIPE PIPE SECTIONS

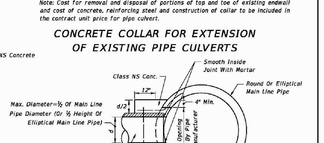
Cost of filter fabric jacket to be included in cost of pipe culverts.

FOR ALL PIPE TYPES - CONCRETE PIPE SHOWN FILTER FABRIC JACKET



DISSIMILAR TYPES

CONCRETE JACKET FOR CONNECTING DISSIMILAR TYPES OF PIPE AND CONCRETE PIPES WITH DISSIMILAR JOINTS



Cost of concrete and steel to be included in contract unit price for pipe culvert.

CONCRETE COLLAR FOR JOINING MAINLINE PIPE AND STUB PIPE



Note: Unless otherwise called for in the plans, cost of plugging pipes to be included in the unit price for new pipe.

PIPE PLUG

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

LAST REVISION 07/01/14	REVISION	DESCRIPTION:	FDOT 2016 DESIGN STANDARDS	MISCELLANEOUS DRAINAGE DETAILS	INDEX NO. 280	SHEET NO. 1 of 3

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PREPARED FOR

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 5:00 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

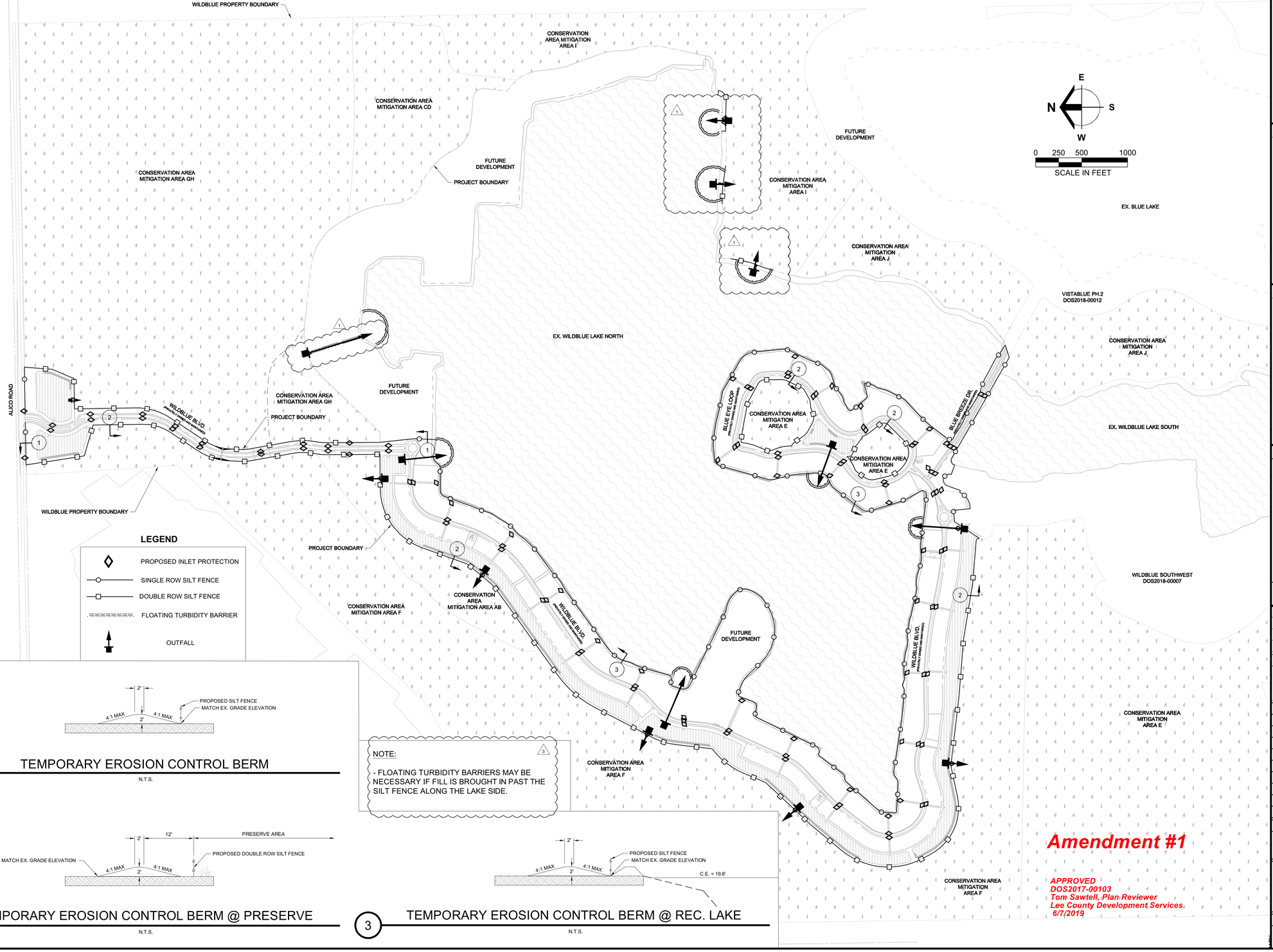
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

TYPICAL CONSTRUCTION DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	18.2

DOS2017-00103 Lee County ePlan



LEGEND

- PROPOSED INLET PROTECTION
- SINGLE ROW SILT FENCE
- DOUBLE ROW SILT FENCE
- FLOATING TURBIDITY BARRIER
- OUTFALL

1 TEMPORARY EROSION CONTROL BERM

N.T.S.

2 TEMPORARY EROSION CONTROL BERM @ PRESERVE

N.T.S.

NOTE:

- FLOATING TURBIDITY BARRIERS MAY BE NECESSARY IF FILL IS BROUGHT IN PAST THE SILT FENCE ALONG THE LAKE SIDE.

3 TEMPORARY EROSION CONTROL BERM @ REC. LAKE

N.T.S.

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

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ENGINEER OF RECORD

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FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 5:00 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES	1
02-06-19	D.O. COMMENTS DATED 02-04-19	2

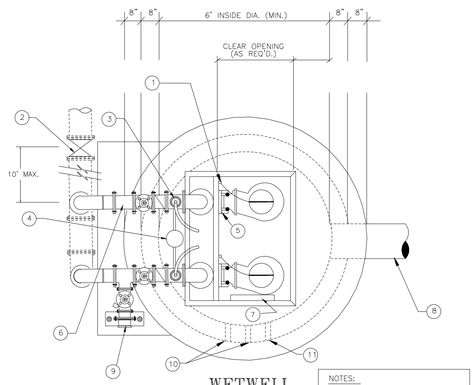
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

STORMWATER POLLUTION PREVENTION PLAN

PROJECT / FILE NO.	SHEET NUMBER
23675	20.0

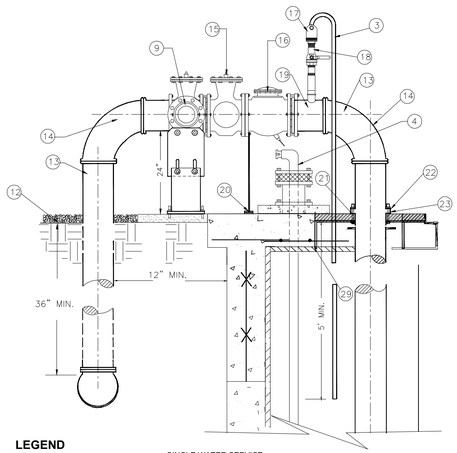
DOS2017-00103 Lee County ePlan



WETWELL PLAN
N.T.S.

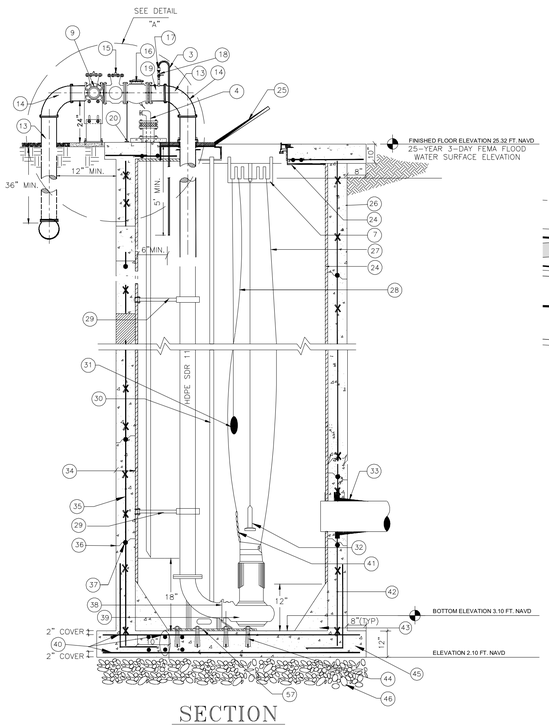
NOTES:
CONTRACTOR TO SET PUMPS AND ACCESS COVER TO ENSURE ACCURATE ALIGNMENT OF GUIDE RAILS.

CONDUIT FOR PUMP POWER CABLES & FLOAT SWITH CABLES, PLACEMENT IS TO BE DETERMINED BY LOCATION OF CONTROL PANEL.

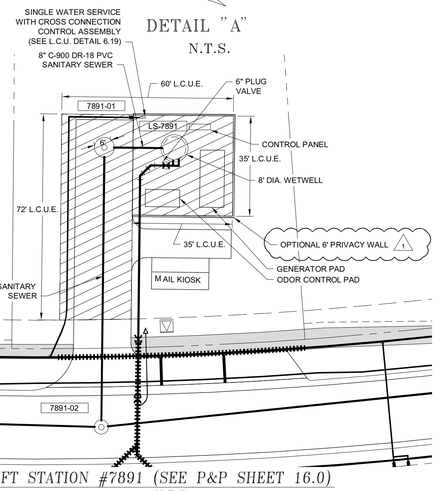


LEGEND

LEE COUNTY UTILITIES LIFT STATION EASEMENT

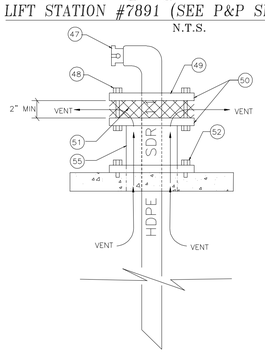


SECTION
N.T.S.

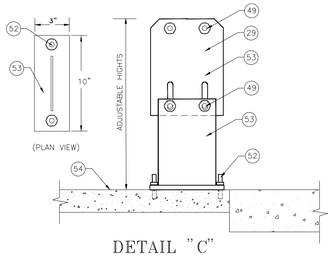


LIFT STATION #7891 (SEE P&P SHEET 16.0)
N.T.S.

DETAIL "A"
N.T.S.



DETAIL "B"
N.T.S.



DETAIL "C"
N.T.S.

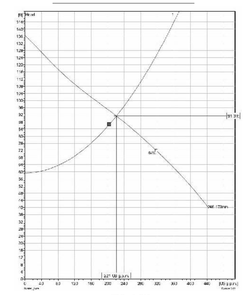
GENERAL NOTES AND REQUIREMENTS

1. 1/4" THK. SERIES 300 STAINLESS STEEL HOOKS FOR HOIST CABLES
2. PLUG VALVE
3. PCV DRAIN LINE FROM AIR RELEASE VAVLE TO WET WELL
4. EMERGENCY PUMP OUT AND AIRVENT (SAME DIAMETER AS DISCHARGE PIPING) (SEE DETAIL "B")
5. GUIDE RAILS
6. SPOOL PIECE
7. STAINLESS STEEL FLOAT CABLE SUPPORT
8. INFLUENT PIPE INSTALLED RADIALLY FROM WETWELL CENTER
9. FEMALE QUICK CONNECT COUPLER WITH CAP AND PLUG VALVE
10. POWER CABLE
11. FLOAT CONTROLS
12. FILTER CLOTH WITH 4" OF COMPACTED #57 STONE
13. HDPE PIPE
14. LONG RADIUS 90° BEND
15. PLUG VALVE (PAINT BLACK)
16. SWING FLEX CHECK VALVE (PAINT BLACK)
17. 2" AUTOMATIC AIR RELEASE VALVE; (SEE LCU APPROVED MATERIAL LIST) ON EACH DISCHARGE PIPE
18. 2" STAINLESS STEEL BALL VALVE (SEE APPROVED MATERIAL LIST)
19. HDPE BRANCH SADDLE PE 3408 ASTM D3350 (BLACK) WITH FEMALE THREADED INSERT BRASS ALLOY STAINLESS COMPRESSION RING GRADE TYPE 304 OR 316
20. STAINLESS STEEL PIPE SUPPORT (SEE DETAIL "C")
21. NEOPRENE GASKET
22. STAINLESS STEEL FLANGE RING
23. HDPE RIM (FUSED TO HDPE PIPE)
24. LINER OR COATING (SEE LCU APPROVED MATERIAL LIST)
25. ALUMINUM HATCH (SEE DETAIL D)
26. COAL TAR EPOXY (BELOW FINISHED GRADE)
27. SENSOR CABLE
28. SERIES 316 STAINLESS STEEL 1/4" CABLE
29. SERIES 316 STAINLESS STEEL PIPE SUPPORT
30. 2" SERIES 316 STAINLESS STEEL GUIDE RAILS
31. HIGH WATER ALARM SIGNAL ON
32. SUBMERSIBLE LEVEL TRANSMITTER
33. CAST IN PLACE FLEXIBLE PIPE CONNECTION WITH SERIES 316 STAINLESS STEEL CLAMP C-923. CHARDON RUBBER, O/E (TYP.) WALL THICKNESS 8" MIN.
34. STEEL REINFORCEMENT
35. RAM-NEK BLANKET OUTER SIDE OF WET WELL
36. RAM-NEK OR EQUAL PREFORMED PLASTIC GASKET MATERIALBETWEEN PRECAST UNITS (TYP.)
37. AUTOMATIC DISCHARGE CONNECTION TO SUIT PUMP
38. SUBMERSIBLE PUMPS
39. #5 AT 8" CENTER
40. SERIES 316 STAINLESS STEEL 3/8" CHAIN (1'-6" LONG)
41. #4 AT 8" CENTER
42. CONC.OR PORTLAND TYPE II & SAND MIX
43. 3/4" DIA. x 8" STAINLESS STEEL WEDGE BOLT SCREW ANCHORS, 8 EA. REFER TO LCU STANDARD DETAIL
44. BASE SECTION TO BE A MONOLITIC CASTING
45. 12" MIN. COMPACTED #57 STONE
46. CAM LOCK COUPLING ON EMERGENCY PUMP OUT
47. STAINLESS STEEL BOLTS
48. BLIND FLANGE
49. STAINLESS STEEL CLAMP
50. STAINLESS STEEL SCREEN CLOTH
51. STAINLESS STEEL CONCRETE BOLTS
52. 3/8" STAINLESS STEEL
53. 4" THICK 3,000 P.S.I. CONCRETE SLAB
54. AIR VENT TO BE 2 PIPE SIZES LARGER THAN EMERGENCY PUMP OUT. THE ACTUAL LOCATION IS TO BE DETERMINED IN THE FIELD.
55. LCU PREFERS THE LIFT STATION FENCE TO HAVE DARK GREEN VINYL COATING. HOWEVER, BLACK VINYL IS ACCEPTABLE.
56. PUMP DISCHARGE BASE PLATE, REFER TO LCU STANDARD DETAIL
57.

NUMBER OF PUMPS	# 1	# 2	# 3	
PUMP MANUFACTURER	FLYGT	FLYGT		
PUMP MODEL NUMBER	NP 3127 SH	NP 3127 SH		
IMPELLER NUMBER	246	246		
TYPE OF PUMP	SUBMERSIBLE			
DESIGN CAPACITY PER PUMP	221.0	221.0		(GPM)
TOTAL DYNAMIC HEAD	91.3	91.3		(FEET)
SHUT-OFF HEAD	136.0	136.0		(FEET)
DESIGN SPEED	2910	2910		(RPM)
MIN. HORSEPOWER PER PUMP	9.9	9.9		(HP)
VOLTS	460	460		(VOLTS)
PHASE POWER	3	3		(PH)
PUMP DISCHARGE SIZE	6	6		(INCHES)
DIAMETER RISER PIPE	6	6		(INCHES)
PUMP ON ELEVATION	6.10	6.60		(FEET)
HIGH WATER ALARM		7.10		(FEET)
PUMP OFF ELEVATION		5.10		(FEET)
DIAMETER PIPE AFTER RISER		6		(INCHES)
DIAMETER WETWELL (I.D.)		8		(FEET)
TOP OF WETWELL ELEVATION		25.32		(FEET)
BOTTOM ELEVATION		3.10		(FEET)
INFLUENT GRAVITY PIPE ELEVATION		8.66		(FEET)

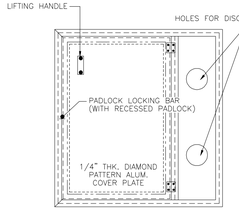
BASIS OF DESIGN			
	ADF (gpm)	PHF (gpm)	EDU (1 EDU=250 gpd)
EXISTING	-	-	-
INTERIM	-	-	-
FUTURE	47.4	142.2	69

PUMP CURVE



NOTES:
1- MATERIAL: ALUMINUM
2- LOADING: 300 LBS. PER SQ. FT.
3- 304 STAINLESS STEEL BOLTS

NOTE: CONTRACTOR TO VERIFY REQUIRED DIMENSIONS OF HATCH.



