DOS2017-00103 Lee County ePlan

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

DEVELOPMENT ORDER PLANS
FOR

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.

REMOVAL OF EXCAVATED FILL MATERIAL FROM THE SITE IS NOT AUTHORIZED

Please Note: Final Development Order does not confer approval for signage

WILDBLUE
PHASE 1 RESIDENTIAL

Electronically signed on 10/1/2018 by
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review

UTILITY PERMIT REQUIRED
Plan is not approved for location or placement of utilities. All work in county right-of-way and easements must be permitted prior to commencing work.

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

LEE COUNTY DOT RIGHT-OF-WAY PERMIT REQUIRED

VEGETATION PERMIT REQUIRED PRIOR TO ANY SITE WORK
Protective barricades must be constructed and inspected prior to permit issuance. Please contact Division of Environmental Sciences (239) 533-8389.

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	PENDING	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.

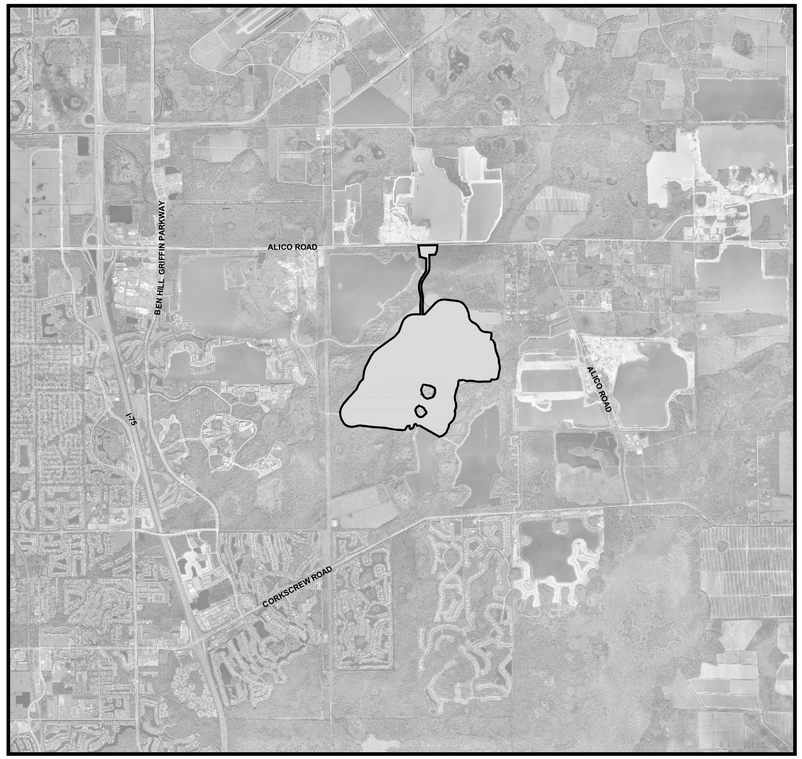
LAND PLANNING
JENNIFER SAPEN, AICP

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

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
It's fast. It's free. It's the law.
www.sunshine811.com

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,E	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,D	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	PROFILE BASE PLAN	23473A00P.DWG
E	SURVEY	23372S00.DWG

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

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
2018.09.07
09:42:17 -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\
PLOT DATE	THU. 9-6-2018 - 11:53 AM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

MASTER = BAI-COVER-1.DWG

PLAN REVISIONS

3-30-18	DO COMMENTS DATED 12-21-17	1
6-14-18	DO COMMENTS DATED 5-10-18	2
8-23-18	DO COMMENTS DATED 8-20-18	3

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

COVER SHEET AND LOCATION MAP

PROJECT / FILE NO.	SHEET NUMBER
23675	1.0

DOS2017-00103 Lee County ePlan

STANDARD ABBREVIATIONS

NOTE: SEE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS INDEX 001 FOR ADDITIONAL ABBREVIATIONS NOT LISTED BELOW.

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	CULV.	CULVERT	FIN.	FINISH	M.H.W.	MEAN HIGH WATER	REL.	RELOCATED
		C.Y.	CUBIC YARD	FL.	FLORIDA	MI.	MILE	REM.	REMOVED
		CYL.	CYLINDRICAL	FLEX.	FLEXIBLE	MIN.	MINIMUM	REQ.	REQUIRED
ABD.	ABANDONED	D.	DEGREE OF CURVATURE	F.M.	FORCEMAIN	MISC.	MISCELLANEOUS	RES.	RESIDENCE
AC.	ACRE	DA.	DAY(S)	F.O.C.	FACE OF CURB	M.L.W.	MEAN LOW WATER	R.M.	REFERENCE MONUMENT
A.D.A.	AMERICANS WITH DISABILITIES ACT	(D)	DEED	F.P.S.	FEET PER SECOND	MM.	MILLIMETER	R.P.M.	RAISED REFLECTIVE PAVEMENT MARKERS
ADJ.	ADJUST	D.A.	DRAINAGE AREA	FRAC.	FRACTION	MOD.	MODIFY OR MODIFIED		
A.D.T.	AVERAGE DAILY TRAFFIC	D.B.	DEED BOOK	FREQ.	FREQUENCY	MON.	MONUMENT	R.P.B.D.	REDUCED PRESSURE BACKFLOW PREVENTION DEVICE
A.E.	ACCESS EASEMENT	D.B.I.	DITCH BOTTOM INLET	FT.	FOOT OR FEET	M.O.T.	MAINTENANCE OF TRAFFIC		
A.A.D.T.	ANNUAL AVERAGE DAILY TRAFFIC	DBL.	DOUBLE	FURN.	FURNISH	M.P.H.	MILES PER HOUR	R.R.	RAILROAD
AGG.	AGGREGATE	D.C.S.	DEGREE OF CURVATURE (SPIRAL)	G.	GRAM	M.S.L.	MEAN SEA LEVEL	RT.	RIGHT
A.I.C.P.	AMERICAN INSTITUTE OF CERTIFIED PLANNERS	D.D.C.V.	DOUBLE DETECTOR CHECK VALVE	GAL.	GALLON	M.U.T.C.A.	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES	R/W	RIGHT OF WAY
		D.E.	DRAINAGE EASEMENT	GALV.	GALVANIZED			S.	SOUTH
		DECEL.	DECELERATION	GA.	GAUGE OR GAGE	N.	NORTH	SAN.	SANITARY
ALT.	ALTERNATE	DEMOBL.	DEMOBILIZATION	GAR.	GARAGE	N/A	NOT APPLICABLE	SCH.	SCHEDULE
ALUM.	ALUMINUM	DEN.	DENSITY	GOVT.	GOVERNMENT	NE.	NORTHEAST	SE.	SOUTHEAST
A.M.	12:00 MIDNIGHT UNTIL 11:59 NOON	DEPT.	DEPARTMENT	GM.	GROSS MILE	NGVD	NATIONAL GEODETIC VERTICAL DATUM OF 1929	SEC.	SECTION
A.N.S.I.	AMERICAN NATIONAL STANDARDS INSTITUTE	DET.	DETOUR	GR.	GUARDRAIL			SED.	SEDIMENT
		D.H.W.	DESIGN HIGH WATER	GRND.	GROUND	NAVD	NORTH AMERICAN VERTICAL DATUM OF 1988	SG.	SPECIFIC GRAVITY
APPL.	APPLICATION	DIA.	DIAMETER	GV.	GATE VALVE			SH.	SHEET
ASPH.	ASPHALT	D.I.P.	DUCTILE IRON PIPE	H.	HEIGHT	N.G.S.	NATIONAL GEODETIC SURVEY	SHLDR.	SHOULDER
ASSY.	ASSEMBLY	DIR.	DIRECTION	H.D.	HIGH DENSITY			S.H.W.T.	SEASONAL HIGH WATER TABLE
A.S.T.M.	AMERICAN SOCIETY FOR TESTING MATERIALS	DIST.	DISTANCE	HDWL.	HEADWALL	N.G.W.	NORMAL HIGH WATER	SPEC.	SPECIFICATION
		D.O.T.	DEPARTMENT OF TRANSPORTATION	HNDRL.	HANDRAIL	NM.	NET MILE	S.F.	SQUARE FOOT
AUX.	AUXILIARY	DR.	DRIVE	HORIZ.	HORIZONTAL	N.T.S.	NOT TO SCALE	S.R.	STATE ROAD
AVE.	AVENUE	DRWY.	DRIVEWAY	H.P.	HIGH PRESSURE OR HORSE POWER	NW.	NORTHWEST	ST.	STREET
AVG.	AVERAGE	D.S.	DESIGN SPEED	H.W.	HIGH WATER	O.D.	OUTSIDE DIAMETER	STA.	STATION
B.E.	BURIED ELECTRIC	D.S.W.T	DRY SEASON WATER TABLE	HWY.	HIGHWAY	O.E.	OVERHEAD ELECTRIC	STAB.	STABILITY OR STABILIZATION
B/L	BASE LINE	DWG.	DRAWING	HYD.	HYDRANT	OPT.	OPTIONAL	STD.	STANDARD
BLVD.	BOULEVARD	E.	EAST	I.	EXTERNAL ANGLE (DELTA)	O.R.	OFFICIAL RECORD BOOK	STR.	STRUCTURE
B.M.	BENCHMARK	EA.	EACH	I.D.	INSIDE DIAMETER	OZ.	OUNCE	S.Y.	SQUARE YARD
B.O.C.	BACK OF CURB	E.	RATE OF SUPER ELEVATION	I.E.	INVERT ELEVATION	(P)	PLAT	SW.	SOUTHWEST
BOT.	BOTTOM	ED.	EACH DAY	IN.	INCH	PAVT.	PAVEMENT	S/W	SIDEWALK
B.P.	BORROW PIT	E.I.	ENGINEERING INTERN	INC.	INCORPORATED	P.C.	POINT OF CURVATURE	T.	THICKNESS
BR.	BRIDGE	EL.orELEV.	ELEVATION	INCL.	INCLUDED	P.E.	PROFESSIONAL ENGINEER	TAN.	TANGENT
BRG.	BEARING	ELEC.	ELECTRIC	I.P.	IRON PIPE	PED.	PEDESTRIAN OR PEDESTAL	TWP.	TOWNSHIP
B.T.	BURIED TELEPHONE	ELLIP.	ELLIPTICAL	I.R.	IRON ROD	PG.	PAGE	T.B.M.	TEMPORARY BENCH MARK
BTWN.	BETWEEN	EMBK.	EMBANKMENT	IRR.	IRRIGATION	P.G.L.	PROFILE GRADE LINE	T.B.D.	TO BE DETERMINED
B/W	BARBED WIRE	ENCL.	ENCLOSURE	INSTL.	INSTALL OR INSTALLATION	P.I.E.	PRIVATE IRRIGATION EASEMENT	T.B.R.	TO BE REMOVED
CALC.	CALCULATED	E.O.P.	EDGE OF PAVEMENT	INST. NO.	INSTRUMENT NUMBER	P.I.V.	POST INDICATOR VALVE	TEL.	TELEPHONE
(C)	CALCULATED	E.O.W.	EDGE OF WATER	INT.	INTERSECTION	PH	MEASURE OF ACIDITY OR ALKALINITY	TEMP.	TEMPORARY
CAP.	CAPACITY	EQ.	EQUATION OR EQUAL	INV.	INVERT			TN.	TON
CATV.	CABLE TELEVISION	EQUIP.	EQUIPMENT	J.B.	JUNCTION BOX	P.I.	POINT OF INTERSECTION	T.U.E.	TECHNOLOGY UTILITY ESMT.
C.B.	CATCH BASIN	E.R.C.P.	ELLIPTICAL REINFORCED CONCRETE PIPE	JCT.	JUNCTION	PK.	PARKER-KALON	TYP.	TYPICAL
CBC.	CONCRETE BOX CULVERT			JT.	JOINT	PL.	PROPERTY LINE	UG.	UNDERGROUND
CBS.	CONCRETE BOX STRUCTURE	ESMT.	EASEMENT	K.	RATE OF VERTICAL CURVATURE	P.M.	12:00 NOON UNTIL 11:59 MIDNIGHT	U.E.	UTILITY EASEMENT
C/C	CENTER TO CENTER	ETC.	ET CETERA (AND SO FORTH)	KM.	KILOMETER	P.O.C.	POINT ON CURVE	USC&GS	UNITED STATES COAST AND GEODETIC SURVEY
CCMB.	COUNTY COMMISSIONERS MINUTES BOOK	E.W.	ENDWALL	KV.	KILOVOLT	P.P.	POWER POLE		
		EXCAV.	EXCAVATION	KVA.	KILOVOLT AMPERES	P.R.C.	POINT OF REVERSE CURVATURE	USGS	UNITED STATES GEOLOGICAL SURVEY
CEM.	CEMENT	EX.	EXISTING	L.	LENGTH, LENGTH OF CURVE, LITRE				
C.F.	CUBIC FOOT	EXP.	EXPANSION	L.A.	LIMITED ACCESS	P.R.M.	PERMANENT REFERENCE MONUMENT	UTIL.	UTILITIES
C.I.	CAST IRON	EXT.	EXTENSION	LAT.	LATERAL OR LATITUDE			V.	VOLUME
C.I.P.	CAST IRON PIPE	F.	FILL	LB.	POUND OR LICENSED BUSINESS	PROP.	PROPERTY	VAR.	VARIABLE
C/L	CENTER LINE	F. TO F.	FACE TO FACE	L.C.R.	LEE COUNTY RECORDS	P.U.E.	PUBLIC UTILITY EASEMENT	V.C.	VERTICAL CURVE
CONC.	CONCRETE	FAC.	FLORIDA ADMINISTRATIVE CODE	L.C.U.	LEE COUNTY UTILITIES	P.S.I.	POUNDS PER SQUARE INCH	VEH.	VEHICLE
C.M.	CONCRETE MONUMENT	F.A.C.B.C.	FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION	L.C.U.E.	LEE COUNTY UTILITIES EASEMENT	P.S.M.	PROFESSIONAL SURVEYOR AND MAPPER	V.F.	VERTICAL FOOT
C.M.P.	CORRUGATED METAL PIPE			L=	ARC LENGTH			VERT.	VERTICAL
CO.	COUNTY OR COMPANY	F.B.C.	FLORIDA BUILDING CODE	LF.	LINEAR FOOT	P.V.C.	POLYVINYL CHLORIDE PIPE	VOL.	VOLUME
C/O	CLEANOUT	FD.	FOUND	L.M.E.	LAKE MAINTENANCE EASEMENT	PVI.	POINT OF VERTICAL INTERSECTION	W.	WEST
COL.	COLUMN	F.D.C.	FIRE DEPARTMENT CONNECTION	LOC.	LOCATION	Q.	PEAK DISCHARGE OR FLOW VOLUME (CFS)	WIT.	WITNESS
COM.	COMMERCIAL			L.S.	LUMP SUM			W.M.	WATERMAIN
CONST.	CONSTRUCTION	FDN.	FOUNDATION	LT.	LEFT	QTY.	QUANTITY	X.	COORDINATE DISTANCE(EAST-WEST)
CONTR.	CONTRACTOR	F.D.O.T.	FLORIDA DEPARTMENT OF TRANSPORTATION	M.	MASS	R. or RAD.	RADIUS	XING.	CROSSING
COORD.	COORDINATE			(M)	MEASURED	RD.	ROAD	Y.	COORDINATE DISTANCE (NORTH-SOUTH)
COR.	CORNER	FED.	FEDERAL	MAINT.	MAINTENANCE	RNG.	RANGE		
C.P.	CONTROL POINT	FERT.	FERTILIZER	MAX.	MAXIMUM	R.C.P.	REINFORCED CONCRETE PIPE	YR.	YEAR
C.R.	CONTROL RADIUS	F.E.S.	FLARED END SECTION	MED.	MEDIAN	RNG.	RANGE		
C.S.	CONTROL STRUCTURE	F.F.E.	FINISHED FLOOR ELEVATION	M.E.S.	MITERED END SECTION	REC.	RECORD		
CTR.	CENTER	FH.	FIRE HYDRANT	MG	MILLION GALLONS	RECT.	RECTANGULAR		
C.U.E.	COUNTY UTILITY EASEMENT	FHWA.	FEDERAL HIGHWAY ADMINISTRATION	M.H.	MANHOLE	REINF.	REINFORCED OR REINFORCING		

GENERAL NOTES

NOTE: SEE ADDITIONAL NOTES ON SITE DEVELOPMENT PLANS AND DETAIL SHEETS WHICH ARE SPECIFIC TO THIS PROJECT. IN THE EVENT OF A CONFLICT, UTILIZE NOTES ON SITE DEVELOPMENT PLANS.

1. THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE LATEST EDITIONS OF THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, F.D.O.T. DESIGN STANDARDS AND APPLICABLE DESIGN STANDARDS MODIFICATIONS FOUND AT http://www.dot.state.fl.us/rddesign AND ALL LOCAL CODES.
2. ALL APPROVALS REQUIRED IN CONJUNCTION WITH THESE NOTES MUST BE OBTAINED IN WRITING BY THE CONTRACTOR. ANY DEVIATIONS FROM THE PLANS AND / OR SPECIFICATIONS MUST BE APPROVED IN ADVANCE BY THE OWNER, ENGINEER AND APPROPRIATE REGULATORY AGENCY.
3. CONTRACTOR SHALL ENSURE THAT ALL PERMITS ARE IN PLACE PRIOR TO CONSTRUCTION, THAT COPIES OF ALL PERMITS ARE RETAINED ON SITE AT ALL TIMES AND SHALL ADHERE TO ALL PERMIT CONDITIONS. AT LEAST 72 HOURS PRIOR TO CONSTRUCTION CONTRACTOR SHALL NOTIFY THE LOCAL MAINTENANCE ENGINEER'S OFFICE TO SECURE GENERAL USE PERMITS AND / OR OTHER PERMITS REQUIRED FOR WORK WITHIN F.D.O.T. RIGHT-OF-WAY.
4. ALL CONSTRUCTION SHALL COMPLY WITH THE LATEST VERSIONS OF THE AMERICANS WITH DISABILITIES ACT (A.D.A.) AND THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION (F.A.C.B.C.). MAXIMUM SLOPE IN ACCESSIBLE PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS. MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS AND CROSSWALKS.
5. SIDEWALKS ARE DESIGNED AND INTENDED FOR PEDESTRIAN TRAFFIC ONLY. ALL SIDEWALKS AND CURB CUTS SHALL BE IN ACCORDANCE WITH F.D.O.T. INDEX 304 AND SHALL INCLUDE DETECTABLE WARNING SURFACES. VALLEY GUTTER ADJACENT TO CURB CUTS SHALL DEVIATE FROM STANDARD DETAIL BY NOT EXCEEDING 12:1 SLOPES.
6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, OWNER'S REPRESENTATIVE AND APPROPRIATE AGENCY A MINIMUM OF 72 HOURS PRIOR TO ALL INSPECTIONS REQUIRED BY THE RESPECTIVE PERMIT.
7. THE CONTRACTOR SHALL NOTIFY THE OWNER AND CONTACT ALL UTILITY COMPANIES FOR LOCATIONS OF EXISTING UTILITIES A MINIMUM OF 72 HOURS PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL DETERMINE IF UTILITIES OTHER THAN THOSE SHOWN ON THESE PLANS EXIST. THE LOCATION OF EXISTING UTILITIES, PAVEMENT, VEGETATION AND OTHER IMPROVEMENTS ARE APPROXIMATE ONLY. THE EXACT SIZES, ELEVATIONS AND LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO COMMENCING CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR SHALL NOTIFY ENGINEER / OWNER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
8. ANY PUBLIC LAND CORNER OR BENCHMARK WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED AND IF IN DANGER OF BEING DESTROYED MUST BE PROPERLY REFERENCED BY THE CONTRACTOR.
9. EXISTING IMPROVEMENTS SHALL REMAIN UNLESS NOTED OTHERWISE, AND SHALL BE RESTORED TO A CONDITION EQUIVALENT TO THAT WHICH EXISTED PRIOR TO COMMENCING CONSTRUCTION, AT NO ADDITIONAL COST TO THE OWNER. EXISTING OFF-SITE DRAINAGE PATTERNS SHALL BE MAINTAINED DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL OBTAIN ANY CLEARING, VEGETATION REMOVAL OR RIGHT-OF-WAY PERMITS REQUIRED FOR THIS PROJECT. ALL DEBRIS SHALL BE REMOVED FROM SITE AND PROPERLY DISPOSED OF.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND USAGE OF THE EXISTING STREETS ADJACENT TO THE PROJECT. ALL TRAFFIC MAINTENANCE CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FLORIDA MANUAL OF TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS. CONTRACTOR SHALL ASSURE THAT ALL TRAFFIC CONTROL DEVICES MEET ACCEPTABLE STANDARDS AS OUTLINED IN THE LATEST EDITION OF THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA's) "QUALITY STANDARDS FOR WORK ZONE TRAFFIC CONTROL DEVICES", AND SHALL IMMEDIATELY REPAIR, REPLACE OR CLEAN DAMAGED, DEFACED OR DIRTY DEVICES. TRAFFIC CONTROL OPERATION PROCEDURES SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION. ANY IMPACTS TO TRAFFIC FLOW SHALL BE COORDINATED WITH AND APPROVED BY THE APPROPRIATE LOCAL AGENCY.
12. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER AND OWNER'S REPRESENTATIVE.
13. THE LOCATIONS OF PROPOSED DRAINAGE STRUCTURES AND UTILITY LINES MAY BE FIELD ADJUSTED TO PRESERVE EXISTING VEGETATION AS APPROVED IN ADVANCE BY THE ENGINEER. UNDERGROUND CONTRACTOR SHALL MINIMIZE THE WORK AREA AND WIDTH OF TRENCHES TO AVOID DISTURBANCES OF NATURAL VEGETATION. 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. SPOIL FROM TRENCHES SHALL BE PLACED ONLY ON PREVIOUSLY CLEARED AREAS OR AS DIRECTED BY THE OWNER. CONTRACTOR SHALL NOT REMOVE OR DISTURB ANY TREES AND/OR SHRUBS WITHOUT PRIOR APPROVAL BY OWNER.
14. INSTALLATION OF SUBSURFACE CONSTRUCTION, INCLUDING BUT NOT LIMITED TO WATER, SEWER AND IRRIGATION LINES, PUBLIC UTILITIES AND STORM DRAINAGE IS REQUIRED PRIOR TO COMPACTION OF THE ROADWAY SUBGRADE.
15. SUBGRADE AND LIMEROCK BASE COURSES TO BE COMPACTED TO 98% MINIMUM OF THE MAXIMUM DRY DENSITY AS SPECIFIED BY AASHTO T-180 TESTING. CONTRACTOR SHALL PROVIDE THE ENGINEER SATISFACTORY DENSITY TESTS FOR SUBGRADE AND LIMEROCK PRIOR TO PAYMENT OR FINAL ACCEPTANCE. EXCESS ROAD BASE AND COMPACTED SOIL SHALL BE REMOVED FROM ALL LANDSCAPE AREAS PRIOR TO FINAL GRADING.
16. SWALE ELEVATIONS SHOWN ARE TO TOP OF SOD. CONTRACTOR TO ADJUST SWALE GRADING ACCORDINGLY. ALL UNPAVED AREAS SHALL BE GRADED TO DRAIN TO THE DRAINAGE SYSTEM TO PREVENT STANDING WATER. YARD DRAINS MAY BE ADDED IN GREEN AREAS AS NECESSARY AT THE DIRECTION OF THE LANDSCAPE ARCHITECT OR ENGINEER, AND SHALL HAVE PEDESTRIAN-SAFE GRATES MEETING THE REQUIREMENTS OF H-20 LOADING.
17. BERM ELEVATIONS SHOWN ARE THE MINIMUM REQUIRED. CONTRACTOR MAY EXCEED THE MINIMUM BERM ELEVATION BY UP TO 0.5 FEET PROVIDED ALL SLOPE CRITERIA IS MET. ANY CONSTRUCTION OF BERMS IN EXCESS OF THAT LIMIT MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
18. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WITHIN ONE WEEK OF COMPLETION OF DRAINAGE CONTROL STRUCTURES SO THAT ELEVATIONS MAY BE VERIFIED PRIOR TO COMPLETION OF CONSTRUCTION.
19. THE CONTRACTOR IS REQUIRED TO ADJUST ALL EXISTING AND PROPOSED VALVE BOXES, MANHOLE RIMS, GRATES AND OTHER IMPROVEMENTS AS REQUIRED TO MATCH THE FINAL GRADE.
20. THE CONTRACTOR SHALL COORDINATE WITH THE OWNERS REPRESENTATIVE IN REGARDS TO THE LOCATION, SIZE AND QUANTITY OF ALL CONDUITS FOR UTILITIES, IRRIGATION, LIGHTING AND OTHER IMPROVEMENTS PRIOR TO CONSTRUCTION OF THE ROADWAY SUBGRADE. CASING AND/OR CONDUIT SHALL HAVE A MINIMUM OF 30" COVER, EXTEND 5' BEYOND THE EDGE OF PAVEMENT, BACK OF CURB AND/OR SIDEWALK AT EACH END, AND ENDS SHALL BE SEALED AND DENOTED WITH MARKING TAPE
21. CONTRACTOR SHALL NOTIFY THE ENGINEER 24 HOURS PRIOR TO PLACING SOD ON AREAS THAT REQUIRE CRITICAL MINIMUM OR MAXIMUM ELEVATIONS IN ORDER FOR ENGINEER TO VERIFY SUCH ELEVATIONS. THE OBLIGATION TO ACHIEVE MINIMUM ELEVATIONS REMAINS WITH THE CONTRACTOR.
22. SOD A 12" STRIP ADJACENT TO ALL PAVEMENT PER F.D.O.T. REQUIREMENTS. SOD ALL UNPAVED DISTURBED AREAS WITHIN F.D.O.T. RIGHT OF WAY. ALL OTHER UNPAVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE SEEDED, FERTILIZED AND MULCHED UNLESS NOTED OTHERWISE.
23. THE CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL ENCOUNTERED FROM FILL AREAS PRIOR TO PLACEMENT OF FILL, AND SUCH MATERIAL SHALL BE STOCKPILED OR REMOVED AS DIRECTED BY OWNER.
24. THE PROPERTY OWNER OR DESIGNATED AUTHORITY IS RESPONSIBLE FOR THE PERPETUAL MAINTENANCE OF ALL FEATURES OF THE SURFACE WATER MANAGEMENT SYSTEM AS SHOWN IN THESE DRAWINGS AND AS REQUIRED BY LOCAL, STATE AND FEDERAL PERMITS. IT IS FURTHER RECOMMENDED THAT THE SURFACE WATER MANAGEMENT SYSTEM BE INSPECTED SEMI-ANNUALLY.
25. CONTRACTOR SHALL VERIFY DESIGN DETAILS WITH ENGINEER PRIOR TO ORDERING STRUCTURES. STRUCTURE TYPES LABELED ON THE PLANS FOR ITEMS SUCH AS JUNCTION BOXES AND INLETS MAY ONLY BE A REFERENCE TO THE TOP OF THE STRUCTURE. CERTAIN STRUCTURE TYPES REQUIRE A LARGER BOTTOM TO ACCOMMODATE LARGER PIPE SIZES AND/OR PIPE ANGLES. THE APPROPRIATE SIZE AND SHAPE OF THE BOTTOM OF THE STRUCTURE SHALL BE DETERMINED BY THE CONTRACTOR WITH CONSIDERATION GIVEN TO ADJACENT EXISTING OR PROPOSED UTILITIES. THE COST FOR THE ENTIRE STRUCTURE IS INCLUDED IN THE UNIT PRICE FOR THE PRIMARY STRUCTURE.
26. STORM DRAIN PIPE LENGTHS ARE APPROXIMATE AND HAVE BEEN MEASURED FROM INSIDE FACE OF STRUCTURE. SANITARY SEWER PIPE LENGTHS ARE APPROXIMATE AND ARE MEASURED FROM THE CENTER OF STRUCTURE.
27. CONTRACTOR SHALL MAINTAIN MINIMUM SEPARATION BETWEEN UTILITIES AS SHOWN ON "UTILITY LOCATION DETAIL" AND IN ACCORDANCE WITH APPLICABLE LOCAL UTILITY SERVICE PROVIDER REQUIREMENTS.
28. 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 IN ACCORDANCE WITH ALL A.W.W.A. APPLICABLE STANDARDS.
29. CONTRACTOR TO COORDINATE WITH ALL OTHER CONTRACTORS WORKING ON THE PROJECT SITE, THE OWNERS' REPRESENTATIVE AND WITH ELECTRIC, TELEPHONE AND CABLE COMPANIES TO ASSURE THAT NO SANITARY SEWER, WATERLINE OR IRRIGATION SERVICES ARE INSTALLED UNDER PROPOSED TRANSFORMERS.
30. DEFLECTION TESTING IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS FOR GRAVITY SEWER MAY NOT BE UNDERTAKEN UNTIL 30 DAYS AFTER FINAL BACKFILLING OF THE TRENCH IS COMPLETE. SEWER DEFLECTION MAY NOT EXCEED THE MAXIMUM PROVIDED IN THE TECHNICAL SPECIFICATIONS OR 5%, WHICHEVER IS LESS.
31. 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 PULLING DEVICES.
32. NO VEGETATION OR OTHER OBSTRUCTIONS SHALL BE PLACED SO AS TO BLOCK ACCESS OR LINE OF SIGHT TO FIRE HYDRANTS, F.D.C, P.I.V, ETC. IN ACCORDANCE WITH LOCAL FIRE JURISDICTION AND / OR AS SHOWN IN DETAILS.
33. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FLORIDA FIRE CODE. SEPARATE PERMITS MAY BE REQUIRED FOR ANY DEDICATED FIRE LINE. UNDERGROUND FIRE LINES MUST MEET REQUIREMENT OF NFPA 24. CONTRACTOR TO VERIFY FIRE LINE SIZE WITH BUILDING PLANS PRIOR TO CONST.

SYMBOL LEGEND

NOTE: THE SYMBOLS REPRESENTED BELOW ARE STANDARDS UTILIZED BY THIS FIRM AND NOT ALL ARE REQUIRED FOR THE SUBJECT PROJECT.

DRAINAGE

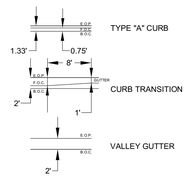
- VALLEY GUTTER INLET
- DITCH BOTTOM INLET
- DRAINAGE JUNCTION BOX
- MITERED END SECTION
- CONTROL STRUCTURE
- HEADWALL
- FLARED END SECTION
- TYPE 5 INLET (LEFT)
- TYPE 5 INLET (RIGHT)
- TYPE 6 INLET
- TYPE 9 INLET
- TYPE 10 INLET
- YARD DRAIN
- FLOW ARROW

UTILITIES

- 11.25° BEND
- 22.5° BEND
- 45° BEND
- 90° BEND
- TEE
- REDUCER
- AIR RELEASE VALVE
- WYE
- CROSS
- CAP OR PLUG
- BACTERIOLOGICAL SAMPLE POINT
- PERMANENT BLOW OFF ASSEMBLY
- TEMPORARY BLOW OFF ASSEMBLY
- 45° VERTICAL DEFLECTION
- GATE VALVE
- PLUG VALVE
- SANITARY SEWER MANHOLE
- SINGLE SANITARY SEWER SERVICE
- DOUBLE SANITARY SEWER SERVICE
- CLEANOUT
- PUMP STATION
- SINGLE IRRIGATION SERVICE
- DOUBLE IRRIGATION SERVICE
- SINGLE WATER SERVICE
- DOUBLE WATER SERVICE
- FIRE HYDRANT ASSEMBLY (PLAN VIEW)
- FIRE HYDRANT ASSEMBLY (PROFILE VIEW)
- GATE VALVE (PROFILE VIEW)

STANDARD CURB TYPES

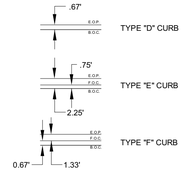
SEE F.D.O.T. INDEX 300 FOR ADDITIONAL DETAILS



TYPE "A" CURB

CURB TRANSITION

VALLEY GUTTER



TYPE "D" CURB

TYPE "E" CURB

TYPE "F" CURB

SIGNAGE AND MARKINGS

- SIGN (PLAN VIEW)
- CONSERVATION SIGN LOCATION NOTE: FINAL LOCATIONS TO BE FIELD LOCATED AFTER CONSTRUCTION WITH WATER MANAGEMENT DISTRICT STAFF.
- HANDICAP SYMBOL
- MODEL HOMES, MODEL UNITS, MODEL DISPLAY CENTERS.
- "NO MOWING/HERBICIDING" SIGN ALONG LAKE SHORELINE
- LEFT ONLY
- RIGHT ONLY
- LEFT OR RIGHT
- STRAIGHT OR RIGHT
- STRAIGHT OR LEFT
- STRAIGHT, LEFT OR RIGHT
- STRAIGHT

IDENTIFICATION

- LOT NUMBER
- BUILDING ID NUMBER
- STORM STRUCTURE I.D.
- SANITARY STRUCTURE I.D.
- FIRE HYDRANT LABEL
- SOIL BORING LOCATION
- SECTION LABEL
- NORTH ARROW
- BAR SCALE



APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

EROSION CONTROL

NOTE: SEE EROSION CONTROL DETAILS FOR ADDITIONAL INFORMATION.

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

SURVEYING

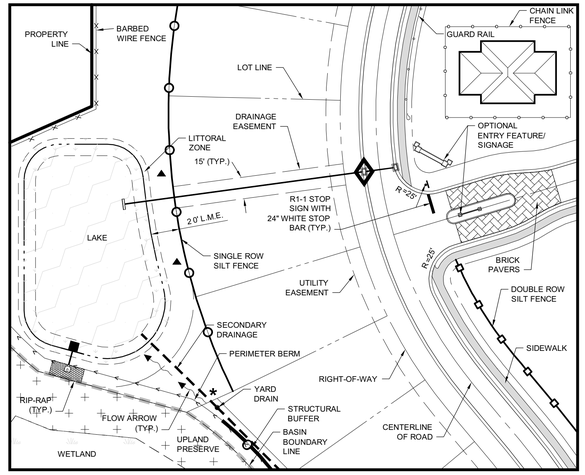
- FOUND NAIL AS NOTED
- SET 1/2" IRON ROD WITH CAP STAMPED LB6940
- SET 4"x4" CONC. MONUMENT STAMPED LB6940
- SET P.K. NAIL WITH DISC STAMPED LB6940
- FOUND CONC. MONUMENT AS NOTED
- FOUND IRON PIPE OR IRON ROD AS NOTED
- DRAINAGE INLET
- DRAINAGE MANHOLE
- MITERED END SECTION
- LIGHT POLE
- CONCRETE POWER POLE
- WOOD POWER POLE
- GUY ANCHOR
- GAS LINE MARKER
- TELEPHONE RISER
- WATER BOX
- ELECTRIC BOX
- SIGN
- FIRE HYDRANT
- WATER VALVE
- SANITARY MANHOLE
- SANITARY CLEAN OUT
- SANITARY SEWER VALVE
- BENCH MARK

QUANTITIES AND PAYMENT

CONTRACTOR SHALL REFER TO THE BID TABULATION AND PROJECT TECHNICAL SPECIFICATIONS FOR NOTES REGARDING THE METHOD OF PAYMENT FOR SPECIFIC PAY ITEMS. ITEMS NOT SPECIFICALLY REFERENCED IN THE SPECIFICATIONS OR BID TABULATION SHALL BE PAID FOR PER THE LATEST VERSIONS OF THE APPROPRIATE F.D.O.T. DESIGN STANDARDS INDEX AND F.D.O.T. STANDARD SPECIFICATION SECTION.

LINETYPE AND HATCHING LEGEND

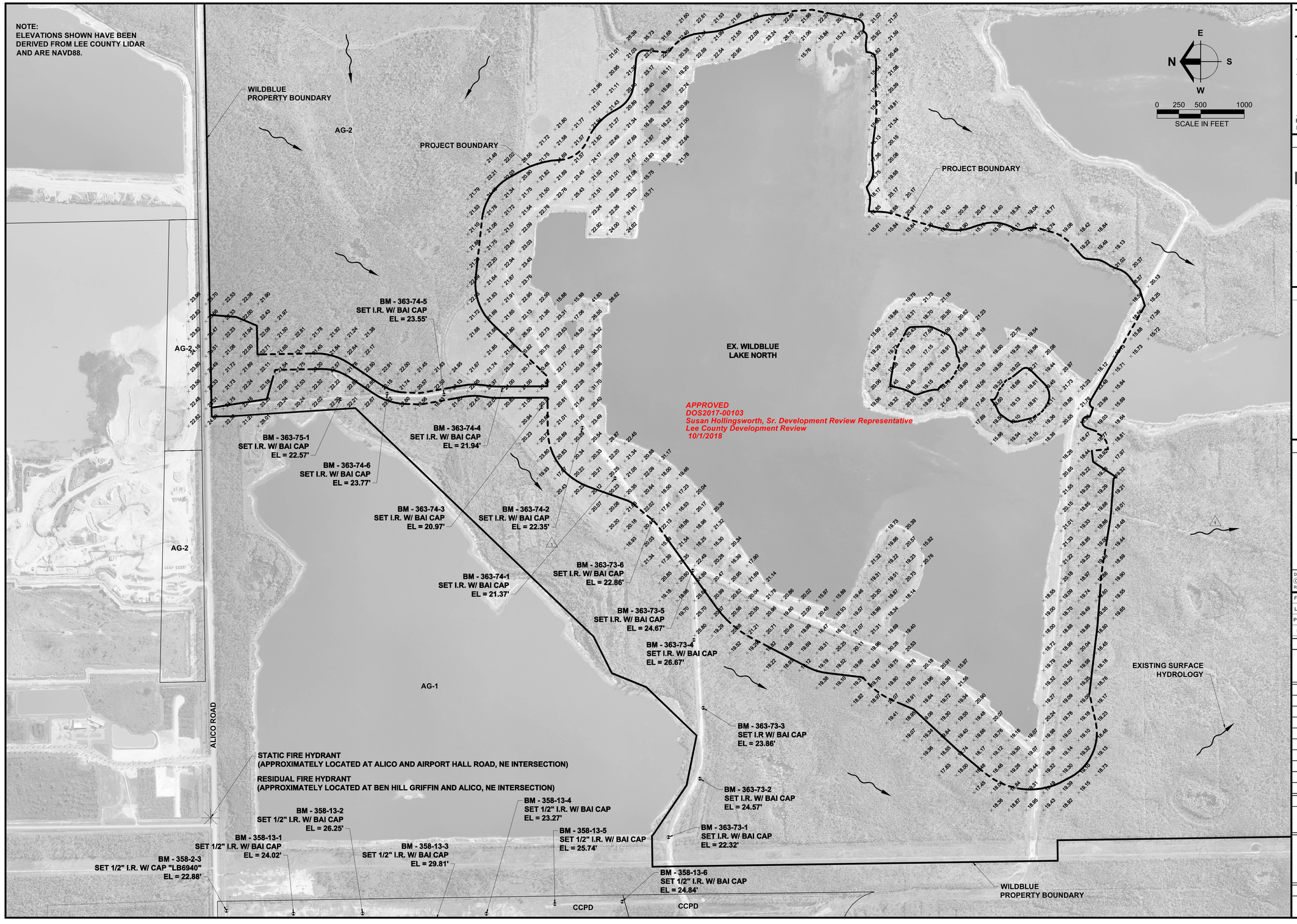
NOTE: THE DRAWING BELOW IS PROVIDED AS ONLY AN EXAMPLE OF STANDARD LINETYPES AND HATCHING UTILIZED BY THIS FIRM AND IS NOT REPRESENTATIVE OF THE SUBJECT PROJECT.



STANDARD STREET SIGNS

THE SIGN LEGEND BELOW IS PROVIDED AS A GRAPHICAL REFERENCE TO ONE OR MORE OF THE SIGNS REQUIRED FOR THIS PROJECT. THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) SHOULD BE REFERENCED FOR SPECIFIC DETAILS AND LOCATION REQUIREMENTS.

- R1-1 — STOP SIGN - ALL STOP SIGNS SHALL INCLUDE A 24" WIDE PAINTED STOP BAR OR CONTRASTING COLOR OF BRICK PAVERS
- R1-2 — YIELD SIGN
- R5-1 — DO NOT ENTER SIGN
- FTP-20-04 — HANDICAP PARKING SIGN
- FTP-22-04
- R2-1 — SPEED LIMIT SIGN
- R4-7 — KEEP RIGHT SIGN
- OM4-1 — PRESERVE SIGN
- W1-6L — LARGE LEFT ARROW (ONE DIRECTION) SIGN
- W1-6R — LARGE RIGHT ARROW (ONE DIRECTION) SIGN
- W1-7 — TWO-DIRECTION LARGE ARRO



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FLORIDA CERTIFICATES OF AUTHORIZATION
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PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
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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FILE NAME	23675A06.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 11:53 AM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

3-30-18	DO COMMENTS DATED 12-21-17 (1)

PLAN STATUS

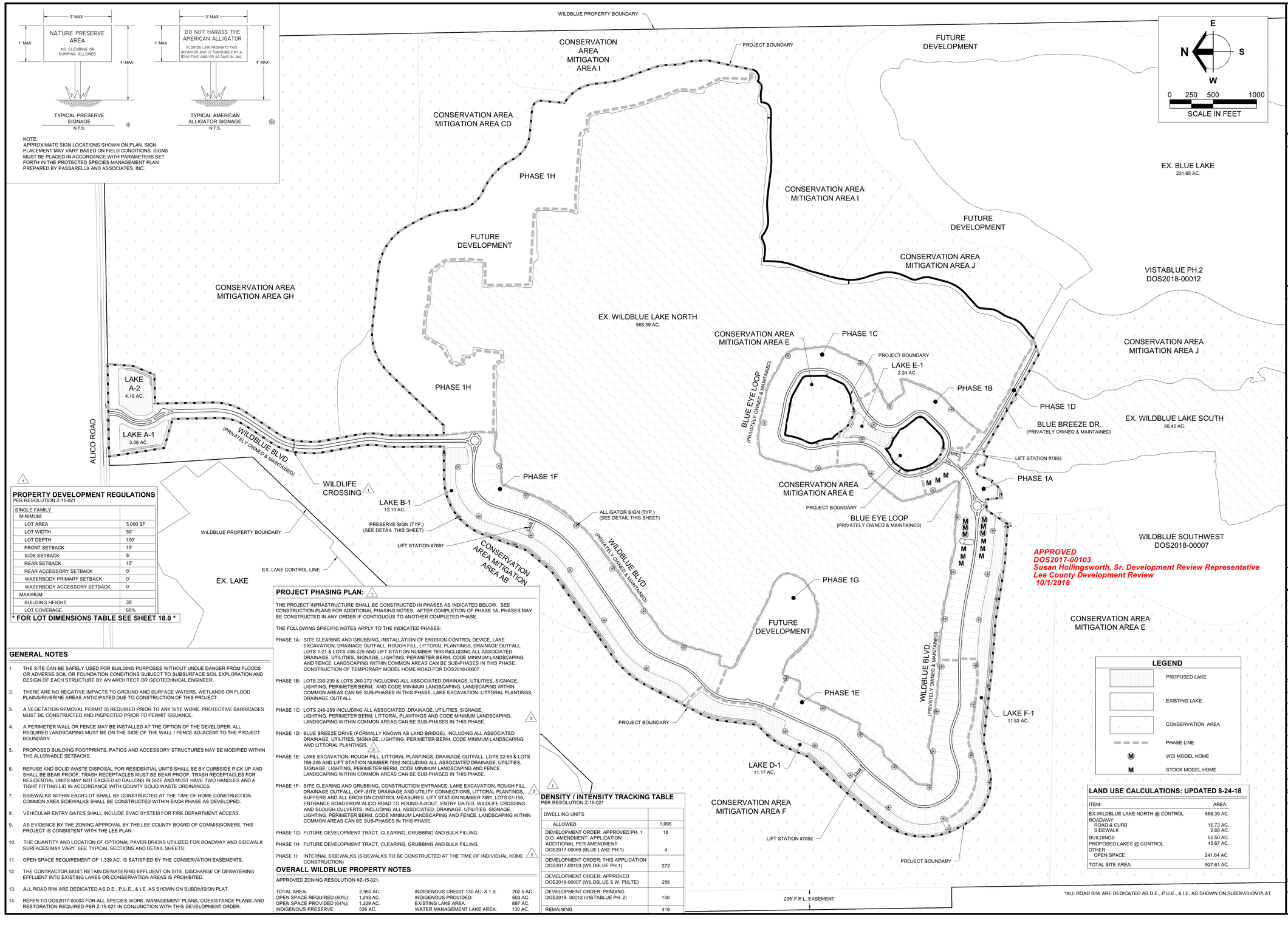
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

AERIAL PHOTOGRAPH AND EXISTING CONDITIONS PLAN

PROJECT / FILE NO.	SHEET NUMBER
23675	3.0

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.



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, COEXISTANCE PLANS, AND RESTORATION REQUIRED PER Z-15-021 IN CONJUNCTION WITH THIS DEVELOPMENT ORDER.

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 1A, PHASES MAY BE CONSTRUCTED IN ANY ORDER IF CONTIGUOUS TO ANOTHER COMPLETED PHASE.

THE FOLLOWING SPECIFIC NOTES APPLY TO THE INDICATED PHASES:

PHASE 1A: SITE CLEARING AND GRUBBING, INSTALLATION OF EROSION CONTROL DEVICE, LAKE EXCAVATION, DRAINAGE OUTFALL, ROUGH FILL, LITTORAL PLANTINGS, DRAINAGE OUTFALL. LOTS 1-21 & LOTS 206-229 AND LIFT STATION NUMBER 7893 INCLUDING ALL ASSOCIATED DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND FENCE. LANDSCAPING WITHIN COMMON AREAS CAN BE SUB-PHASES IN THIS PHASE. CONSTRUCTION OF TEMPORARY MODEL HOME ROAD FOR DOS2018-00007.

PHASE 1B: LOTS 230-239 & LOTS 260-272 INCLUDING ALL ASSOCIATED DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, AND CODE MINIMUM LANDSCAPING. LANDSCAPING WITHIN COMMON AREAS CAN BE SUB-PHASES IN THIS PHASE. LAKE EXCAVATION. LITTORAL PLANTINGS, DRAINAGE OUTFALL.

PHASE 1C: LOTS 240-259 INCLUDING ALL ASSOCIATED ,DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, LITTORAL PLANTINGS AND CODE MINIMUM LANDSCAPING. LANDSCAPING WITHIN COMMON AREAS CAN BE SUB-PHASES IN THIS PHASE. 3

PHASE 1D: BLUE BREEZE DRIVE (FORMALLY KNOWN AS LAND BRIDGE). INCLUDING ALL ASSOCIATED DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND LITTORAL PLANTINGS. 3

PHASE 1E: LAKE EXCAVATION, ROUGH FILL, LITTORAL PLANTINGS, DRAINAGE OUTFALL. LOTS 22-66 & LOTS 159-205 AND LIFT STATION NUMBER 7892 INCLUDING ALL ASSOCIATED 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, CONSTRUCTION ENTRANCE, LAKE EXCAVATION, ROUGH FILL, DRAINAGE OUTFALL, OFF-SITE DRAINAGE AND UTILITY CONNECTIONS, LITTORAL PLANTINGS, BUFFERS AND ALL EROSION CONTROL MEASURES. LIFT STATION NUMBER 7891, LOTS 67-158, ENTRANCE ROAD FROM ALICO ROAD TO ROUND-A-BOUT, ENTRY GATES, WILDLIFE CROSSING AND SLOUGH CULVERTS. INCLUDING ALL ASSOCIATED, DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND FENCE. LANDSCAPING WITHIN COMMON AREAS CAN BE SUB-PHASES IN THIS PHASE. 3

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

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

PHASE 1I: INTERNAL SIDEWALKS (SIDEWALKS TO BE CONSTRUCTED AT THE TIME OF INDIVIDUAL HOME CONSTRUCTION) 2

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.

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: PENDING DOS2018- 00012 (VISTABLUE PH. 2)	130
REMAINING	416

LEGEND

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

LAND USE CALCULATIONS: UPDATED 8-24-18

ITEM:	AREA
EX.WILDBLUE LAKE NORTH @ CONTROL	568.39 AC.
ROADWAY	
ROAD & CURB	16.73 AC.
SIDEWALK	2.68 AC.
BUILDINGS	52.50 AC.
PROPOSED LAKES @ CONTROL	45.67 AC.
OTHER	
OPEN SPACE	241.64 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

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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	23675A10.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 11:54 AM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

3-30-18	DO COMMENTS DATED 12-21-17	1
7-11-18	DO COMMENTS DATED 5-10-18	2
8-29-18	DO COMMENTS DATED 8-20-18	3

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

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
30 TOTAL PAVED SPACES

TEMPORARY MODEL HOME PARKING LOT
WHEEL STOP (TYP.)
(2) HANDICAP PARKING SIGN
CROSSWALK WARNING SIGN (W11-2)(W16-7pL)
2' DETECTABLE WARNING (TYP.)
HIGH VISIBILITY CROSSWALK
R1-1 WITH 24" WHITE STOP BAR (TYP.)
10' P.U.E.
47' R/W
5' SIDEWALK (TYP.)
WILDBLUE BLVD.
CROSSWALK WARNING SIGN (W11-2)(W16-7pL)
LITTORAL AREA
EXISTING LAKE CONTROL LINE (TYP.)
PROPOSE LAKE CONTROL LINE (TYP.)
BLUE EYE LOOP
BLUE BREEZE DRIVE
17.37' D.E.
15' D.E.
24" RCP
30" RCP
42" RCP
DF-20
DF-21
DF-22
DF-23
DF-24
DF-25
DF-26
DF-27
DF-28
DF-38
CS-F-3
EXISTING DF-49
LAKE F-1
C.E. = 19.50'
PROPOSE LAKE CONTROL LINE (TYP.)
20'
DOS2018-00007
DOS2018-00007

219	85' STOCK - MODEL	220	
221	85' STOCK - MODEL	222	
223	75' WCI - MODEL	224	
225	75' WCI - MODEL	226	
102' STOCK - MODEL	229	102' STOCK - MODEL	228
102' STOCK - MODEL	227		
8	85' STOCK - MODEL	7	
6	85' STOCK - MODEL	5	
4	75' WCI - MODEL	3	
2	75' WCI - MODEL	1	

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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CIVIL ENGINEERING - LAND SURVEYING
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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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MODEL HOME

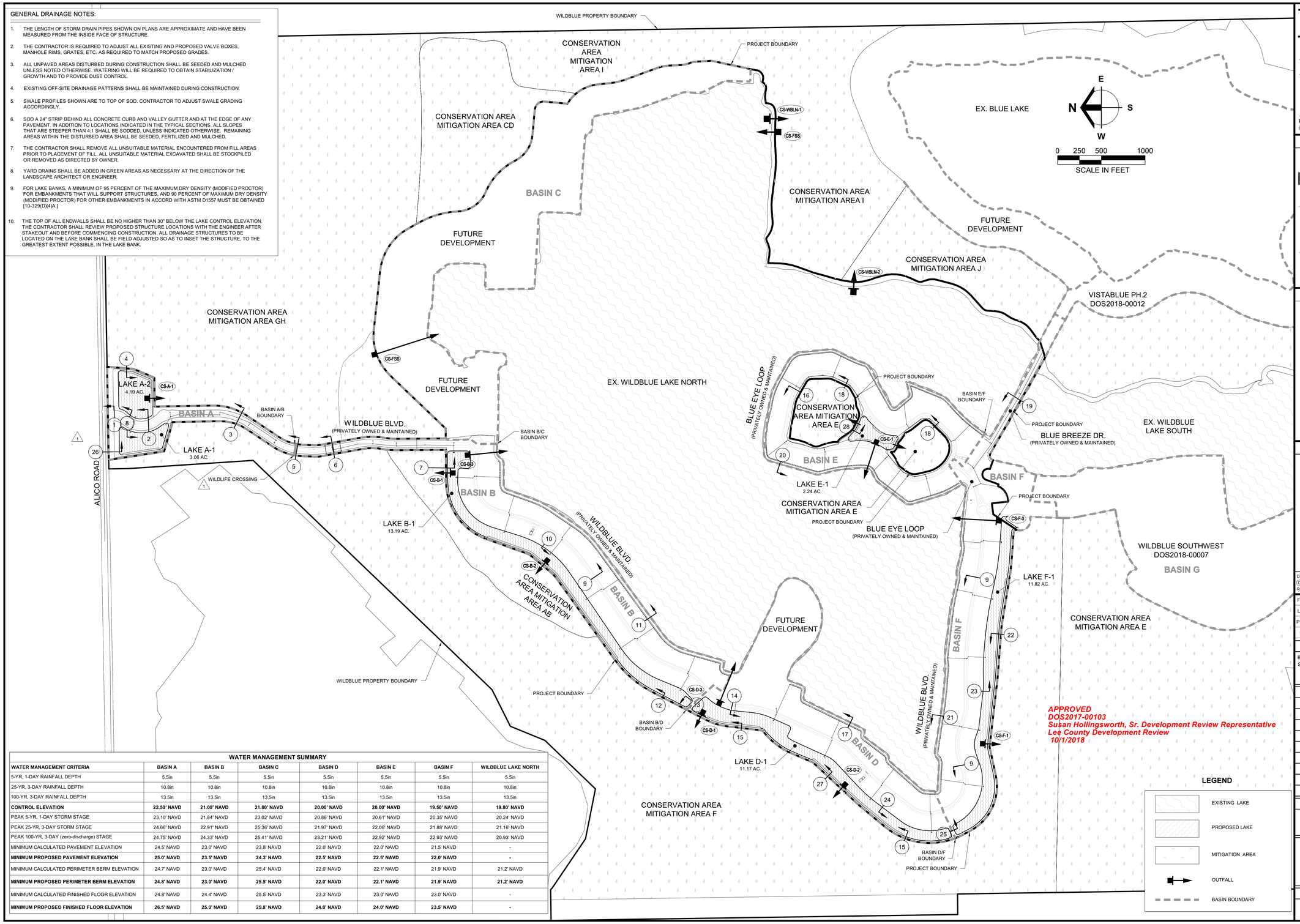
PARKING PLAN

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.



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Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

LEGEND

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

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**	**-**

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ENGINEER OF RECORD

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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. 1
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 8-27-18

WATERMAIN	LENGTH
24" STEEL CASING	79 L.F.
12" DR-18 PVC CARRIER PIPE	86 L.F.
12" DR-18 PVC	4,336 L.F.
10" DR-18 PVC	13,037 L.F.
10" D.I.P.	523 L.F.
8" DR-18 PVC	5,267 L.F.
6" D.I.P.	263 L.F.
SANITARY	**LENGTH**
8" SDR-26	16,530 L.F.
8" C-900 DR-18	350 L.F.
FORCEMAIN	**LENGTH**
8" DR-14 PVC	23 L.F.
6" DR-18 PVC	8,610 L.F.
6" DR-14 PVC	351 L.F.
4" DR-18 PVC	5,220 L.F.
4" DR-14 PVC	476 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 MANUFACTURER'S STANDARDS.

WATERLINE NOTES:

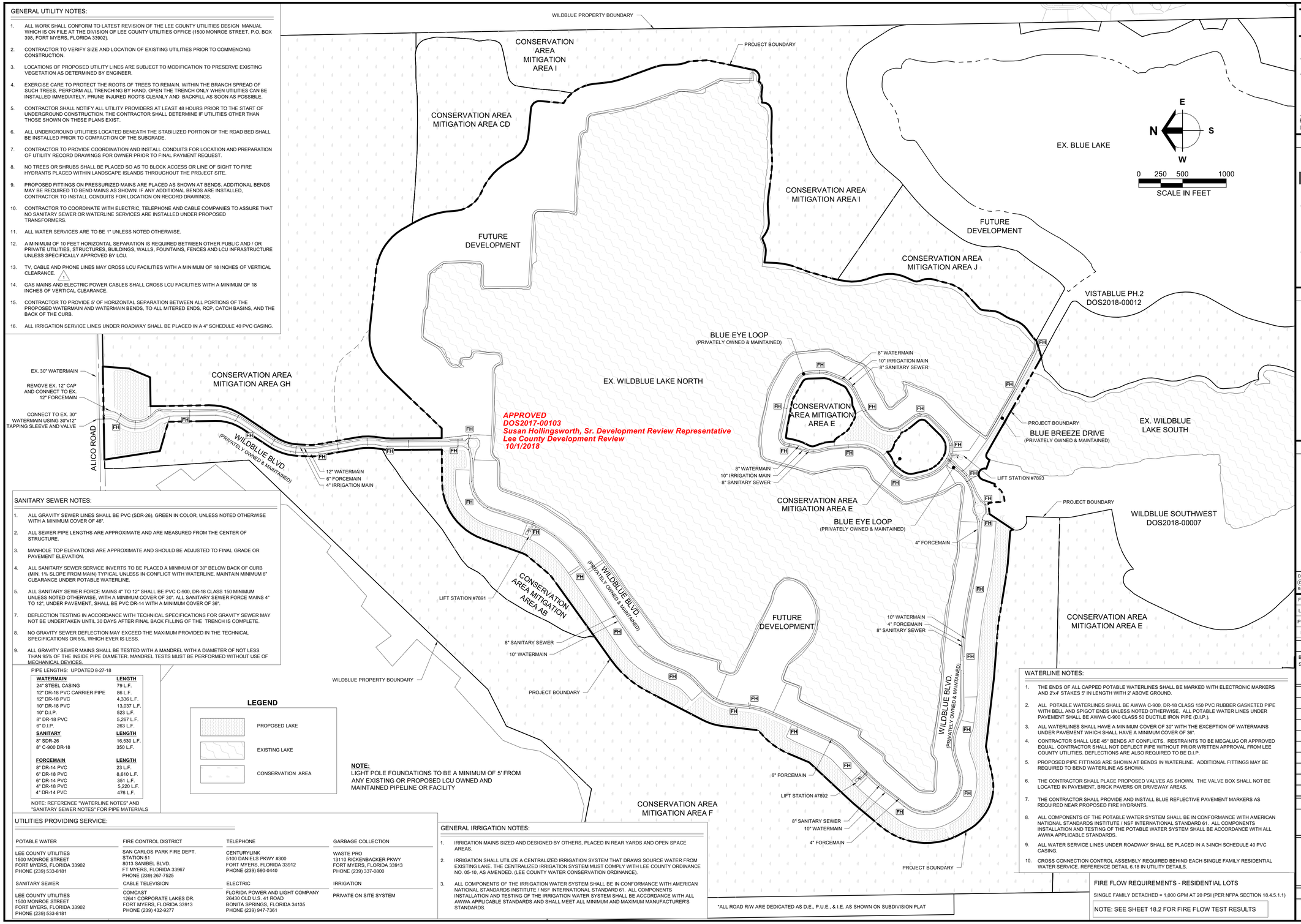
1. THE ENDS OF ALL CAPPED POTABLE WATERLINES SHALL BE MARKED WITH ELECTRONIC MARKERS AND 2'x4' STAKES 5' IN LENGTH WITH 2' ABOVE GROUND.
2. ALL POTABLE WATERLINES SHALL BE AWWA C-900, DR-18 CLASS 150 PVC RUBBER GASKETED PIPE WITH BELL AND SPIGOT ENDS UNLESS NOTED OTHERWISE. ALL POTABLE WATER LINES UNDER 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.

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

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



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MASTER UTILITY PLAN

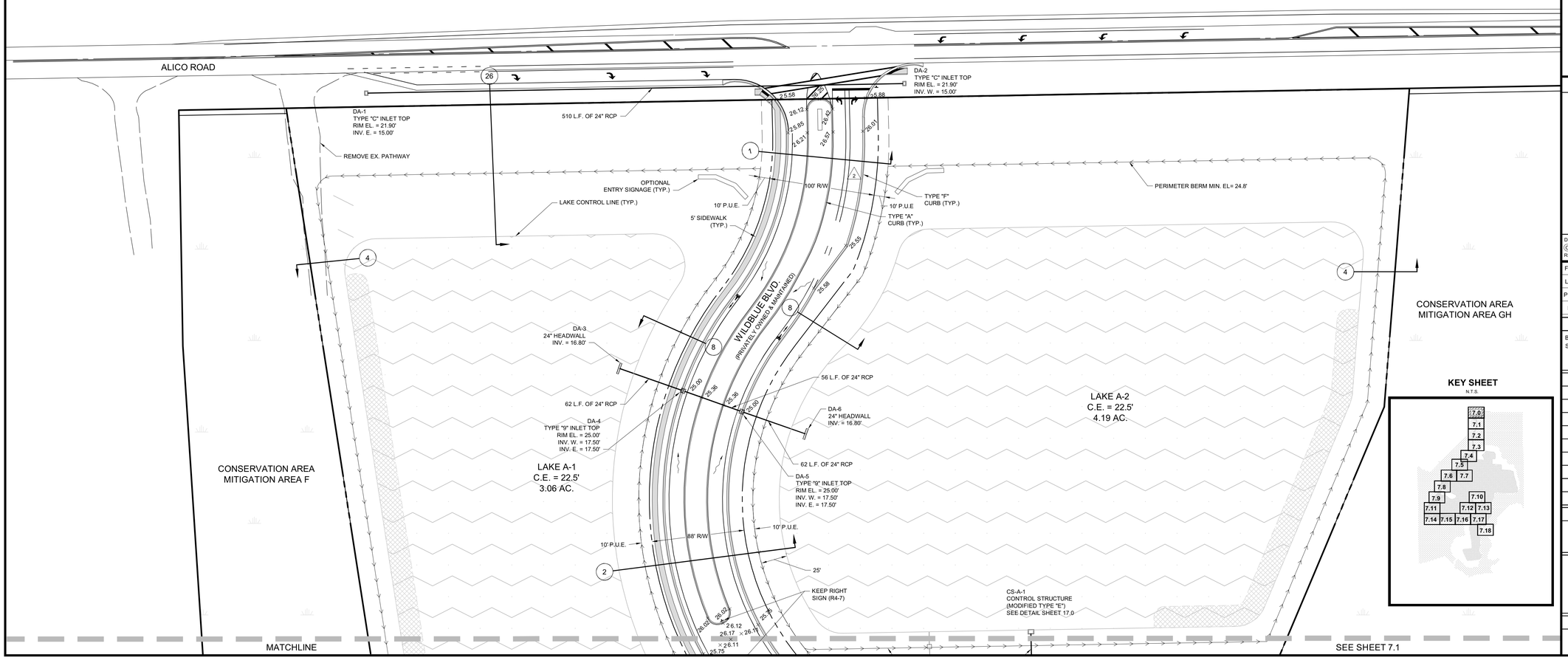
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NOTE:
FOR CONTROL STRUCTURES FSN, FSS, AND WEIR WALL DRAINAGE DETAILS SEE SHEET 17.1.

N
W E
S
0 25 50 100
SCALE IN FEET

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Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018



KEY SHEET
N.T.S.

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SURVEY = 23372S00.DWG

PLAN REVISIONS

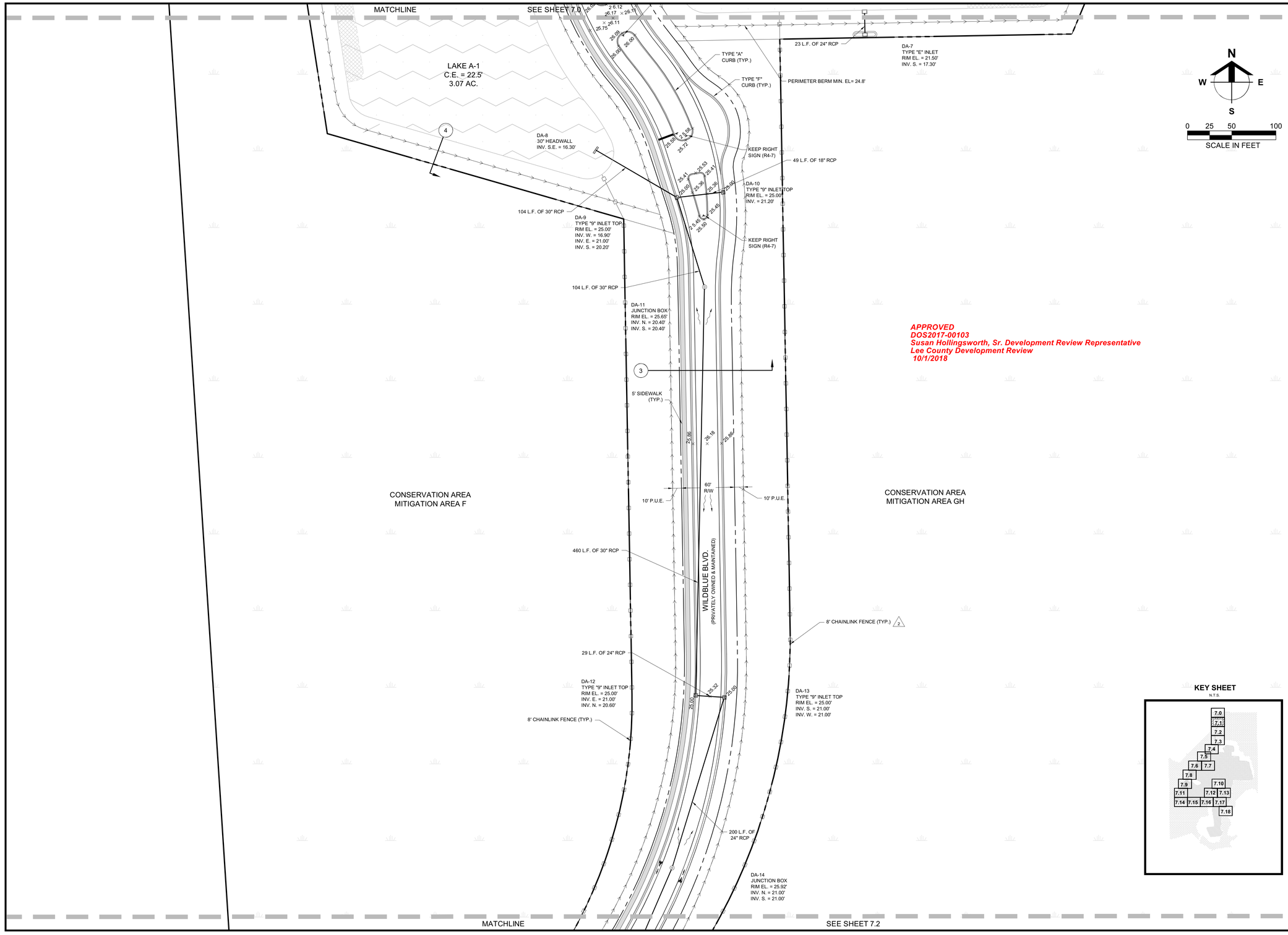
7-12-18	DO COMMENTS DATED 5-10-18 (2)

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	**7.0**



APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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\
PLOT DATE	THU. 9-6-2018 - 11:55 AM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

7-12-18	DO COMMENTS DATED 5-10-18 (2)

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.1

DOS2017-00103 Lee County ePlan

MATCHLINE

SEE SHEET 7.1

DA-15
TYPE "9" INLET TOP
RIM EL. = 25.32'
INV. E. = 21.20'

165 L.F. OF 24" RCP

DA-16
TYPE "9" INLET TOP
RIM EL. = 25.32'
INV. W. = 21.20'
INV. N. = 21.00'
INV. S. = 21.40'

29 L.F. OF 18" RCP

10' P.U.E.

60' R/W

10' P.U.E.

WILDBLUE BLVD.
(PRIVATELY OWNED & MAINTAINED)

348 L.F. OF 18" RCP

31 L.F. OF 18" RCP

DA-17
TYPE "S" INLET TOP
RIM EL. = 30.16'
INV. S.E. = 26.30'

PERIMETER BERM MIN. EL= 24.8'

8' CHAINLINK FENCE (TYP.)

DA-18
TYPE "S" INLET TOP
RIM EL. = 30.16'
INV. N.W. = 26.10'
INV. N.E. = 26.10'

8' CHAINLINK FENCE (TYP.)

CONSERVATION AREA
MITIGATION AREA F

TYPE "F"
CURB (TYP.)

5' SIDEWALK
(TYP.)

