DOS2018-00007 Lee County ePlan

DEVELOPMENT ORDER MINOR CHANGE #3

FOR

WILDBLUE SOUTHWEST

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

PART OF SECTION 17-20 TOWNSHIP 46 SOUTH, RANGE 26 EAST
FORT MYERS, LEE COUNTY, FLORIDA

PROJECT DATA

SITE ADDRESS
13500 ALICO ROAD
FORT 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
PENDING

FLOOD ZONE
ACCORDING TO THE FLOOD INSURANCE RATE MAP NO. 12071C0625F, EFFECTIVE DATE: AUGUST 28, 2008, THE SUBJECT PARCEL IS LOCATED IN FLOOD ZONE "X" (NO SPECIAL FLOOD HAZARD AREA)

STRAP NUMBERS
19-46-26-L2-070F2.0000
19-46-26-L2-070F2.0010
19-46-26-L2-070F2.0020
19-46-26-L2-070F2.0030

PERMIT REQUIREMENTS

AGENCY	STATUS	NOTES
S. FLORIDA WATER MANAGEMENT DISTRICT	APPROVED	36-05075-P
LEE COUNTY DEVELOPMENT ORDER	APPROVED	DOS2018-00007
FLORIDA DEPARTMENT OF HEALTH	APPROVED	0217283-220DSGP
FLORIDA DEPT. OF ENVIRONMENTAL PROTECTION	APPROVED	38436-418-DWC/CM
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	APPROVED	-

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 SAPEN

SITE PLANNING
JENNIFER SAPEN

DESIGN STAFF
SCOTT A. WHEELER, JR.

LAND PLANNING
-

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

0 500 1000 2000
SCALE IN FEET

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INDEX OF DRAWINGS

SHEET	DESCRIPTION	XREF	DRAWING NAME
C1.0	COVER SHEET AND LOCATION MAP	A	23526A01.DWG
C2.0	STANDARD NOTES, LEGEND AND ABBREVIATIONS	-	23526A02.DWG
C3.0	AERIAL PHOTOGRAPH AND EXISTING CONDITIONS PLAN	A	23526A06.DWG
C4.0	MASTER SITE AND PHASING PLAN	A	23526A10.DWG
C4.1	MODEL HOME PARKING PLAN	A	23526A10B.DWG
C5.0	MASTER DRAINAGE PLAN	A	23526A11.DWG
C6.0	MASTER UTILITY PLAN	A	23526A12.DWG
C7.0-C7.26	DETAILED PAVING, GRADING, AND DRAINAGE PLANS C7.0-C7.1, C7.3, C7.6, C7.8-C7.12, C7.15-C7.17, C7.21-C7.22, C7.24-C7.25	A	23526A15.DWG
C8.2,C8.5 C8.0-C8.5	TYPICAL SECTIONS	-	23526A18.DWG
C9.0	PLAN AND PROFILE KEY SHEET	A	23526A29.DWG
C10.7 C10.0-C10.8	PLAN AND PROFILES - WILDBLUE BLVD. (STA: 400 & 500)	A,B	23526A30A.DWG
C11.0	PLAN AND PROFILES - AQUA RESERVE CT. (STA: 600)	A,B	23526A30B.DWG
C12.1 C12.0-C12.1	PLAN AND PROFILES - WATERMAN CT. (STA: 700)	A,B	23526A30C.DWG
C13.2 C13.0-C13.2	PLAN AND PROFILES - AQUA VIEW LN. (STA: 800)	A,B	23526A30D.DWG
C14.1, C14.2 C14.0-C14.2	PLAN AND PROFILES - MARQUESA DR. (STA: 900)	A,B	23526A30E.DWG
C15.5 C15.0-C15.8	PLAN AND PROFILES - AQUA SHORE DR. (STA: 1000)	A,B	23526A30F.DWG
C16.0	PLAN AND PROFILES - WATER FERN WAY (STA: 1100)	A,B	23526A30G.DWG
C17.0	PLAN AND PROFILES - LIFT STATIONS 7883 & 7884	A,B	23526A30H.DWG
C18.0	CONTROL STRUCTURE DETAILS	-	23526A42.DWG
C19.0-C19.2	TYPICAL CONSTRUCTION DETAILS	-	23526A44.DWG
C20.0	EROSION CONTROL DETAILS	-	23526A50.DWG
C21.0	STORMWATER POLLUTION PREVENTION PLAN	A	23526A52.DWG
C22.0-C22.3	UTILITY DETAILS	-	23526A70.DWG
C23.0-C23.2	LIFT STATION 7883 & 7884 DETAILS	-	23526A71.DWG
C24.0,C24.5, C24.6, C24.8 C24.0-C24.9	STREET LIGHTING PLANS	A	23526A86.DWG
C25.0-C25.1	OFFSITE TURN LANES CORKSCREW ROAD	A	23526A90.DWG
C26.0	DEWATERING PLAN	-	23526A93.DWG
C27.0	DEEP LAKE MANAGEMENT PLAN	-	23526A94.DWG
C28.0-C28.1	CLEARING & EARTHWORK PLAN	-	23526A99A.DWG
C29.0-C29.1	CLEARING & EARTHWORK PLAN SECTIONS	-	23526A99B.DWG

CROSS-REFERENCED DRAWINGS

XREF	DESCRIPTION	DRAWING NAME
A	BASE LINEWORK PLAN	23526A00.DWG
B	PROFILE BASE PLAN	23526A00P.DWG
C	SURVEY BASE PLAN	23372S00.DWG

Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

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SUITE 300
BONITA SPRINGS, FLORIDA 34134
PHONE (239) 498-7711
FAX (239) 498-7707
WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
FLORIDA P.E. NO. 38536 - CARLB@BARRACO.NET

CARL A. BARRACO LICENSE No. 38536 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Carl A. Barraco, P.E.
Date: 2019.05.30 16:37:46 -04'00'

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

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FILE NAME	23526A01.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 2:45 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

MASTER = BAI-COVER-1.DWG

PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3	1
05-20-19	D.O. COMMENTS DATED 05-17-19	2
05-30-19	D.O. COMMENTS DATED 05-30-19	3

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

COVER SHEET AND LOCATION MAP

PROJECT / FILE NO.	SHEET NUMBER
23526	C1.0

DEVELOPMENT ORDER MINOR CHANGE 1

- (3) MAIL KIOSK LOCATIONS
- LAKE H-2 EXPANSION
- REVISED PLANS TO ADD RIP RAP (EXISTING ROCK) TO THE RECREATIONAL LAKE BANK SLOPE

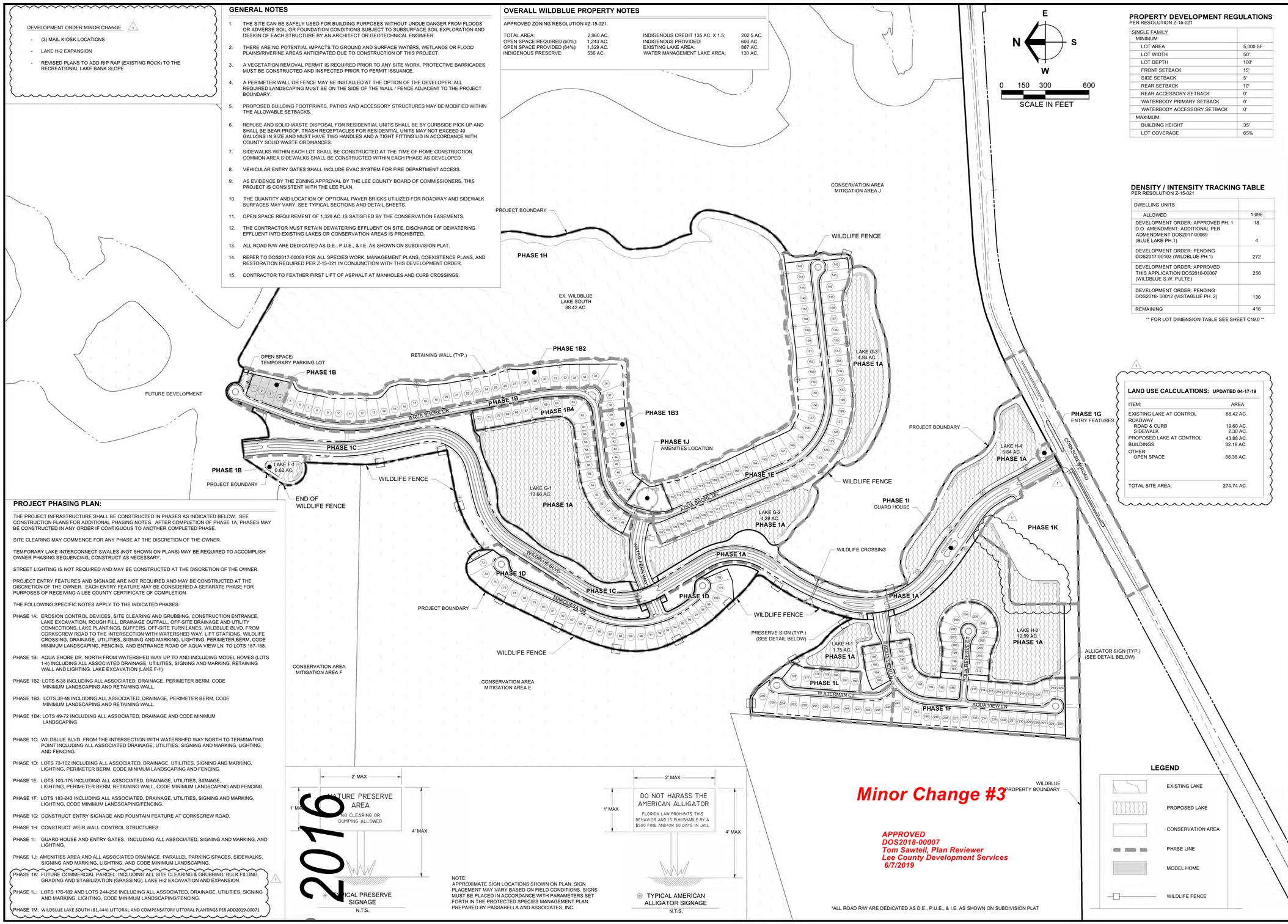
GENERAL NOTES

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 POTENTIAL 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 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.
15. CONTRACTOR TO FEATHER FIRST LIFT OF ASPHALT AT MANHOLES AND CURB CROSSINGS.

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.



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%

DENSITY / INTENSITY TRACKING TABLE

PER RESOLUTION Z-15-021

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

** FOR LOT DIMENSION TABLE SEE SHEET C19.0 **

LAND USE CALCULATIONS: UPDATED 04-17-19

ITEM:	AREA
EXISTING LAKE AT CONTROL	88.42 AC.
ROADWAY	
ROAD & CURB	19.60 AC.
SIDEWALK	2.30 AC.
PROPOSED LAKE AT CONTROL	43.88 AC.
BUILDINGS	32.16 AC.
OTHER	
OPEN SPACE	88.38 AC.
TOTAL SITE AREA:	274.74 AC.

PROJECT PHASING PLAN:

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

SITE CLEARING MAY COMMENCE FOR ANY PHASE AT THE DISCRETION OF THE OWNER.

TEMPORARY LAKE INTERCONNECT SWALES (NOT SHOWN ON PLANS) MAY BE REQUIRED TO ACCOMPLISH OWNER PHASING SEQUENCING; CONSTRUCT AS NECESSARY.

STREET LIGHTING IS NOT REQUIRED AND MAY BE CONSTRUCTED AT THE DISCRETION OF THE OWNER.

PROJECT ENTRY FEATURES AND SIGNAGE ARE NOT REQUIRED AND MAY BE CONSTRUCTED AT THE DISCRETION OF THE OWNER. EACH ENTRY FEATURE MAY BE CONSIDERED A SEPARATE PHASE FOR PURPOSES OF RECEIVING A LEE COUNTY CERTIFICATE OF COMPLETION.

THE FOLLOWING SPECIFIC NOTES APPLY TO THE INDICATED PHASES:

PHASE 1A: EROSION CONTROL DEVICES, SITE CLEARING AND GRUBBING, CONSTRUCTION ENTRANCE, LAKE EXCAVATION, ROUGH FILL, DRAINAGE OUTFALL, OFF-SITE DRAINAGE AND UTILITY CONNECTIONS, LAKE PLANTINGS, BUFFERS. OFF-SITE TURN LANES, WILDBLUE BLVD. FROM CORKSCREW ROAD TO THE INTERSECTION WITH WATERSHED WAY. LIFT STATIONS, WILDLIFE CROSSING, DRAINAGE, UTILITIES, SIGNING AND MARKING, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING, FENCING, AND ENTRANCE ROAD OF AQUA VIEW LN. TO LOTS 187-188.

PHASE 1B: AQUA SHORE DR. NORTH FROM WATERSHED WAY UP TO AND INCLUDING MODEL HOMES (LOTS 1-4) INCLUDING ALL ASSOCIATED DRAINAGE, UTILITIES, SIGNING AND MARKING, RETAINING WALL AND LIGHTING. LAKE EXCAVATION (LAKE F-1).

PHASE 1B2: LOTS 5-38 INCLUDING ALL ASSOCIATED, DRAINAGE, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND RETAINING WALL.

PHASE 1B3: LOTS 39-48 INCLUDING ALL ASSOCIATED, DRAINAGE, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND RETAINING WALL.

PHASE 1B4: LOTS 49-72 INCLUDING ALL ASSOCIATED, DRAINAGE AND CODE MINIMUM LANDSCAPING

PHASE 1C: WILDBLUE BLVD. FROM THE INTERSECTION WITH WATERSHED WAY NORTH TO TERMINATING POINT INCLUDING ALL ASSOCIATED DRAINAGE, UTILITIES, SIGNING AND MARKING, LIGHTING, AND FENCING.

PHASE 1D: LOTS 73-102 INCLUDING ALL ASSOCIATED, DRAINAGE, UTILITIES, SIGNING AND MARKING, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND FENCING.

PHASE 1E: LOTS 103-175 INCLUDING ALL ASSOCIATED, DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, RETAINING WALL, CODE MINIMUM LANDSCAPING AND FENCING.

PHASE 1F: LOTS 183-243 INCLUDING ALL ASSOCIATED, DRAINAGE, UTILITIES, SIGNING AND MARKING, LIGHTING, CODE MINIMUM LANDSCAPING/FENCING.

PHASE 1G: CONSTRUCT ENTRY SIGNAGE AND FOUNTAIN FEATURE AT CORKSCREW ROAD.

PHASE 1H: CONSTRUCT WEIR WALL CONTROL STRUCTURES.

PHASE 1I: GUARD HOUSE AND ENTRY GATES. INCLUDING ALL ASSOCIATED, SIGNING AND MARKING, AND LIGHTING.

PHASE 1J: AMENITIES AREA AND ALL ASSOCIATED DRAINAGE, PARALLEL PARKING SPACES, SIDEWALKS, SIGNING AND MARKING, LIGHTING, AND CODE MINIMUM LANDSCAPING.

PHASE 1K: FUTURE COMMERCIAL PARCEL. INCLUDING ALL SITE CLEARING & GRUBBING, BULK FILLING, GRADING AND STABILIZATION (GRASSING). LAKE H-2 EXCAVATION AND EXPANSION. 1

PHASE 1L: LOTS 176-182 AND LOTS 244-256 INCLUDING ALL ASSOCIATED, DRAINAGE, UTILITIES, SIGNING AND MARKING, LIGHTING, CODE MINIMUM LANDSCAPING/FENCING.

PHASE 1M: WILDBLUE LAKE SOUTH (81,444) LITTORAL AND COMPENSATORY LITTORAL PLANTINGS PER ADD2019-00071

2016

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.

Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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

LEGEND

- EXISTING LAKE
- PROPOSED LAKE
- CONSERVATION AREA
- PHASE LINE
- MODEL HOME
- WILDLIFE FENCE

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
FLORIDA P.E. NO. 38536 - CARLB@BARRACO.NET

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FILE NAME	23526A10.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 3:25 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG

PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3 1

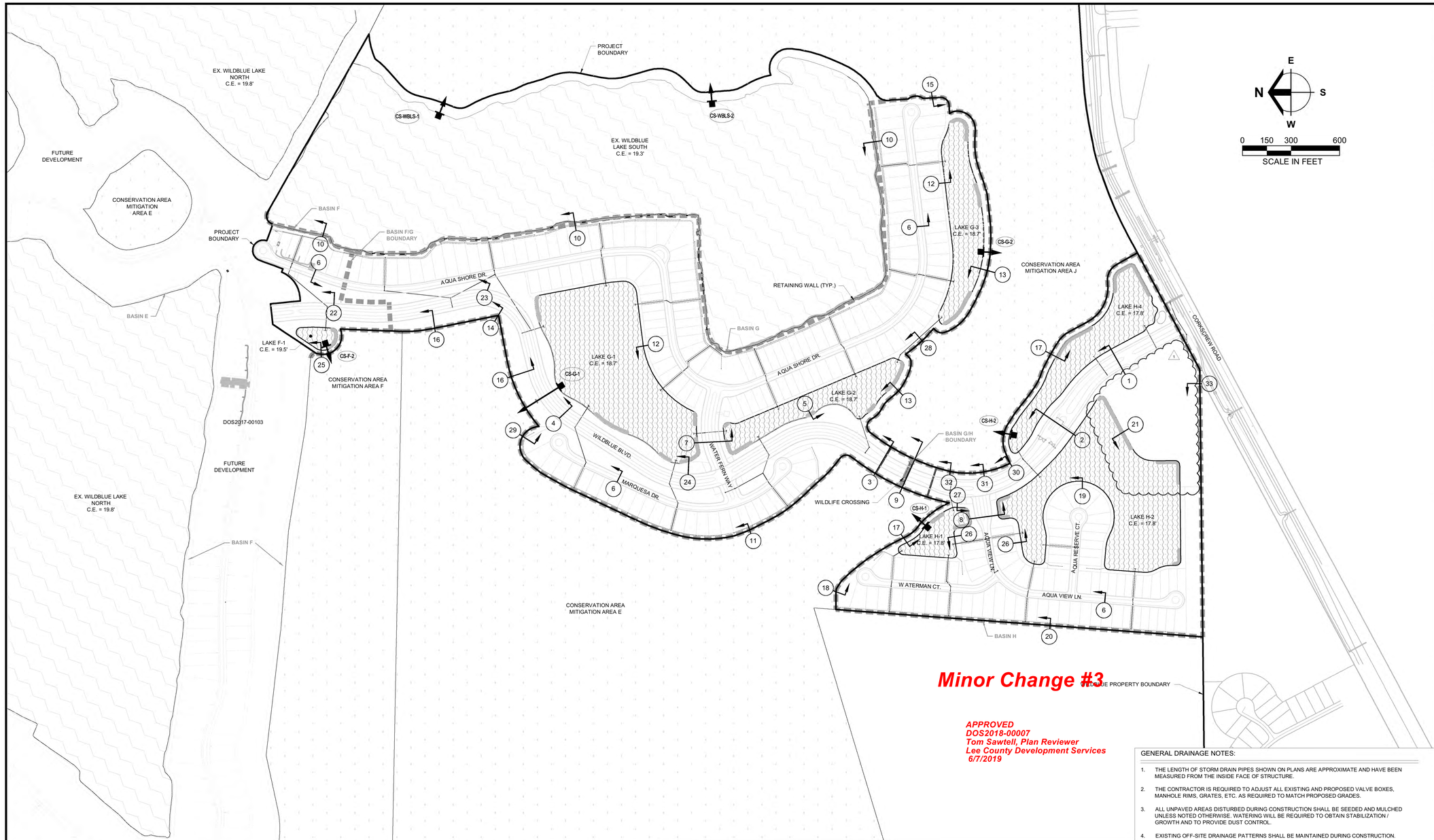
PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

MASTER SITE AND PHASING PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	C4.0

DOS2018-00007 Lee County ePlan



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

LEGEND

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

WATER MANAGEMENT SUMMARY

WATER MANAGEMENT CRITERIA	BASIN F	BASIN G	BASIN H	WILDBLUE LAKE SOUTH
5-YR, 1-DAY RAINFALL DEPTH	5.5in	5.5in	5.5in	5.5in
25-YR, 3-DAY RAINFALL DEPTH	10.8in	10.8in	10.8in	10.8in
100-YR, 3-DAY RAINFALL DEPTH	13.5in	13.5in	13.5in	13.5in
CONTROL ELEVATION	**19.50' NAVD**	**18.70' NAVD**	**17.80' NAVD**	**19.30' NAVD**
PEAK 5-YR, 1-DAY STORM STAGE	20.35' NAVD	19.76' NAVD	18.69' NAVD	19.74' NAVD
PEAK 25-YR, 3-DAY STORM STAGE	21.88' NAVD	22.04' NAVD	20.64' NAVD	20.36' NAVD
PEAK 100-YR, 3-DAY (zero-discharge) STAGE	22.93' NAVD	22.12' NAVD	20.64' NAVD	20.45' NAVD
MINIMUM CALCULATED PAVEMENT ELEVATION	21.5' NAVD	20.7' NAVD	19.8' NAVD	-
MINIMUM PROPOSED PAVEMENT ELEVATION	**22.0' NAVD**	**21.2' NAVD**	**20.3' NAVD**	**-**
MINIMUM CALCULATED PERIMETER BERM ELEVATION	21.9' NAVD	22.1' NAVD	20.7' NAVD	20.4' NAVD
MINIMUM PROPOSED PERIMETER BERM ELEVATION	**21.9' NAVD**	**22.1' NAVD**	**20.8' NAVD**	**20.5' NAVD**
MINIMUM CALCULATED FINISHED FLOOR ELEVATION	23.0' NAVD	22.2' NAVD	20.7' NAVD	-
MINIMUM PROPOSED FINISHED FLOOR ELEVATION	**23.5' NAVD**	**22.7' NAVD**	**21.8' NAVD**	**-**

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.