DETAIL "D"
WETWELL ACCESS HATCH
N.T.S.

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

STANDARD DETAIL NO. 6.42
PUMP STATION DETAIL
USING ABOVE GROUND
DISCHARGE PIPING

LEE COUNTY UTILITIES
ENGINEERING
1500 Monroe Street Fort Myers, Florida 33901
Ph. (239) 533-8181 Fax (239) 485-8385

FILE: S:\ENGINEERING\ACAD_LCU-CAD-STDS\LCU STD DETAILS\DAB FILES
SCALE: NTS
DATE: 12/10/2015
DRAWN:

DRAWN	DATE	REMARKS

SHEET:
1 OF 2

Barraco and Associates, Inc.
CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING
www.barraco.net
2271 McGREGOR BLVD., SUITE 100
POST OFFICE DRAWER 2800
FORT MYERS, FLORIDA 33902-2800
PHONE (239) 461-3170
FAX (239) 461-3169
FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

PHONE (239) 278-1177
FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 5:01 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

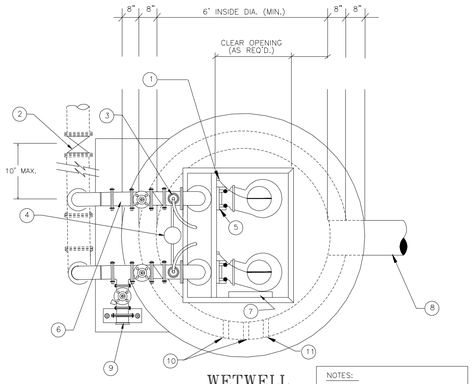
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

LIFT STATION DETAILS 7891

PROJECT / FILE NO.	SHEET NUMBER
23675	22.0

DOS2017-00103 Lee County ePlan

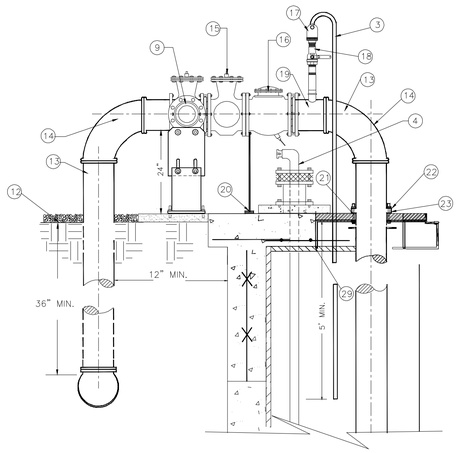


WETWELL
PLAN
N.T.S.

NOTES:

CONTRACTOR TO SET PUMPS AND ACCESS COVER TO ENSURE ACCURATE ALIGNMENT OF GUIDE RAILS.

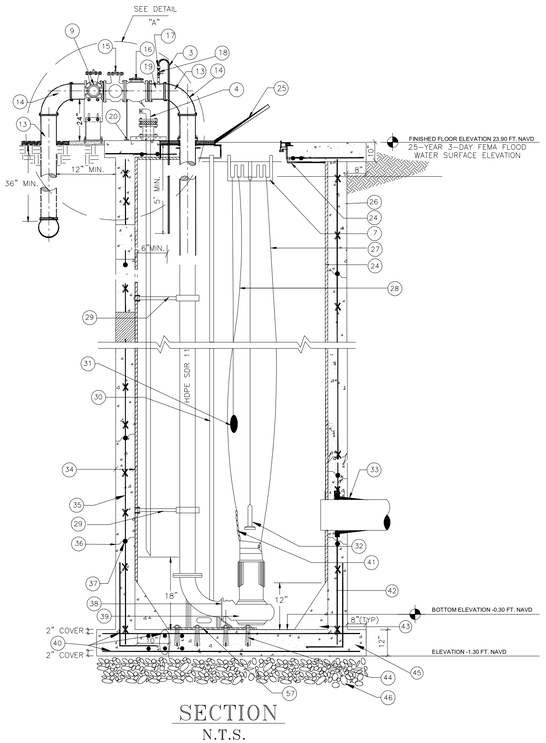
CONDUIT FOR PUMP POWER CABLES & FLOAT SWITH CABLES, PLACEMENT IS TO BE DETERMINED BY LOCATION OF CONTROL PANEL.



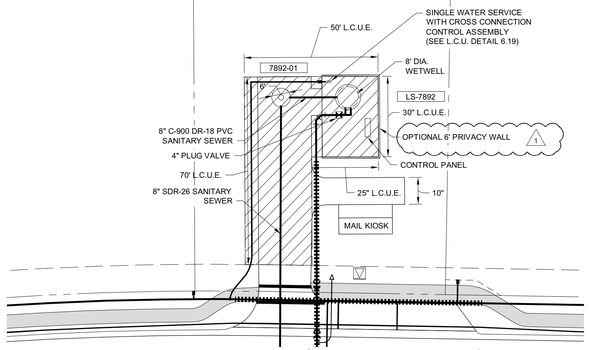
DETAIL "A"
N.T.S.

LEGEND

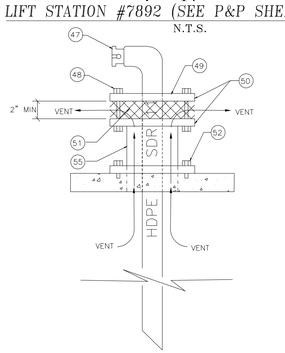
LEE COUNTY UTILITIES LIFT STATION EASEMENT



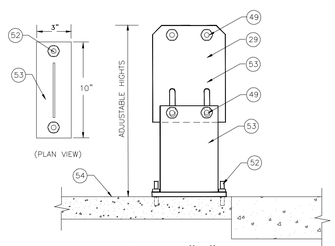
SECTION
N.T.S.



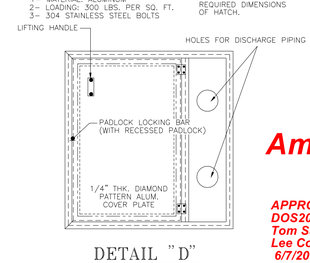
LIFT STATION #7892 (SEE P&P SHEET 16.1)
N.T.S.



DETAIL "B"
N.T.S.



DETAIL "C"
N.T.S.



DETAIL "D"
WETWELL ACCESS HATCH
N.T.S.

NOTES:
1- MATERIAL: ALUMINUM
2- LOADING: 300 LBS. PER SQ. FT.
3- 304 STAINLESS STEEL BOLTS

NOTE:
CONTRACTOR TO VERIFY REQUIRED DIMENSIONS OF HATCH.

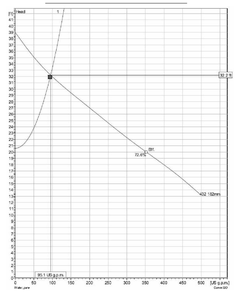
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13. HDPE PIPE
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21. NEOPRENE GASKET
22. STAINLESS STEEL FLANGE RING
23. HDPE RIM (FUSED TO HDPE PIPE)
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25. ALUMINUM HATCH (SEE DETAIL D)
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34. WALL THICKNESS 8" MIN.
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36. RAM-NEK BLANKET OUTER SIDE OF WET WELL
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57. PUMP DISCHARGE BASE PLATE, REFER TO LCU STANDARD DETAIL

NUMBER OF PUMPS	# 1	# 2	# 3	
PUMP MANUFACTURER	FLYGT	FLYGT		
PUMP MODEL NUMBER	CP 3085 MT	CP 3085 MT		
IMPELLER NUMBER	432	432		
TYPE OF PUMP	SUBMERSIBLE			
DESIGN CAPACITY PER PUMP	93.8	93.8		(GPM)
TOTAL DYNAMIC HEAD	32.3	32.3		(FEET)
SHUT-OFF HEAD	39.0	39.0		(FEET)
DESIGN SPEED	1405	1405		(RPM)
MIN. HORSEPOWER PER PUMP	2.7	2.7		(HP)
VOLTS	230	230		(VOLTS)
PHASE POWER	3	3		(PH)
PUMP DISCHARGE SIZE	4	4		(INCHES)
DIAMETER RISER PIPE	4	4		(INCHES)
PUMP ON ELEVATION	2.70	3.20		(FEET)
HIGH WATER ALARM	3.70			(FEET)
PUMP OFF ELEVATION	2.20			(FEET)
DIAMETER PIPE AFTER RISER	4			(INCHES)
DIAMETER WETWELL (I.D.)	8			(FEET)
TOP OF WETWELL ELEVATION	23.90			(FEET)
BOTTOM ELEVATION	0.20			(FEET)
INFLUENT GRAVITY PIPE ELEVATION	5.22			(FEET)

BASIS OF DESIGN	ADF (gpm)	PHF (gpm)	EDU (1 EDU=250 gpd)
EXISTING	-	-	-
INTERIM	-	-	-
FUTURE	20.1	70.5	116

PUMP CURVE



FLOW
US GPM

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

STANDARD DETAIL NO. 6.42
PUMP STATION DETAIL
USING ABOVE GROUND
DISCHARGE PIPING

SHEET:
1 OF 2

FILE: S:\ENGINEERING\ACAD_LCU-CAD-SITES\LCU STD DETAILS\CAD FILES
SCALE: NTS
DATE: 12/10/2015
DRAWN:
DATE
REMARKS
DRAWN:

LEE COUNTY UTILITIES
ENGINEERING
1500 Monroe St. Fort Myers, Florida 33901
Ph. (239) 533-8181 Fax: (239) 485-8385

LEE COUNTY
SOUTHWEST FLORIDA

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CIVIL ENGINEERING - LAND SURVEYING
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2271 McGREGOR BLVD., SUITE 100
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FORT MYERS, FLORIDA 33902-2800
PHONE (239) 461-3170
FAX (239) 461-3169
FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

PHONE (239) 278-1177
FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A71.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 5:01 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

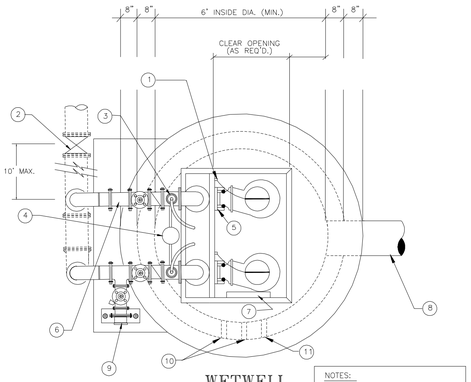
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

LIFT STATION DETAILS 7892

PROJECT / FILE NO.	SHEET NUMBER
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DOS2017-00103 Lee County ePlan

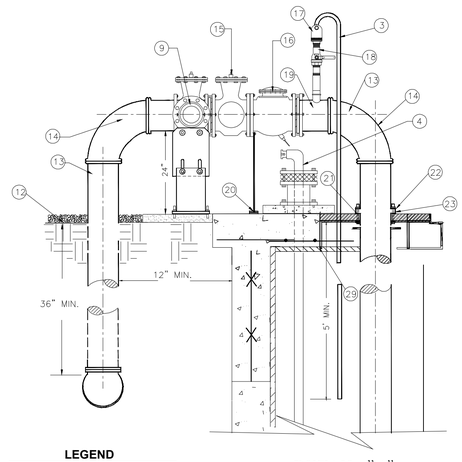


WETWELL PLAN
N.T.S.

NOTES:

CONTRACTOR TO SET PUMPS AND ACCESS COVER TO ENSURE ACCURATE ALIGNMENT OF GUIDE RAILS.

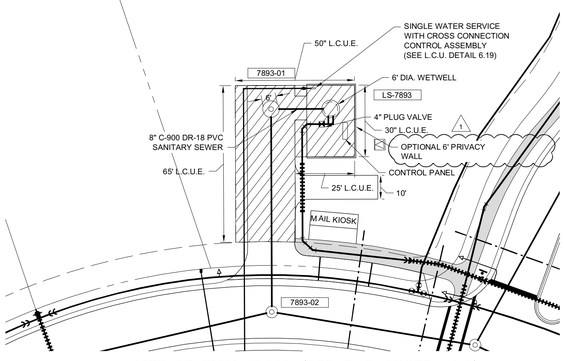
CONDUIT FOR PUMP POWER CABLES & FLOAT SWITH CABLES, PLACEMENT IS TO BE DETERMINED BY LOCATION OF CONTROL PANEL.



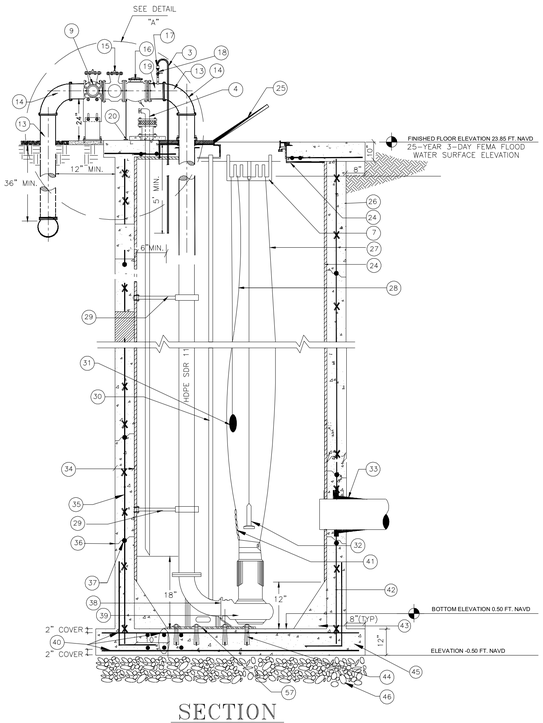
DETAIL "A"
N.T.S.

LEGEND

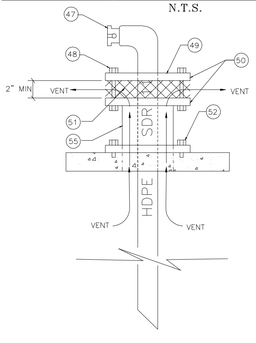
LEE COUNTY UTILITIES LIFT STATION EASEMENT



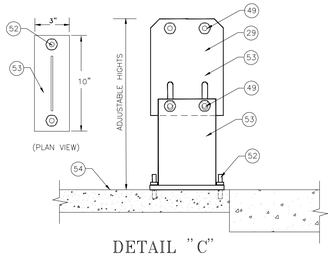
LIFT STATION #7893 (SEE P&P SHEET 16.2)
N.T.S.



SECTION
N.T.S.



DETAIL "B"
N.T.S.



DETAIL "C"
N.T.S.