RETAINING WALL
(DESIGN BY OTHERS)

CONSERVATION AREA
MITIGATION AREA GH

8'X10' BOX CULVERT
WILDLIFE CROSSING

PERIMETER BERM MIN. EL= 23.0'

EX. 102 L.F. OF 42" RCP

EX. DOUBLE 42" HEADWALL
INV. = 17.00'

EX. DOUBLE 42" HEADWALL
INV. = 17.00'

EX. 102 L.F. OF 42" RCP

DB-2

MATCHLINE

SEE SHEET 7.3

N

W E

S

0 25 50 100

SCALE IN FEET

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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

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SURVEY = 23372S00.DWG

PLAN REVISIONS

3-30-18	DO COMMENTS DATED 12-21-17 (1)

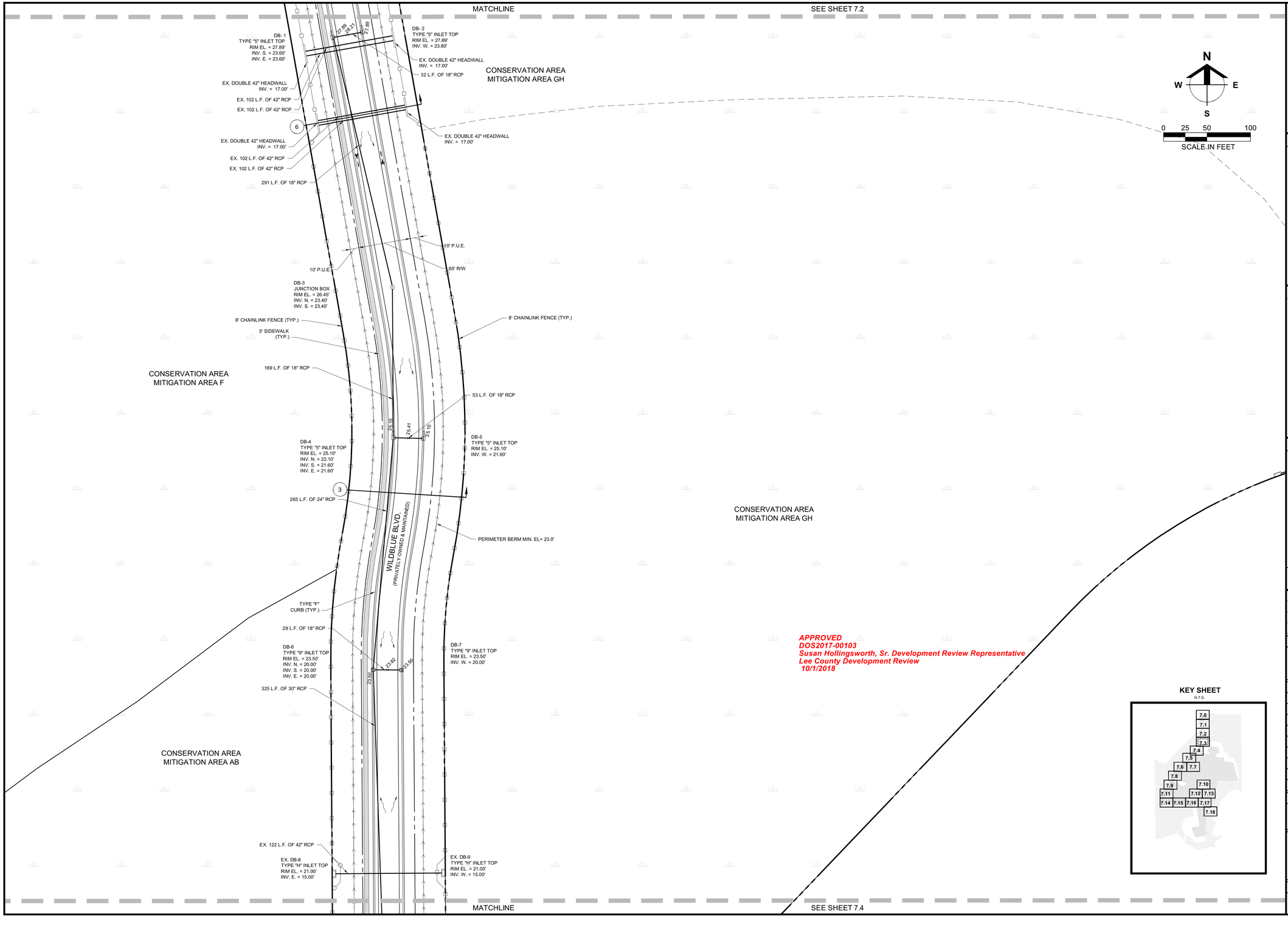
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.2

DOS2017-00103 Lee County ePlan



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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.3

DOS2017-00103 Lee County ePlan

MATCHLINE

SEE SHEET 7.3

CONSERVATION AREA
MITIGATION AREA F

CONSERVATION AREA
MITIGATION AREA AB

CONSERVATION AREA
MITIGATION AREA GH

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

N
W E
S

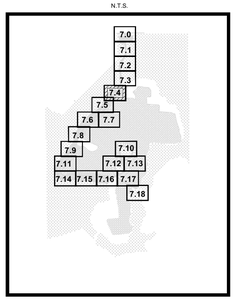
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SCALE IN FEET

10' P.U.E.
60' R/W
10' P.U.E.
DB-10
JUNCTION BOX
RIM EL. = 24.67'
INV. N. = 20.00'
INV. S. = 18.50'
24.49
24.81
24.40
325 L.F. OF 30" RCP
3
8' CHAINLINK FENCE (TYP.) 3
CONSERVATION LINE
(TYP.)
DB-14
TYPE "E" INLET TOP
RIM EL. = 20.00'
INV. S. = 16.50'
PERIMETER BERM MIN. EL= 23.0'
LAKE CONTROL LINE (TYP.)
7
11 L.F. OF 24" RCP
CS-B-1
CONTROL STRUCTURE
(MODIFIED TYPE "E")
SEE DETAIL SHEET 17.0
CROSSWALK
WARNING SIGN
(W11-2)
29 L.F. OF 18" RCP
79 L.F. OF 36" RCP
DB-11
36" HEADWALL
INV. E. = 14.80'
23.30
23.92
23.60
DB-13
TYPE "S" INLET TOP
RIM EL. = 23.50'
INV. W. = 16.70'
DB-15
30" HEADWALL
INV. = 14.70'
LAKE B-1
C.E. = 21.0'
13.18 AC.
DB-12
TYPE "S"
INLET TOP
RIM EL. = 23.50'
INV. E. = 16.70'
INV. W. = 15.10'
INV. N. = 18.30'
10'
P.U.E.
80'
R/W
10'
P.U.E.
WILDBLUE BLVD.
(PRIVATELY OWNED & MAINTAINED)
5' CONCRETE
SIDEWALK
8' CURB
TRANSITION
CROSSWALK
WARNING SIGN
(W11-2)(W16-7pL)
YIELD SIGN
(R1-2)
TYPE "A" CURB
(TYP.)
CS-B-3
CONTROL STRUCTURE
(MODIFIED TYPE "H")
SEE DETAIL SHEET 17.0
TYPE "F"
CURB (TYP.)
CROSSWALK
WARNING SIGN
(W11-2)(W16-7pL)
8' CURB
TRANSITION
FUTURE
DEVELOPMENT
191 L.F. OF 30" RCP
23.46
23.22
23.43
20'
23.69
23.93
10
15' D.E.
LOT LINE
(TYP.)
110
F.F.E. = 25.6'
111
F.F.E. = 25.5'
109
F.F.E. = 25.8'
108
F.F.E. = 26.0'
DB-16
JUNCTION BOX
RIM EL. = 23.70'
INV. N. = 15.70'
INV. S.E. = 15.80'
24.53
24.76
24.29
DB-17
VALLEY GUTTER
INLET TOP
RIM EL. = 23.50'
INV. S. = 17.10'
INV. N.= 15.80'
24.50
KEEP RIGHT SIGN
(R4-7)
8' CURB
TRANSITION
END OF ROADWAY
SIGNS (OM4-1)
25.00
24.14
10' P.U.E.
WILDBLUE BLVD.
(PRIVATELY OWNED & MAINTAINED)
23.72
23.93
23.50
23.72
23.50
22'
9
107
F.F.E. = 26.3'
5' SIDEWALK
(TYP.)
LOT LINE
(TYP.)
25.21
24.45
47'
R/W
24 L.F. OF 30" RCP
22 L.F. OF 24" RCP
23.97
23.94
24.45
YIELD SIGN
(R1-2)
24.73
25.40
25.50
25.95
25.69
25.80
25.25
25.40
DIRECTIONAL ARROWS
(R6-4)
25.95
25.84
25.10
25.00
25.40
LAKE CONTROL LINE (TYP.)
23.90
106
F.F.E. = 26.3'
10' P.U.E.
262 L.F. OF 18" RCP
VALLEY GUTTER
CURB (TYP.)
8' CURB
TRANSITION
24.72
25.12
25.09
25.52
24.97
24.45
24.60
24.72
24.50
15' D.E.
LITTORAL AREA
(TYP.)
105
F.F.E. = 26.0'
VALLEY GUTTER
CURB (TYP.)
115
F.F.E. = 26.1'
114
F.F.E. = 25.6'
113
F.F.E. = 25.6'
112
F.F.E. = 28.0'
OPEN SPACE
TRACT
331 L.F. OF 42" RCP
23.68
24.73
24.22
24.46
25.37
116
F.F.E. = 26.1'
LOT LINE
(TYP.)
104
F.F.E. = 25.8'
DB-19
TYPE "C" INLET TOP
RIM EL. = 22.50'
INV. N. = 19.50'
INV. W = 19.50'
INV. E. = 19.50'
38 L.F. OF 8" ADS
11
25' D.E.
REAR YARD
DRAIN SWALE
YD-1
DB-42
42" HEADWALL
INV. = 10.90'
23.40
24.47
210 L.F. OF 30" RCP
117
F.F.E. = 25.9'
YD-5
YD-4
YD-3
YD-2
52 L.F. OF 12" ADS
103 L.F. OF 8" ADS
20'
EX. WILDBLUE LAKE
NORTH
C.E. = 19.8'
568.39 AC.
103
F.F.E. = 25.5'
15' D.E.
210 L.F. OF 30" RCP
DB-20
30" HEADWALL
INV. S.E. = 15.30'
75 L.F. OF 8" ADS
85 L.F. OF 12" ADS
PERIMETER BERM MIN. EL= 23.5'
PROPOSED LAKE CONTROL LINE (TYP.)
EX. LAKE CONTROL LINE (TYP.)
LITTORAL AREA
(TYP.)
118
F.F.E. = 25.5'
84 L.F. OF 12" ADS
DB-21
VALLEY GUTTER
194 L.F. OF 18" RCP

MATCHLINE

SEE SHEET 7.5

KEY SHEET
N.T.S.



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WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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CROSS REFERENCED DRAWINGS

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SURVEY = 23372S00.DWG

PLAN REVISIONS

8-24-18	DO COMMENTS DATED 8-20-18 3

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.4

DOS2017-00103 Lee County ePlan

N
W E
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0 25 50 100
SCALE IN FEET

CONSERVATION LINE (TYP.)
PERIMETER BERM MIN. EL= 23.0'
LITTORAL AREA (TYP.)
CONSERVATION AREA
MITIGATION AREA AB

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

MATCHLINE
SEE SHEET 7.4

LAKE B-1
C.E. = 21.0'
13.18 AC.

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

WILDBLUE BLVD.
(PRIVATELY OWNED & MAINTAINED)

OPEN SPACE TRACT

LOT LINE (TYP.)

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

DB-20 30" HEADWALL INV. S.E. = 15.30'
210 L.F. OF 30" RCP
15' D.E.
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
DB-23 TYPE "C" INLET TOP RIM EL.= 22.50' INV. S. = 19.50' INV. N. = 19.50' INV. W. = 19.50'
75 L.F. OF 8" ADS
84 L.F. OF 12" ADS
194 L.F. OF 18" RCP
84 L.F. OF 12" ADS
YD-5
YD-6
YD-7
YD-8
YD-9
YD-10
YD-11
YD-12
YD-13
YD-14
LAKE CONTROL LINE (TYP.)
IRRIGATION PUMP STATION WITH 8' CHAINLINK FENCE
8' CHAINLINK FENCE
SIDEWALK EASEMENT (TYP.)
LIFT STATION 7891
(2) - 22' PARKING SPACES
29' D.E.
91 L.F. OF 8" ADS
LITTORAL AREA (TYP.)
25' D.E.
MAIL KIOSK
REAR YARD DRAIN SWALE
VALLEY GUTTER CURB (TYP.)
5' SIDEWALK (TYP.)
94 L.F. OF 8" ADS
93 L.F. OF 12" ADS
PROPOSED LAKE CONTROL LINE (TYP.)
93 L.F. OF 12" ADS
162 L.F. OF 24" RCP
EX. LAKE CONTROL LINE
94 L.F. OF 18" ADS
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'
94 L.F. OF 12" ADS
DB-24 TYPE "E" INLET TOP RIM EL. = 22.50' 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'
25 L.F. OF 30" RCP
210 L.F. OF 36" RCP
DB-26 VALLEY GUTTER INLET TOP RIM EL. = 23.50' INV. S.E. = 16.60' INV. N.W.= 15.20'
10' P.U.E.
47' R/W
DB-27 VALLEY GUTTER INLET TOP RIM EL. = 23.50' INV. S.E. = 16.70' INV. W.= 16.70'

MATCHLINE
SEE SHEET 7.6
MATCHLINE
SEE SHEET 7.7

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

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ENGINEER OF RECORD

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PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

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

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

PERIMETER BERM MIN. EL= 23.0'

LITTORAL AREA (TYP.)

CONSERVATION LINE (TYP.)

LAKE B-1
C.E. = 21.0'
13.18 AC.

DB-33
36" HEADWALL
INV. S.E. = 14.00'

15' D.E.

210 L.F. OF 36" RCP

DB-34
VALLEY GUTTER
INLET TOP
RIM EL. = 23.50'
INV. S.E. = 14.00'
INV. N.W.= 14.00'

26 L.F. OF 30" RCP

WILDBLUE BLVD.
(PRIVATELY OWNED & MAINTAINED)

DB-35
VALLEY GUTTER
INLET TOP
RIM EL. = 23.50'
INV. S.E. = 14.10'
INV. N.W.= 16.10'

15' D.E.

221 L.F. OF 24" RCP

5' SIDEWALK (TYP.)

LAKE CONTROL LINE (TYP.)

LOT LINE (TYP.)

VALLEY GUTTER CURB (TYP.)

REAR YARD DRAIN SWALE

69 L.F. OF 8" ADS

67 L.F. OF 12" ADS

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'

EX. LAKE CONTROL LINE

PERIMETER BERM MIN. EL= 23.5'

75 L.F. OF 18" ADS

65 L.F. OF 18" ADS

65 L.F. OF 12" ADS

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

DB-29
36" HEADWALL
INV. S.E. = 14.20'

210 L.F. OF 36" RCP

DB-30
VALLEY GUTTER
INLET TOP
RIM EL. = 23.50'
INV. S.E. = 18.60'
INV. NW.= 15.20'

26 L.F. OF 30" RCP

VALLEY GUTTER CURB (TYP.)

DB-31
VALLEY GUTTER
INLET TOP
RIM EL. = 23.50'
INV. S.E. = 18.60'
INV. N.W. = 18.60'
196 L.F. OF 24" RCP

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'

75 L.F. OF 18" ADS

74 L.F. OF 12" ADS

74 L.F. OF 8" ADS

PROPOSED LAKE CONTROL LINE (TYP.)

LITTORAL AREA (TYP.)

74 L.F. OF 8" ADS

74 L.F. OF 12" ADS

EX. LAKE CONTROL LINE

74 L.F. OF 12" ADS

PERIMETER BERM MIN. EL= 23.5'

75 L.F. OF 18" ADS

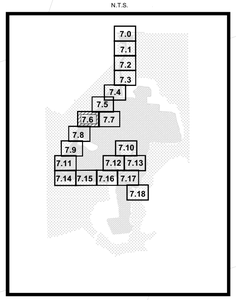
72	F.F.E. = 25.9'	79	F.F.E. = 25.5'
73	F.F.E. = 26.2'	80	F.F.E. = 25.5'
74	F.F.E. = 26.3'	81	F.F.E. = 25.8'
75	F.F.E. = 26.3'	82	F.F.E. = 26.0'
76	F.F.E. = 26.1'	83	F.F.E. = 26.2'
77	F.F.E. = 25.9'	84	F.F.E. = 26.2'
78	F.F.E. = 25.7'	85	F.F.E. = 26.1'
		86	F.F.E. = 25.9'
		87	F.F.E. = 25.7'
		88	F.F.E. = 25.5'
		89	F.F.E. = 25.5'
		90	F.F.E. = 25.8'
		91	F.F.E. = 26.0'
135	F.F.E. = 25.5'	139	F.F.E. = 26.2'
136	F.F.E. = 25.5'	140	F.F.E. = 26.2'
137	F.F.E. = 25.7'	141	F.F.E. = 26.2'
138	F.F.E. = 25.9'	142	F.F.E. = 25.9'
		143	F.F.E. = 25.7'
		144	F.F.E. = 25.5'
		145	F.F.E. = 25.6'
		146	F.F.E. = 25.9'
		147	F.F.E. = 26.2'
		148	F.F.E. = 26.2'
		149	F.F.E. = 26.2'

SEE SHEET 7.7

MATCHLINE

SEE SHEET 7.8

KEY SHEET
N.T.S.



Barraco and Associates, Inc.
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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	23675A15.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 11:56 AM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

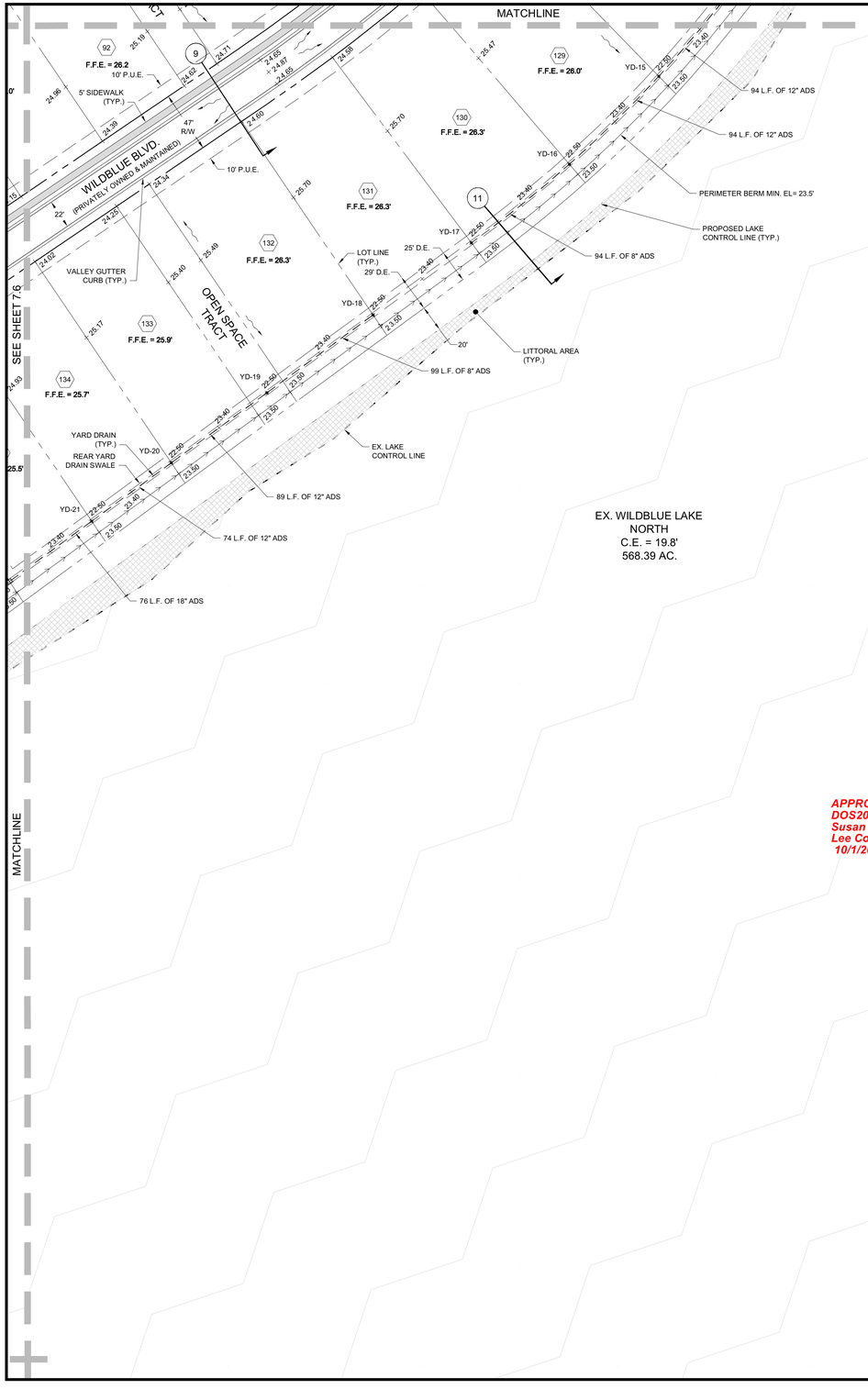
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.6

DOS2017-00103 Lee County ePlan

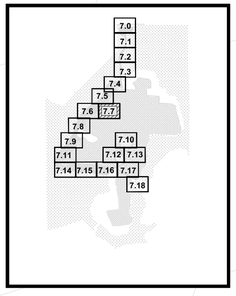


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SCALE IN FEET

APPROVED
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Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

KEY SHEET
N.T.S.



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PROJECT DESCRIPTION

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LEE COUNTY, FLORIDA

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

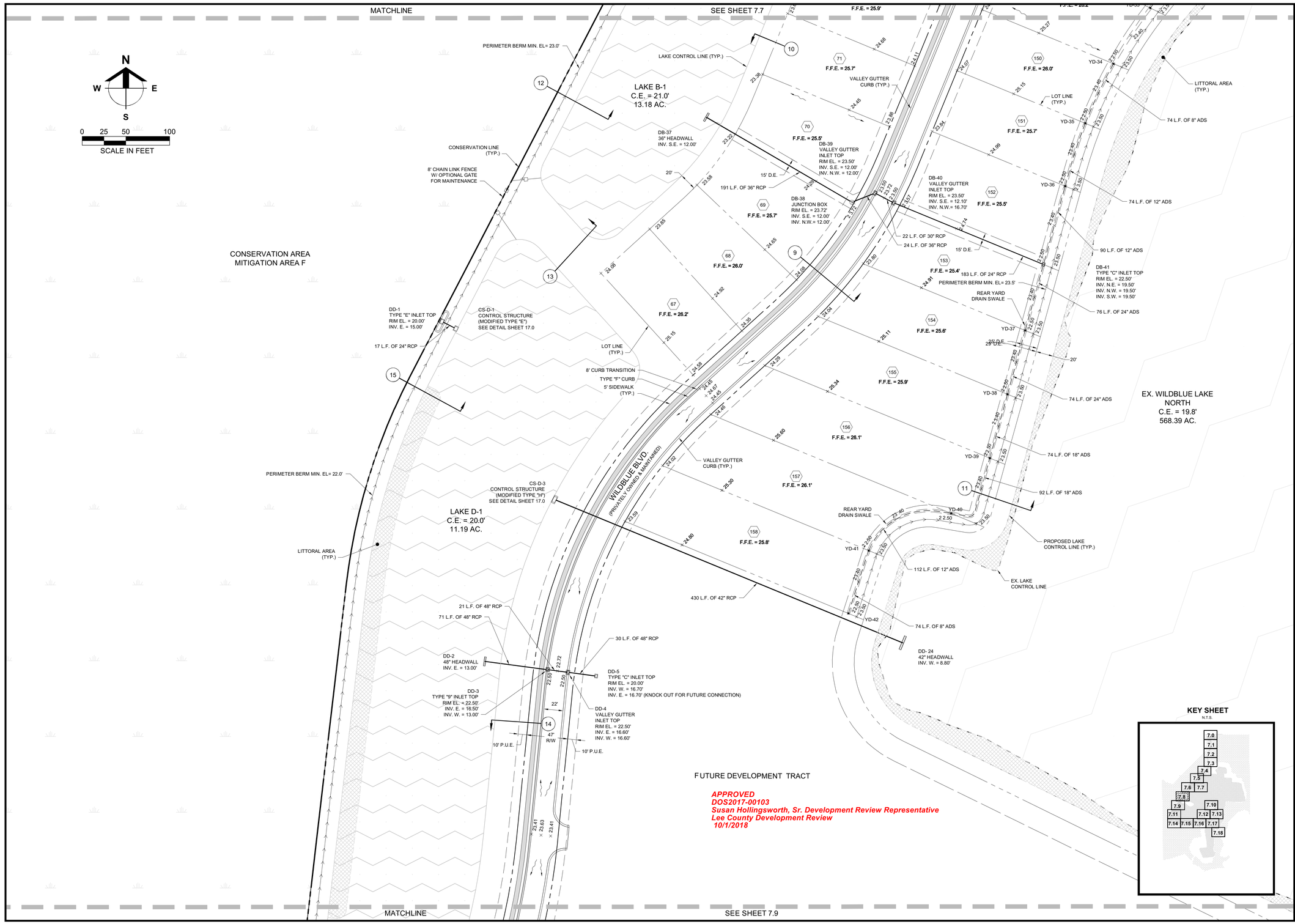
PLAN REVISIONS	

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	**7.7**



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PROJECT DESCRIPTION

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LEE COUNTY, FLORIDA

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TIMOTHY B. GAVIN, P.E., FOR THE FIRM
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CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

3-30-18	DO COMMENTS DATED 12-21-17 1

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.8

MATCHLINE

SEE SHEET 7.8

CONSERVATION AREA
MITIGATION AREA F

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Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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

PERIMETER BERM MIN. EL= 22.0'

LITTORAL AREA (TYP.)

PERIMETER BERM MIN. EL= 22.5'

FUTURE DEVELOPMENT TRACT

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W E
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0 25 50 100
SCALE IN FEET

WILDBLUE BLVD
(PRIVATELY OWNED & MAINTAINED)

DD-7
TYPE "9" INLET TOP
RIM EL. = 22.50'
INV. S.E. = 14.40'
INV. N.W. = 12.50'

VALLEY GUTTER CURB (TYP.)

DD-6
54" HEADWALL
INV. S.E. = 12.50'

71 L.F. OF 54" RCP

DD-9
TYPE "C" INLET TOP
RIM EL. = 22.00'
INV. S.W. = 14.50'
INV. N.E. = 14.50' (KNOCK OUT FOR FUTURE CONNECTION)

49 L.F. OF 36" RCP

20 L.F. OF 54" RCP

TYPE "F" CURB

DD-8
VALLEY GUTTER
INLET TOP
RIM EL. = 22.50'
INV. S.E. = 13.50'
INV. N.W. = 14.40'
INV. N.E. = 14.00'

25' D.E.

DD-10
TYPE "C" INLET TOP
RIM EL. = 21.50'
INV. N.W. = 16.00'
INV. S. = 18.00'

8' CURB TRANSITION

LAKE CONTROL LINE (TYP.)

LOT LINE (TYP.)

354 L.F. OF 48" RCP

81 L.F. OF 18" ADS

PROPOSED LAKE CONTROL LINE (TYP.)

111 L.F. OF 18" ADS

124 L.F. OF 12" ADS

74 L.F. OF 8" ADS

5' SIDEWALK (TYP.)

10' P.U.E.

47' R/W

10' P.U.E.

74 L.F. OF 8" ADS

EXISTING LAKE CONTROL LINE

REAR YARD SWALE (TYP.)

74 L.F. OF 12" ADS

74 L.F. OF 12" ADS

75 L.F. OF 18" ADS

LITTORAL AREA (TYP.)

87 L.F. OF 18" ADS

101 L.F. OF 12" ADS

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

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

15' D.E.

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'

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

25 L.F. OF 30" RCP

209 L.F. OF 24" RCP

15' D.E.

29' D.E.

20' D.E.

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

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

VALLEY GUTTER CURB (TYP.)

F.F.E. = 25.2'
F.F.E. = 24.9'
F.F.E. = 24.7'
F.F.E. = 24.5'
F.F.E. = 25.0'

YD-43
YD-44
YD-45
YD-46
YD-47
YD-48
YD-49
YD-50
YD-51

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

MATCHLINE

SEE SHEET 7.11

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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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LOCATION	J:\23675\DWG\DO\
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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

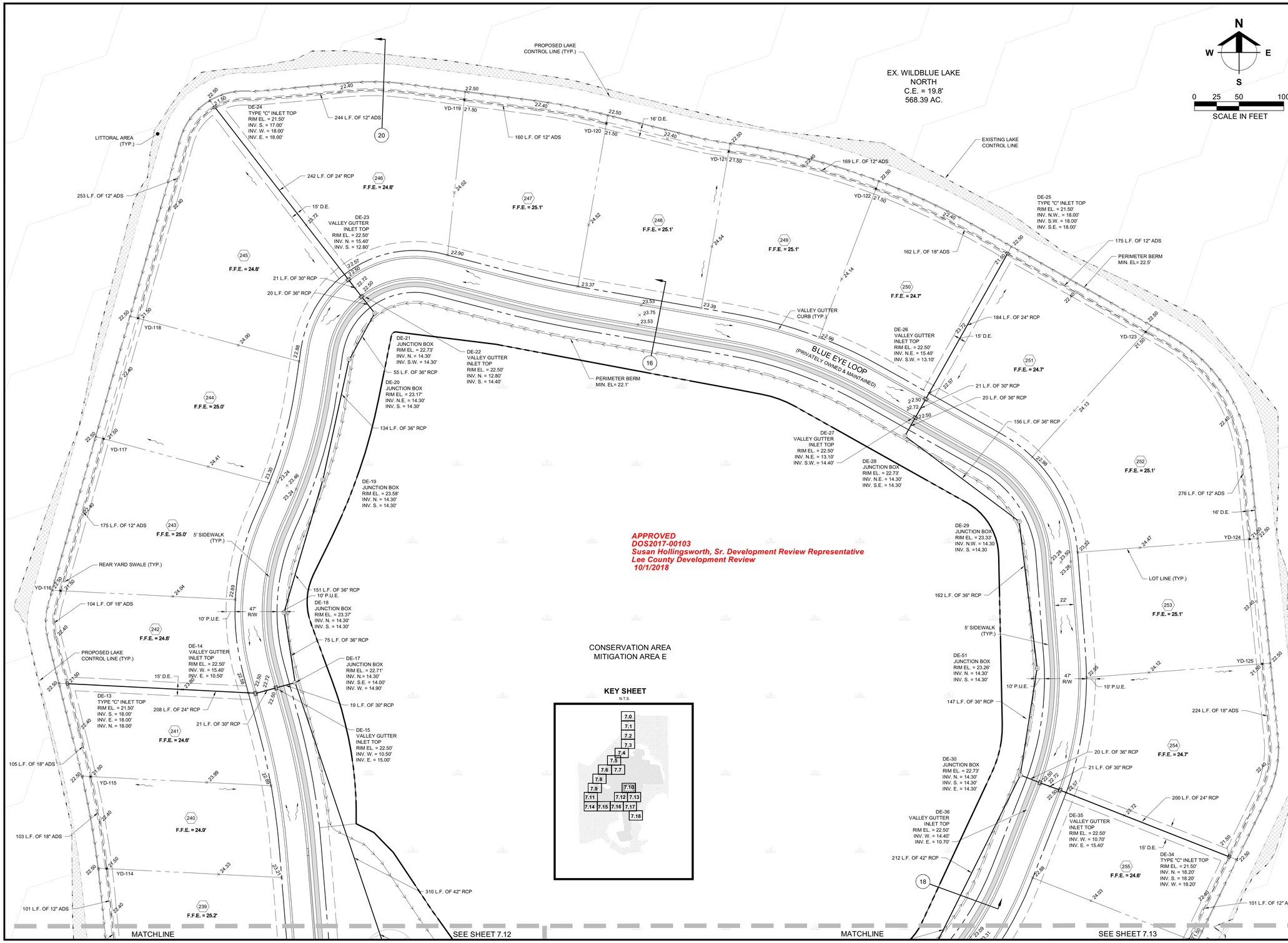
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	**7.9**

DOS2017-00103 Lee County ePlan



APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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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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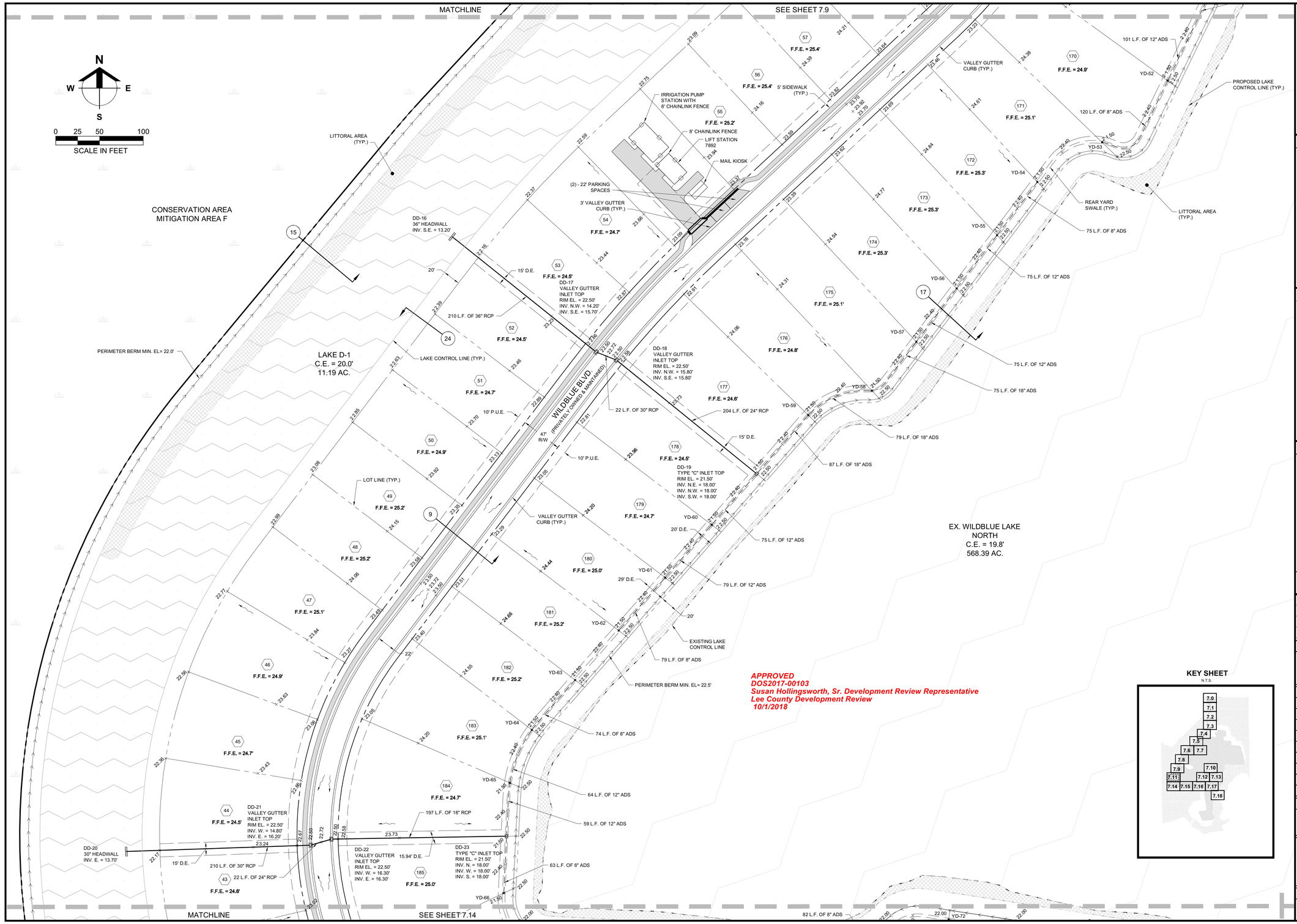
PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.10



APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

KEY SHEET
N.T.S.

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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
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PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.11

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SCALE IN FEET

MATCHLINE
SEE SHEET 7.10
SEE SHEET 7.13
MATCHLINE
MATCHLINE
SEE SHEET 7.16
MATCHLINE
SEE SHEET 7.17

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

LAKE E-1
C.E. = 20.0'
2.24 AC.

CONSERVATION AREA
MITIGATION AREA E

BLUE EYE LOOP
(PRIVATELY OWNED & MAINTAINED)

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

101 L.F. OF 12" ADS
YD-113
F.F.E. = 25.3'
DE-16
42" HEADWALL
INV. N.W. = 12.70'
310 L.F. OF 42" RCP
TYPE "F" CURB
(TYP.)
PERIMETER BERM
MIN. EL= 22.5'
YD-112
89 L.F. OF 12" ADS
F.F.E. = 25.3'
DE-12
30" HEADWALL
INV. E. = 13.20'
VALLEY GUTTER
CURB (TYP.)
LAKE CONTROL LINE (TYP.)
YD-111
320 L.F. OF 30" RCP
88 L.F. OF 12" ADS
LITTORAL PLANTING ZONE (TYP.)
106 L.F. OF 18" ADS
DE-9
TYPE "C" INLET TOP
RIM EL. = 21.50'
INV. S.E. = 18.00'
INV. N.E. = 18.00'
INV. S.W. = 18.00'
F.F.E. = 24.8'
15' D.E.
CS-E-1
CONTROL STRUCTURE
(MODIFIED TYPE "E")
SEE DETAIL SHEET 17.0
183 L.F. OF 24" RCP
116 L.F. OF 18" ADS
YD-110
15' D.E.
DE-11
VALLEY GUTTER
INLET TOP
RIM EL. = 22.50'
INV. N.W. = 15.40'
INV. S.E. = 15.00'
5' SIDEWALK
(TYP.)
F.F.E. = 24.7'
DE-10
VALLEY GUTTER
INLET TOP
RIM EL. = 22.50'
INV. W. = 15.40'
INV. E. = 15.40'
TYPE "F" CURB
(TYP.)
REAR YARD SWALE (TYP.)
100 L.F. OF 12" ADS
16' D.E.
YD-109
20 L.F. OF 30" RCP
8' CURB
TRANSITION
(TYP.)
DE-8
42" HEADWALL
INV. W. = 12.70'
F.F.E. = 24.9'
88 L.F. OF 42" RCP
DE-7
JUNCTION BOX
RIM EL. = 22.73'
INV. N.W. = 14.90'
INV. S.W. = 14.20'
INV. E. = 14.20'
DE-43
48" HEADWALL
INV. S.E. = 12.20'
YD-108
F.F.E. = 25.2'
47' R/W
10' P.U.E.
BLUE EYE LOOP
(PRIVATELY OWNED & MAINTAINED)
252 L.F. OF 36" RCP
4" PVC DISCHARGE PIPE
INV. = 20.0'
EXISTING LAKE
CONTROL LINE
5' SIDEWALK
(TYP.)
VALLEY GUTTER
CURB (TYP.)
F.F.E. = 25.2'
10' P.U.E.
182 L.F. OF 48" RCP
PERIMETER BERM
MIN. EL= 21.0'
8' CURB
TRANSITION
DE-6
JUNCTION BOX
RIM EL. = 23.46'
INV. N.E. = 14.30'
INV. S. = 14.30'
DE-42
VALLEY GUTTER
INLET TOP
RIM EL. = 22.50'
INV. N.E. = 15.40'
INV. S.W. = 15.00'
YD-107
135 L.F. OF 36" RCP
DE-44
JUNCTION BOX
RIM EL. = 22.73'
INV. N.W. = 14.30'
INV. N.E. = 14.30'
INV. S.E. =14.30'
PROPOSED LAKE
CONTROL LINE (TYP.)
F.F.E. = 24.9'
20 L.F. OF 30" RCP
21 L.F. OF 30" RCP
DE-5
JUNCTION BOX
RIM EL. = 23.28'
INV. N.= 14.30'
INV. S. = 14.30'
155 L.F. OF 12" ADS
LOT LINE (TYP.)
VALLEY GUTTER
CURB (TYP.)
122 L.F. OF 36" RCP
LITTORAL AREA
(TYP.)
YD-106
F.F.E. = 24.6'
DE-2
VALLEY GUTTER
INLET TOP
RIM EL. = 22.50'
INV. W. = 15.40'
INV. E. = 15.40'
DE-4
JUNCTION BOX
RIM EL. = 22.73'
INV. W.= 14.30'
INV. N. = 14.30'
100 L.F. OF 18" ADS
196 L.F. OF 24" RCP
15' D.E.
20 L.F. OF 36" RCP
DE-3
VALLEY GUTTER
INLET TOP
RIM EL. = 22.50'
INV. W. = 15.40'
INV. E. = 14.40'
21 L.F. OF 30" RCP
DE-1
TYPE "C" INLET TOP
RIM EL. = 21.50'
INV. E. = 18.00'
INV. N. = 18.00'
INV. S. = 18.00'
124 L.F. OF 18" ADS
F.F.E. = 24.6'
162 L.F. OF 36" RCP

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

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FAX (239) 461-3169
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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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LOCATION	J:\23675\DWG\DOI\
PLOT DATE	THU. 9-6-2018 - 11:57 AM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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SURVEY = 23372S00.DWG

PLAN REVISIONS

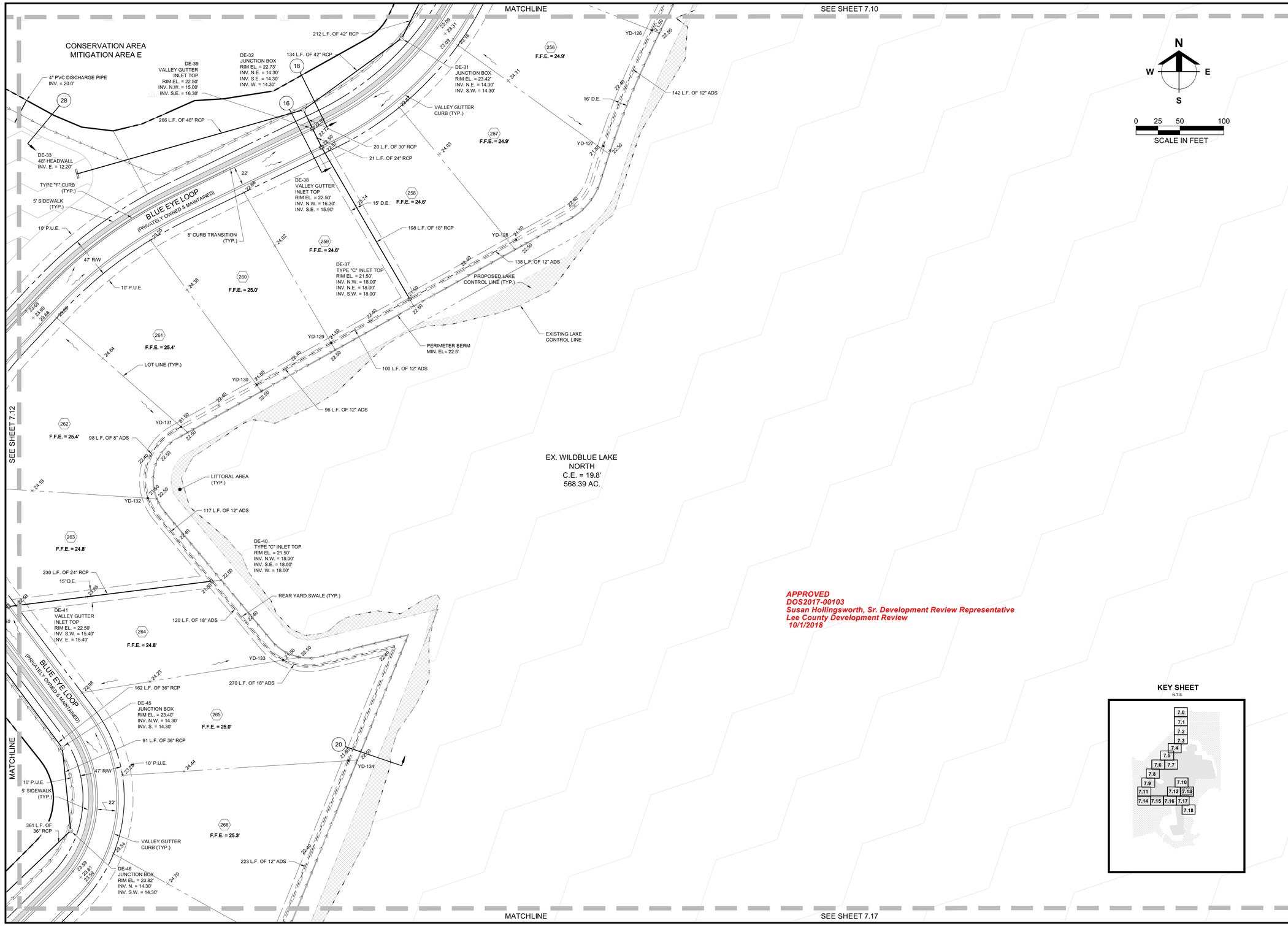
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.12

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Susan Hollingsworth, Sr. Development Review Representative
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PLAN REVISIONS

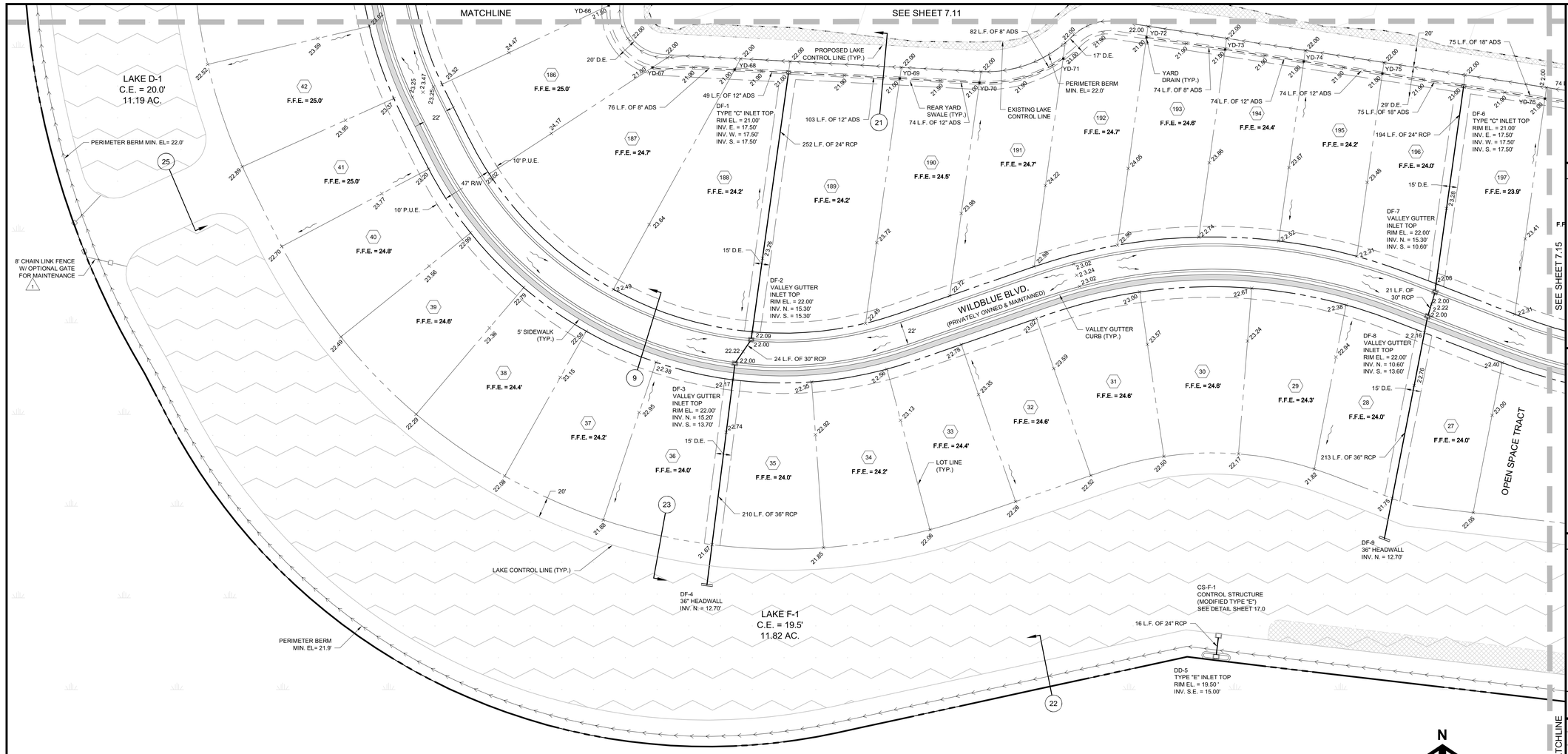
PLAN STATUS

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DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.13

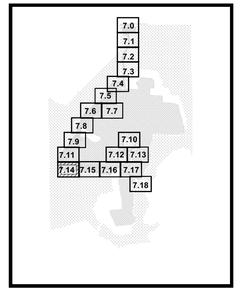
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CONSERVATION AREA
MITIGATION AREA F

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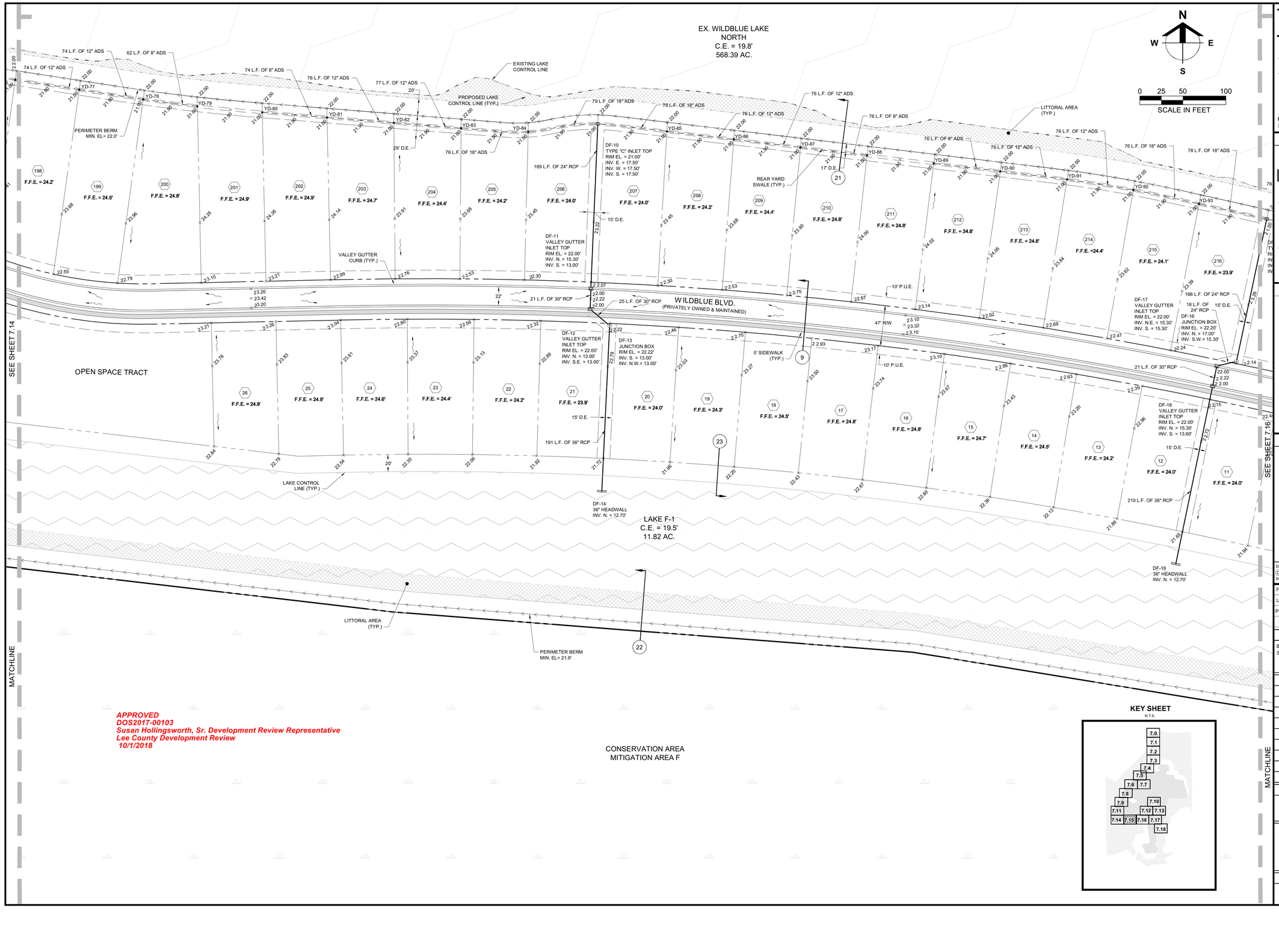
3-30-18	DO COMMENTS DATED 12-21-17 (1)

PLAN STATUS

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DETAILED PAVING, GRADING, AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	7.14



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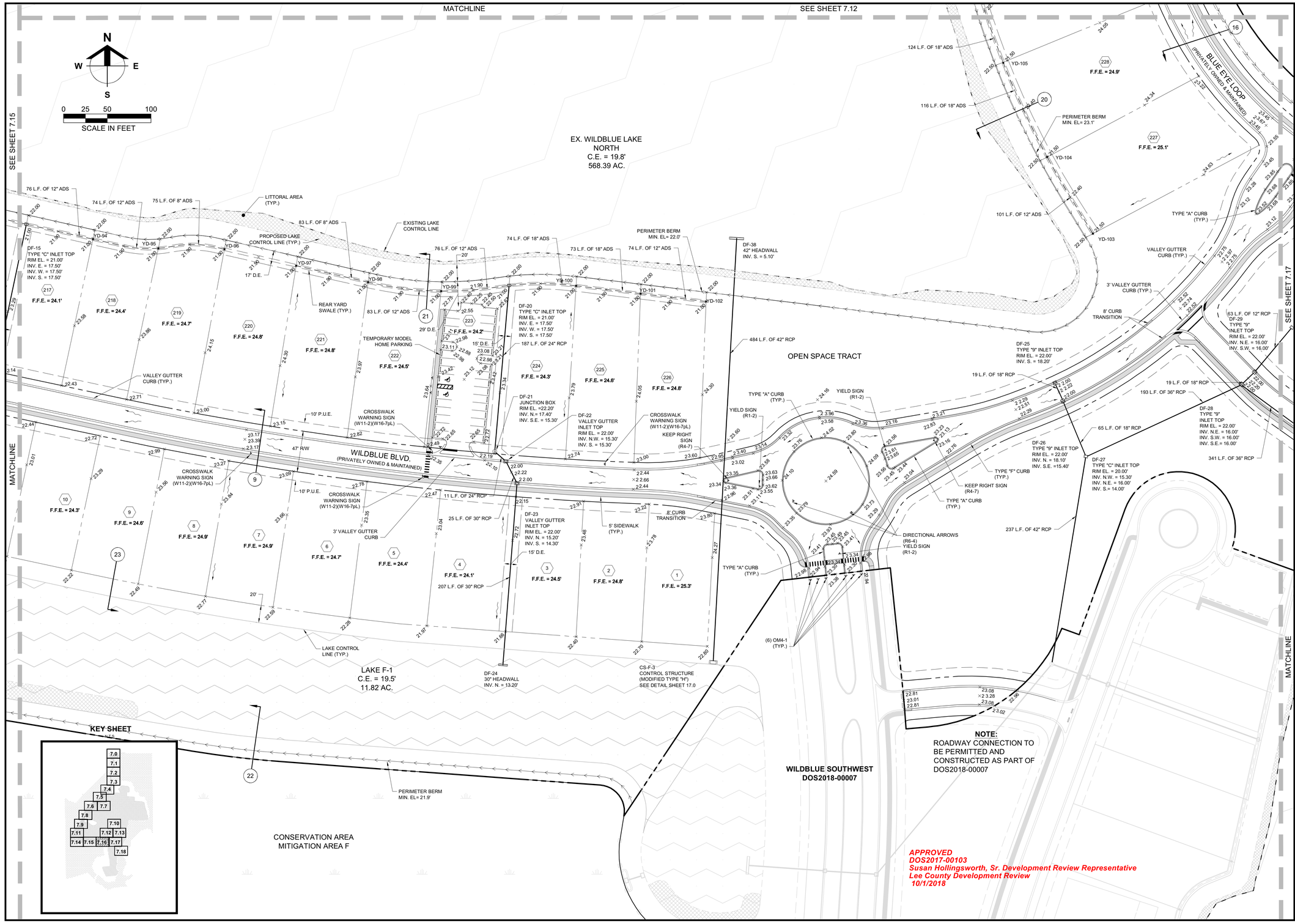
PLAN STATUS

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PROJECT / FILE NO.	SHEET NUMBER
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PLAN REVISIONS

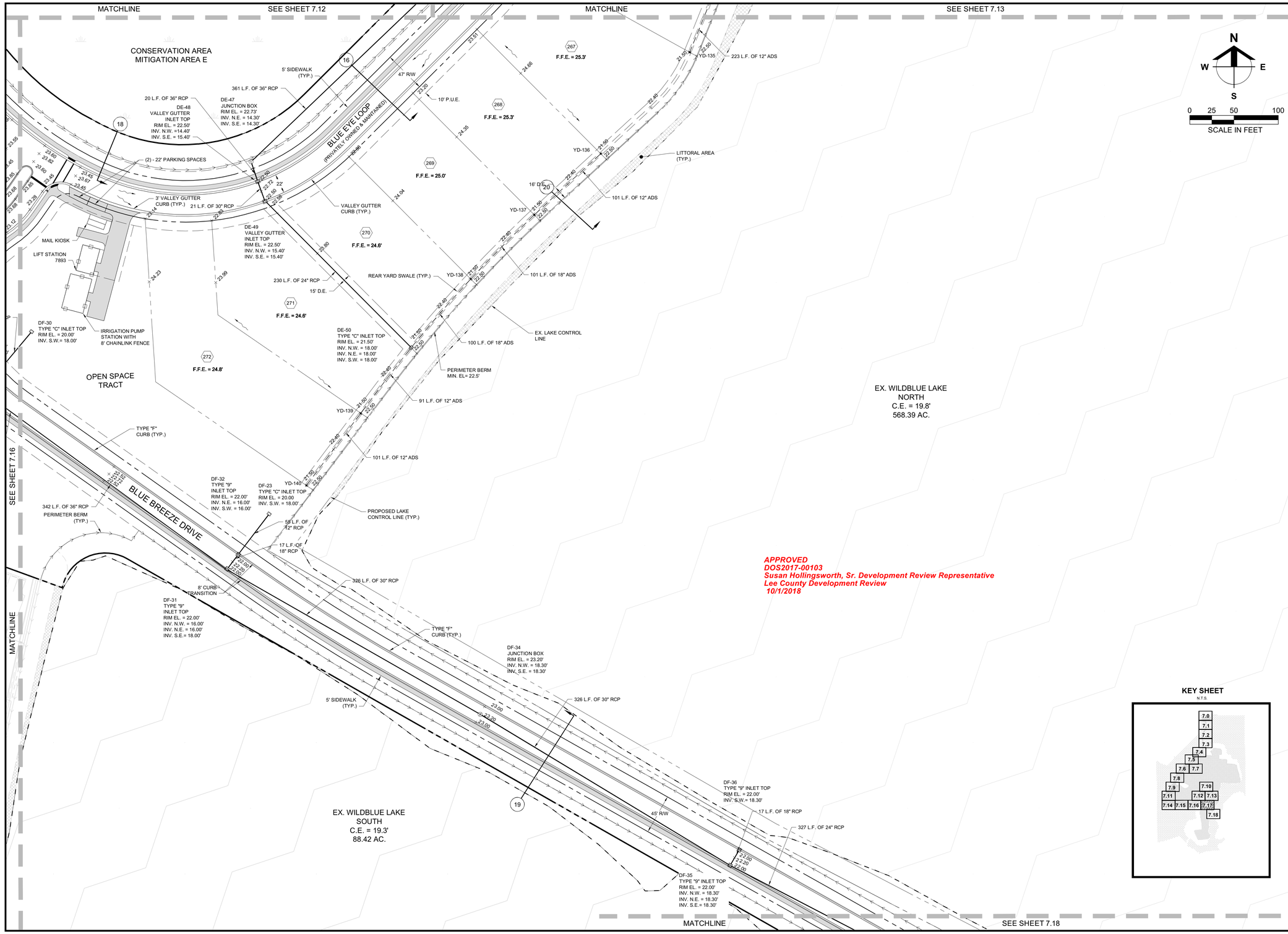
PLAN STATUS

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PROJECT / FILE NO.	SHEET NUMBER
23675	7.16

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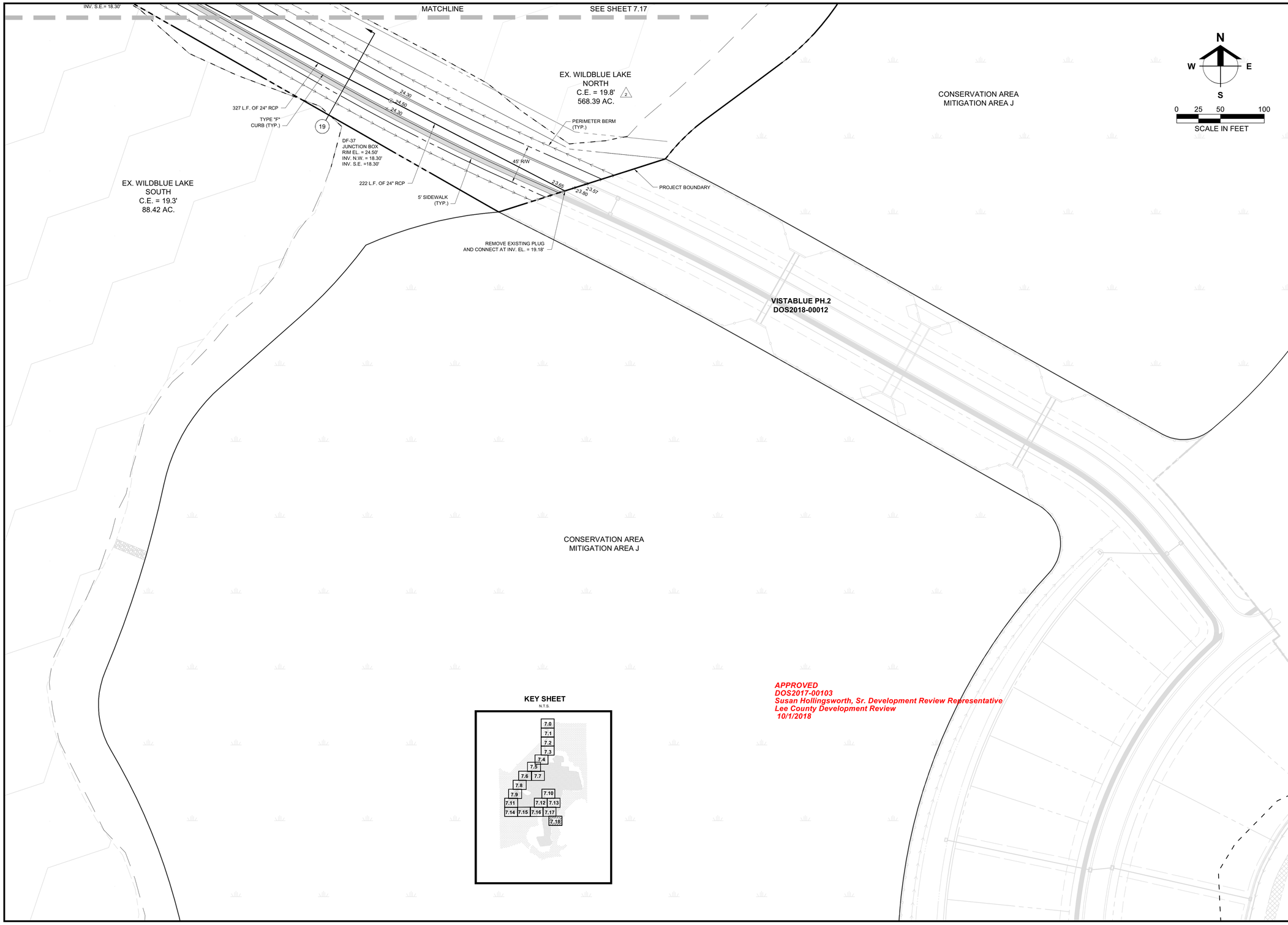
PLAN STATUS

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PROJECT / FILE NO.	SHEET NUMBER
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PLAN REVISIONS

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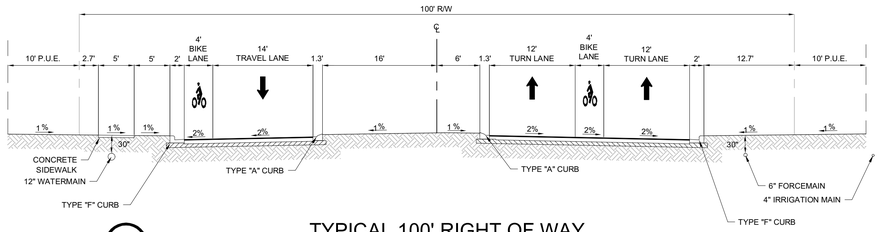
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DETAILED PAVING, GRADING, AND DRAINAGE PLANS

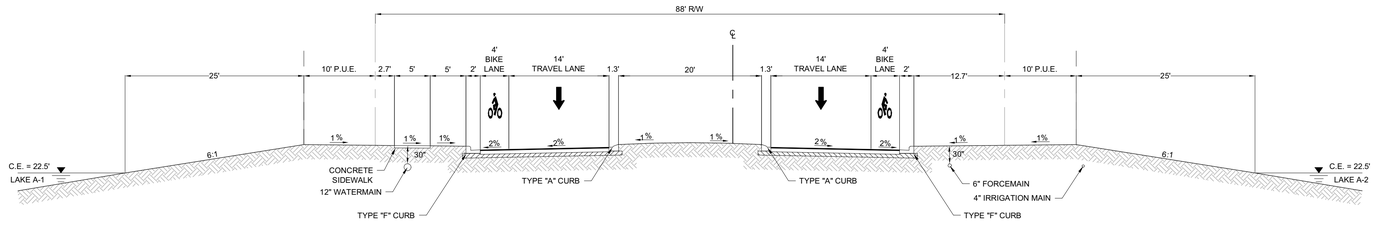
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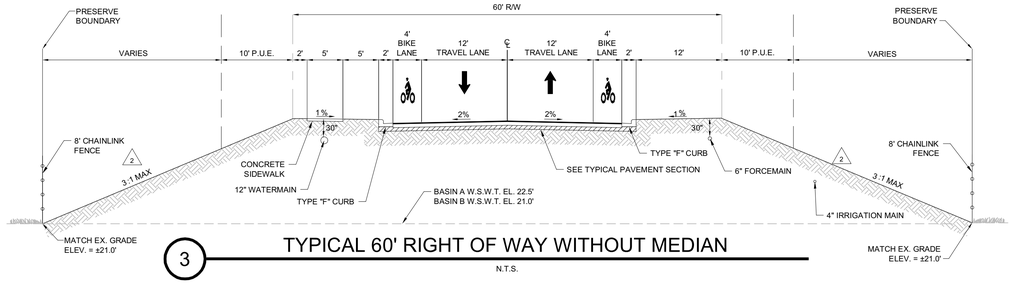
1 TYPICAL 100' RIGHT OF WAY

N.T.S.



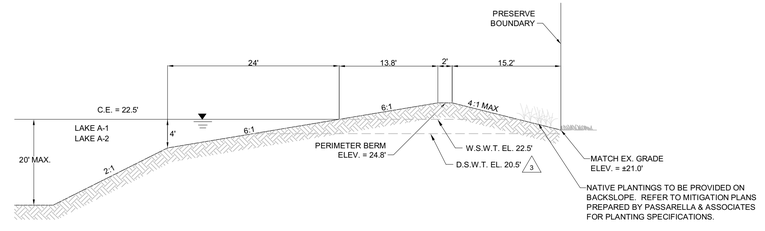
2 TYPICAL 88' RIGHT OF WAY WITH MEDIAN

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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7-12-18	DO COMMENTS DATED 5-10-18 (2)
8-24-18	DO COMMENTS DATED 8-20-18 (3)

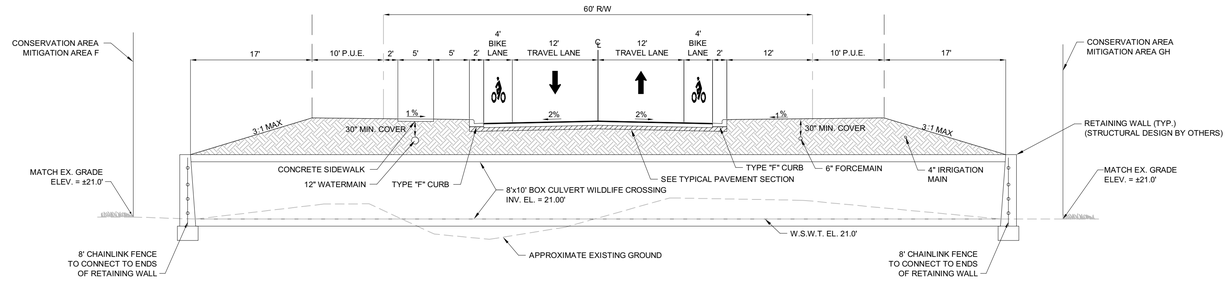
PLAN STATUS

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TYPICAL SECTIONS

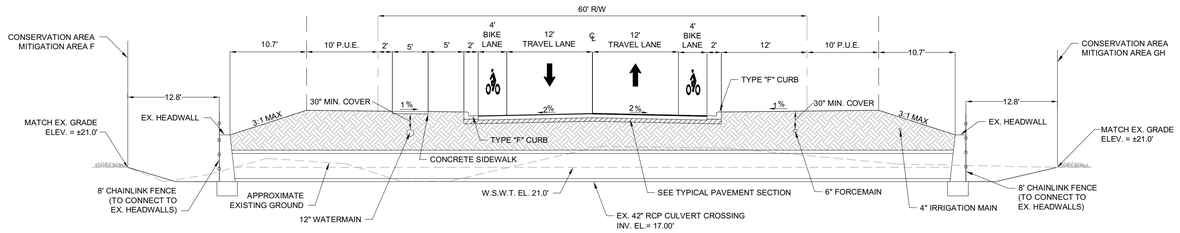
PROJECT / FILE NO.	SHEET NUMBER
23675	8.0

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5 ENTRANCE ROAD AT WILDLIFE CROSSING

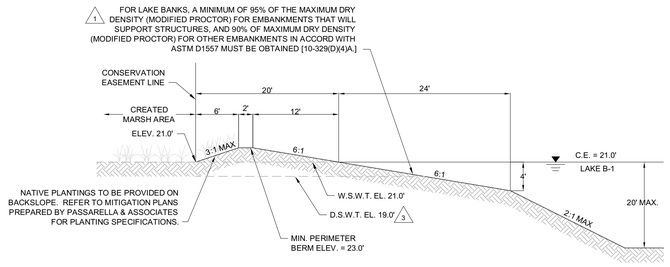
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6 ENTRANCE ROAD AT EXISTING CULVERT CROSSING

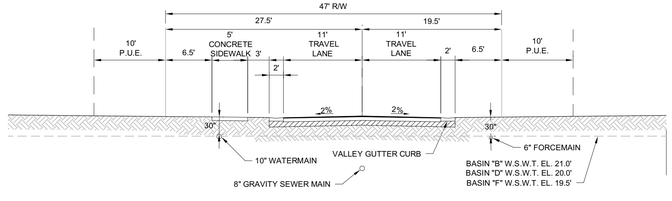
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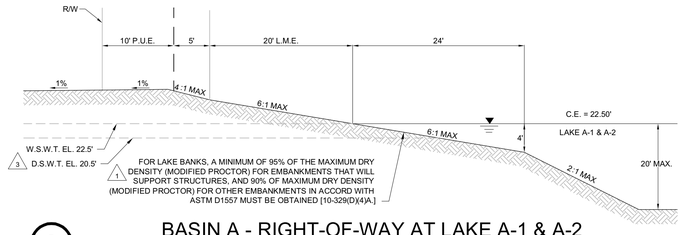
7 BASIN B - CREATED MARSH TO LAKE

N.T.S.



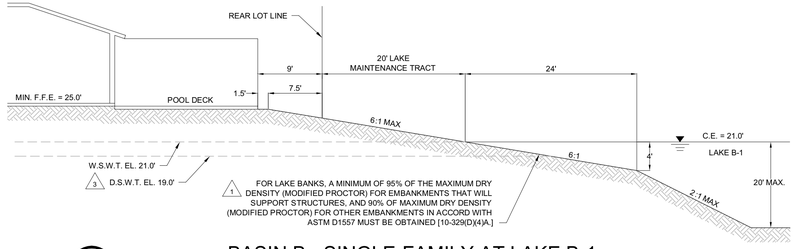
9 BASIN B,D,F - TYPICAL 47' R/W SECTION

N.T.S.



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

N.T.S.