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FAX (239) 498-7707
WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
FLORIDA P.E. NO. 38536 - CARLB@BARRACO.NET

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FILE NAME	23526A11.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 2:46 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

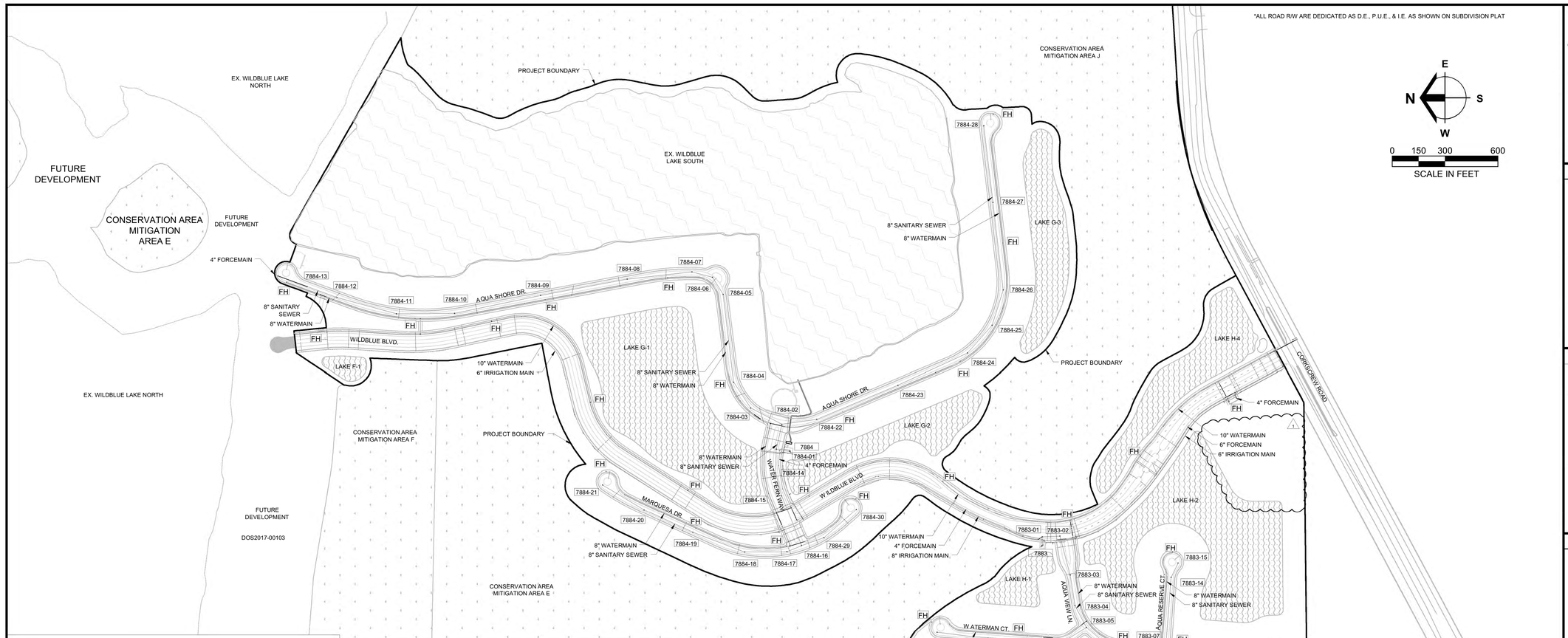
04-17-19	D.O. MINOR CHANGE #3 (1)

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

MASTER DRAINAGE PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	C5.0



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 12 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.

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).

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 FOR 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 WATERSERVICE 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.

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 SANITARY SEWER 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. 7' WIDE 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.

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

Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

PIPE LENGTHS:

WATERMAIN	LENGTH
10" DR-18 PVC	6,530 L.F.
10" DIP	125 L.F.
8" DR-18 PVC	11,470 L.F.
8" DIP	605 L.F.
SANITARY	**LENGTH**
8" SDR-26	10,360 L.F.
8" C-900	1,100 L.F.
FORCEMAIN	**LENGTH**
6" DR-18 PVC	1,635 L.F.
6" C-900 DR-14 PVC	190 L.F.
4" DR-18 PVC	1,978 L.F.
4" C-900 DR-14 PVC	265 L.F.

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

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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

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CROSS REFERENCED DRAWINGS

PLAN REVISIONS

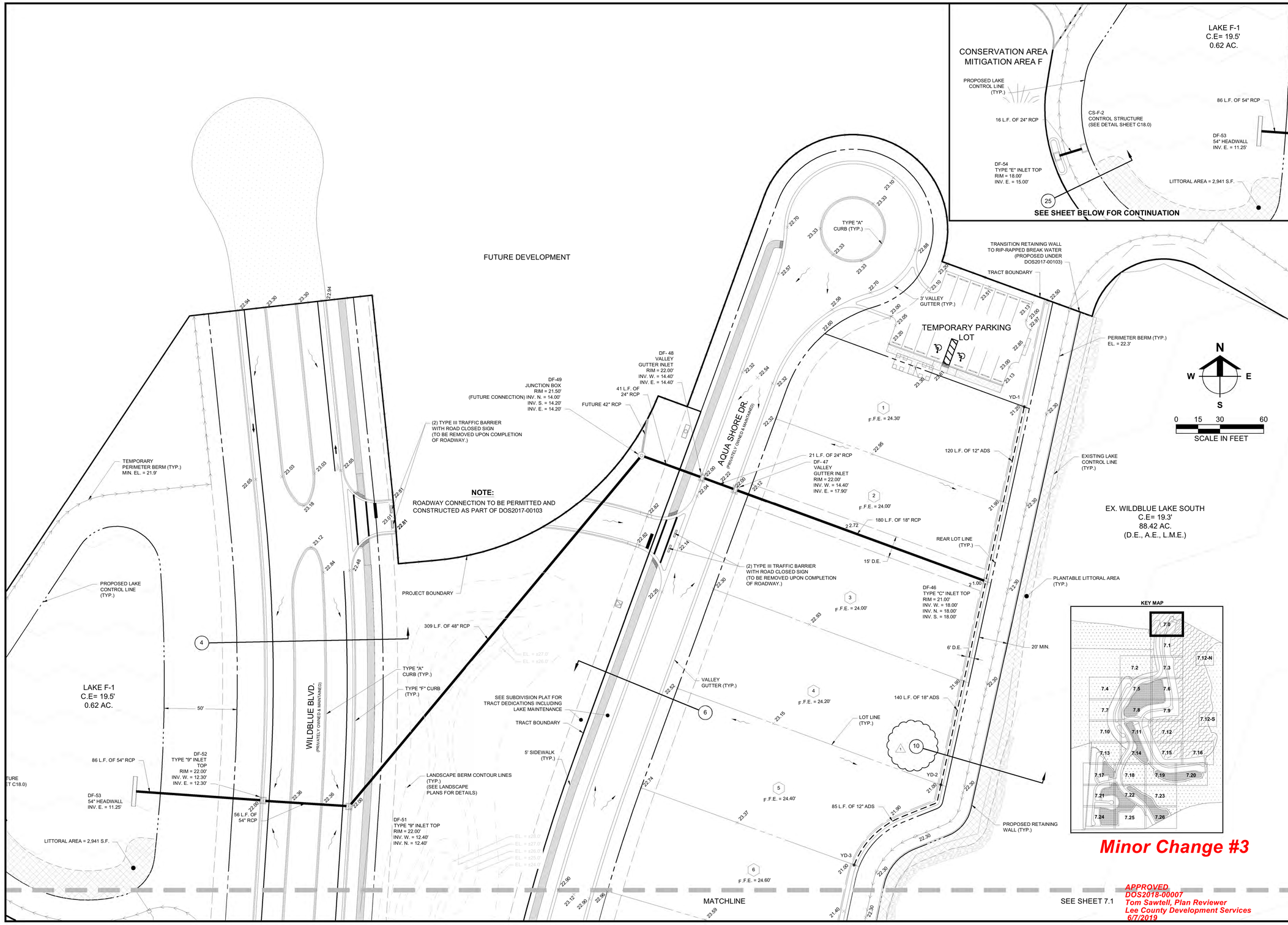
04-17-19	D.O. MINOR CHANGE #3

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

MASTER UTILITY PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	C6.0



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CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
SURVEY = 23372S00.DWG

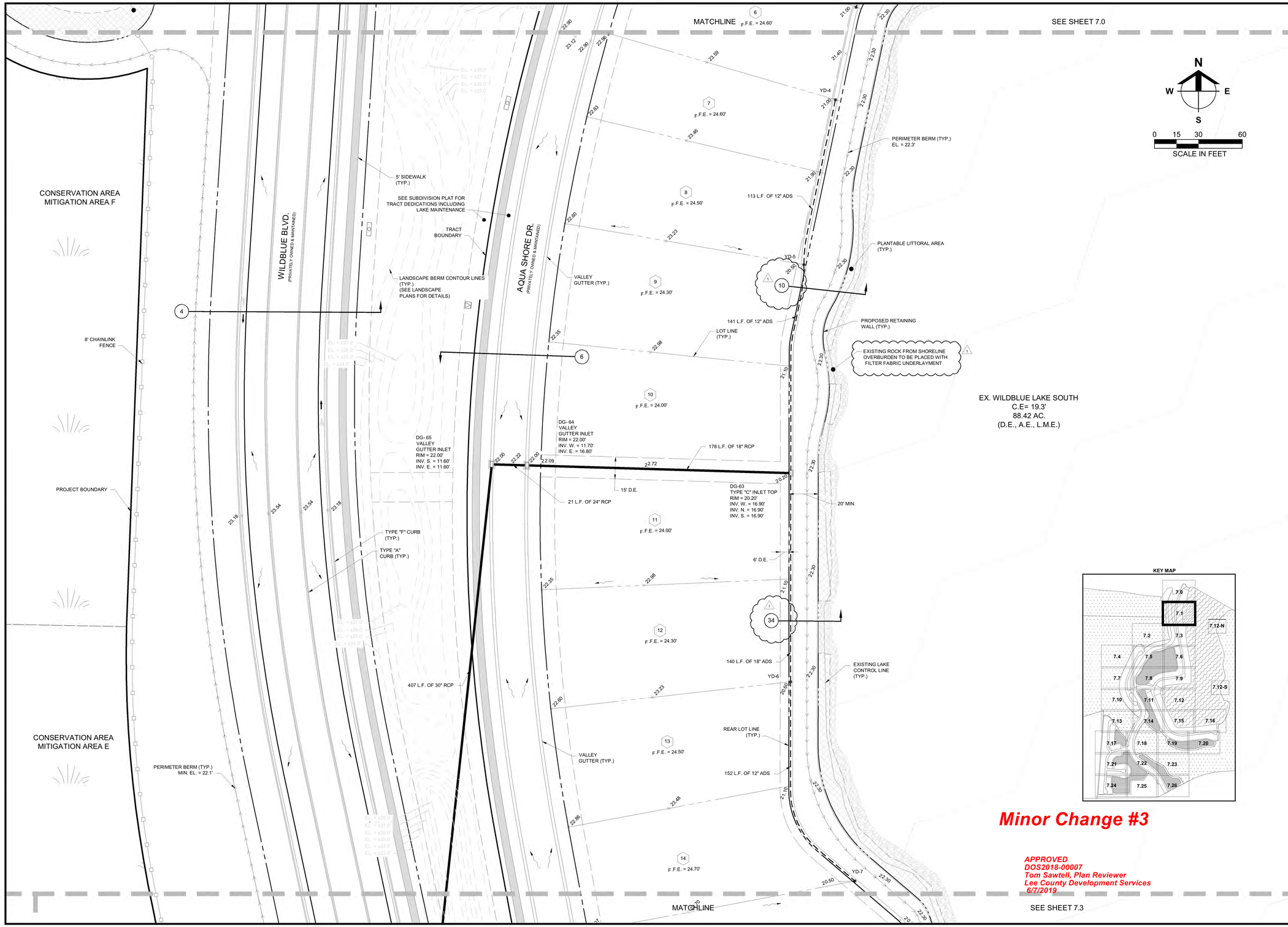
PLAN REVISIONS

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.0



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PLAN REVISIONS

05-20-19	D.O. MINOR CHANGE #3 (1)

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
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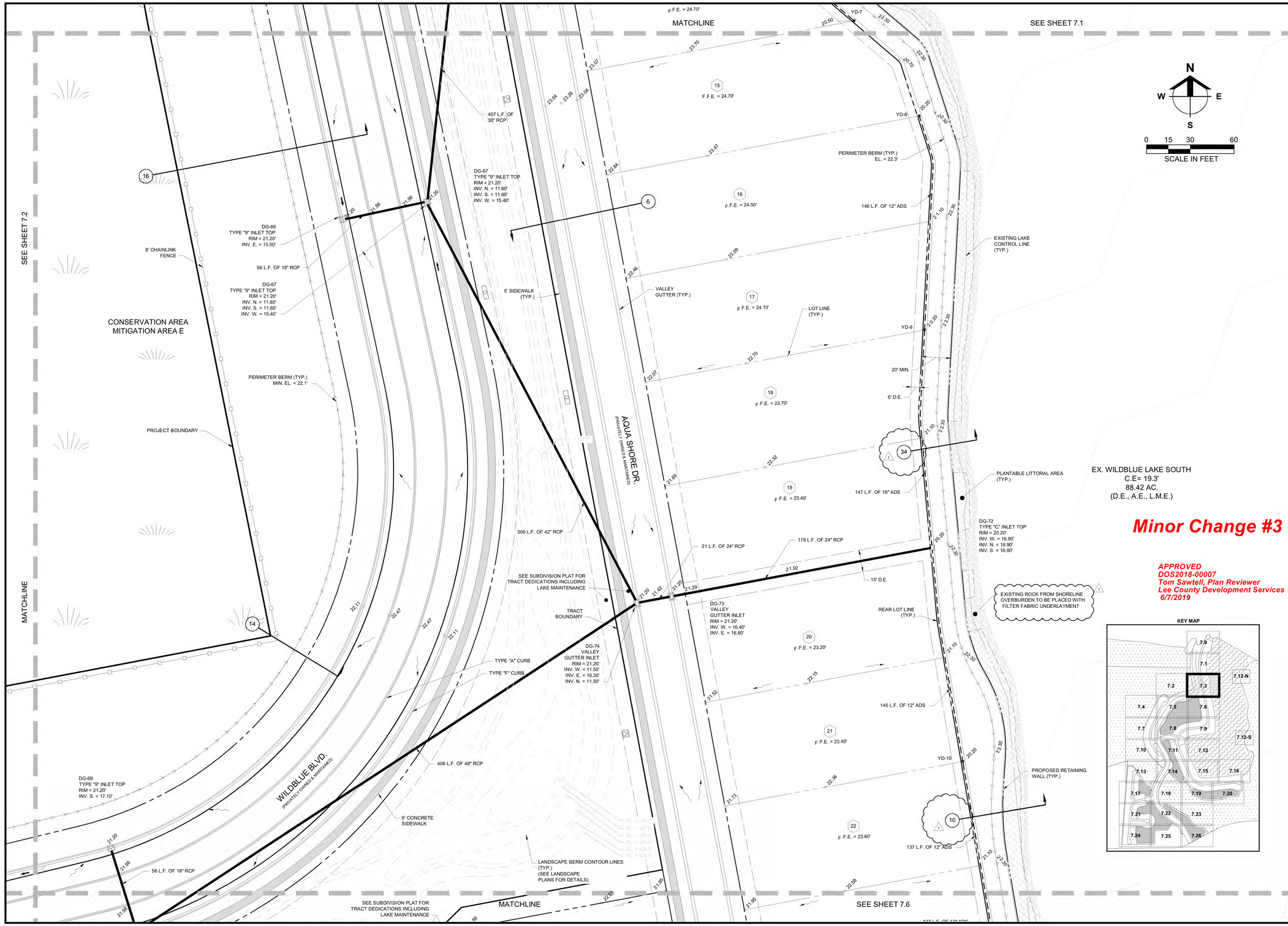

Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

KEY MAP

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PLAN REVISIONS

05-20-19	D.O. MINOR CHANGE #3

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
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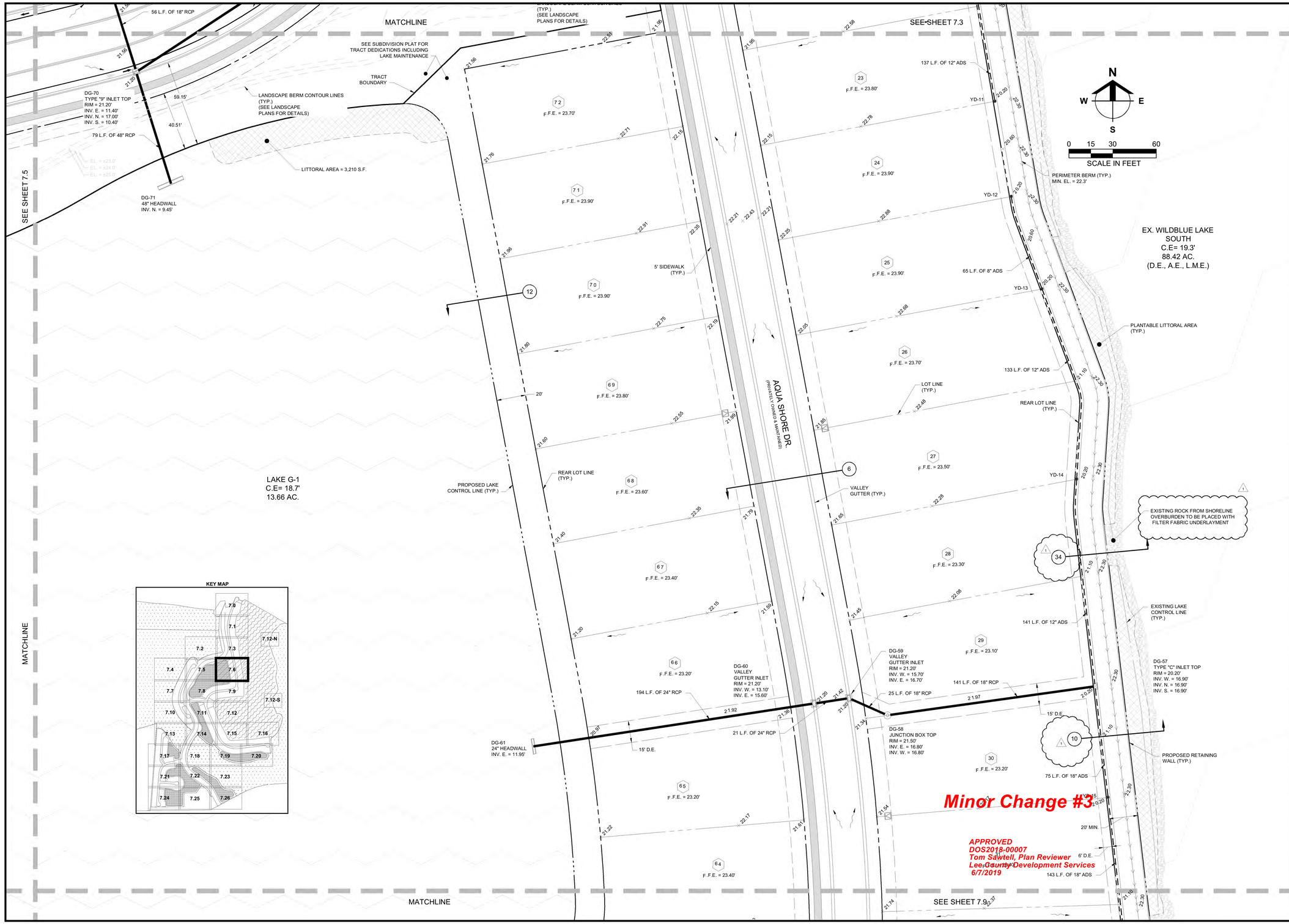

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PLAN REVISIONS

05-20-19	D.O. MINOR CHANGE #3 (1)

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DETAILED PAVING, GRADING AND DRAINAGE PLANS

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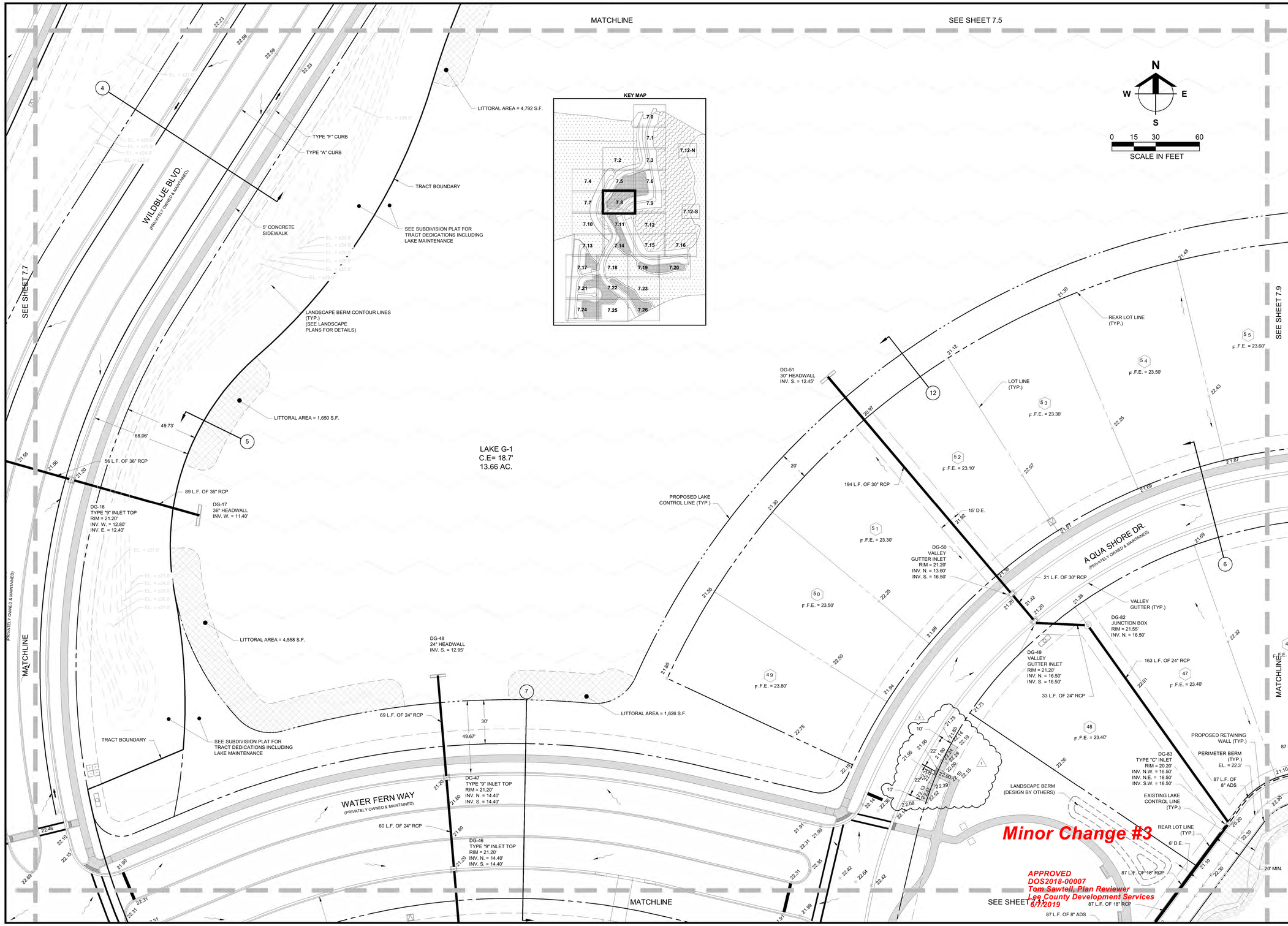