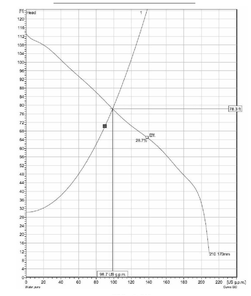
GENERAL NOTES AND REQUIREMENTS

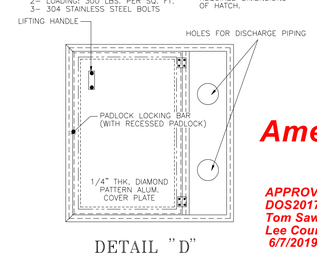
1. 1/4" THK. SERIES 300 STAINLESS STEEL HOOKS FOR HOIST CABLES
2. PLUG VALVE
3. PCV DRAIN LINE FROM AIR RELEASE VAVLE TO WET WELL
4. EMERGENCY PUMP OUT AND AIRVENT (SAME DIAMETER AS DISCHARGE PIPING) (SEE DETAIL "B")
5. GUIDE RAILS
6. SPOOL PIECE
7. STAINLESS STEEL FLOAT CABLE SUPPORT
8. INFLUENT PIPE INSTALLED RADIALLY FROM WETWELL CENTER
9. FEMALE QUICK CONNECT COUPLER WITH CAP AND PLUG VALVE
10. POWER CABLE
11. FLOAT CONTROLS
12. FILTER CLOTH WITH 4" OF COMPACTED #57 STONE
13. HDPE PIPE
14. LONG RADIUS 90° BEND
15. PLUG VALVE (PAINT BLACK)
16. SWING FLEX CHECK VALVE (PAINT BLACK)
17. 2" AUTOMATIC AIR RELEASE VALVE; (SEE LCU APPROVED MATERIAL LIST) ON EACH DISCHARGE PIPE
18. 2" STAINLESS STEEL BALL VALVE (SEE APPROVED MATERIAL LIST)
19. HDPE BRANCH SADDLE PE 3408 ASTM D3350 (BLACK) WITH FEMALE THREADED INSERT BRASS ALLOY STAINLESS COMPRESSION RING GRADE TYPE 304 OR 316
20. STAINLESS STEEL PIPE SUPPORT (SEE DETAIL "C")
21. NEOPRENE GASKET
22. STAINLESS STEEL FLANGE RING
23. HDPE RIM (FUSED TO HDPE PIPE)
24. LINER OR COATING (SEE LCU APPROVED MATERIAL LIST)
25. ALUMINUM HATCH (SEE DETAIL D)
26. COAL TAR EPOXY (BELOW FINISHED GRADE)
27. SENSOR CABLE
28. SERIES 316 STAINLESS STEEL 1/4" CABLE
29. SERIES 316 STAINLESS STEEL PIPE SUPPORT
30. 2" SERIES 316 STAINLESS STEEL GUIDE RAILS
31. HIGH WATER ALARM SIGNAL ON
32. SUBMERSIBLE LEVEL TRANSMITTER
33. CAST IN PLACE FLEXIBLE PIPE CONNECTION WITH SERIES 316 STAINLESS STEEL CLAMP C-923. CHARDON RUBBER, O/E (TYP.) WALL THICKNESS 8" MIN.
34. STEEL REINFORCEMENT
35. RAM-NEK BLANKET OUTER SIDE OF WET WELL
36. RAM-NEK OR EQUAL PREFORMED PLASTIC GASKET MATERIALBETWEEN PRECAST UNITS (TYP.)
37. AUTOMATIC DISCHARGE CONNECTION TO SUIT PUMP
38. SUBMERSIBLE PUMPS
39. #5 AT 8" CENTER
40. SERIES 316 STAINLESS STEEL 3/8" CHAIN (1'-6" LONG)
41. #4 AT 8" CENTER
42. CONC.OR PORTLAND TYPE II & SAND MIX
43. 3/4" DIA. x 8" STAINLESS STEEL WEDGE BOLT SCREW ANCHORS, 8 EA. REFER TO LCU STANDARD DETAIL.
44. BASE SECTION TO BE A MONOLITIC CASTING
45. 12" MIN. COMPACTED #57 STONE
46. CAM LOCK COUPLING ON EMERGENCY PUMP OUT
47. STAINLESS STEEL BOLTS
48. BLIND FLANGE
49. STAINLESS STEEL CLAMP
50. STAINLESS STEEL SCREEN CLOTH
51. STAINLESS STEEL CONCRETE BOLTS
52. 3/8" STAINLESS STEEL
53. 4" THICK 3,000 P.S.I. CONCRETE SLAB
54. AIR VENT TO BE 2 PIPE SIZES LARGER THAN EMERGENCY PUMP OUT. THE ACTUAL LOCATION IS TO BE DETERMINED IN THE FIELD.
55. LCU PREFERS THE LIFT STATION FENCE TO HAVE DARK GREEN VINYL COATING. HOWEVER, BLACK VINYL IS ACCEPTABLE.
56. PUMP DISCHARGE BASE PLATE, REFER TO LCU STANDARD DETAIL

NUMBER OF PUMPS	# 1	# 2	# 3	
PUMP MANUFACTURER	FLYGT	FLYGT		
PUMP MODEL NUMBER	MP 3127 LT	MP 3127 LT		
IMPELLER NUMBER	210	210		
TYPE OF PUMP	SUBMERSIBLE			
DESIGN CAPACITY PER PUMP	99.1	99.1		(GPM)
TOTAL DYNAMIC HEAD	78.2	78.2		(FEET)
SHUT-OFF HEAD	113.0	113.0		(FEET)
DESIGN SPEED	2875	2875		(RPM)
MIN. HORSEPOWER PER PUMP	9.9	9.9		(HP)
VOLTS	460	460		(VOLTS)
PHASE POWER	3	3		(PH)
PUMP DISCHARGE SIZE	4	4		(INCHES)
DIAMETER RISER PIPE	4	4		(INCHES)
PUMP ON ELEVATION	3.00	3.50		(FEET)
HIGH WATER ALARM	4.00			(FEET)
PUMP OFF ELEVATION	2.50			(FEET)
DIAMETER PIPE AFTER RISER	4			(INCHES)
DIAMETER WETWELL (I.D.)	6			(FEET)
TOP OF WETWELL ELEVATION	23.85			(FEET)
BOTTOM ELEVATION	0.50			(FEET)
INFLUENT GRAVITY PIPE ELEVATION	5.49			(FEET)

BASIS OF DESIGN			
	ADF (gpm)	PHF (gpm)	EDU (1 EDU=250 gpd)
EXISTING	-	-	-
INTERIM	-	-	-
FUTURE	15.3	53.5	88

PUMP CURVE





NOTES:
1- MATERIAL: ALUMINUM
2- LOADING: 300 LBS. PER SQ. FT.
3- 304 STAINLESS STEEL BOLTS

NOTE:
CONTRACTOR TO VERIFY REQUIRED DIMENSIONS OF HATCH.

DETAIL "D"
WETWELL ACCESS HATCH
N.T.S.

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

STANDARD DETAIL NO. 6.42
PUMP STATION DETAIL
USING ABOVE GROUND
DISCHARGE PIPING

SHEET:
1 OF 2

FILE: S:\ENGINEERING\ACAD_LCU-CAD-STDS\LCU STD DETAILS\DAD FILES
SCALE: NTS
DATE: 12/10/2015

DRAWN	DATE	REMARKS

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PHONE (239) 461-3170
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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

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PHONE (239) 278-1177
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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A71.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 5:02 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

11-12-18	D.O. AMENDMENT #1 CHANGES 1

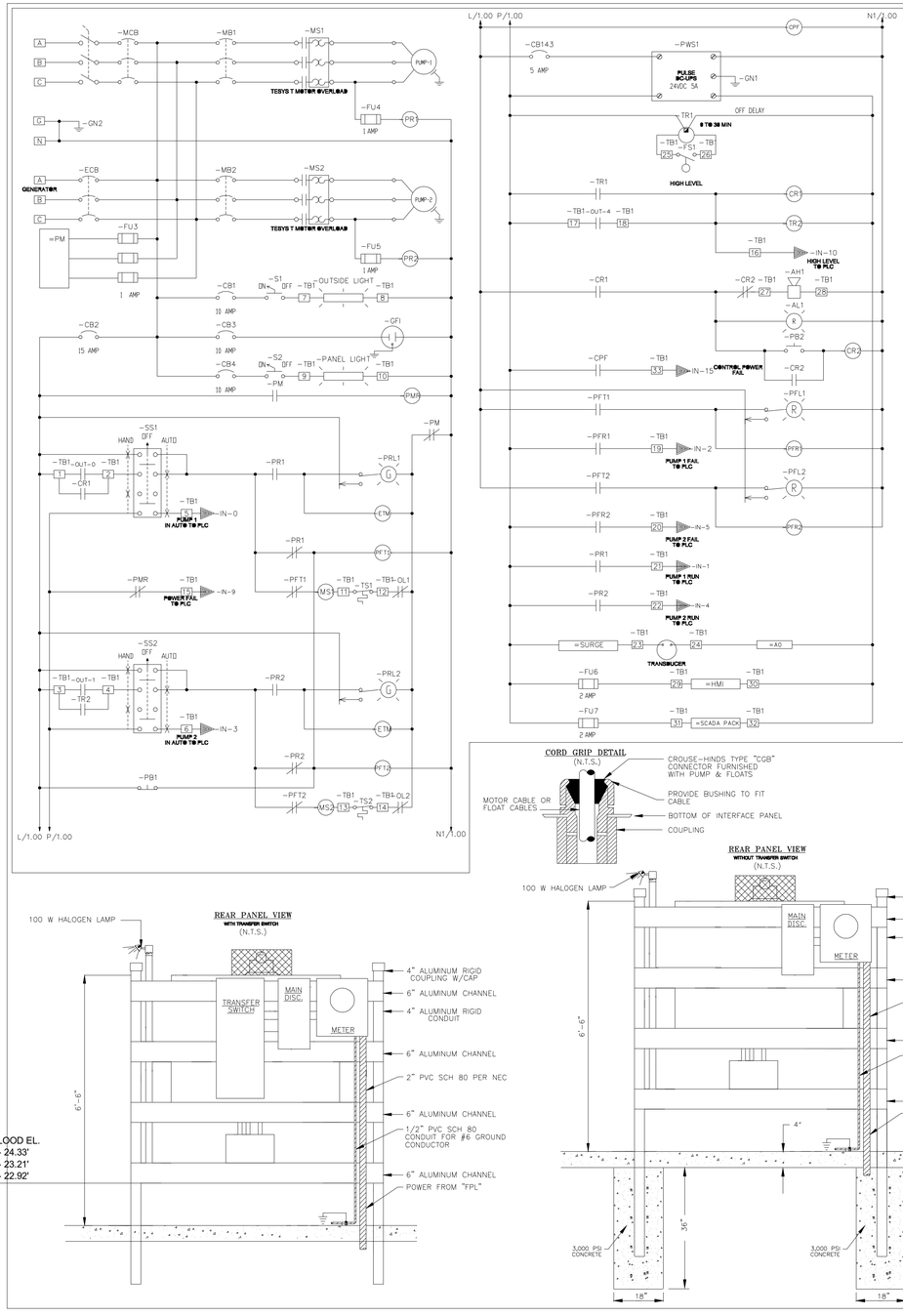
PLAN STATUS

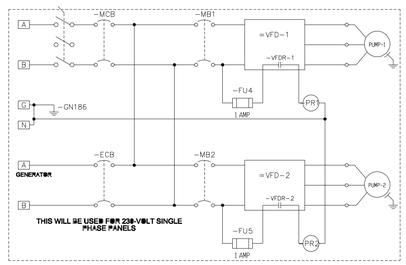
D.O. AMENDMENT #1
05-16-19

LIFT STATION DETAILS 7893

PROJECT / FILE NO.	SHEET NUMBER
23675	22.2

DOS2017-00103 Lee County ePlan





LADDER DIAGRAM MUST INCLUDE PROVISIONS FOR GFDR

COMPONENT LEGEND

AL –	ALARM LIGHT	LCB –	LIGHT CONTROL BREAKER
ALT –	ALTERNATOR	MB –	MOTOR BREAKER
ATS –	ALTERNATOR TEST SWITCH	MCB –	MAIN CIRCUIT BREAKER
AV –	AIR VENT	MS –	MOTOR STARTER
BCB –	BLOWER CONTROL BREAKER	OL –	OVERLOAD
CCB –	CONTROL CIRCUIT BREAKER	PF –	PUMP FAILURE
DPDT–	DOUBLE–POLE, DOUBLE–THROW	PFT –	PUMP FAILURE TIMER
DR –	DISABLE RELAY	PM –	PHASE MONITOR
DRB –	DUPLEX RECEPTACLE BREAKER	PR –	PUMP RUN
ECB –	EMERGENCY CIRCUIT BREAKER	R –	RELAY
ETM –	ELAPSED TIME METER	RCB –	RTU CIRCUIT BREAKER
F –	FUSE	RECB–	RECEPTACLE CONTROL BREAKER
FB –	FUSE BLOCK	RL –	RUNNING LIGHT
FL –	FLASHER	RTU –	REMOTE TELEMETRY UNIT
FLG –	FLUORESCENT LIGHT	T –	TERMINAL
FLS –	FLUORESCENT LIGHT SWITCH	TB –	TERMINAL BLOCK
FR –	FLOAT REGULATOR	TD –	TIME DELAY
FTS –	FLOAT TEST SWITCH	TDOE	TIME DELAY ON DE–ENERGIZE
GFDR–	GROUND FAULT DUPLEX RECEPTACLE	TDOE–	TIME DELAY ON ENERGIZE
GND –	EARTH GROUND	TPDT–	TRIPLE–POLE, DOUBLE–THROW
GR –	GENERATOR RECEPTACLE	TTS –	THERMAL TERMINAL STRIP
HOA –	HAND–OFF–AUTO SELECTOR SWITCH	XFMR–	TRANSFORMER
LA –	LIGHTNING ARRESTOR	PFR	PUMP FAIL RESET