10 BASIN B - SINGLE-FAMILY AT LAKE B-1

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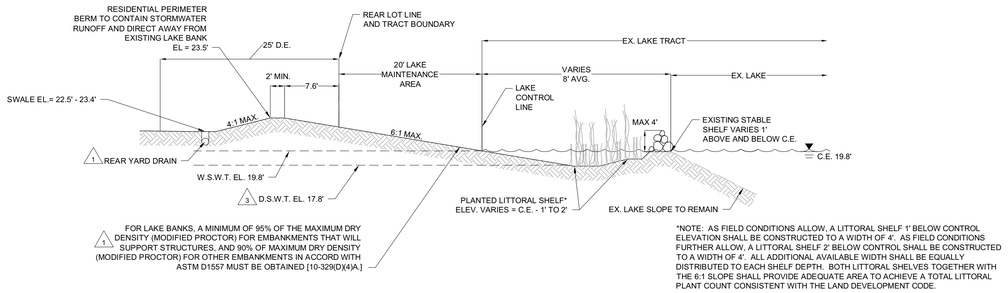
PLAN STATUS

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TYPICAL SECTIONS

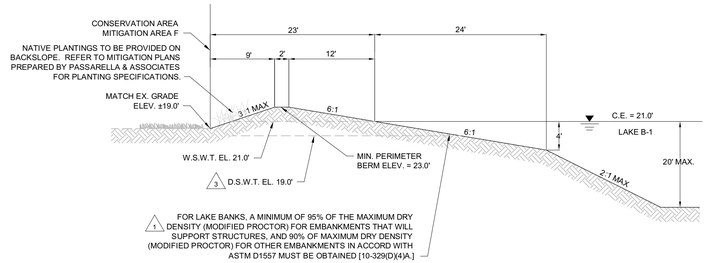
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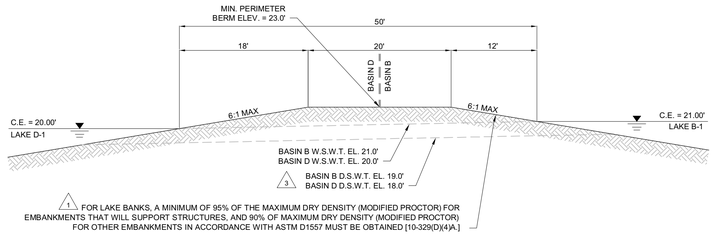
11 BASIN B: SINGLE- FAMILY TO EXISTING LAKE

N.T.S.



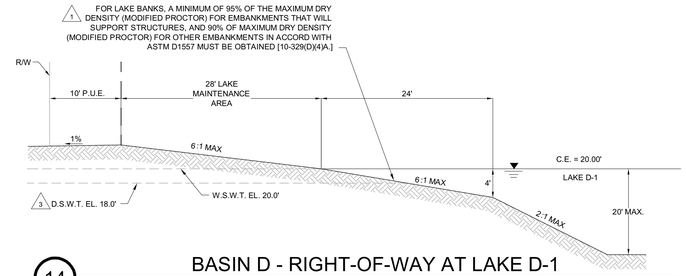
12 BASIN B - PRESERVE TO LAKE

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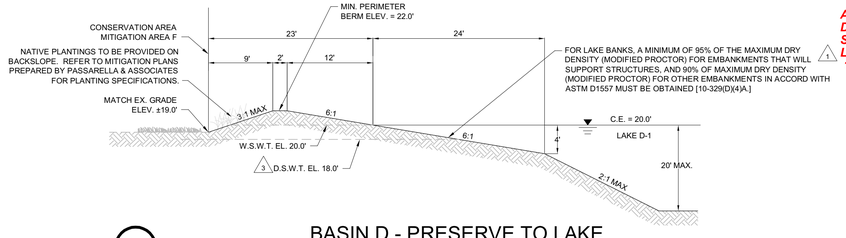
13 BASIN D TO BASIN B - LAKE AT LAKE

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

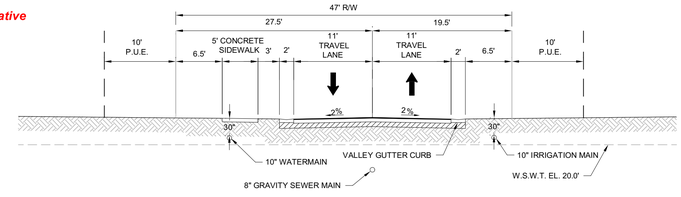
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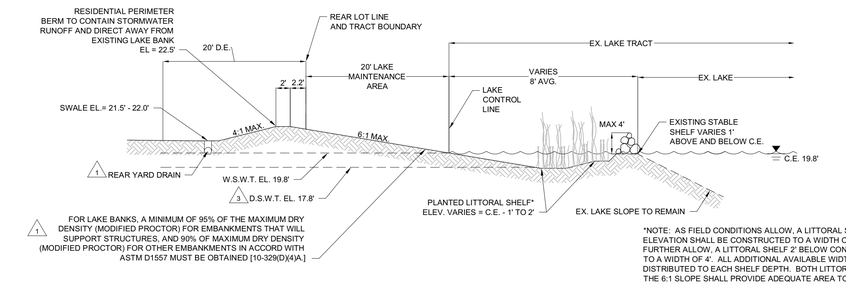
15 BASIN D - PRESERVE TO LAKE

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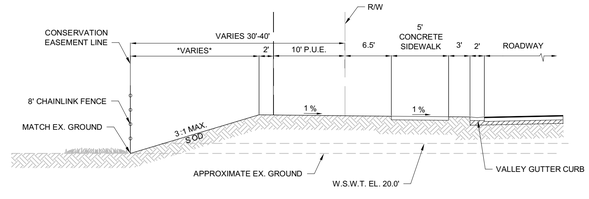
16 BASIN E- TYPICAL 47' R/W SECTION

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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PLOT BY	SCOTT WHEELER JR

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8-24-18	DO COMMENTS DATED 8-20-18 (3)

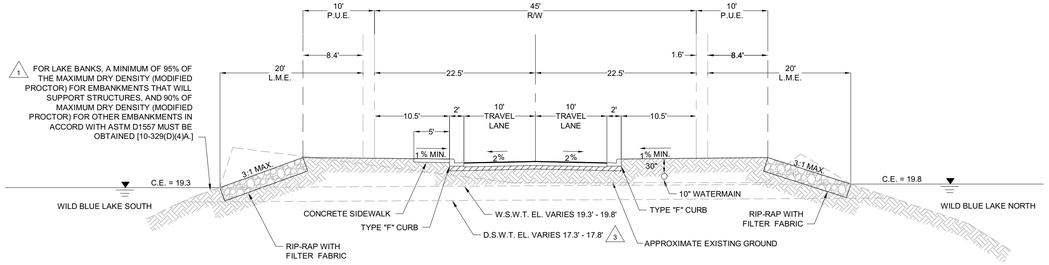
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TYPICAL SECTIONS

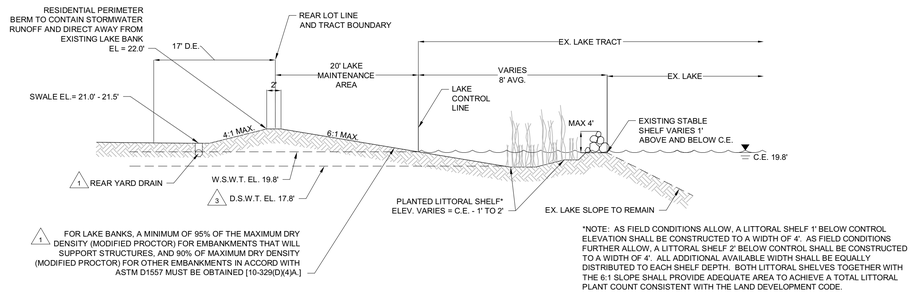
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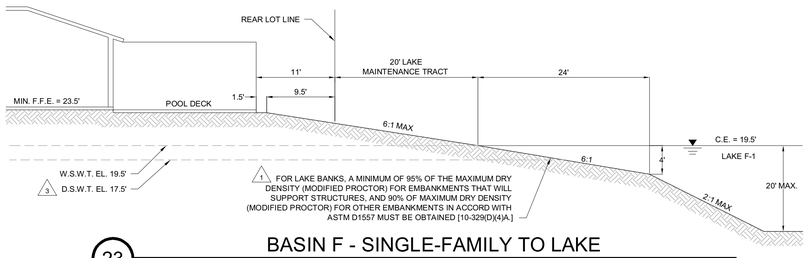
19 TYPICAL 45' RIGHT OF WAY AT LAKE

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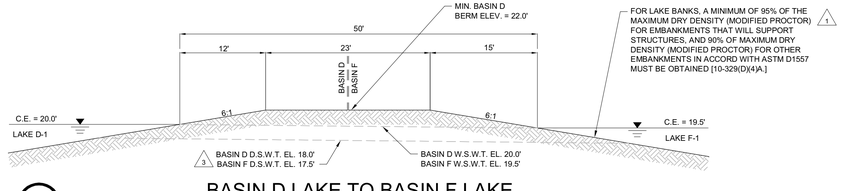
21 BASIN F: SINGLE- FAMILY TO EXISTING LAKE

N.T.S.



23 BASIN F - SINGLE-FAMILY TO LAKE

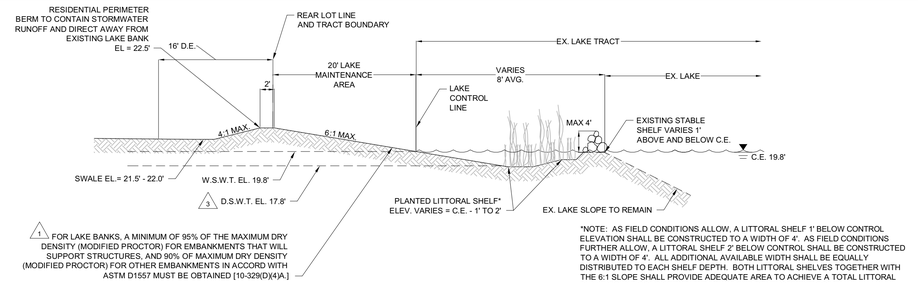
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25 BASIN D LAKE TO BASIN F LAKE

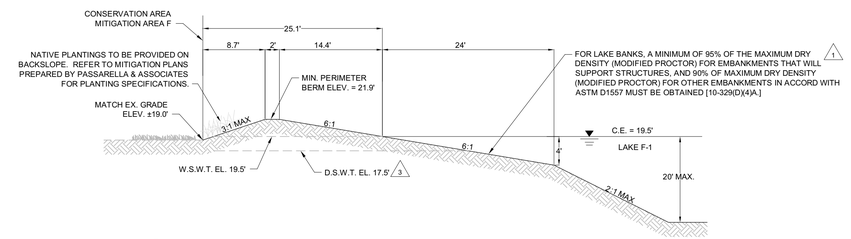
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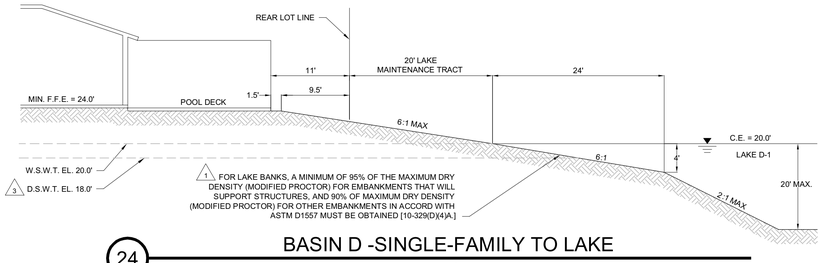
20 BASIN E: SINGLE- FAMILY TO EXISTING LAKE

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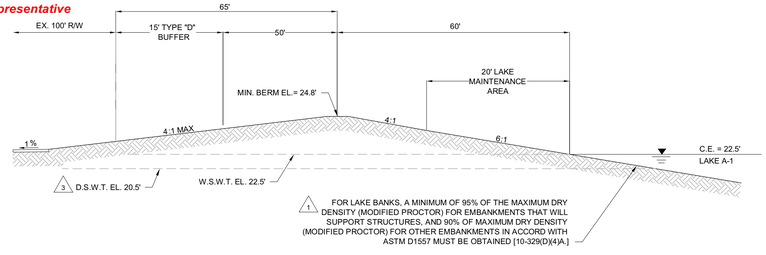
22 BASIN F - PRESERVE TO LAKE

N.T.S.



24 BASIN D -SINGLE-FAMILY TO LAKE

N.T.S.



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

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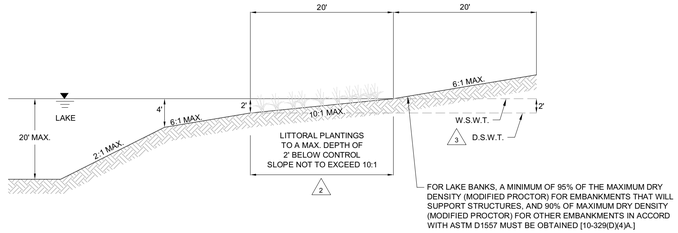
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TYPICAL SECTIONS

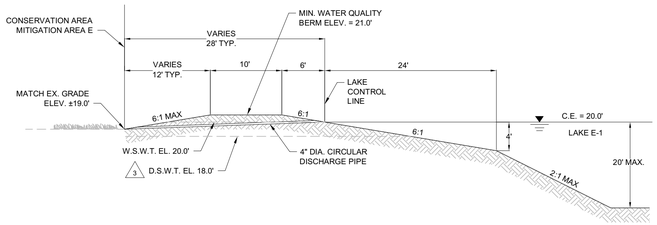
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27 LAKE LITTORAL ZONE

N.T.S.



28 BASIN E - PRESERVE TO LAKE

N.T.S.

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PLAN REVISIONS

7-12-18	DO COMMENTS DATED 5-10-18 (2)
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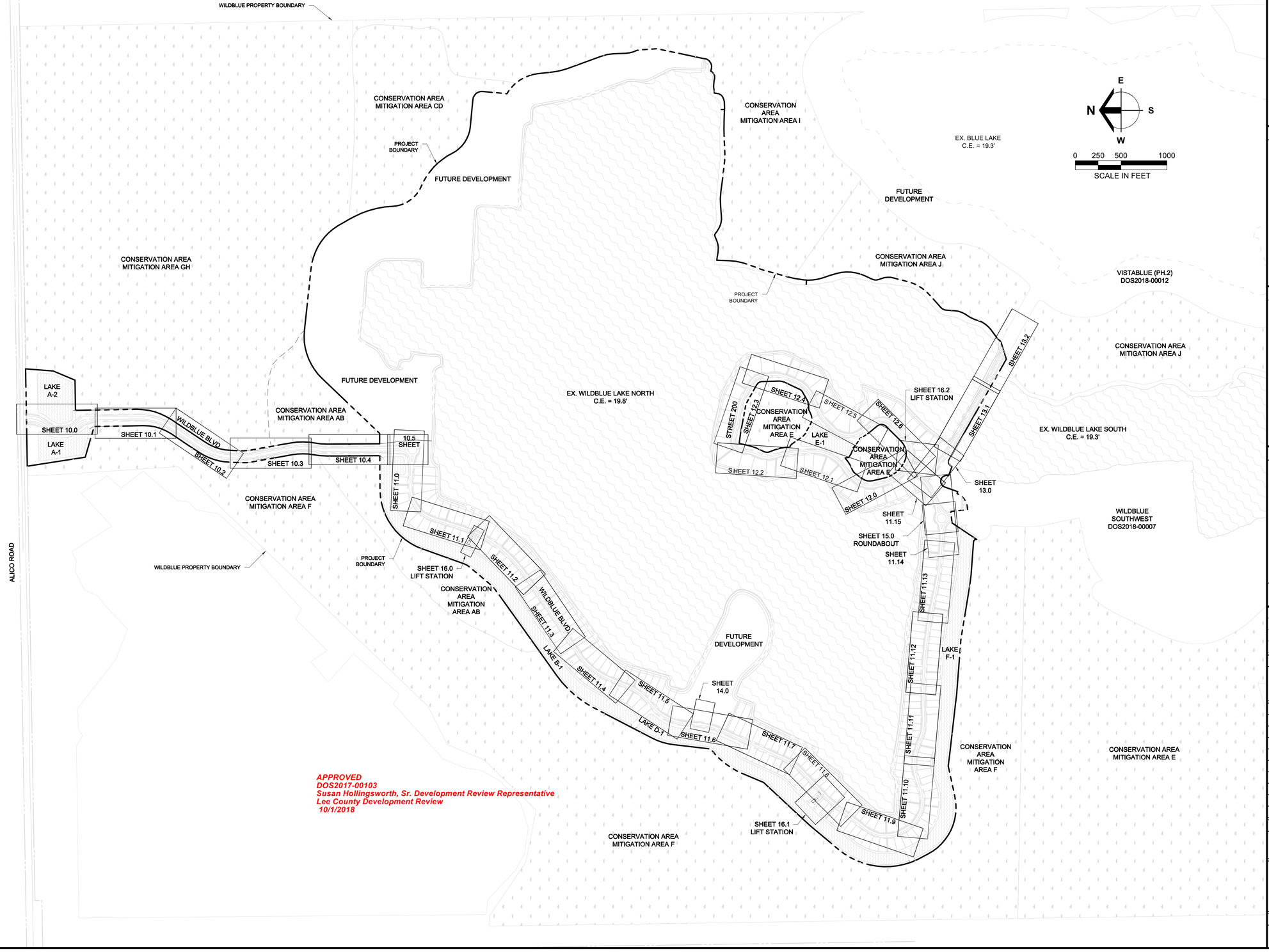
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SURVEY = 23372S00.DWG

PLAN REVISIONS

PLAN STATUS

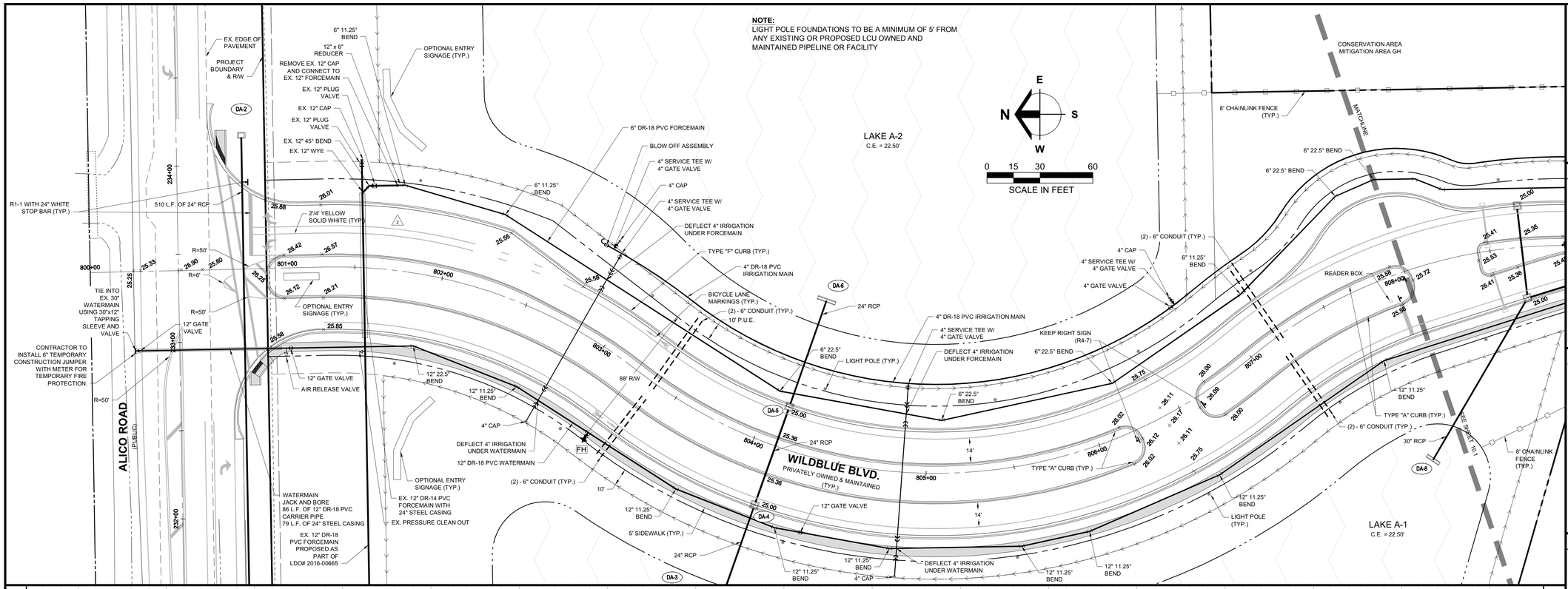
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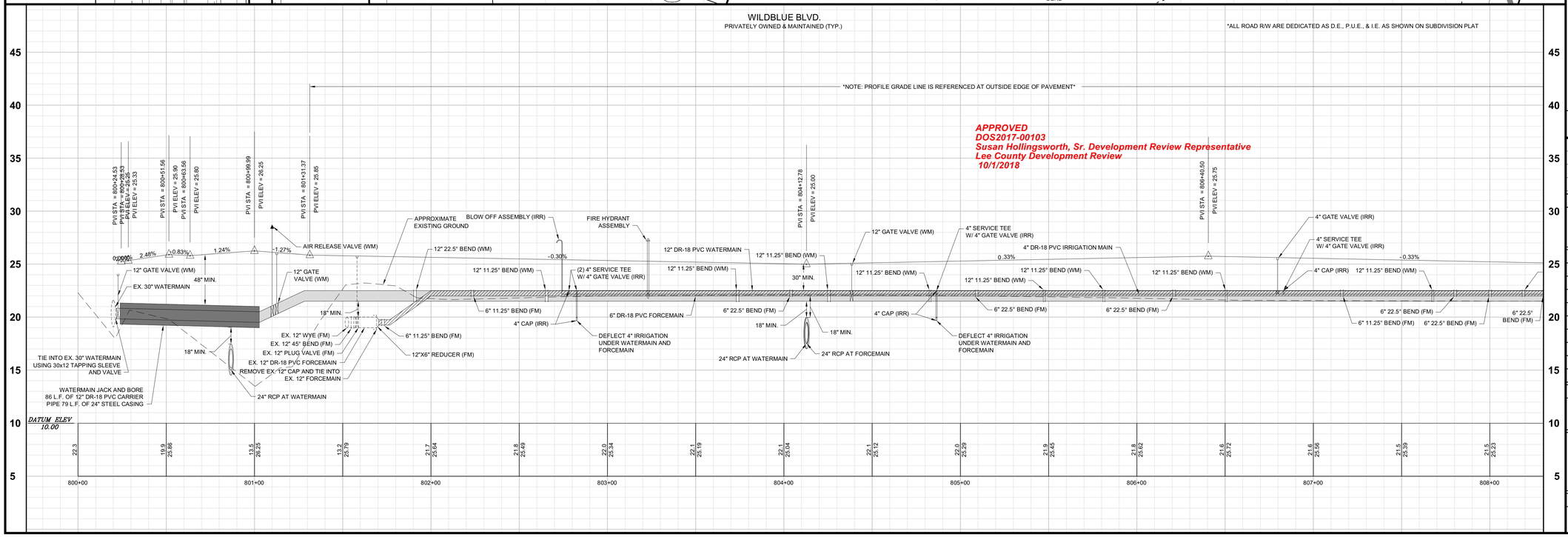
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PROFILE = 23675A00P.DWG
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7-12-18	DO COMMENTS DATED 5-10-18	2

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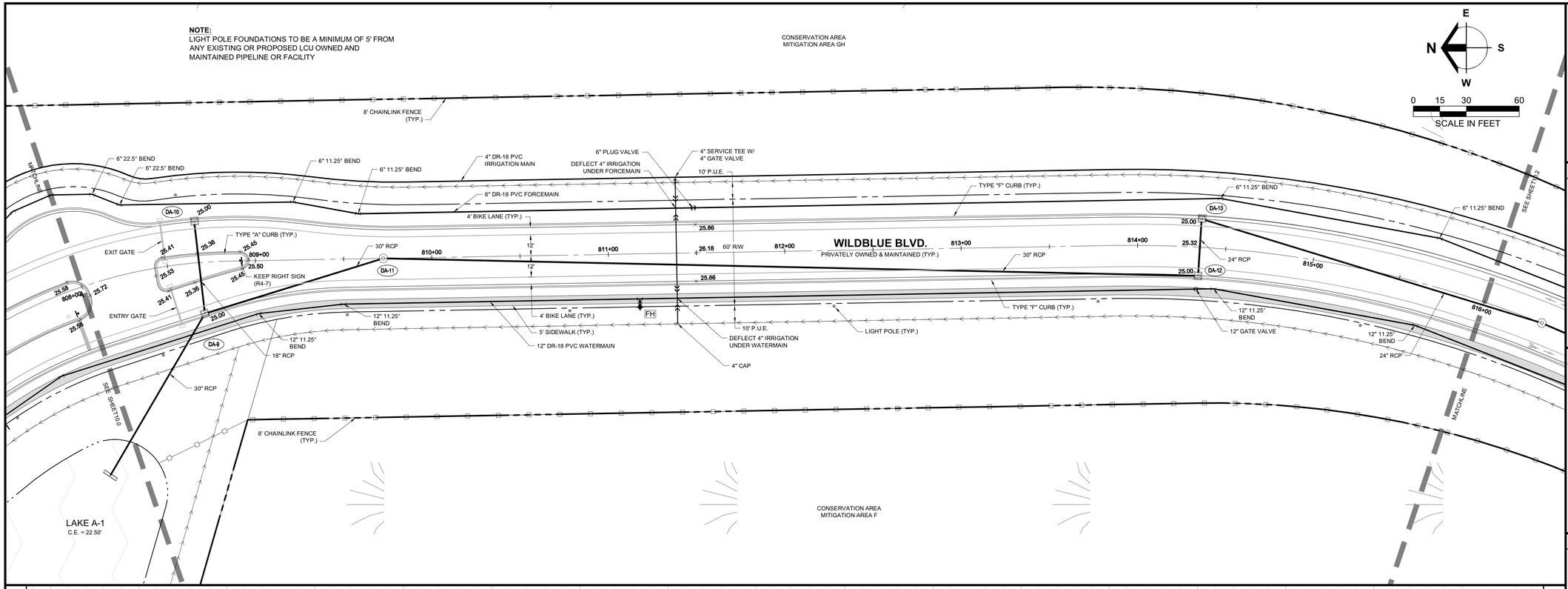
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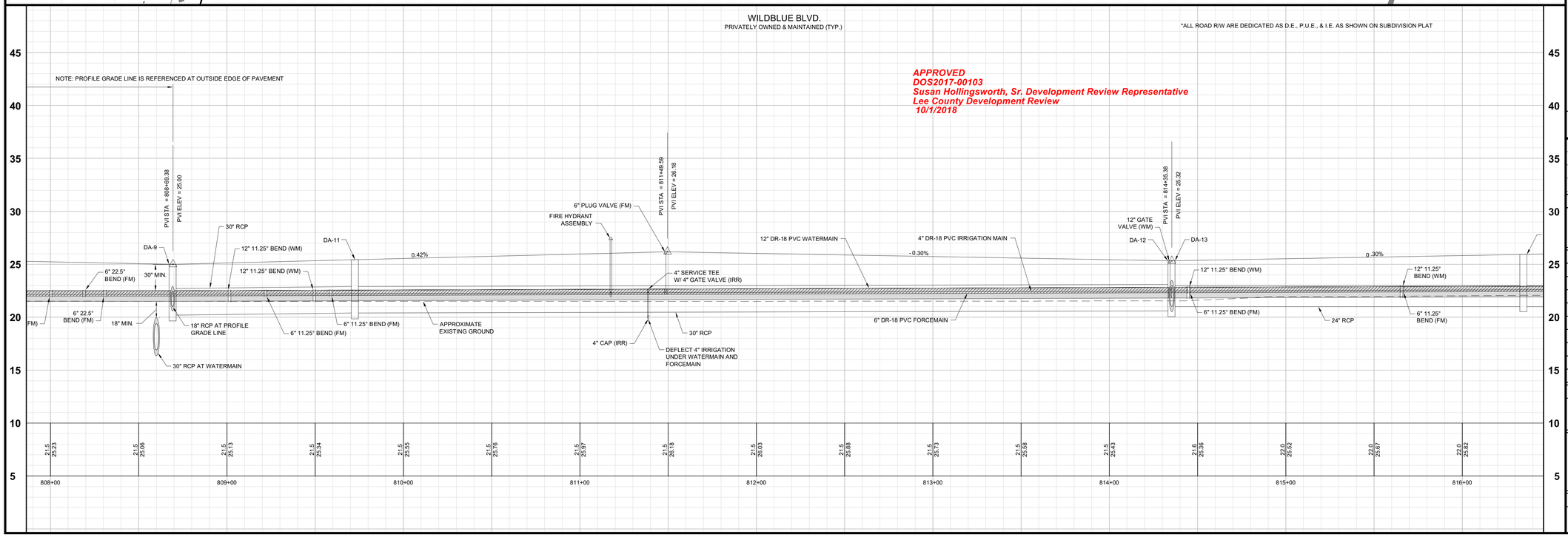
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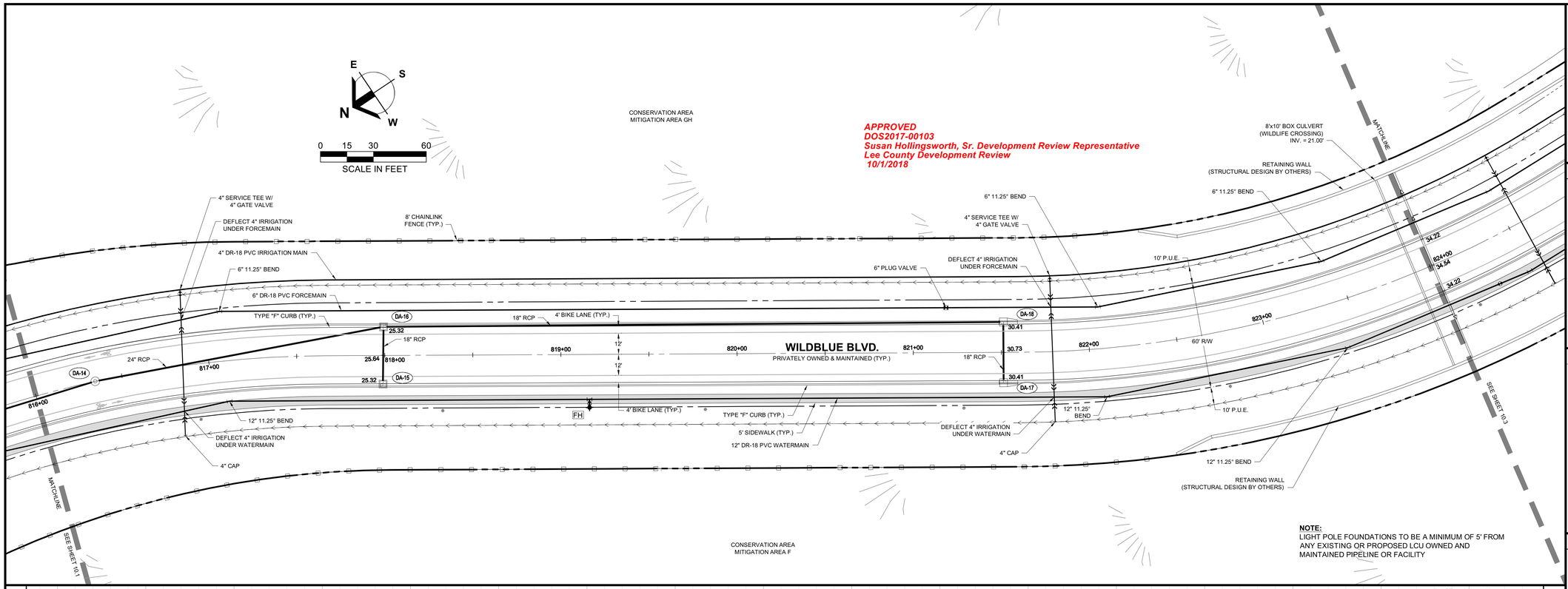
PLAN REVISIONS

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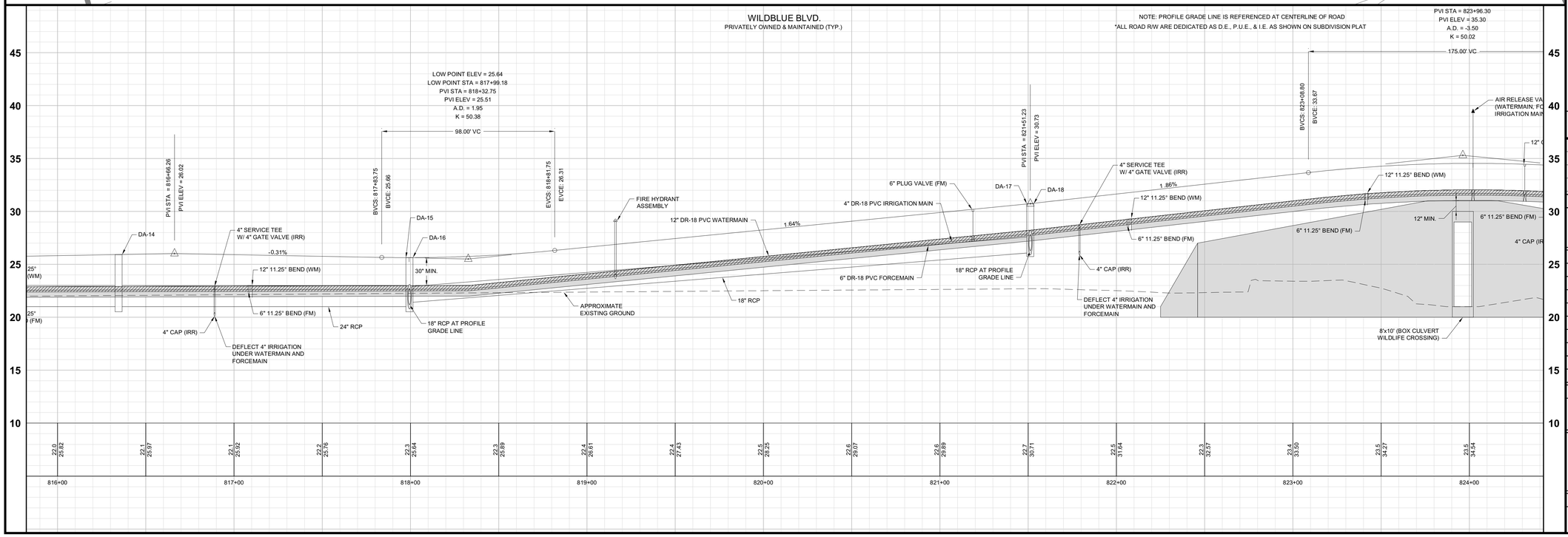
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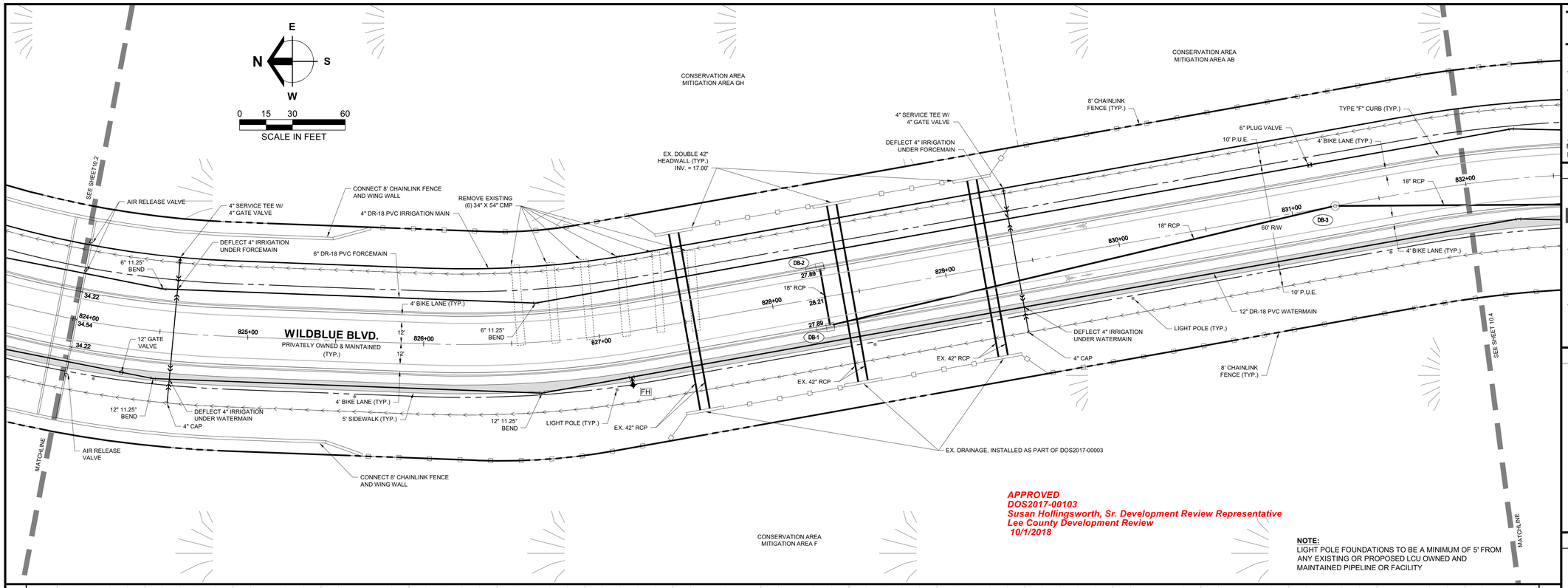
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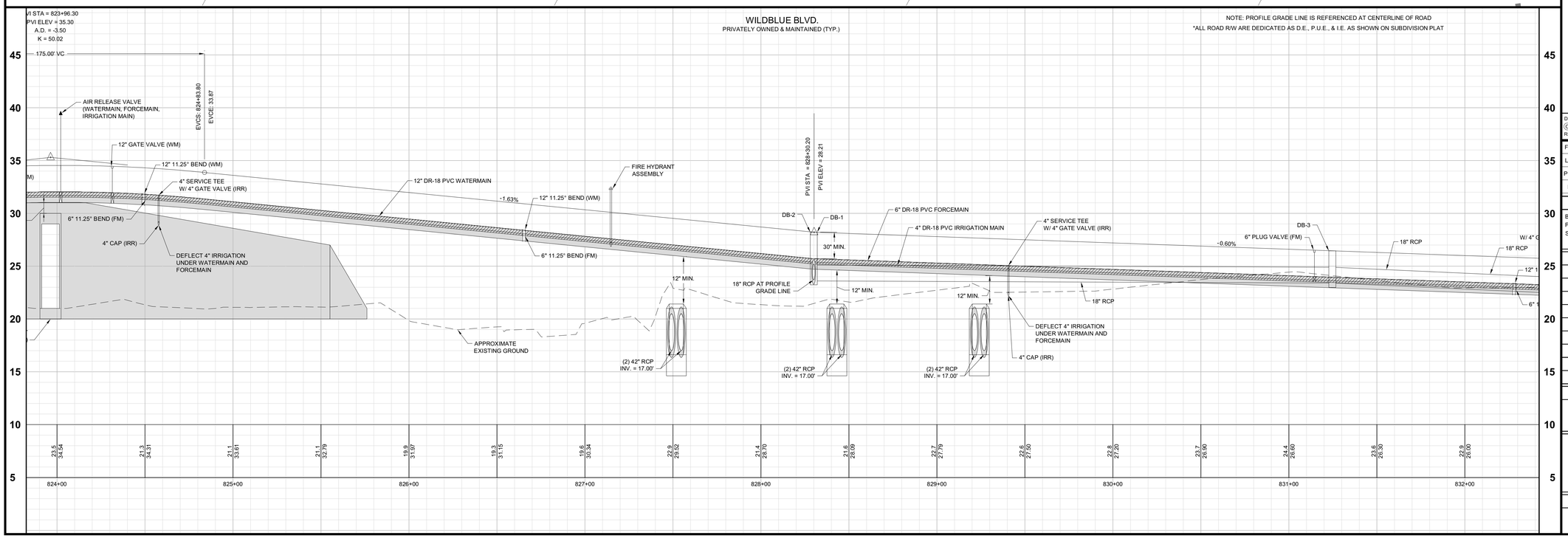
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PROJECT / FILE NO.	SHEET NUMBER
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SURVEY = 23372S00.DWG

PLAN REVISIONS

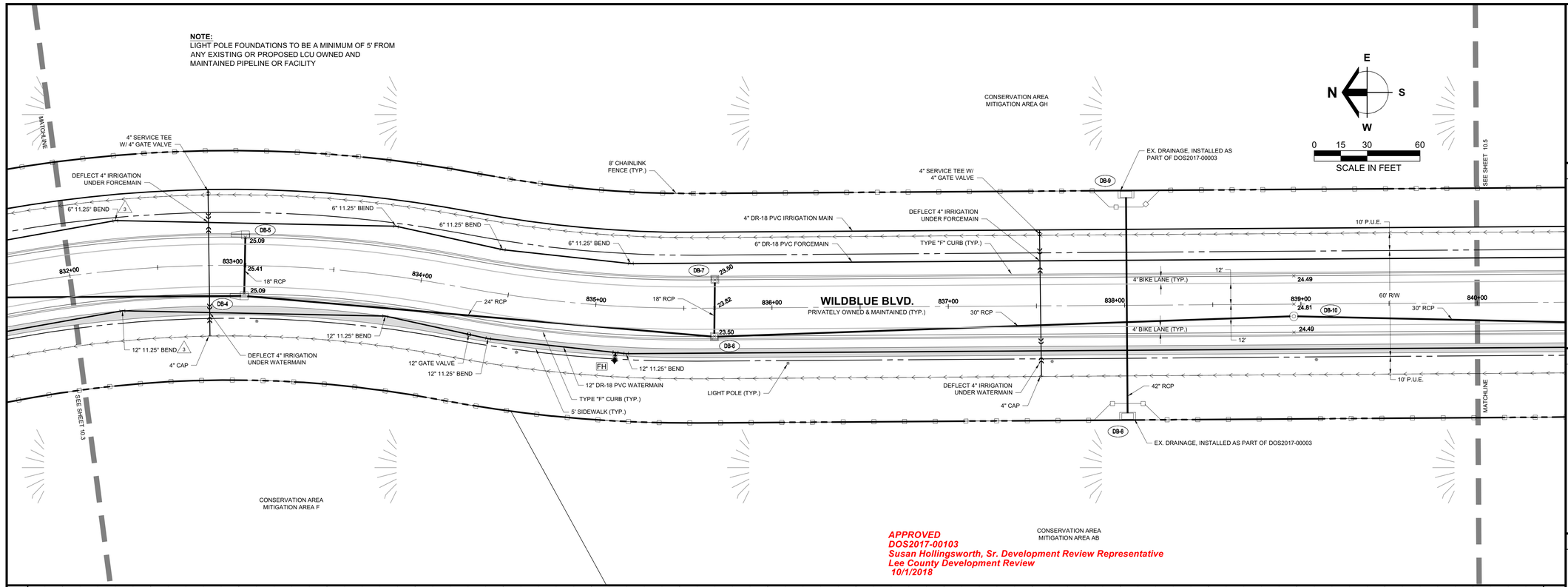
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

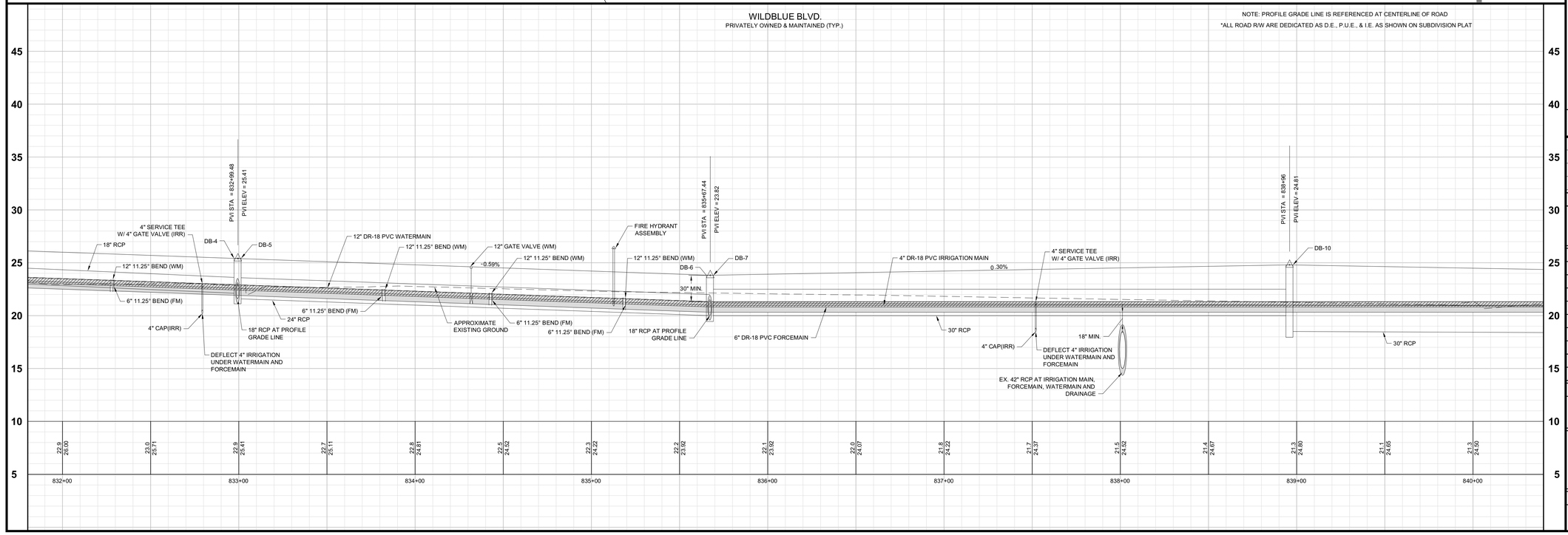
PLAN AND PROFILE WILDBLUE BLVD. STA: 824+00 TO 832+00

PROJECT / FILE NO.	SHEET NUMBER
23675	10.3

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



APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018



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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	23675A30A.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:00 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

3-30-18	DO COMMENTS DATED 12-21-17	1
8-23-18	DO COMMENTS DATED 8-20-18	3

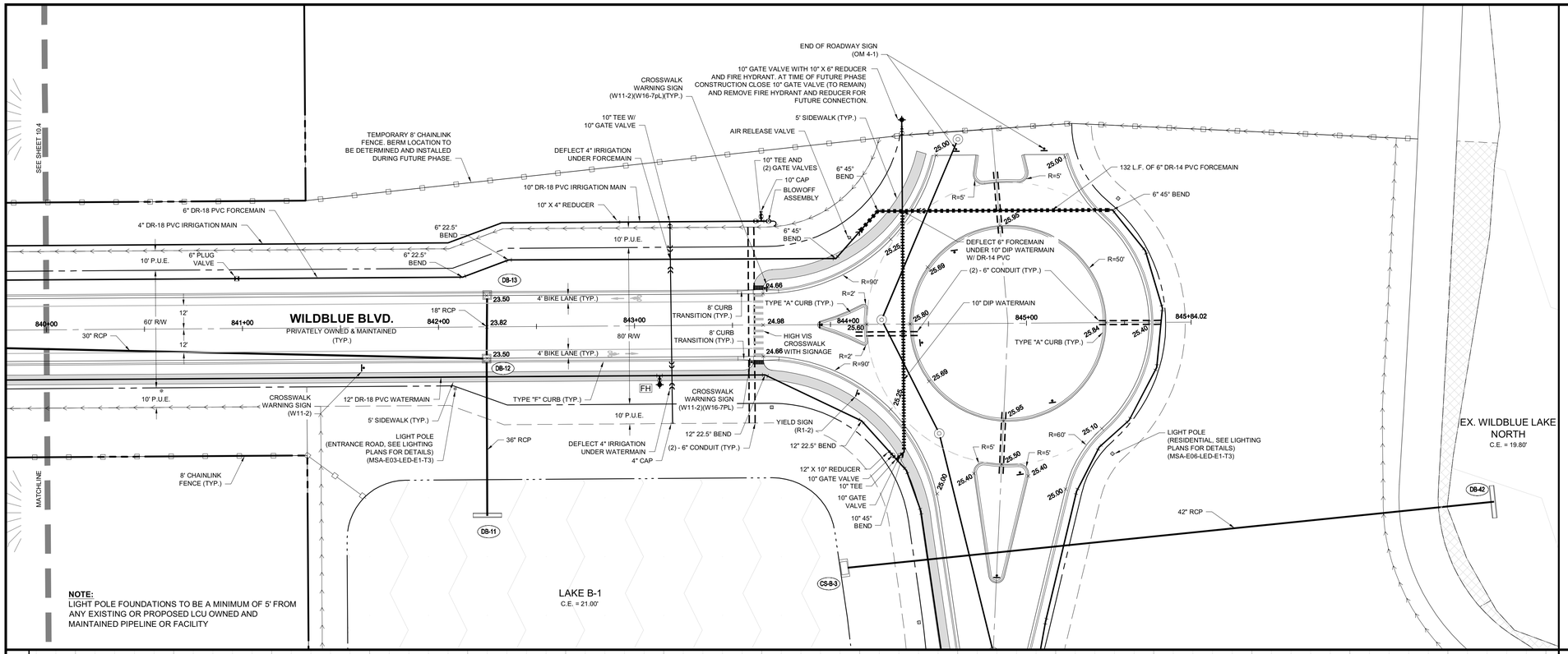
PLAN STATUS

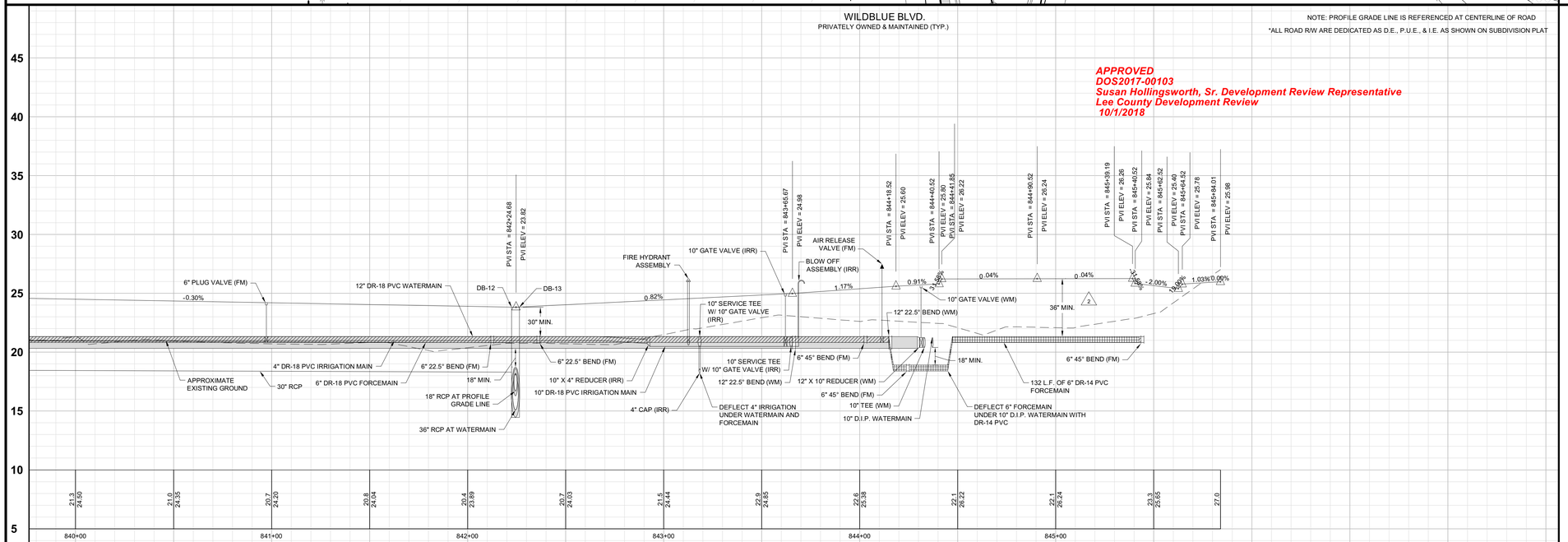
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

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

PROJECT / FILE NO.	SHEET NUMBER
23675	10.4

DOS2017-00103 Lee County ePlan





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ENGINEERING 7995 - SURVEYING LB-6940

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PREPARED FOR

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LENNAR HOMES
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PROJECT DESCRIPTION

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LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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FILE NAME	23675A30A.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:00 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

3-30-18	DO COMMENTS DATED 12-21-17 (1)
7-11-18	DO COMMENTS DATED 5-10-18 (2)

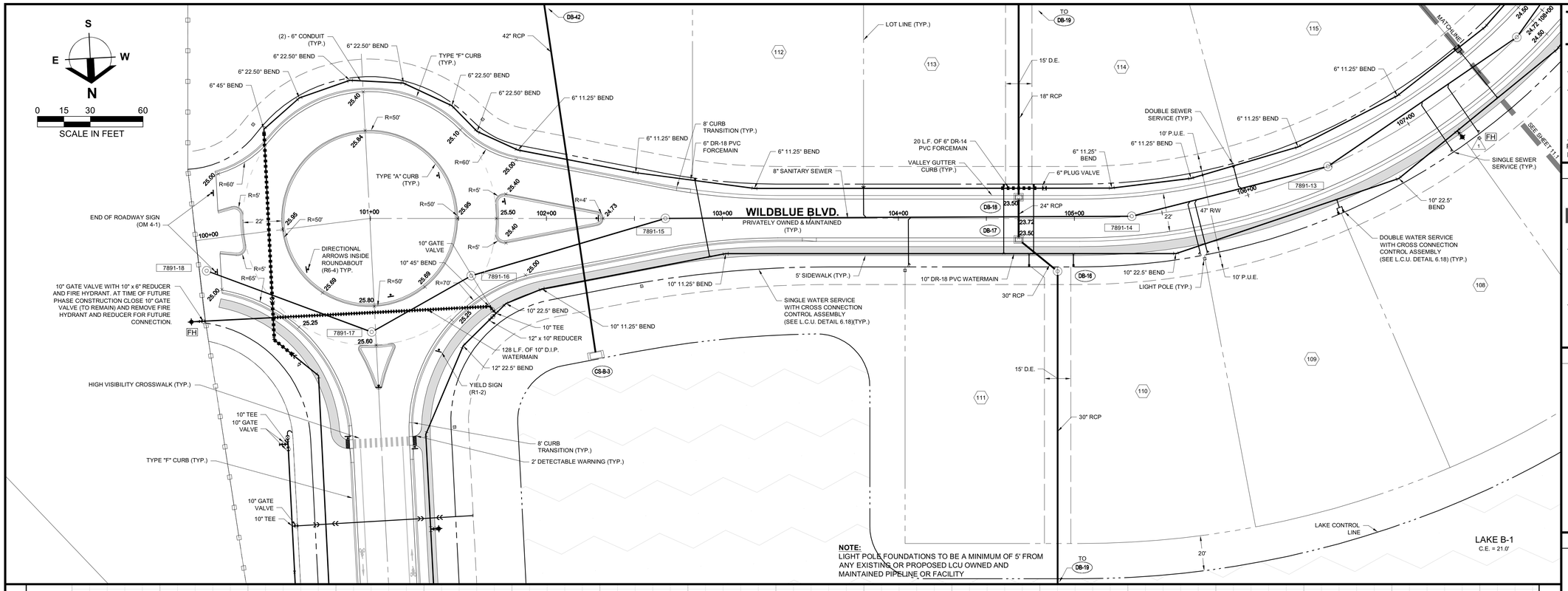
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

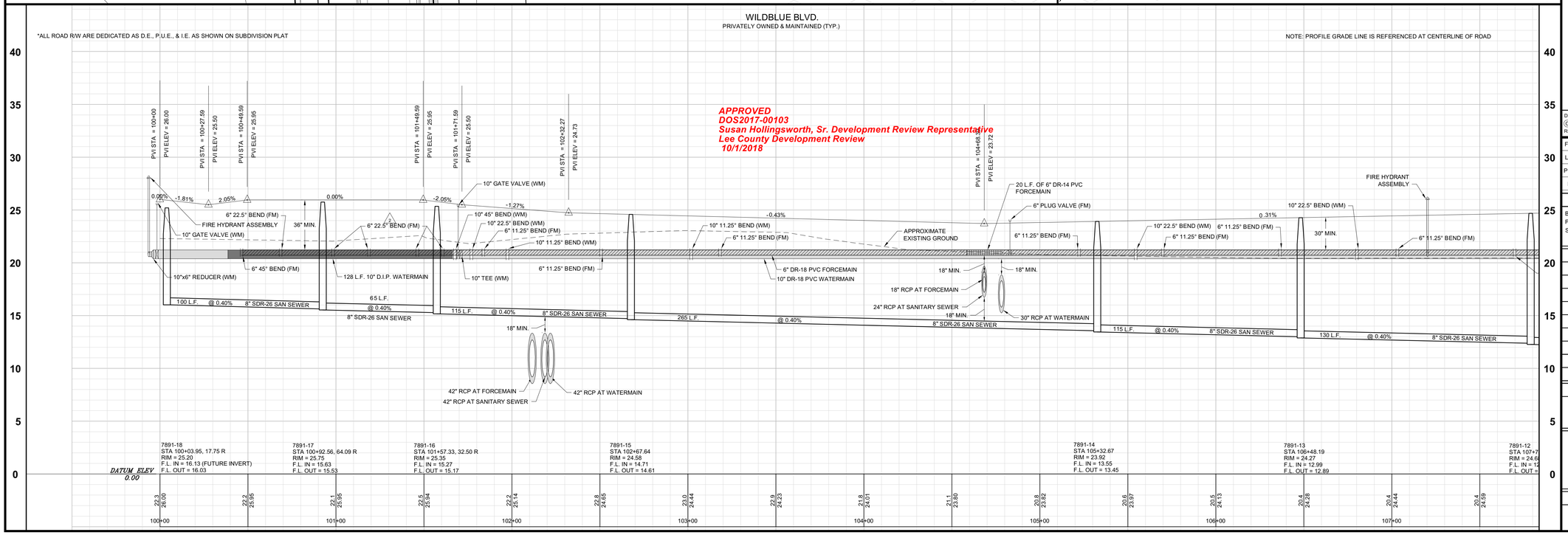
PLAN AND PROFILE WILDBLUE BLVD. STA: 840+00 TO END

PROJECT / FILE NO.	SHEET NUMBER
23675	10.5

DOS2017-00103 Lee County ePlan



NOTE:
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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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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FILE NAME	23675A30B.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:00 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

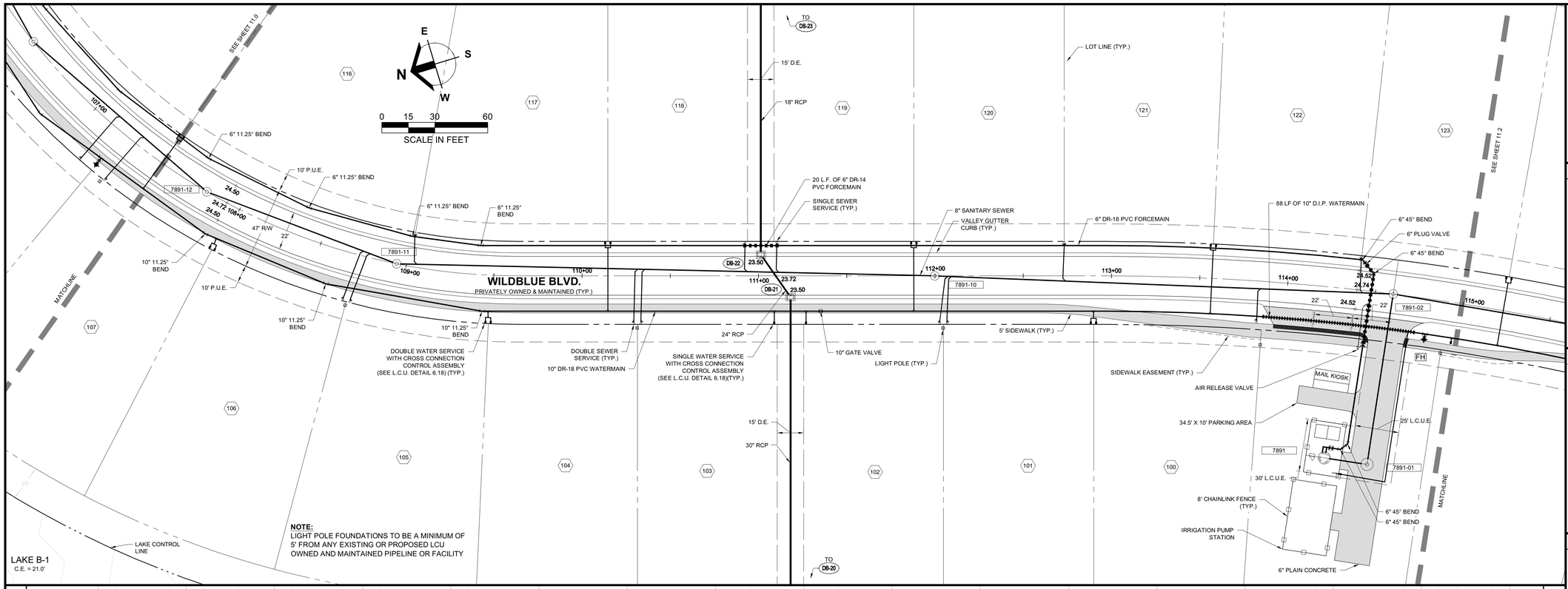
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7-12-18	DO COMMENTS DATED 5-10-18	2

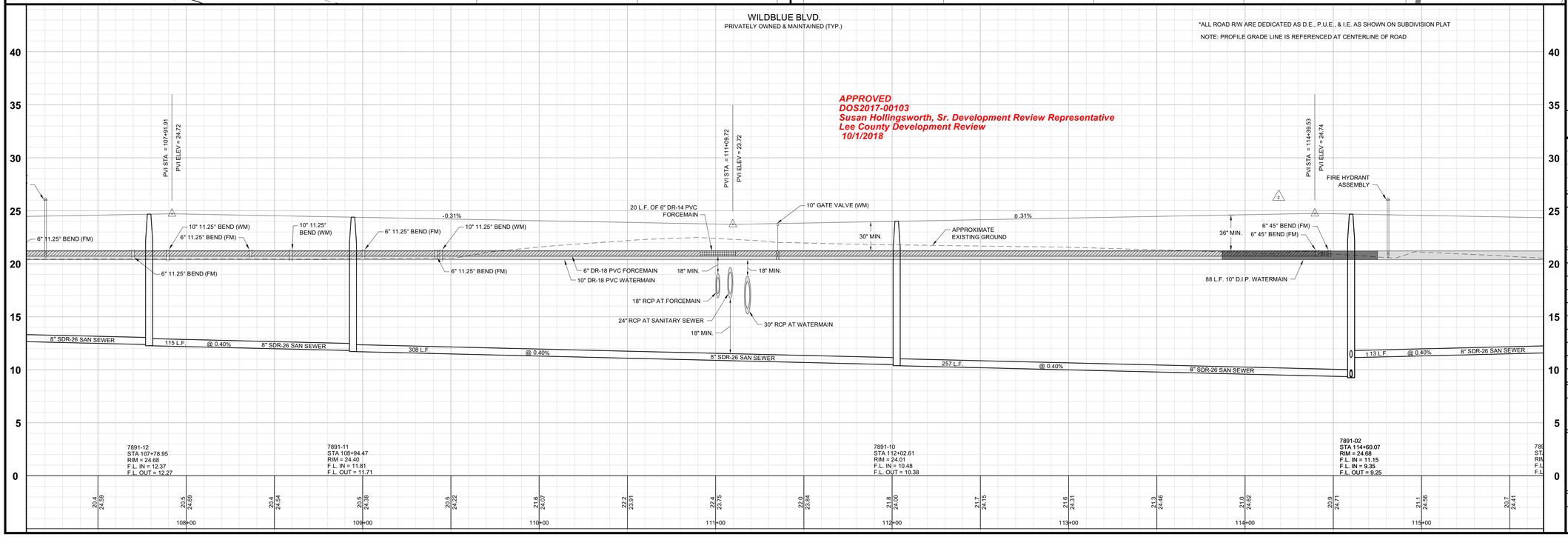
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

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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LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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FILE NAME	23675A30B.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:00 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

7-12-18	DO COMMENTS DATED 5-10-18 (2)

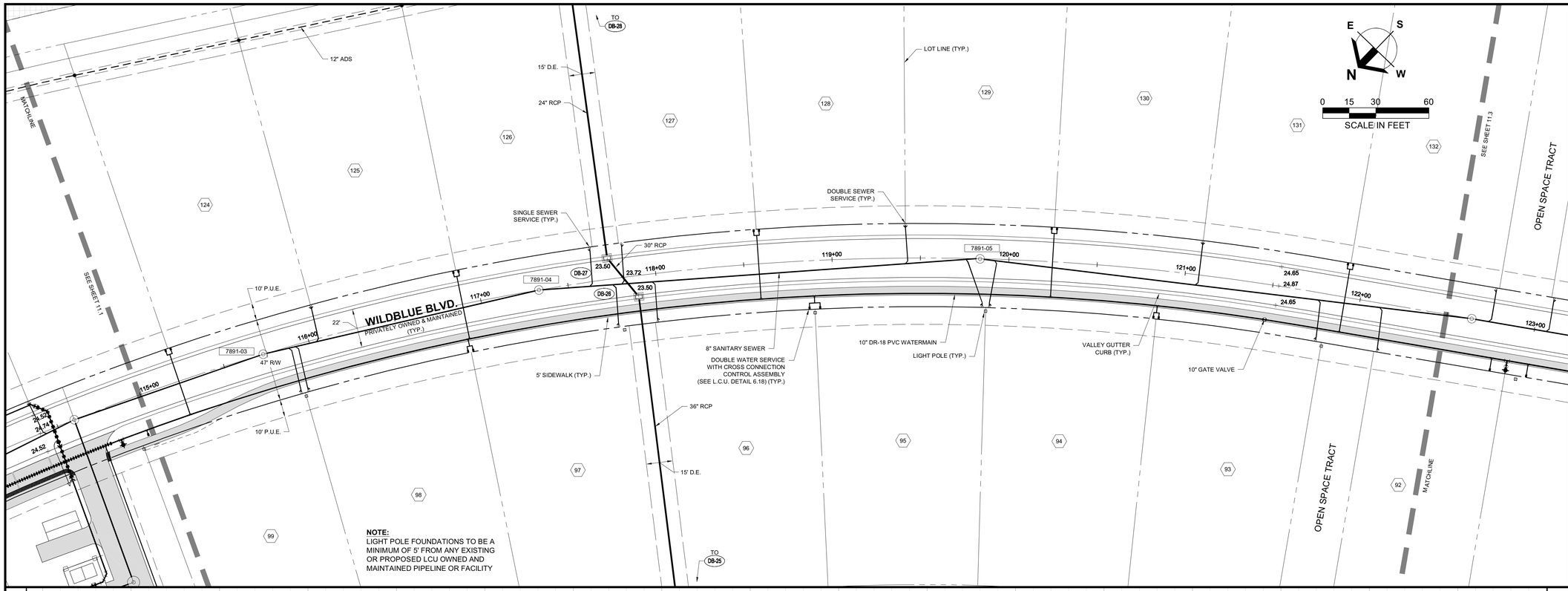
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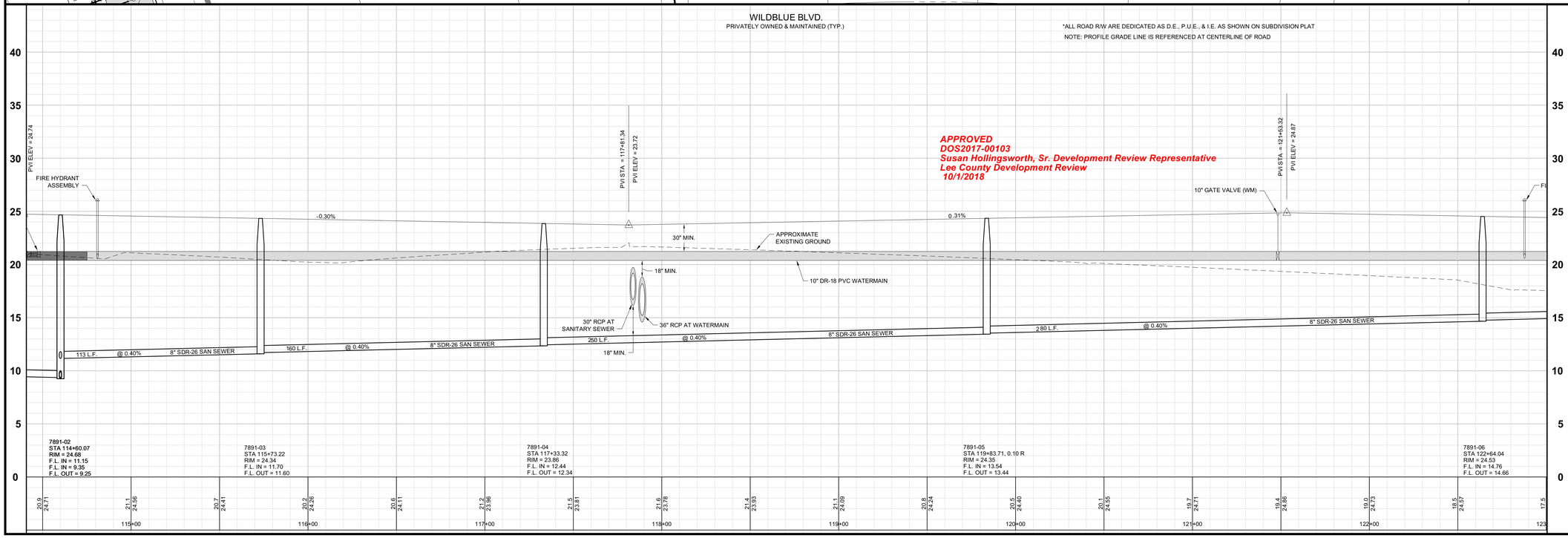
APPROVAL SUBMITTALS PLANS
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PLAN AND PROFILE WILDBLUE BLVD. STA: 107+50 TO 115+00

PROJECT / FILE NO.	SHEET NUMBER
23675	11.1

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FILE NAME	23675A30B.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:01 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