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PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3	1
05-20-19	D.O. COMMENTS DATED 05-17-19	2

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
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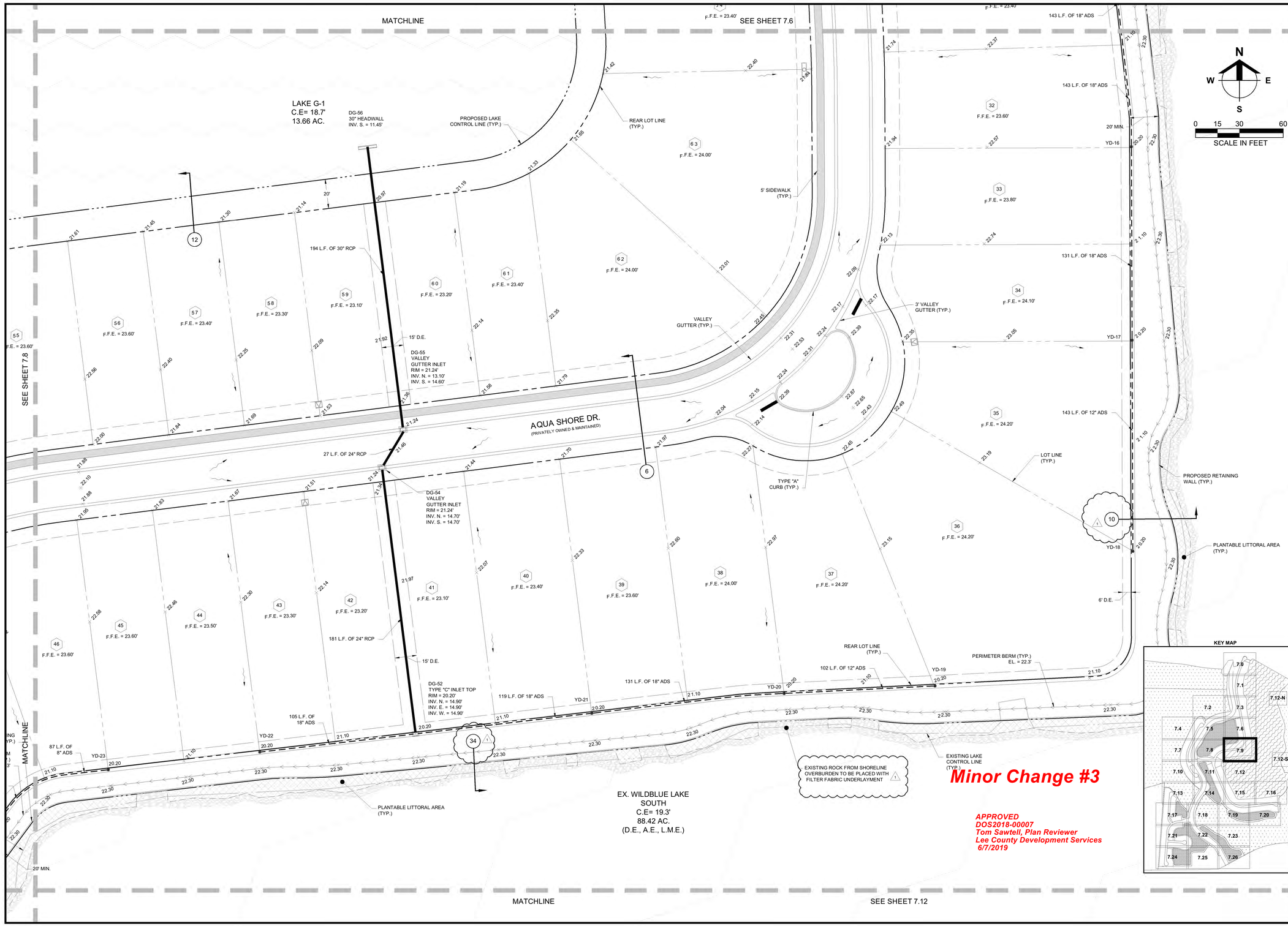

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Lee County Development Services
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PLAN REVISIONS

05-20-19	D.O. MINOR CHANGE #3 1

PLAN STATUS

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DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
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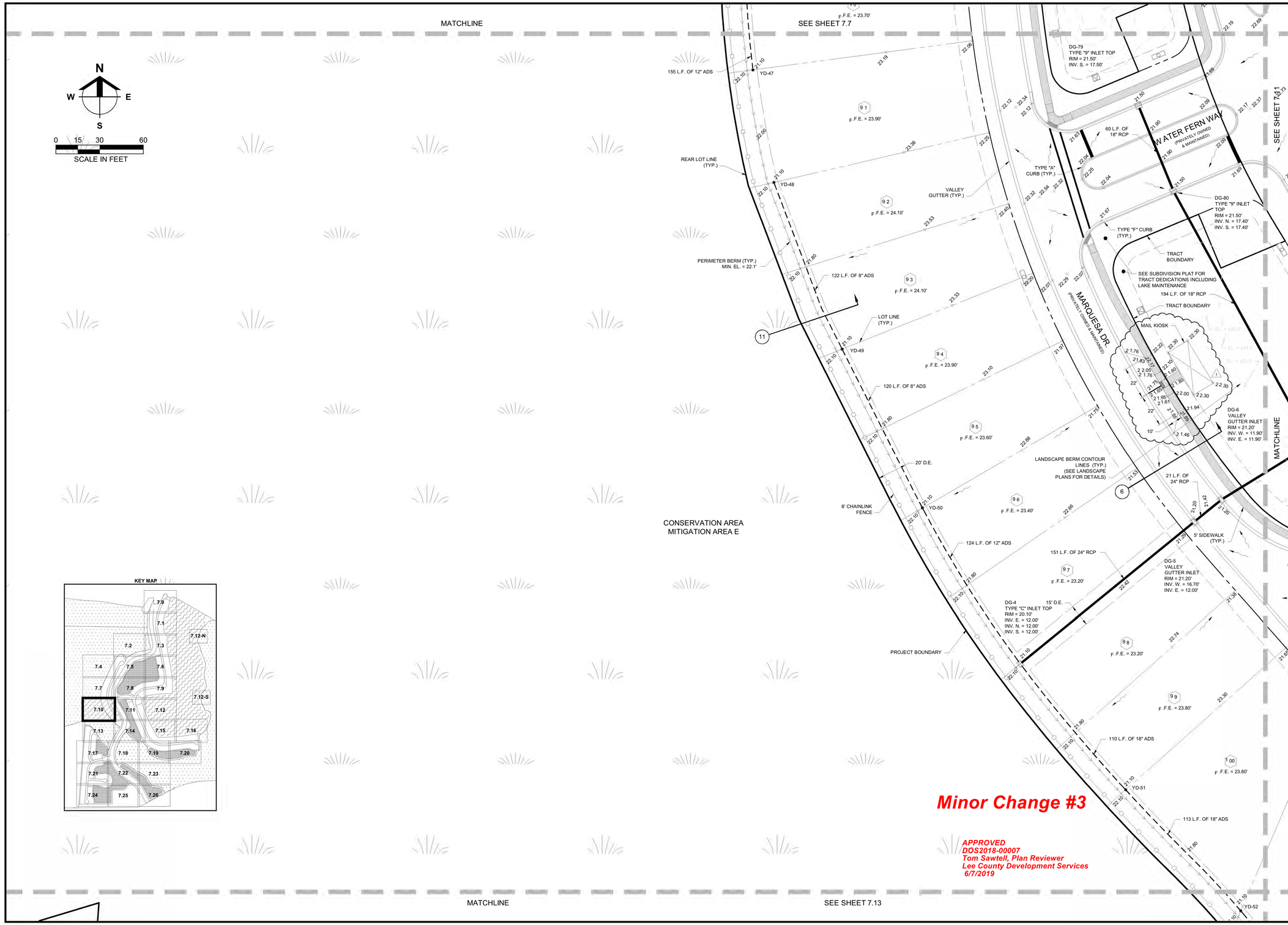

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ENGINEER OF RECORD

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FILE NAME	23526A15.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 2:49 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

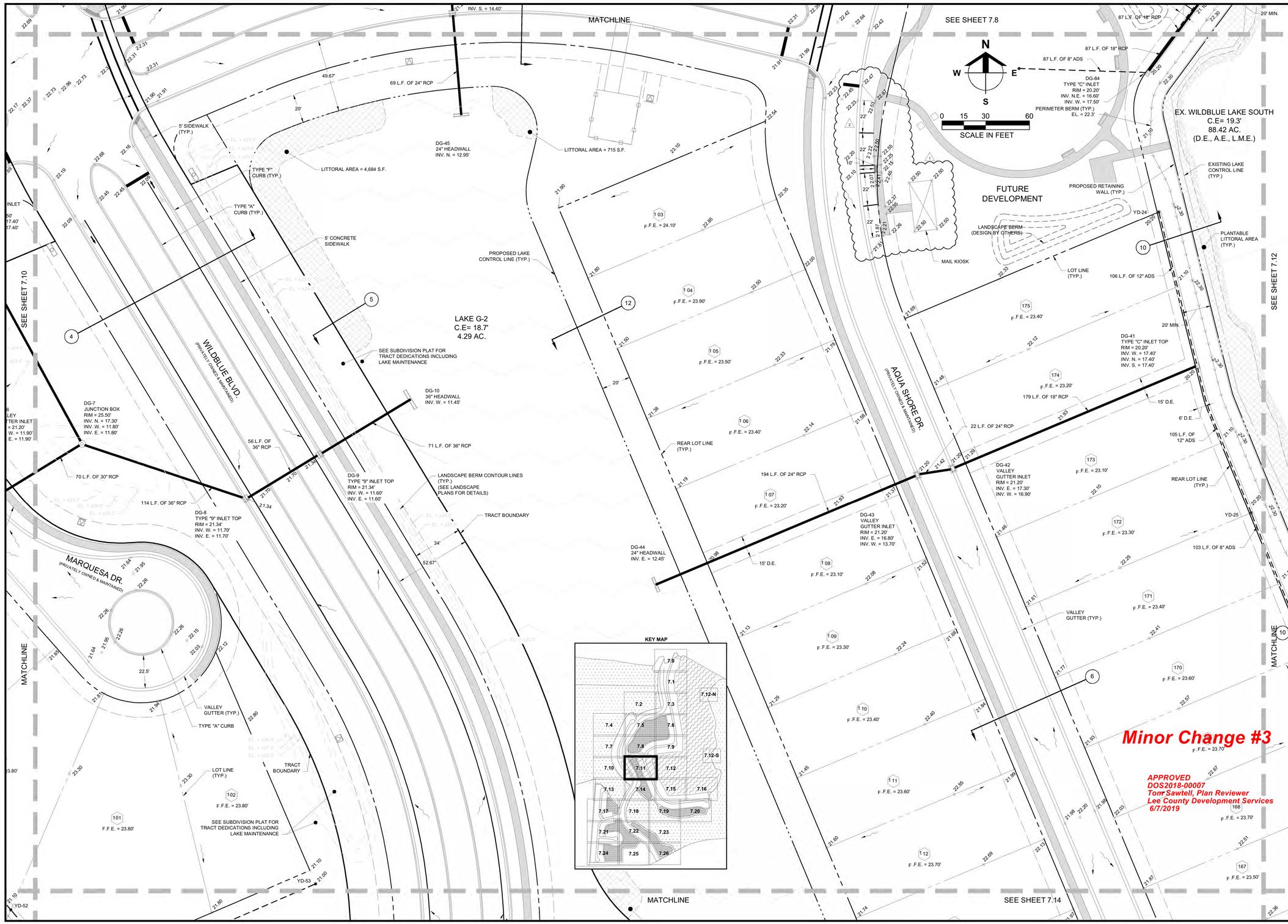
05-22-19	D.O. MINOR CHANGE #3

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.10



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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

PULTE HOME CORPORATION
24311 WALDEN CENTER DRIVE
SUITE 300
BONITA SPRINGS, FLORIDA 34134
PHONE (239) 498-7711
FAX (239) 498-7707
WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
SURVEY = 2337ZS00.DWG

PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3	1
05-20-19	D.O. COMMENTS DATED 05-17-19	2

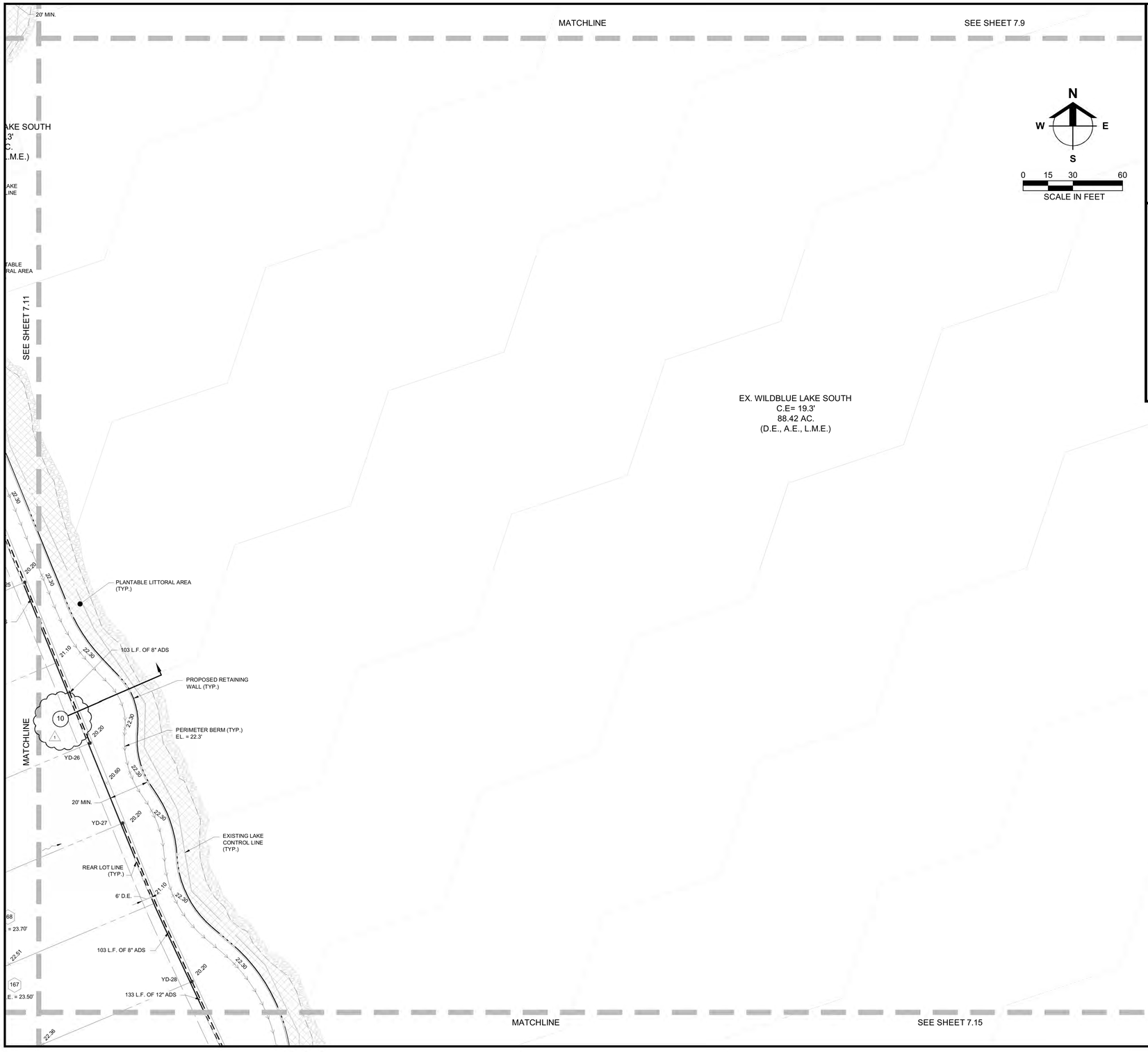
PLAN STATUS

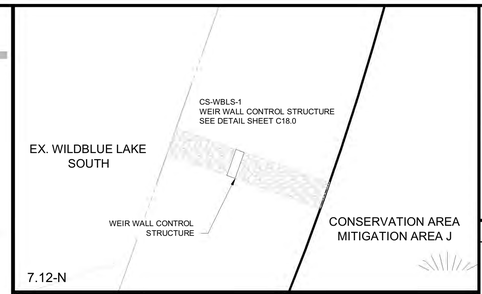
D.O. MINOR CHANGE #3
05-30-2019

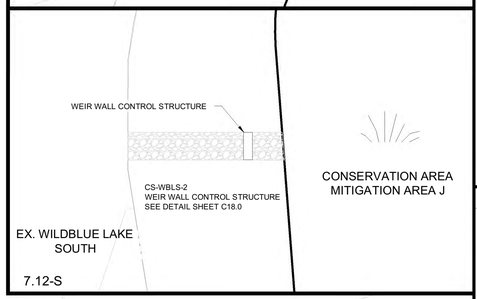
DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.11

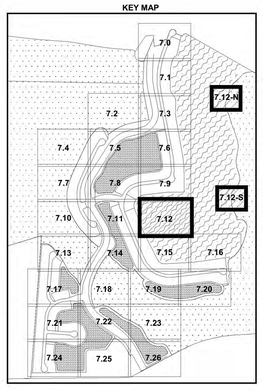
DOS2018-00007 Lee County ePlan







KEY MAP



Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 2:49 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

05-20-19	D.O. MINOR CHANGE #3

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
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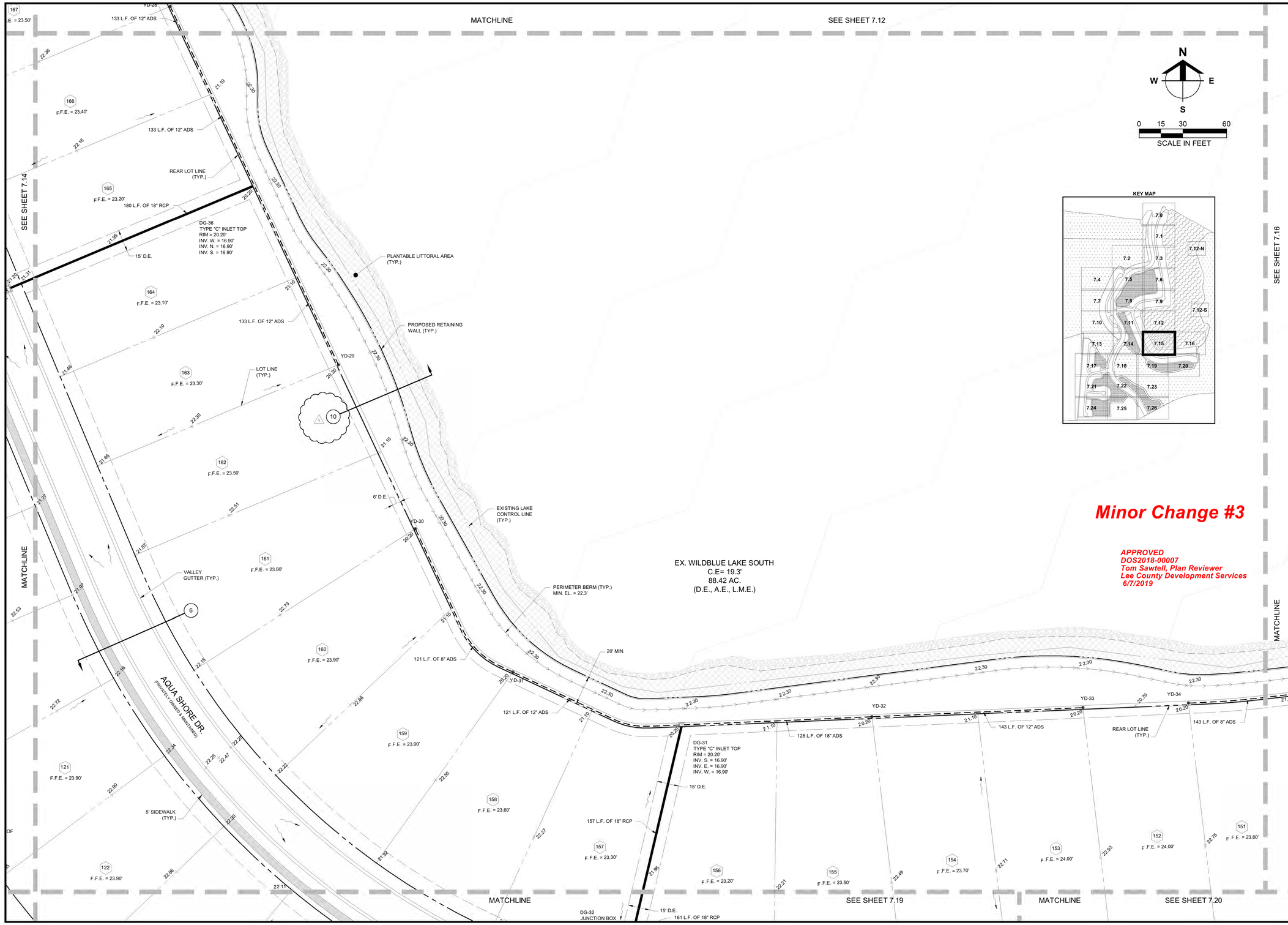
DOS2018-00007 Lee County ePlan