GENERAL NOTES AND REQUIREMENTS

1. THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH THE STANDARD BUILDING CODES AND LOCAL CODES AS MAY BE APPLICABLE. SIX SHOP DRAWINGS OF ALL MAJOR EQUIPMENT SHALL BE REQUIRED PRIOR TO ORDERING EQUIPMENT.
2. WORK SHALL INCLUDE ALL LABOR, MATERIALS, PERMITS AND COSTS FOR INSTALLATION OF A COMPLETE ELECTRICAL SYSTEM.
3. ALL EQUIPMENT, FIXTURES, ETC., SHALL BE STARTED, TESTED, ADJUSTED AND PLACED IN SATISFACTORY OPERATING CONDITION BY THIS CONTRACTOR WHO SHALL GUARANTEE ALL WORKMANSHIP, MATERIALS AND EQUIPMENT TO BE FREE OF DEFECTS FOR A PERIOD OF (1) ONE YEAR FROM DATE OF CERTIFICATE OF OCCUPANCY (C.O.) AND SHALL REPAIR SUCH DEFECTS WITHOUT COST TO THE OWNER. ALL EQUIPMENT SHALL BE COVERED FOR THE DURATION OF THE MANUFACTURER'S GUARANTEE OR WARRANTY, AND THIS CONTRACTOR SHALL FURNISH THE OWNER WITH ALL MANUFACTURER'S GUARANTEES AND WARRANTIES.
4. ALL WIRE SIZES SHOWN ARE FOR TINNED COPPER CONDUCTORS.
5. THE ELECTRICAL CONTRACTOR SHALL INSTALL METERING OF A TYPE APPROVED BY THE UTILITY COMPANY AND U.L. LISTED. THIS METER SHALL BE MADE OF ALUMINUM OR STAINLESS.
6. IT IS NOT THE INTENT OF THESE PLANS TO SHOW ALL DETAILS OF CONSTRUCTION. THE ELECTRICAL CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS SUCH AS HARDWARE, CONDUIT FITTINGS, ETC., AS NECESSARY FOR A COMPLETE ELECTRICAL SYSTEM IN WORKING ORDER.
7. PROVIDE A SERVICE GROUND ACCORDING TO N.E.C. ART. 250, PART "H" MINIMUM INSTALLATION TO INCLUDE: FOOTER/FOUNDATION REINFORCING STEEL (20' OF #4 MIN. SIZE), TURNED UP OR OTHERWISE EXPOSED AT THE SERVICE WITH APPROVED CONNECTORS, BONDING A GROUNDING CONDUCTOR SIZED PER TABLE 250–94 TO THE STEEL AND A DRIVEN ROD GROUND (MIN. 5/8" X 8' DEEP) WITH #6 COPPER GROUNDING CONDUCTOR. ALSO BOND: METAL PIPING AND EQUIPMENT.
8. ALL FASTENERS FOR CONSTRUCTION OF THE PANEL ENCLOSURE SHALL BE TYPE 304 S/S SCREWS, NUTS, BOLTS & WASHERS.
9. PLASTIC WARNING LABELS STATING "DANGER HIGH VOLTAGE" "PUMP STATION VOLTAGE" IN RED WITH 1" WHITE LETTERS. SECURE LABEL TO DOOR.
10. NON FUSED SAFETY DISCONNECT SWITCH SHALL BE SQ–D CLASS 3110 IN NEMA 4X STAINLESS STEEL ENCLOSURE C/W HANDLE WITH POWER ON POSITION LOCKING PLATE. POWER SUPPLY TO CONTROL PANEL SHALL EXIT THRU UNDERSIDE. DISCONNECT BOX SHALL HAVE LOCKABLE QUICK RELEASE DOOR LATCH ON CABINET ENCLOSURE. (NO SCREW DOWN COVER WILL BE ACCEPTED) NOTE: IF SITE HAS GENERATOR DISCONNECT SHALL HAVE A BREAKER SIZED PER NEC IN A CLASS 610 SQ–D NEMA 4X SS BREAKER ENCLOSURE.
11. LADDER DIAGRAM IS DRAWN FOR THREE PHASE 230V. CHANGES ARE REQUIRED FOR SINGLE PHASE 230V, THREE PHASE 208V OR THREE PHASE 460V.
12. CONTROL PANEL ENCLOSURE SHALL HAVE A PAINTED STEEL BACKPLATE, AND ALUMINUM DEADFRONT DOOR. ENCLOSURE SHALL BE TYPE 304 STAINLESS STEEL, NEMA 4X GASKETED TYPE WITH PAD LOCKABLE HASP. THREE POINT LATCH SYSTEM AND WIND RESTRAINER ARM THAT INCLUDES HARDWARE TO RESTRAIN DEADFRONT DOOR WHEN OPEN. ALL METAL COMPONENTS OF LATCH SYSTEM AND RESTRAINER TO BE MANUFACTURED OF TYPE 304 STAINLESS STEEL. ALL DEVICES MOUNTED ON ENCLOSURE ARE TO BE GASKETED OR CAULKED WITH SEALANT TO RETAIN NEMA RATING. ENCLOSURE SHALL BE FURNISHED WITH TYPE 304 STAINLESS STEEL. 1–7/8" UNISTRUTS, WELDED. PROVIDE 1–7/8" STAINLESS STEEL CHANNEL. STRUT C/W TYPE 304 STAINLESS STEEL NUTS AND BOLTS TO SUIT, AS SUPPLIED BY B–LINE SYSTEMS INC. OR EQUAL. ISOLATE DISSIMILAR METALS WITH TEFLON GAS KETING. PROVIDE PAD LOCKING PROVISIONS. PANEL SHALL BE ASSEMBLED IN A UL. 508 RATED SHOP.
13. ALL ELECTRICAL CONDUITS TO/FROM CONTROL PANELS AND SERVICE FEEDER ARE TO DROP VERTICALLY TO CONCRETE SLAB AND ROUTED UNDER SLAB TO THEIR RISE LOCATION AND CONTINUE VERTICALLY TO DESTINATION.
14. AFTER ALL WIRING IS COMPLETED, ALL CGB'S MUST BE TIGHTENED TO SEAL AROUND CABLES.
15. FLOATS SHALL HAVE MERCURY CONTACTS.
16. PLC, RTU SHALL PROVIDE THE FUNCTIONS AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS.
17. WHEN AN ODOR CONTROL SYSTEM IS REQUIRED THE PANEL MANUFACTURER SHALL PROVIDE AN APPROPRIATELY SIZED BREAKER AND AN ALARM CONTACT FOR THE RTU.
18. THE VARIABLE DRIVE SHALL BE A SQ.D ALTIVAR 61 OR APPROVED EQUAL BY LCU PROPER VENTILATION SHALL BE PROVIDED AS PER MAUFACTOR SPEC.
19. THE CONTRACTOR SHALL PROVIDE A LIGHTNING SURGE ARRESTOR RATED FOR THE INCOMING VOLTAGE AND CURRENT.
20. WHEN PANEL IS SUPPLIED WITH 480 VOLT A SIGN SHALL BE ADDED BY GFI RECEPTACLE STATING NOT RATED FOR POWER TOOLS.
21. ALL FEEDER WIRING FROM THE MAIN DISCONNECT TO THE CONTROL PANEL MAIN BREAKER SHALL HAVE NO TERMINATIONS, OR SPLICES NO EXCEPTIONS.

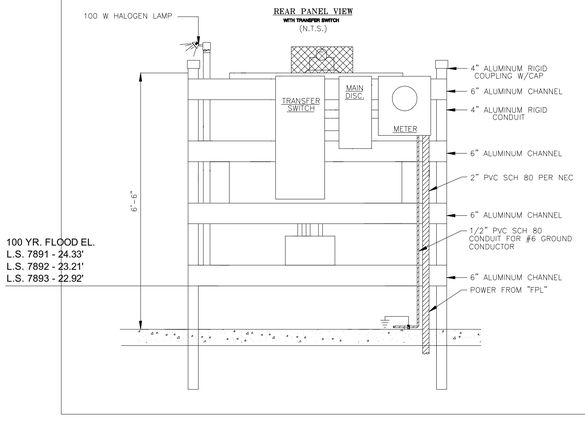
ELECTRICAL NOTES:

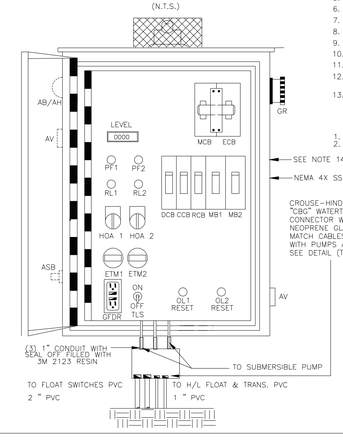
1. RTU SHALL BE SCADA PACK 334E
2. MODEM OR ANY OTHER COMMUNICATIONS WILL BE SUPPIED BY LCU
3. VARIABLE DRIVES TO BE USED ON ALL SINGLE PHASE POWER
4. VARIABLE DRIVES SHALL BE SQUARE D ALTIVAR 61
5. POWER SUPPLY SHALL HAVE BATTERY BACKUP
6. ALL SWITCHES SHALL BE SQUARE D 30 MM
7. ALL STARTERS SHALL BE SQUARE D
8. ALL BREAKERS SHALL BE SQUARE D
9. ALL INDICATOR LIGHTS SHALL HAVE LED LAMPS
10. HMI SHALL BE C–MORE EA7–56M
11. PLC CODE WILL BE INSTALLED BY LCU
12. ALL BREAKERS, STARTERS, VARIABLE DRIVE, WIRE SHALL BE SIZED PER NEC
13. ALL CONDUCTORS FROM THE MAIN DISCONNECT TO THE MAIN BREAKER IN THE CONTROL PANEL SHALL HAVE NO TERMINATIONS.

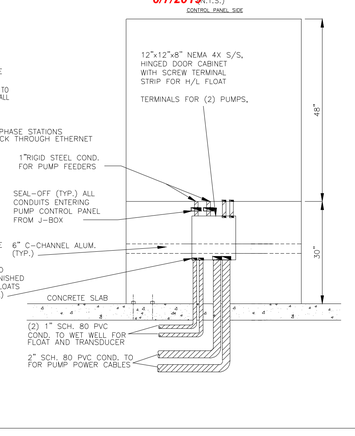
THE FOLLOWING ARE OPTIONS:
1. TESYS T MOTOR MANAGEMENT FOR 3 PHASE STATIONS
2. DRIVES CONNECTED TO THE SCADA PACK THROUGH ETHERNET

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019







LEE COUNTY UTILITIES ENGINEERING
1500 Monroe St. Fort Myers, Florida 33901
Ph. (239) 533–8181 Fax. (239) 485–8385

STANDARD DETAIL NO. 6.43
ELECTRICAL DIAGRAM AND NOTES

SHEET: 2 OF 2

FILE: S:\ENGINEERING\ACAD\...\CCU–CAD–STDS\LCU STD DETAILS\CAD FILES
SCALE: NTS
DATE: 12/10/2015
DRAWN: DRAWN:

REVISIONS | DATE | DRAWN:

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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FILE NAME	23675A71.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 5:02 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

LIFT STATION DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	22.3

DOS2017-00103 Lee County ePlan

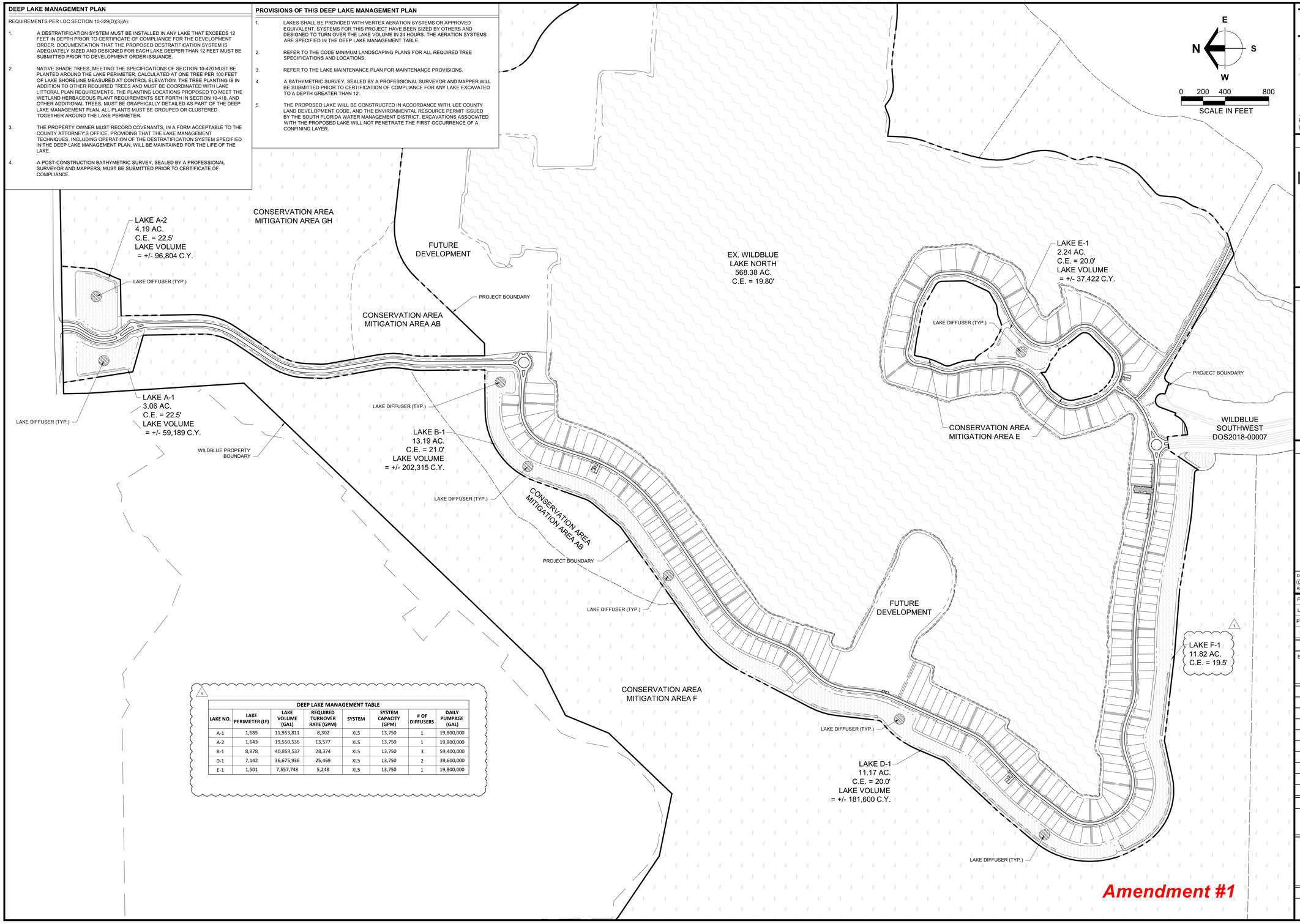
DEEP LAKE MANAGEMENT PLAN

REQUIREMENTS PER LDC SECTION 10-329(D)(3)(A):

1. A DESTRATIFICATION SYSTEM MUST BE INSTALLED IN ANY LAKE THAT EXCEEDS 12 FEET IN DEPTH PRIOR TO CERTIFICATE OF COMPLIANCE FOR THE DEVELOPMENT ORDER. DOCUMENTATION THAT THE PROPOSED DESTRATIFICATION SYSTEM IS ADEQUATELY SIZED AND DESIGNED FOR EACH LAKE DEEPER THAN 12 FEET MUST BE SUBMITTED PRIOR TO DEVELOPMENT ORDER ISSUANCE.
2. NATIVE SHADE TREES, MEETING THE SPECIFICATIONS OF SECTION 10-420 MUST BE PLANTED AROUND THE LAKE PERIMETER, CALCULATED AT ONE TREE PER 100 FEET OF LAKE SHORELINE MEASURED AT CONTROL ELEVATION. THE TREE PLANTING IS IN ADDITION TO OTHER REQUIRED TREES AND MUST BE COORDINATED WITH LAKE LITTORAL PLAN REQUIREMENTS. THE PLANTING LOCATIONS PROPOSED TO MEET THE WETLAND HERBACEOUS PLANT REQUIREMENTS SET FORTH IN SECTION 10-418, AND OTHER ADDITIONAL TREES, MUST BE GRAPHICALLY DETAILED AS PART OF THE DEEP LAKE MANAGEMENT PLAN. ALL PLANTS MUST BE GROUPED OR CLUSTERED TOGETHER AROUND THE LAKE PERIMETER.
3. THE PROPERTY OWNER MUST RECORD COVENANTS, IN A FORM ACCEPTABLE TO THE COUNTY ATTORNEY'S OFFICE, PROVIDING THAT THE LAKE MANAGEMENT TECHNIQUES, INCLUDING OPERATION OF THE DESTRATIFICATION SYSTEM SPECIFIED IN THE DEEP LAKE MANAGEMENT PLAN, WILL BE MAINTAINED FOR THE LIFE OF THE LAKE.
4. A POST-CONSTRUCTION BATHYMETRIC SURVEY, SEALED BY A PROFESSIONAL SURVEYOR AND MAPPERS, MUST BE SUBMITTED PRIOR TO CERTIFICATE OF COMPLIANCE.

PROVISIONS OF THIS DEEP LAKE MANAGEMENT PLAN

1. LAKES SHALL BE PROVIDED WITH VERTEX AERATION SYSTEMS OR APPROVED EQUIVALENT. SYSTEMS FOR THIS PROJECT HAVE BEEN SIZED BY OTHERS AND DESIGNED TO TURN OVER THE LAKE VOLUME IN 24 HOURS. THE AERATION SYSTEMS ARE SPECIFIED IN THE DEEP LAKE MANAGEMENT TABLE.
2. REFER TO THE CODE MINIMUM LANDSCAPING PLANS FOR ALL REQUIRED TREE SPECIFICATIONS AND LOCATIONS.
3. REFER TO THE LAKE MAINTENANCE PLAN FOR MAINTENANCE PROVISIONS.
4. A BATHYMETRIC SURVEY, SEALED BY A PROFESSIONAL SURVEYOR AND MAPPER WILL BE SUBMITTED PRIOR TO CERTIFICATION OF COMPLIANCE FOR ANY LAKE EXCAVATED TO A DEPTH GREATER THAN 12'.
5. THE PROPOSED LAKE WILL BE CONSTRUCTED IN ACCORDANCE WITH, LEE COUNTY LAND DEVELOPMENT CODE, AND THE ENVIRONMENTAL RESOURCE PERMIT ISSUED BY THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT. EXCAVATIONS ASSOCIATED WITH THE PROPOSED LAKE WILL NOT PENETRATE THE FIRST OCCURRENCE OF A CONFINING LAYER.