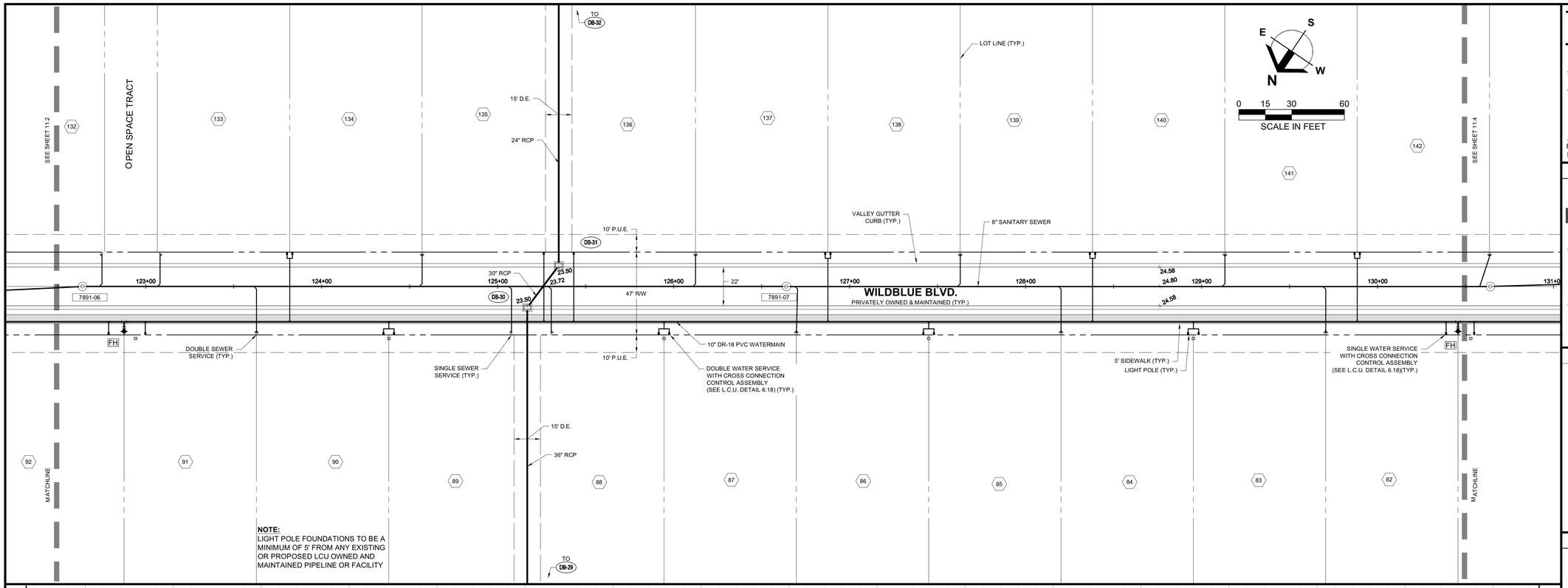
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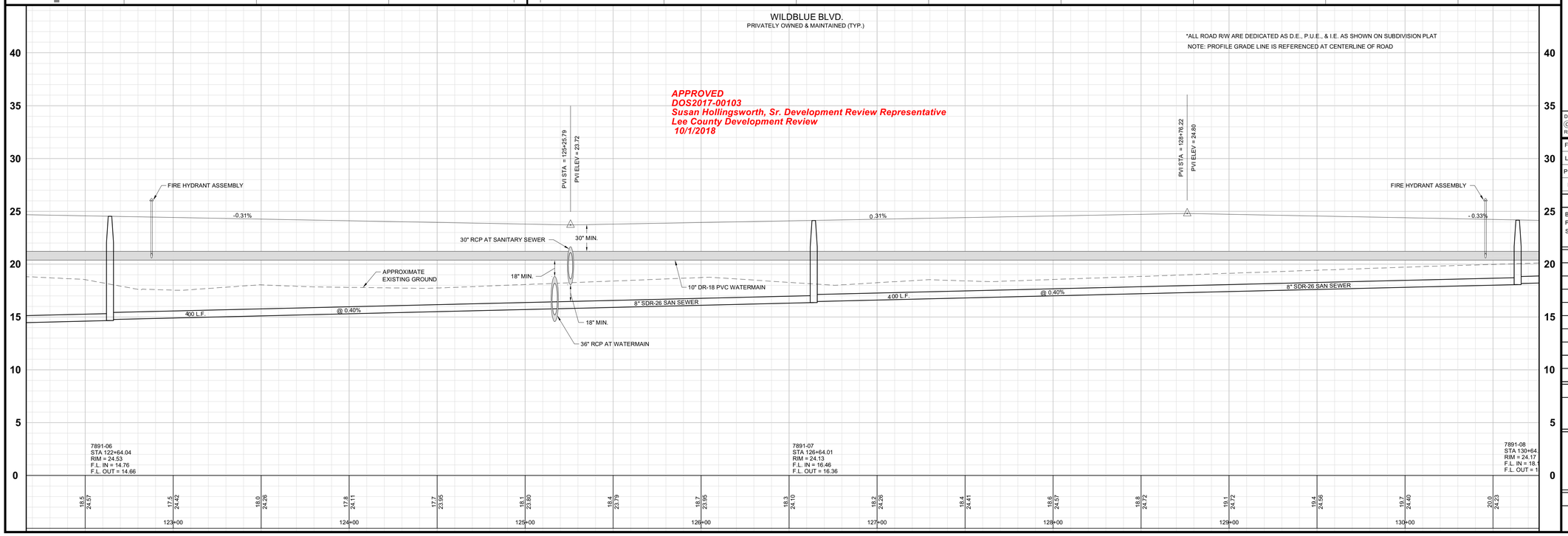
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

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

PROJECT / FILE NO.	SHEET NUMBER
23675	11.2

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PREPARED FOR

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PROJECT DESCRIPTION

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ENGINEER OF RECORD

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LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:01 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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PROFILE = 23675A00P.DWG
SURVEY = 2337ZS00.DWG

PLAN REVISIONS

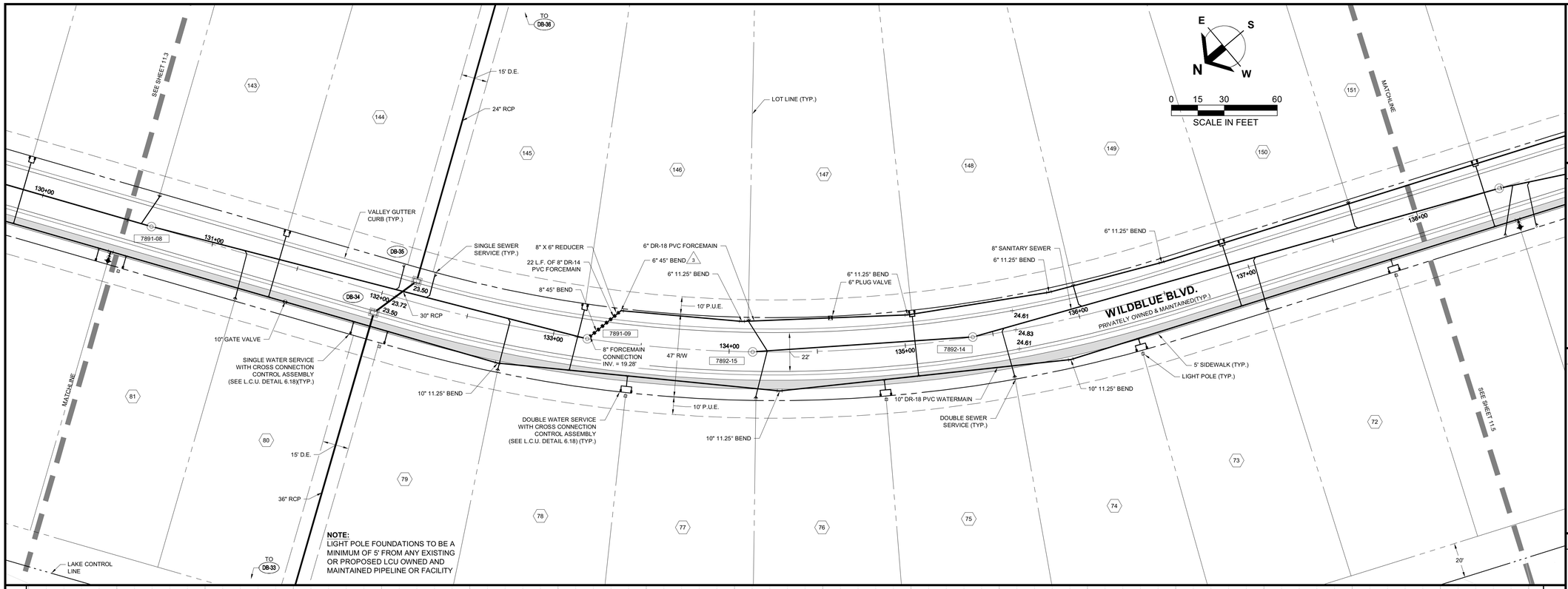
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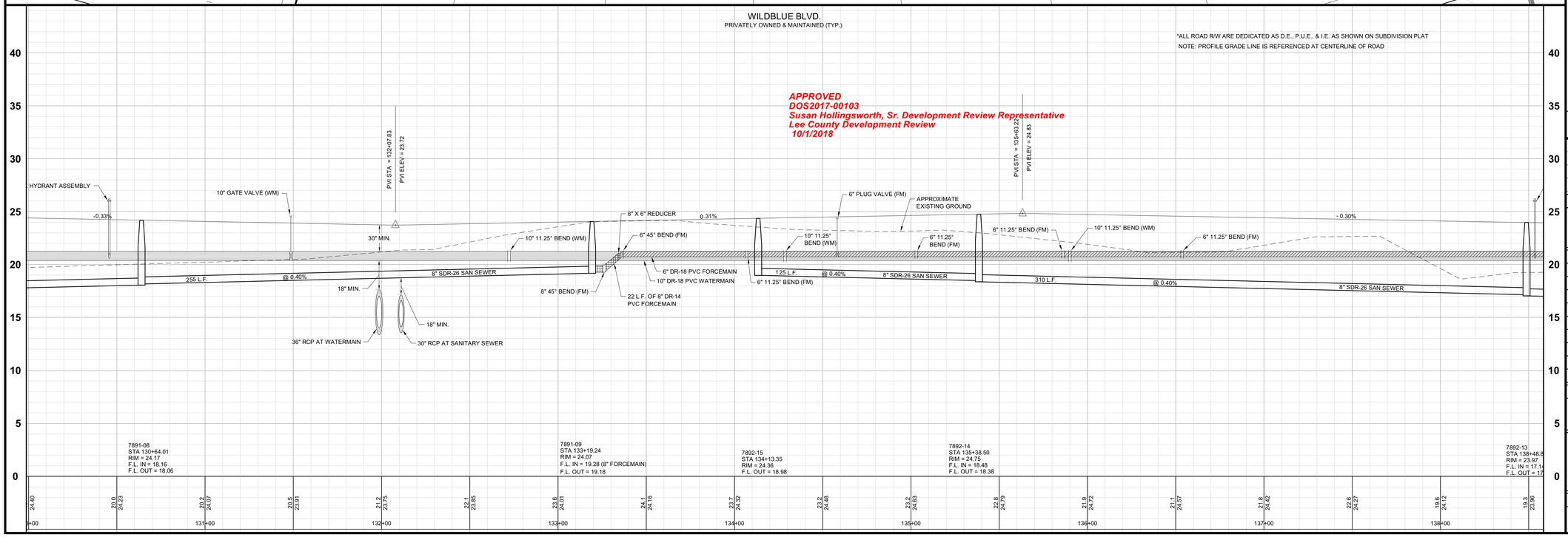
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

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

PROJECT / FILE NO.	SHEET NUMBER
23675	11.3

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PROJECT DESCRIPTION

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ENGINEER OF RECORD

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FILE NAME	23675A30B.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:01 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

8-23-18	DO COMMENTS DATED 8-20-18 3

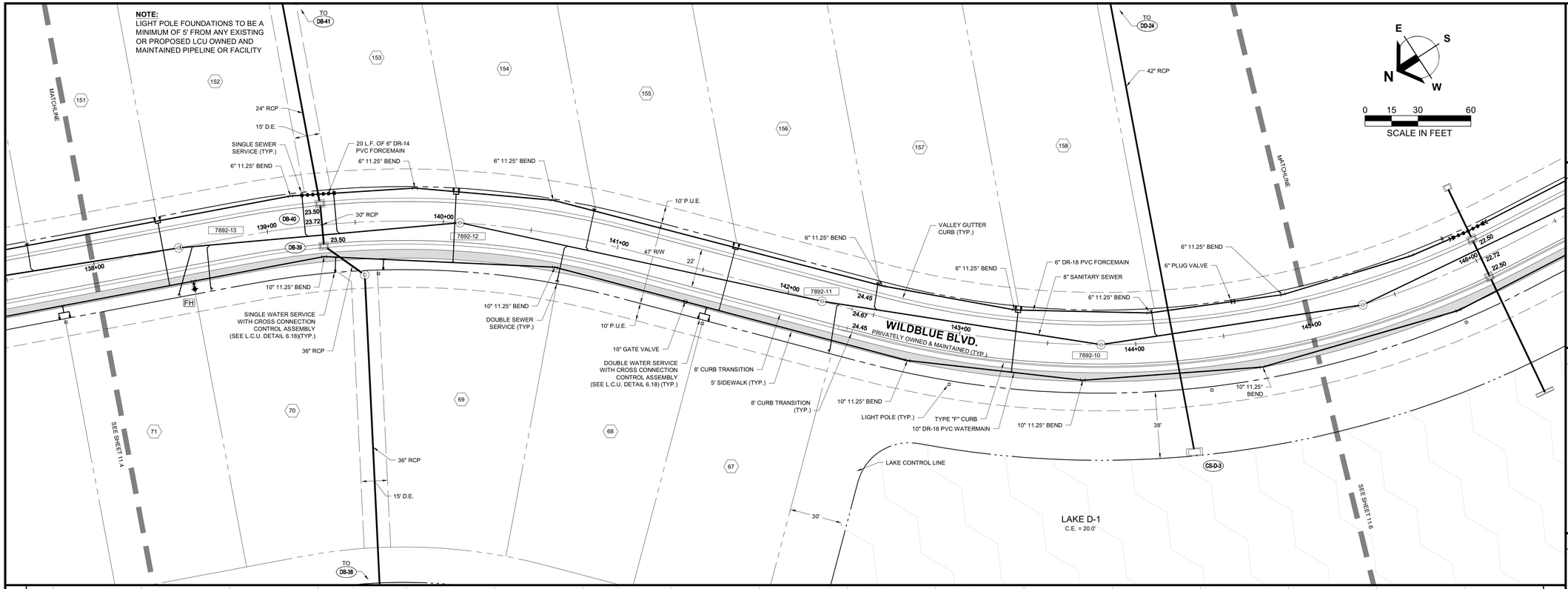
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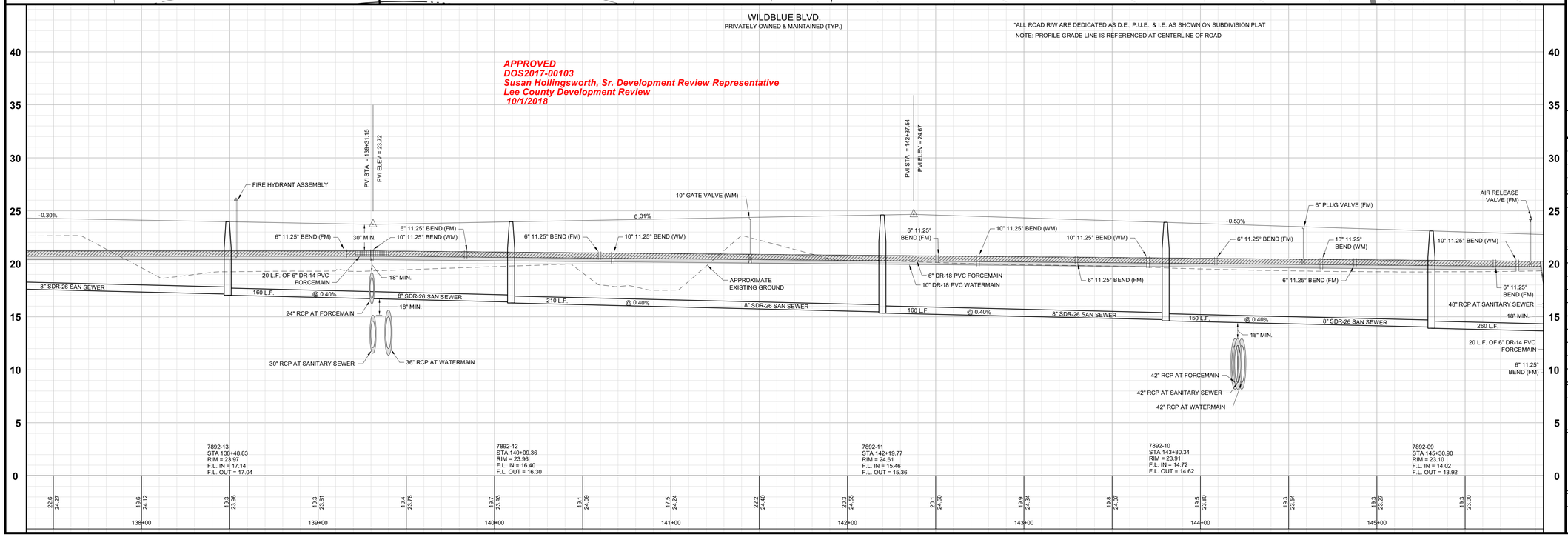
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

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

PROJECT / FILE NO.	SHEET NUMBER
23675	11.4

DOS2017-00103 Lee County ePlan





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PREPARED FOR

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PROJECT DESCRIPTION

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FILE NAME	23675A30B.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:01 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

PLAN STATUS

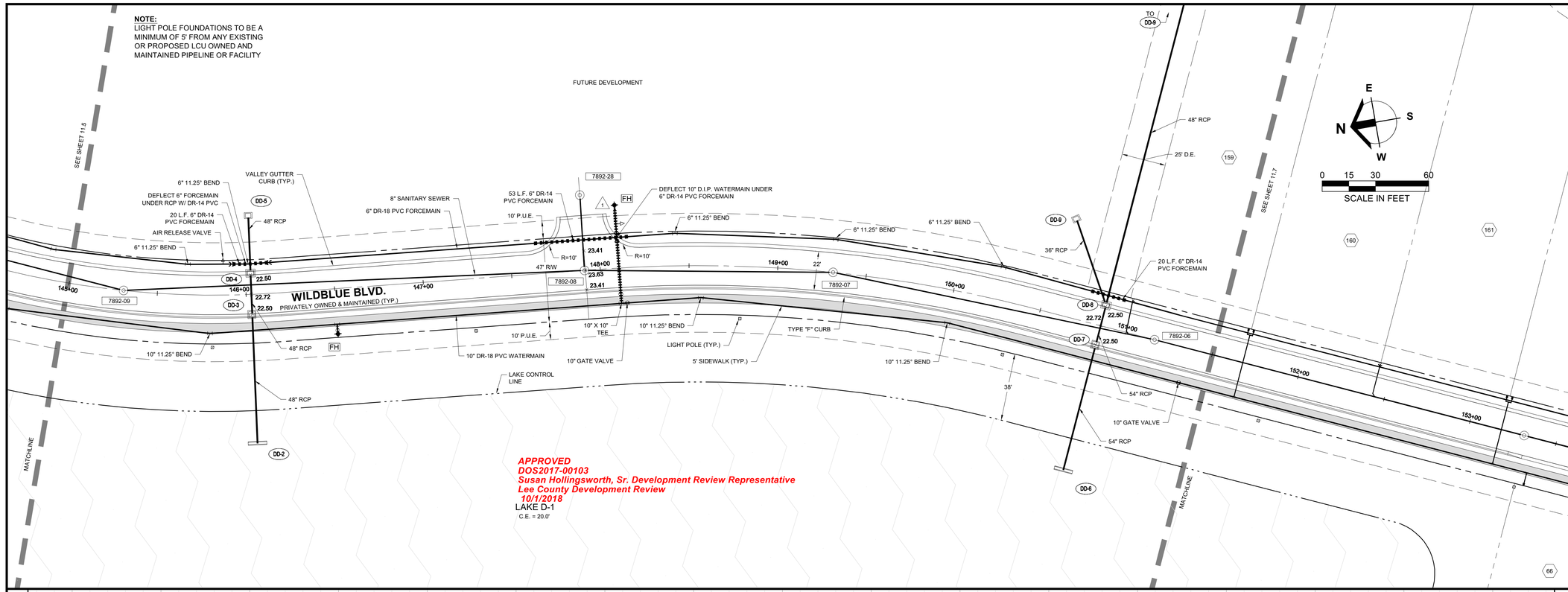
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

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

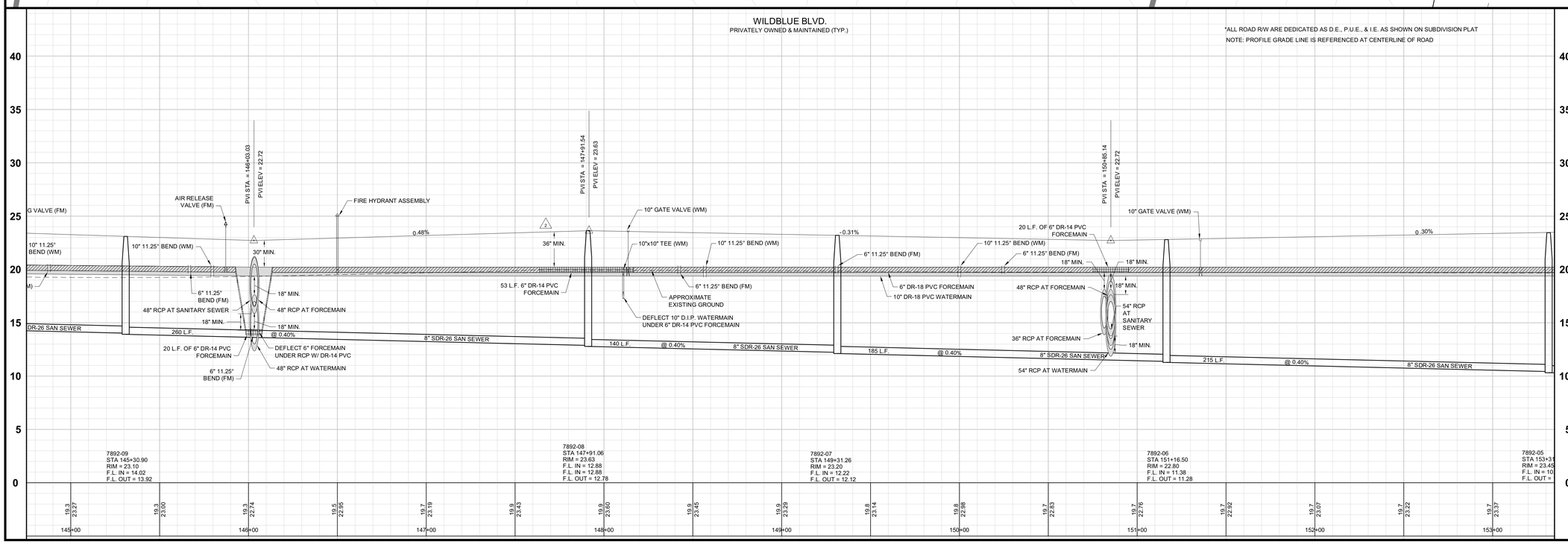
PROJECT / FILE NO.	SHEET NUMBER
23675	11.5

DOS2017-00103 Lee County ePlan

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



APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018
LAKE D-1
C.E. = 20.0'



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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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LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:01 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

3-30-18	DO COMMENTS DATED 12-21-17	1
7-12-18	DO COMMENTS DATED 5-10-18	2

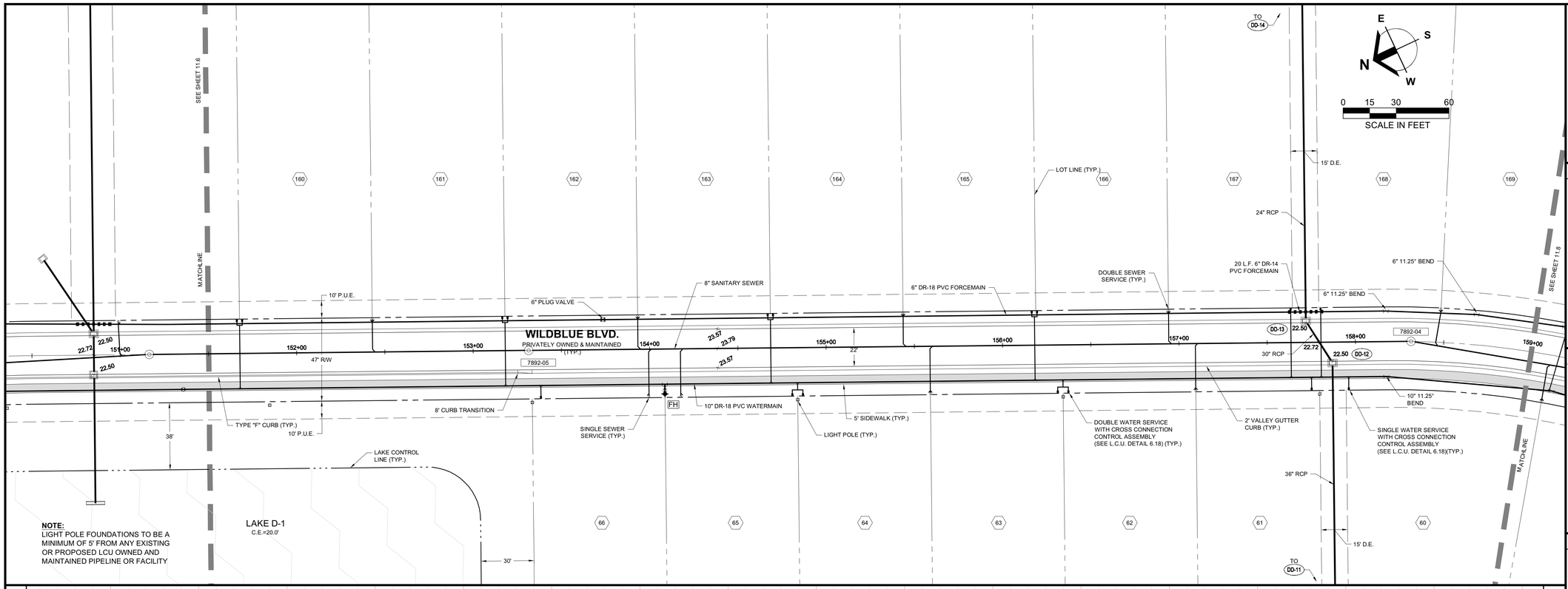
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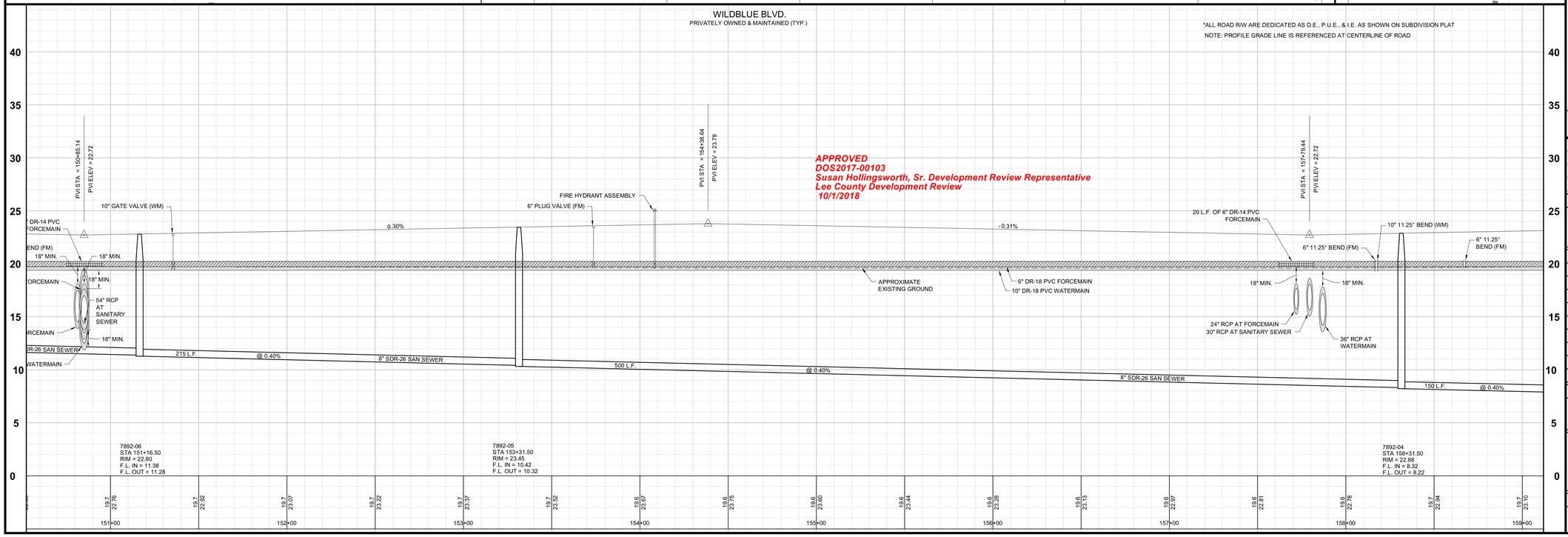
APPROVAL SUBMITTALS PLANS
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PLAN AND PROFILE WILDBLUE BLVD. STA: 145+00 TO 151+50

PROJECT / FILE NO.	SHEET NUMBER
23675	11.6

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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\
PLOT DATE	THU. 9-6-2018 - 12:01 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

PLAN STATUS

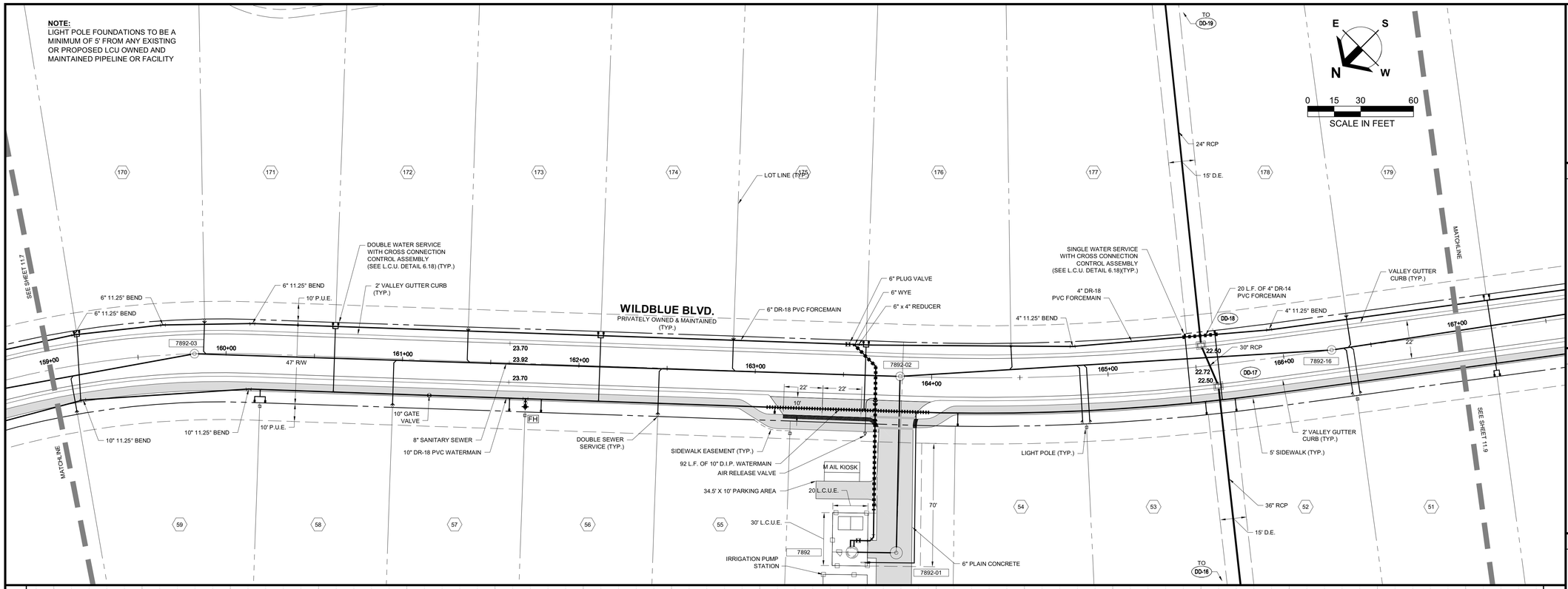
APPROVAL SUBMITTALS PLANS
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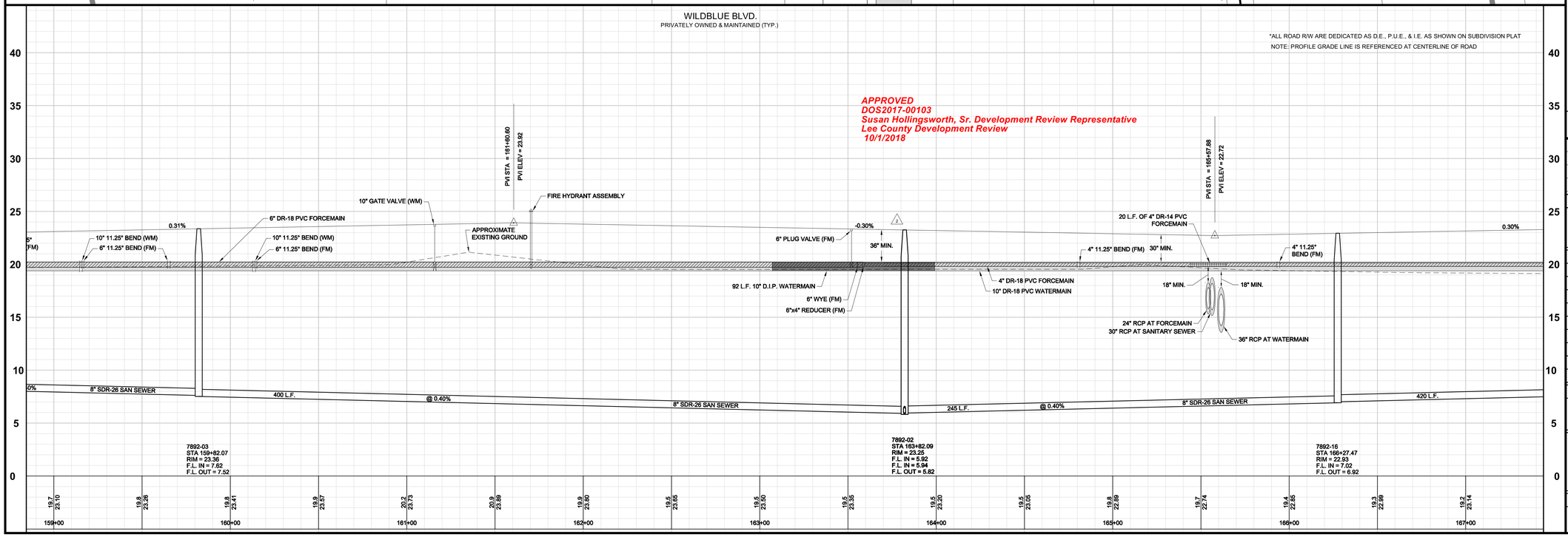
PLAN AND PROFILE WILDBLUE BLVD. STA: 151+50 TO 159+00

PROJECT / FILE NO.	SHEET NUMBER
23675	11.7

DOS2017-00103 Lee County ePlan

NOTE:
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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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
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FORT MYERS, FLORIDA 33966

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LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:02 PM
PLOT BY	SCOTT WHEELER JR

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SURVEY = 23372S00.DWG

PLAN REVISIONS

7-12-18	DO COMMENTS DATED 5-10-18 (2)

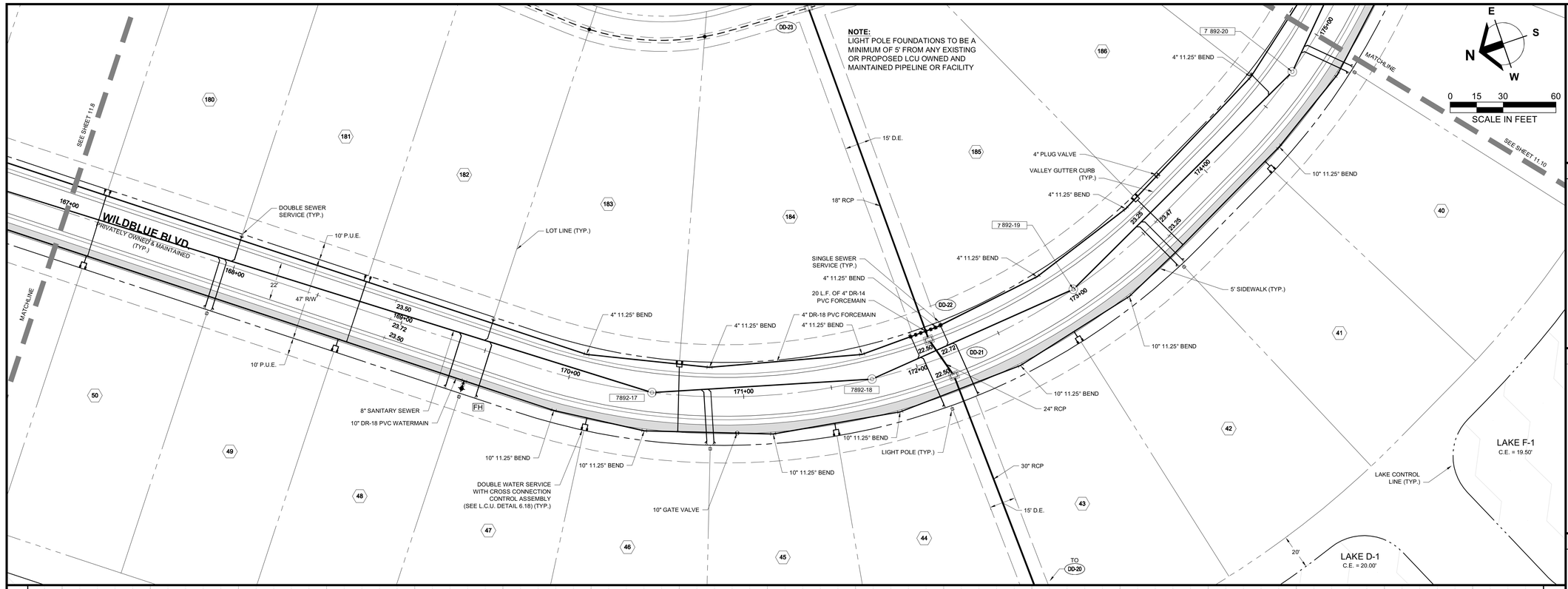
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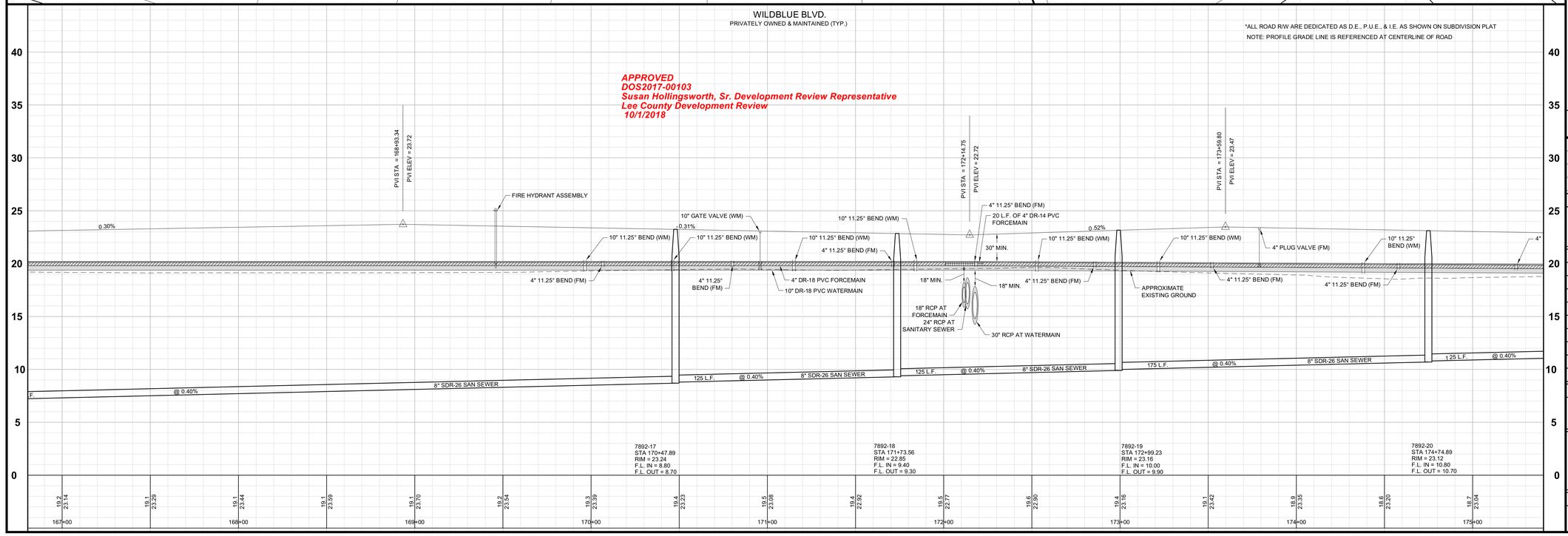
APPROVAL SUBMITTALS PLANS
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PLAN AND PROFILE WILDBLUE BLVD. STA: 159+00 TO 167+00

PROJECT / FILE NO.	SHEET NUMBER
23675	11.8

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PROJECT DESCRIPTION

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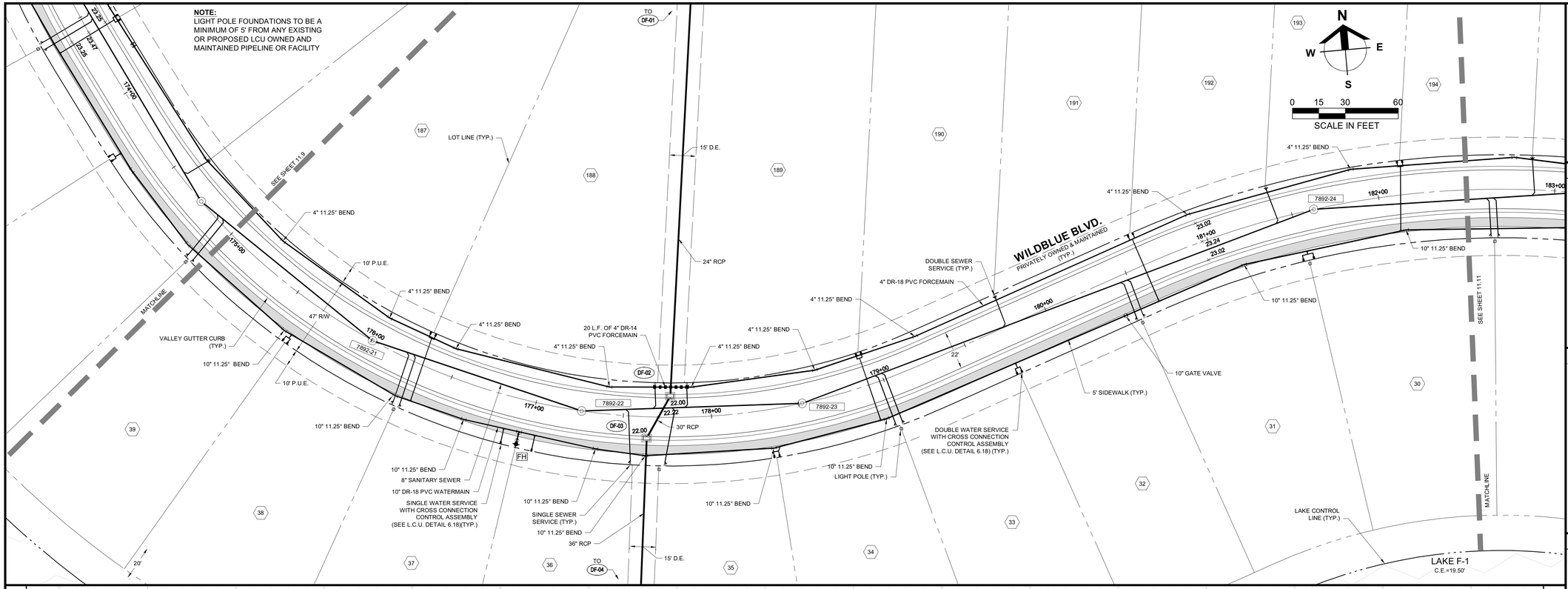
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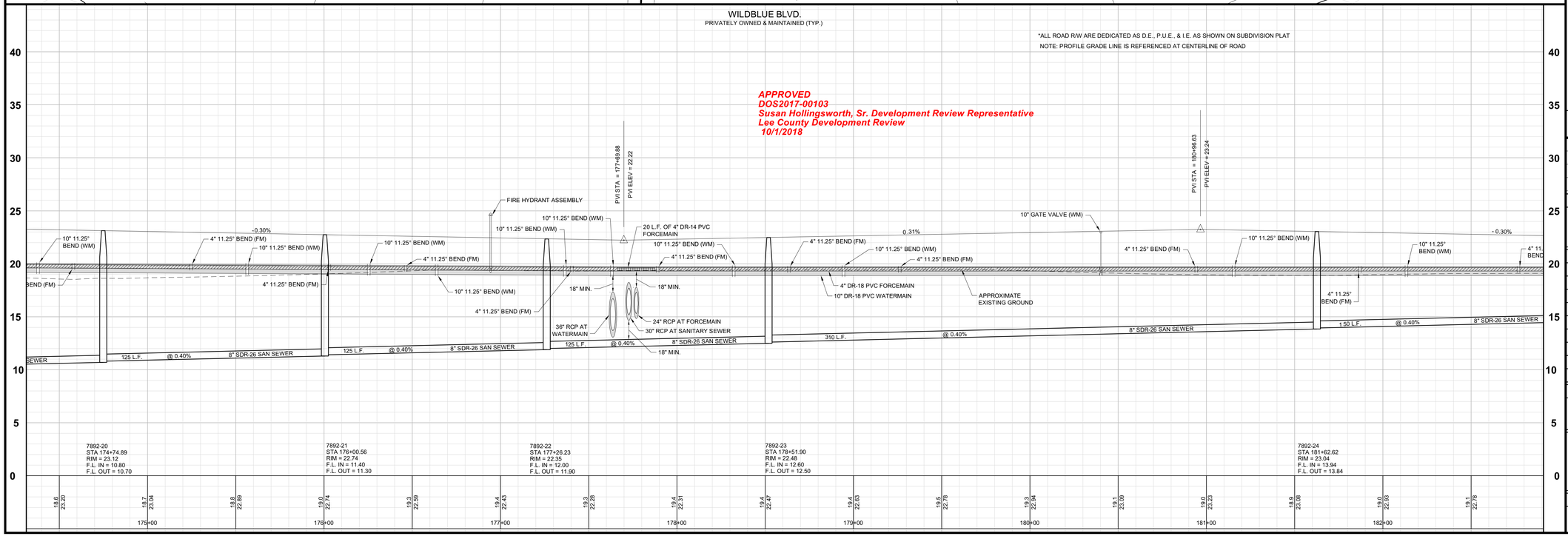
PLAN AND PROFILE WILDBLUE BLVD. STA: 167+00 TO 175+00

PROJECT / FILE NO.	SHEET NUMBER
23675	11.9

DOS2017-00103 Lee County ePlan

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PROJECT DESCRIPTION

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PLAN REVISIONS

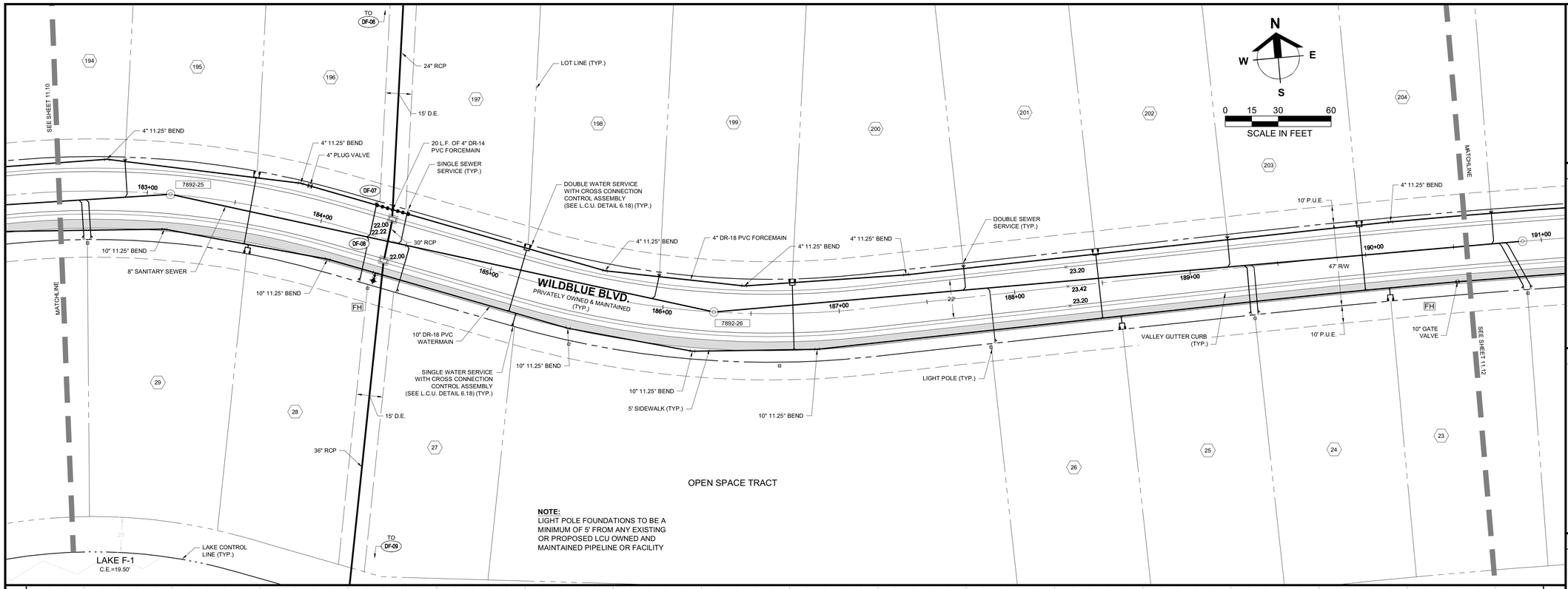
PLAN STATUS

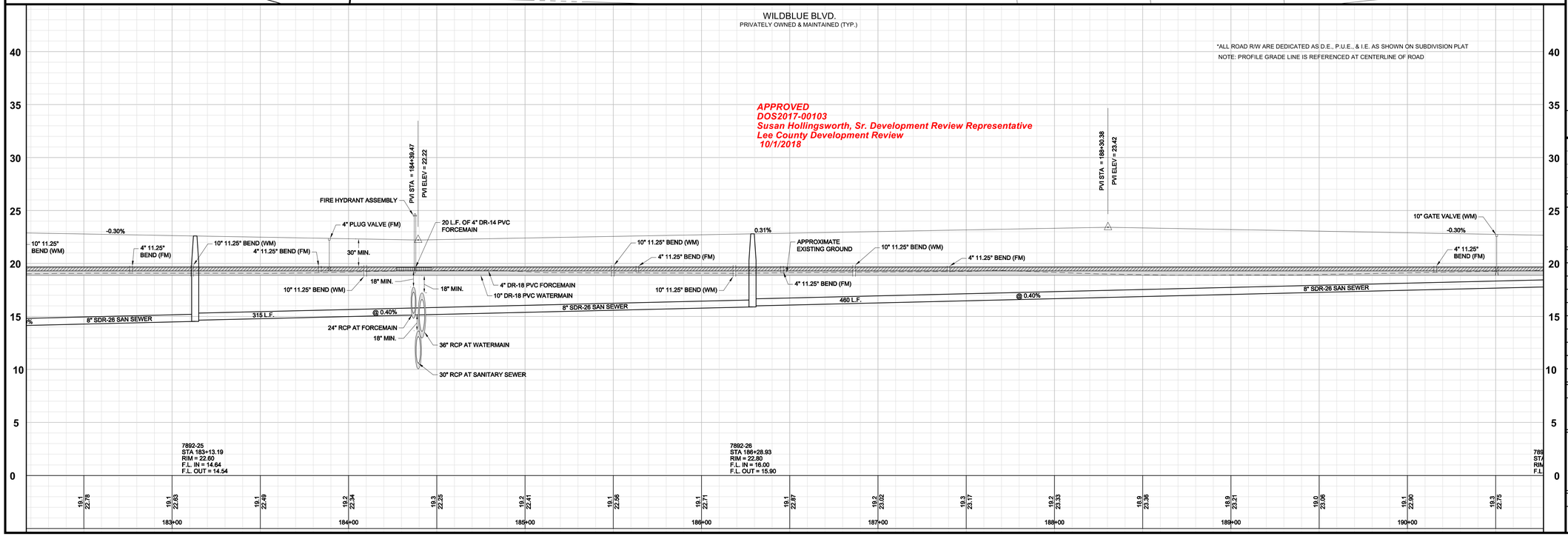
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PLAN AND PROFILE WILDBLUE BLVD. STA: 175+00 TO 182+50

PROJECT / FILE NO.	SHEET NUMBER
23675	11.10

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PROJECT DESCRIPTION

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PLAN REVISIONS

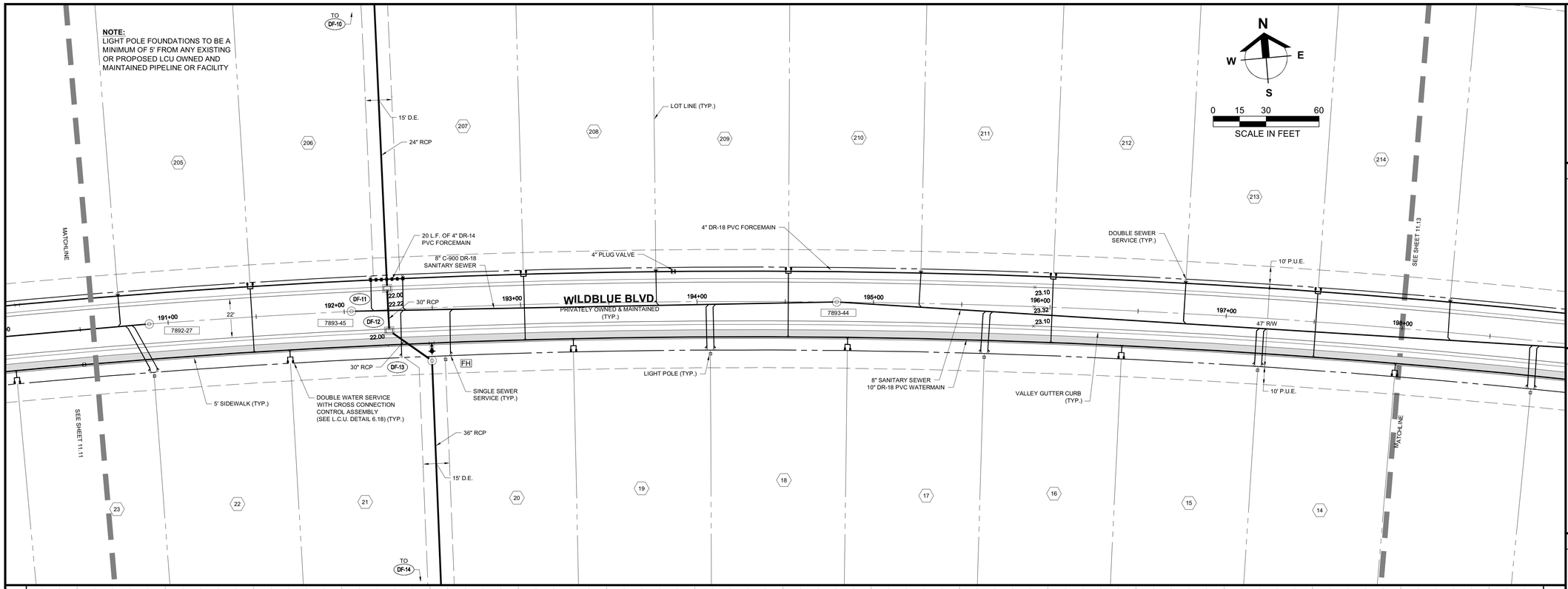
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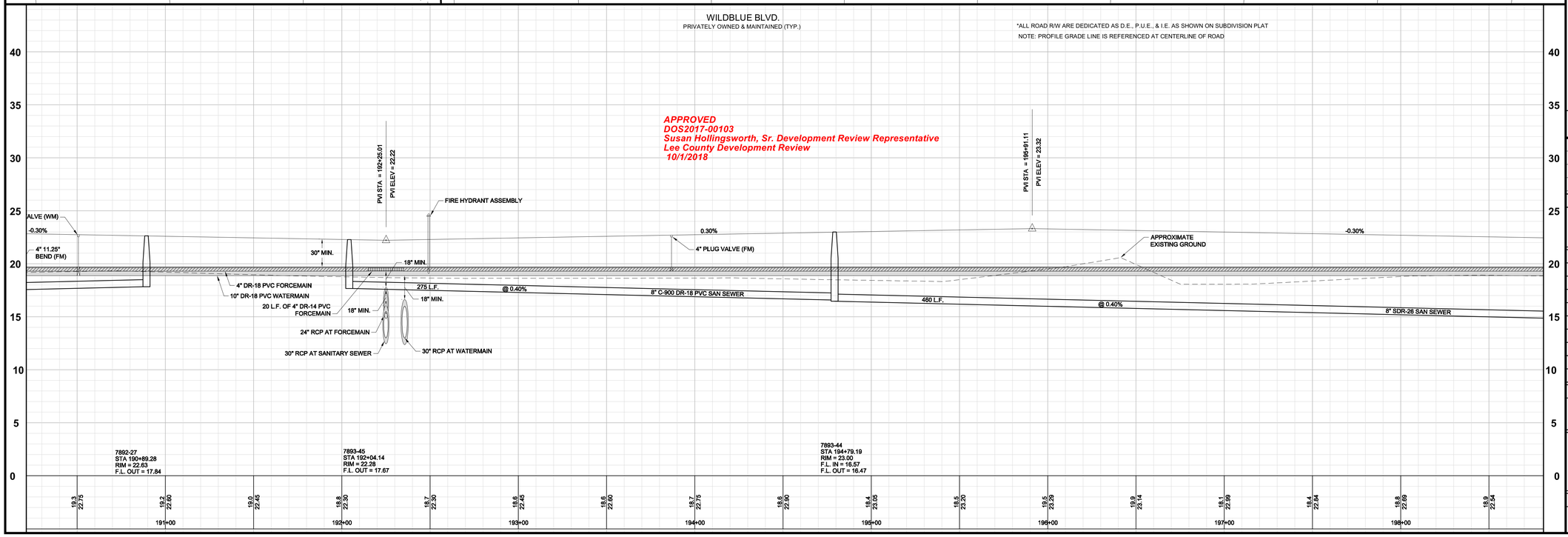
APPROVAL SUBMITTALS PLANS
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PLAN AND PROFILE WILDBLUE BLVD. STA: 182+50 TO 190+50

PROJECT / FILE NO.	SHEET NUMBER
23675	11.11

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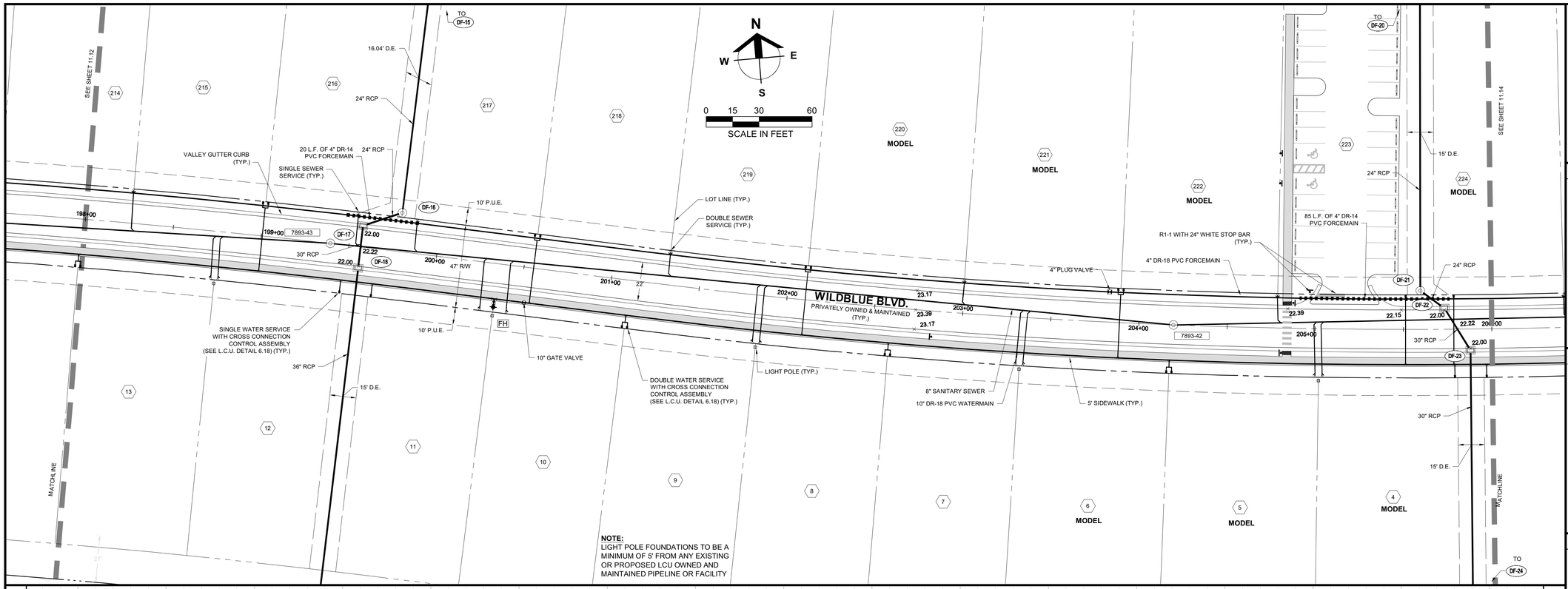
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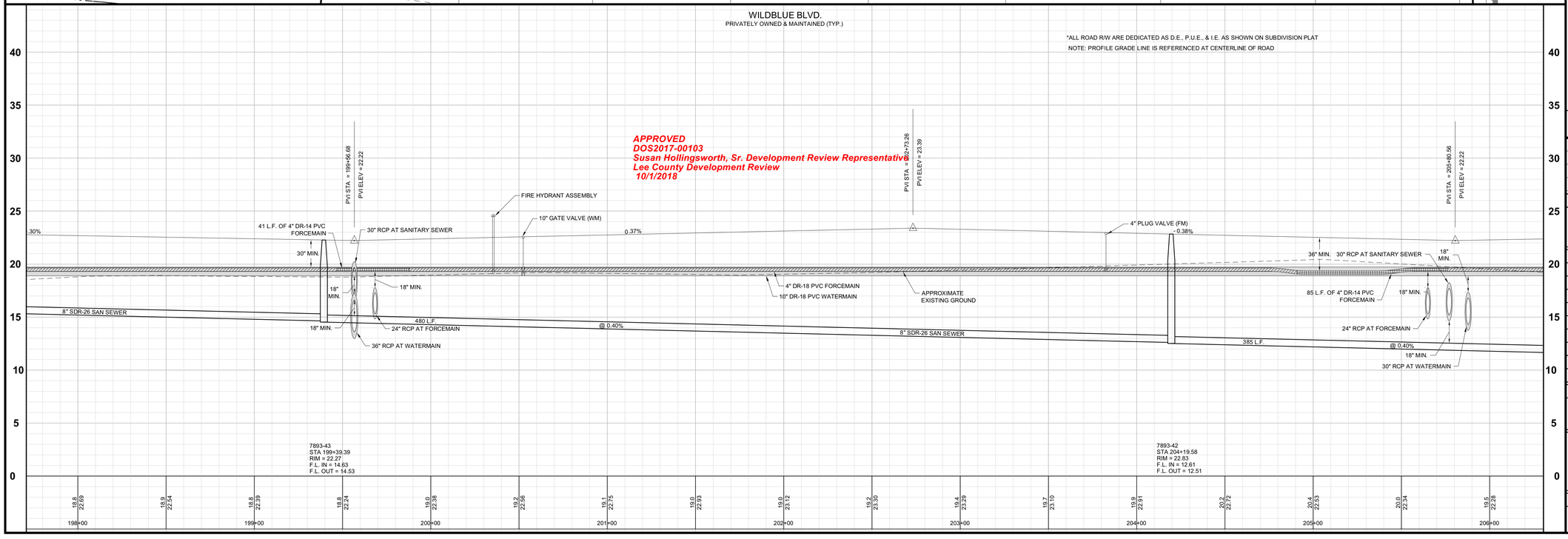
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

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

PROJECT / FILE NO.	SHEET NUMBER
23675	11.12

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LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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SURVEY = 23372S00.DWG

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

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

PROJECT / FILE NO.	SHEET NUMBER
23675	11.13

DOS2017-00103 Lee County ePlan

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

N
W E
S

0 15 30 60
SCALE IN FEET

WILDBLUE BLVD.
PRIVATELY OWNED & MAINTAINED (TYP.)

BLUE EYE LOOP
PRIVATELY OWNED & MAINTAINED (TYP.)

MODEL 224 · MODEL 225 · MODEL 226 · MODEL 3 · MODEL 2 · MODEL 1

SEE SHEET 11.13 · SEE SHEET 11.15 · MATCHLINE · TO DF-38 · TO C8-F-3

42" RCP · 4" DR-18 PVC FORCEMAIN · 10' P.U.E. · 22' · 47' R/W · 8' CURB TRANSITION (TYP.) · 8" SANITARY SEWER · TYPE "F" CURB · 1 - 2" IRRIGATION CONDUIT · 1 - 4" IRRIGATION CONDUIT · 4" 11.25° BEND · 4" 22.5° BEND · TYPE "A" CURB (TYP.) · R=5' · R=3' · SIGN R4-7 · SIGN R1-2 · SIGN R6-4 (TYP.) · 90 L.F. OF 10" D.I.P. WATERMAIN · 10" 22.5° BEND · 10" 45° BEND · 10" GATE VALVE · 10" CAP · FUTURE CONNECT TO BE 10" X 4" REDUCER · 10" TEE · REMOVED EX. TEMPORARY BLOWOFF ASSEMBLY AND CONNECT FOR FUTURE DEVELOPMENT · DOS2018-00007 · 7893-40 · 7893-41 · 7893-39 · 7893-38 · 208+00 · 209+00 · 210+00 · 211+00 · 212+00 · FH · DF-25 · DF-26 · DF-27

DOUBLE SEWER SERVICE (TYP.) · 5' SIDEWALK (TYP.) CONCRETE MULTI-USE PATH (TYP.) · 10" DR-18 PVC WATERMAIN · DOUBLE WATER SERVICE WITH CROSS CONNECTION CONTROL ASSEMBLY (SEE L.C.U. DETAIL 6.18) (TYP.) · SINGLE SEWER SERVICE (TYP.) · LIGHT POLE (TYP.) · 10" 11.25° BEND · 5' SIDEWALK (TYP.) · 10" DR-18 PVC IRRIGATION MAIN · 10" 11.25° BEND · 10" DR-18 PVC WATERMAIN · 4" WYE · 4" PLUG VALVE · 37 L.F. OF 4" DR-14 PVC FORCEMAIN · DEFLECT 10" IRRIGATION MAIN UNDER 4" FORCEMAIN · 18" RCP · 36" RCP · 42" RCP

TEMPORARY FORCEMAIN: TO SERVE PHASE 1 IN DOS2017-00103 MODEL HOMES UNTIL SEWER TRANSMISSION SYSTEM IS CONSTRUCTED TO ALICO ROAD. AT SUCH TIME PLUG VALVE TO BE CLOSED AND TEMPORARY FORCEMAIN TO BE ABANDONED.

WILDBLUE BLVD.
PRIVATELY OWNED & MAINTAINED (TYP.)

*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

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

PVI STA = 205+80.56 · PVI ELEV = 22.22
PVI STA = 207+20.62 · PVI ELEV = 22.66
PVI STA = 208+23.08 · PVI ELEV = 23.34
PVI STA = 208+68.49 · PVI ELEV = 23.65
PVI STA = 209+60.49 · PVI ELEV = 24.09
PVI STA = 209+90.49 · PVI ELEV = 24.09
PVI STA = 210+12.49 · PVI ELEV = 23.65
PVI STA = 210+77.48 · PVI ELEV = 23.13
PVI STA = 211+72.48 · PVI ELEV = 22.51
PVI STA = 212+25.78 · PVI ELEV = 22.22

0.31% · 0.66% · 0.68% · 2.00% · 0.00% · -2.00% · -0.80% · -0.65% · -0.54% · 0.31%

FIRE HYDRANT ASSEMBLY · 10" GATE VALVE (WM) · 36" MIN. · 30" MIN. · 18" MIN. · 10" 11.25° BEND (WM) · 4" 11.25° BEND (FM) · 10" 22.5° BEND (WM) · 10" 45° BEND (WM) · 4" 22.5° BEND (FM) · 90 L.F. 10" D.I.P. WATERMAIN · 10" TEE (WM) · APPROXIMATE EXISTING GROUND · 4" DR-18 PVC FORCEMAIN · 10" DR-18 PVC WATERMAIN · 4" PLUG VALVE (FM) · 4" WYE (FM) · 18" RCP AT SANITARY SEWER · 18" RCP AT WATERMAIN · 10" 11.25° BEND (WM)

T SANITARY SEWER · VC AIN · AT FORCEMAIN · 30" RCP AT WATERMAIN · 42" RCP AT WATERMAIN · 42" RCP AT FORCEMAIN · 42" RCP AT SANITARY SEWER

@ 0.40% · 8" SDR-26 SAN SEWER · 145 L.F. · 85 L.F. · 175 L.F. · 150 L.F.