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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 2:50 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

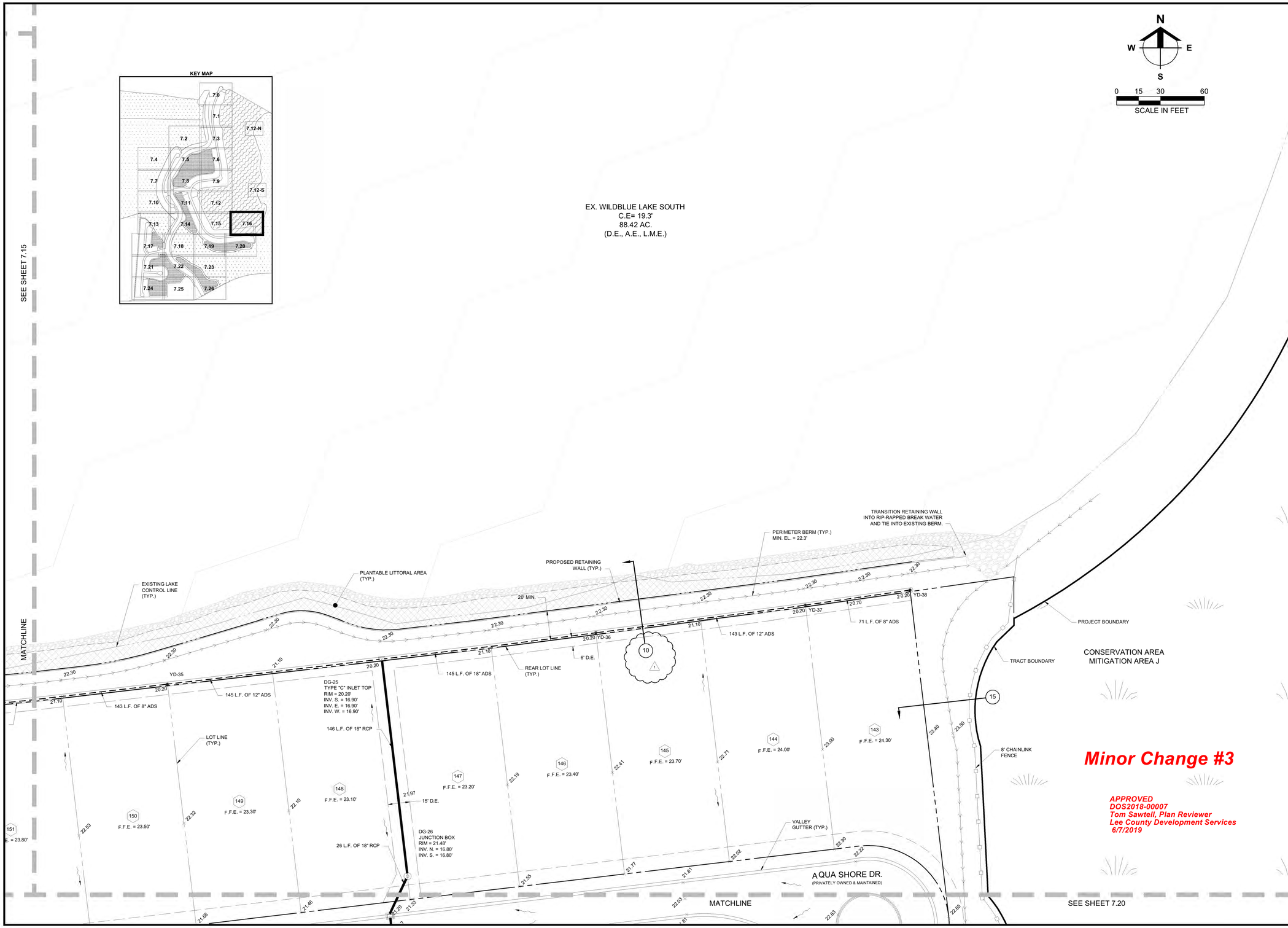
05-20-19	D.O. MINOR CHANGE #3

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.15



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LEE COUNTY, FLORIDA

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PLOT DATE	THU. 5-30-2019 - 2:50 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

05-20-19	D.O. MINOR CHANGE #3 1

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.16

KEY MAP

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PROJECT DESCRIPTION

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LEE COUNTY, FLORIDA

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3	1
05-20-19	D.O. COMMENTS DATED 05-17-19	2

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.17

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PLOT DATE	THU. 5-30-2019 - 2:50 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3	1

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
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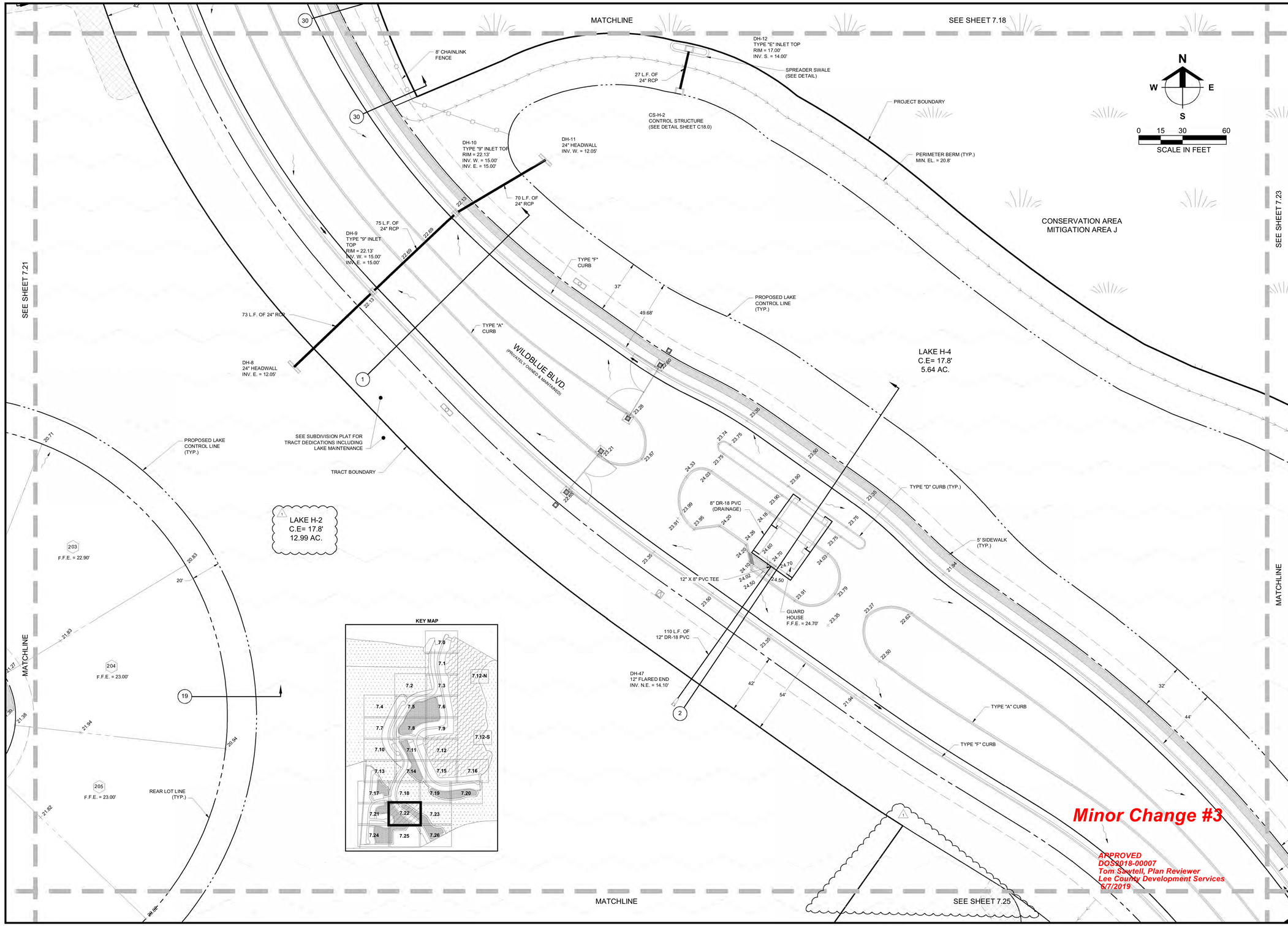

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 2:51 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3 (1)

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
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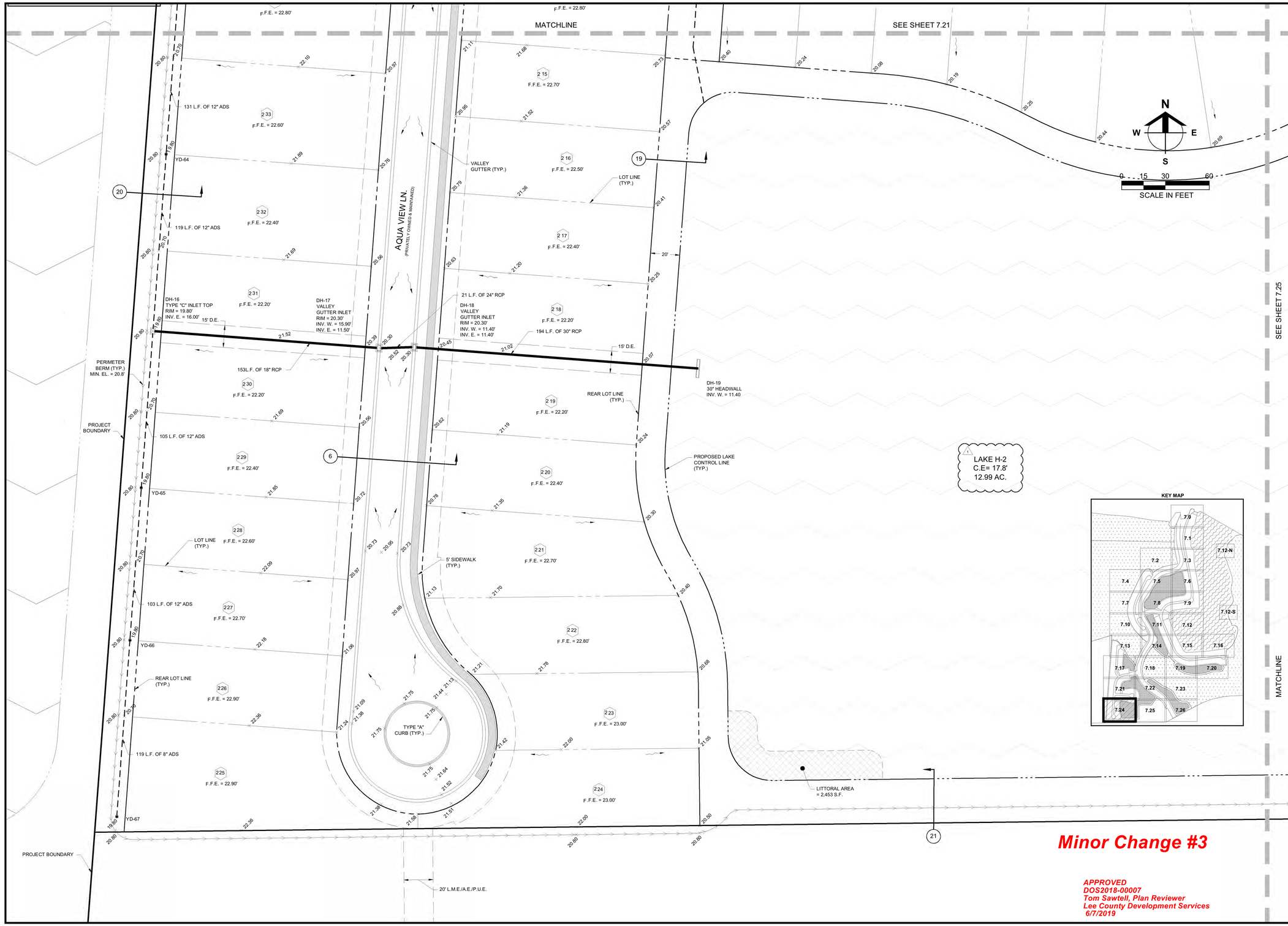

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU, 5-30-2019 - 2:51 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3 (1)

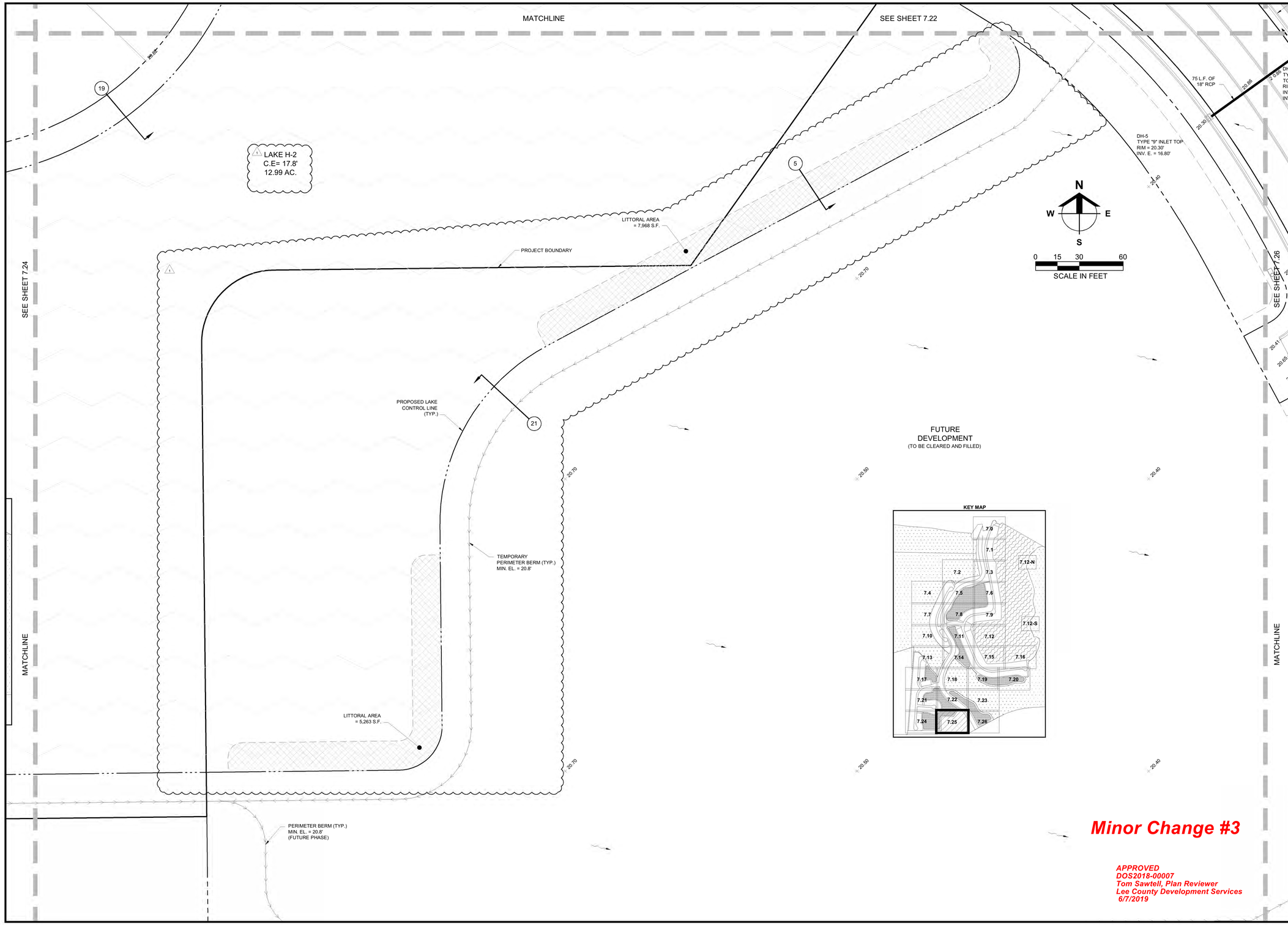
PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.24

DOS2018-00007 Lee County ePlan



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FLORIDA CERTIFICATES OF AUTHORIZATION
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PREPARED FOR

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

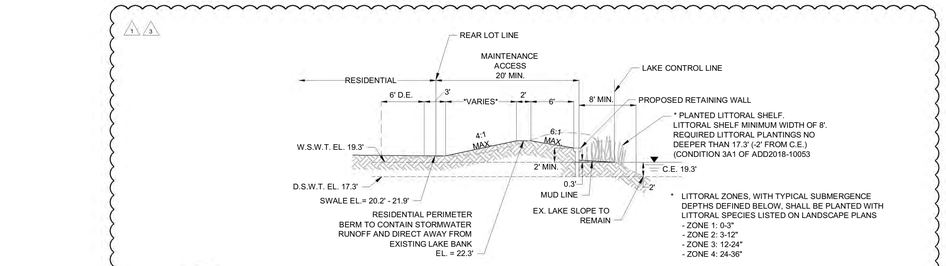
04-17-19	D.O. MINOR CHANGE #3

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

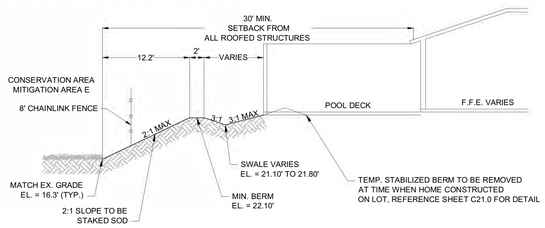
DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.25



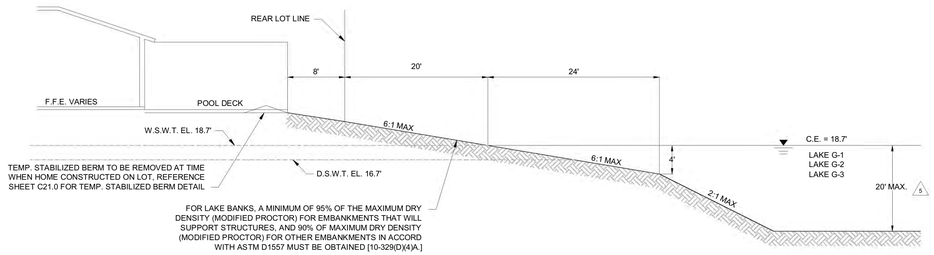
10 BASIN F & G: SINGLE- FAMILY TO EXISTING LAKE

N.T.S.



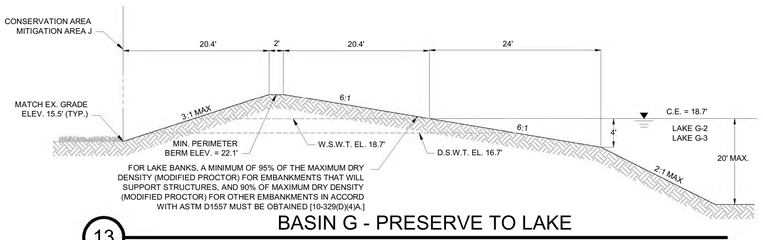
11 BASIN G: PRESERVE E TO SINGLE-FAMILY

N.T.S.



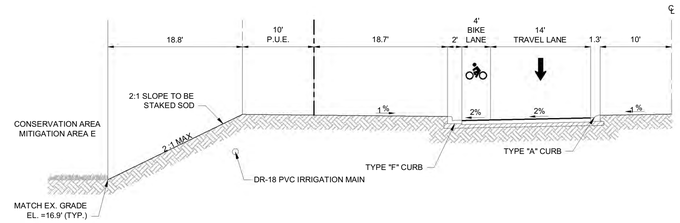
12 BASIN G: SINGLE-FAMILY TO LAKE

N.T.S.



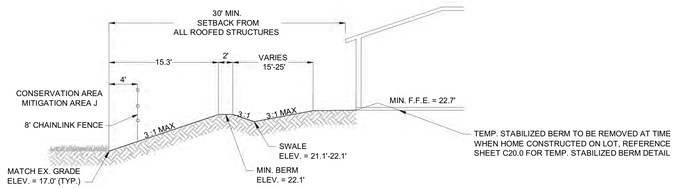
13 BASIN G - PRESERVE TO LAKE

N.T.S.



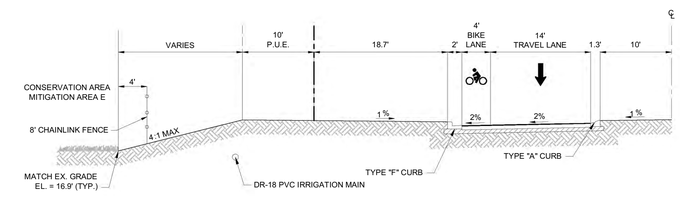
14 BASIN G: PRESERVE CORNER TO RIGHT OF WAY

N.T.S.



15 BASIN G - PRESERVE J TO SINGLE-FAMILY SIDE LOT

N.T.S.

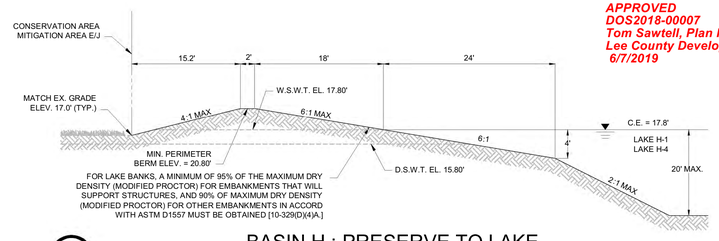


16 BASIN G: PRESERVE TO RIGHT OF WAY

N.T.S.

Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019



17 BASIN H : PRESERVE TO LAKE

N.T.S.

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PROJECT DESCRIPTION

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LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
FLORIDA P.E. NO. 38536 - CARLB@BARRACO.NET

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FILE NAME	23526A18.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 2:52 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

05-20-19	D.O. MINOR CHANGE #3 (1)
05-30-19	D.O. COMMENTS DATED 05-30-19 (3)

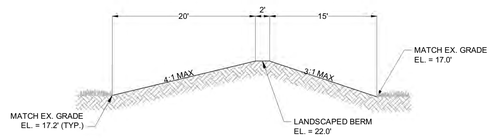
PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

TYPICAL SECTIONS

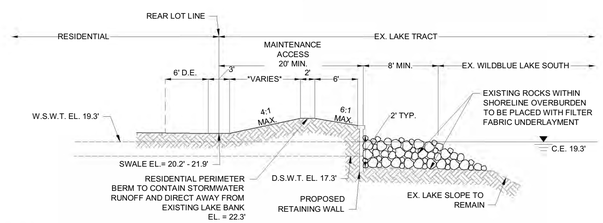
PROJECT / FILE NO.	SHEET NUMBER
23526	C8.2

DOS2018-00007 Lee County ePlan



33 BASIN H - PROJECT BOUNDARY TO FUTURE DEVELOPMENT

N.T.S.



34 RESIDENTIAL @ EXISTING WILDBLUE LAKE SOUTH

N.T.S.

Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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

PREPARED FOR

PULTE HOME CORPORATION
24311 WALDEN CENTER DRIVE
SUITE 300
BONITA SPRINGS, FLORIDA 34134
PHONE (239) 498-7711
FAX (239) 498-7707
WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

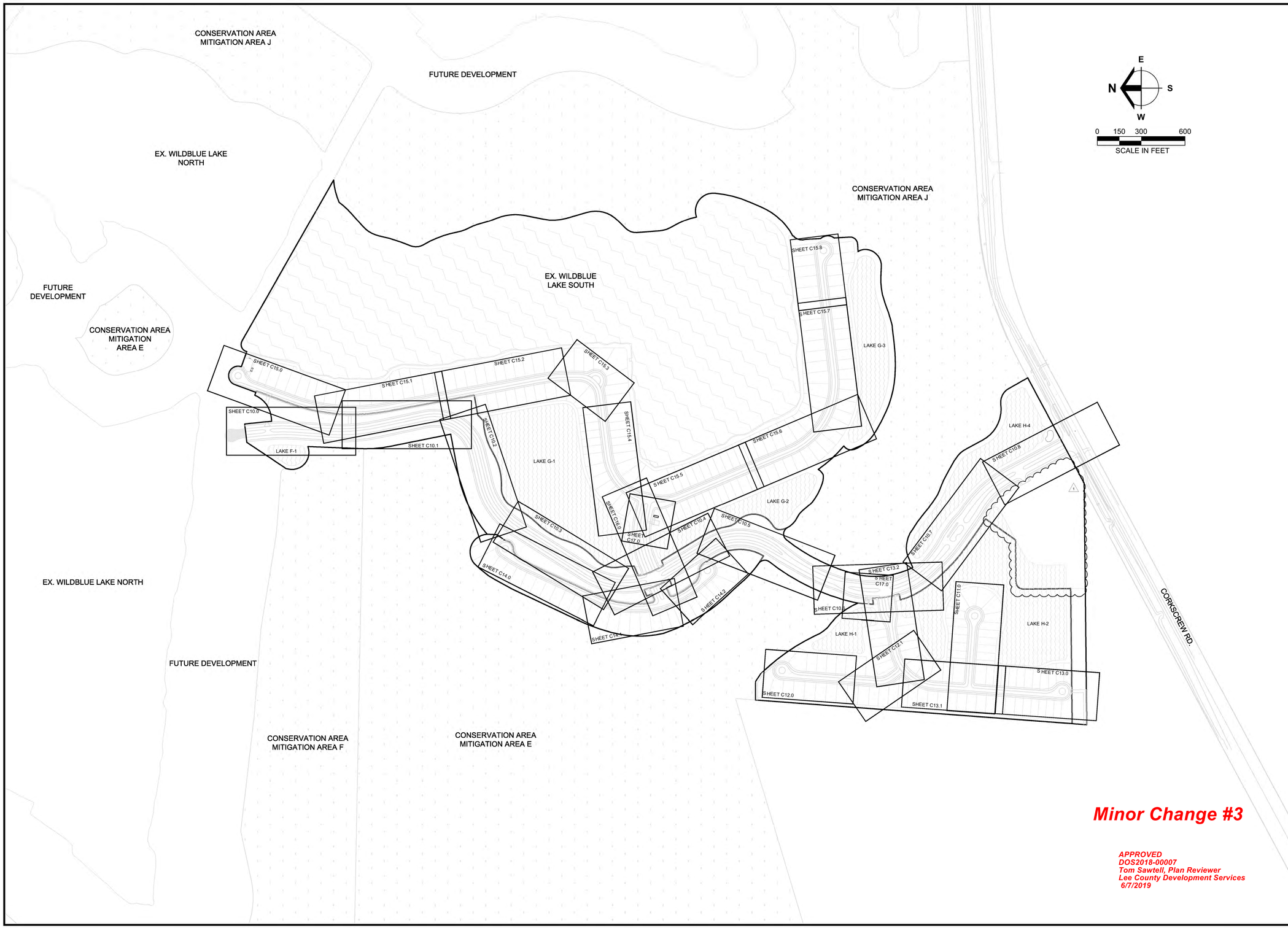
05-20-19	D.O. MINOR CHANGE #3 1

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

TYPICAL SECTIONS

PROJECT / FILE NO.	SHEET NUMBER
23526	C8.5



Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
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CROSS REFERENCED DRAWINGS

PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3 (1)

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

PLAN AND PROFILE KEY SHEET

PROJECT / FILE NO.	SHEET NUMBER
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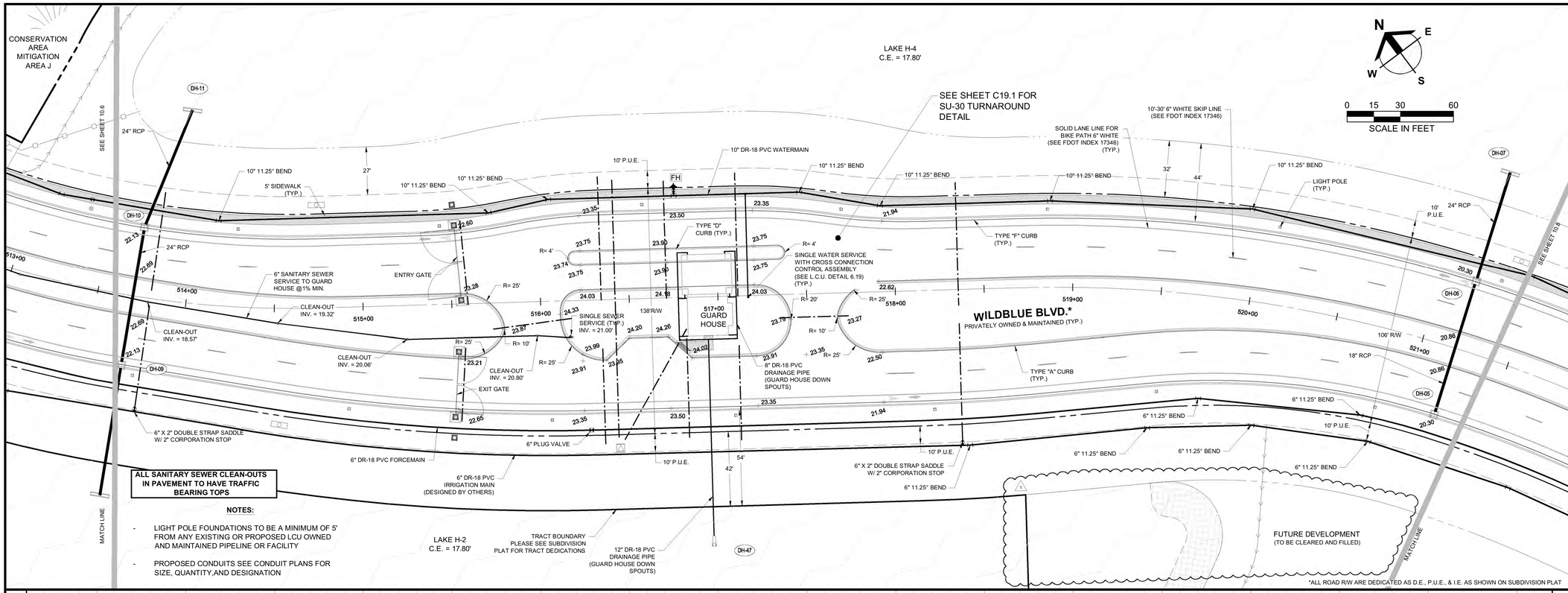
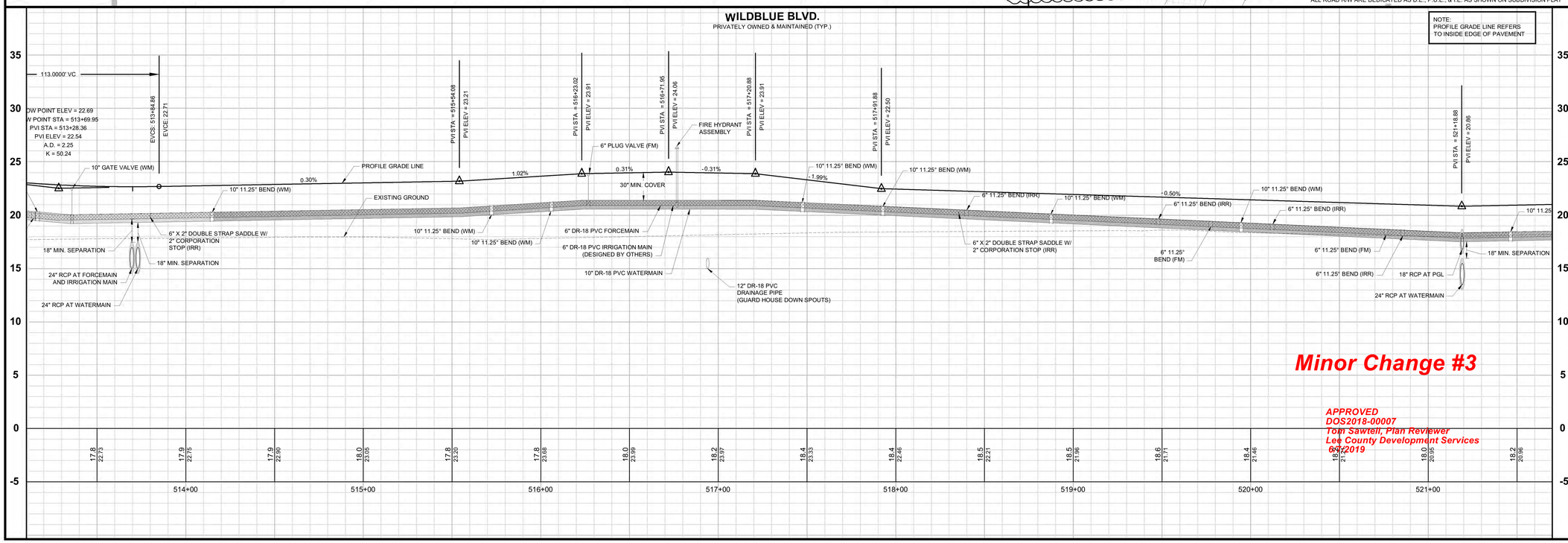


ALL SANITARY SEWER CLEAN-OUTS IN PAVEMENT TO HAVE TRAFFIC BEARING TOPS

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



Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

PLAN AND PROFILE WILDBLUE BLVD. STA: 513+60 TO 521+40

PROJECT / FILE NO.	SHEET NUMBER
23526	C10.7

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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

PULTE HOME CORPORATION
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SUITE 300
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PHONE (239) 498-7711
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WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 2:53 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

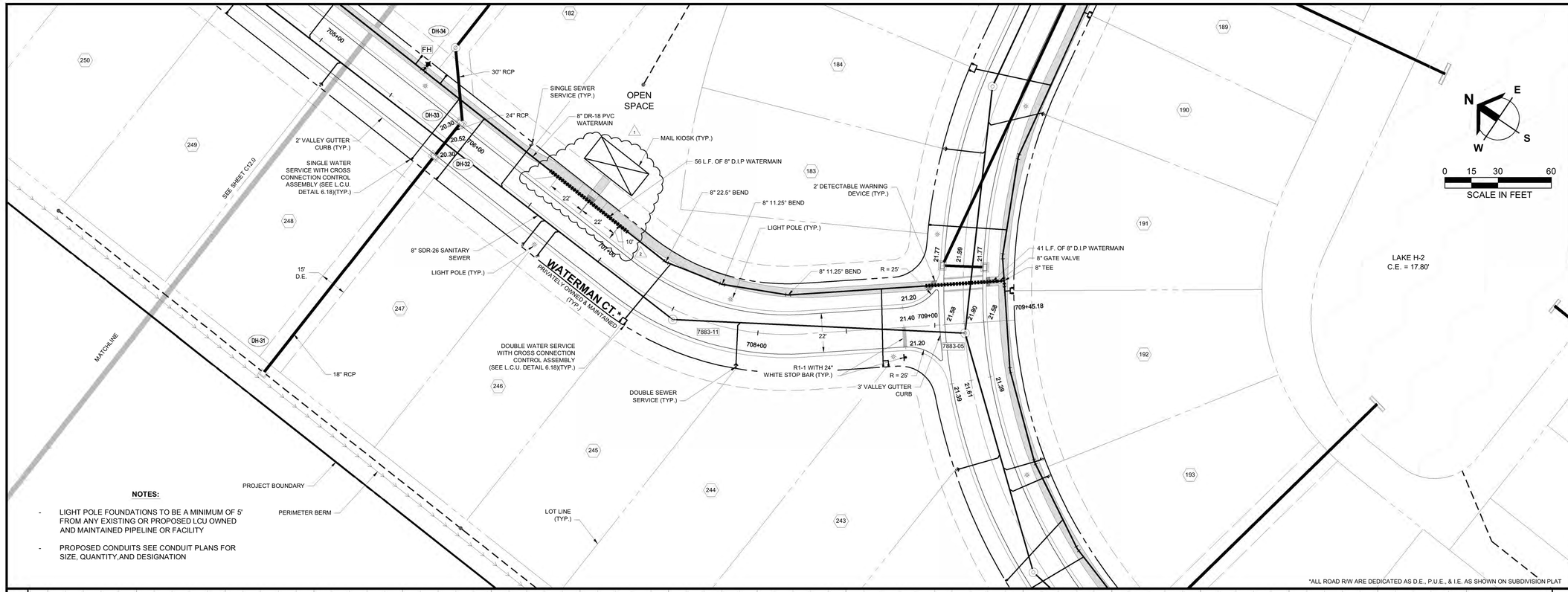
BASEPLAN = 23526A00.DWG
PROFILE = 23526A00P.DWG

PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019



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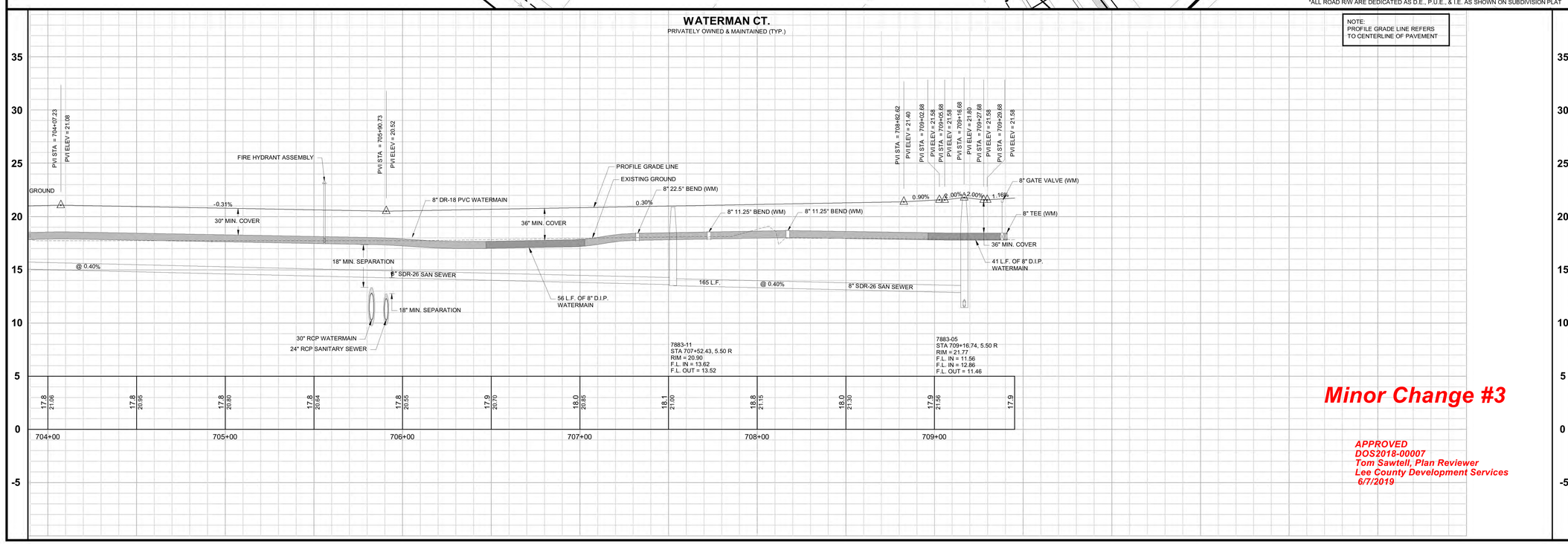

Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 2:53 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
PROFILE = 23526A00P.DWG

PLAN REVISIONS

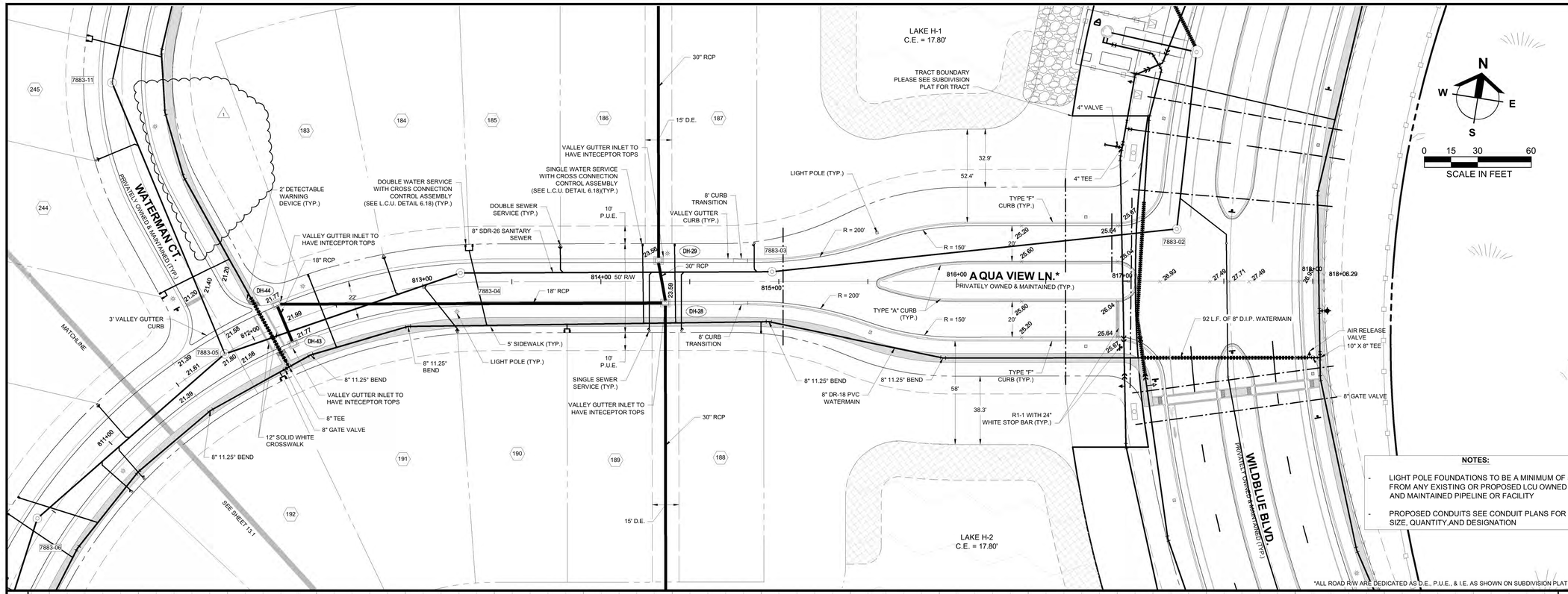
04-17-19	D.O. MINOR CHANGE #3 (1)
05-20-19	D.O. COMMENTS DATED 05-17-19 (2)

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

PLAN AND PROFILE
WATERMAN CT.
STA: 705+20 TO END

PROJECT / FILE NO.	SHEET NUMBER
23526	C12.1



NOTES:

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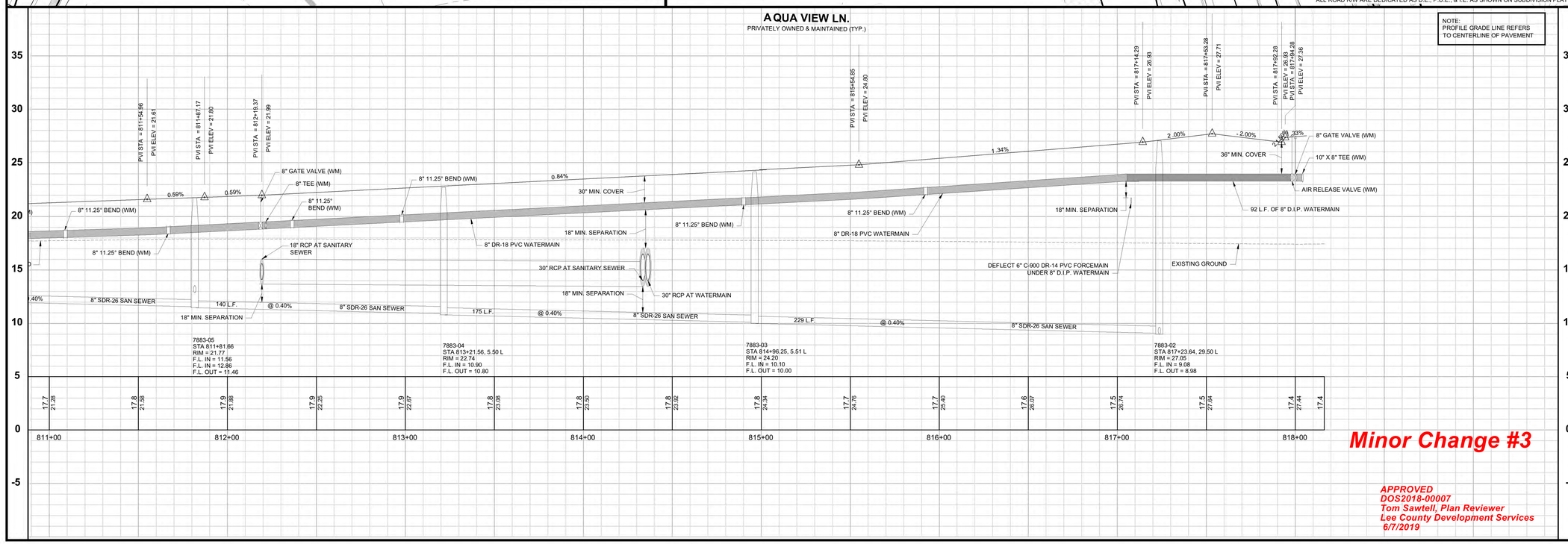

Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

PULTE HOME CORPORATION
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SUITE 300
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PHONE (239) 498-7711
FAX (239) 498-7707
WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
FLORIDA P.E. NO. 38536 - CARLB@BARRACO.NET

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 2:54 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

PROFILE = 23526A00P.DWG

PLAN REVISIONS

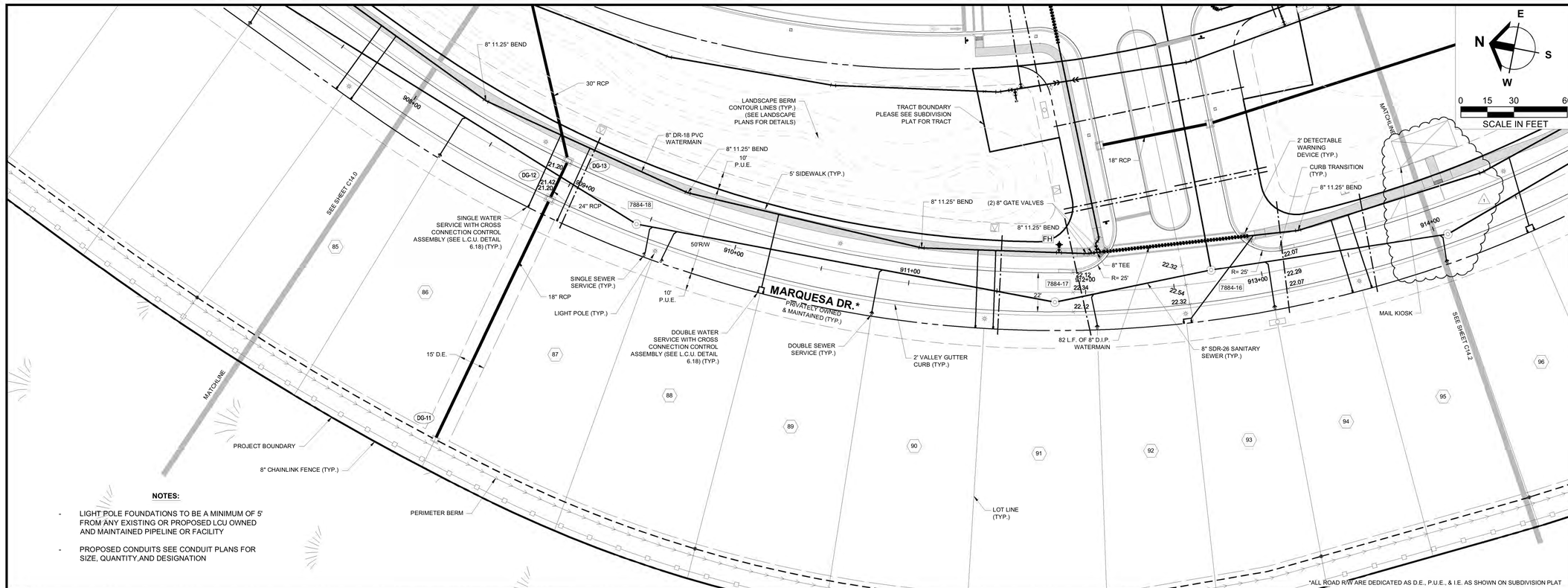
04-17-19	D.O. MINOR CHANGE #3

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

PLAN AND PROFILE
AQUA VIEW LN.
STA: 811+40 TO END

PROJECT / FILE NO.	SHEET NUMBER
23526	C13.2



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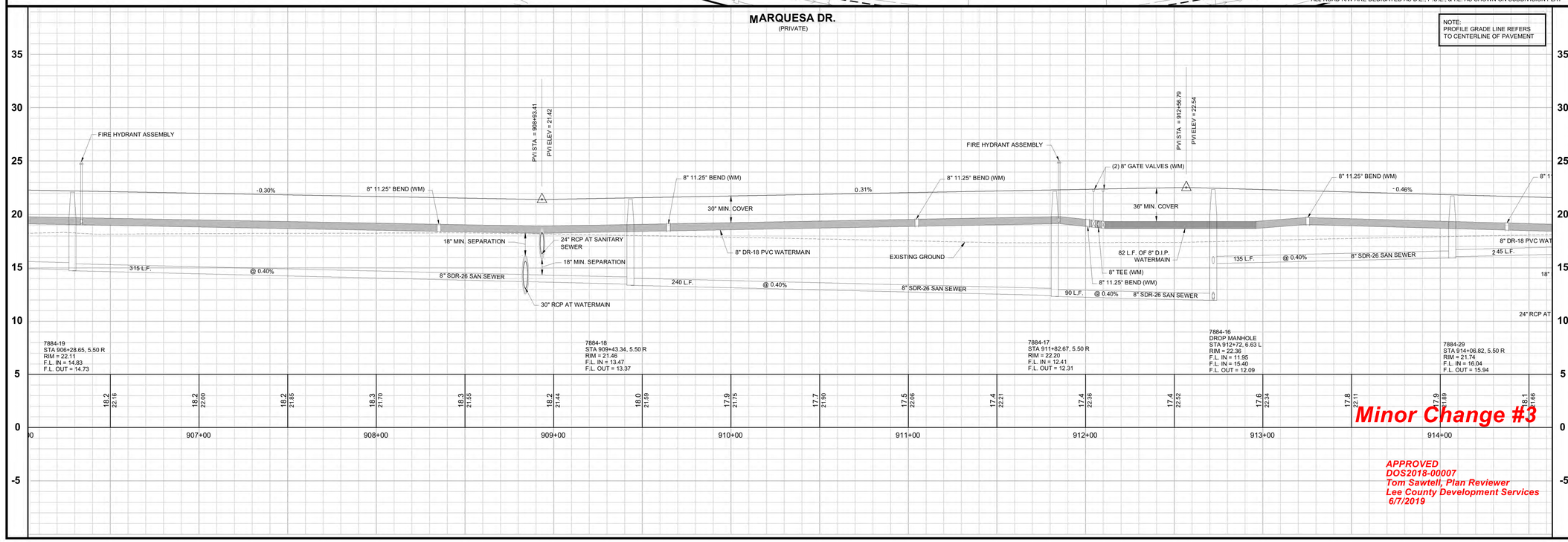

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PREPARED FOR

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

PROFILE = 23526A00P.DWG

PLAN REVISIONS

05-22-19	D.O. MINOR CHANGE #3 1

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

PLAN AND PROFILE
MARQUESA DR.
STA: 908+00 TO 914+00

PROJECT / FILE NO.	SHEET NUMBER
23526	C14.1

NOTES:

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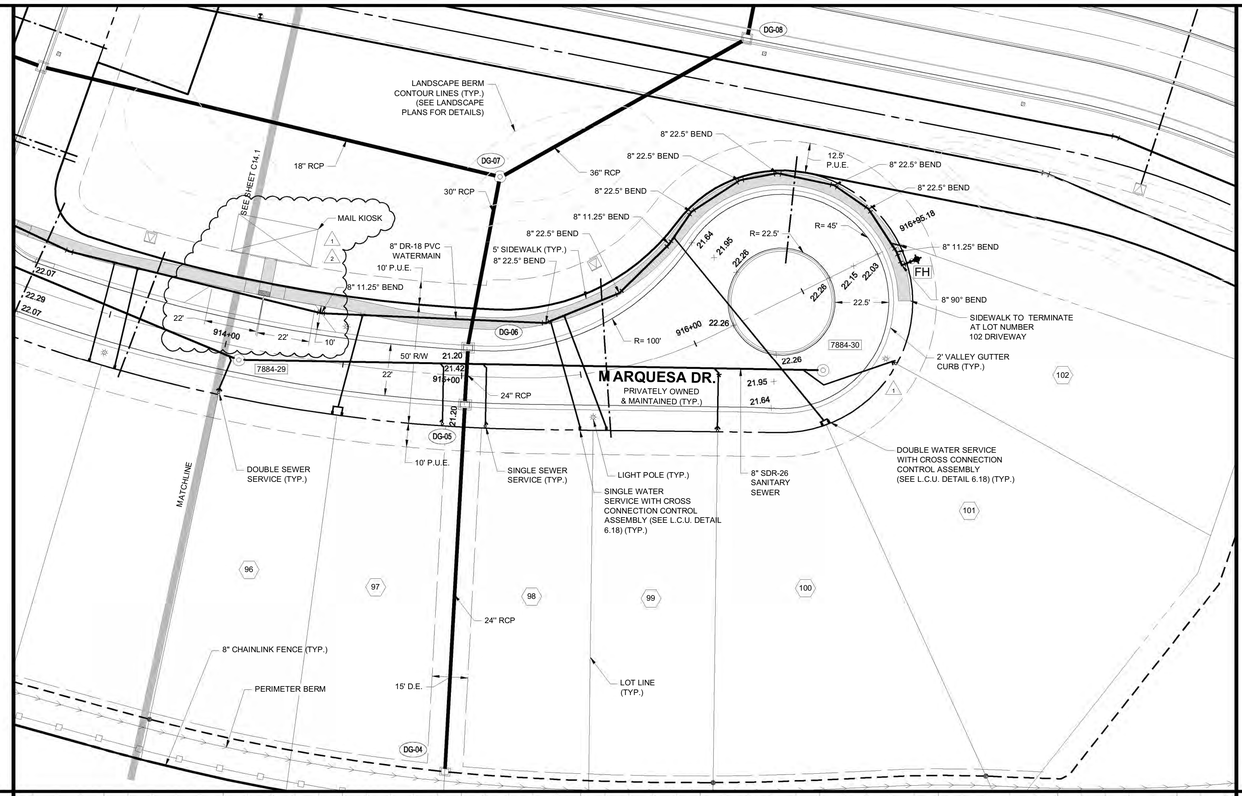

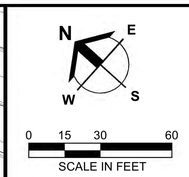

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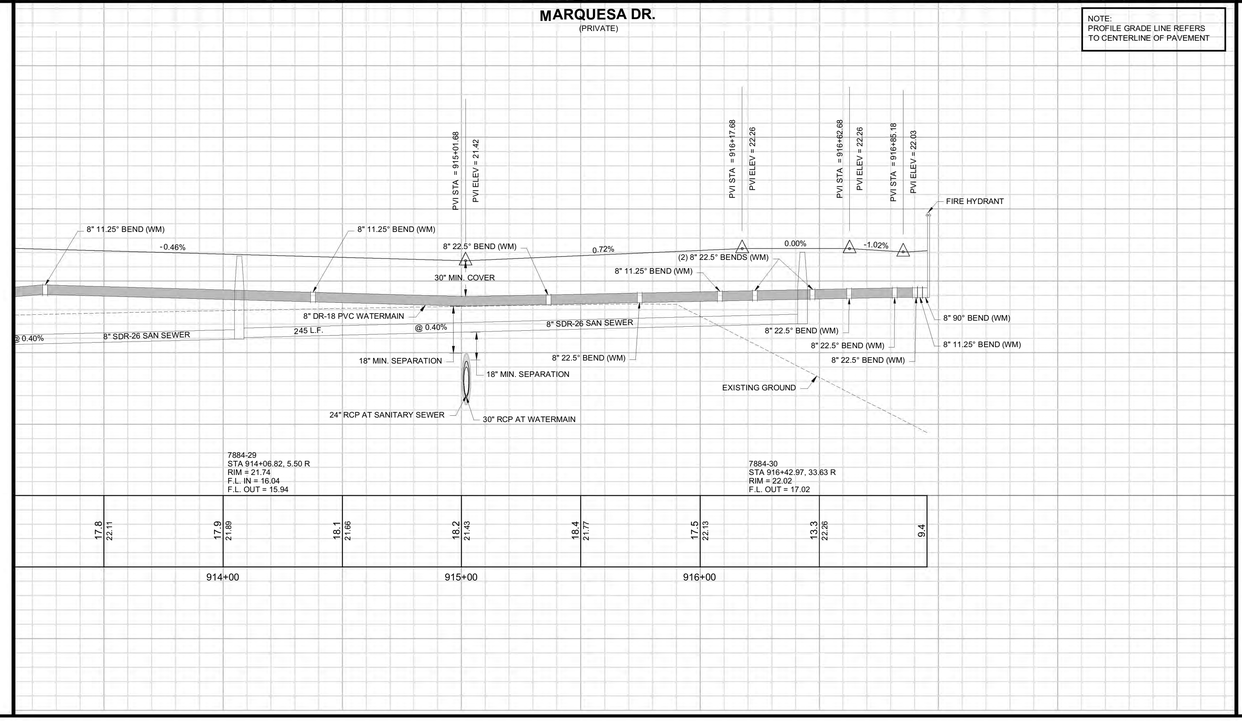

Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PREPARED FOR

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

PROFILE = 23526A00P.DWG

PLAN REVISIONS

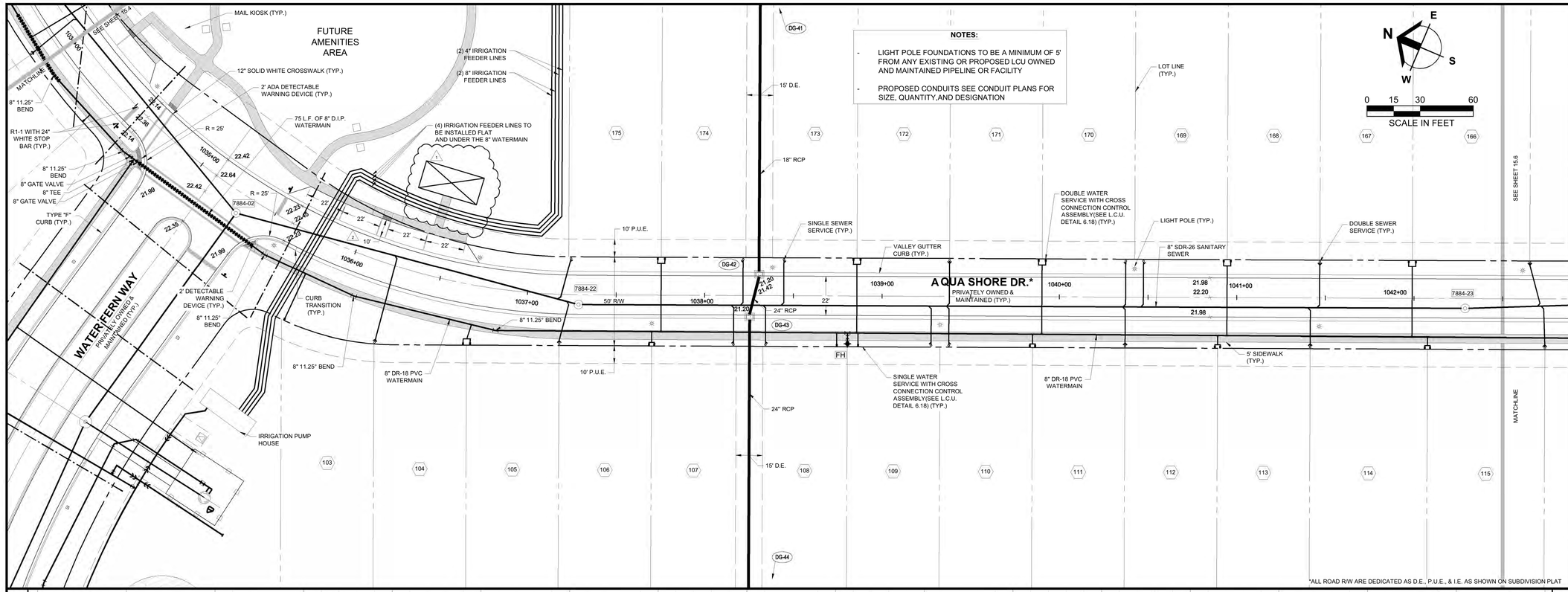
05-22-19	D.O. MINOR CHANGE #3	1
05-20-19	D.O. COMMENTS DATED 05-17-19	2

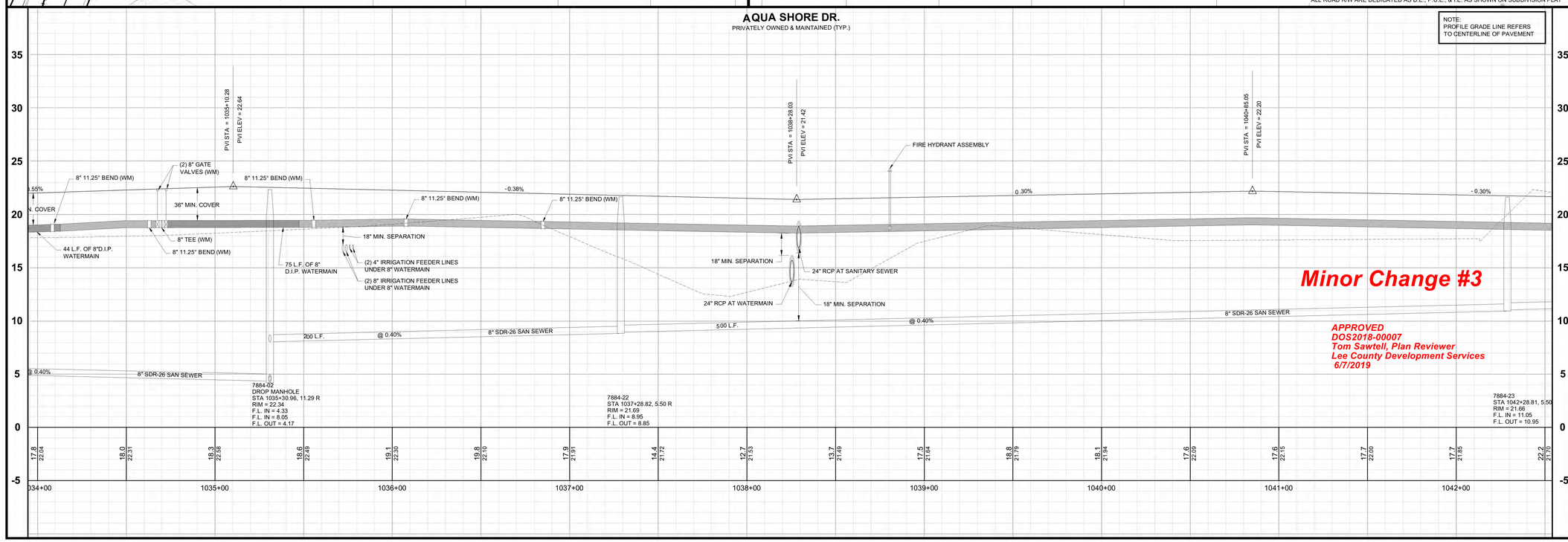
PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

PLAN AND PROFILE
MARQUESA DR.
STA: 914+00 TO END

PROJECT / FILE NO.	SHEET NUMBER
23526	C14.2





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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 2:55 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
PROFILE = 23526A00P.DWG

PLAN REVISIONS

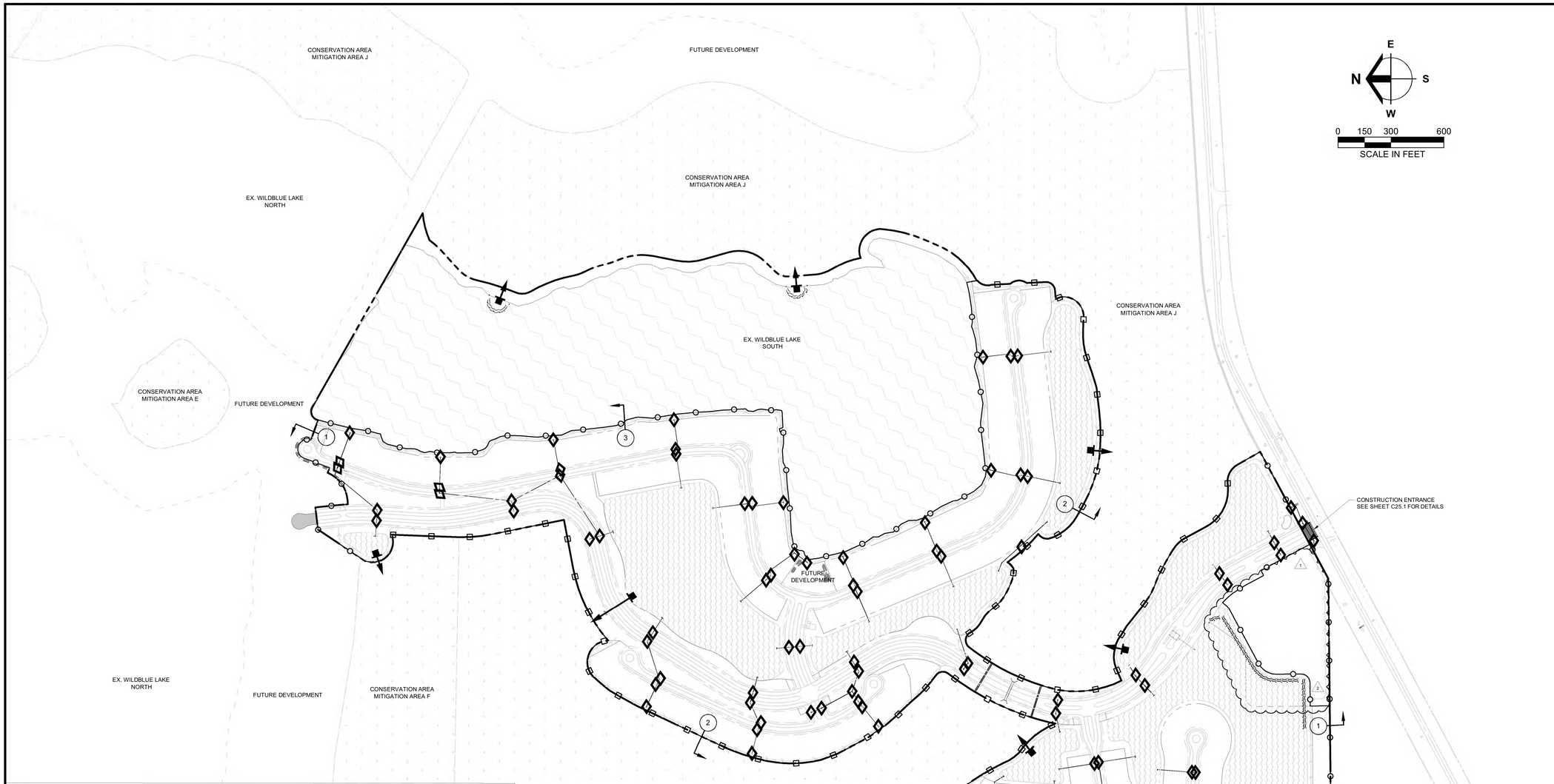
04-17-19	D.O. MINOR CHANGE #3	1
05-20-19	D.O. COMMENTS DATED 05-17-19	2

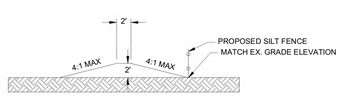
PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

PLAN AND PROFILE AQUA SHORE DR. STA:1034+00 TO 1042+50

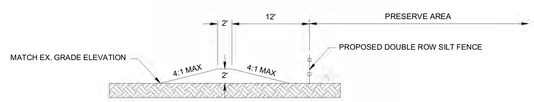
PROJECT / FILE NO.	SHEET NUMBER
23526	C15.5





1 TEMPORARY EROSION CONTROL BERM

N.T.S.