1

DEEP LAKE MANAGEMENT TABLE

LAKE NO.	LAKE PERIMETER (LF)	LAKE VOLUME (GAL)	REQUIRED TURNOVER RATE (GPM)	SYSTEM	SYSTEM CAPACITY (GPM)	# OF DIFFUSERS	DAILY PUMPAGE (GAL)
A-1	1,685	11,953,811	8,302	XLS	13,750	1	19,800,000
A-2	1,643	19,550,536	13,577	XLS	13,750	1	19,800,000
B-1	8,878	40,859,537	28,374	XLS	13,750	3	59,400,000
D-1	7,142	36,675,936	25,469	XLS	13,750	2	39,600,000
E-1	1,501	7,557,748	5,248	XLS	13,750	1	19,800,000

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
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PHONE (239) 278-1177
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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

05-16-19	D.O. AMENDMENT #1 CHANGES 1

PLAN STATUS

CONSTRUCTION PLANS
04-24-19

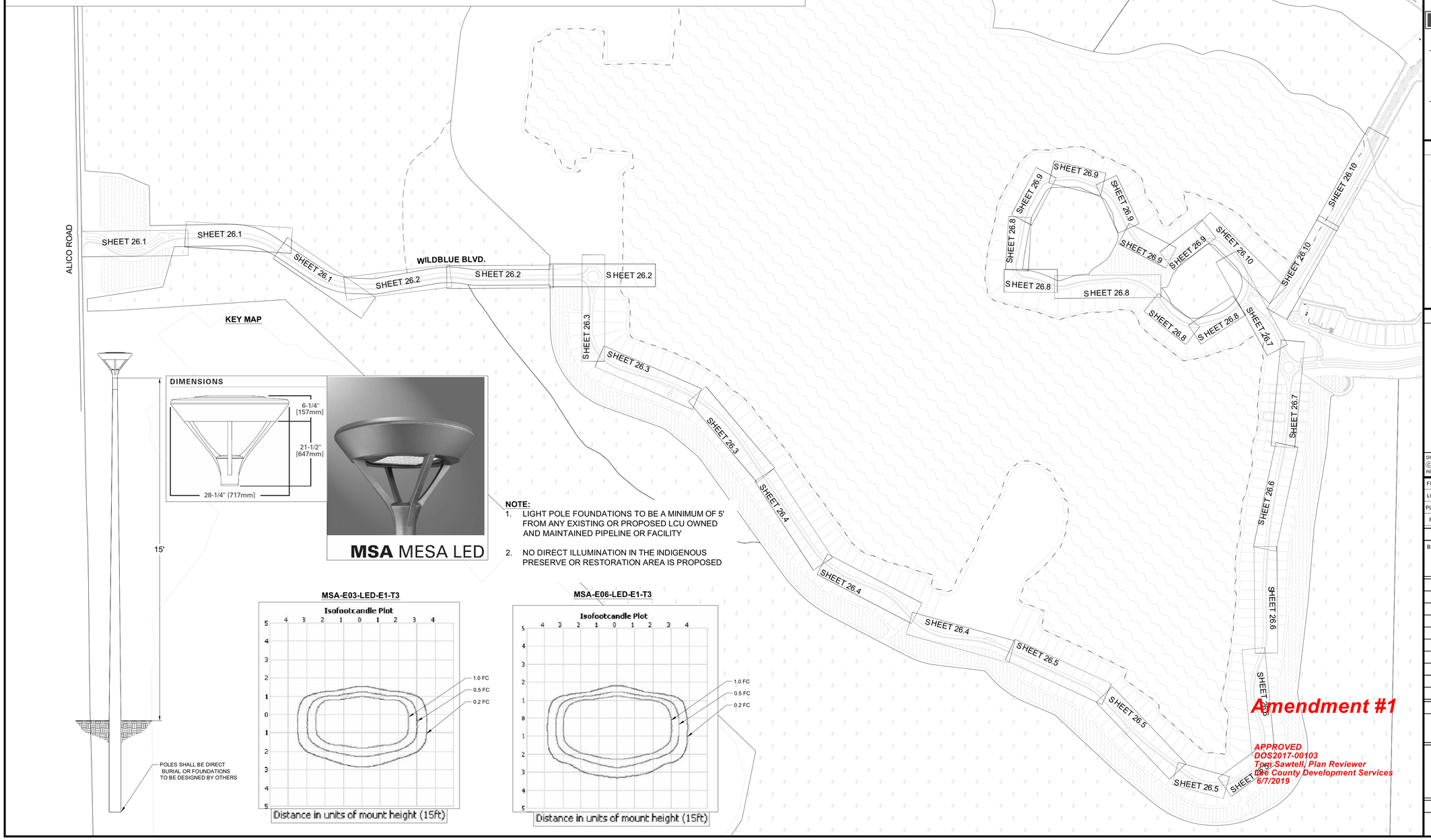
DEEP LAKE MANAGEMENT PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	25.0

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LUMINAIRE SCHEDULE							
SYMBOL	QTY	LABEL	ARRANGEMENT	TOTAL LAMP LUMENS	GLARE RATING (BUG)	LLF	DESCRIPTION
(ENTRANCE ROAD)	37	MSA-E03-LED-E1-T3	SINGLE	7,456	B2-U0-G2	1.000	MSA-E03-LED-E1-T3
(RESIDENTIAL)	140	MSA-E06-LED-E1-T3	SINGLE	14,911	B3-U0-G3	1.000	MSA-E06-LED-E1-T3

CALCULATION SUMMARY							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Entrance	ILLUMINANCE	Fc	0.48	2.5	0.0	N.A.	N.A.
LAND BRIDGE	ILLUMINANCE	Fc	1.66	5.2	0.0	N.A.	N.A.
PRESERVE	ILLUMINANCE	Fc	0.00	0.0	0.0	N.A.	N.A.
PRESERVE_1	ILLUMINANCE	Fc	0.00	0.0	0.0	N.A.	N.A.
Roadway	ILLUMINANCE	Fc	1.09	5.2	0.0	N.A.	N.A.
PHASE 1	ILLUMINANCE	Fc	0.96	5.2	0.0	N.A.	N.A.



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MSA-E03-LED-E1-T3

MSA-E06-LED-E1-T3

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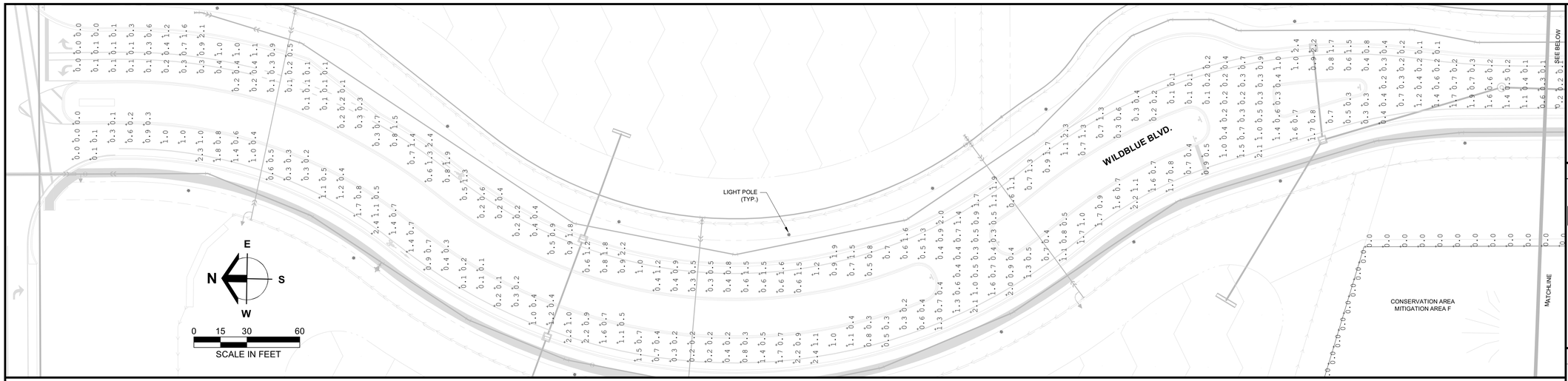
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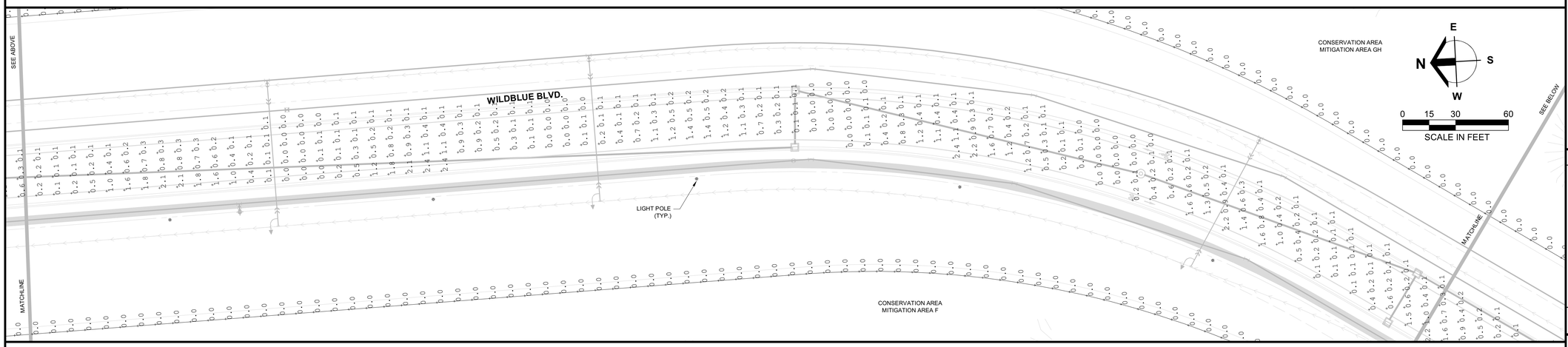
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05-16-19

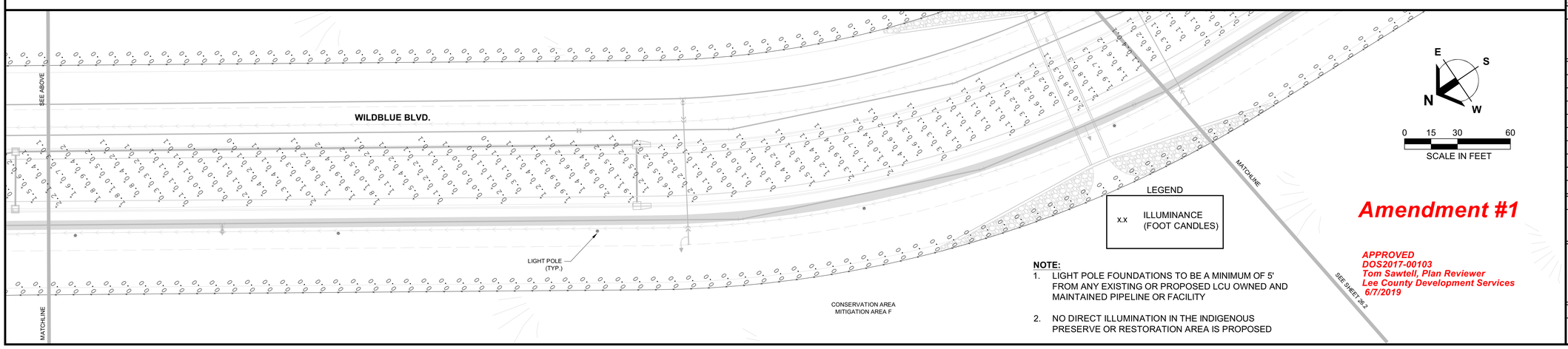
LIGHTING PLAN KEY MAP & DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.0

DOS2017-00103 Lee County ePlan







LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

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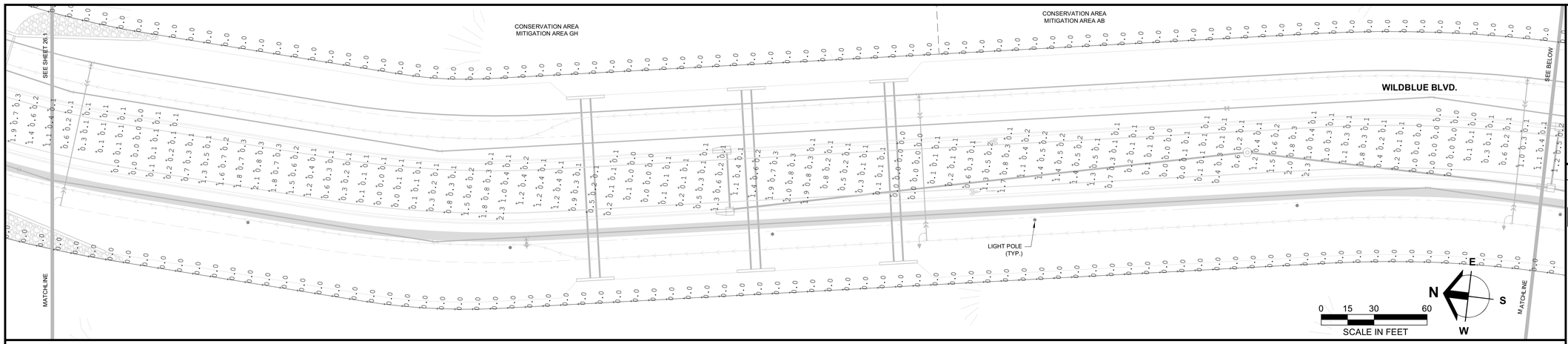
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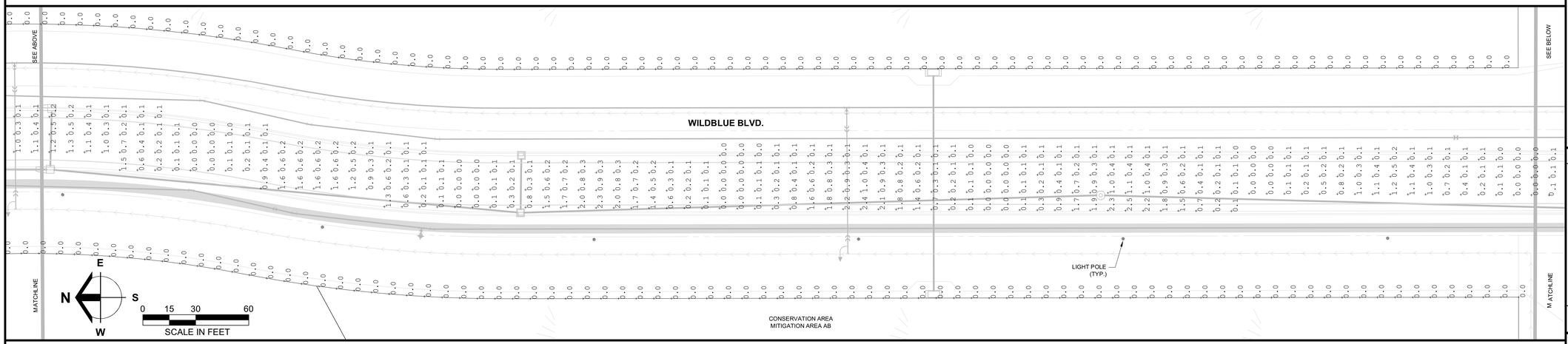
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05-16-19

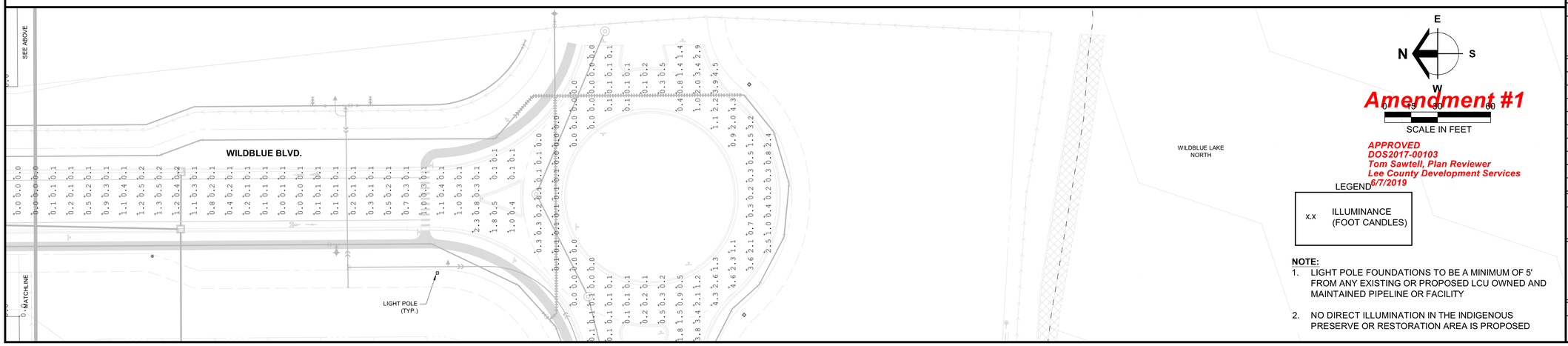
STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.1