7893-41
STA 208+04.84, 1.33 L
RIM = 23.22
F.L. IN = 10.97
F.L. OUT = 10.87

7893-40
STA 209+58.51, 58.28 L
RIM = 23.77
F.L. IN = 10.29
F.L. OUT = 10.19

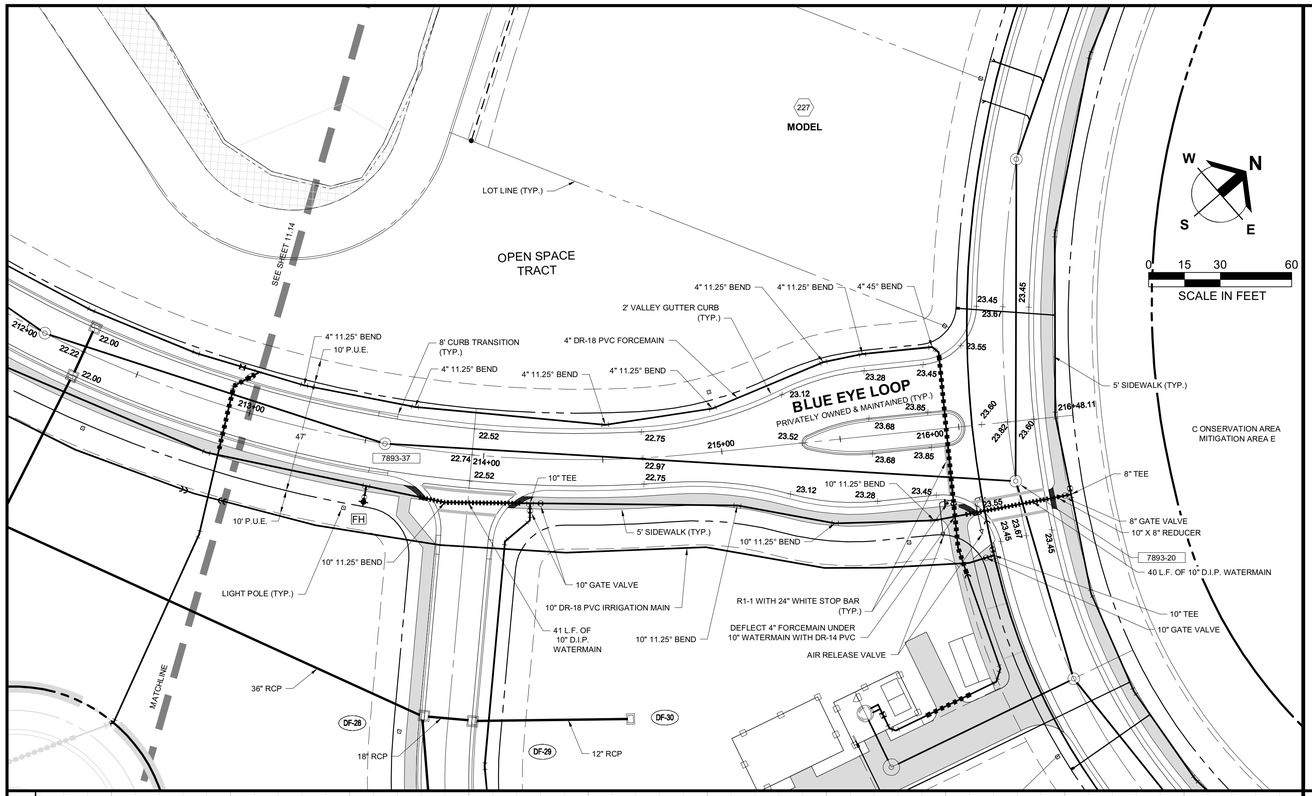
7893-39
STA 210+33.64, 18.53 L
RIM = 23.33
F.L. IN = 9.85
F.L. OUT = 9.75

7893-38
STA 212+07.70
RIM = 22.32
F.L. IN = 9.05
F.L. OUT = 8.95

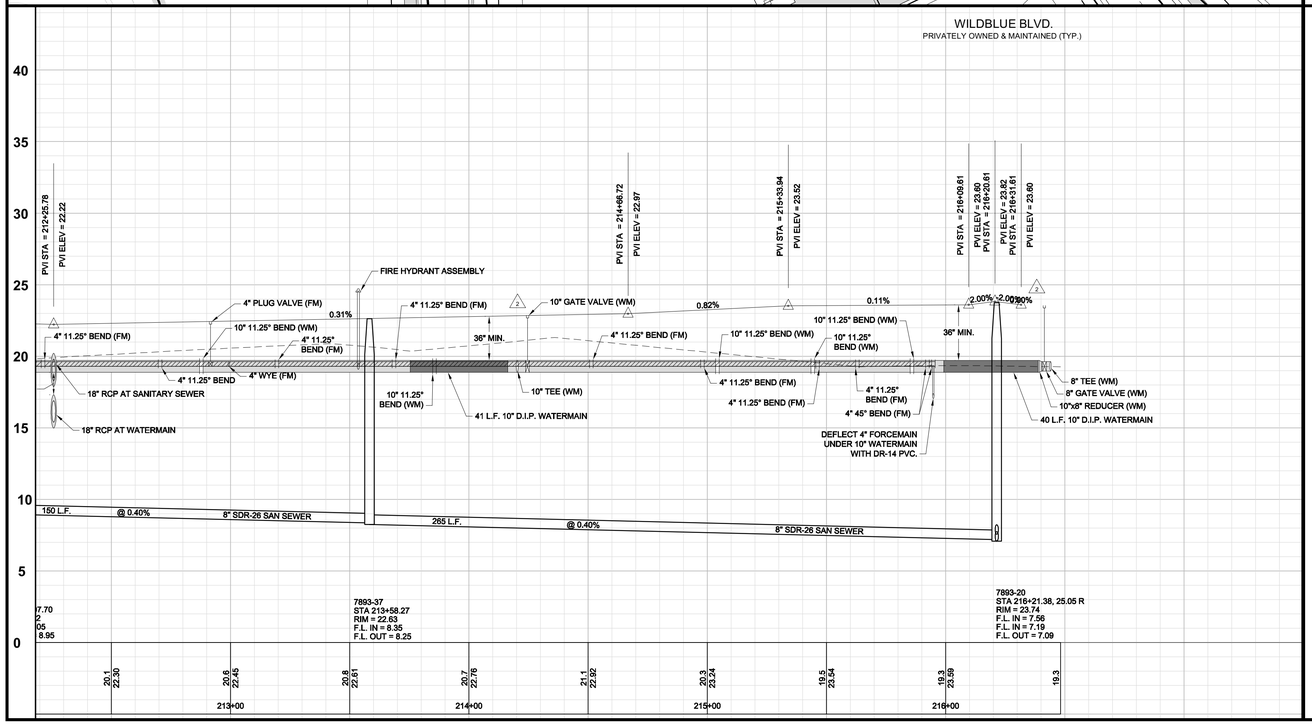
7893-37
STA 213+58.27
RIM = 22.63
F.L. IN = 8.35
F.L. OUT = 8.25

| | | |

DOS2017-00103 Lee County ePlan



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Susan Hollingsworth, Sr. Development Review Representative
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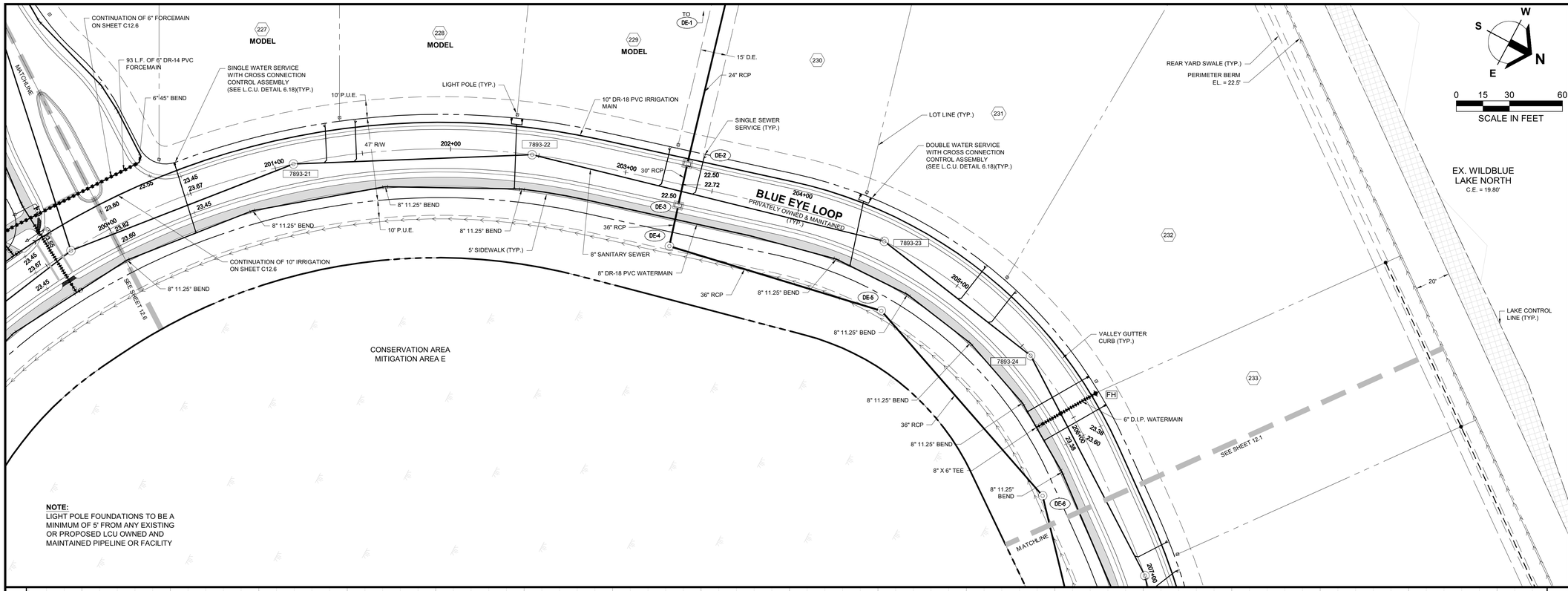
PLAN STATUS

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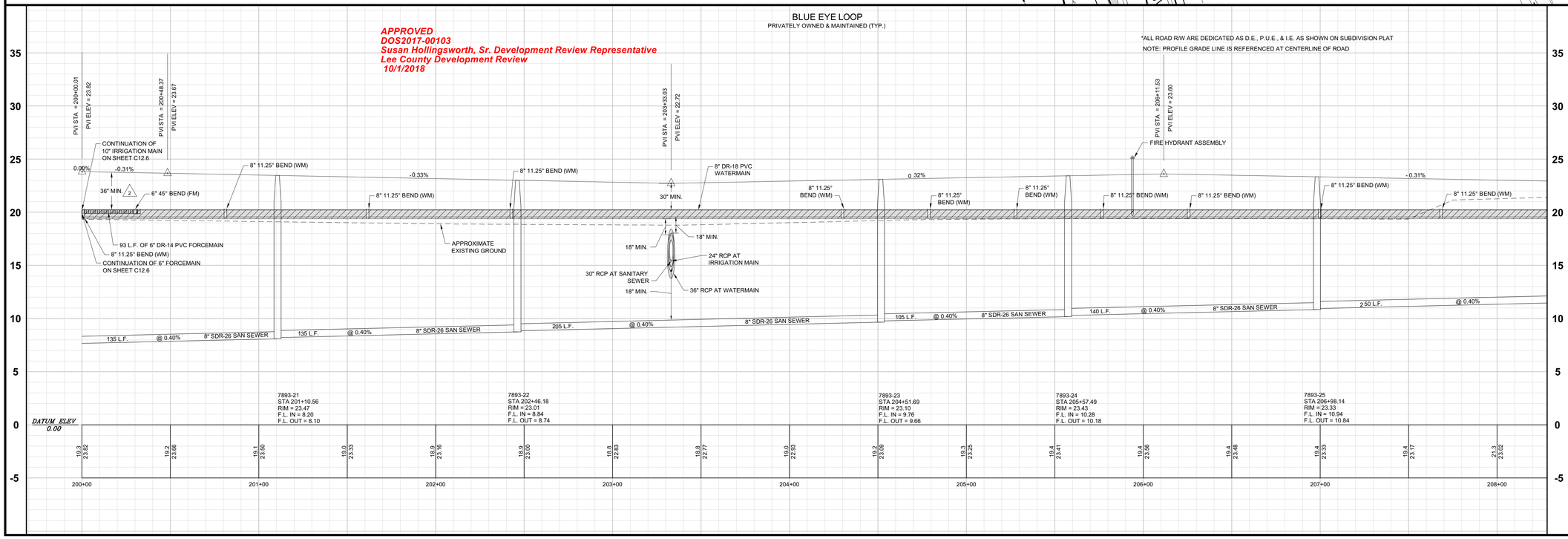
PLAN AND PROFILE WILDBLUE BLVD. STA: 213+00 TO END

PROJECT / FILE NO.	SHEET NUMBER
23675	11.15

DOS2017-00103 Lee County ePlan



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



APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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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	23675A30C.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:03 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG
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SURVEY = 2337ZS00.DWG

PLAN REVISIONS

7-11-18	DO COMMENTS DATED 5-10-18 (2)

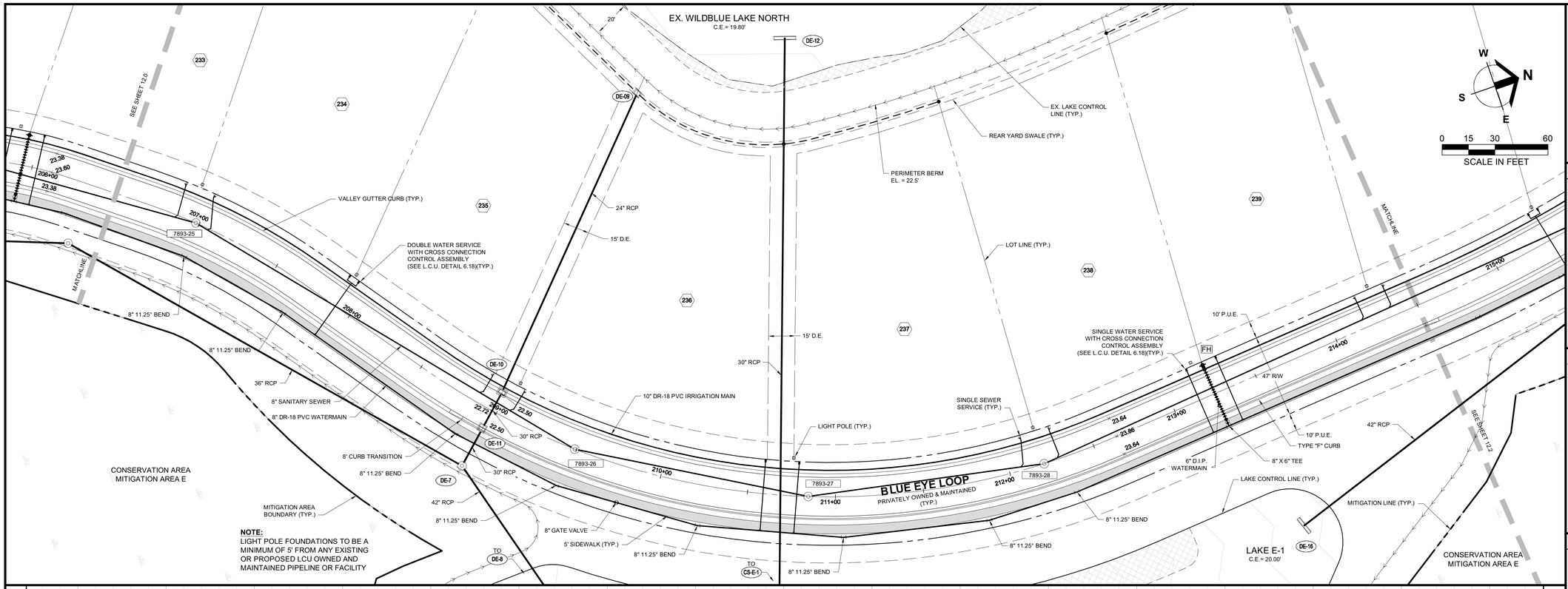
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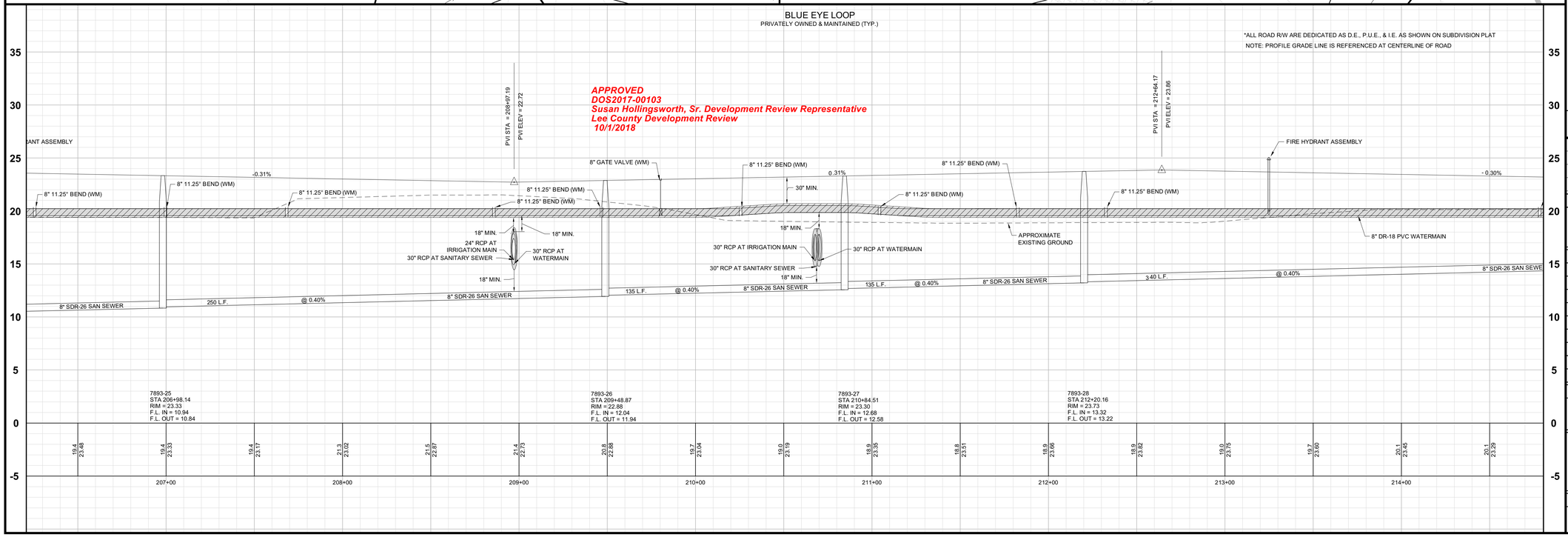
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PLAN AND PROFILE BLUE EYE LOOP STA: 200+00 TO 206+50

PROJECT / FILE NO.	SHEET NUMBER
23675	12.0

DOS2017-00103 Lee County ePlan





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LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:03 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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SURVEY = 23372S00.DWG

PLAN REVISIONS

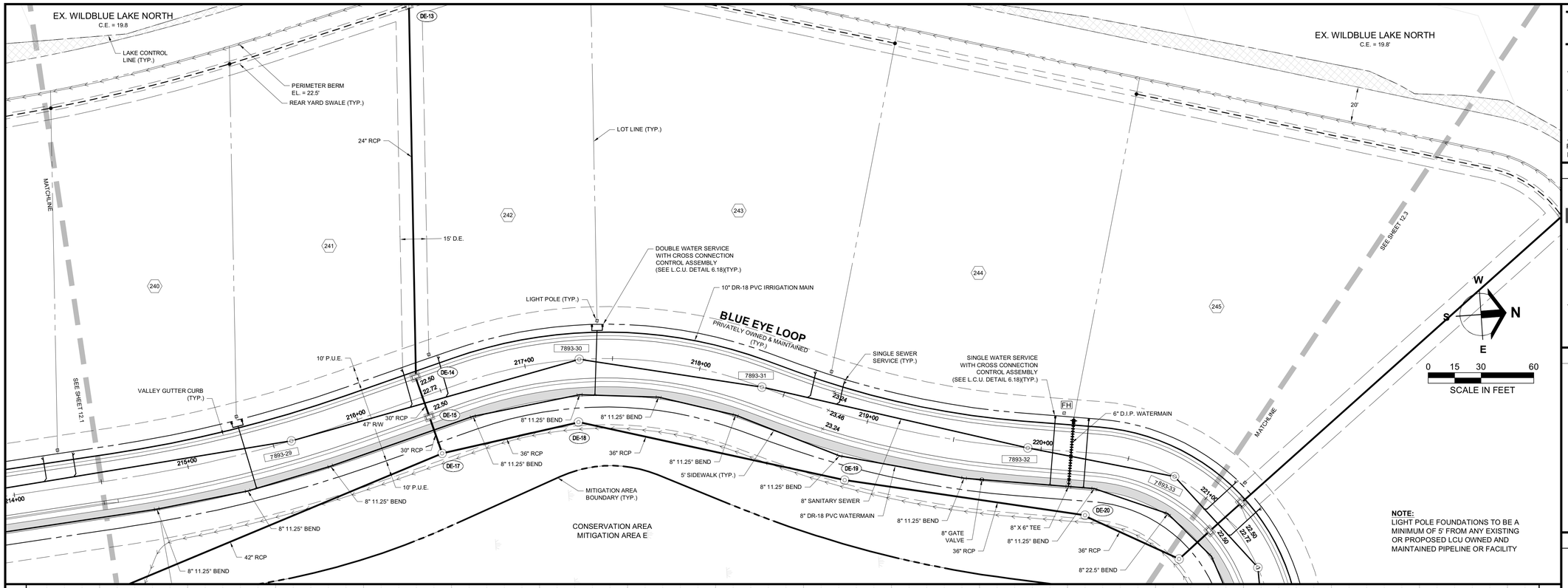
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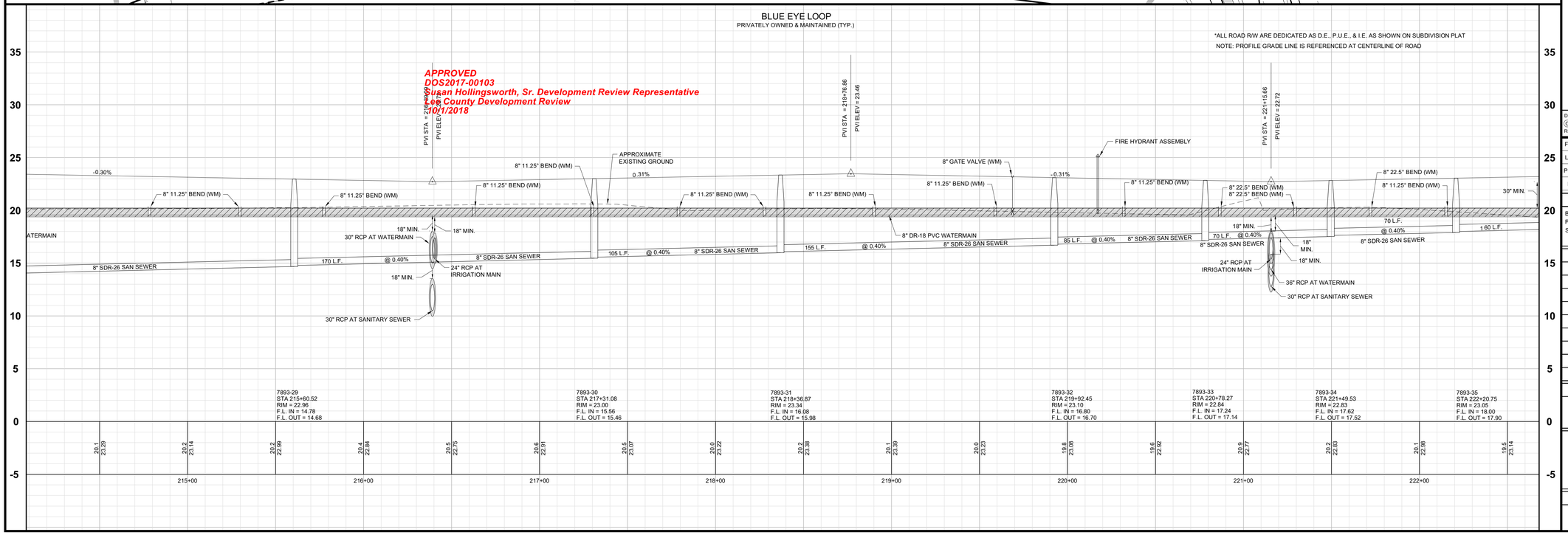
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

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





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PROJECT DESCRIPTION

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PLOT BY	SCOTT WHEELER JR

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

PLAN REVISIONS

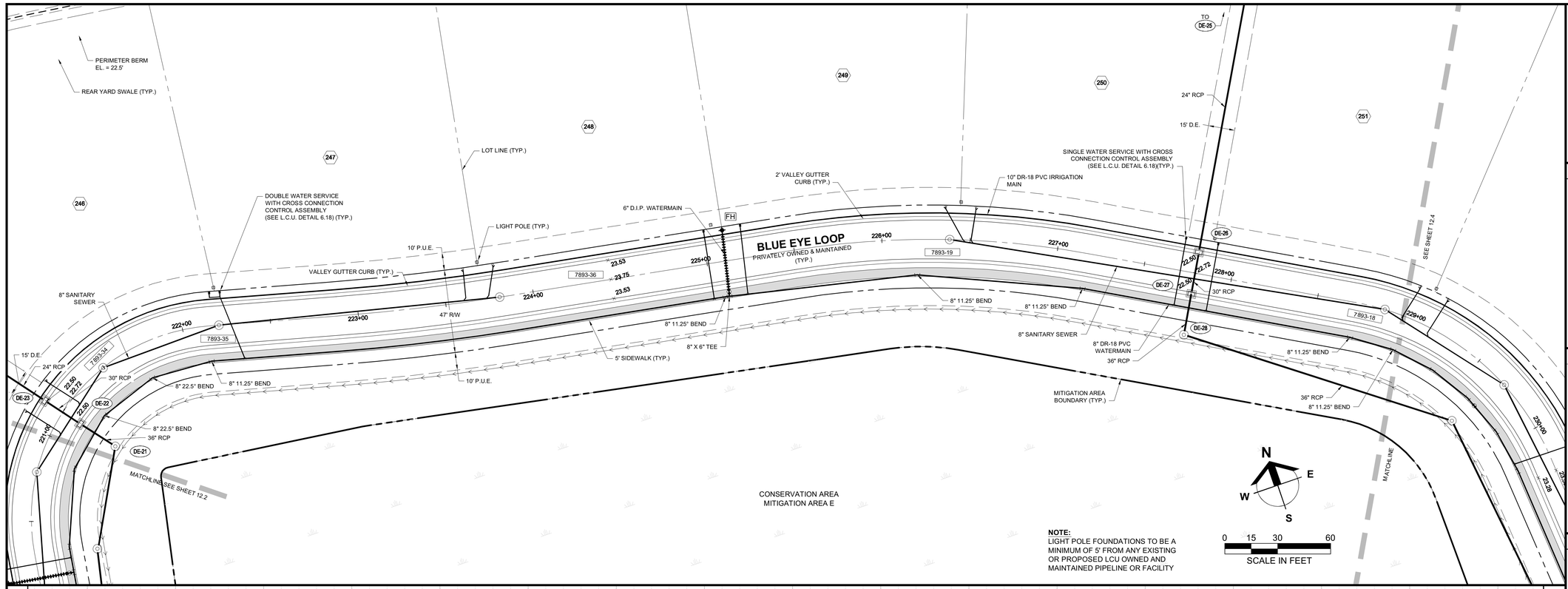
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APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

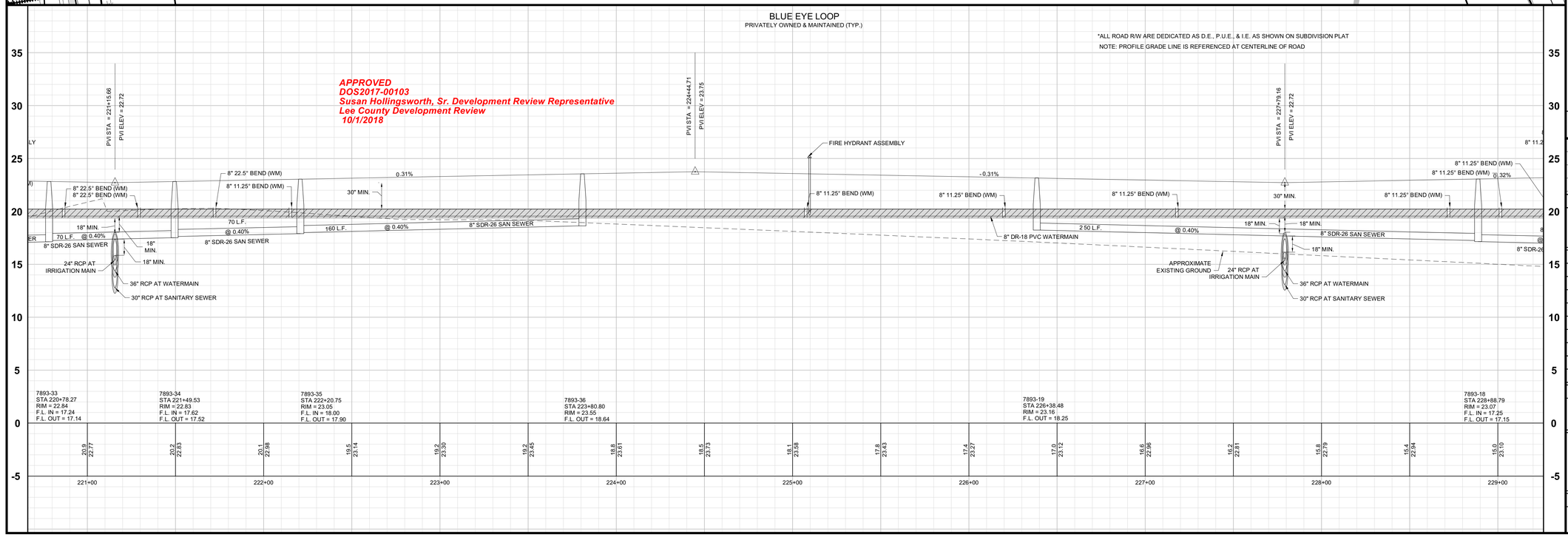
PLAN AND PROFILE BLUE EYE LOOP STA: 214+50 TO 221+00

PROJECT / FILE NO.	SHEET NUMBER
23675	12.2

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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FILE NAME	23675A30C.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:04 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

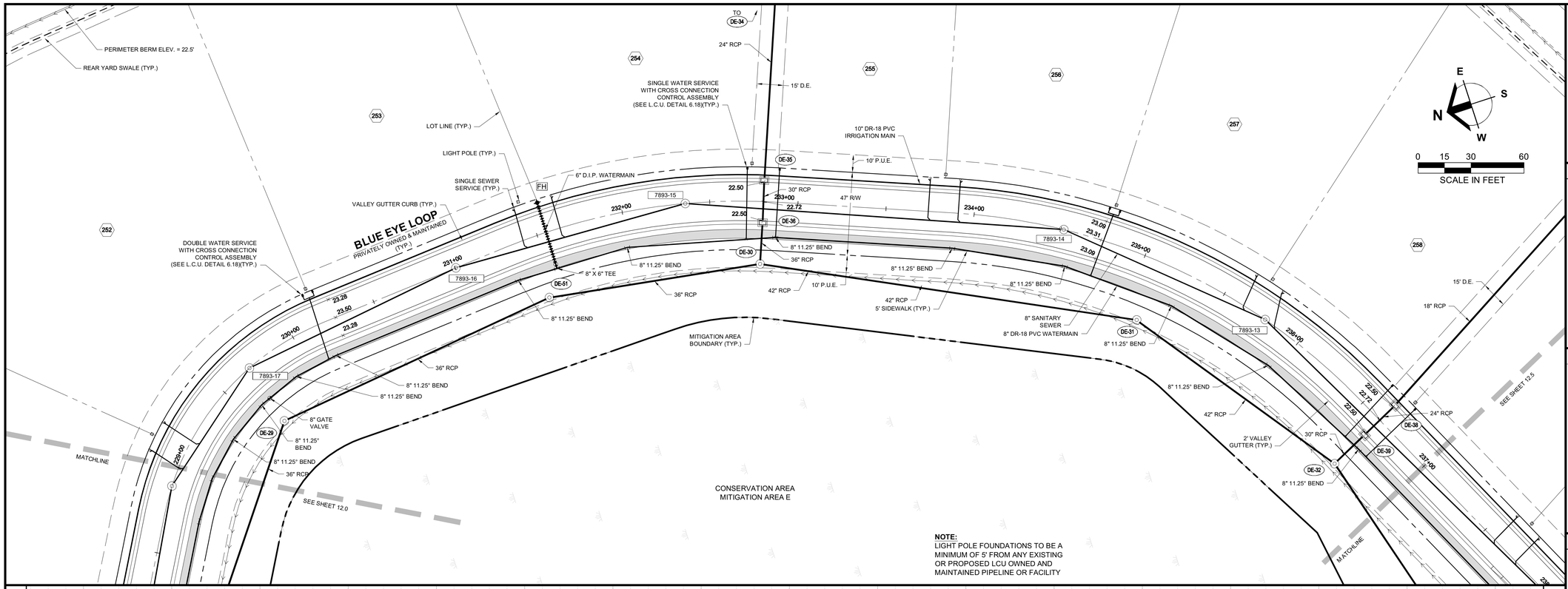
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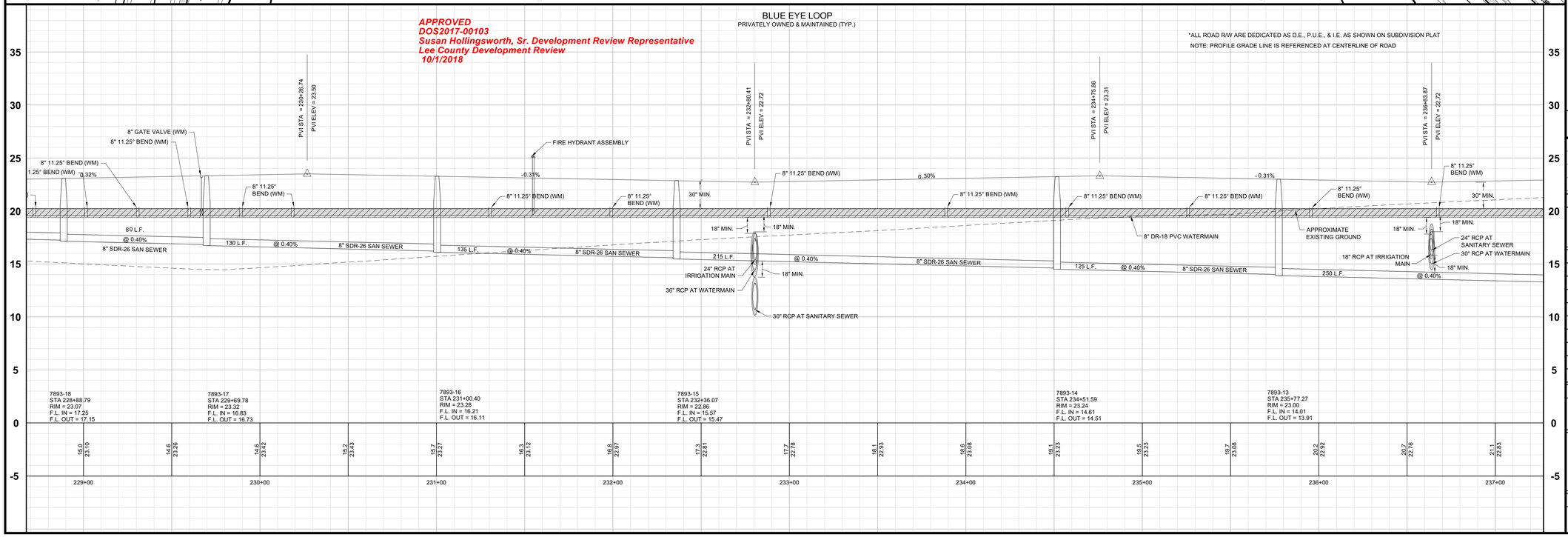
APPROVAL SUBMITTALS PLANS
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PLAN AND PROFILE
BLUE EYE LOOP
STA: 221+00 TO 229+00

PROJECT / FILE NO.	SHEET NUMBER
23675	12.3

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PROJECT DESCRIPTION

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LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:04 PM
PLOT BY	SCOTT WHEELER JR

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SURVEY = 23372S00.DWG

PLAN REVISIONS

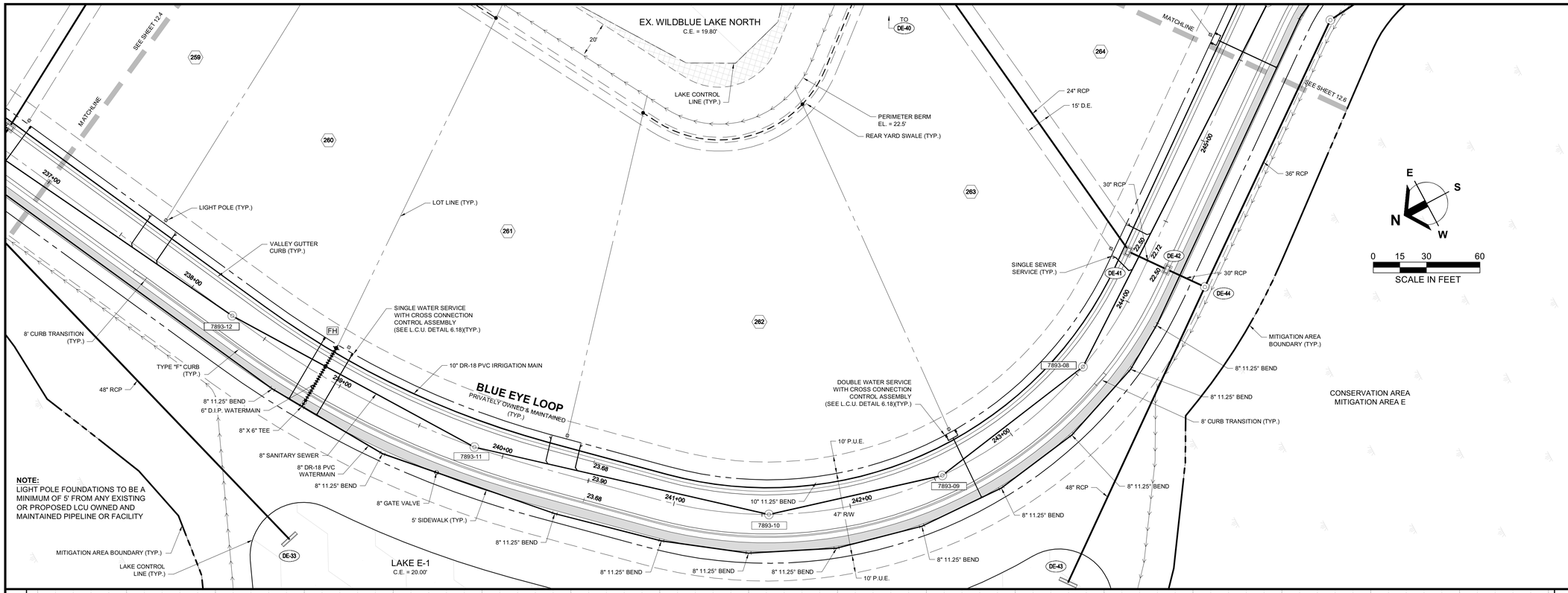
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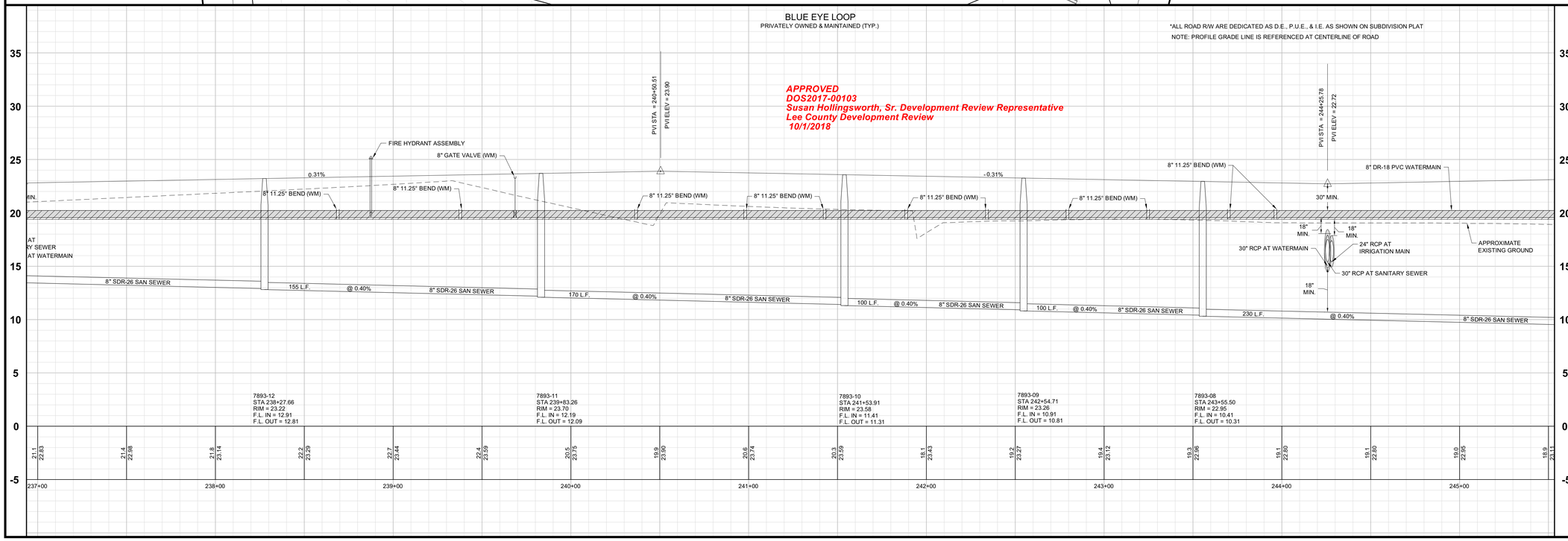
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

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

PROJECT / FILE NO.	SHEET NUMBER
23675	12.4

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PROJECT DESCRIPTION

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LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:04 PM
PLOT BY	SCOTT WHEELER JR

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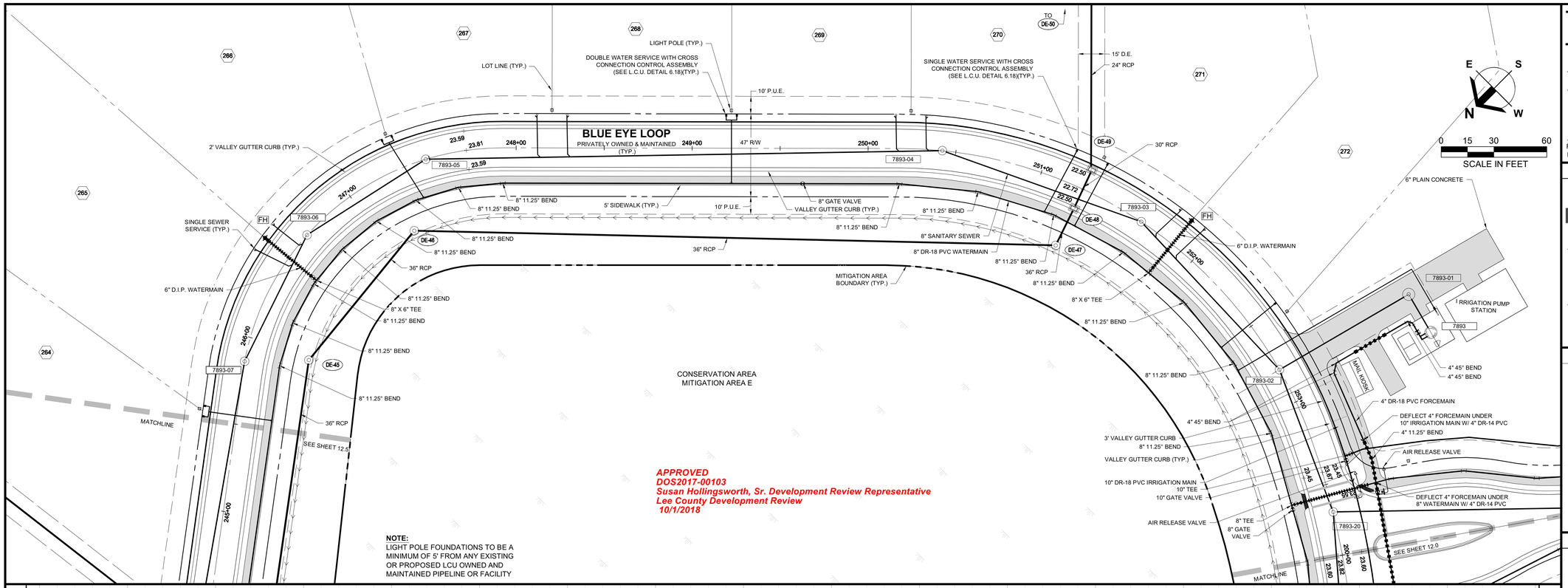
PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

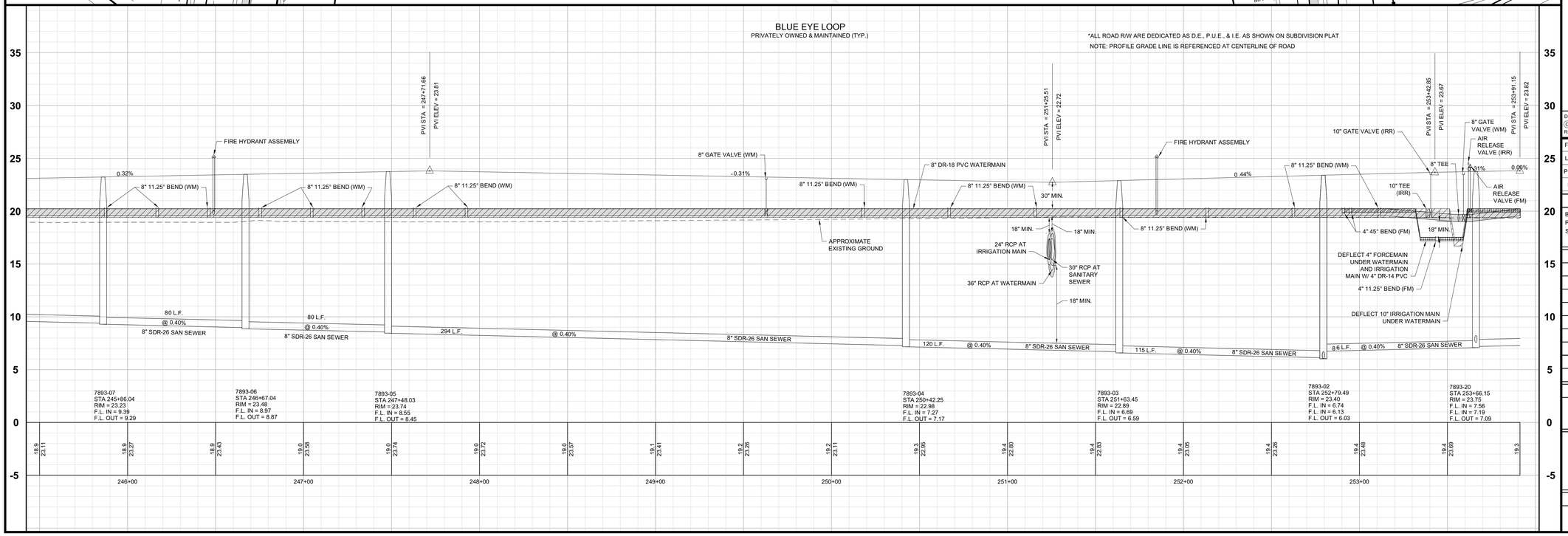
PLAN AND PROFILE BLUE EYE LOOP STA: 237+00 TO 245+50

PROJECT / FILE NO.	SHEET NUMBER
23675	12.5



APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

NOTE:
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PREPARED FOR

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PROJECT DESCRIPTION

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LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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FILE NAME	23675A30C.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:04 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

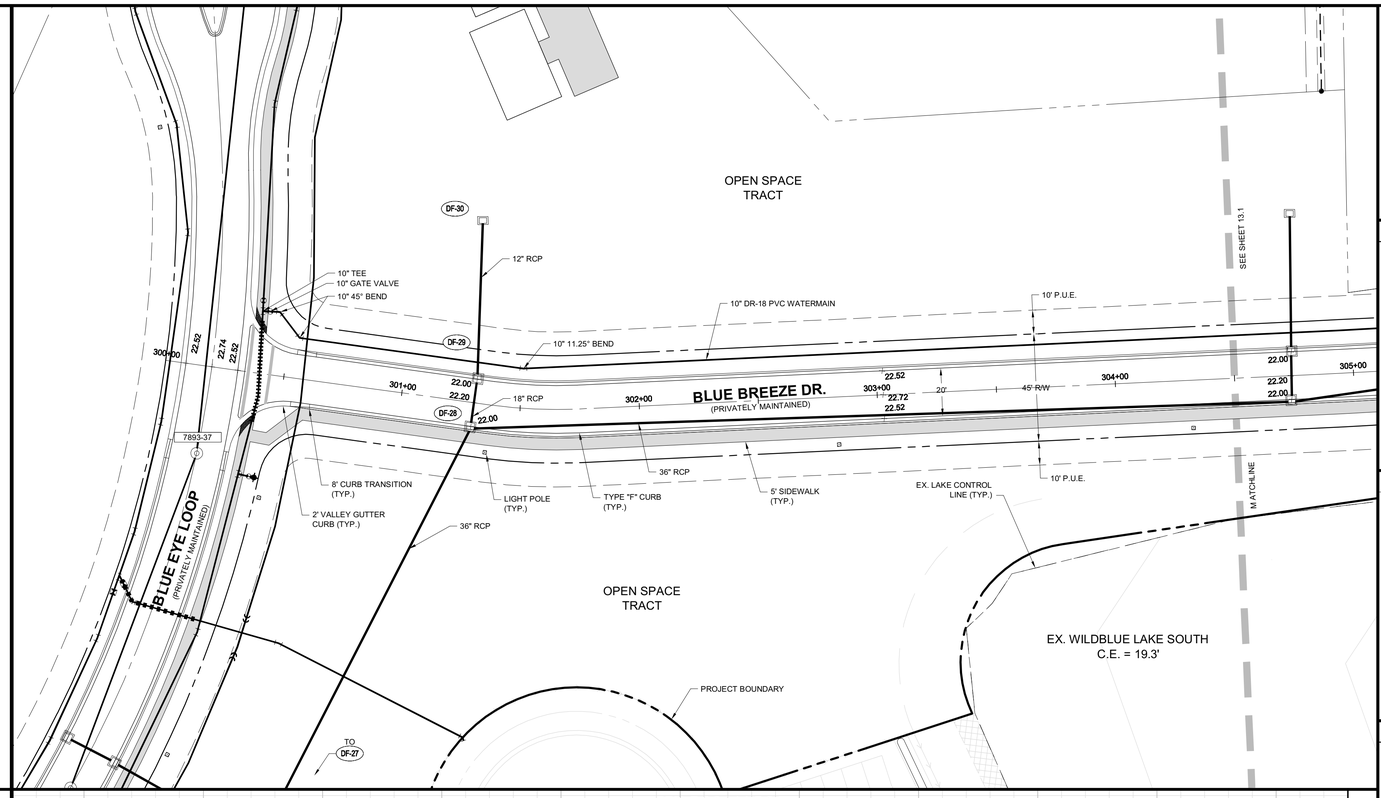
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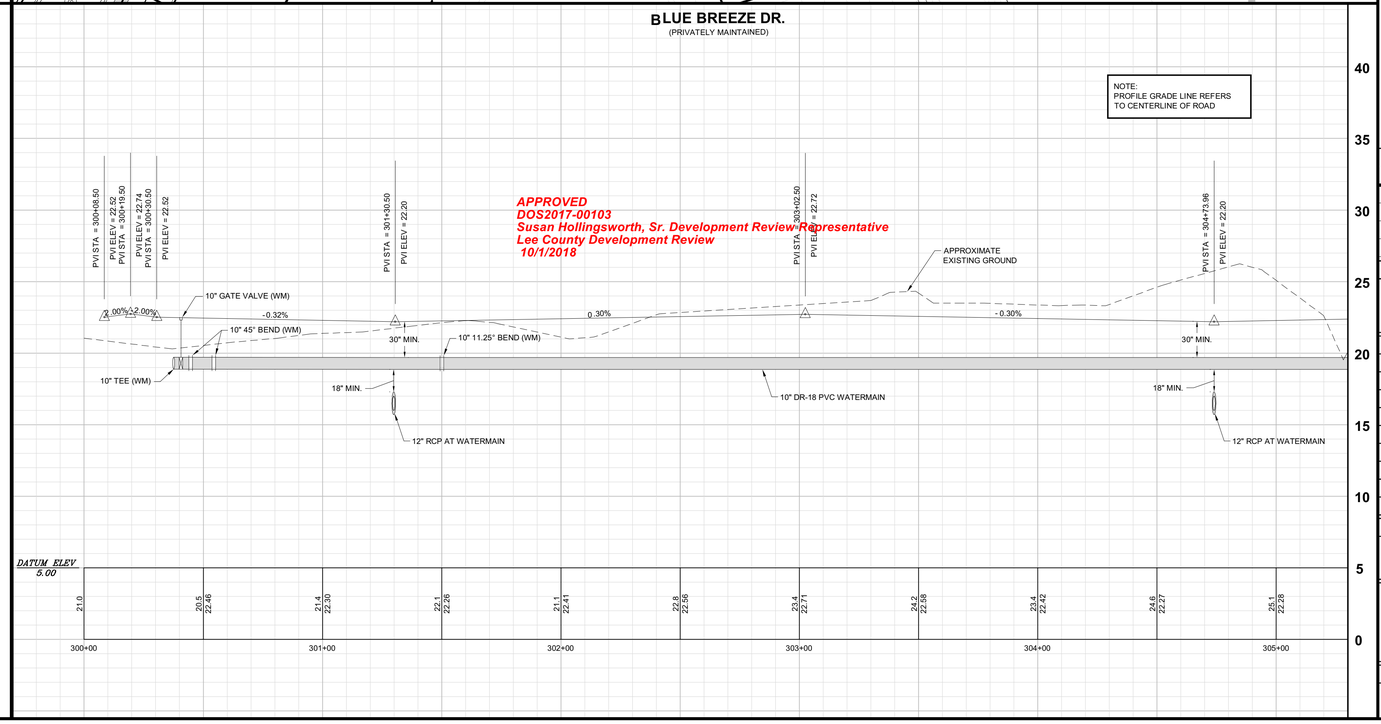
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PLAN AND PROFILE BLUE EYE LOOP STA: 245+50 TO END

PROJECT / FILE NO.	SHEET NUMBER
23675	12.6

DOS2017-00103 Lee County ePlan





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PLOT BY	SCOTT WHEELER JR

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PLAN REVISIONS

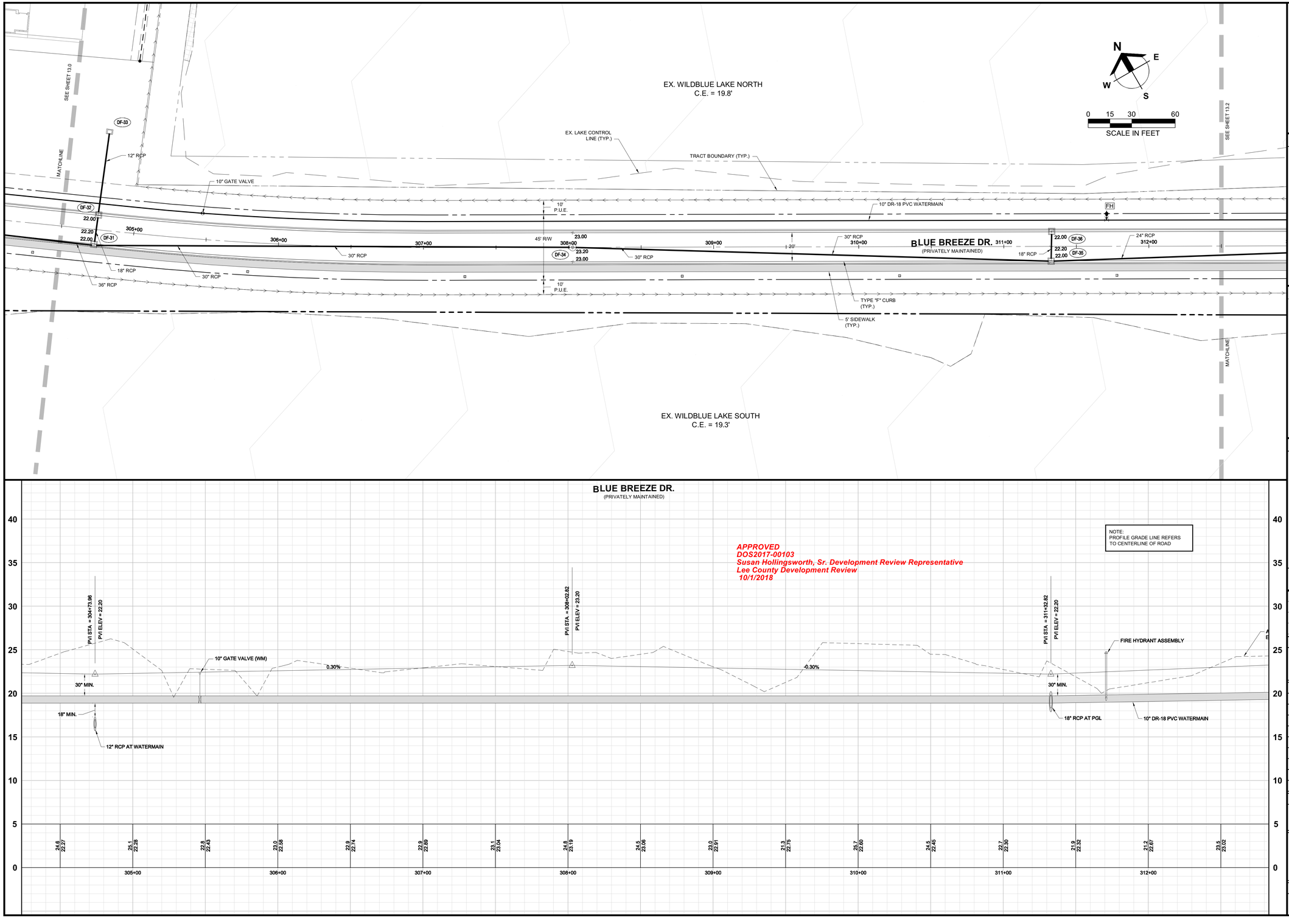
PLAN STATUS

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

PROJECT / FILE NO.	SHEET NUMBER
23675	13.0

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLAN REVISIONS

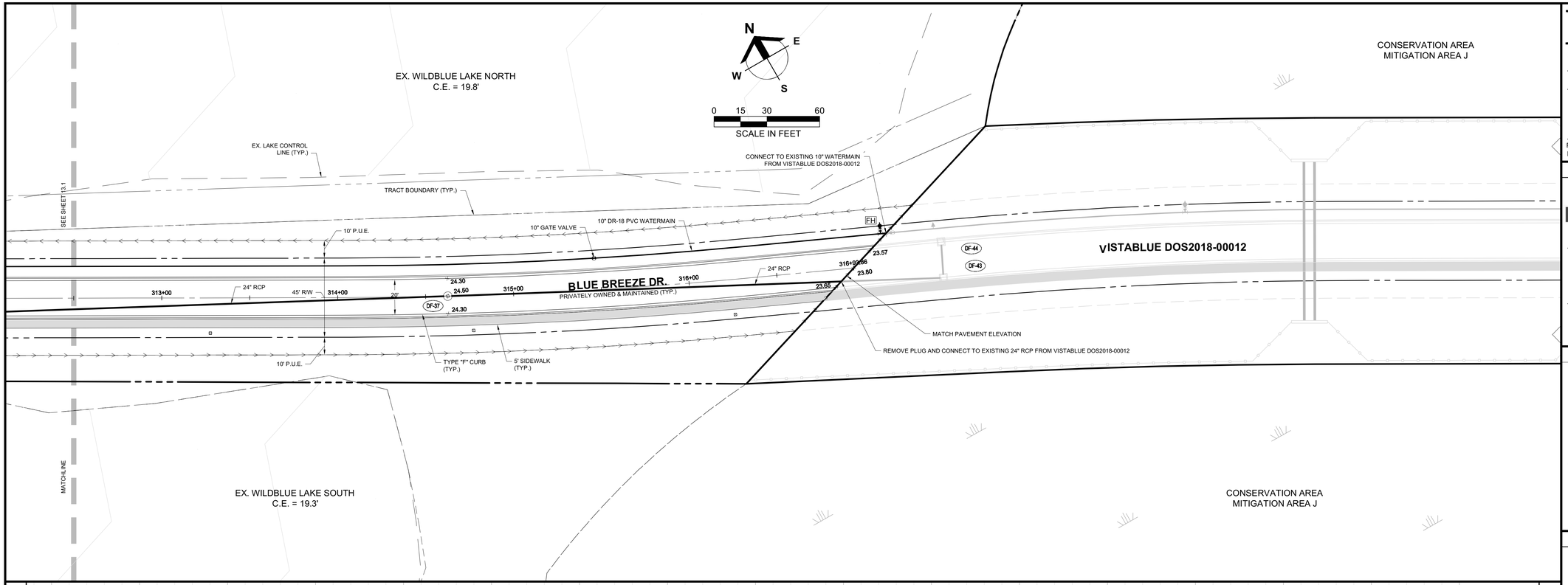
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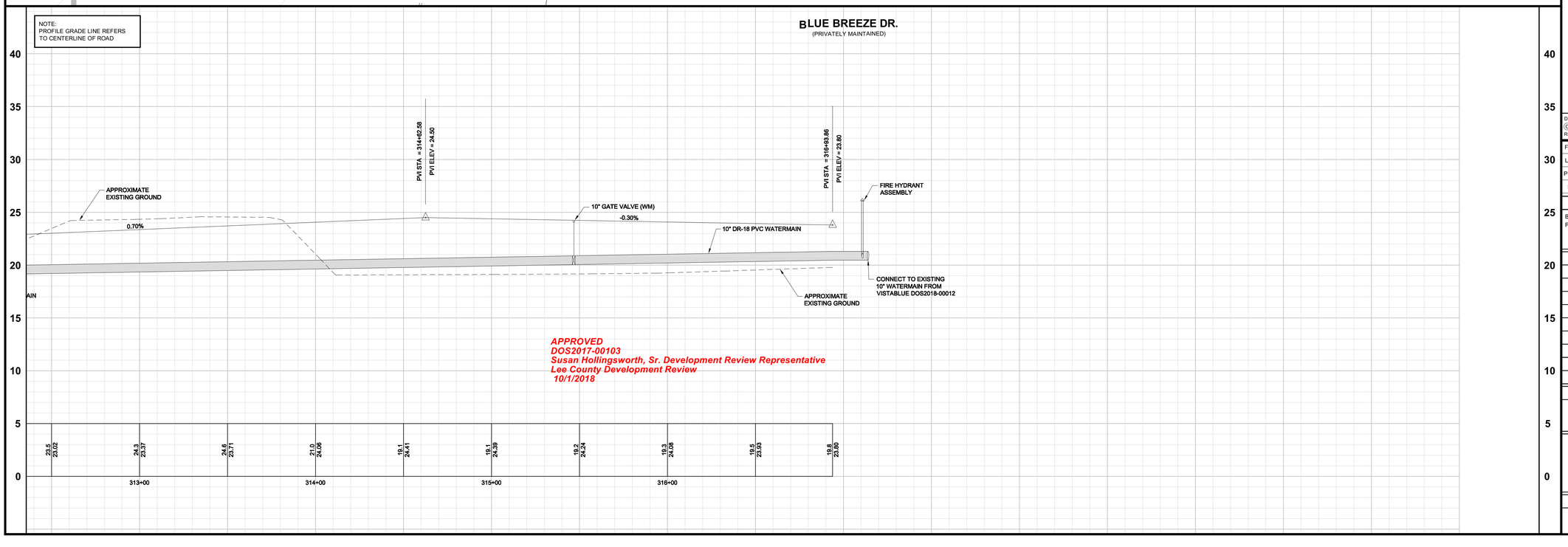
APPROVAL SUBMITTALS PLANS
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PLAN AND PROFILE BLUE BREEZE DR. STA: 304+50 TO 312+50

PROJECT / FILE NO.	SHEET NUMBER
23675	13.1

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PREPARED FOR

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PROJECT DESCRIPTION

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PLOT DATE	THU. 9-6-2018 - 12:05 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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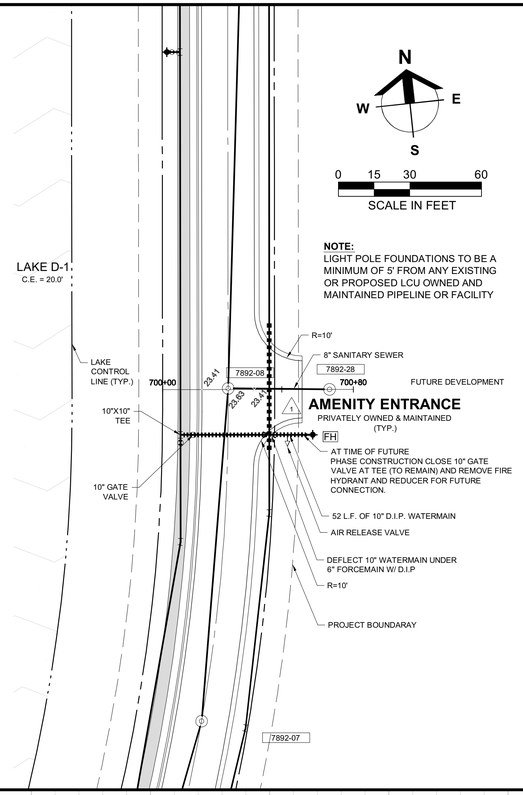
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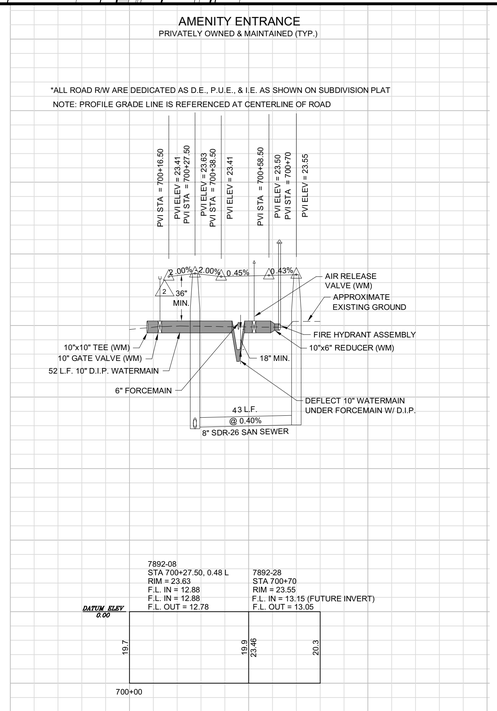
APPROVAL SUBMITTALS PLANS
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PLAN AND PROFILE BLUE BREEZE DR. STA: 312+50 TO END

PROJECT / FILE NO.	SHEET NUMBER
23675	13.2

DOS2017-00103 Lee County ePlan





APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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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

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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	23675A30E.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:05 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

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7-13-18	DO COMMENTS DATED 5-10-18 (2)

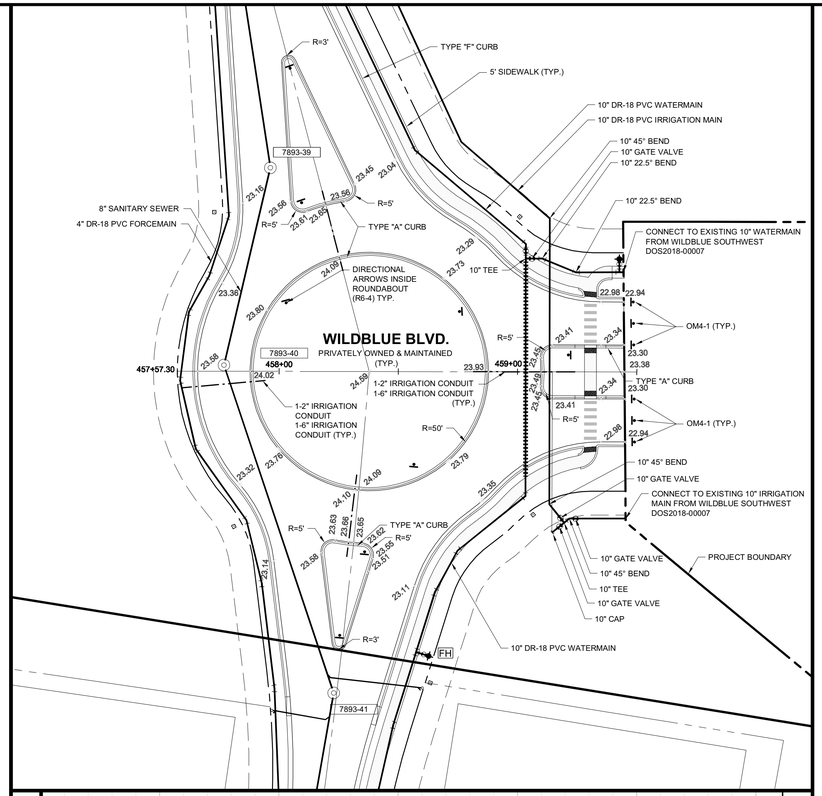
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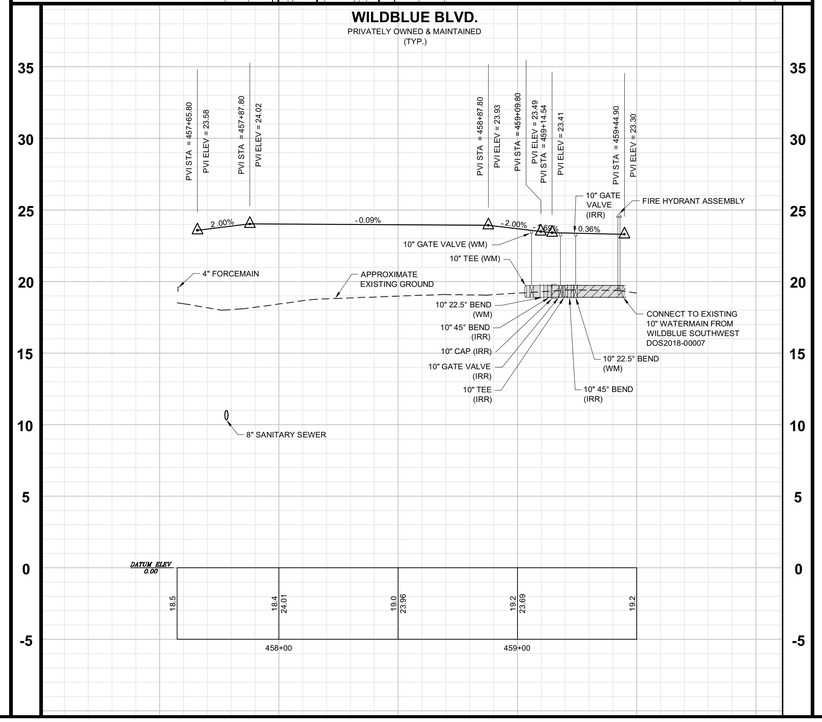
APPROVAL SUBMITTALS PLANS
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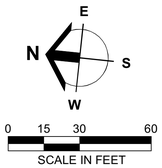
PLAN AND PROFILE AMENITY ENTRANCE STA: 700+00 TO END