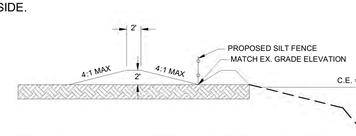


2 TEMPORARY EROSION CONTROL BERM @ PRESERVE

N.T.S.

NOTE:

1- 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.

Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

LEGEND

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

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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
FLORIDA P.E. NO. 38536 - CARLB@BARRACO.NET

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 2:55 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3	1
05-20-19	D.O. COMMENTS DATED 05-17-19	2

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

STORMWATER POLLUTION PREVENTION PLAN

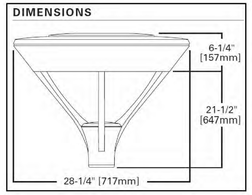
PROJECT / FILE NO.	SHEET NUMBER
23526	C21.0

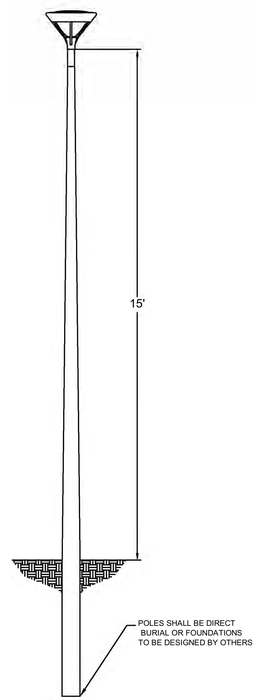
LUMINAIRE SCHEDULE							
SYMBOL	QTY	LABEL	ARRANGEMENT	TOTAL LAMP LUMENS	GLARE RATING (BUG)	LLF	DESCRIPTION
(RESIDENTIAL)	112	MSA-E03-LED-E1-T3	SINGLE	7,456	B2-U0-G2	1.000	MSA-E03-LED-E1-T3
(SPINE ROAD)	120	MSA-E06-LED-E1-T3	SINGLE	14,911	B3-U0-G3	1.000	MSA-E06-LED-E1-T3

CALCULATION SUMMARY							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Preserve/ Corkscrew Right of Way	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
Residential	Illuminance	Fc	1.41	5.4	0.0	N.A.	N.A.
SpineRoad	Illuminance	Fc	2.40	5.7	0.2	N.A.	N.A.

MSA MESA LED

DIMENSIONS

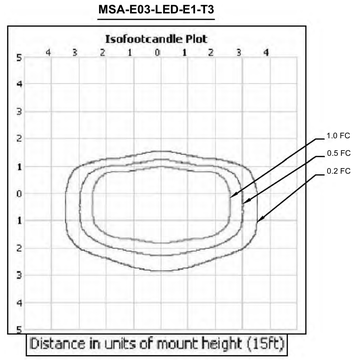




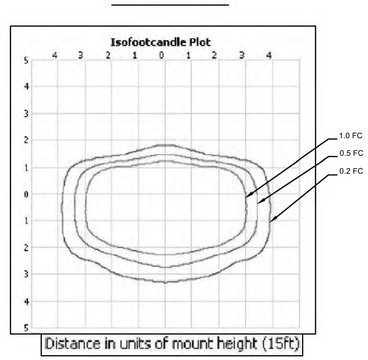
NOTE:

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
3. THERE ARE (2) MSA-E03-LED-E1-T3, ON WILDBLUE BLVD. BEFORE THE INTERSECTION WITH AQUA VIEW LANE.

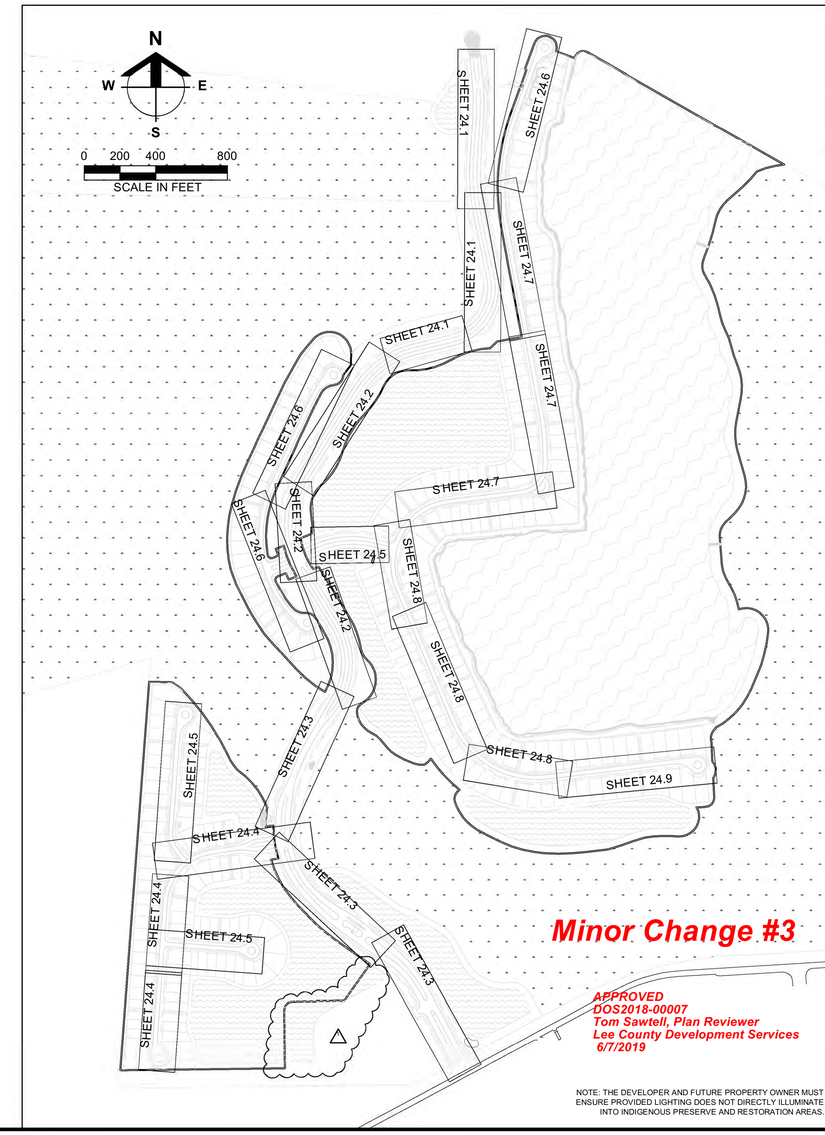
MSA-E03-LED-E1-T3



MSA-E06-LED-E1-T3



KEY MAP



NOTE: THE DEVELOPER AND FUTURE PROPERTY OWNER MUST ENSURE PROVIDED LIGHTING DOES NOT DIRECTLY ILLUMINATE INTO INDIGENOUS PRESERVE AND RESTORATION AREAS.

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PREPARED FOR

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
FLORIDA P.E. NO. 38536 - CARLB@BARRACO.NET

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FILE NAME	23526A86.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 2:56 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG

PLAN REVISIONS

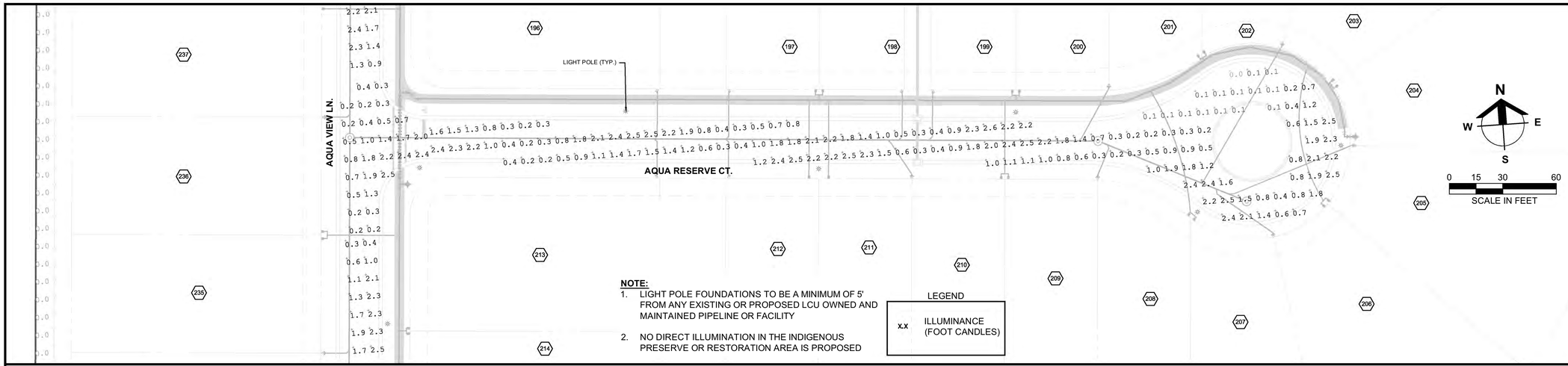
04-17-19	D.O. MINOR CHANGE #3 △1

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

LIGHTING PLAN KEY MAP & DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.0



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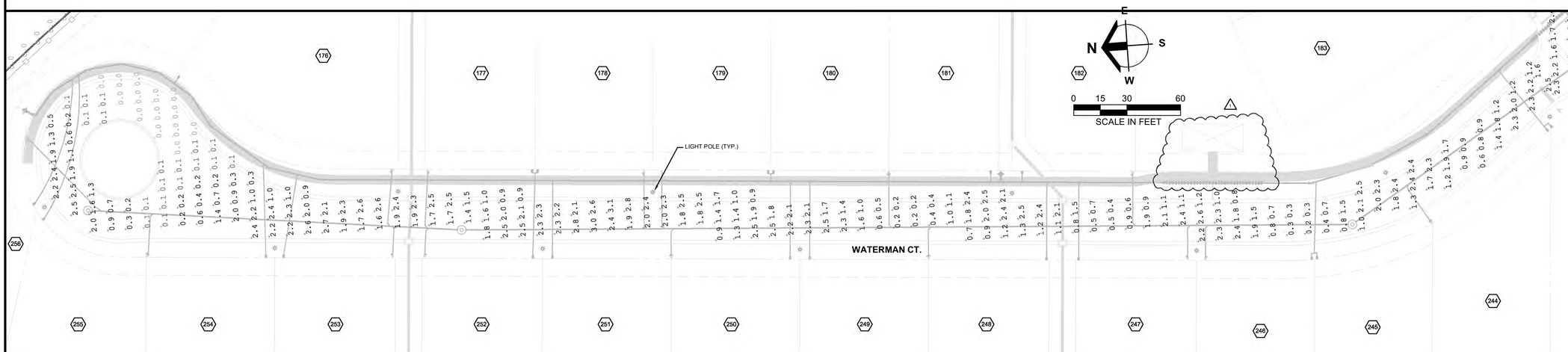
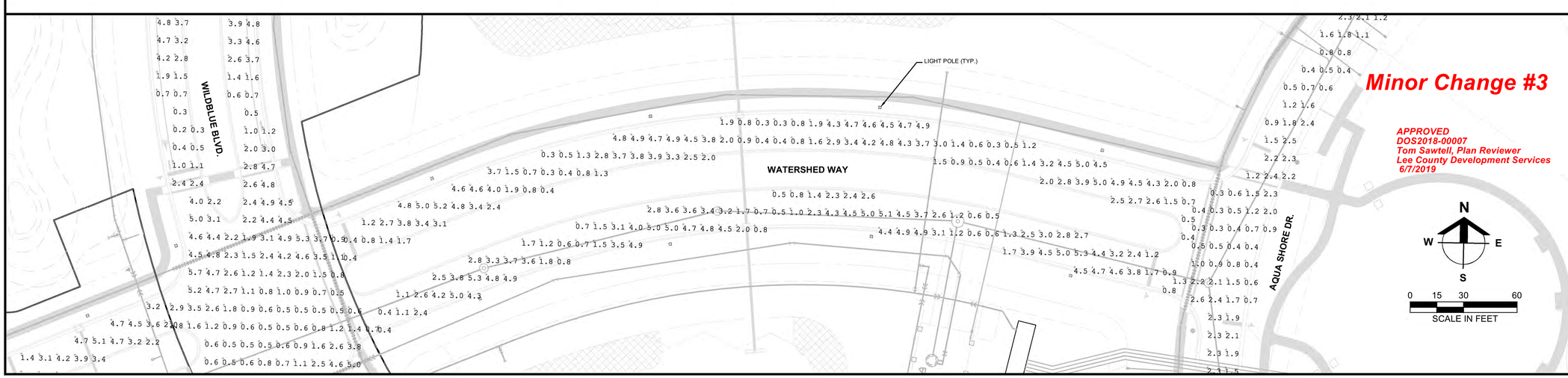
LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)





Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG

PLAN REVISIONS

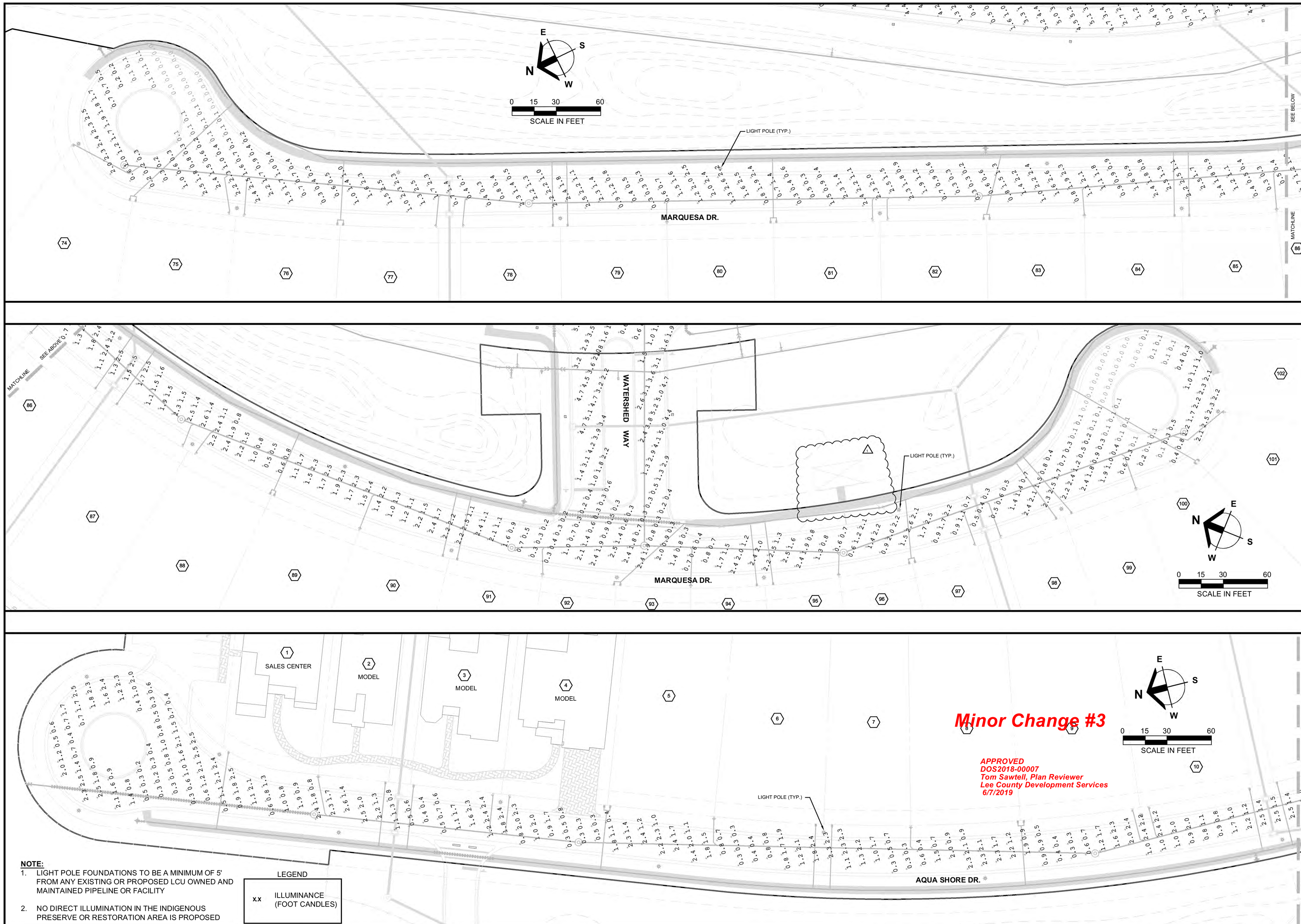
04-17-19	D.O. MINOR CHANGE #3

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.5



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LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