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PLAN REVISIONS

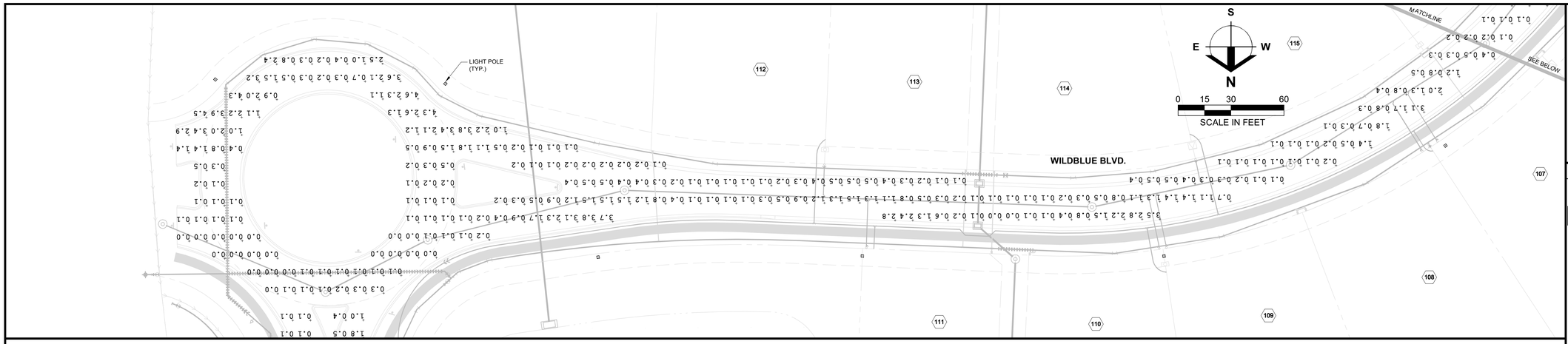
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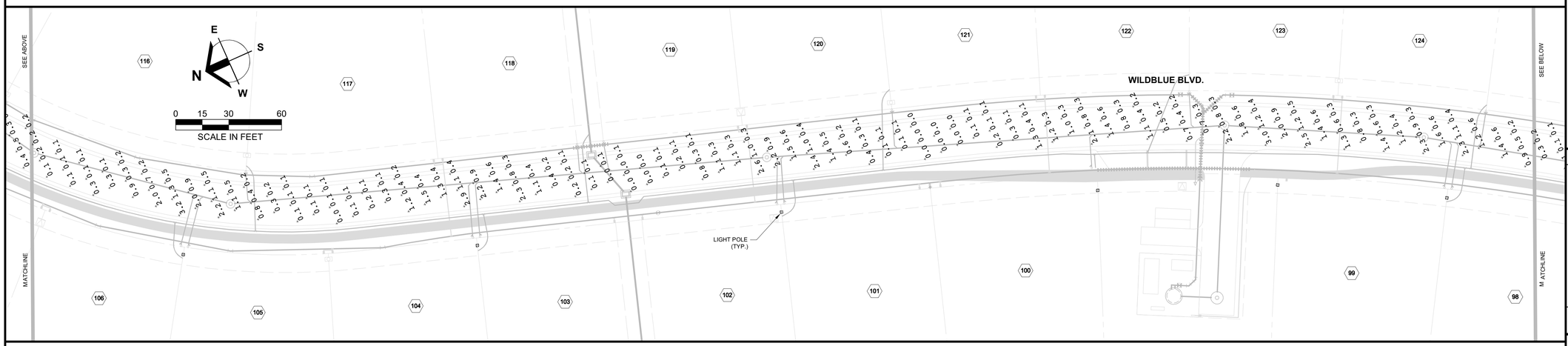
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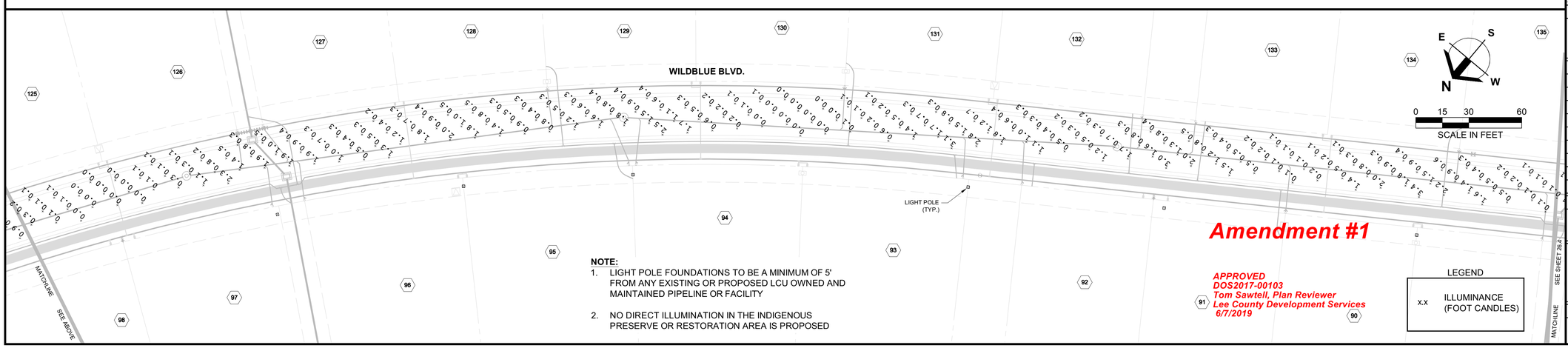
STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.2

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APPROVED
DOS2017-00103
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Lee County Development Services
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LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

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PLAN REVISIONS

02-14-19	D.O. AMENDMENT #1 CHANGES 1

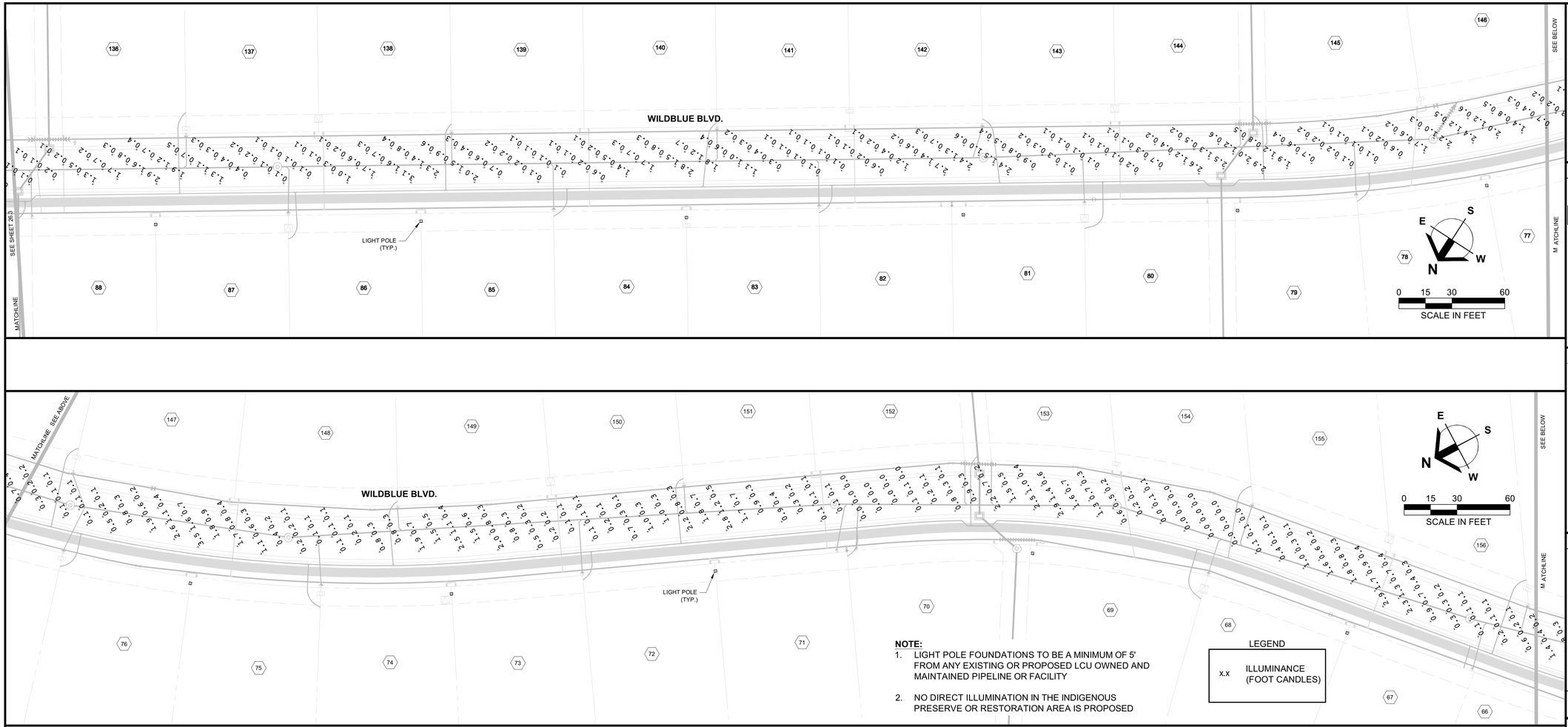
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05-16-19

STREET LIGHTING PLANS

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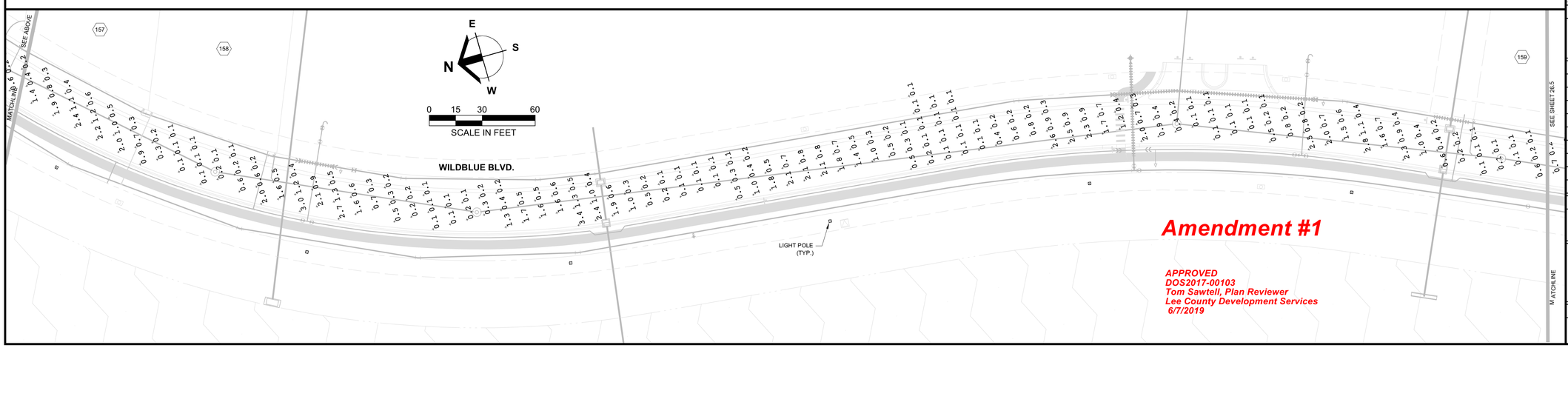


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x.x	ILLUMINANCE (FOOT CANDLES)



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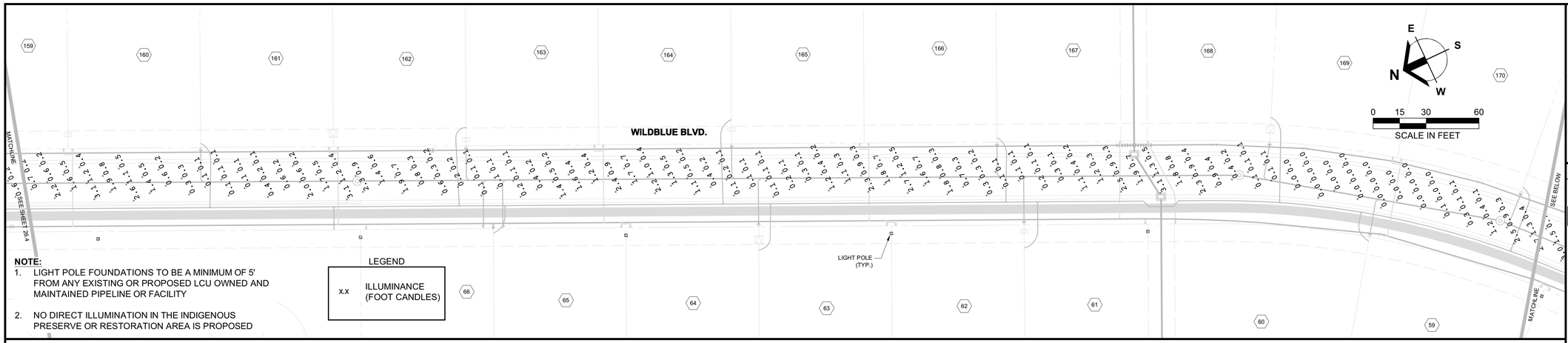
PLAN STATUS

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05-16-19

1 STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.4

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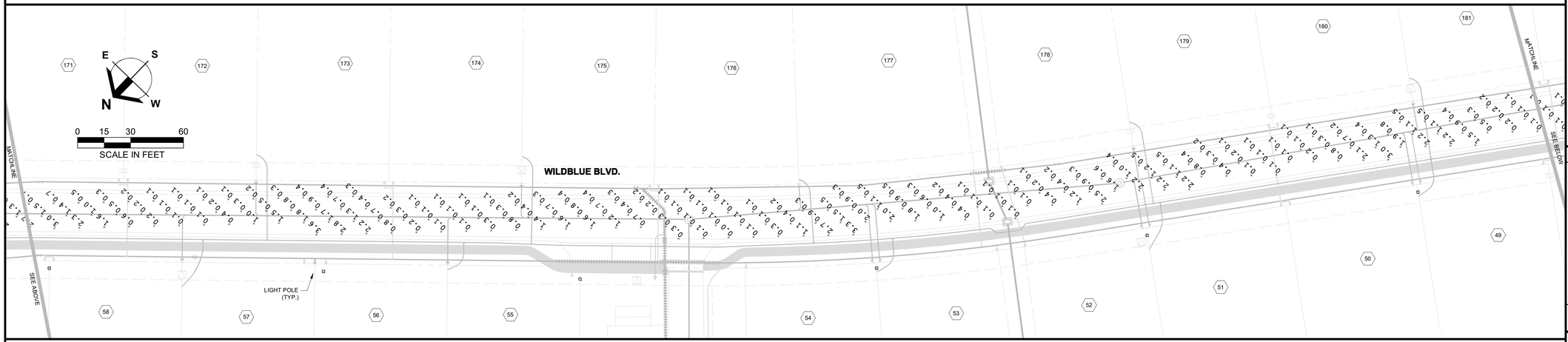