PROJECT / FILE NO.	SHEET NUMBER
23675	14.0

DOS2017-00103 Lee County ePlan







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PROJECT DESCRIPTION

WildBlue

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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\
PLOT DATE	THU. 9-6-2018 - 12:05 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

3-30-18	DO COMMENTS DATED 12-21-17 1

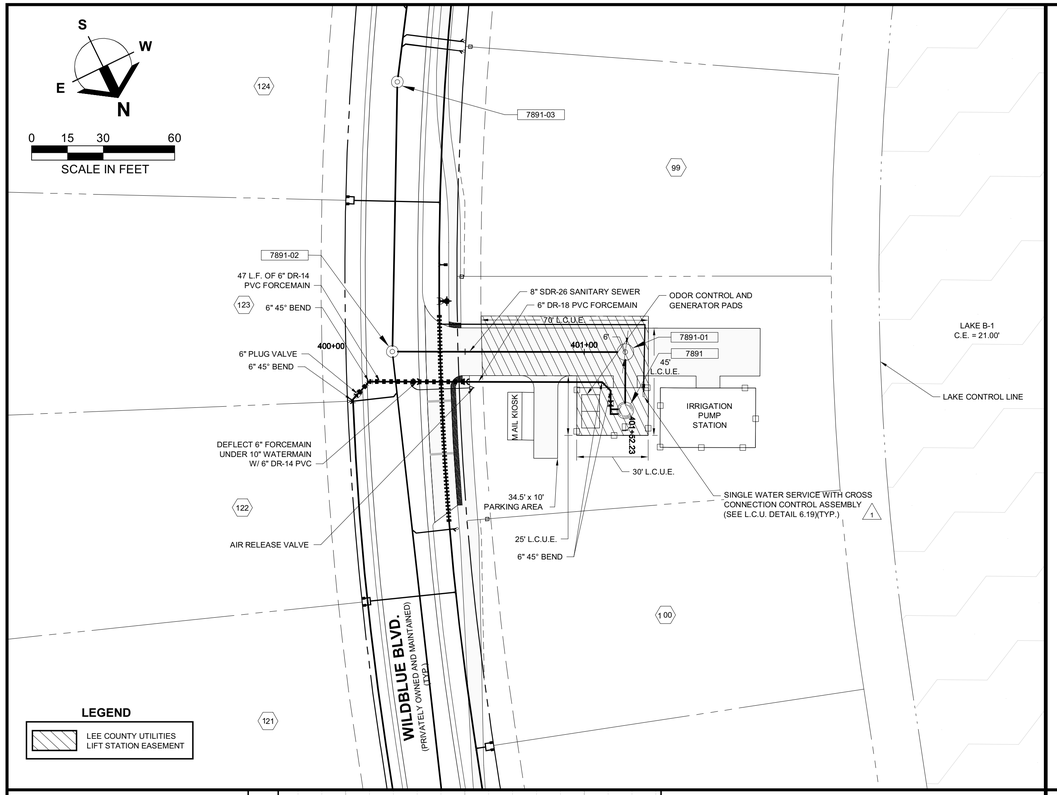
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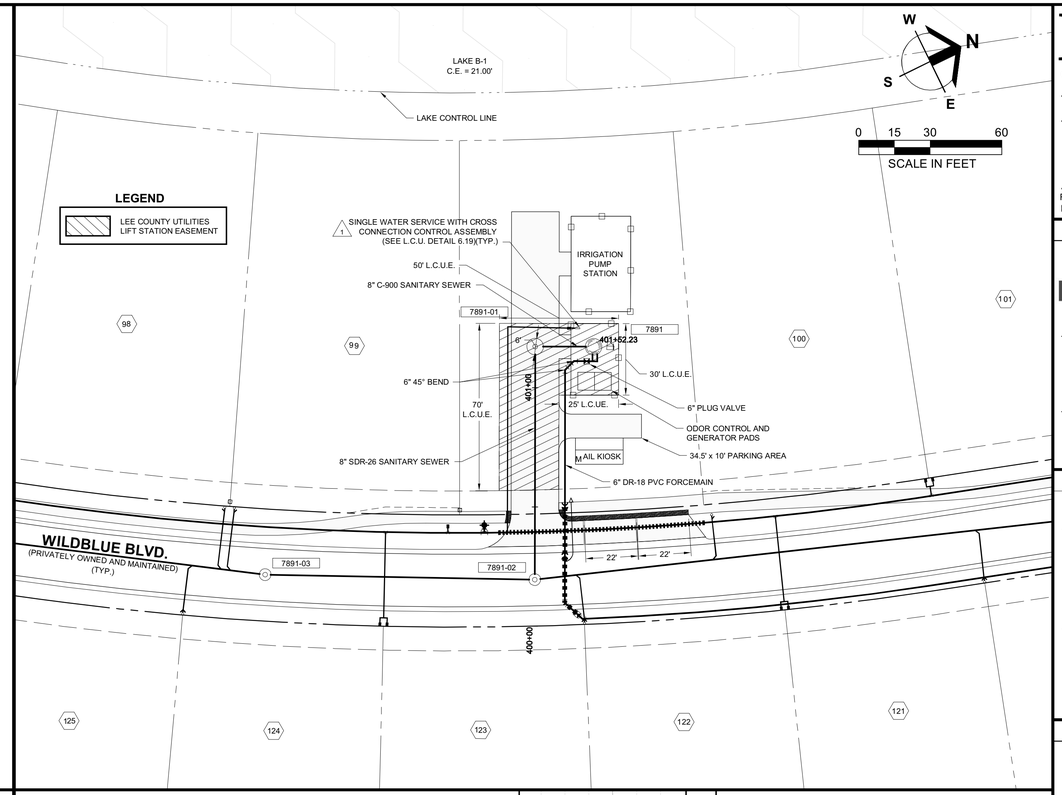
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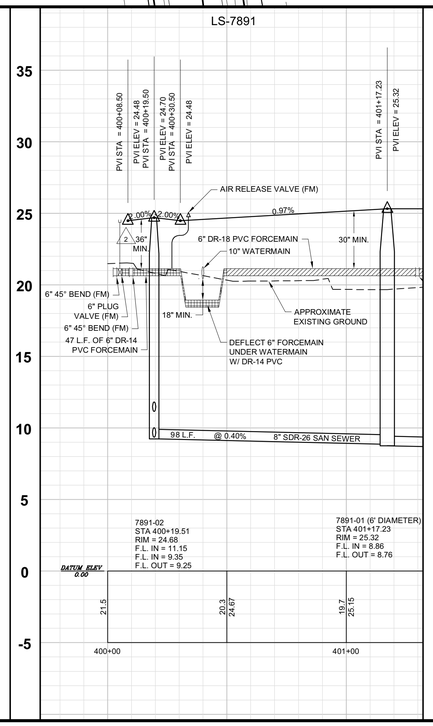
PLAN AND PROFILES WILDBLUE BLVD. ROUNDABOUT

PROJECT / FILE NO.	SHEET NUMBER
23675	15.0

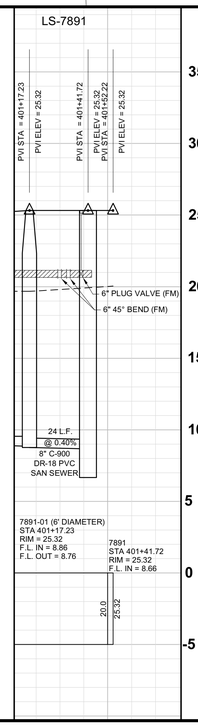
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WildBlue

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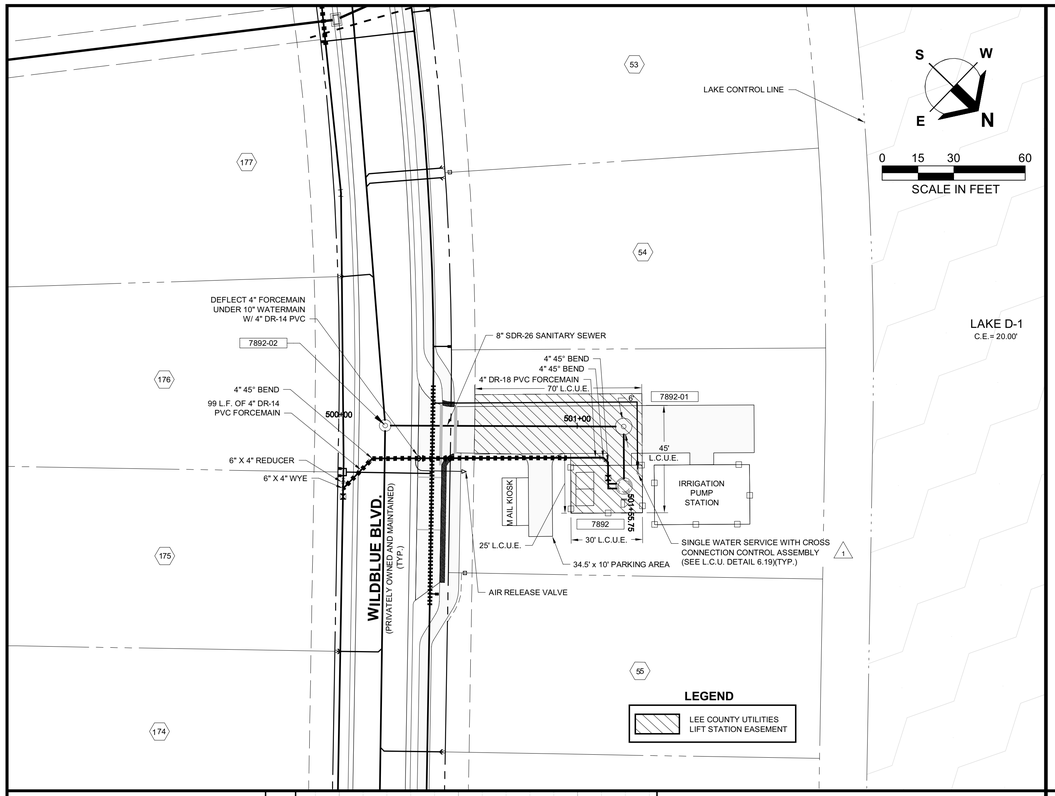
PLAN STATUS

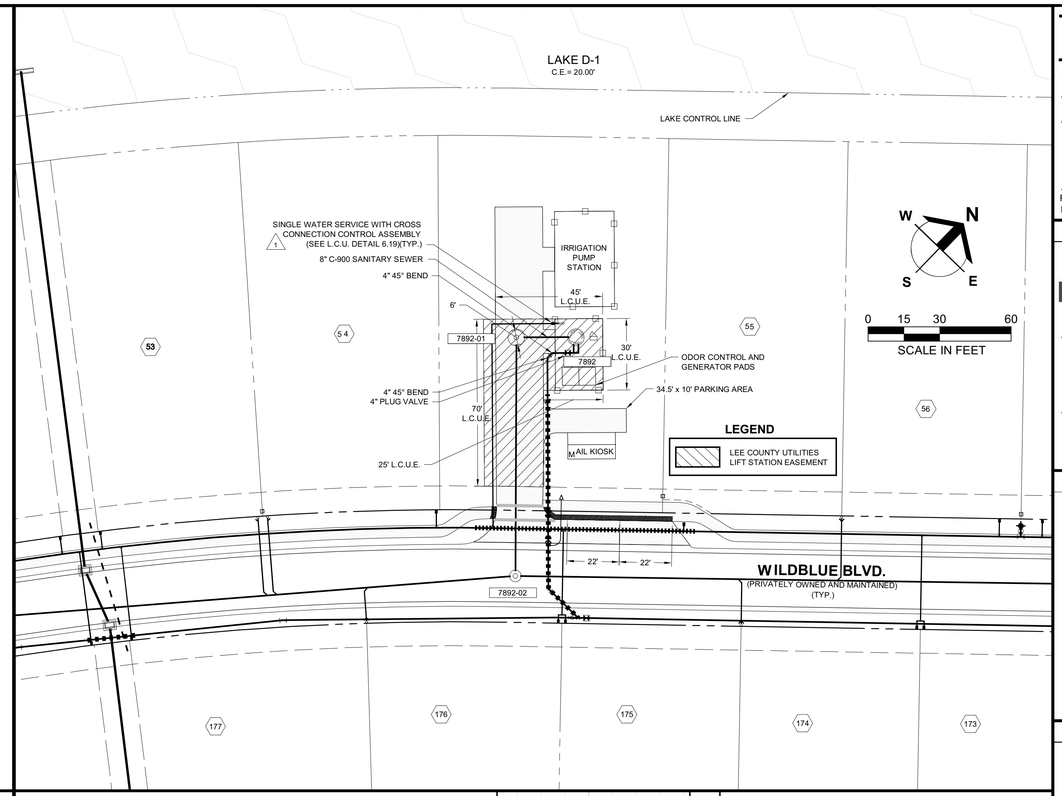
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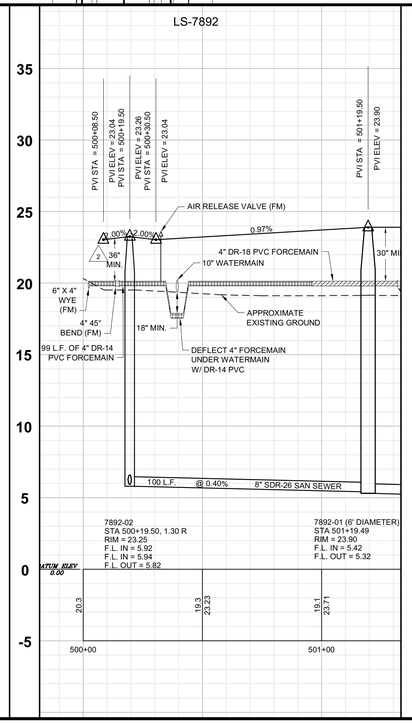
PLAN AND PROFILES LIFT STATION 7891

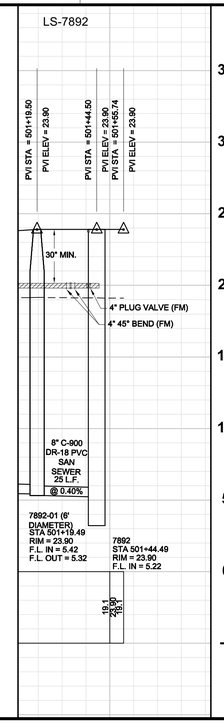
PROJECT / FILE NO.	SHEET NUMBER
23675	16.0

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PLOT BY	SCOTT WHEELER JR

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

PLAN REVISIONS

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7-13-18	DO COMMENTS DATED 5-10-18	2

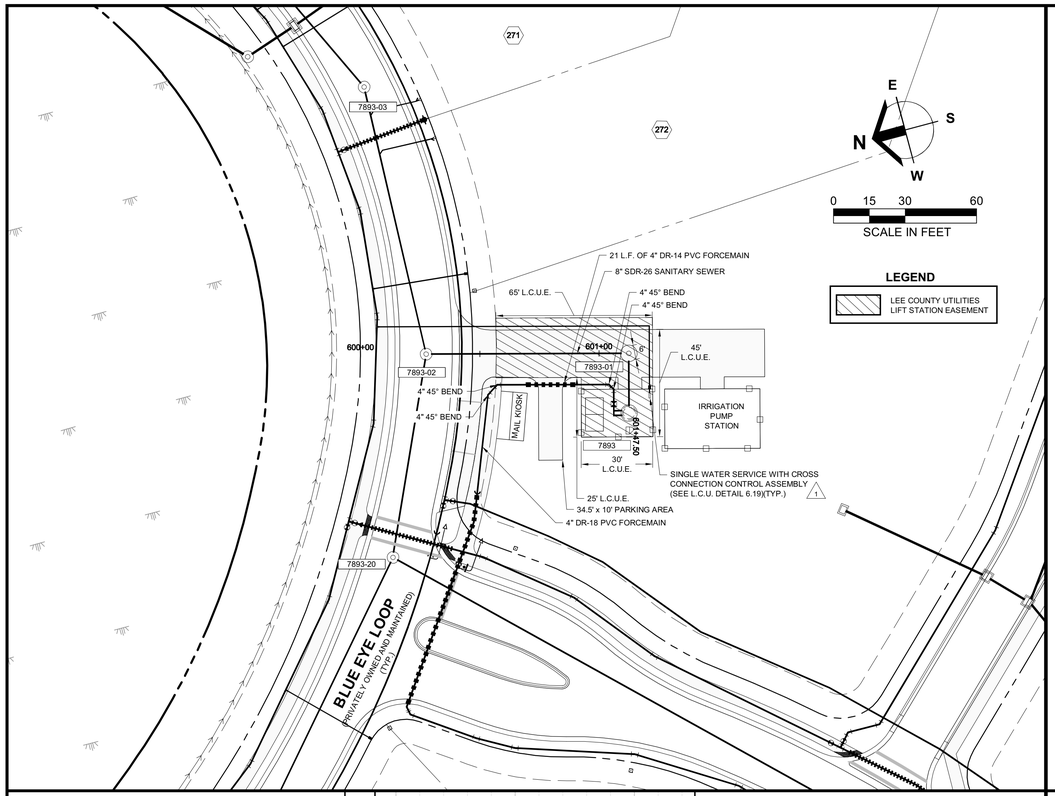
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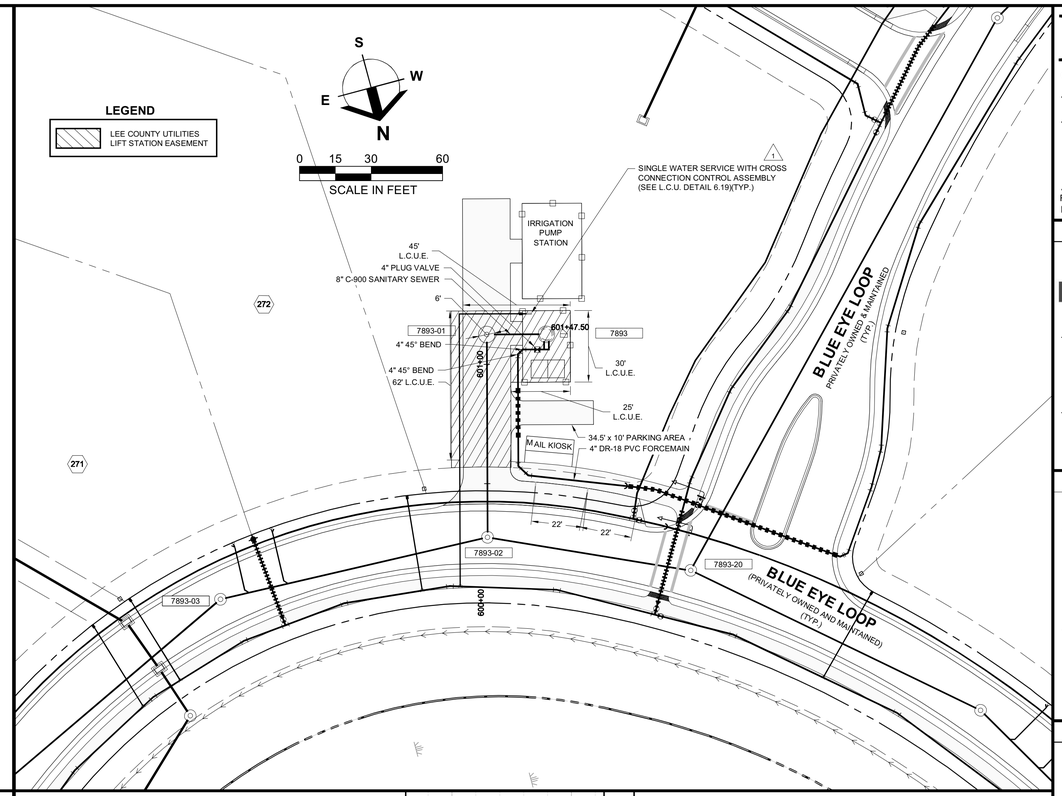
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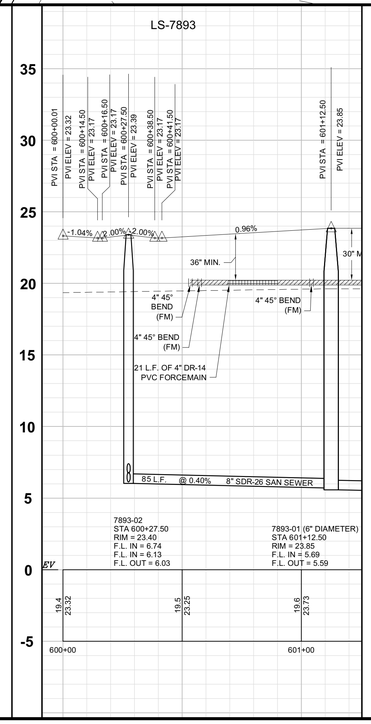
PLAN AND PROFILES LIFT STATION 7892

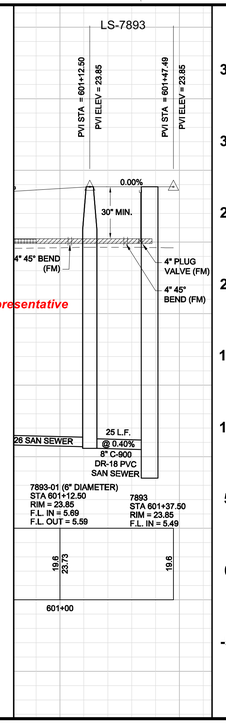
PROJECT / FILE NO.	SHEET NUMBER
23675	16.1

DOS2017-00103 Lee County ePlan









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PROJECT DESCRIPTION

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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PLAN REVISIONS

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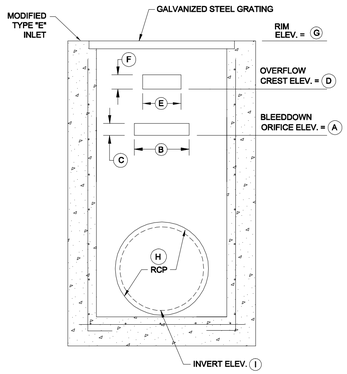
PLAN STATUS

APPROVAL SUBMITTALS PLANS
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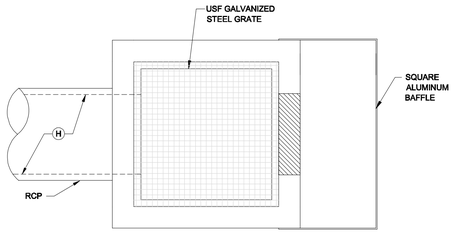
PLAN AND PROFILES LIFT STATION 7893

PROJECT / FILE NO.	SHEET NUMBER
23675	16.2

DOS2017-00103 Lee County ePlan



SECTION



PLAN

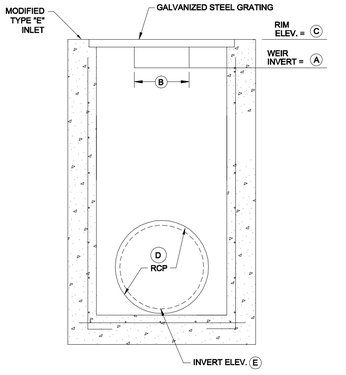
CONTROL STRUCTURE PARAMETERS	
A	INVERT OF BLEEDDOWN ORIFICE (FT-NAVD)
B	WIDTH OF BLEEDDOWN ORIFICE (INCHES)
C	HEIGHT OF BLEEDDOWN ORIFICE (INCHES)
D	OVERFLOW CREST ELEVATION (FT-NAVD)
E	WIDTH OF OVERFLOW ORIFICE (INCHES)
F	HEIGHT OF OVERFLOW ORIFICE (INCHES)
G	RIM ELEVATION OF STRUCTURE (FT-NAVD)
H	PIPE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

CONTROL STRUCTURE SCHEDULE:

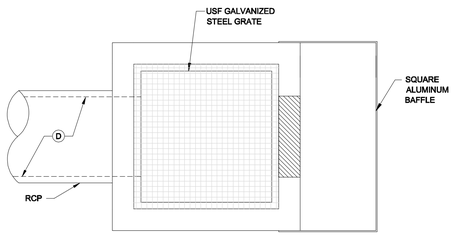
	A	B	C	D	E	F	G	H	I
CS-A-1	22.5'	11.0"	2.0"	22.9'	2.0"	3.0"	24.8'	18"	17.3'
CS-B-1 & CS-B-2	21.0'	9.0"	3.0"	21.7'	8.0"	3.0"	23.0'	24"	16.5'
CS-D-1 & CS-D-2	20.0'	12.0"	2.0"	20.7'	10.5"	2.0"	22.0'	24"	15.0'
CS-F-1 & CS-F-2	19.5'	10.0"	3.0"	20.2'	7.5"	2.0"	21.9'	24"	15.0'

CONTROL STRUCTURES: GROUP 1

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



SECTION



PLAN

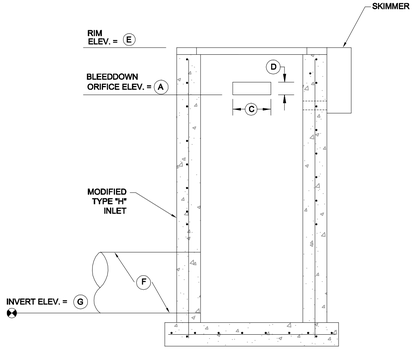
CONTROL STRUCTURE PARAMETERS	
A	INVERT OF BLEEDDOWN WEIR (FT-NAVD)
B	WIDTH OF BLEEDDOWN WEIR (INCHES)
C	RIM ELEVATION OF STRUCTURE (FT-NAVD)
D	PIPE DIAMETER (INCHES)
E	INVERT OF PIPE AT STRUCTURE (FT-NAVD)

CONTROL STRUCTURE SCHEDULE:

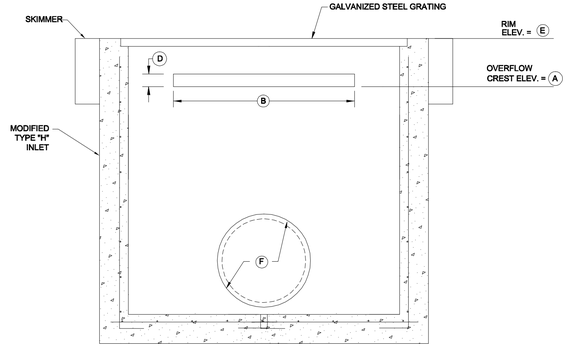
	A	B	C	D	E
CS-E-1	20.0'	30"	20.3'	30"	15.3'

CONTROL STRUCTURES: GROUP 2

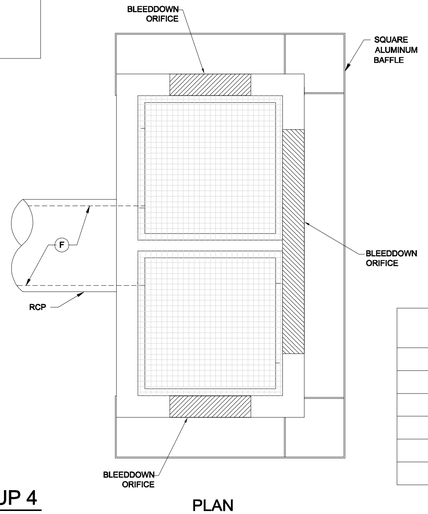
CS-E-1



SIDE



SECTION



PLAN

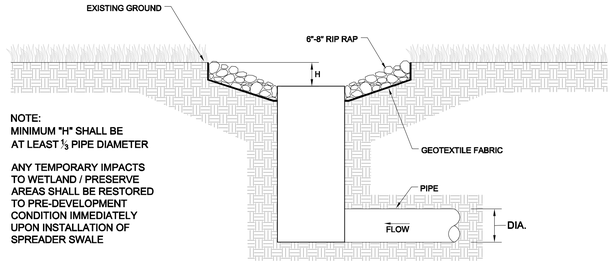
CONTROL STRUCTURE PARAMETERS	
A	INVERT OF BLEEDDOWN ORIFICE (FT-NAVD)
B	WIDTH OF FRONT BLEEDDOWN ORIFICE (INCHES)
C	WIDTH OF SIDE BLEEDDOWN ORIFICES (INCHES)
D	HEIGHT OF BLEEDDOWN ORIFICES (INCHES)
E	RIM ELEVATION OF STRUCTURE (FT-NAVD)
F	PIPE DIAMETER (INCHES)
G	INVERT OF PIPE AT STRUCTURE (FT-NAVD)

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"	5.10'
CS-FSN	-	-	-	-	22.5'	36"	11.0'
CS-FSS	-	-	-	-	20.6'	24"	15.3'

CONTROL STRUCTURES: GROUP 4

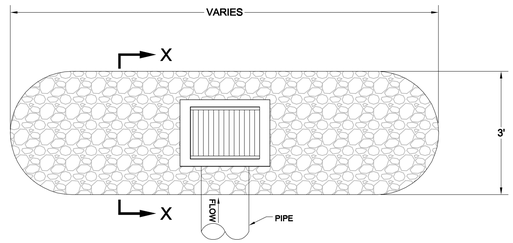
CS-B-3, CS-D-3, CS-F-3, CS-FSN, & CS-FSS



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.

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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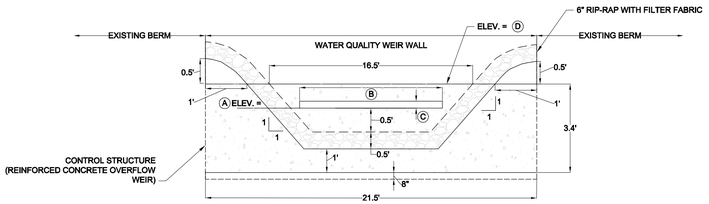
PLAN REVISIONS

PLAN STATUS

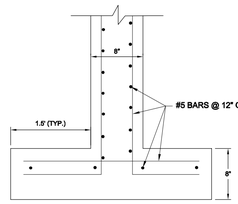
APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

CONTROL STRUCTURE DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	17.0

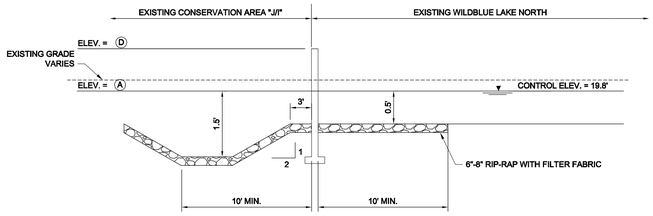


ELEVATION VIEW
(RECTANGULAR ORIFICE)
N.T.S



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

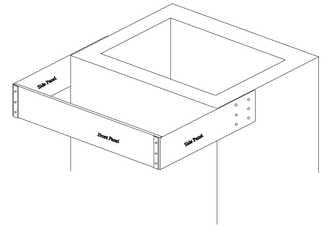
A	INVERT OF BLEEDDOWN ORIFICE (FT-NAVD)
B	WIDTH OF RECTANGULAR NOTCH/ DIAMETER OF CIRCULAR BLEEDER (INCHES)
C	HEIGHT OF RECTANGULAR NOTCH/ DIAMETER OF CIRCULAR BLEEDER (INCHES)
D	TOP OF WEIR WALL ELEVATION (FT-NAVD)

WEIR WALL CONTROL STRUCTURE SCHEDULE:

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

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

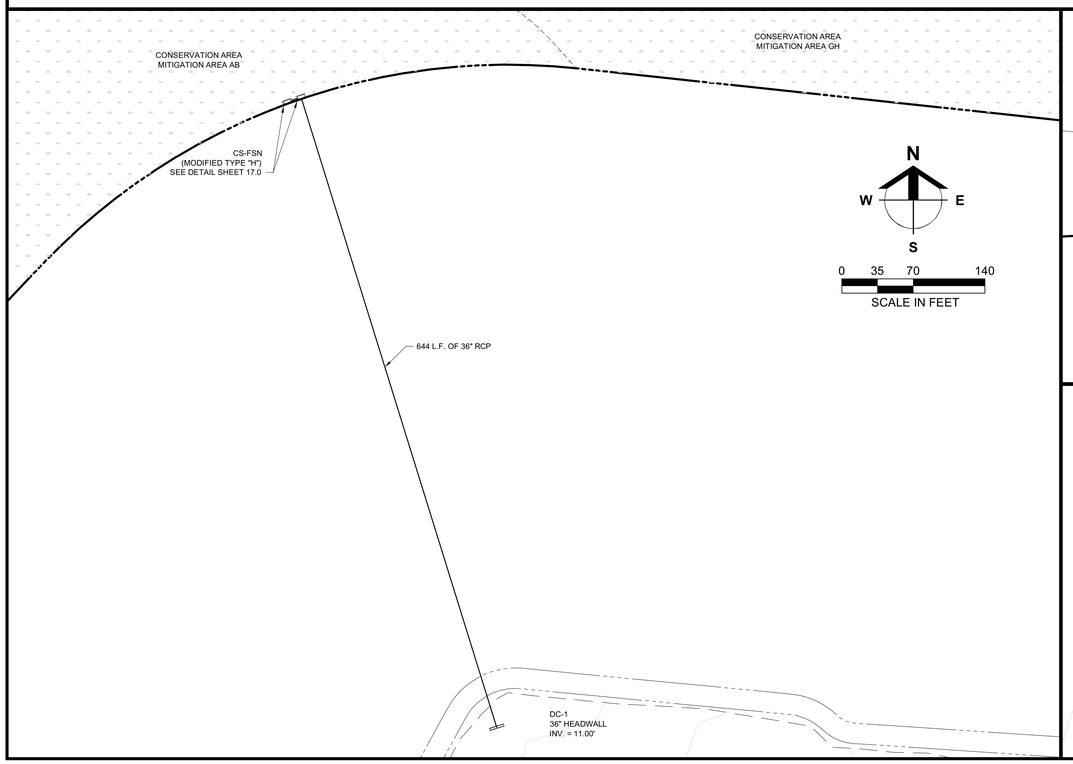
SKIMMER FOR OUTLET CONTROL STRUCTURES

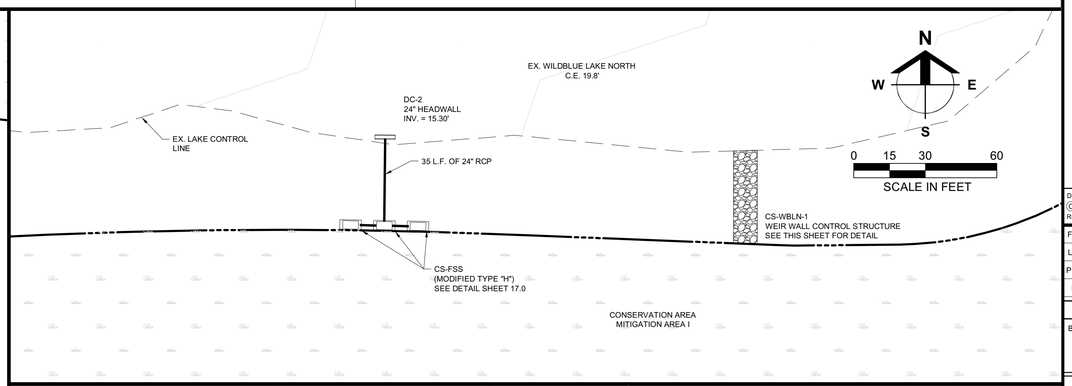


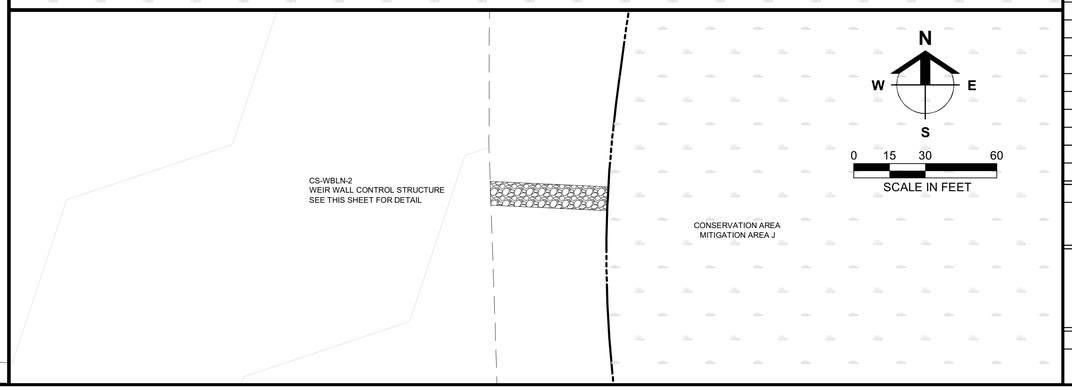
PICTORIAL VIEW

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.







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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	23675A42.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:06 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

CONTROL STRUCTURE DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	17.1

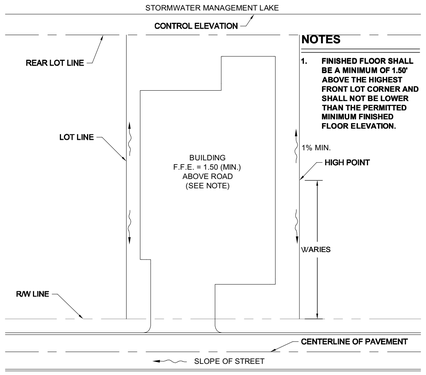
DOS2017-00103 Lee County ePlan

1 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

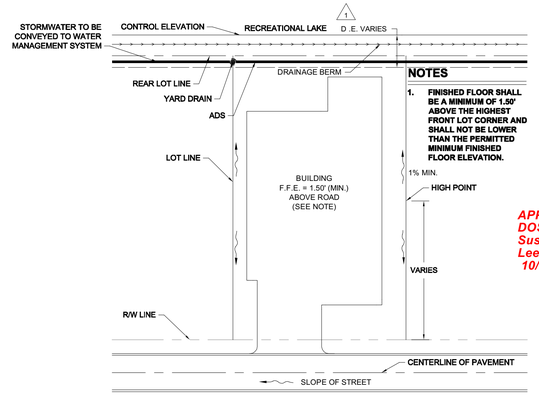
LOT #	WIDTH (')	DEPTH (')	Area (SF)
MIN.	50	100	5,000
93	93.8	157.0	14,083
94	95.3	157.0	14,208
95	95.3	157.0	14,208
96	97.0	157.0	14,458
97	97.0	157.0	14,458
98	95.3	157.0	14,208
99	95.3	157.0	14,208
100	55.4	157.0	14,163
101	85.2	157.0	13,376
102	86.7	157.0	13,612
103	86.7	157.0	13,612
104	85.2	157.0	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.

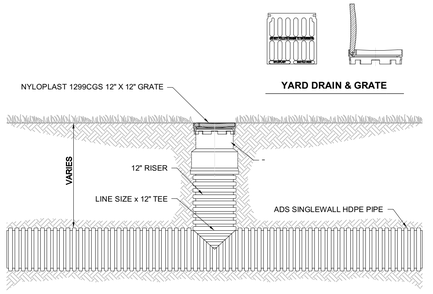


RECREATIONAL LAKE TYPICAL LOT GRADING PLAN

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.

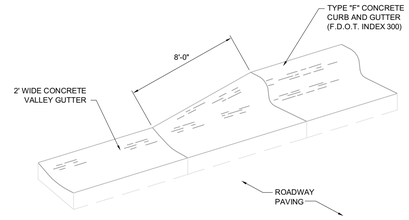


RESIDENTIAL YARD DRAIN

N.T.S.

NOTES

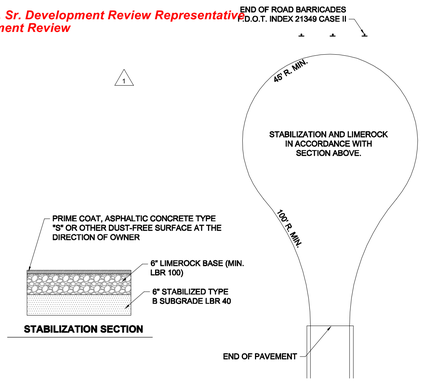
1. CURB TRANSITION TO BE PAID FOR AS TYPE "F" CURB AND GUTTER.
2. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI. WITHIN 28 DAYS UNLESS NOTED OTHERWISE.
3. SEE F.D.O.T. DESIGN STANDARDS INDEX 300 FOR ADDITIONAL DETAILS.



VALLEY GUTTER TO "F" CURB TRANSITION

N.T.S.

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018



TEMPORARY TURN AROUND

N.T.S.

Barraco and Associates, Inc.
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PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
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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FILE NAME	23675A44.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:07 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

3-30-18	DO COMMENTS DATED 12-21-17 1

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

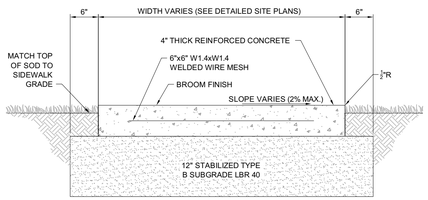
TYPICAL CONSTRUCTION DETAILS

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.

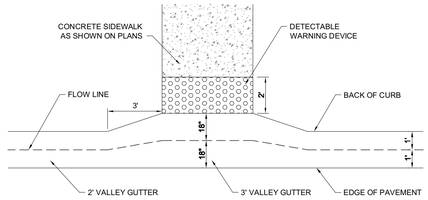


CONCRETE SIDEWALK

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.

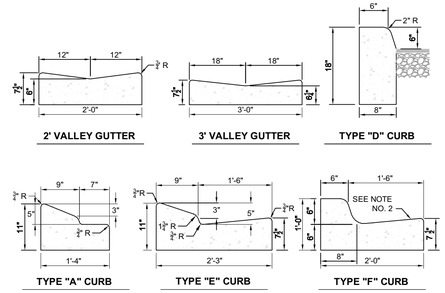


VALLEY GUTTER SIDEWALK CROSSING

N.T.S.

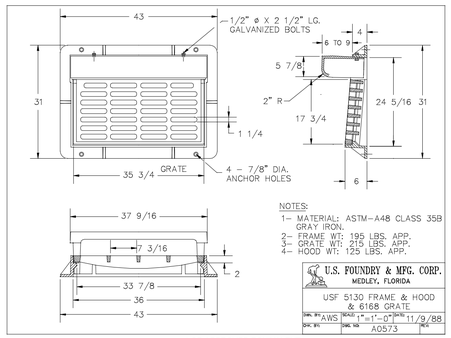
NOTES

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.



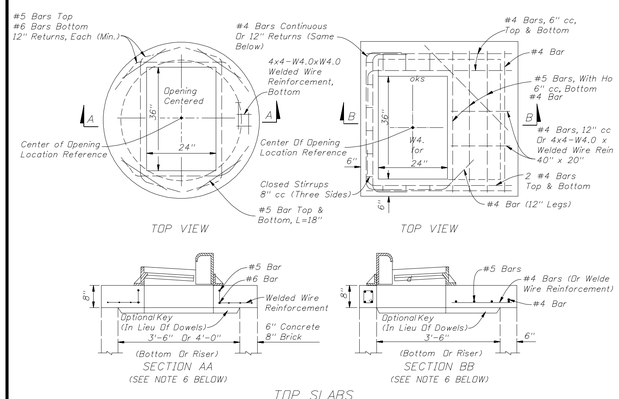
CONCRETE CURB

N.T.S.



* OR APPROVED EQUIVALENT

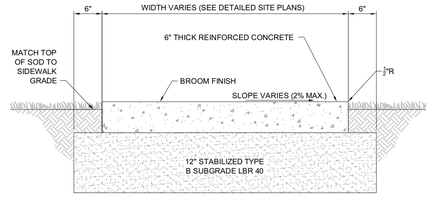
N.T.S.



NOTE: FOR MORE INFORMATION SEE FDOT INDEX #214

TYPE 9 CURB INLET

N.T.S.

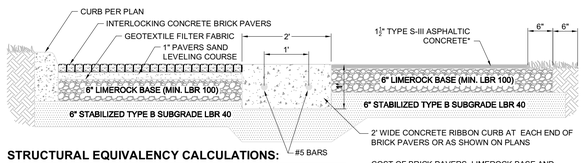


6" PLAIN CONCRETE DETAIL

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.

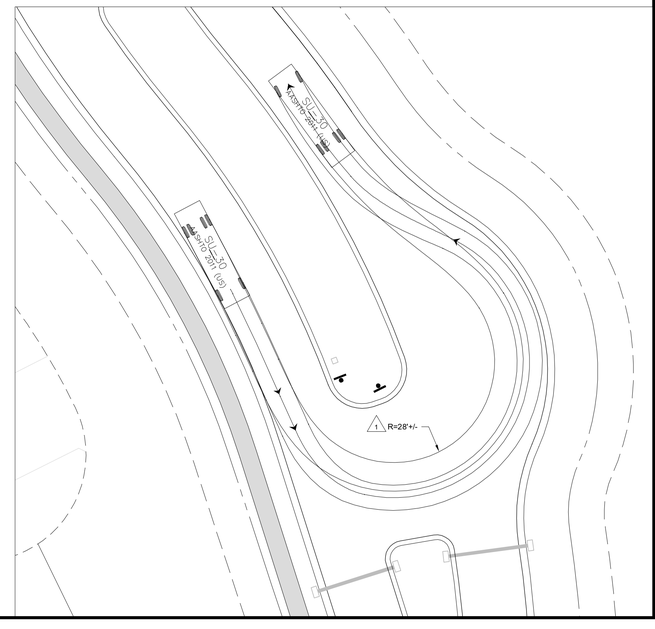
TYPICAL PAVEMENT SECTION

N.T.S.

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

1 TURN-AROUND DETAIL @ GUARD HOUSE

(SU-30)
1" = 20'



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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	23675A44.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:07 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

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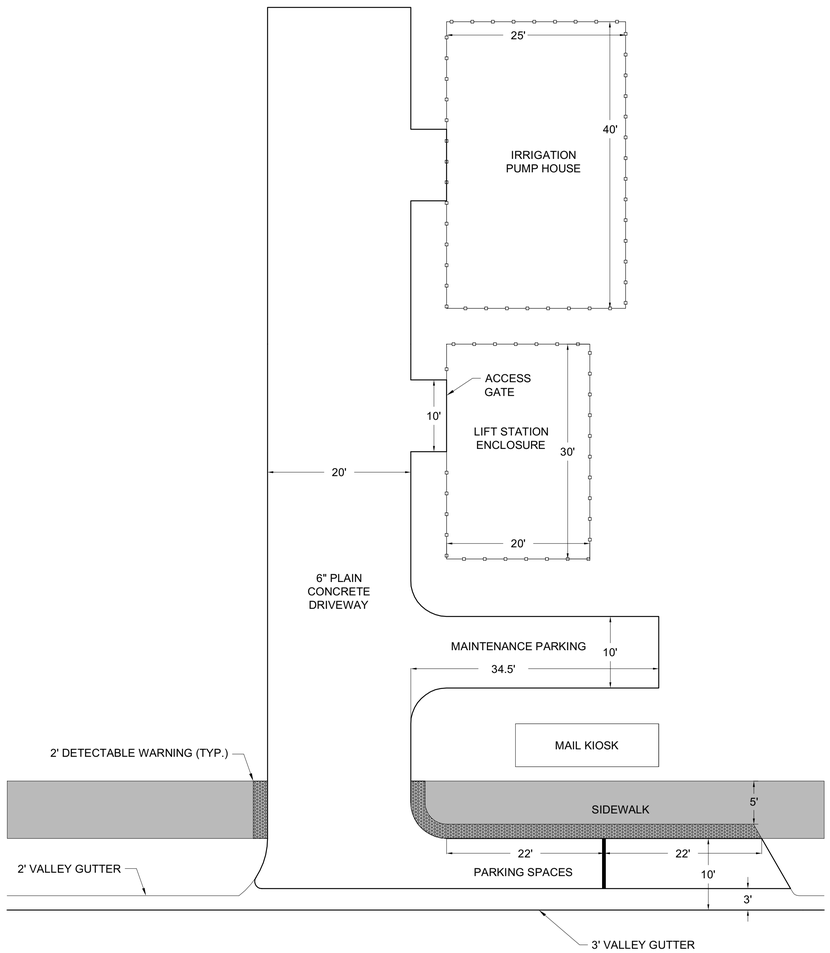
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

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: $Q=[29.83(C(d^2)p^{0.5})]$						Formula: $AFF=Q(((S-20)^{0.54}/((S-R)^{0.54}))$			
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

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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PLOT DATE	THU. 9-6-2018 - 12:07 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

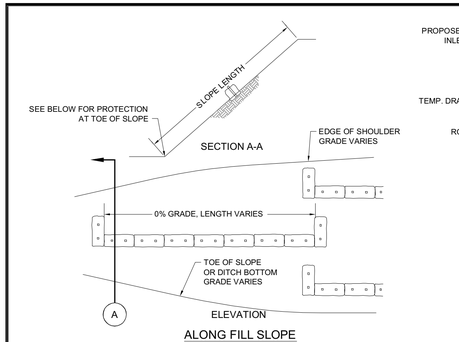
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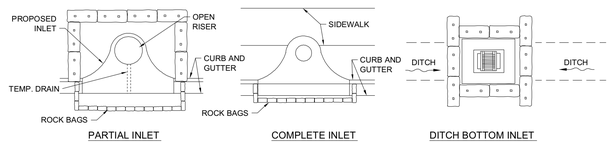
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

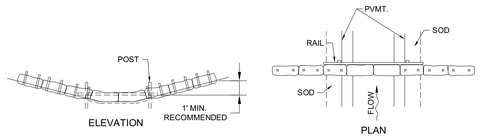
TYPICAL CONSTRUCTION DETAILS

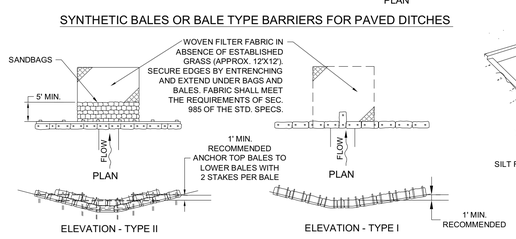
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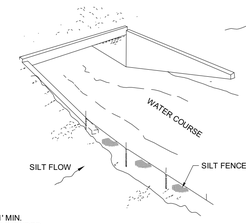
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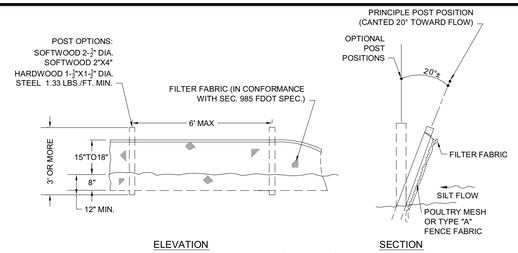


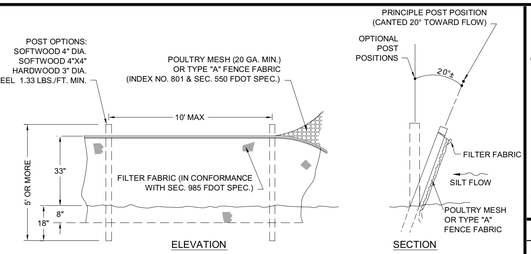


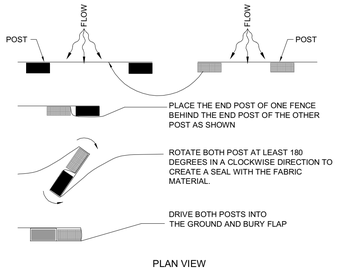


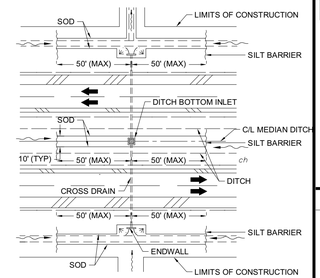








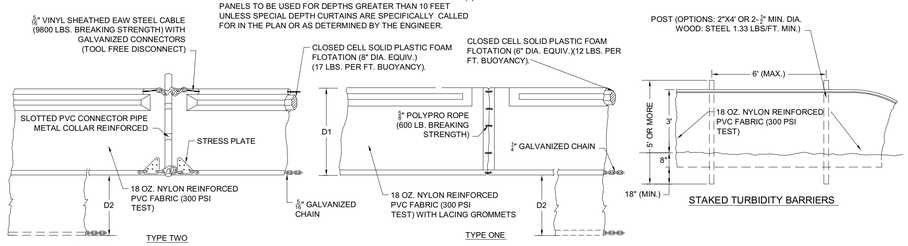


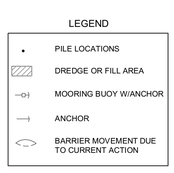


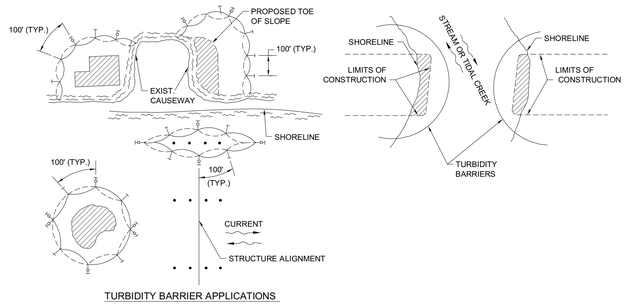
TEMPORARY EROSION AND SEDIMENT CONTROL DETAILS

NOTE: NOT ALL NOTES, DETAILS, SYMBOLS OR OTHER STANDARDS SHOWN ON THIS SHEET MAY BE APPLICABLE TO THIS PROJECT

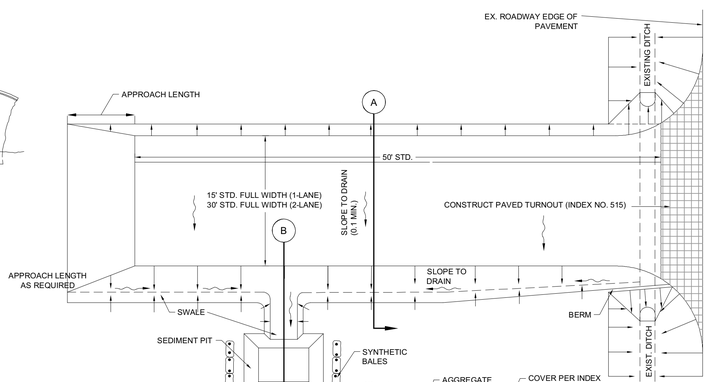
APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018







TURBIDITY BARRIERS



SOIL TRACKING PREVENTION DEVICE - TYPE "A"

EROSION CONTROL NOTES:

1. PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY APPROPRIATE EROSION CONTROL DEVICES SHALL BE INSTALLED TO CONTROL AND REDUCE SOIL EROSION AND SEDIMENT TRANSPORT TO OFF-SITE AREAS. THE CONTRACTOR SHALL MAINTAIN THESE DEVICES THROUGHOUT THE DURATION OF CONSTRUCTION. ALL DEVICES SHALL REMAIN IN PLACE UNTIL PERMANENT EROSION CONTROL IS ESTABLISHED.
2. THE CONTRACTOR SHALL SUPPLEMENT THIS PLAN AS REQUIRED TO CONTROL AND REDUCE SOIL EROSION BASED ON THE CONTRACTORS MEANS, METHODS AND TECHNIQUE OF CONSTRUCTION. IT IS RECOMMENDED THAT THE CONTRACTOR COMPLY WITH THE LATEST EDITIONS OF THE F.D.O.T. STANDARD SPECIFICATIONS SECTION 104 (PREVENTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION) AND THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL (THE "E&SC MANUAL").
3. THE DETAILS ON THIS SHEET REPRESENT TYPICAL BEST MANAGEMENT PRACTICES FOR SOIL EROSION CONTROL. THEY MAY NOT SATISFY ALL REQUIREMENTS FOR COMPLIANCE WITH REGULATORY AGENCIES AND / OR SPECIFIC PERMIT CONDITIONS AND ALL MAY NOT APPLY TO THIS PROJECT.
4. THE CONTRACTOR AND/OR OWNER SHALL VERIFY THAT THE RESPONSIBLE ENTITY HAS OBTAINED A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (N.P.D.E.S.) GENERAL PERMIT FROM THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (E.P.A.) / F.D.E.P. AND LOCAL REGULATORY AGENCY AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL CREATE, IMPLEMENT AND MAINTAIN A STORMWATER POLLUTION PREVENTION PLAN AS REQUIRED BY THE N.P.D.E.S. GENERAL PERMIT.
5. AREAS LOCATED ADJACENT TO WETLAND / UPLAND PRESERVE AREAS SHALL BE STABILIZED WITH SOD (OR AS CALLED FOR ON DETAILED PLANS) IMMEDIATELY UPON ACHIEVING FINAL GRADE.
6. EROSION CONTROL DEVICES WILL BE INSTALLED ALONG THE BOUNDARY OF THE CONSERVATION AREAS, PRESERVES AND/OR WETLAND AREAS PRIOR TO CONSTRUCTION. THESE DEVICES SHALL BE SILT SCREENS AND, IF NECESSARY, SYNTHETIC BALES. THESE DEVICES SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND THE ADJACENT CONSTRUCTION ZONES ARE ESTABLISHED.
7. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL METHODS UPON COMPLETION OF SOIL STABILIZATION FOR THE PROJECT. AT THAT TIME THE RESPONSIBLE ENTITY SHALL FILE AN N.P.D.E.S. STORMWATER POLLUTION PREVENTION PLAN NOTICE OF TERMINATION WITH THE F.D.E.P.
8. DURING CONSTRUCTION, INLET OPENINGS, WHERE APPROPRIATE, SHALL BE COVERED WITH FILTER FABRIC (MIRAFI 140N OR APPROVED EQUAL) TO PREVENT DEBRIS FROM FALLING INTO THE INLET.
9. CONTRACTOR SHALL UTILIZE APPROPRIATE METHODS TO CONTROL WIND EROSION AND DUST. ALL AREAS SHALL BE STABILIZED AS NECESSARY TO CONTROL EROSION WITHIN 7 DAYS OF FINAL GRADING.
10. FOR ADDITIONAL EROSION CONTROL DETAILS NOT SHOWN ON THIS PLAN, SEE F.D.O.T. ROADWAY STANDARDS INDEX DRAWINGS.

CONTRACTOR RESPONSIBILITIES:

1. PREPARE AND SIGN A NOTICE OF INTENT FORM (N.O.I.) AND SUBMIT TO THE REGULATORY AGENCY ALONG WITH ANY REQUIRED FEES AND ATTACHMENTS, OR ASSURE THAT AN N.O.I. HAS BEEN FILED AS REQUIRED.
2. IMPLEMENT THE STABILIZATION, EROSION CONTROL AND OTHER REQUIREMENTS OF THE S.W.P.P.P / EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN.
3. PROVIDE QUALIFIED INSPECTORS, AND DOCUMENTATION OF QUALIFICATIONS, FOR THE CONTROLS IMPLEMENTED AT THE JOB SITE.
4. CONDUCT ALL NECESSARY INSPECTIONS AT THE REQUIRED INTERVALS AND PREPARE AND RETAIN WRITTEN DOCUMENTATION OF THOSE INSPECTIONS AND ALL OTHER WRITTEN DOCUMENTATION REQUIRED BY THE GENERAL PERMIT.
5. KEEP A COPY OF THE S.W.P.P.P. / EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, ALL N.O.I.'S, PERMIT CERTIFICATES, PERMIT LANGUAGE, SPILL PREVENTION, COUNTERMEASURES, AND CLEANUP ("S.P.C.C.") PLAN; INSPECTION RECORDS; AND OTHER REQUIRED RECORDS ON THE JOB SITE AND POST IN A PROMINENT PLACE NEAR THE JOB SITE ENTRANCE THOSE DOCUMENTS REQUIRED TO BE POSTED UNDER THE TERMS OF THE GENERAL PERMIT.
6. CONTRACTOR SHALL PROVIDE MONTHLY TRAINING SESSIONS FOR ALL ENTITIES AND SUBCONTRACTORS INVOLVED WITH INSTALLING, APPLYING, PERFORMING, MAINTAINING AND INSPECTION OF THE S.W.P.P.P. / EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN.
7. UPDATE AND MAKE CHANGES TO THE S.W.P.P.P. / EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN AND SUPPORTING DOCUMENTS (SUCH AS THE B.M.P.'S AND / OR S.P.C.C.) AS NEEDED AND WITH THE APPROVAL OF THE OPERATOR AND THE OPERATOR'S ENGINEER.
8. PREPARE AND SIGN A NOTICE OF TERMINATION (N.O.T.) FORM WHEN SITE WORK CONSTRUCTION IS COMPLETED AND STABILIZATION IS ACHIEVED. TRANSFER THE S.W.P.P.P. / EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN DOCUMENTS, ALONG WITH ALL N.O.I.'S, PERMIT CERTIFICATES, N.O.T.'S, AND WRITTEN RECORDS REQUIRED BY THE GENERAL PERMIT TO THE OPERATOR FOR ARCHIVING IN BOTH PAPER AND OPTICALLY-SCANNED FORMAT ON A CD.

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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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FILE NAME	23675A50.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:07 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

MASTER = BAI-EROSION-2.DWG

PLAN REVISIONS

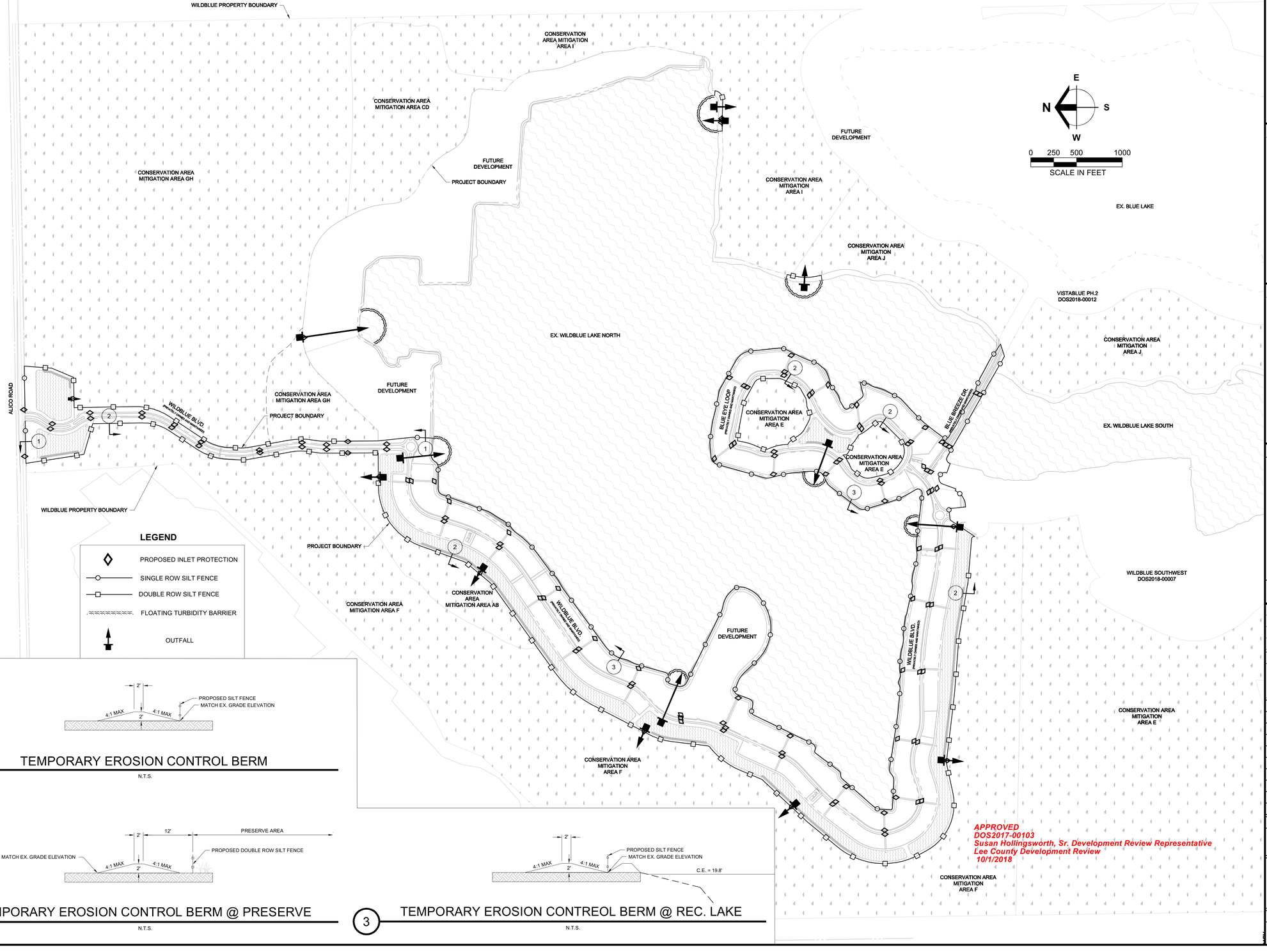
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

EROSION CONTROL DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	19.0

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.

3 TEMPORARY EROSION CONTREOL BERM @ REC. LAKE

N.T.S.

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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PREPARED FOR

LENNAR

LENNAR HOMES
10471 BEN C PRATT / 6 MILE
CYPRESS PARKWAY
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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FILE NAME	23675A52.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:07 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

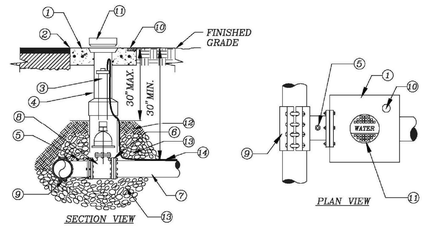
STORMWATER POLLUTION PREVENTION PLAN

PROJECT / FILE NO.	SHEET NUMBER
23675	20.0

DOS2017-00103 Lee County ePlan

STANDARD DETAIL NO. 6.1
LEE COUNTY UTILITIES
TAPPING SLEEVE AND VALVE

N.T.S.

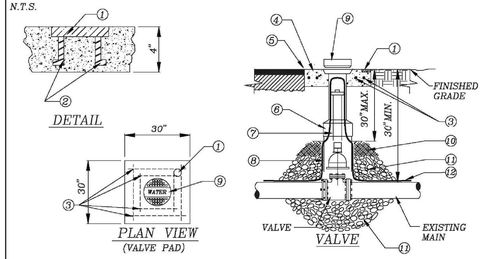


1. CONCRETE PAD (SEE VALVE INSTALLATION DETAIL)
2. SET TOP OF BOX FLUSH WITH FINISHED GRADE
3. EXTENSION STEM IF TOP OF OPERATING NUT IS MORE THAN 30" BELOW FINISH GRADE
4. VALVE BOX (SEE VALVE INSTALLATION DETAIL)
5. OUTLET FOR TESTING
6. MJ RESTRAINED
7. MAIN SIZE VARIES
8. TAPPING VALVE (SEE VALVE INSTALLATION DETAIL)
9. LCU APPROVED ALL STAINLESS STEEL PRESSURE RATED TAPPING SLEEVE. FOR SIZE ON SIZE TAPS A FLANGED TAPPING SLEEVE IS REQUIRED. SPRING LOADED TAPPING SLEEVE IS REQUIRED WHEN CONNECTING TO HDPE (SEE APPROVED MATERIAL LIST).
10. BRASS PLATE (SEE VALVE INSTALLATION DETAIL)
11. CAST IRON DROP COVER MARKED "WATER","SEWER", OR "REUSE"
12. COMPACTED SUITABLE EARTH BACKFILL
13. 3/4" GRANULAR MATERIAL #57 STONE
14. 12 GAUGE DOUBLE INSULATED COPPER LOCATING WIRE (SEE LCU STANDARD DETAIL)

REV: 12/10/2015

STANDARD DETAIL NO. 6.2
LEE COUNTY UTILITIES
VALVE INSTALLATION

N.T.S.

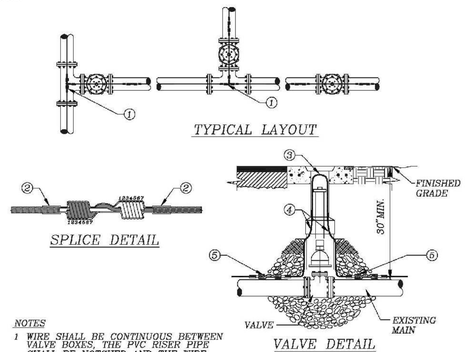


1. BRASS PLATE: SIZE OF VALVE, VALVE TYPE No. OF TURNS & DIRECTION TO OPEN VALVE M.F.G. & YEAR INSTALL SYSTEM "WATER" OR "SEWER" OR "REUSE" OR "FIRE"
2. ANCHOR
3. EIGHT (8) #4 BARS OVERLAP EACH CORNER BY 2"
4. 30"SQ X 4" THK.CONC.PAD SURROUNDING BOX, MIN. 3,000 P.S.I. POURED IN PLACE
5. SET TOP OF BOX FLUSH WITH FINISHED GRADE
6. HEAVY DUTY TRAFFIC BEARING CAST IRON VALVE BOX, ADJUSTABLE SCREW TYPE, 5 1/4" DIAMETER SHAFT THAT IS LCU APPROVED
7. EXTENSION STEM WITH 2" OPERATING NUT AS REQUIRED, IF NUT IS MORE THAN 30" BELOW FINISH GRADE
8. RISER NOT TO BEAR ON VALVE OR PIPE
9. CAST IRON DROP COVER MARKED "WATER" OR "SEWER" OR "REUSE OR "FIRE"
10. COMPACTED SUITABLE EARTH BACKFILL
11. 3/4" GRANULAR MATERIAL #57 STONE
12. 12 GAUGE DOUBLE INSULATED COPPER LOCATING WIRE (SEE LCU STANDARD DETAIL)

REV: 12/10/2015

STANDARD DETAIL NO. 6.3
LEE COUNTY UTILITIES
LOCATING WIRE FOR PRESSURE MAINS

N.T.S.