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LEE COUNTY, FLORIDA

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG

PLAN REVISIONS

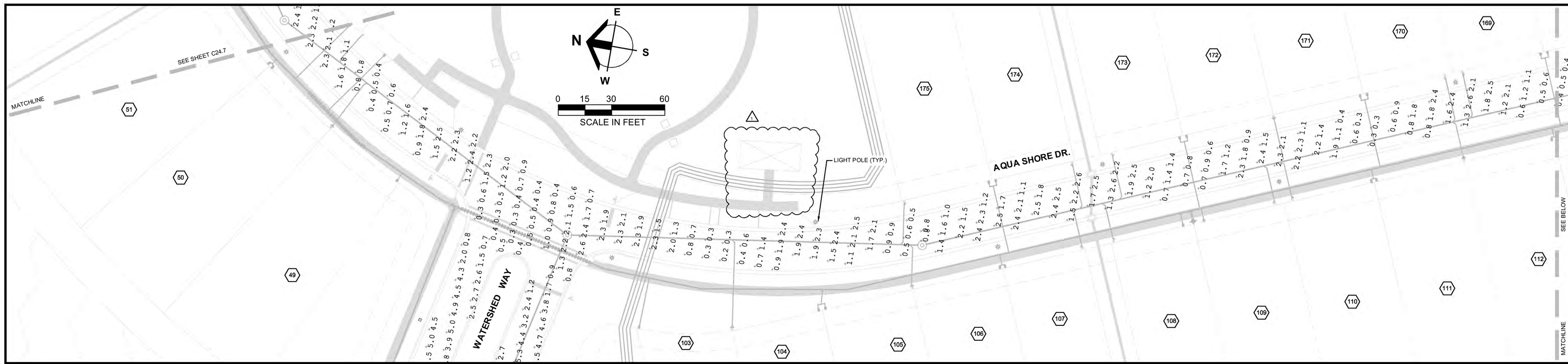
04-17-19	D.O. MINOR CHANGE #3 △1

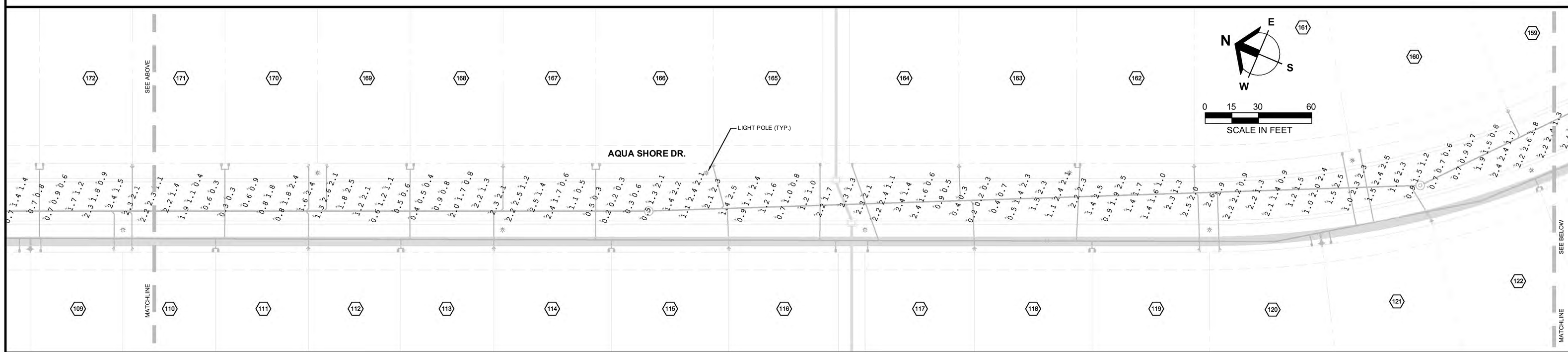
PLAN STATUS

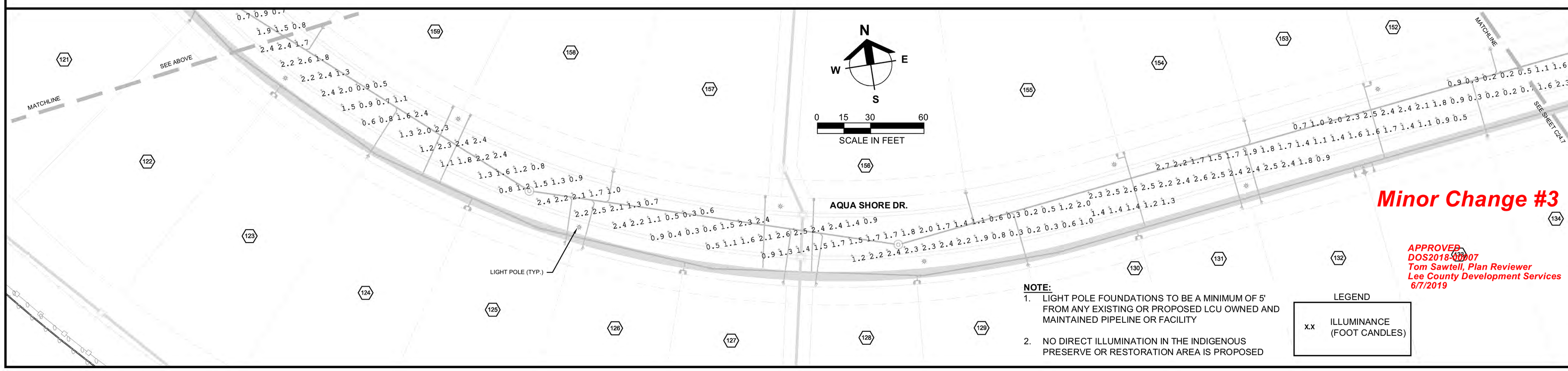
D.O. MINOR CHANGE #3
05-30-2019

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.6







Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

NOTE:

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LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

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PLOT DATE	THU. 5-30-2019 - 2:57 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG

PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3 △1

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.8

DOS2018-00007 Lee County ePlan

DO NOT SAVE IN 2014 OR 2016

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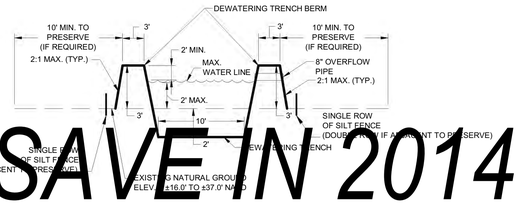
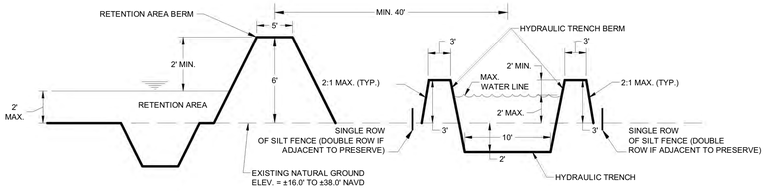
0 150 300 600
SCALE IN FEET



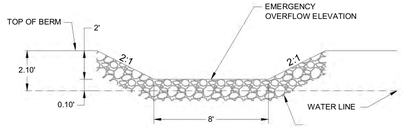
SECTION A — DEWATERING TRENCH

NOT TO SCALE



SECTION B — HYDRAULIC TRENCH TO RETENTION AREA SPACING

NOT TO SCALE



SECTION C — BERM NOTCH DETAIL FOR EMERGENCY OVERFLOW

NOT TO SCALE

DEWATERING NOTES:

1. ALL DEWATERING TO BE RETAINED ON-SITE. (NO DISCHARGE TO EXISTING LAKE, CONSERVATION AREA, OR OFFSITE IS PERMITTED.)
2. EXISTING ELEVATION OF SITE IS ±16.0'-±38.0' NAVD.
3. UTILITY DEWATERING ELEVATION VARIES FROM ± (-)2.0' NAVD TO ELEVATION ±18.7' NAVD.
4. DEWATERING TO BE COMPLETED IN A PERIOD OF NO MORE THAN 1 YEAR
5. ANY TRENCH LOCATION THAT IS IN CONFLICT WITH ANY ENTRANCE AND/OR ACCESS WAY MY BE CROSSED USING CULVERTS WITH SUFFICIENT COVER.
6. PUMPS MAY BE MOVED DURING DEWATERING OPERATION.

GENERAL NOTES:

1. WET SEASON WATER TABLE EL. BASIN F = ± 19.5' NAVD.
2. WET SEASON WATER TABLE EL. BASIN G = ± 18.7' NAVD.
3. WET SEASON WATER TABLE EL. BASIN H = ± 17.8' NAVD.
4. DRY SEASON WATER TABLE EL. BASIN F = ± 17.5' NAVD.
5. DRY SEASON WATER TABLE EL. BASIN G = ± 16.7' NAVD.
6. DRY SEASON WATER TABLE EL. BASIN H= ± 15.8' NAVD.

NOTE:

CONTRACTOR TO VERIFY ALL EXISTING LOCATIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ALL DEWATERING TRENCHES AND RETENTION AREA LOCATIONS TO BE FIELD ADJUSTED TO REDUCE IMPACTS AND MAINTAIN SEPARATIONS.

NOTE:

SEE SHEET C20.0 AND C21.0 FOR EROSION CONTROL DETAILS AND PLACEMENT.

DEWATERING SEQUENCE: BASIN F

DEWATERING SEQUENCE MAY BE ADJUSTED BASED ON SITE CONDITIONS AND CONTRACTOR DISCRETION IF PHASE IS CONTIGUOUS TO ANOTHER COMPLETED PHASE.

1. LAKE F-1 DEWATERED INTO HYDRAULIC TRENCH WITH PUMP INSTALLED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS TO RETENTION AREA #1.
2. RETENTION AREA #1 SHALL BE EQUIPPED WITH AN EMERGENCY OVERFLOW STRUCTURE PLACED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS BACK ONTO THE CURRENT DEWATERING SITE.
3. SHOULD RETENTION LIMITS OF RETENTION AREA #1 BE REACHED, DEWATERING SHALL CEASE UNTIL SUCH TIME THAT ADEQUATE STORAGE IS AVAILABLE ON-SITE. IF EXCESS WATER ABOVE RETENTION LIMITS RESULTS IN BERM FAILURE OR OFF-SITE DISCHARGE, THE DISTRICT SHALL BE NOTIFIED IMMEDIATELY.
4. LAKE F-1, AND UTILITY TRENCHES SHALL BE DEWATERED INDEPENDENTLY INTO HYDRAULIC TRENCH WITH PUMP INSTALLED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS INTO LAKE G-1, OR ANY LAKE CONSTRUCTED AT THAT TIME.
5. SHOULD RETENTION LIMITS OF THE CONSTRUCTED LAKES BE REACHED, DEWATERING SHALL CEASE UNTIL SUCH TIME THAT ADEQUATE STORAGE IS AVAILABLE ON-SITE. IF EXCESS WATER ABOVE RETENTION LIMITS RESULTS IN BERM FAILURE OR OFF-SITE DISCHARGE, THE DISTRICT SHALL BE NOTIFIED IMMEDIATELY.
6. AT COMPLETION OF DEWATERING, ALL HYDRAULIC TRENCHES AND ASSOCIATED PUMPS SHALL BE REMOVED.

DEWATERING SEQUENCE: BASIN G

DEWATERING SEQUENCE MAY BE ADJUSTED BASED ON SITE CONDITIONS AND CONTRACTOR DISCRETION IF PHASE IS CONTIGUOUS TO ANOTHER COMPLETED PHASE.

1. LAKE G-1 DEWATERED INTO HYDRAULIC TRENCH WITH PUMP INSTALLED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS TO RETENTION AREA #1.
2. RETENTION AREA #1 SHALL BE EQUIPPED WITH AN EMERGENCY OVERFLOW STRUCTURE PLACED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS BACK ONTO THE CURRENT DEWATERING SITE.
3. SHOULD RETENTION LIMITS OF RETENTION AREA #1 BE REACHED, DEWATERING SHALL CEASE UNTIL SUCH TIME THAT ADEQUATE STORAGE IS AVAILABLE ON-SITE. IF EXCESS WATER ABOVE RETENTION LIMITS RESULTS IN BERM FAILURE OR OFF-SITE DISCHARGE, THE DISTRICT SHALL BE NOTIFIED IMMEDIATELY.
4. LAKES G-2, G-3, AND UTILITY TRENCHES SHALL BE DEWATERED INDEPENDENTLY INTO HYDRAULIC TRENCH WITH PUMP INSTALLED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS INTO LAKE G-1, OR ANY LAKE CONSTRUCTED AT THAT TIME.
5. LAKE G-1 SHALL BE EQUIPPED WITH AN EMERGENCY OVERFLOW STRUCTURE PLACED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS BACK ONTO THE CURRENT DEWATERING SITE.
6. SHOULD RETENTION LIMITS OF THE CONSTRUCTED LAKES BE REACHED, DEWATERING SHALL CEASE UNTIL SUCH TIME THAT ADEQUATE STORAGE IS AVAILABLE ON-SITE. IF EXCESS WATER ABOVE RETENTION LIMITS RESULTS IN BERM FAILURE OR OFF-SITE DISCHARGE, THE DISTRICT SHALL BE NOTIFIED IMMEDIATELY.
7. AT COMPLETION OF DEWATERING, ALL HYDRAULIC TRENCHES AND ASSOCIATED PUMPS SHALL BE REMOVED.

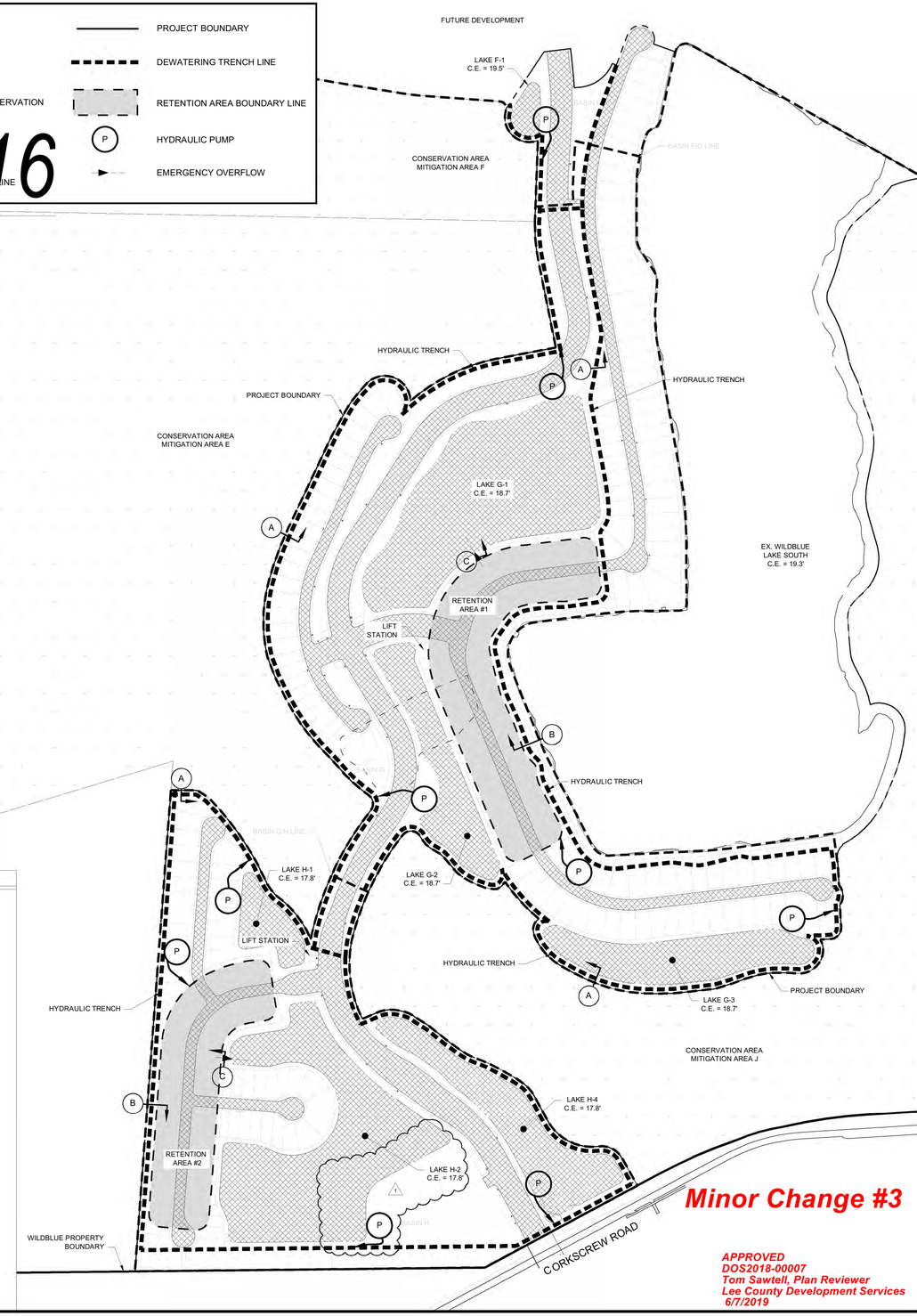
DEWATERING SEQUENCE: BASIN H

DEWATERING SEQUENCE MAY BE ADJUSTED BASED ON SITE CONDITIONS AND CONTRACTOR DISCRETION IF PHASE IS CONTIGUOUS TO ANOTHER COMPLETED PHASE.

1. LAKE H-1 DEWATERED INTO HYDRAULIC TRENCH WITH PUMP INSTALLED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS TO RETENTION AREA #2.
2. RETENTION AREA #2 SHALL BE EQUIPPED WITH AN EMERGENCY OVERFLOW STRUCTURE PLACED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS BACK ONTO THE CURRENT DEWATERING SITE.
3. SHOULD RETENTION LIMITS OF RETENTION AREA #2 BE REACHED, DEWATERING SHALL CEASE UNTIL SUCH TIME THAT ADEQUATE STORAGE IS AVAILABLE ON-SITE. IF EXCESS WATER ABOVE RETENTION LIMITS RESULTS IN BERM FAILURE OR OFF-SITE DISCHARGE, THE DISTRICT SHALL BE NOTIFIED IMMEDIATELY.
4. LAKES H-2, H-3,H-4, AND UTILITY TRENCHES SHALL BE DEWATERED INDEPENDENTLY INTO HYDRAULIC TRENCH WITH PUMP INSTALLED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS INTO LAKE H-1, OR ANY LAKE CONSTRUCTED AT THAT TIME.
5. LAKE H-1 SHALL BE EQUIPPED WITH AN EMERGENCY OVERFLOW STRUCTURE PLACED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS BACK ONTO THE CURRENT DEWATERING SITE.
6. SHOULD RETENTION LIMITS OF THE CONSTRUCTED LAKES BE REACHED, DEWATERING SHALL CEASE UNTIL SUCH TIME THAT ADEQUATE STORAGE IS AVAILABLE ON-SITE. IF EXCESS WATER ABOVE RETENTION LIMITS RESULTS IN BERM FAILURE OR OFF-SITE DISCHARGE, THE DISTRICT SHALL BE NOTIFIED IMMEDIATELY.
7. AT COMPLETION OF DEWATERING, ALL HYDRAULIC TRENCHES AND ASSOCIATED PUMPS SHALL BE REMOVED.

LEGEND

EXISTING LAKE	PROJECT BOUNDARY
PROPOSED LAKE	DEWATERING TRENCH LINE
MITIGATIONS/CONSERVATION AREA	RETENTION AREA BOUNDARY LINE
DEWATERING AREA	HYDRAULIC PUMP
BASIN BOUNDARY LINE	EMERGENCY OVERFLOW



Minor Change #3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
6/7/2019

Barraco and Associates, Inc.
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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
FLORIDA P.E. NO. 38536 - CARLB@BARRACO.NET

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FILE NAME	23526A93.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	THU. 5-30-2019 - 3:25 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG
SURVEY = 23372S00.DWG

PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3 1

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DEWATERING PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	C26.0

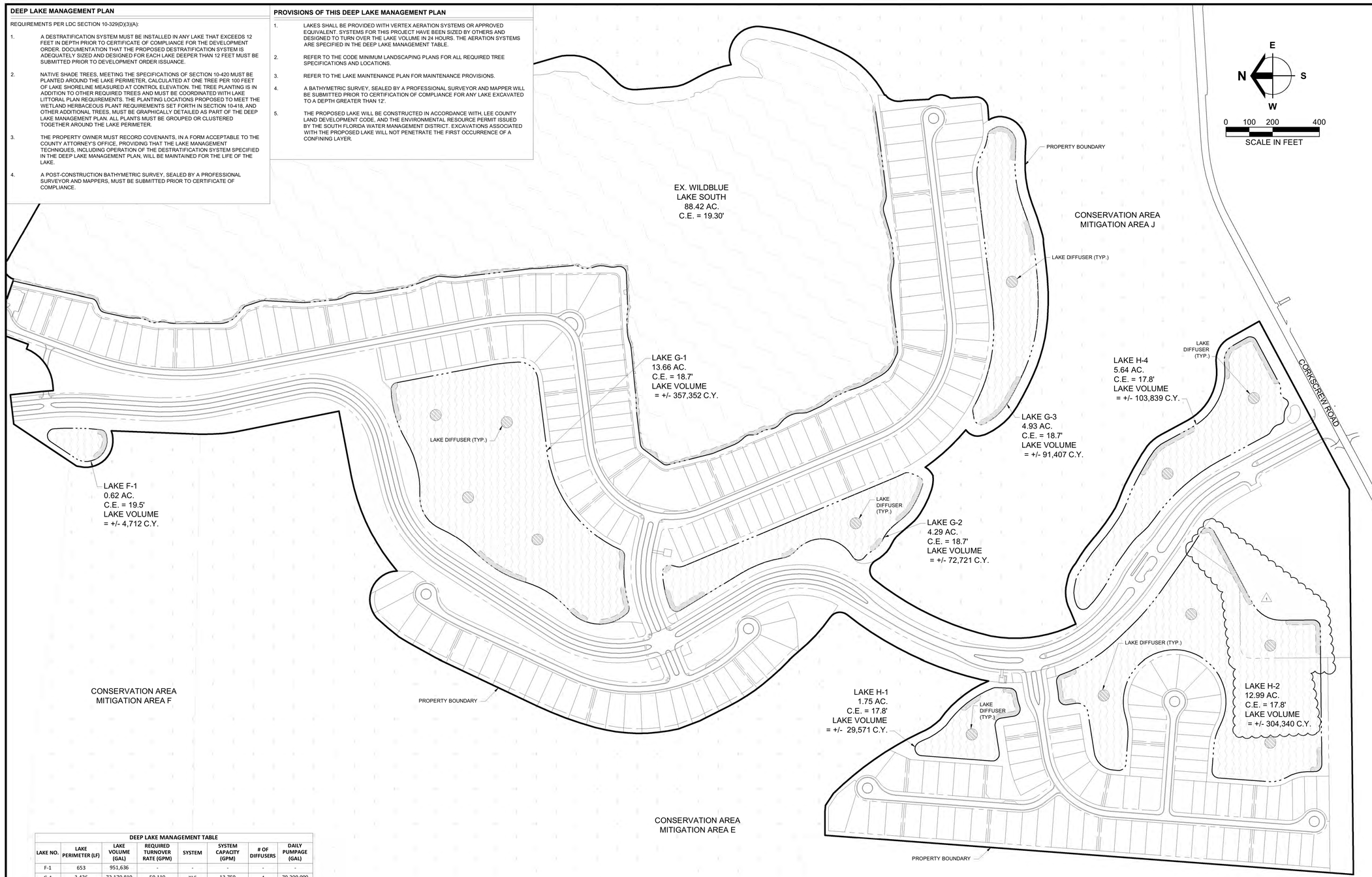
DEEP LAKE MANAGEMENT PLAN

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.



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)
F-1	653	951,636	-	-	-	-	-
G-1	3,426	72,170,810	50,119	XL5	13,750	4	79,200,000
G-2	2,773	14,686,733	10,200	XL5	13,750	1	19,800,000
G-3	2,788	18,460,558	12,820	XL5	13,750	1	19,800,000
H-1	1,278	5,972,159	4,148	XL5	13,750	1	19,800,000
H-2	4,628	61,464,506	42,684	XL5	13,750	4	79,200,000
H-4	3,112	21,187,782	14,714	XL5	13,750	2	39,600,000

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CROSS REFERENCED DRAWINGS

PLAN REVISIONS

04-17-19	D.O. MINOR CHANGE #3

PLAN STATUS

D.O. MINOR CHANGE #3
05-30-2019

DEEP LAKE MANAGEMENT PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	C27.0