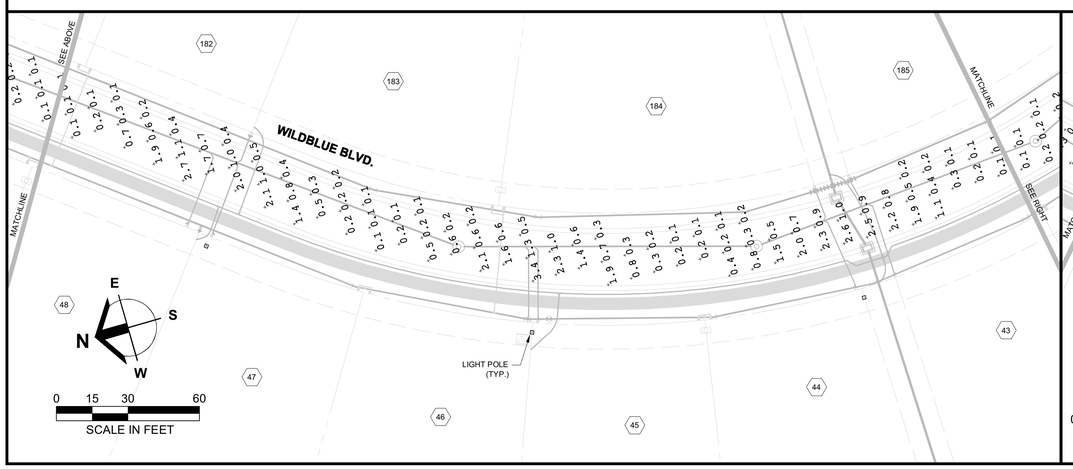
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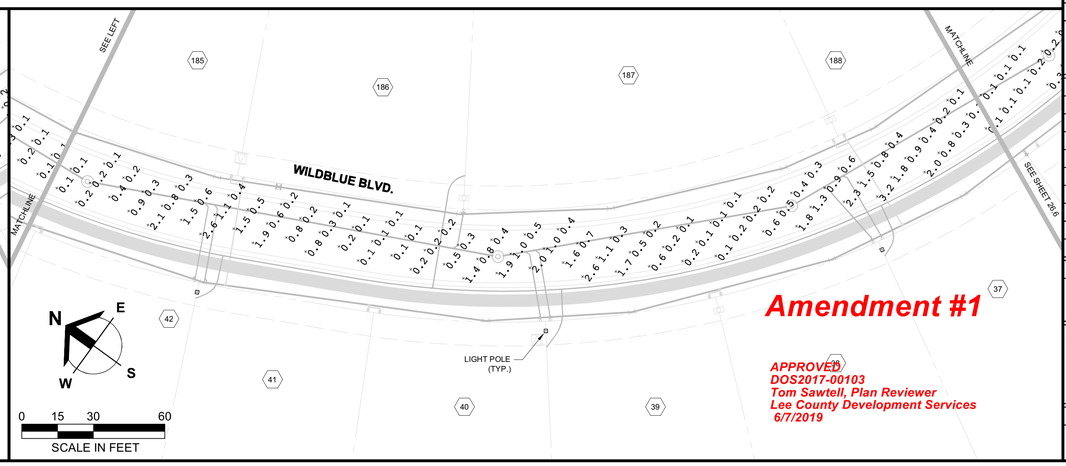
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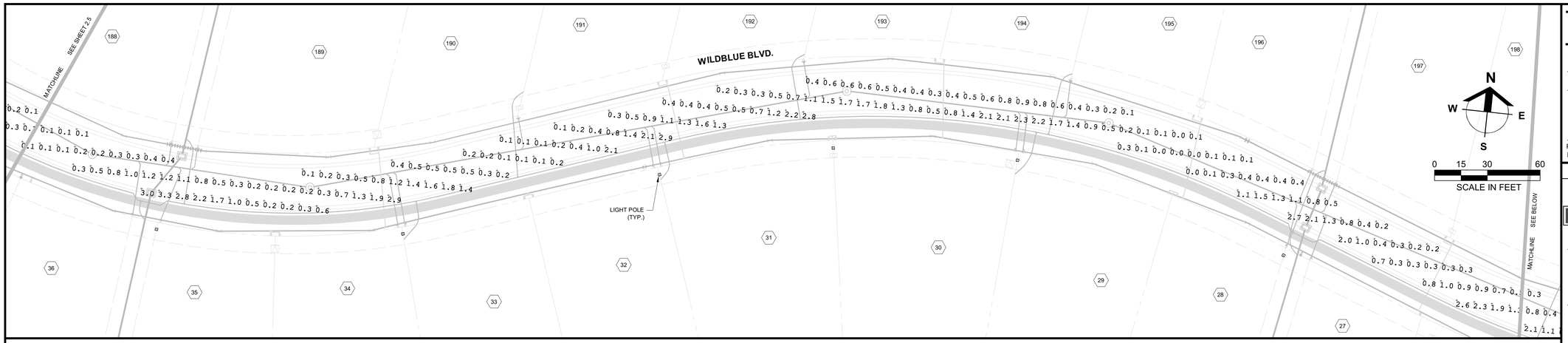
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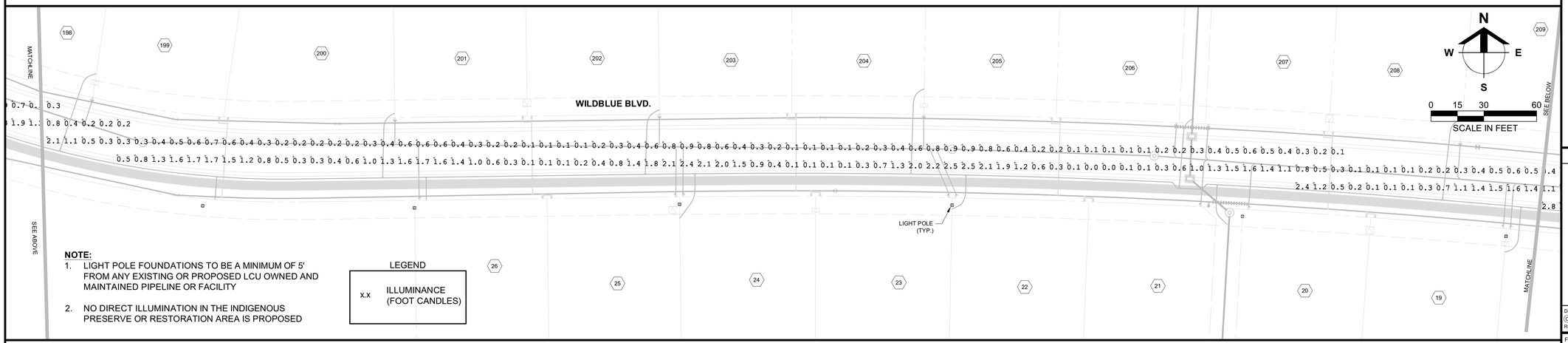
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1 STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.5

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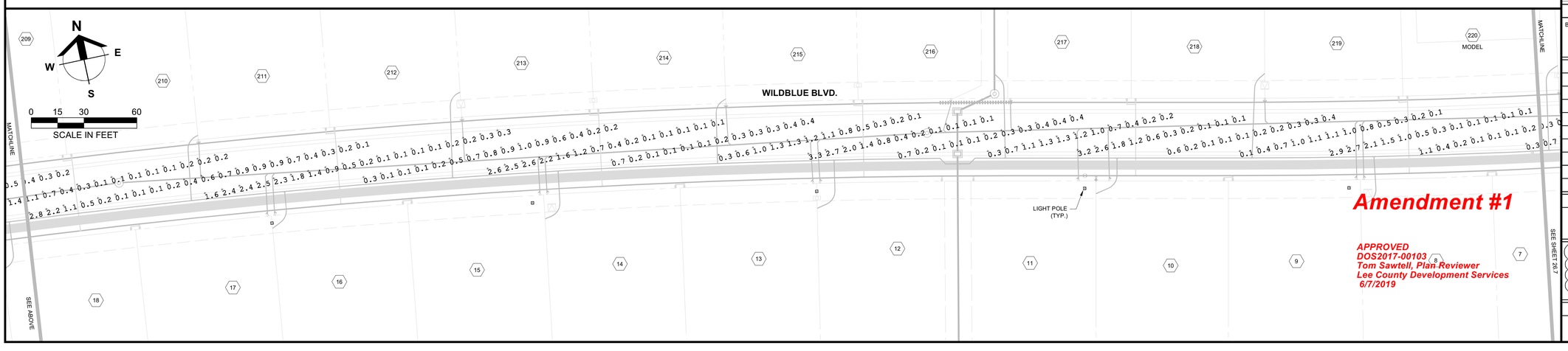


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FILE NAME	23675A96.DWG
LOCATION	J:\23675\DWG\DO_AMENDMENT 1 (4-29-19)
PLOT DATE	THU. 5-16-2019 - 5:04 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

02-14-19	D.O. AMENDMENT #1 CHANGES 1

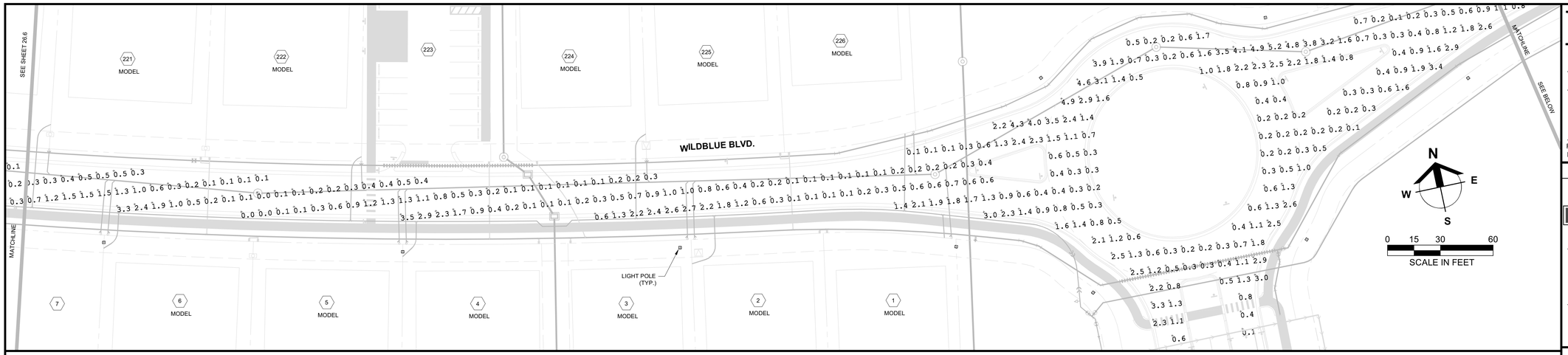
PLAN STATUS

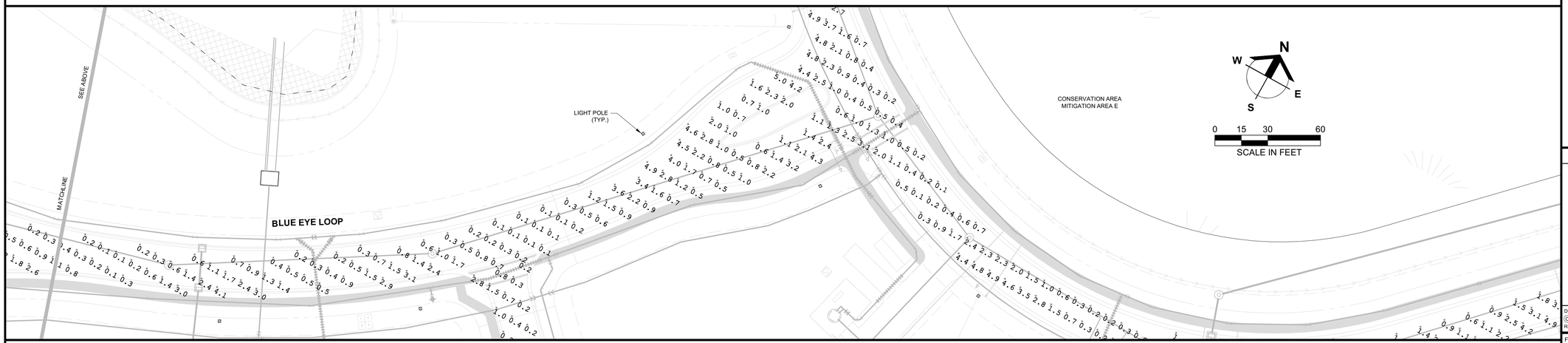
D.O. AMENDMENT #1
05-16-19

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.6

DOS2017-00103 Lee County ePlan





NOTE:

1. LIGHT POLE FOUNDATIONS TO BE A MINIMUM OF 5' FROM ANY EXISTING OR PROPOSED LCU OWNED AND MAINTAINED PIPELINE OR FACILITY
2. NO DIRECT ILLUMINATION IN THE INDIGENOUS PRESERVE OR RESTORATION AREA IS PROPOSED

LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
FORT MYERS, FLORIDA 33966

PHONE (239) 278-1177
FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

TIMOTHY B. GAVIN, P.E., FOR THE FIRM
FLORIDA P.E. NO. 70675 - TIMG@BARRACO.NET

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PLAN REVISIONS

02-14-19	D.O. AMENDMENT #1 CHANGES 1

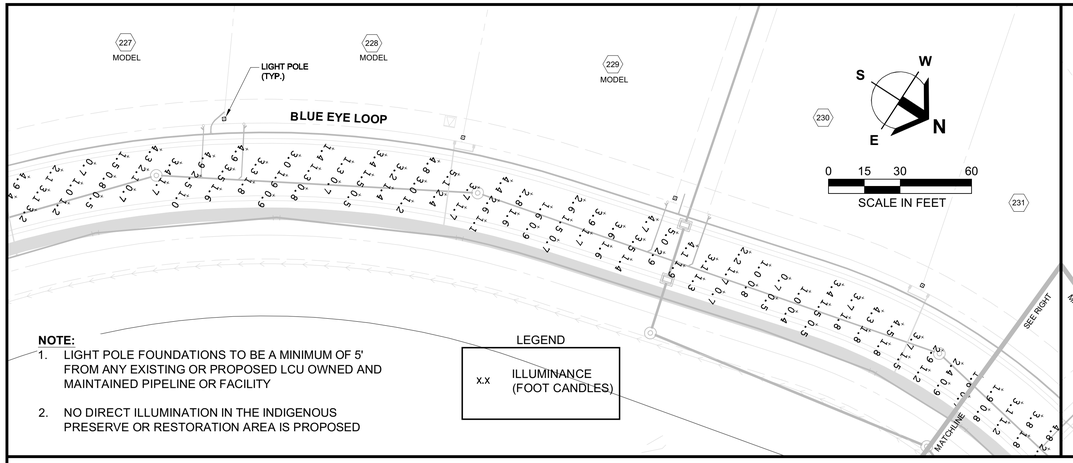
PLAN STATUS

D.O. AMENDMENT #1
05-16-19

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.7

DOS2017-00103 Lee County ePlan

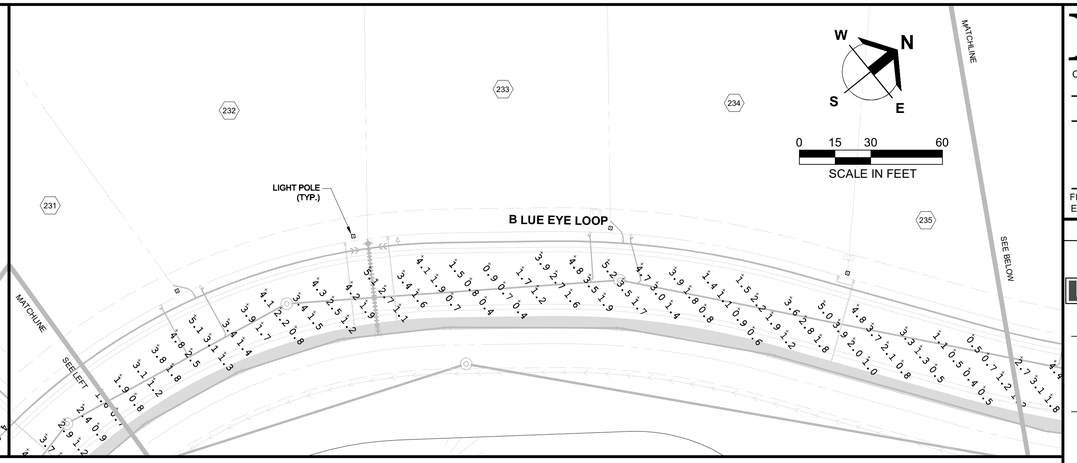


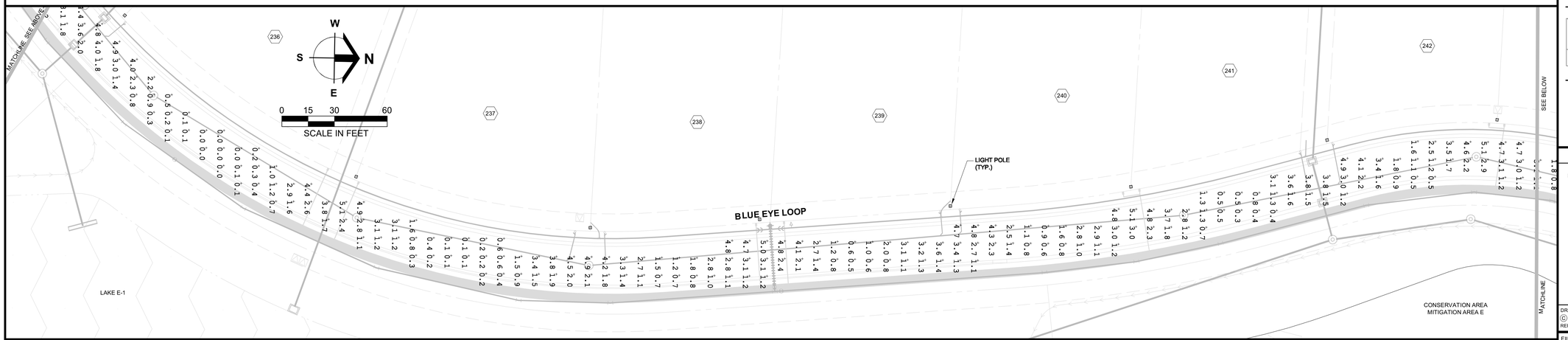
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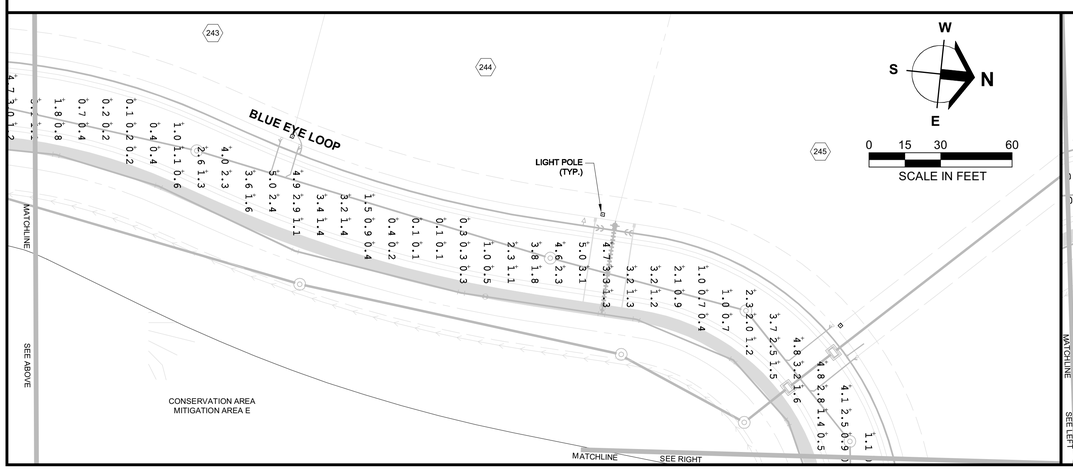
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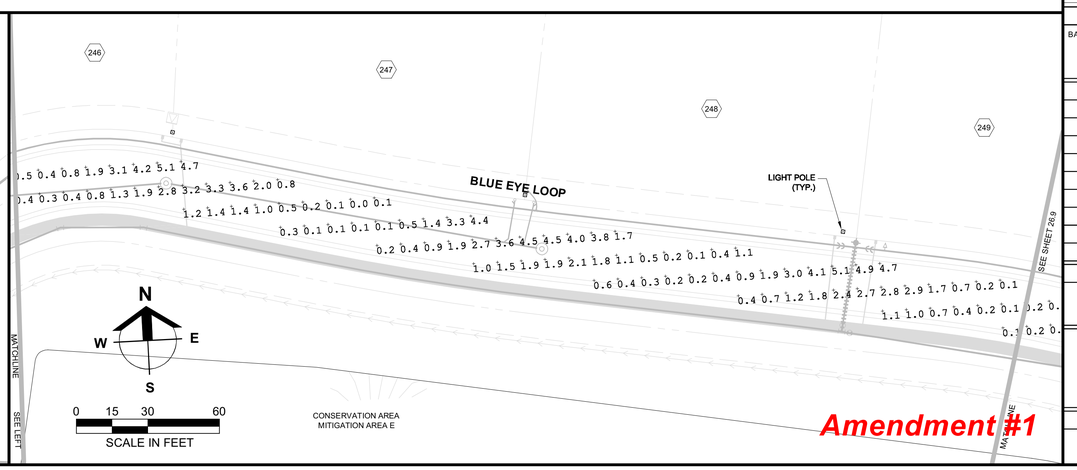
LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)









Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLAN REVISIONS

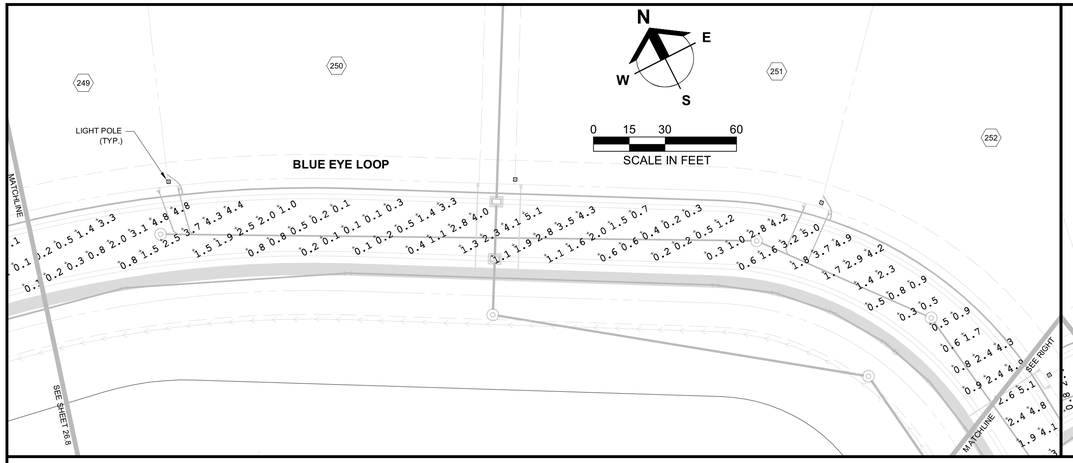
PLAN STATUS

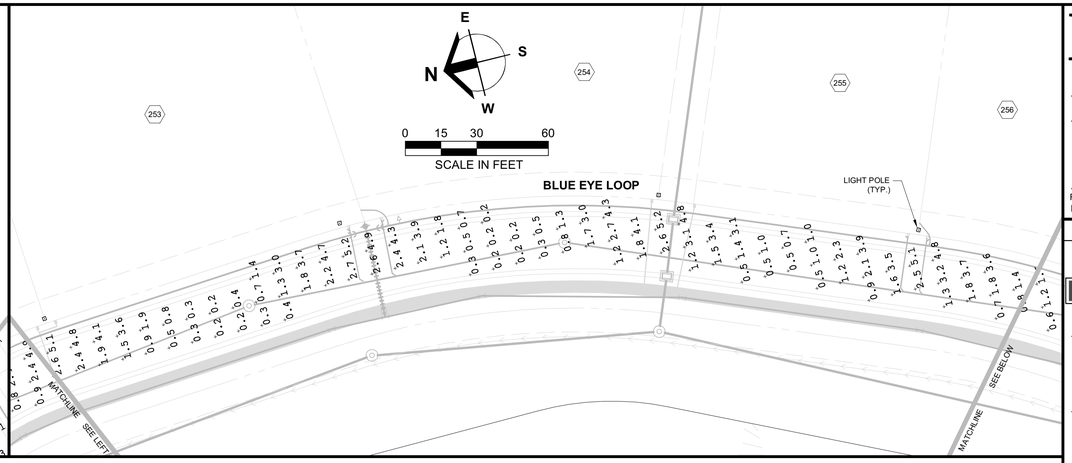
D.O. AMENDMENT #1
05-16-19

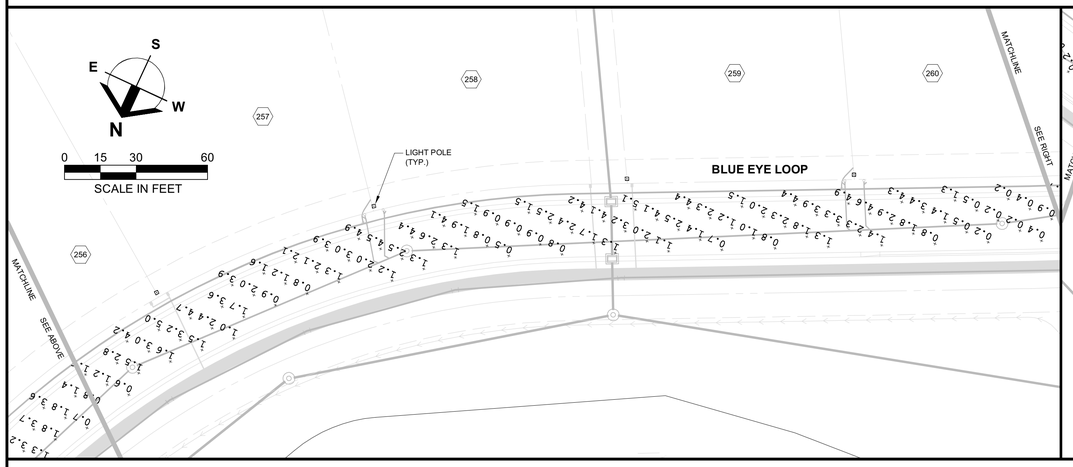
STREET LIGHTING PLANS

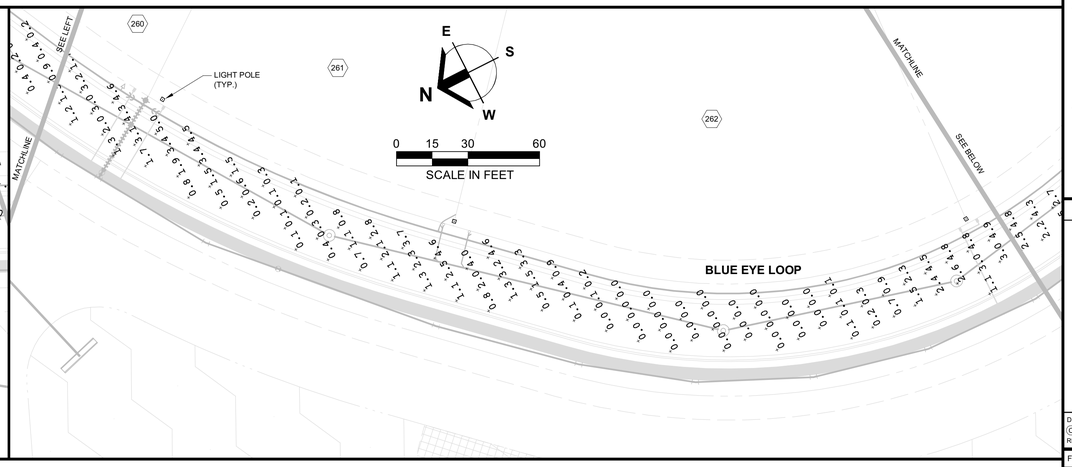
PROJECT / FILE NO.	SHEET NUMBER
23675	26.8

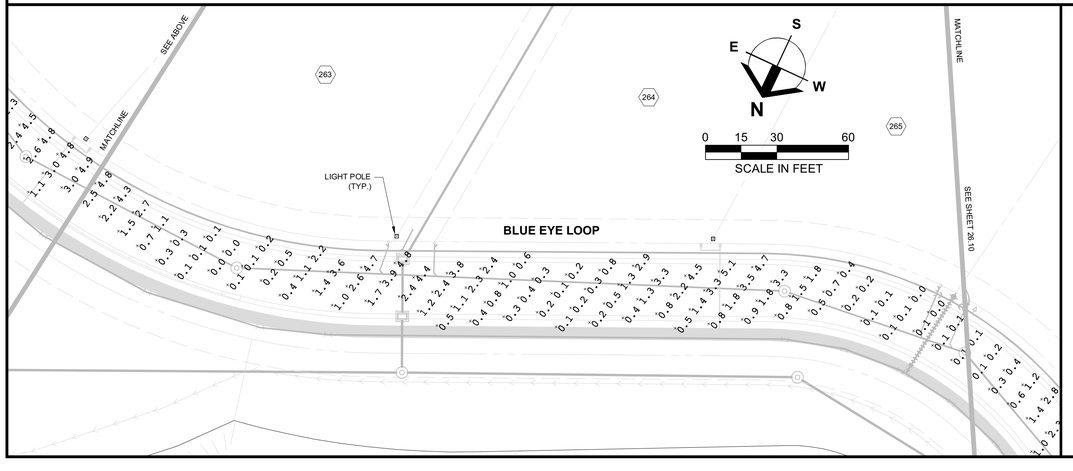
DOS2017-00103 Lee County ePlan











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LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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ENGINEER OF RECORD

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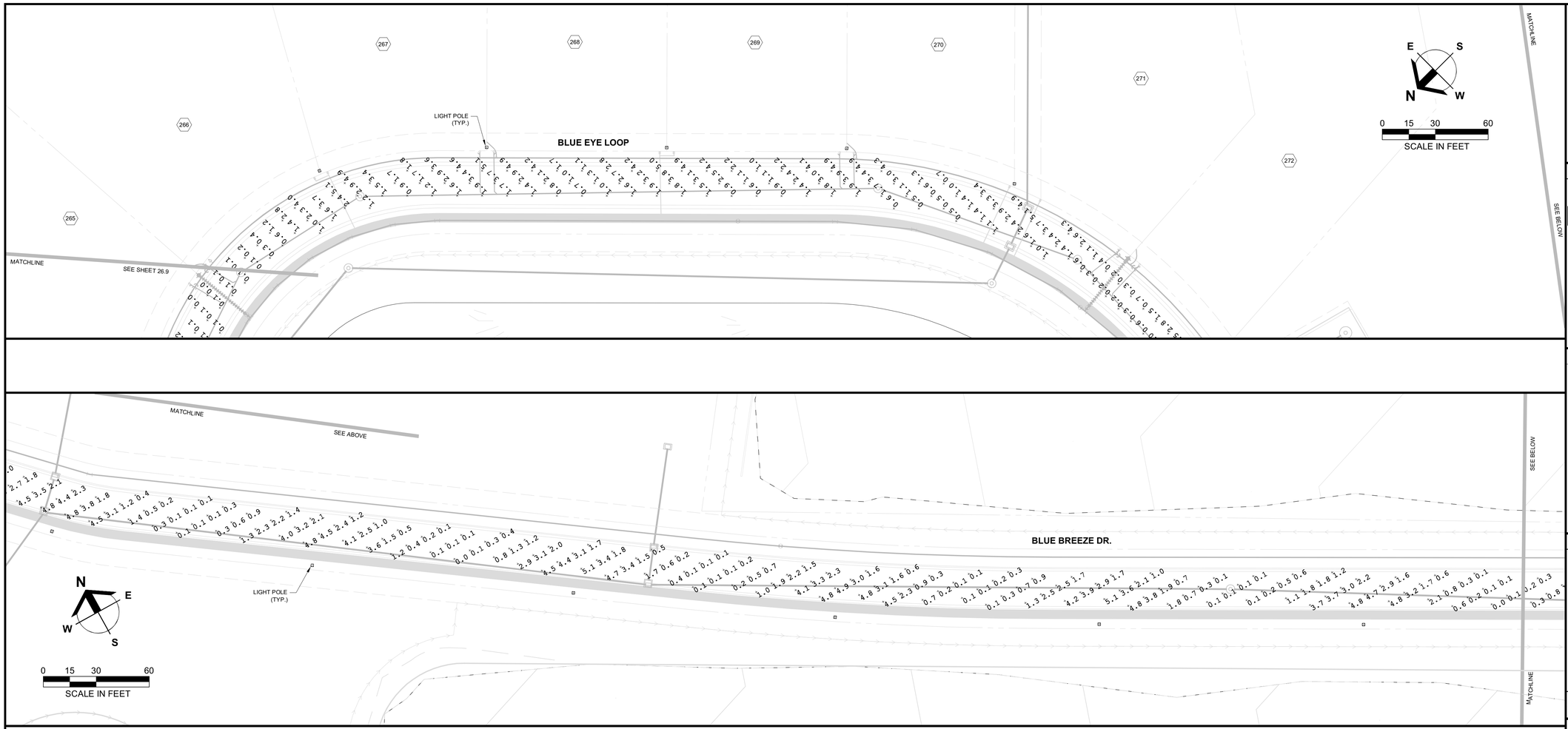
PLAN REVISIONS

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.9



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LEGEND

x.x ILLUMINANCE (FOOT CANDLES)

VISTABLUE PH.2
DOS2018-00012

Amendment #1

APPROVED
DOS2017-00103
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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BASEPLAN = 23675A00.DWG

PLAN REVISIONS

PLAN STATUS

D.O. AMENDMENT #1
05-16-19

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.10