NOTES

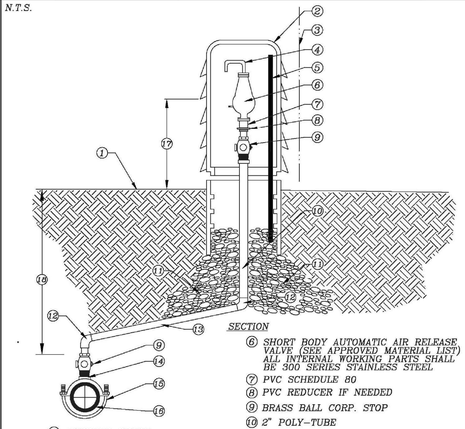
1. WIRE SHALL BE CONTINUOUS BETWEEN VALVE BOXES. THE PVC RISER PIPE SHALL BE NOTCHED AND THE WIRE ATTACHED TO THE RISER PIPE TO ALLOW FOR THE WIRE TO FIT INSIDE THE CAST IRON VALVE BOX WITHOUT SHEARING THE WIRE.
2. LOCATING WIRE SHALL BE LAID ON TOP OF THE MAIN AND SHALL BE TAPED TO IT AT 10' INTERVALS AND TAPED AT ALL FITTINGS. TAPE SHALL BE 10 MIL POLYETHYLENE.
3. CONTRACTOR SHALL CONDUCT A CONTINUITY TEST ON ALL LOCATING WIRE SPLICES PRIOR TO SCHEDULING THE OFFICIAL FINAL INSPECTION WITH LCU.
4. ALL SPLICES SHALL UTILIZE A DIRECT BURY WATERPROOF SPLICE KIT. (SEE APPROVED MATERIAL LIST)

1. SPLICE RUN TOGETHER, KEEP CLEAR OF FITTING, TYPICAL
2. COVER SPLICE WITH 2 WRAPS OF 10 MIL POLYETHYLENE TAPE
3. 6" LOOP OF BARE WIRE, 9" MAX. DEPTH TO TOP OF BARE WIRE
4. 12 GAUGE DOUBLE INSULATED COPPER LOCATING WIRE
5. SPLICE (SEE DETAIL THIS SHEET)

REV: 12/10/2015

STANDARD DETAIL NO. 6.4
LEE COUNTY UTILITIES
AUTOMATIC AIR RELEASE VALVE

N.T.S.

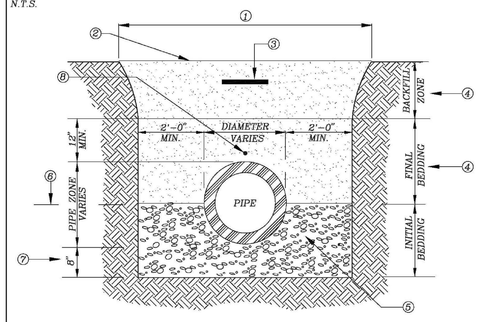


1. FINISHED GRADE
2. PEDESTAL HOUSING (SEE APPROVED MATERIAL LIST) COLORS: BLUE–WATER, GREEN–SEWER, PANTONE–REUSE
3. EDGE OF RIGHT–OF–WAY
4. PVC STREET ELL
5. S.S. POST WITH S.S. HARDWARE AND S.S. LOCKING HASP WITH BRASS LOCK
6. SHORT BODY AUTOMATIC AIR RELEASE VALVE (SEE APPROVED MATERIAL LIST) ALL INTERNAL WORKING PARTS SHALL BE 300 SERIES STAINLESS STEEL
7. PVC SCHEDULE 80
8. PVC REDUCER IF NEEDED
9. BRASS BALL CORP. STOP
10. 2" POLY–TUBE
11. 3/4" GRANULAR MATERIAL, #57 STONE
12. 2" BRASS FITTING IF NECESSARY
13. 1% MIN. SLOPE UP, 2" POLY–TUBE
14. TAP AT CROWN OF PIPE
15. 2" DOUBLE STRAP TAPPING SADDLE (SEE APPROVED MATERIAL LIST)
16. EXISTING PRESSURE MAIN
17. 24"
18. 30" MIN.

REV: 12/10/2015

STANDARD DETAIL NO. 6.5
LEE COUNTY UTILITIES
TRENCH CROSS SECTION

N.T.S.

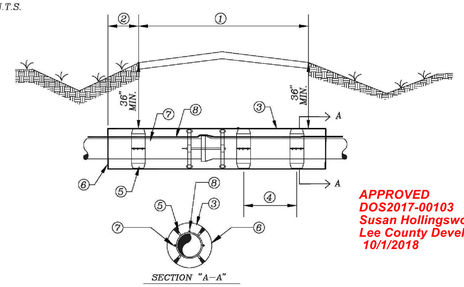


1. EXCAVATED TRENCH
2. FINISHED GRADE
3. MARKING TAPE 12" DEPTH MAX.
4. MATERIALS CLEAN DRY SAND, FINE LIME ROCK OR PIT SHELL MECHANICALLY COMPACTED IN 6" LIFTS TO AT LEAST 95% OF MAX. DENSITY, OR 98% IF UNDER PAVED AREA OF ROADWAY.
5. #57 STONE LOCATED UNDER PIPE OR EXISTING UNDISTURBED SUITABLE MATERIAL
6. SPRING LINE
7. STANDARD 6" MIN TRENCH UNDERCUT AND BACKFILL WITH #57 STONE COMPACTED IN 6" LIFTS ADDITIONAL UNDERCUT AND CRUSHED ROCK BEDDING FOUNDATION WHEN DIRECTED BY L.C.U. THE CONTRACTOR IS TO REMOVE UNSTABLE MATERIAL FROM THE TRENCH FOUNDATION. THEN INSTALL STABILIZED CRUSHED ROCK BACKFILL WITH #57 STONE COMPACTED IN 6" LIFTS
8. LOCATING WIRE IS REQUIRED FOR ALL PRESSURIZED PIPELINES.

REV: 12/10/2015

STANDARD DETAIL NO. 6.6
LEE COUNTY UTILITIES
JACK AND BORE

N.T.S.



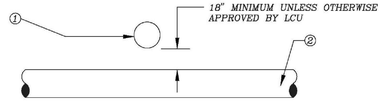
1. LIMITS OF PAVEMENT
2. EXTEND CASING 4' MIN. BEYOND E.O.P. AND/OR BACK OF CURB FOR L.C.D.O.T. MAINTAINED R.O.W. AND 8' MIN. FOR F.D.O.T. MAINTAINED R.O.W.
3. STEEL CASING PIPE CONFORMING TO ASTM A–139
4. 7'O.C. MAX OR AS PER MANUFACTURER'S RECOMMENDATION
5. L.C.U. APPROVED CASING SPACERS
6. SEAL CASING ENDS WITH: 8" WALL OF BRICK MASONRY WITH WEEP HOLE INSTALLED NEAR BOTTOM, OR APPROVED EQUAL
7. ALL JOINTS OF THE CARRIER PIPE SHALL HAVE BELL RESTRAINTS
8. 12 GAUGE DOUBLE INSULATED COPPER WIRE (SEE LCU STANDARD DETAIL)

REV: 12/10/2015

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

STANDARD DETAIL NO. 6.8
LEE COUNTY UTILITIES
WATER AND SEWER CROSSING DETAIL

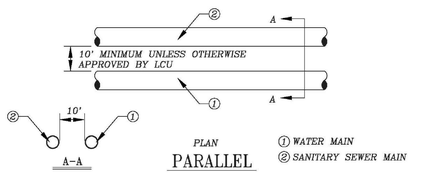
N.T.S.



1. WATER MAIN
2. SANITARY SEWER MAIN

NOTE: IF LESS THAN 18" CLEARANCE ENCASE WATER MAIN IN STEEL CASING

N.T.S.



1. WATER MAIN
2. SANITARY SEWER MAIN

NOTE: IF LESS THAN 10' CLEARANCE ENCASE WATER MAIN IN STEEL CASING

REV: 12/10/2015

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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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FILE NAME	23675A70.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:08 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

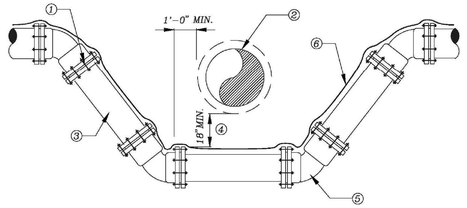
UTILITY DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	21.0

DOS2017-00103 Lee County ePlan

STANDARD DETAIL NO. 6.10
LEE COUNTY UTILITIES
WATER PRESSURE LINE VERTICAL OFFSET W/ DUCTILE IRON MJ FITTINGS & PIPE

N.T.S.



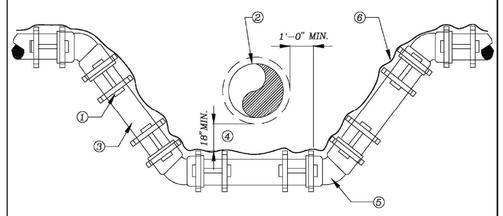
1. LCU APPROVED JOINT RESTRAINT FOR D.I., M.J. PIPE AND FITTINGS PLACED IN ACCORDANCE WITH JOINT RESTRAINT SCHEDULE. (SEE DETAIL 6.12)
2. CONFLICT PIPE
3. LCU APPROVED DUCTILE IRON PIPING PRESSURE CLASS 350
4. 18" MIN. UNLESS OTHERWISE APPROVED BY LCU
5. 45° MECHANICAL JOINT FITTING, TYPICAL
6. 12 GAUGE DOUBLE INSULATED COPPER WIRE (SEE LCU STANDARD DETAIL)

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

REV: 12/10/2015

STANDARD DETAIL NO. 6.11
LEE COUNTY UTILITIES
WASTE WATER FORCE MAIN VERTICAL OFFSET WITH FITTINGS, (P.V.C.)

N.T.S.



WASTE WATER FORCE MAIN

1. LCU APPROVED JOINT RESTRAINT FOR P.V.C., M.J. PIPE AND FITTINGS PLACED IN ACCORDANCE WITH JOINT RESTRAINT SCHEDULE. (SEE DETAIL 6.12)
2. CONFLICT PIPE
3. LCU APPROVED C-900 PVC DR 14
4. 18" MIN. UNLESS OTHERWISE APPROVED BY LCU
5. 45° MECHANICAL JOINT FITTING, TYPICAL
6. 12 GAUGE DOUBLE INSULATED COPPER WIRE (SEE LCU STANDARD DETAIL)

REV: 12/10/2015

STANDARD DETAIL NO. 6.12
LEE COUNTY UTILITIES
RESTRAINED LENGTH SCHEDULE

N.T.S.

DUCTILE IRON PIPE

PIPE SIZE (Inches)	MINIMUM RESTRAINED PIPE LENGTH (FEET)					
	HORIZONTAL BENDS				DEAD END	HORIZONTAL TEE
	90°	45°	22-1/2°	11-1/4°		
4	17	7	4	2	29	6
6	23	10	5	2	40	17
8	29	12	6	3	53	29
10	35	14	7	4	63	38
12	41	17	8	4	74	49
16	51	21	11	5	94	68
24	69	29	14	7	131	105
30	81	34	17	8	156	129

PVC PIPE

PIPE SIZE (Inches)	MINIMUM RESTRAINED PIPE LENGTH (FEET)					
	HORIZONTAL BENDS				DEAD END	HORIZONTAL TEE
	90°	45°	22-1/2°	11-1/4°		
4	20	8	4	2	45	8
6	29	12	6	3	63	25
8	36	15	8	4	83	43
10	44	18	9	5	99	58
12	51	21	11	5	116	74
16	63	26	13	7	149	103
24	87	36	18	9	208	158
30	102	42	21	10	248	194

A COMPLETE JOINT RESTRAINING SCHEDULE FOR ALL ENCOUNTERED VERTICAL & HORIZONTAL BENDS, VERTICAL OFFSETS, TEES, AND DEAD ENDS SHALL BE THE RESPONSIBILITY OF THE DESIGN ENGINEER.

LENGTH FIGURES BASED ON FOLLOWING:

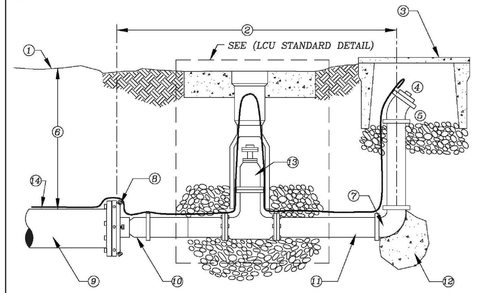
Pressure = 150 psi, FS = 1.5, trench type = 3, 30" cover on Bare pipe, Soil type = GP & SP

REV: 12/10/2015

STANDARD DETAIL NO. 6.14
~~LEE COUNTY UTILITIES~~
BLOW OFF DETAIL

1

N.T.S.



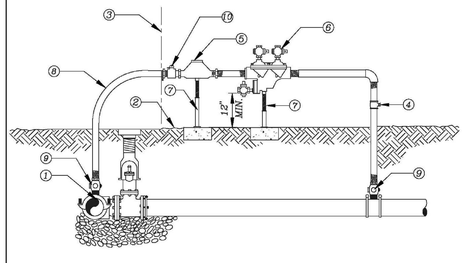
1. FINISHED GRADE
2. 5'-0" MAX
3. WATER METER BOX W/GRAVEL BOTTOM (SEE APPROVED MATERIAL LIST)
4. 2" THREADED PLUG
5. 2"-45° BEND
6. 30" MIN.
7. 2"-90° BEND
8. M.J. CAP WITH 2" TAP
9. END OF WATER MAIN, R.J. PER SCHEDULE
10. 2" THREADED
11. 2" P.V.C.(SCH 80) I.P.S. MALE ADAPTER
12. POURED IN PLACE THRUST BLOCKING (SEE DETAIL 9.20)
13. 2" DIAMETER GATE VALVE
14. 12 GAUGE DOUBLE INSULATED COPPER LOCATING WIRE (SEE LCU STANDARD DETAIL)

NOTE:
ALL PIPING TO BE 2" P.V.C. (SCH 80) THREADED FITTINGS OR SOLVENT WELDED FITTINGS

REV: 12/10/2015

STANDARD DETAIL NO. 6.15
LEE COUNTY UTILITIES
TEMPORARY CONSTRUCTION JUMPER WITH METER

N.T.S.



NOTES:

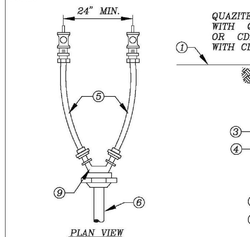
CONTRACTOR/CUSTOMER SHALL APPLY AT LEE COUNTY UTILITIES FOR TEMPORARY WATER SERVICE FIVE DAYS PRIOR TO REQUIRED SERVICE DATE. THE METER ONLY WILL BE FURNISHED BY LEE COUNTY UTILITIES. ALL FITTINGS, PIPING, VALVES AND MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR/CUSTOMER. THE APPROVED BACKFLOW PREVENTION DEVICE SHALL BE TESTED AND CERTIFIED BY LEE COUNTY UTILITIES APPROVED CERTIFIED BACKFLOW PREVENTION TECHNICIAN (FURNISHED BY CONTRACTOR/CUSTOMER) AT TIME OF METER INSTALLATION. CONTRACTOR/CUSTOMER SHALL PROTECT THE ASSEMBLY FROM DAMAGE. TEMPORARY CONSTRUCTION JUMPER/METER ASSEMBLY SHALL NOT BE REMOVED UNTIL SYSTEM IS ACCEPTED AND DEPARTMENT OF HEALTH CERTIFICATION AND CLEARANCE FOR SERVICE FORM HAS BEEN RECEIVED BY LEE COUNTY UTILITIES. WHEN THE NEW SYSTEM IS ACCEPTED, THE TEMPORARY CONSTRUCTION JUMPER METER ASSEMBLY MUST BE COMPLETELY REMOVED DOWN TO CORP STOPS.

1. TAPPING SLEEVE AND VALVE TO BE FULLY RESTRAINED ON EXISTING MAIN (SEE LCU STANDARD DETAIL)
2. GRADE
3. PROPERTY LINE AND/OR RIGHT OF WAY LINE
4. BRONZE BALL VALVE
5. METER FURNISHED BY LEE COUNTY UTILITIES
6. REDUCED PRESSURE BACKFLOW PREVENTER
7. PIPE STAND (SEE LCU STANDARD DETAIL)
8. 2" DIA. HDPE DR9
9. 2" DIA. CORPORATION STOP
10. 2" DIA. CURB STOP

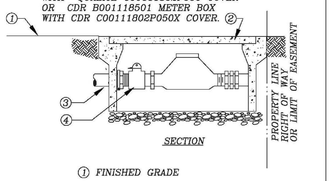
REV: 12/10/2015

STANDARD DETAIL NO. 6.16
LEE COUNTY UTILITIES
WATER SERVICE INSTALLATION 5/8" THROUGH 1"

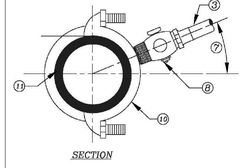
N.T.S.



PLAN VIEW



SECTION



SECTION

1. FINISHED GRADE
2. METER BOX WITH COVER TO BE LOCATED INSIDE R.O.W. @ PROPERTY LINE & CLEAR OF DRIVEWAYS.
3. POLYETHYLENE TUBING, PE 3408, 200PSI, SDR9, BLUE (SEE APPROVED MATERIAL LIST)
4. STRAIGHT CURB STOP WITH PADLOCK WINGS CONNECTED TO LEE COUNTY WATER METER (SEE APPROVED MATERIAL LIST)
5. 3/4" POLYETHYLENE TUBING, PE 3408, 200 PSI, SDR 9, BLUE (SEE APPROVED MATERIAL LIST) WITH LOCATING WIRE
6. 1" POLYETHYLENE TUBING, PE 3408, SDR 9, BLUE (SEE APPROVED MATERIAL LIST) WITH LOCATING WIRE
7. MIN. 22 1/2° NOT TO EXCEED 45°
8. BALL CORPORATION STOP (SEE APPROVED MATERIAL LIST)
9. BRASS "Y" OR "T" CONNECT (SEE APPROVED MATERIAL LIST)
10. DOUBLE STRAP SERVICE SADDLE PROVIDE SPRING LOADED TAPPING SADDLE WHEN TAPPING HDPE (SEE APPROVED MATERIAL LIST)
11. WATER MAIN

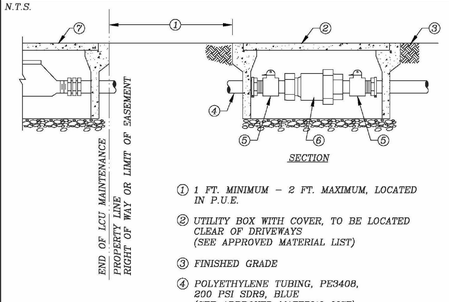
NOTES:

1. TUBING UNDER ROADWAY SHALL BE ENCASED IN 4" P.V.C. PIPE SCHEDULE 40 MINIMUM AND EXTEND 4 FEET BEYOND THE EDGES OF PAVEMENT OR BACK OF CURB.

REV: 12/10/2015

STANDARD DETAIL NO. 6.18
LEE COUNTY UTILITIES
5/8" THROUGH 2" SINGLE FAMILY RESIDENTIAL CROSS CONNECTION CONTROL ASSEMBLY

N.T.S.



SECTION

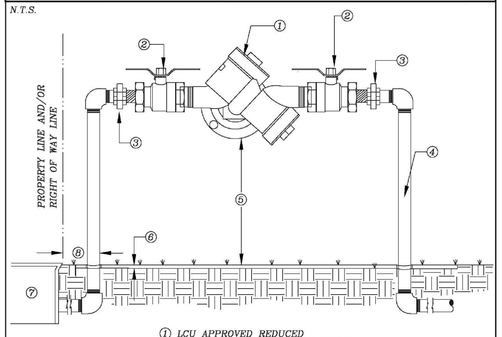
1. 1 FT. MINIMUM – 2 FT. MAXIMUM, LOCATED IN P.U.E.
2. UTILITY BOX WITH COVER, TO BE LOCATED CLEAR OF DRIVEWAYS (SEE APPROVED MATERIAL LIST)
3. FINISHED GRADE
4. POLYETHYLENE TUBING, PE3408, 200 PSI SDR9, BLUE (SEE APPROVED MATERIAL LIST)
5. STRAIGHT CURB STOP (SEE APPROVED MATERIAL LIST)
6. L.C.U. APPROVED DUAL CHECK BACKFLOW PREVENTER (SEE APPROVED MATERIAL LIST)
7. WATER METER BOX

NOTE:
1. INITIAL DEVICE TESTING REQUIRED. REFURBISH OR REPLACE DUAL CHECK BACKFLOW PREVENTER AT LEAST EVERY 5 TO 10 YEARS.

DATE: 12/10/2015

STANDARD DETAIL NO. 6.19
LEE COUNTY UTILITIES
3/4" TO 2" CROSS CONNECTION CONTROL ASSEMBLY

N.T.S.



1. LCU APPROVED REDUCED PRESSURE BACKFLOW PREVENTION DEVICE (SEE APPROVED MATERIAL LIST)
2. FULL FLOW BRONZE BALL VALVE
3. UNION
4. ALL PIPING AND FITTINGS SHALL BE BRASS OR COPPER
5. 12"MIN.–24"MAX. UNLESS OTHERWISE APPROVED BY LCU
6. FINISHED GRADE
7. METER BOX
8. 2' MAXIMUM

NOTES:
1. UNIONS REQUIRED
2. INITIAL AND ANNUAL DEVICE TESTING REQUIRED

REV: 12/10/2015

Barraco and Associates, Inc.
CIVIL ENGINEERING - LAND SURVEYING
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2271 McGREGOR BLVD., SUITE 100
POST OFFICE DRAWER 2800
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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	23675A70.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:08 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

3-30-18	DO COMMENTS DATED 12-21-17 1

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

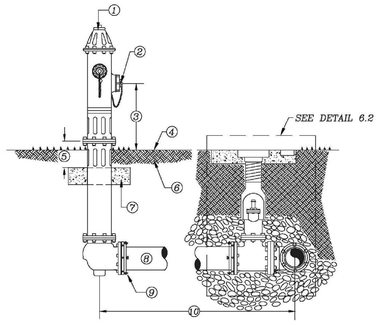
UTILITY DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	21.1

DOS2017-00103 Lee County ePlan

STANDARD DETAIL NO. 6.24
LEE COUNTY UTILITIES
FIRE HYDRANT ASSEMBLY

N.T.S.

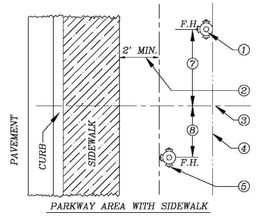


1. FIRE HYDRANT: STANDARD A.W.W.A. SAFETY YELLOW (SEE APPROVED MATERIAL LIST)
2. PUMPER CONNECTION FACING AS PER FIRE DISTRICT RECOMMENDATION
3. 18" MIN. – 24" MAX.
4. FINISHED GRADE
5. 6" MIN. CLEARANCE
6. COMPACTED FILL
7. 30" X 30" X 4" CONCRETE BREAK AWAY CONCRETE PAD, 3000 P.S.I.
8. PIPE TO BE D.I.P., PRESSURE CLASS 350
9. RESTRAINED JOINTS, FROM HYDRANT TO WATER MAIN
10. VARIABLE DISTANCE, IF GREATER THAN 100' A VALVE SHALL BE INSTALLED AT HYDRANT BASE

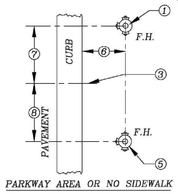
REV: 12/10/2015

STANDARD DETAIL NO. 6.25
LEE COUNTY UTILITIES
FIRE HYDRANT LOCATIONS/CLEARANCE

N.T.S.

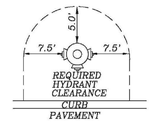


PARKWAY AREA WITH SIDEWALK
(PLAN VIEW)



PARKWAY AREA OR NO SIDEWALK
(PLAN VIEW)

1. PREFERRED LOCATION
2. F.H. TO BE LOCATED 2' MINIMUM FROM EDGE OF SIDEWALK
3. P.T. OR P.C. OF CURB RETURN
4. PROPERTY LINE RIGHT–OF–WAY OR LIMIT OF EASEMENT
5. ACCEPTABLE LOCATION WITH CURB RADIUS OF 20' OR MORE
6. BETWEEN 2'–0" MIN. AND 6'–0" MAX.
7. 6'–0"
8. 4'–0"



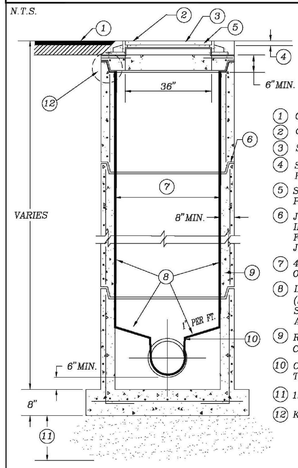
(PLAN VIEW)

NOTES
1. OBSTRUCTIONS SUCH AS UTILITY POLES, STREET SIGNS, IRRIGATION BOXES, FENCES, ETC. SHALL NOT BE PLACED BETWEEN CURB AND HYDRANT.
2. SOME LOCATIONS APPLY AT EITHER END OF CURB RETURNS.
3. DIMENSION SHOWN ON CONSTRUCTION DRAWINGS SUPERCEDE LOCATIONS SHOWN HERE.

REV: 12/10/2015

STANDARD DETAIL NO. 6.28
LEE COUNTY UTILITIES
MASTER PRECAST CONCRETE MANHOLE

N.T.S.



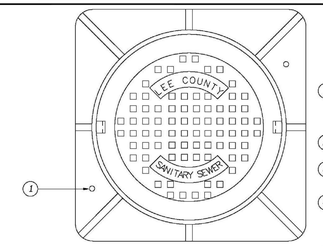
1. GRADE
2. GROUT TYP.
3. SEE MASTER MANHOLE COVER DETAIL
4. SET TOP OF COVER 2 1/2" ABOVE FINISHED GRADE IN UPVAED AREAS
5. SET TOP OF COVER FLUSH WITH PAVEMENT IN PAVED AREA.
6. JOINTS SHALL BE SEALED ON INTERIOR & EXTERIOR WITH A FLEXIBLE PREFORMED BITUMASTIC JOINT MATERIAL, RAMNEK OR EQUAL.
7. 4' OR 6' DIA. PER DISCRETION OF LEE COUNTY UTILITIES
8. INTERIOR COATING/LINER (SEE APPROVED MATERIAL LIST) SYSTEM TO COVER ENTIRE BENCH AND INVERT CHANNEL
9. REINFORCED PRECAST CONCRETE CLASS "A" TYPE II 4,000 PSI
10. CONSTRUCT INVERT CHANNEL TO CROWN OF SEWER PIPE
11. 12" CRUSHED ROCK BASE
12. KEYED JOINT (TYP)

NOTES:
1. MASTER MANHOLES FOR WASTEWATER PUMPING STATIONS SHALL HAVE ONLY ONE INFLUENT AND ONE EFFLUENT PIPE, UNLESS OTHERWISE APPROVED BY LEE COUNTY UTILITIES.
2. FLEXIBLE, RESILIENT CONNECTIONS SHALL BE INSTALLED FOR ALL CONNECTIONS BETWEEN MANHOLE AND PIPES.

REV: 12/10/2015

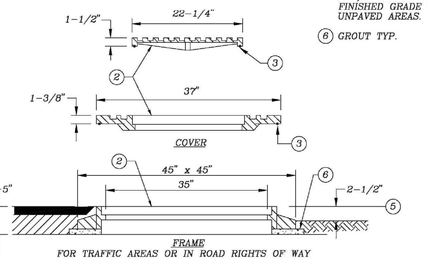
STANDARD DETAIL NO. 6.29
LEE COUNTY UTILITIES
MASTER MANHOLE FRAME AND COVER

N.T.S.



(PLAN VIEW)

1. 13/16"ø HOLE FOR 3/4" ANCHOR BOLT 2 HOLES LOCATED 180° APART
2. MACHINED SURFACE
3. DOVETAIL GROOVE & "O" RING GASKET
4. SET TOP OF COVER FLUSH WITH PAVEMENT IN PAVED AREA.
5. SET TOP OF COVER 2–1/2" ABOVE FINISHED GRADE IN UNPAVED AREAS.
6. GROUT TYP.

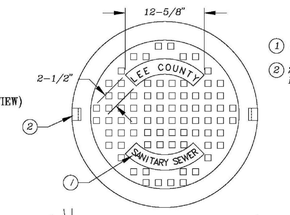


FOR TRAFFIC AREAS OR IN ROAD RIGHTS OF WAY
(SECTION VIEW)

REV: 12/10/2015

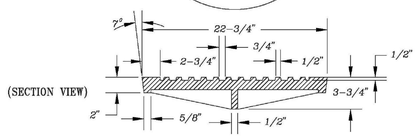
STANDARD DETAIL NO. 6.30
LEE COUNTY UTILITIES
MANHOLE FRAME COVER

N.T.S.

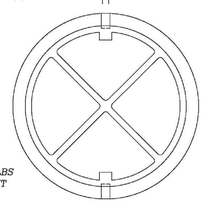


(PLAN VIEW)

1. 3/4" HIGH LETTERS
2. 2 NON PENETRATING PICKHOLES



(SECTION VIEW)



(PLAN VIEW)

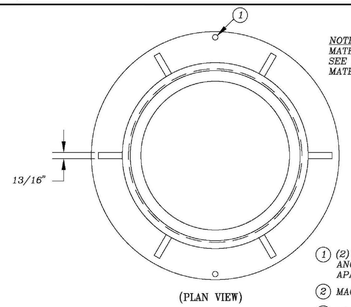
NOTE
PROVIDE PLASTIC INFLOW PROTECTORS FOR ALL MANHOLES IN NON–TRAFFIC BEARING AREAS. PROVIDE 304 STAINLESS STEEL INFLOW PROTECTORS FOR ALL MANHOLES IN TRAFFIC BEARING AREAS. (SEE APPROVED MATERIAL LIST)

NOTE:
COVER WEIGHT 130 LBS (APROX.) RING WEIGHT 195 LBS (APROX.)

REV: 12/10/2015

STANDARD DETAIL NO. 6.31
LEE COUNTY UTILITIES
MANHOLE FRAME RING

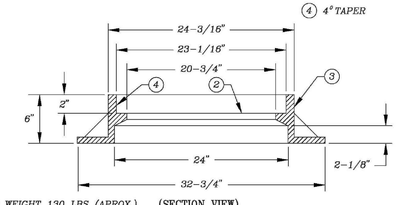
N.T.S.



NOTE:
MATERIAL: CAST IRON, SEE APPROVED MATERIAL LIST

(PLAN VIEW)

1. (2) 1–13/16" DIA. ANCHOR HOLES 180° APART
2. MACHINE SURFACES
3. 2° TAPER
4. 4° TAPER



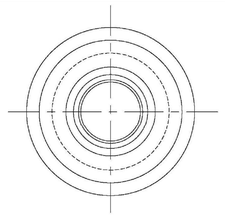
NOTE:
COVER WEIGHT 130 LBS (APROX.)
RING WEIGHT 195 LBS (APROX.)

(SECTION VIEW)

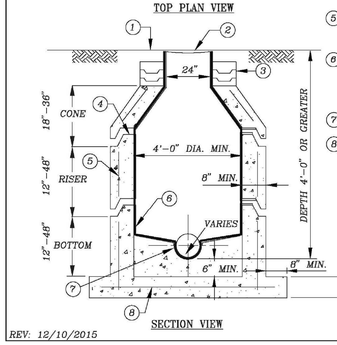
REV: 12/10/2015

STANDARD DETAIL NO. 6.33
LEE COUNTY UTILITIES
PRECAST MANHOLE–CONCENTRIC

N.T.S.



TOP PLAN VIEW



SECTION VIEW

1. FINISHED GRADE
2. MANHOLE RING & COVER SEE STANDARD DETAIL AND APPROVED MATERIAL LIST.
3. 4" MIN., PRECAST CONCRETE ADJUSTING RINGS. TOTAL HEIGHT OF CHIMNEY NOT TO EXCEED 12" UNLESS OTHERWISE APPROVED BY LCU.
4. JOINTS SHALL BE SEALED ON INTERIOR & EXTERIOR WITH A FLEXIBLE PREFORMED BITUMASTIC JOINT MATERIAL, (SEE AS APRROVED MATERIAL LIST).
5. REINFORCED PRECAST CONCRETE CLASS "A" TYPE II 4,000 PSI
6. INTERIOR COATING/LINER (SEE APPROVED MATERIAL LIST) SYSTEM TO COVER ENTIRE BENCH AND INVERT CHANNEL
7. BUILD BENCH TO SPRING LINE OR ABOVE
8. #5 BARS @ 12" O.C. E.W. TYPICAL

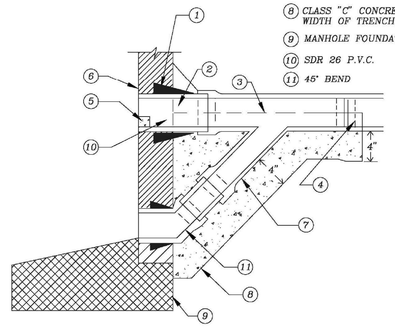
8" IF 13' OR LESS DEEP
12" IF GREATER THAN 13' DEEP

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

REV: 12/10/2015

STANDARD DETAIL NO. 6.36
LEE COUNTY UTILITIES
OPTIONAL MANHOLE DROP 2' TO 4'

N.T.S.



1. CAST IN PLACE FLEX PIPE CONNECTION BOOT W/SERIES 300 S.S. AND RUBBER BOOT
2. STUB PIPE
3. CONCRETE TO SPRING LINE OF PIPE
4. COMPRESSION COUPLING CONNECTION OR APPROVED EQUAL
5. 2" CONCRETE DAM
6. MANHOLE WALL
7. WYE
8. CLASS "C" CONCRETE WIDTH OF TRENCH
9. MANHOLE FOUNDATION
10. SDR 26 P.V.C.
11. 45° BEND

REV: 12/10/2015

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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	23675A70.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:08 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

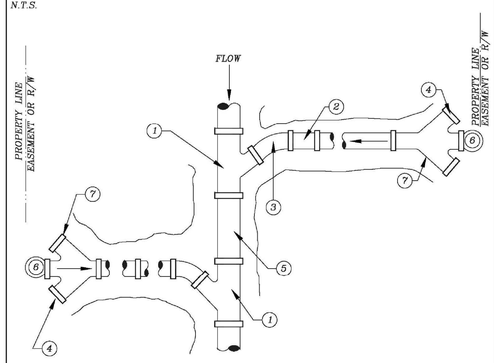
UTILITY DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	21.2

DOS2017-00103 Lee County ePlan

STANDARD DETAIL NO. 6.38
LEE COUNTY UTILITIES
STANDARD SEWER SERVICE LATERALS

N.T.S.



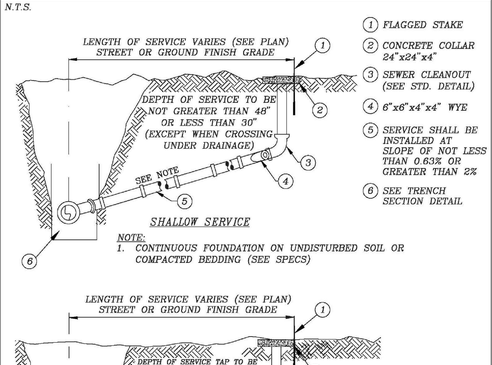
NOTE: 1. SEE SPECS FOR DETAILS OF PIPE AND FITTINGS.

1. STANDARD WYE
2. PVC SEWER SERVICE LINE
3. SHORT RADIUS 45° BEND WITH WYE FITTINGS
4. PLUG ENDS WITH HEAVY WALL PVC CAPS (TYP.)
5. 5' MIN. PIPE BETWEEN FITTINGS
6. 6" CLEANOUT
7. 6"x6"x4"x4" WYE

REV: 12/10/2015

STANDARD DETAIL NO. 6.39
LEE COUNTY UTILITIES
STANDARD SEWER SERVICE LATERAL

N.T.S.



SHALLOW SERVICE

NOTE:
1. CONTINUOUS FOUNDATION ON UNDISTURBED SOIL OR COMPACTED BEDDING (SEE SPECS)

1. FLAGGED STAKE
2. CONCRETE COLLAR 24"x24"x4"
3. SEWER CLEANOUT (SEE STD. DETAIL)
4. 6"x6"x4"x4" WYE
5. SERVICE SHALL BE INSTALLED AT SLOPE OF NOT LESS THAN 0.63% OR GREATER THAN 2%
6. SEE TRENCH SECTION DETAIL

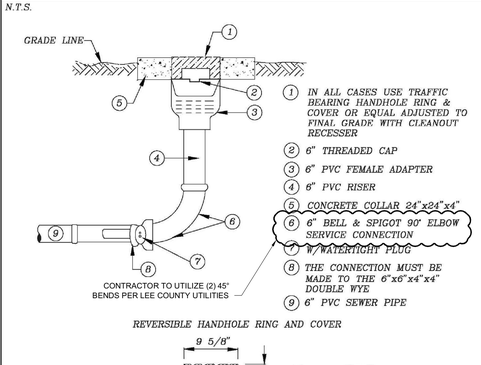
DEEP SERVICE CONNECTION
SHALL BE CONSTRUCTED WITH 45 DEGREE ANGLE AT MAIN

NOTE:
1. CONTINUOUS FOUNDATION ON UNDISTURBED SOIL OR COMPACTED BEDDING (SEE SPECS)

REV: 12/10/2015

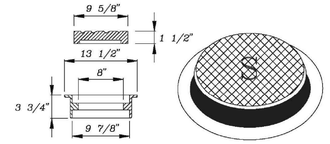
STANDARD DETAIL NO. 6.40
LEE COUNTY UTILITIES
6" SEWER CLEAN-OUT DETAIL

N.T.S.



1. IN ALL CASES USE TRAFFIC BEARING HANDHOLE RING & COVER OR EQUAL ADJUSTED TO FINAL GRADE WITH CLEANOUT RECESSED
2. 6" THREADED CAP
3. 6" PVC FEMALE ADAPTER
4. 6" PVC RISER
5. CONCRETE COLLAR 24"x24"x4"
6. 6" BELL & SPIGOT 90° ELBOW SERVICE CONNECTION
7. W/ WATERTIGHT PLUG
8. THE CONNECTION MUST BE MADE TO THE 6"x6"x4"x4" DOUBLE WYE
9. 6" PVC SEWER PIPE

REVERSIBLE HANDHOLE RING AND COVER



COVERS ARE MARKED WITH "S"

COVER TYPE	LOAD RATING	COVER WEIGHT	TOTAL WEIGHT
FE	HEAVY DUTY	20	45

REV: 12/10/2015

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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ENGINEER OF RECORD

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PLOT DATE	THU. 9-6-2018 - 12:08 PM
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CROSS REFERENCED DRAWINGS

PLAN REVISIONS

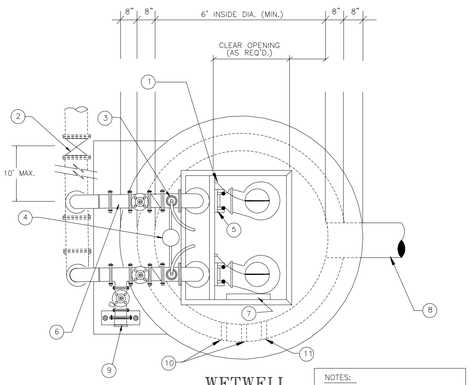
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

UTILITY
DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	21.3

DOS2017-00103 Lee County ePlan

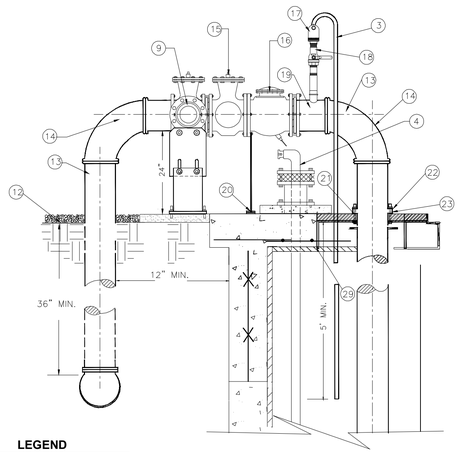


WETWELL PLAN
N.T.S.

NOTES:

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

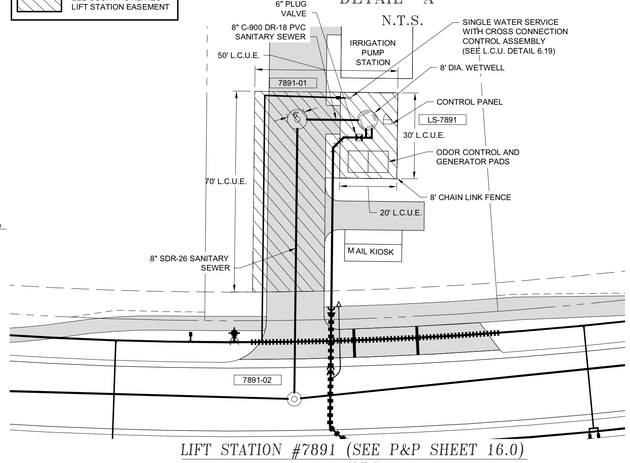
CONDUIT FOR PUMP POWER CABLES & FLOAT SWITH CABLES, PLACEMENT IS TO BE DETERMINED BY LOCATION OF CONTROL PANEL.



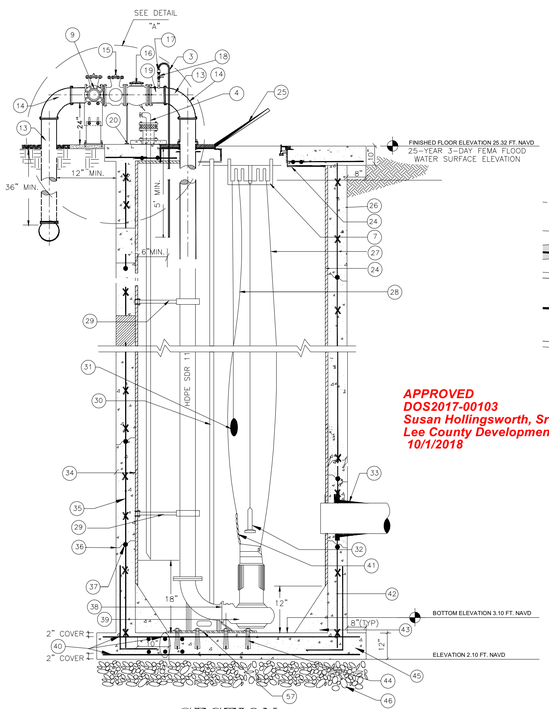
DETAIL "A"
N.T.S.

LEGEND

LEE COUNTY UTILITIES LIFT STATION EASEMENT

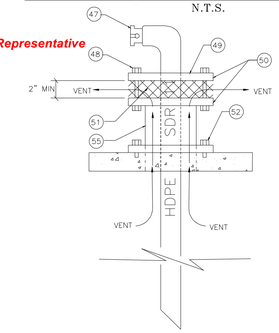


LIFT STATION #7891 (SEE P&P SHEET 16.0)
N.T.S.

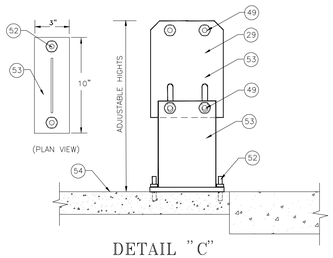


SECTION
N.T.S.

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018



DETAIL "B"
N.T.S.



DETAIL "C"
N.T.S.

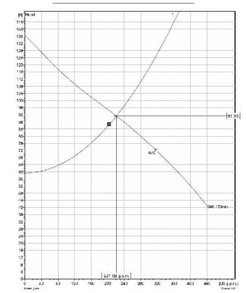
GENERAL NOTES AND REQUIREMENTS

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.)
34. WALL THICKNESS 8" MIN.
35. STEEL REINFORCEMENT
36. RAM-NEK BLANKET OUTER SIDE OF WET WELL
37. RAM-NEK OR EQUAL PREFORMED PLASTIC GASKET MATERIALBETWEEN PRECAST UNITS (TYP.)
38. AUTOMATIC DISCHARGE CONNECTION TO SUIT PUMP
39. SUBMERSIBLE PUMPS
40. #5 AT 8" CENTER
41. SERIES 316 STAINLESS STEEL 3/8" CHAIN (1'-6" LONG)
42. #4 AT 8" CENTER
43. CONC.OR PORTLAND TYPE II & SAND MIX
44. 3/4" DIA. x 8" STAINLESS STEEL WEDGE BOLT SCREW ANCHORS, 8 EA. REFER TO LCU STANDARD DETAIL
45. BASE SECTION TO BE A MONOLITIC CASTING
46. 12" MIN. COMPACTED #57 STONE
47. CAM LOCK COUPLING ON EMERGENCY PUMP OUT
48. STAINLESS STEEL BOLTS
49. BLIND FLANGE
50. STAINLESS STEEL CLAMP
51. STAINLESS STEEL SCREEN CLOTH
52. STAINLESS STEEL CONCRETE BOLTS
53. 3/8" STAINLESS STEEL
54. 4" THICK 3,000 P.S.I. CONCRETE SLAB
55. AIR VENT TO BE 2 PIPE SIZES LARGER THAN EMERGENCY PUMP OUT. THE ACTUAL LOCATION IS TO BE DETERMINED IN THE FIELD.
56. LCU PREFERS THE LIFT STATION FENCE TO HAVE DARK GREEN VINYL COATING. HOWEVER, BLACK VINYL IS ACCEPTABLE.
57. PUMP DISCHARGE BASE PLATE, REFER TO LCU STANDARD DETAIL

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)

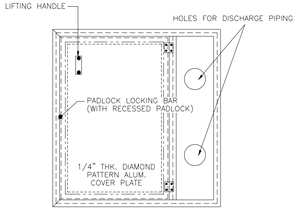
BASIS OF DESIGN			
	ADF (gpm)	PHF (gpm)	EDU (1 EDU=250 gpd)
EXISTING	-	-	-
INTERIM	-	-	-
FUTURE	47.4	142.2	69

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.

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

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

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

DRAWN	DATE	REMARKS	BY/MNR:

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

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LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:08 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

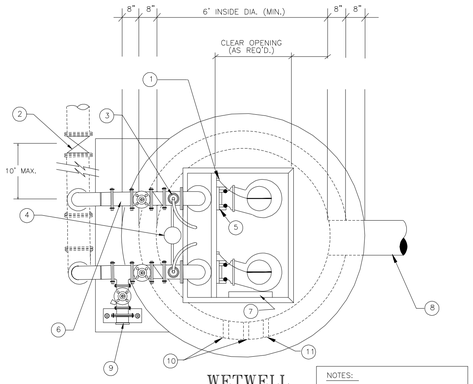
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

LIFT STATION DETAILS 7891

PROJECT / FILE NO.	SHEET NUMBER
23675	22.0

DOS2017-00103 Lee County ePlan

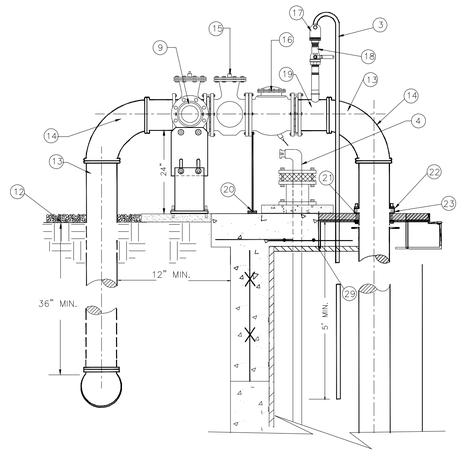


WETWELL
PLAN
N.T.S.

NOTES:

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

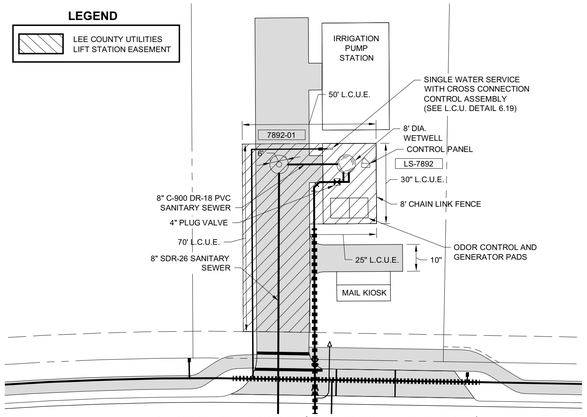
CONDUIT FOR PUMP POWER CABLES & FLOAT SWITH CABLES, PLACEMENT IS TO BE DETERMINED BY LOCATION OF CONTROL PANEL.



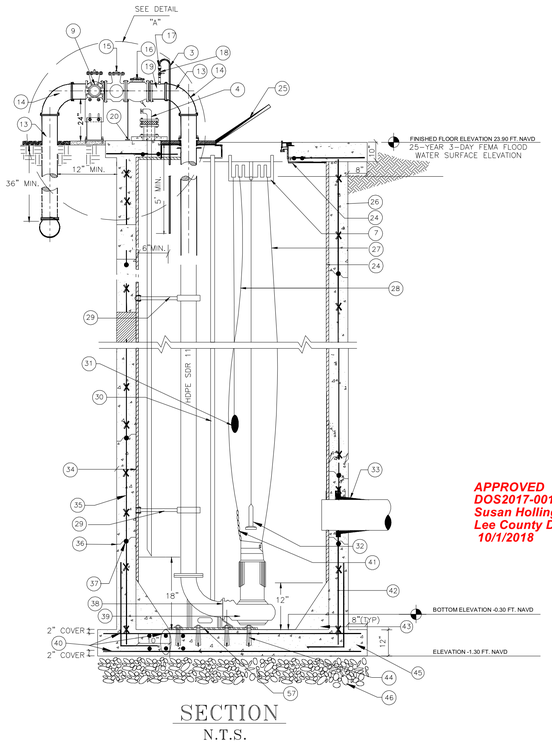
DETAIL "A"
N.T.S.

LEGEND

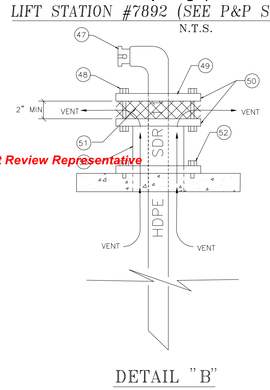
LEE COUNTY UTILITIES LIFT STATION EASEMENT



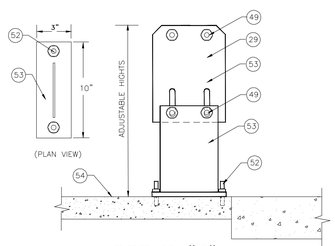
LIFT STATION #7892 (SEE P&P SHEET 16.1)
N.T.S.



SECTION
N.T.S.



DETAIL "B"
N.T.S.



DETAIL "C"
N.T.S.

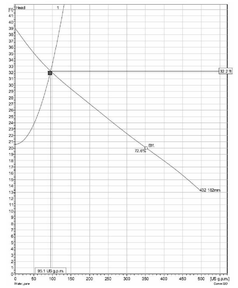
GENERAL NOTES AND REQUIREMENTS

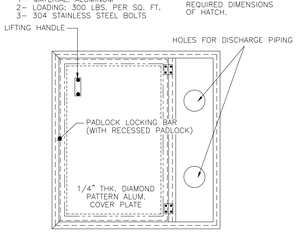
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21. NEOPRENE GASKET
22. STAINLESS STEEL FLANGE RING
23. HDPE RIM (FUSED TO HDPE PIPE)
24. LINER OR COATING (SEE LCU APPROVED MATERIAL LIST)
25. ALUMINUM HATCH (SEE DETAIL D)
26. COAL TAR EPOXY (BELOW FINISHED GRADE)
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28. SERIES 316 STAINLESS STEEL 1/4" CABLE
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32. SUBMERSIBLE LEVEL TRANSMITTER
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34. WALL THICKNESS 8" MIN.
35. STEEL REINFORCEMENT
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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	460	460		(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





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

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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\CAD FILES
SCALE: NTS
DATE: 12/10/2015
DRAWN:
DRAWN: DATE: REMARKS:

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

LEE COUNTY
SOUTHWEST FLORIDA

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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PLOT DATE	THU. 9-6-2018 - 12:09 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

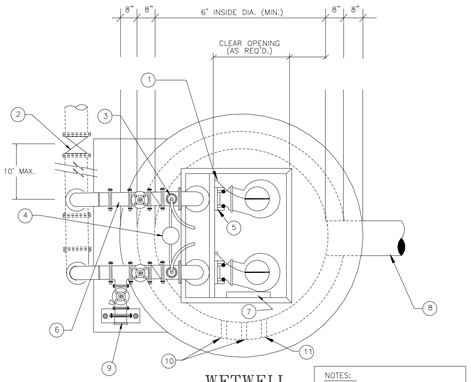
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

LIFT STATION DETAILS 7892

PROJECT / FILE NO.	SHEET NUMBER
23675	22.1

DOS2017-00103 Lee County ePlan

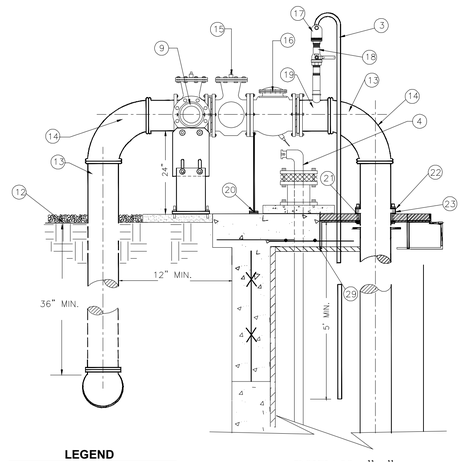


WETWELL PLAN
N.T.S.

NOTES:

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

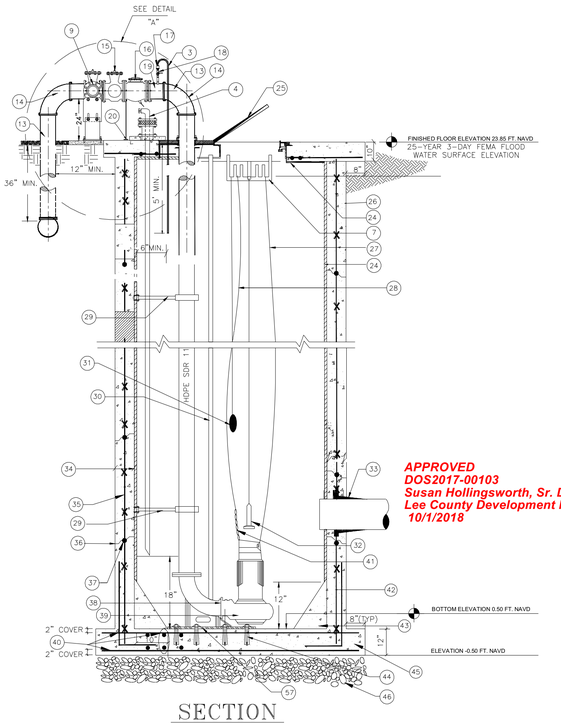
CONDUIT FOR PUMP POWER CABLES & FLOAT SWITH CABLES, PLACEMENT IS TO BE DETERMINED BY LOCATION OF CONTROL PANEL.



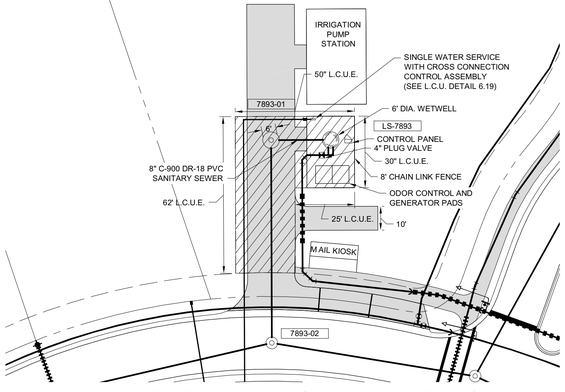
DETAIL "A"
N.T.S.

LEGEND

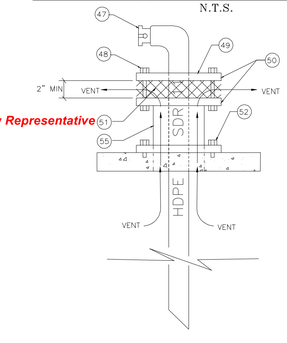
LEE COUNTY UTILITIES LIFT STATION EASEMENT



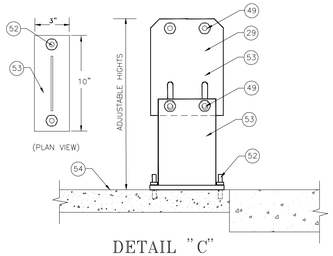
SECTION
N.T.S.



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



DETAIL "B"
N.T.S.



DETAIL "C"
N.T.S.

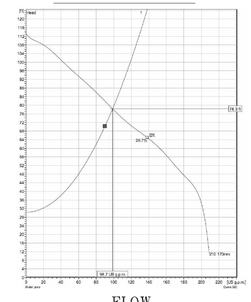
GENERAL NOTES AND REQUIREMENTS

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")
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6. SPOOL PIECE
7. STAINLESS STEEL FLOAT CABLE SUPPORT
8. INFLUENT PIPE INSTALLED RADIALLY FROM WETWELL CENTER
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12. FILTER CLOTH WITH 4" OF COMPACTED #57 STONE
13. HDPE PIPE
14. LONG RADIUS 90° BEND
15. PLUG VALVE (PAINT BLACK)
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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)

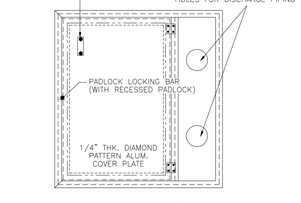
BASIS OF DESIGN			
	ADF (gpm)	PHF (gpm)	EDU (1 EDU=250 gpd)
EXISTING	-	-	-
INTERIM	-	-	-
FUTURE	15.3	53.5	88

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.

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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

SHEET:
1 OF 2

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PREPARED FOR

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LENNAR HOMES
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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. 9-6-2018 - 12:09 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

		DRAWN	DATE	REMARKS

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SCALE: N'S
DATE: 12/10/2015

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Ph. (239) 533-8181 Fax. (239) 485-8395

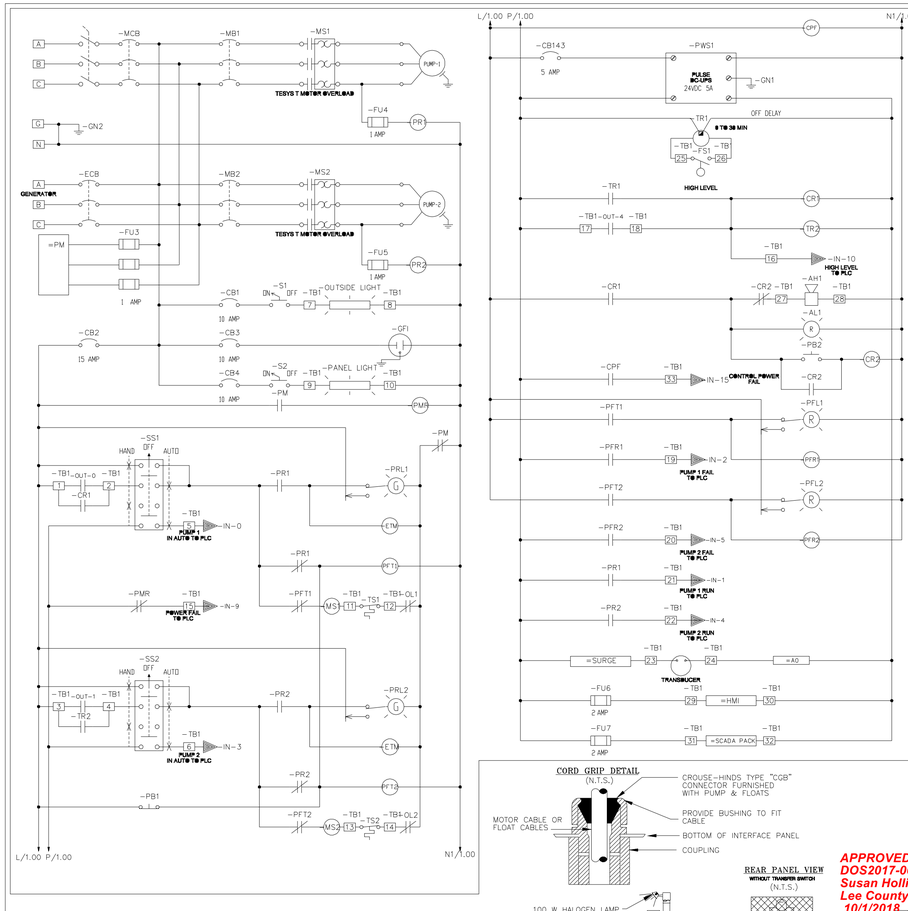
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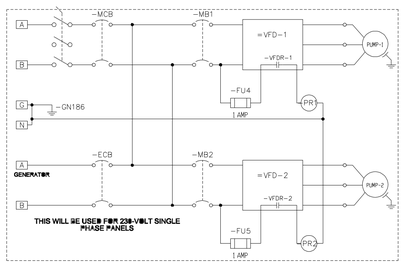
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LIFT STATION
DETAILS
7893

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

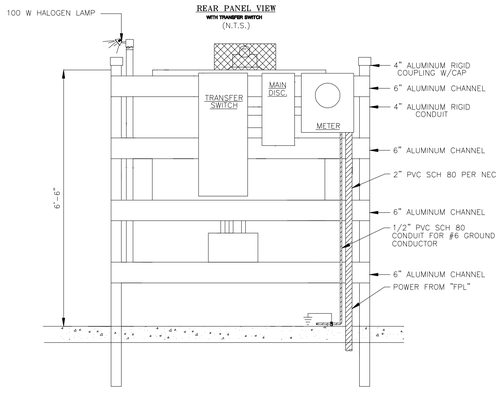
GENERAL NOTES AND REQUIREMENTS

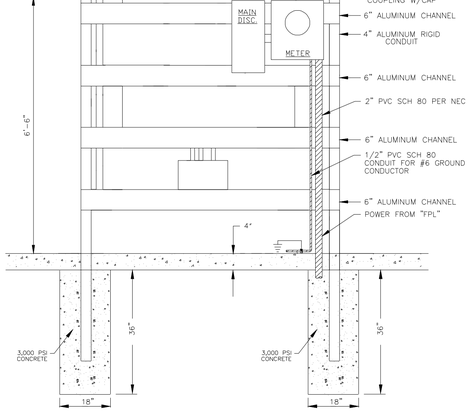
1. THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH THE STANDARD BUILDING CODES AND LOCAL CODES AS MAY BE APPLICABLE. SIX SHOP DRAWINGS OF ALL MAJOR EQUIPMENT SHALL BE REQUIRED PRIOR TO ORDERING EQUIPMENT.
2. WORK SHALL INCLUDE ALL LABOR, MATERIALS, PERMITS AND COSTS FOR INSTALLATION OF A COMPLETE ELECTRICAL 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.

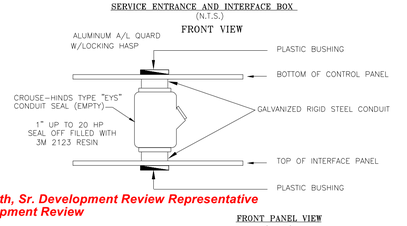
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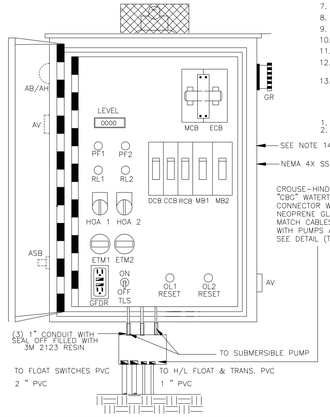
1. RTU SHALL BE SCADA PACK 334E
2. MODEM OR ANY OTHER COMMUNICATIONS WILL BE SUPPIED BY LCU
3. VARIABLE DRIVES TO BE USED ON ALL SINGLE PHASE POWER
4. VARIABLE DRIVES SHALL BE SQUARE D ALTIVAR 61
5. POWER SUPPLY SHALL HAVE BATTERY BACKUP
6. ALL SWITCHES SHALL BE SQUARE D 30 MM
7. ALL STARTERS SHALL BE 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.

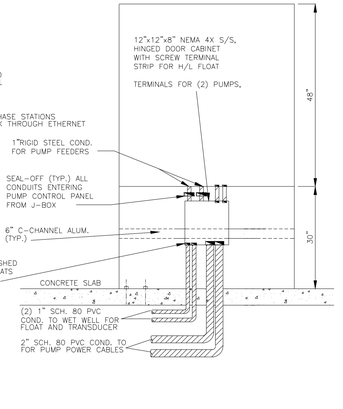
THE FOLLOWING ARE OPTIONS:
1. TESYS T MOTOR MANAGEMENT FOR 3 PHASE STATIONS
2. DRIVES CONNECTED TO THE SCADA PACK THROUGH ETHERNET











APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

FILE: S:\ENGINEERING\ACAD\...\CCU-CAD-STDS\LCU STD DETAILS\CAD FILES
SCALE: NTS
DATE: 12/10/2015
DRAWN:
CHK'D:
DATE
REMARKS

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

LEE COUNTY SOUTHWEST FLORIDA

STANDARD DETAIL NO. 6.43
ELECTRICAL DIAGRAM AND NOTES

SHEET: 2 OF 2

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PREPARED FOR

LENNAR®

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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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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

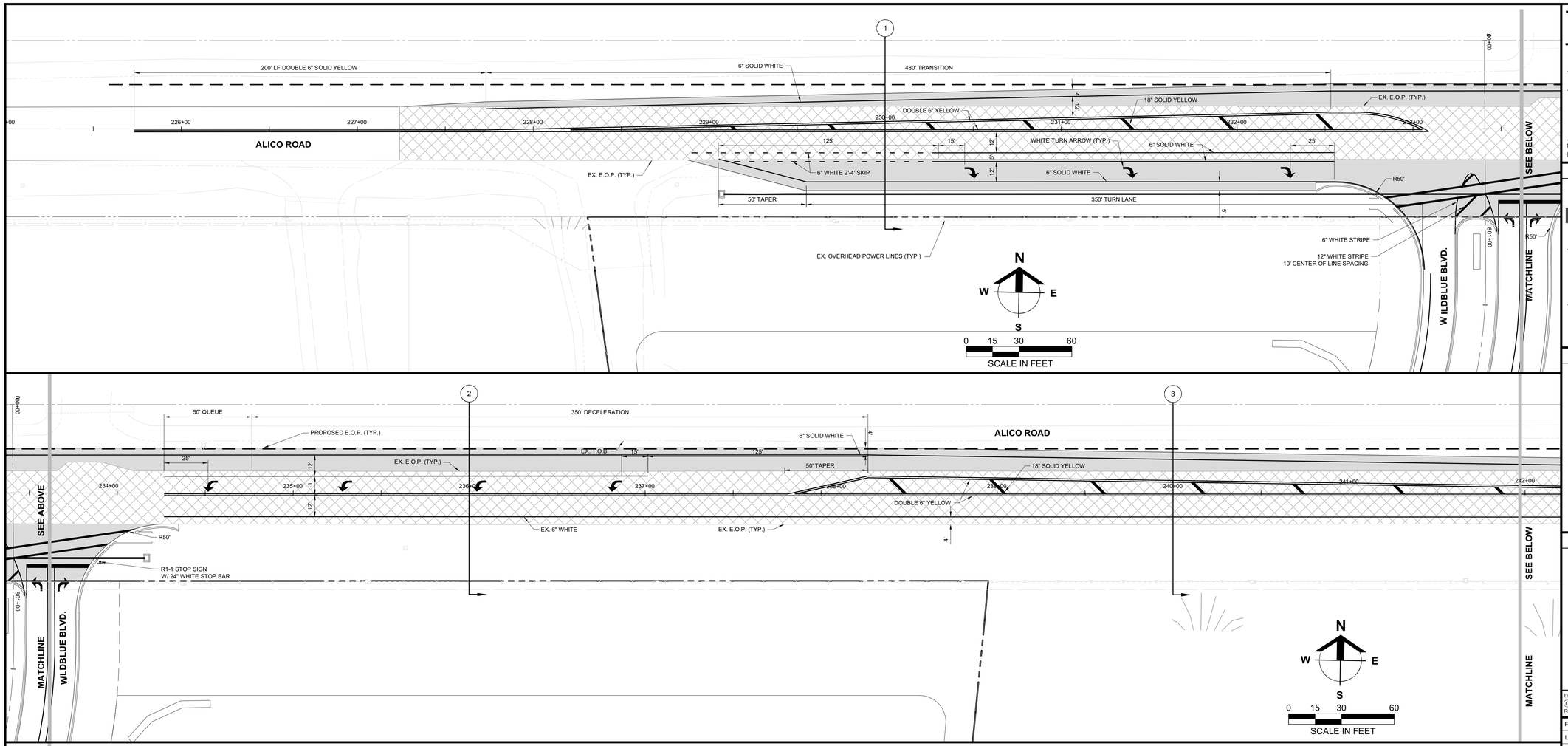
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LIFT STATION DETAILS

PROJECT / FILE NO.	SHEET NUMBER
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Susan Hollingsworth, Sr. Development Review Representative
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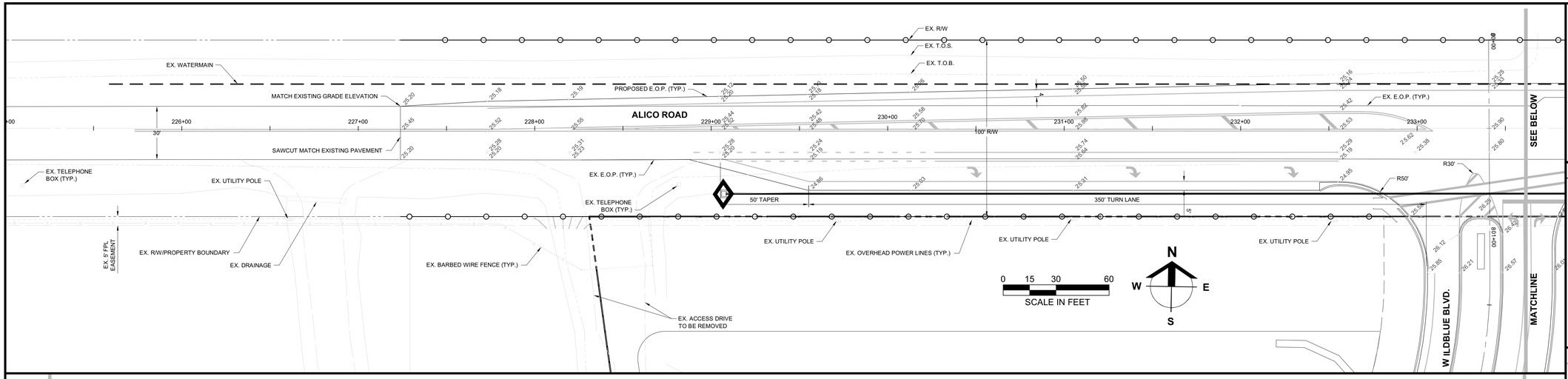
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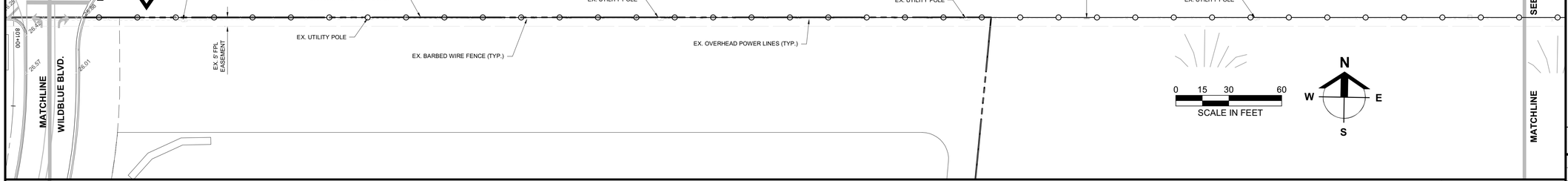
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OFFSITE TURN LANES
ALICO ROAD
PAVING AND STRIPING

PROJECT / FILE NO.	SHEET NUMBER
23675	23.0

DOS2017-00103 Lee County ePlan





LEGEND

- PROPOSED INLET PROTECTION
- SINGLE ROW SILT FENCE
- DOUBLE ROW SILT FENCE

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Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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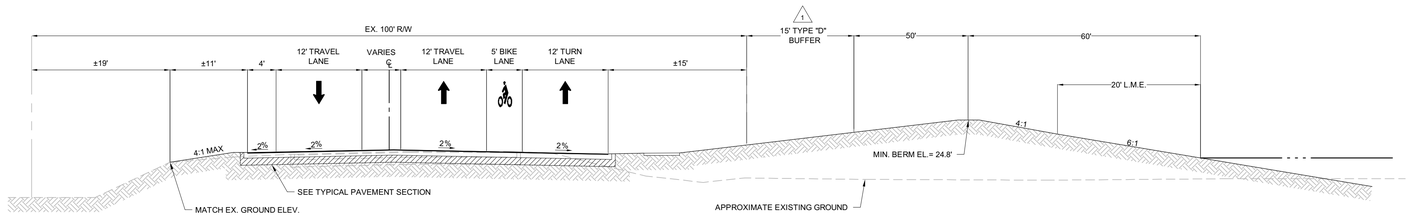
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NOT FOR CONSTRUCTION

OFFSITE TURN LANES
ALICO ROAD
GRADING & DRAINAGE

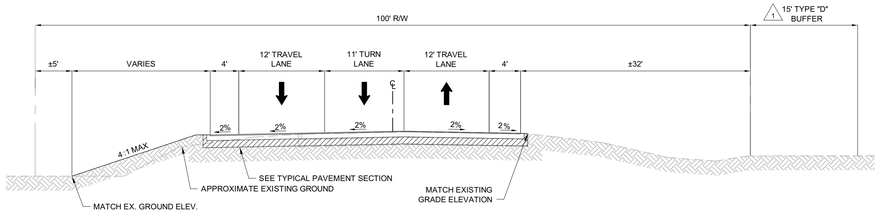
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23675	23.1

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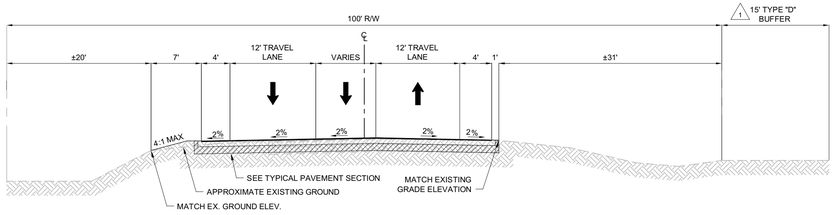
1 PROPOSED WIDENING W/ RIGHT TURN LANE AT STA. 230+00

N.T.S.



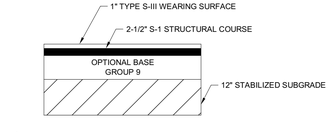
2 PROPOSED WIDENING W/ LEFT TURN LANE AT STA. 236+00

N.T.S.



3 PROPOSED WIDENING W/ TAPER AT STA. 240+00

N.T.S.



1 PAVEMENT SECTION

N.T.S.

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DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

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PREPARED FOR

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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	23675A90.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:35 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

3-30-18	DO COMMENTS DATED 12-21-17 (1)

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

TURN LANE SECTIONS

PROJECT / FILE NO.	SHEET NUMBER
23675	23.2

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DEWATERING SEQUENCE: BASIN B, D, & F

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

1. LAKES F-1 DEWATERED INTO HYDRAULIC TRENCH WITH PUMP INSTALLED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS TO RETENTION AREA #1 OR ANY LAKE CONSTRUCTED AT THAT TIME.
2. RETENTION AREAS #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 D-1, B-1 AND UTILITY TRENCHES SHALL BE DEWATERED INDEPENDANTLY INTO HYDRAULIC TRENCH WITH PUMP INSTALLED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS INTO ANY LAKE CONSTRUCTED AT THAT TIME.
5. LAKES 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 ASSOCATED PUMPS SHALL BE REMOVED.

DEWATERING SEQUENCE: BASIN A

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

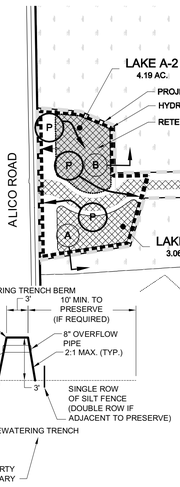
1. LAKE A-1 DEWATERED INTO HYDRAULIC TRENCH WITH PUMP INSTALLED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS TO RETENTION AREA #3.
2. RETENTION AREA #1 SHALL BE EQUIPPED WITH AN EMERGENCY OVERFLOW STRUCTURE PLACED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS BACK ONTO THE CURRENT DEWATERING SITE.
3. 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 A-2 AND UTILITY TRENCHES SHALL BE DEWATERED INDEPENDANTLY INTO HYDRAULIC TRENCH WITH PUMP INSTALLED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS INTO LAKE A-1, OR ANY LAKE CONSTRUCTED AT THAT TIME.
5. LAKE A-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 ASSOCATED PUMPS SHALL BE REMOVED.

DEWATERING SEQUENCE: BASIN E

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

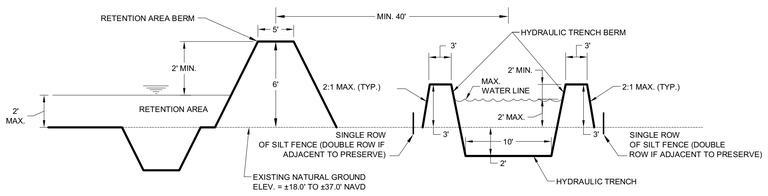
1. LAKE E-1 DEWATERED INTO HYDRAULIC TRENCH WITH PUMP INSTALLED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS TO RETENTION AREA #E.
2. RETENTION AREA #1 SHALL BE EQUIPPED WITH AN EMERGENCY OVERFLOW STRUCTURE PLACED TO CONVEY EXCESS WATER ABOVE RETENTION LIMITS BACK ONTO THE CURRENT DEWATERING SITE.
3. 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. AT COMPLETION OF DEWATERING, ALL HYDRAULIC TRENCHES AND ASSOCATED PUMPS SHALL BE REMOVED.

APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018



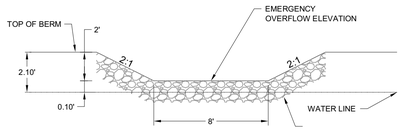
SECTION A — DEWATERING TRENCH

NOT TO SCALE



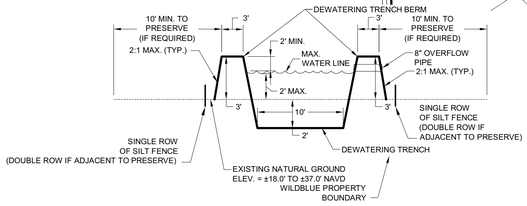
SECTION B — HYDRAULIC TRENCH TO RETENTION AREA SPACING

NOT TO SCALE



SECTION C — BERM NOTCH DETAIL FOR EMERGENCY OVERFLOW

NOT TO SCALE



GENERAL NOTES:

1. WET SEASON WATER TABLE EL. BASIN A = ± 22.5' NAVD.
2. WET SEASON WATER TABLE EL. BASIN B = ± 21.0' NAVD.
3. WET SEASON WATER TABLE EL. BASIN D = ± 20.0' NAVD.
4. WET SEASON WATER TABLE EL. BASIN E = ± 20.0' NAVD.
5. WET SEASON WATER TABLE EL. BASIN F = ± 19.5' NAVD.
6. DRY SEASON WATER TABLE EL. BASIN A = ± 20.5' NAVD.
7. DRY SEASON WATER TABLE EL. BASIN B = ± 19.0' NAVD.
8. DRY SEASON WATER TABLE EL. BASIN D = ± 18.0' NAVD.
9. DRY SEASON WATER TABLE EL. BASIN E = ± 18.0' NAVD.
10. DRY SEASON WATER TABLE EL. BASIN F = ± 17.5' 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.

LEGEND

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

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 ±-1.0' NAVD TO ELEVATION ±22.5' 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.

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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

LENNAR

LENNAR HOMES
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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	23675A93.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:29 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

DEWATERING PLAN

PROJECT / FILE NO.	SHEET NUMBER
23675	24.0

DOS2017-00103 Lee County ePlan

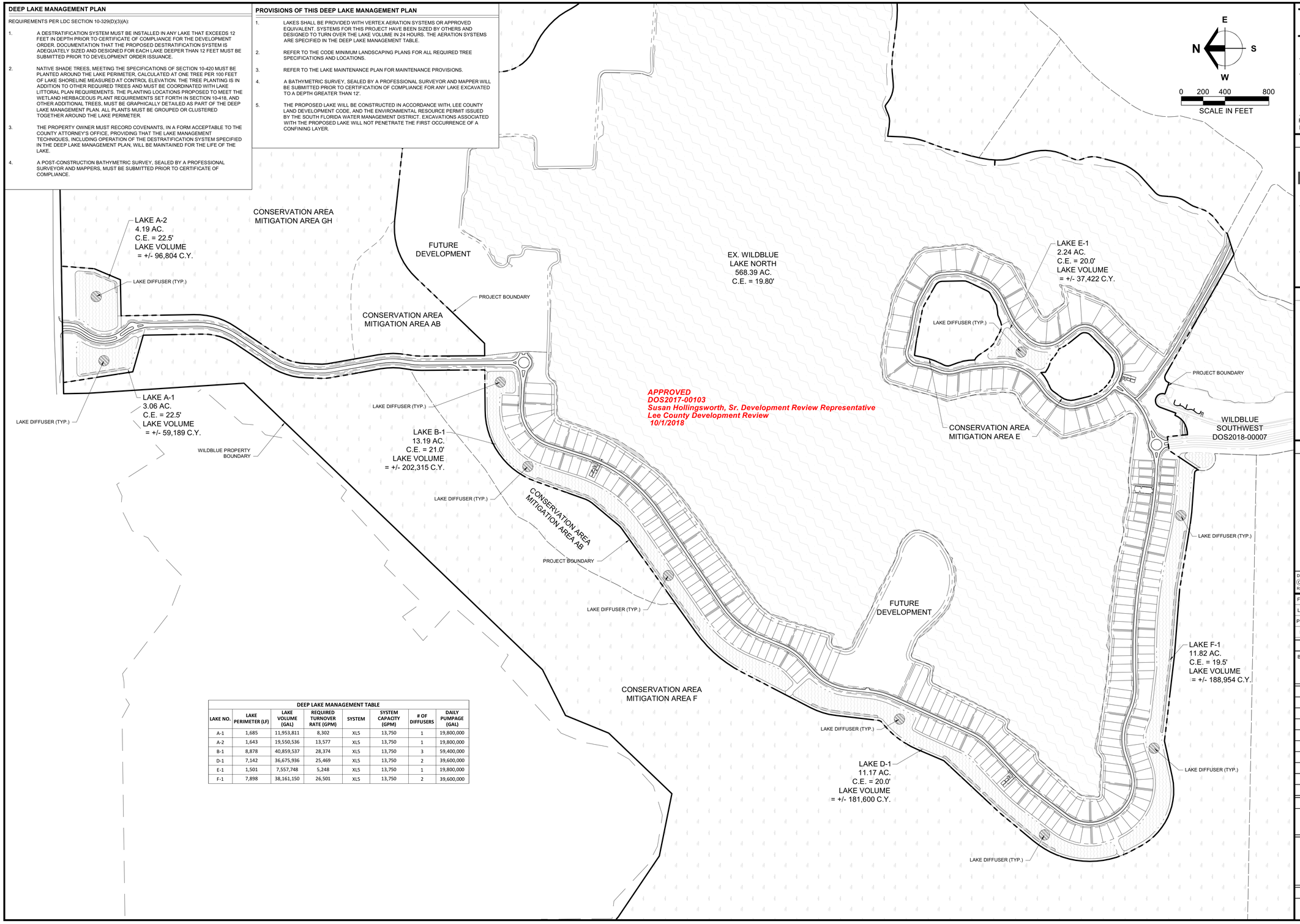
DEEP LAKE MANAGEMENT PLAN

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.



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
F-1	7,898	38,161,150	26,501	XLS	13,750	2	39,600,000

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FAX (239) 931-4749

PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:29 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DEEP LAKE MANAGEMENT PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	25.0

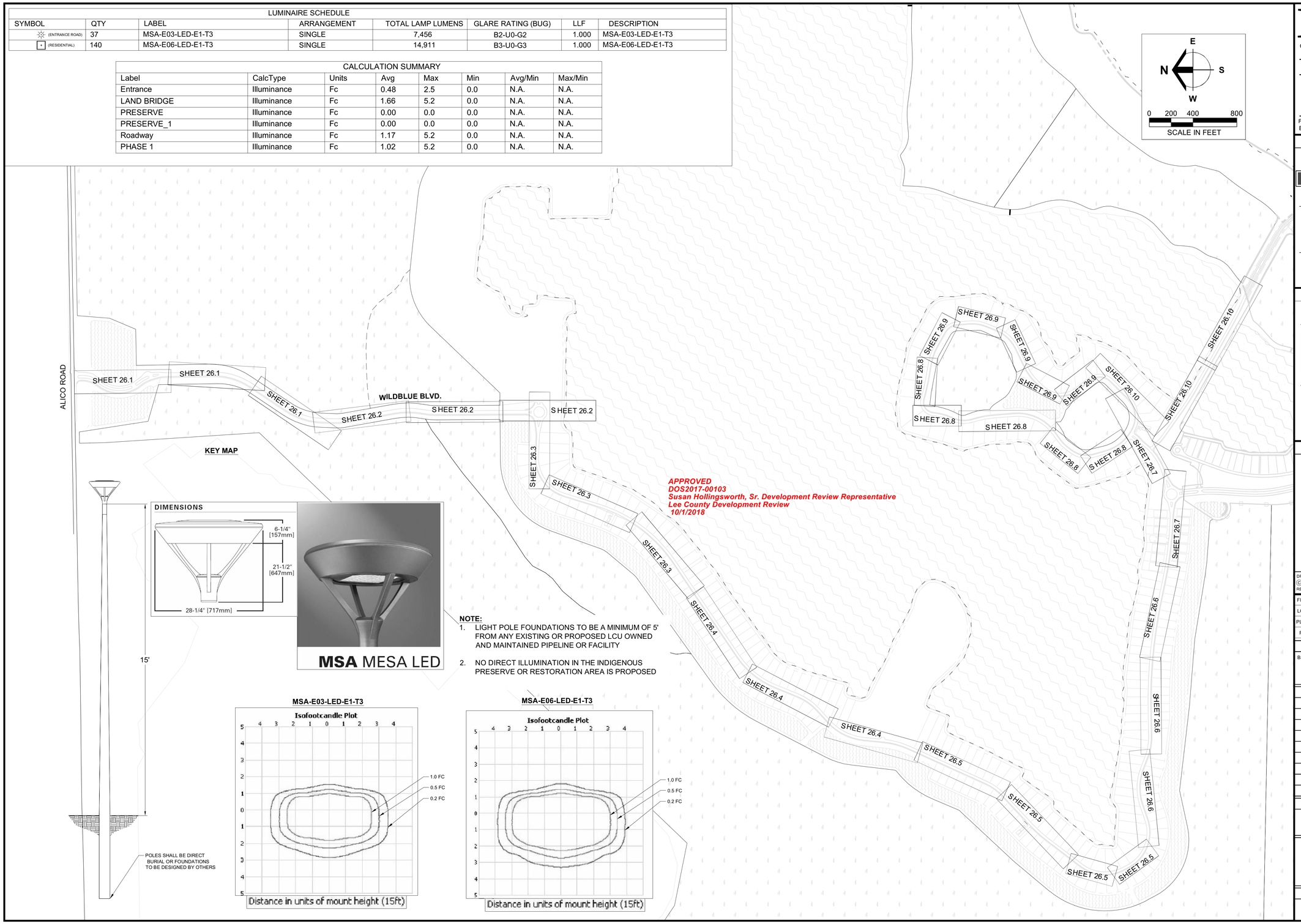
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LUMINAIRE SCHEDULE

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	1.17	5.2	0.0	N.A.	N.A.
PHASE 1	Illuminance	Fc	1.02	5.2	0.0	N.A.	N.A.



APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018

MSA MESA LED

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

MSA-E03-LED-E1-T3

MSA-E06-LED-E1-T3

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

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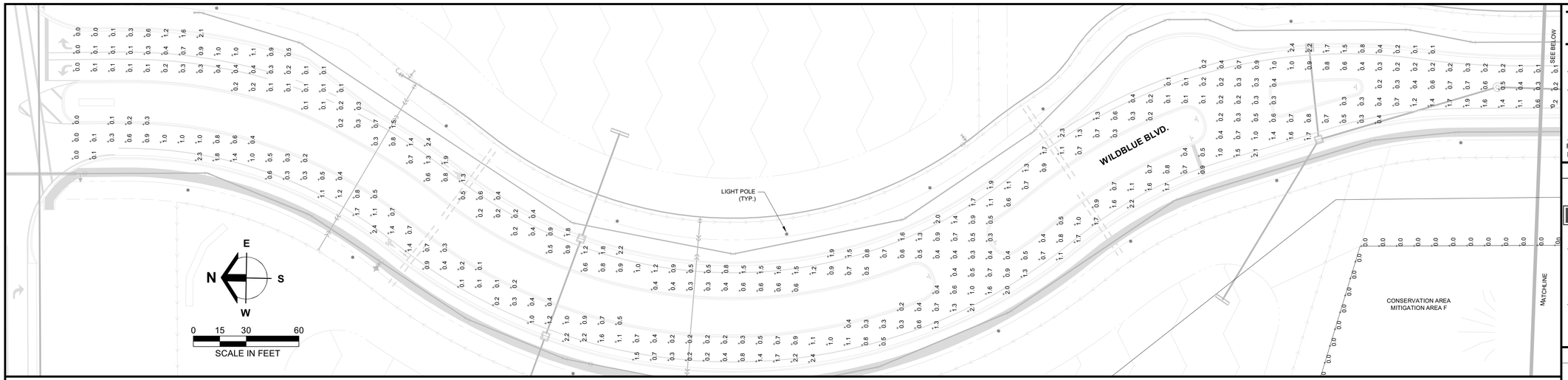
PLAN REVISIONS

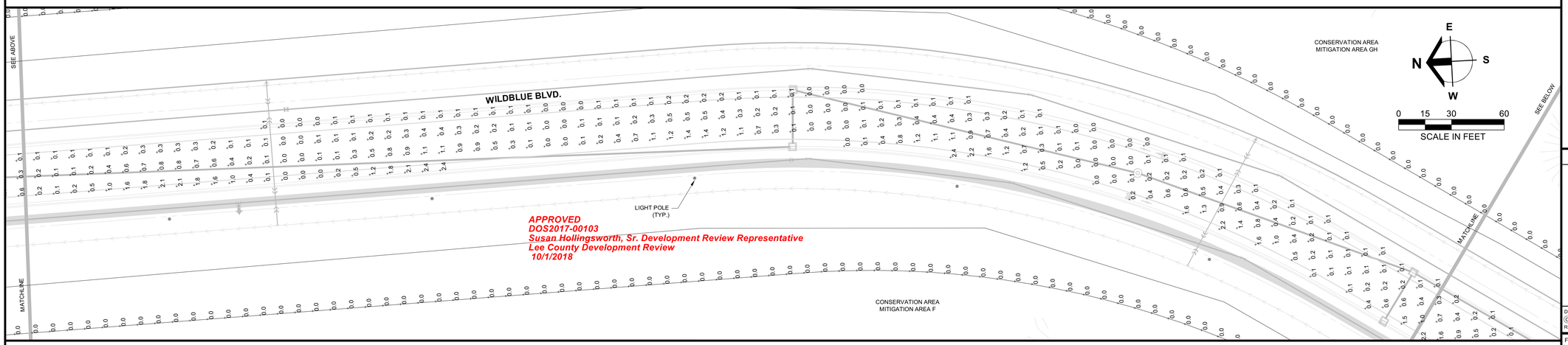
PLAN STATUS

APPROVAL SUBMITTALS PLANS
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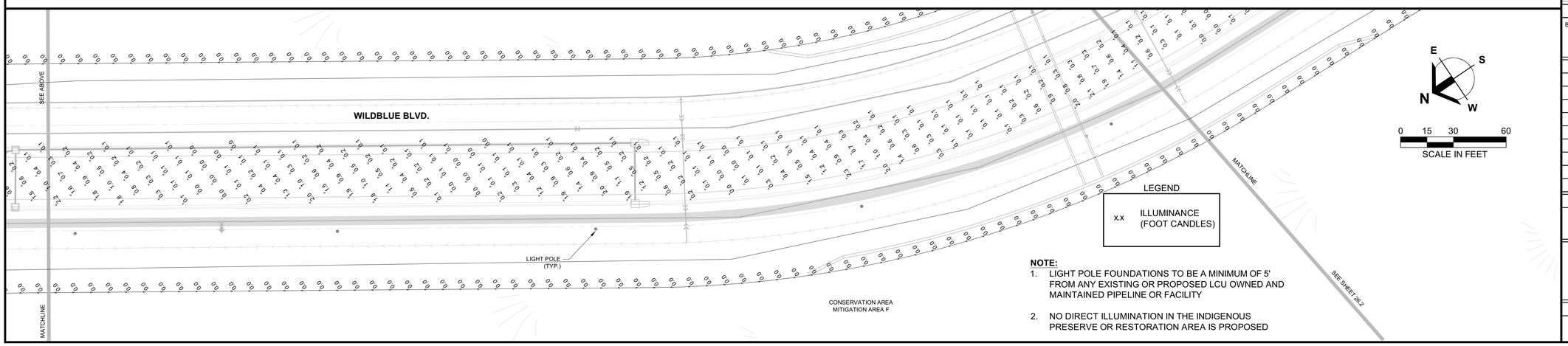
LIGHTING PLAN KEY MAP & DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.0





APPROVED
DOS2017-00103
Susan Hollingsworth, Sr. Development Review Representative
Lee County Development Review
10/1/2018



LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

NOTE:

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

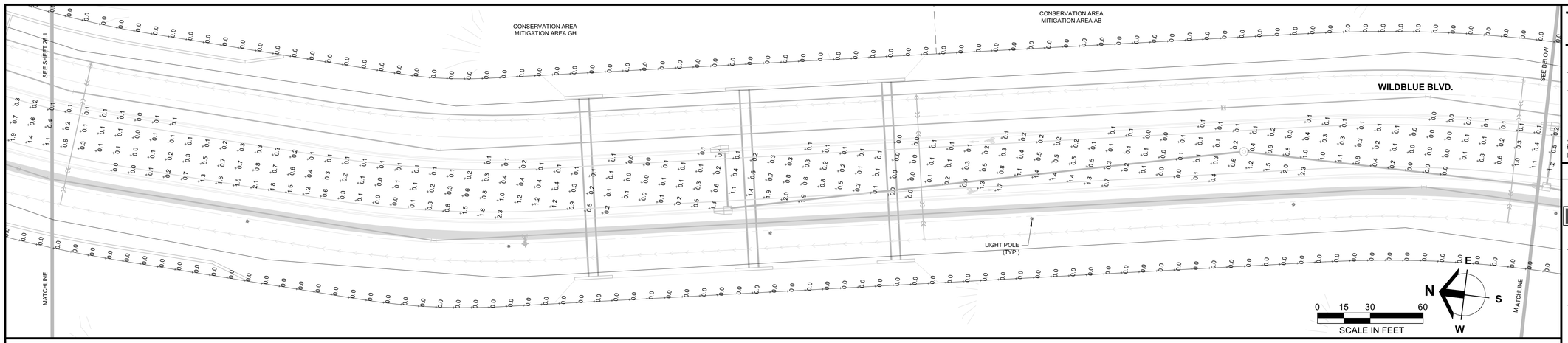
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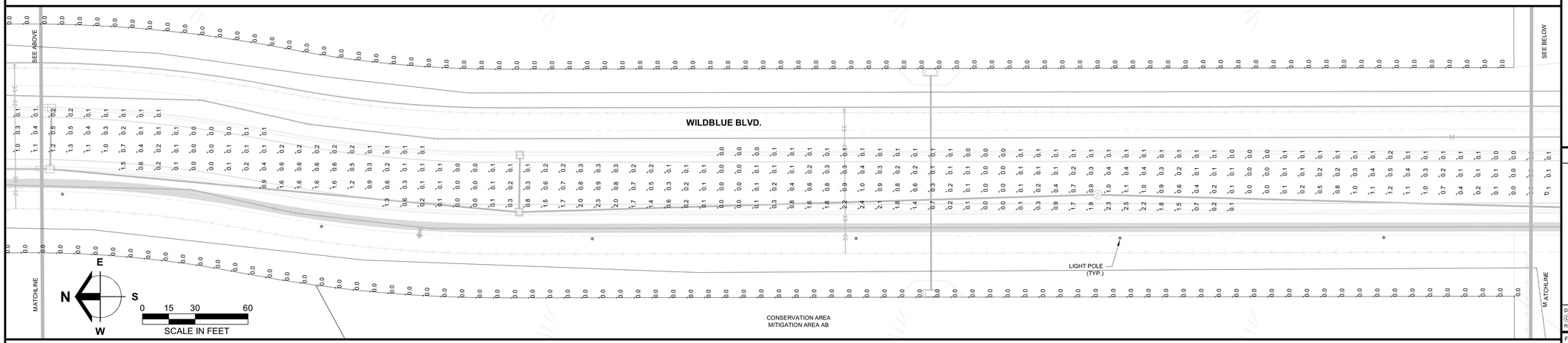
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

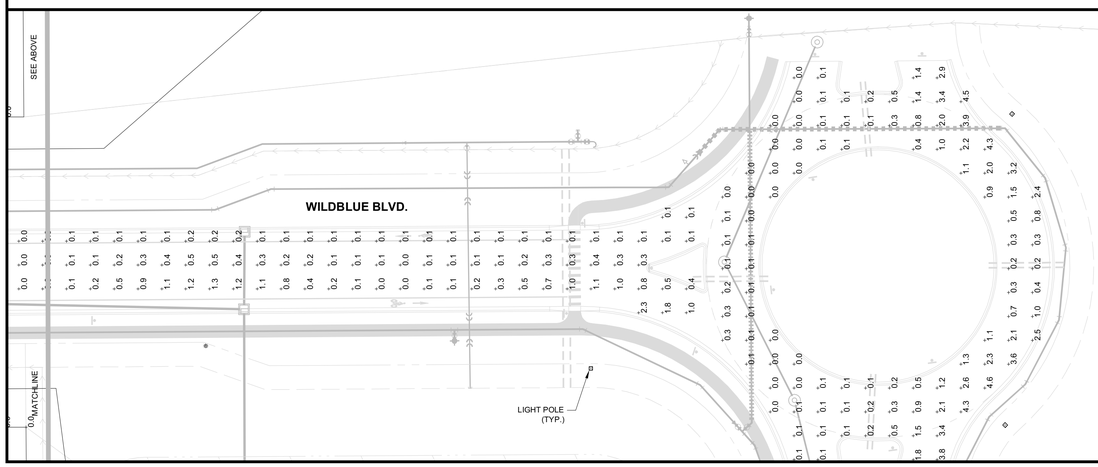
STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.1

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Lee County Development Review
10/1/2018

WILDBLUE LAKE
NORTH

E
N
S
W
0 15 30 60
SCALE IN FEET

LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

NOTE:

1. 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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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	23675A96.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:30 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

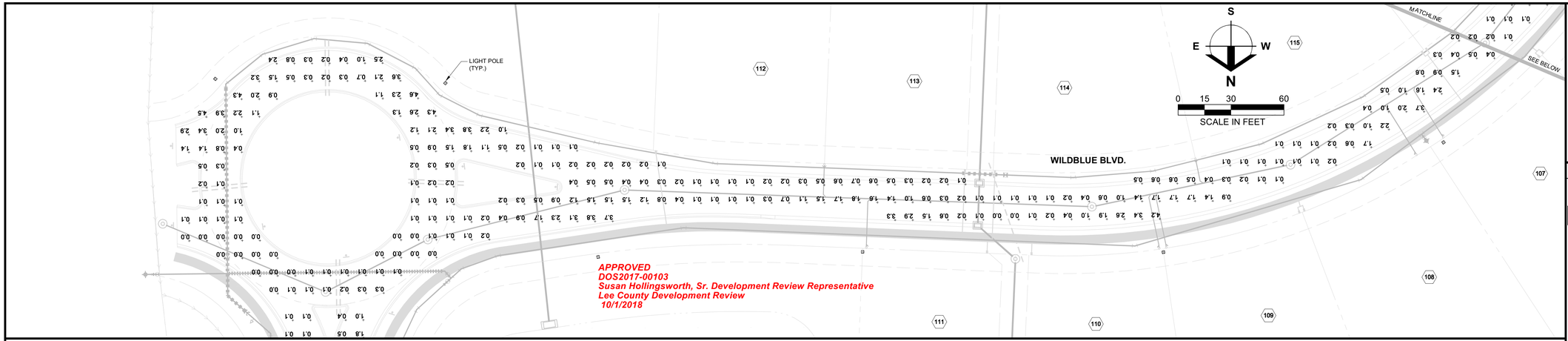
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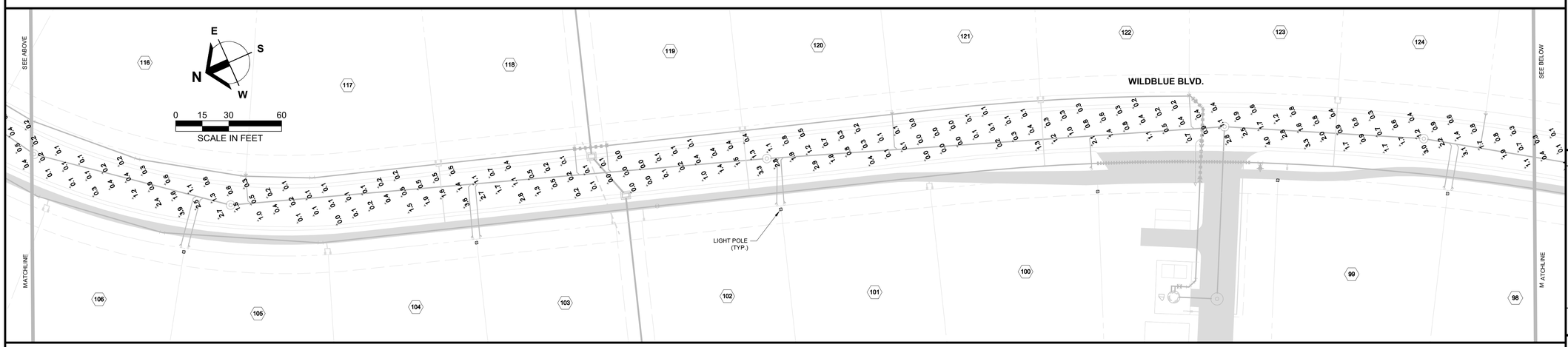
APPROVAL SUBMITTALS PLANS
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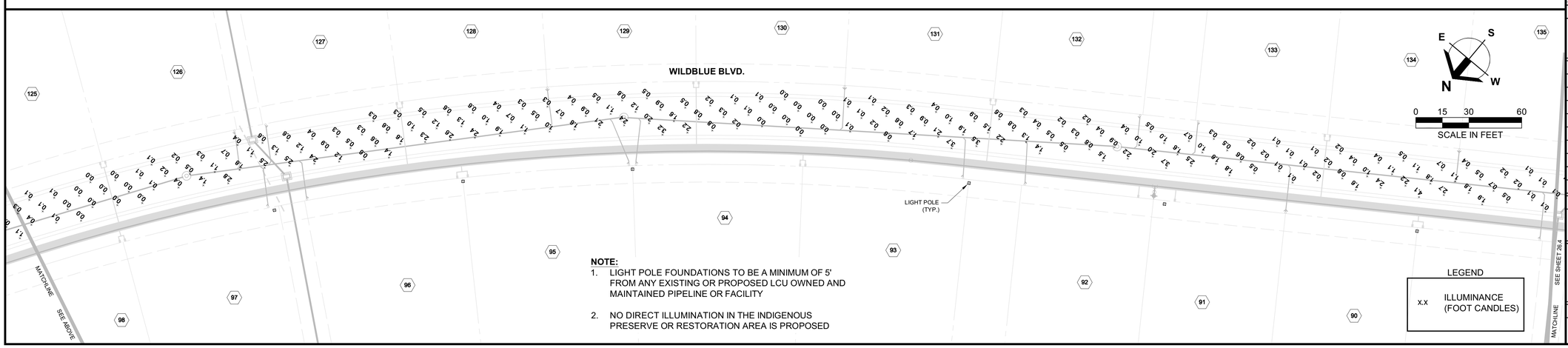
STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.2

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LEGEND

x.x ILLUMINANCE (FOOT CANDLES)

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PROJECT DESCRIPTION

WildBlue

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

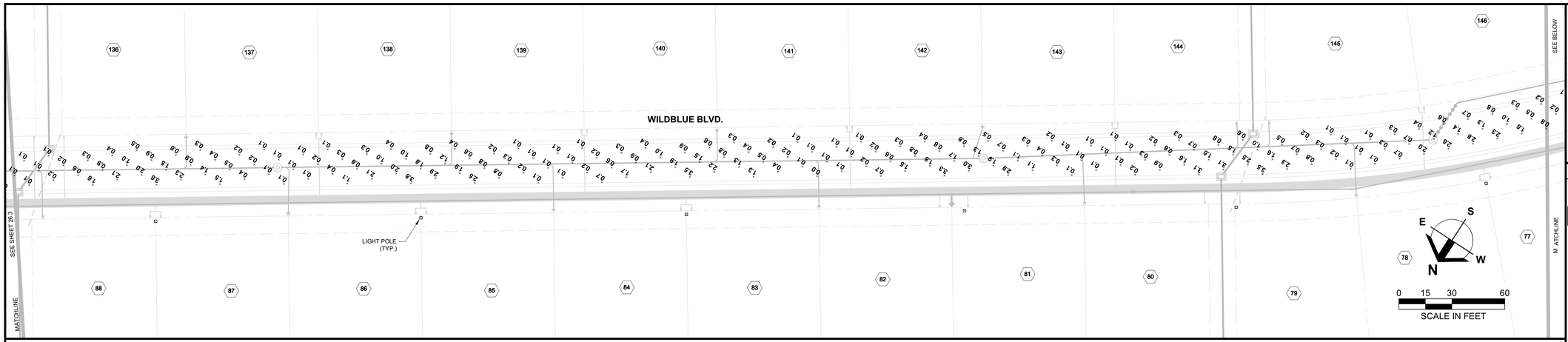
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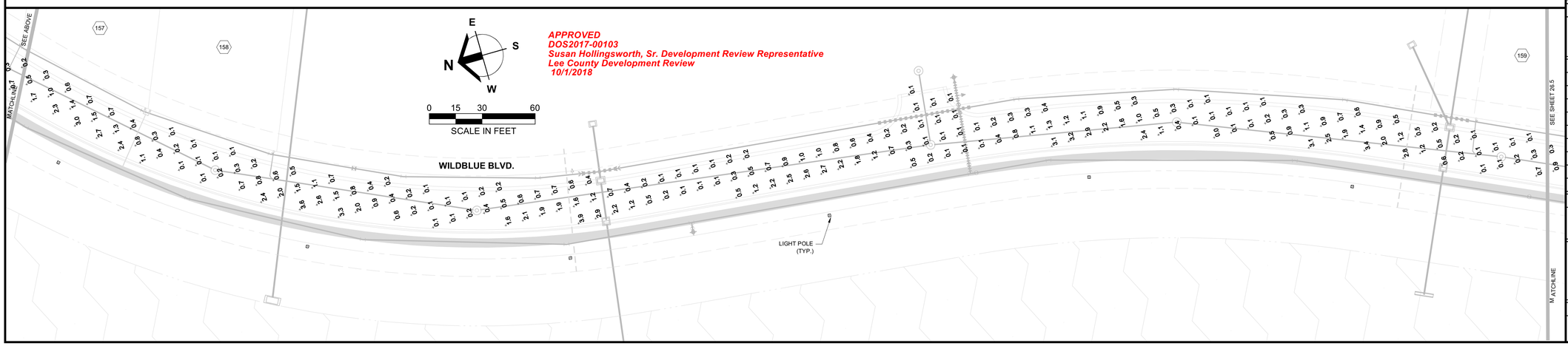
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STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.3

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LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

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PLAN REVISIONS

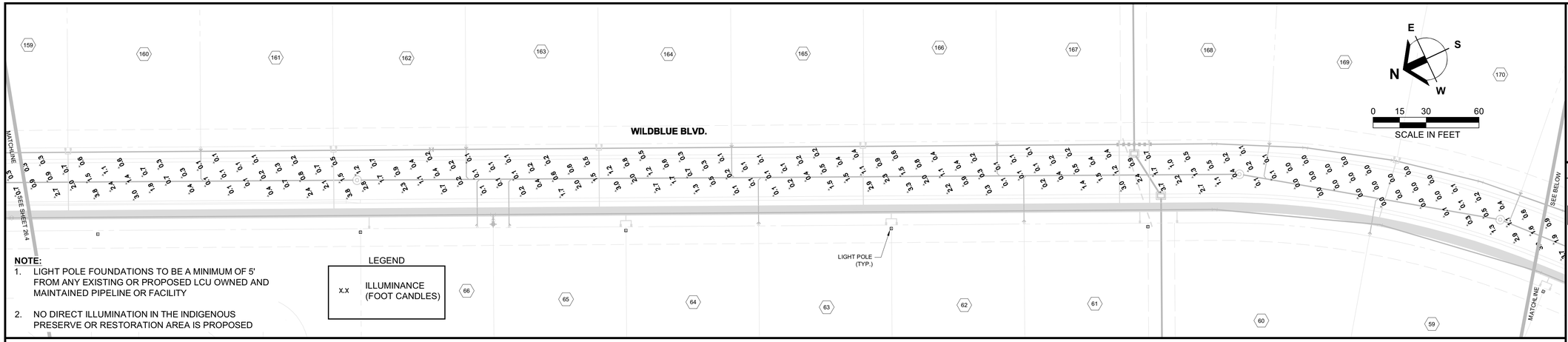
PLAN STATUS

APPROVAL SUBMITTALS PLANS
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STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.4

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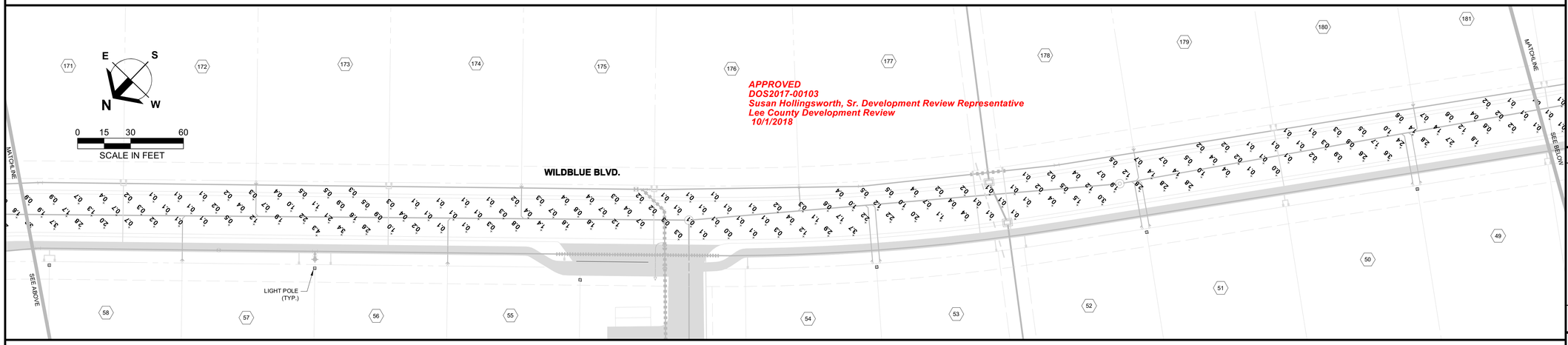


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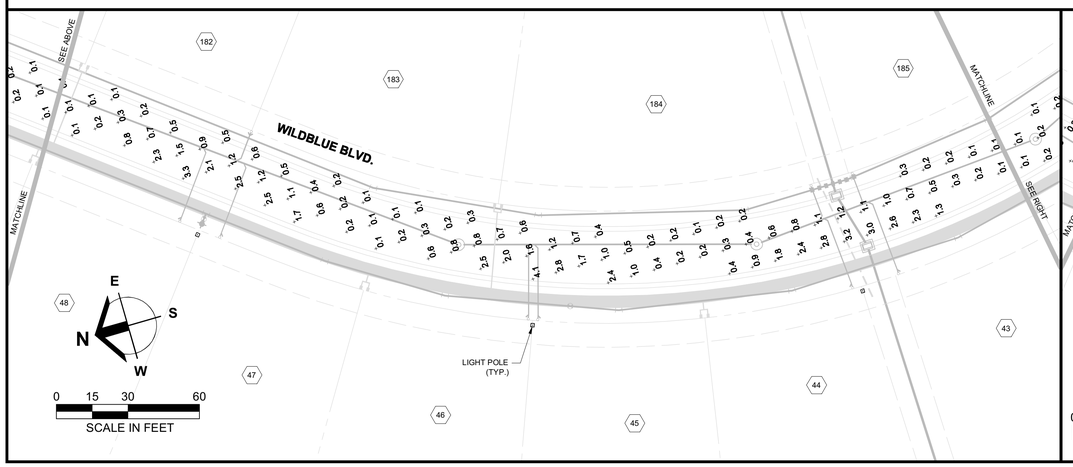
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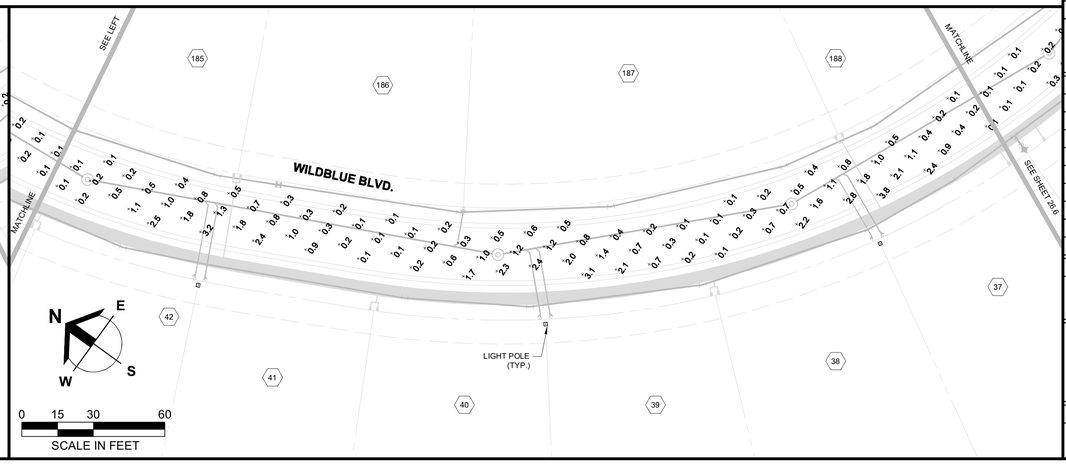
LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)



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BASEPLAN = 23675A00.DWG

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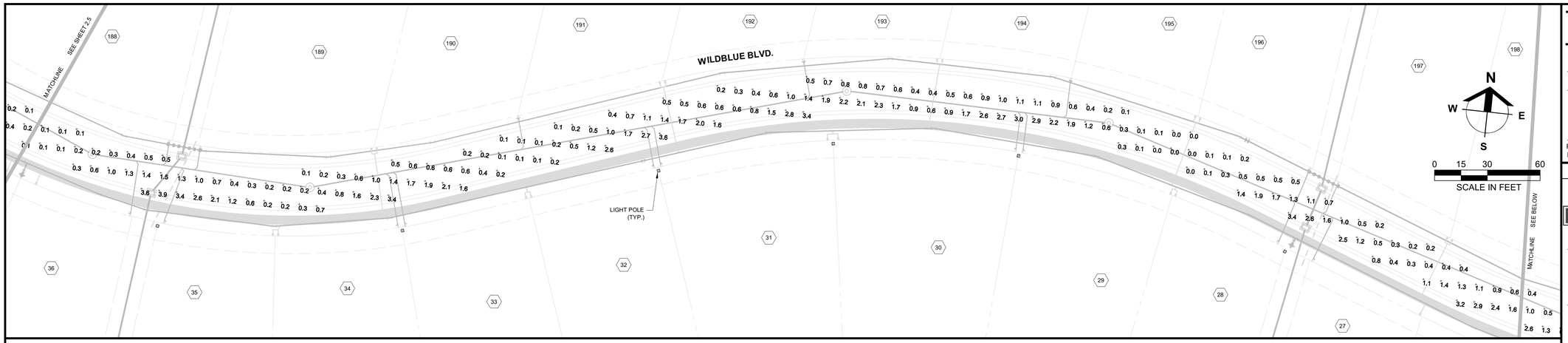
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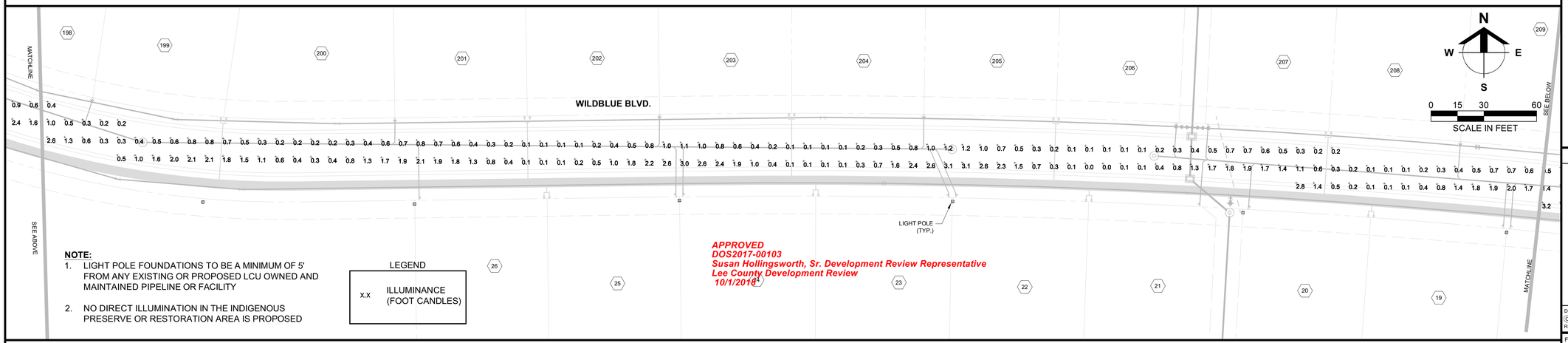
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STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.5

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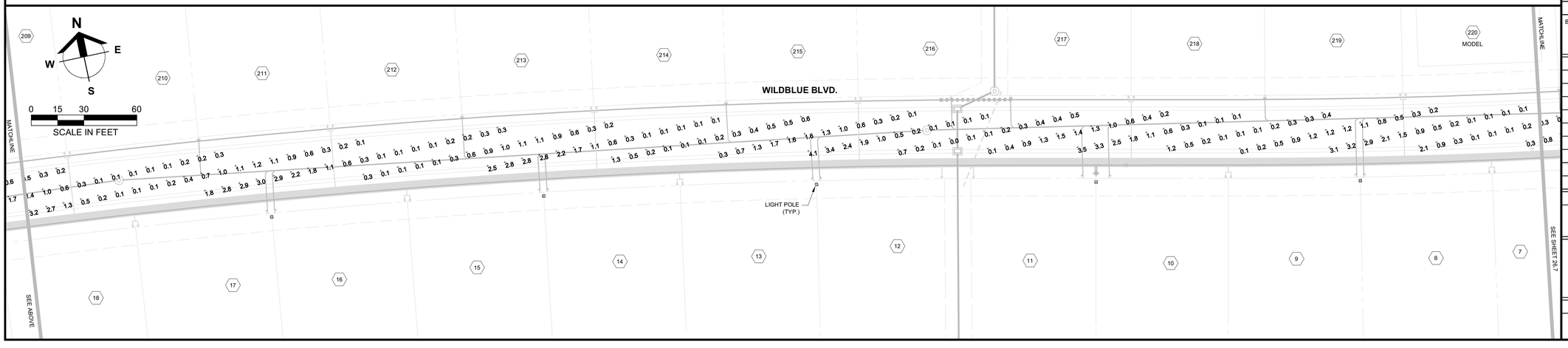
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LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

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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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BASEPLAN = 23675A00.DWG

PLAN REVISIONS

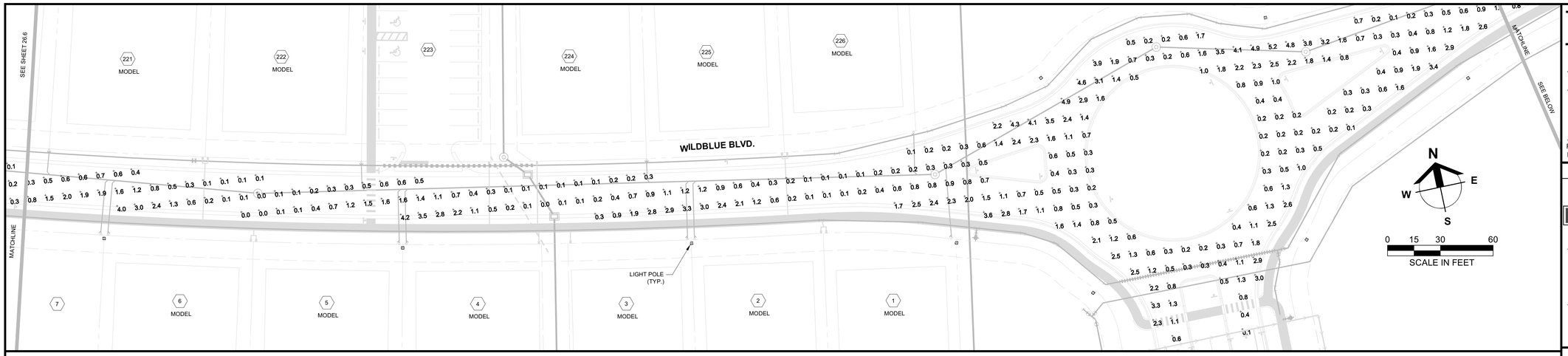
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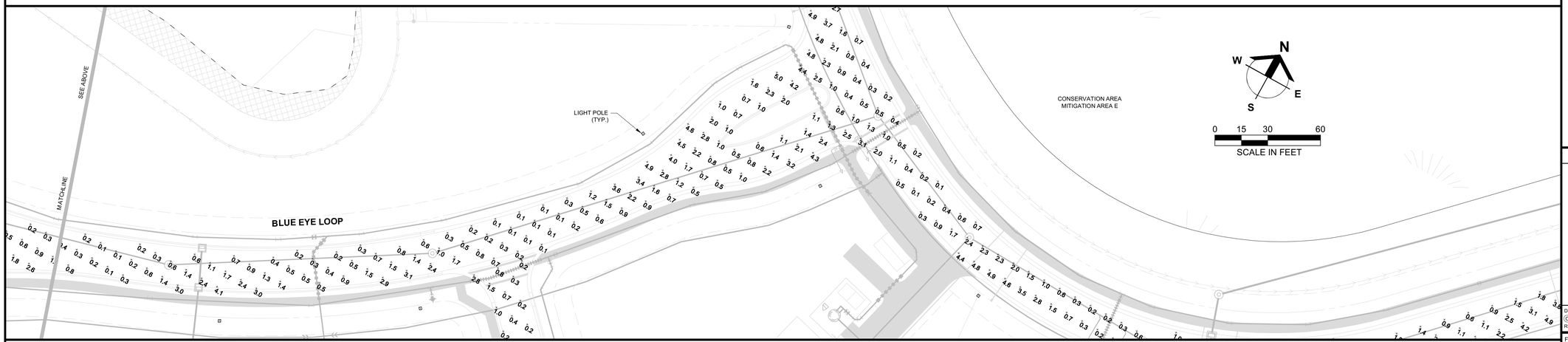
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STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.6

DOS2017-00103 Lee County ePlan





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CROSS REFERENCED DRAWINGS

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PLAN REVISIONS

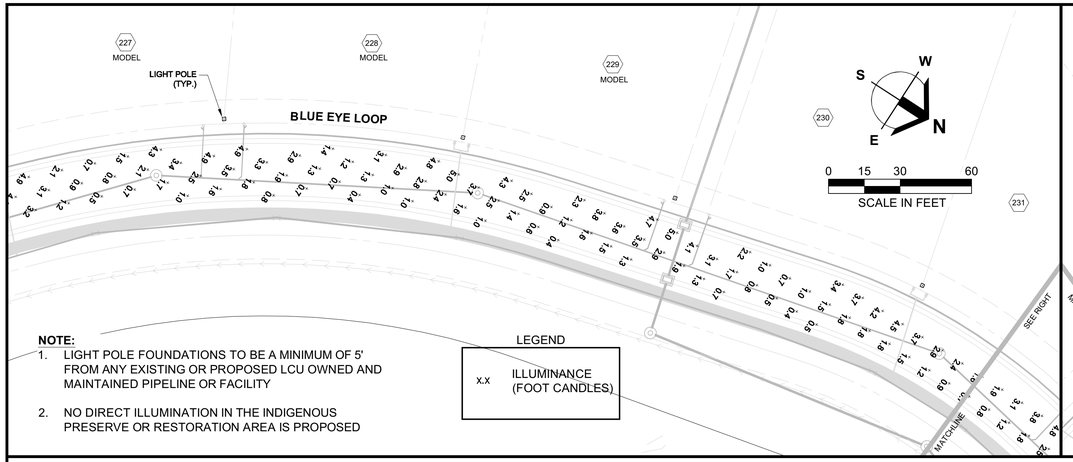
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STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.7

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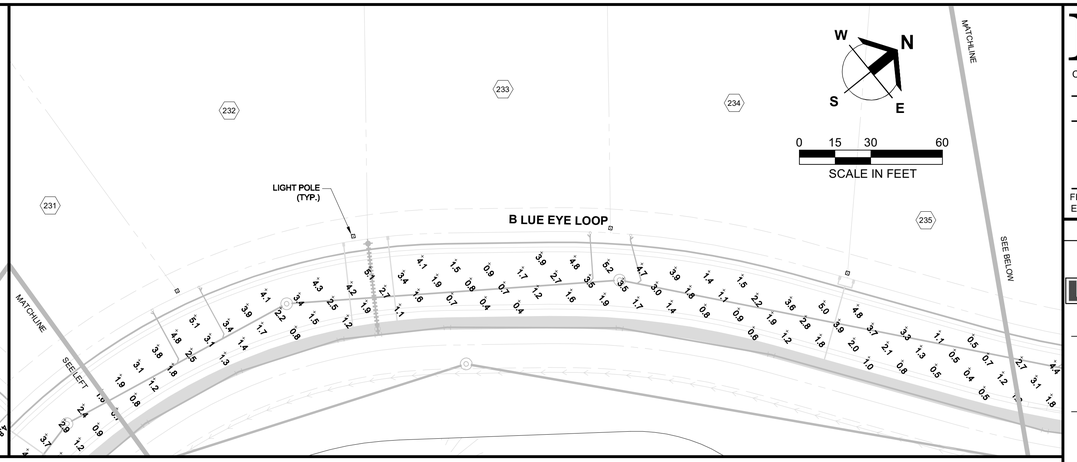


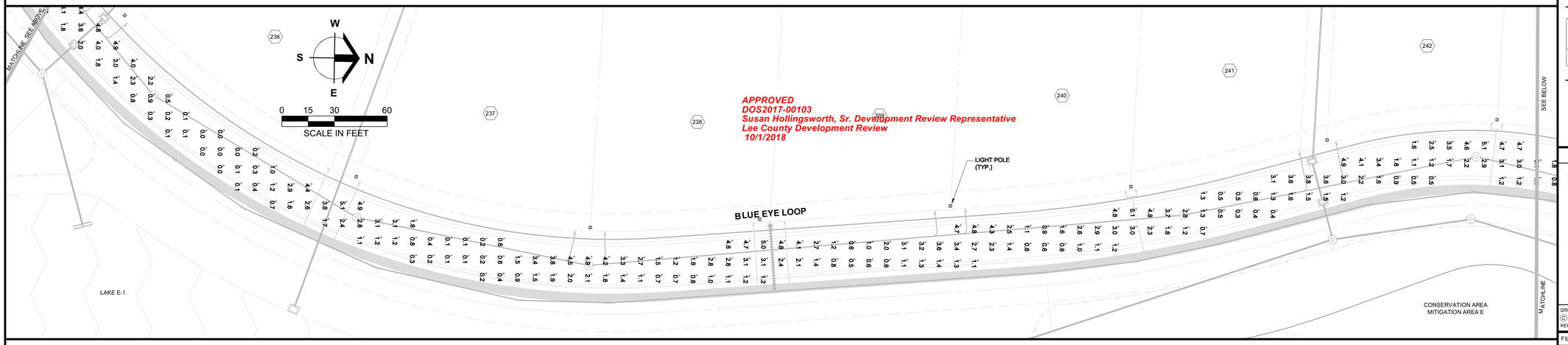
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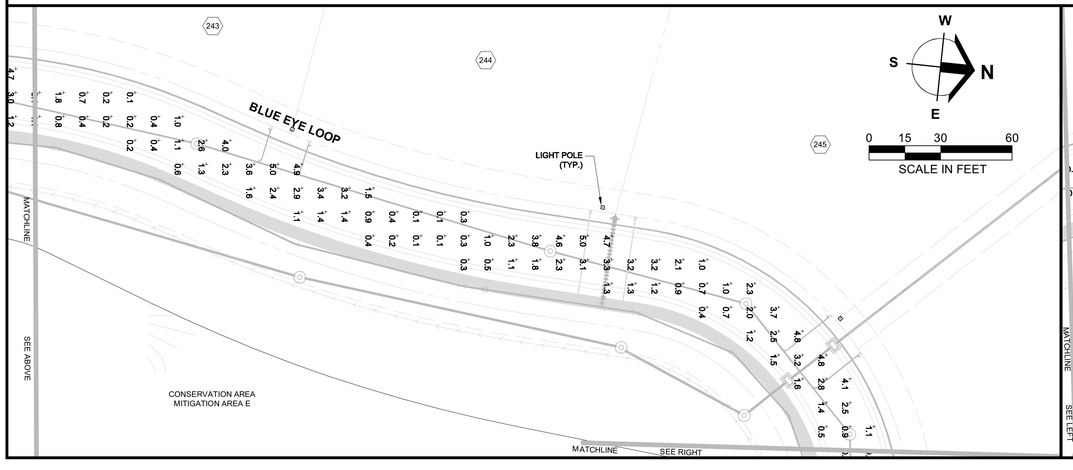
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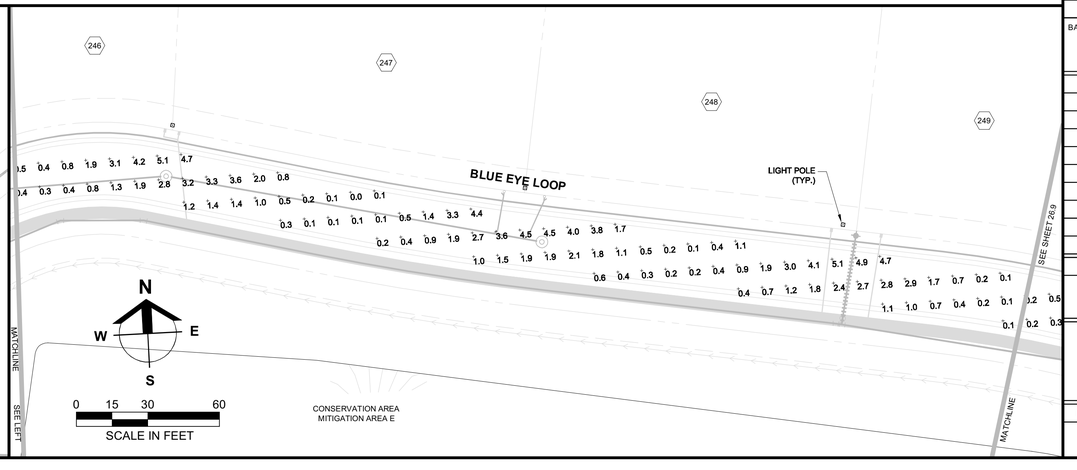
x.x ILLUMINANCE (FOOT CANDLES)





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PLAN REVISIONS

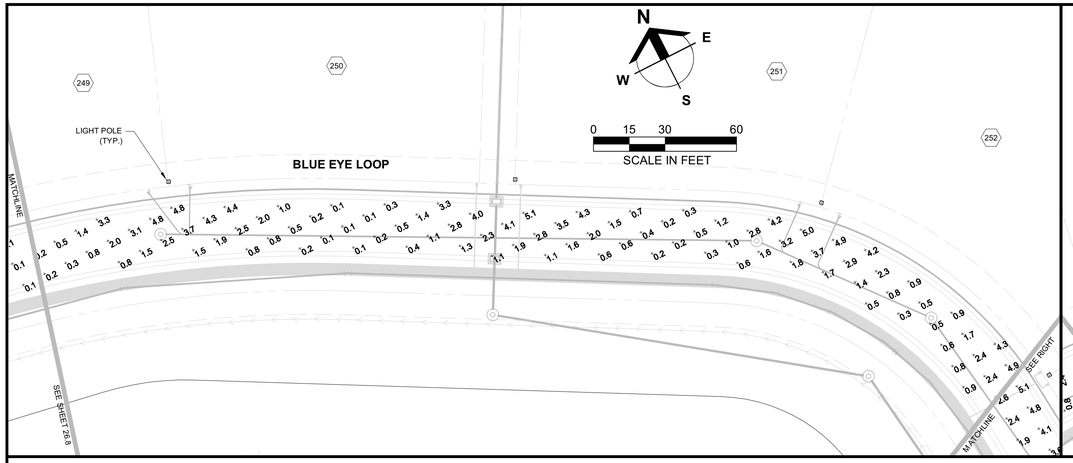
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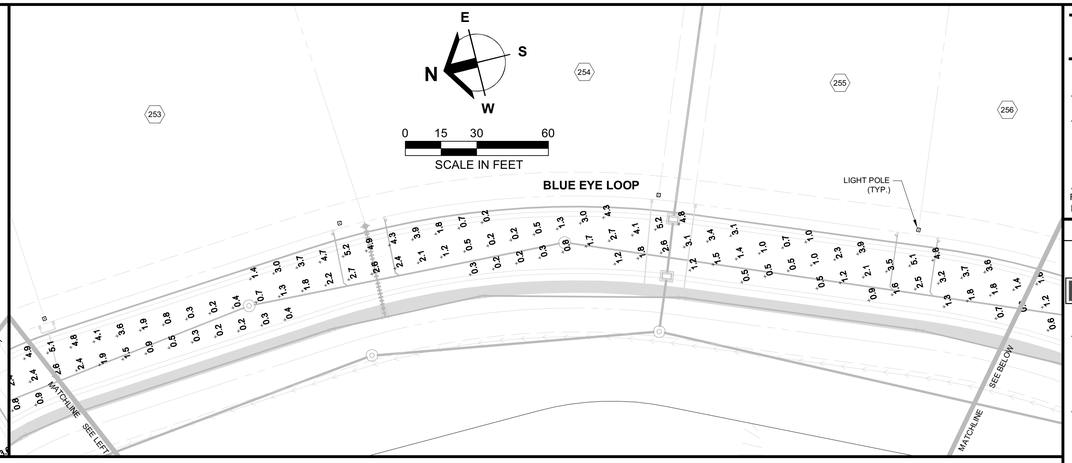
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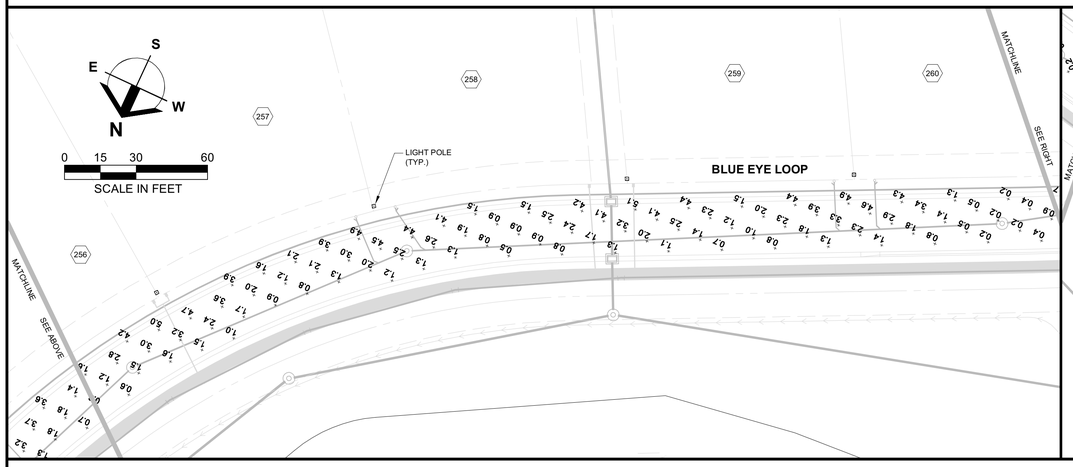
STREET LIGHTING PLANS

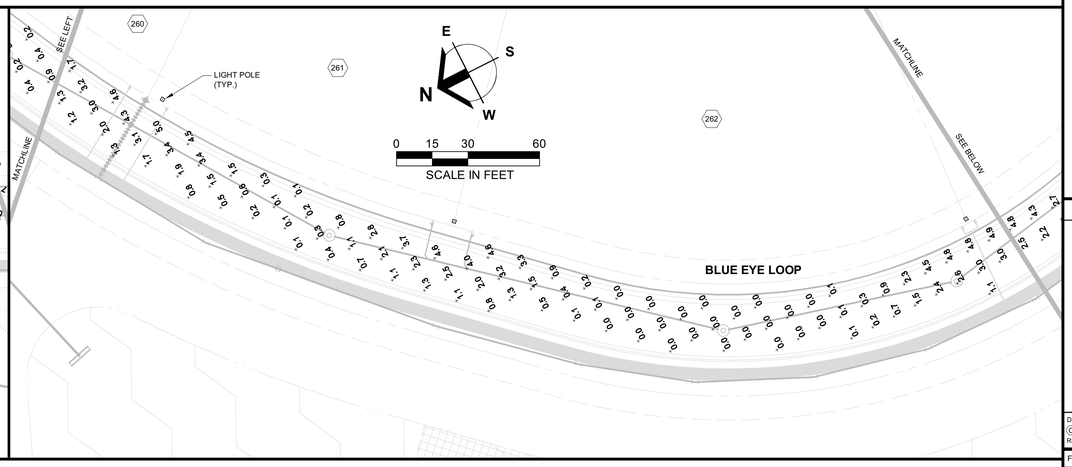
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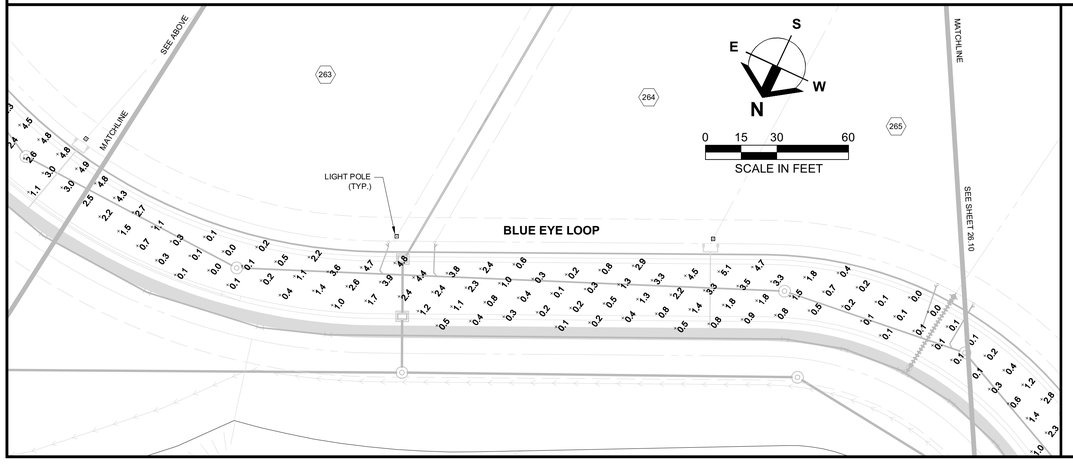
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10/1/2018

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)

Barraco and Associates, Inc.
CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING
www.barraco.net
2271 McGREGOR BLVD., SUITE 100
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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	23675A96.DWG
LOCATION	J:\23675\DWG\DO\
PLOT DATE	THU. 9-6-2018 - 12:32 PM
PLOT BY	SCOTT WHEELER JR

CROSS REFERENCED DRAWINGS

BASEPLAN = 23675A00.DWG

PLAN REVISIONS

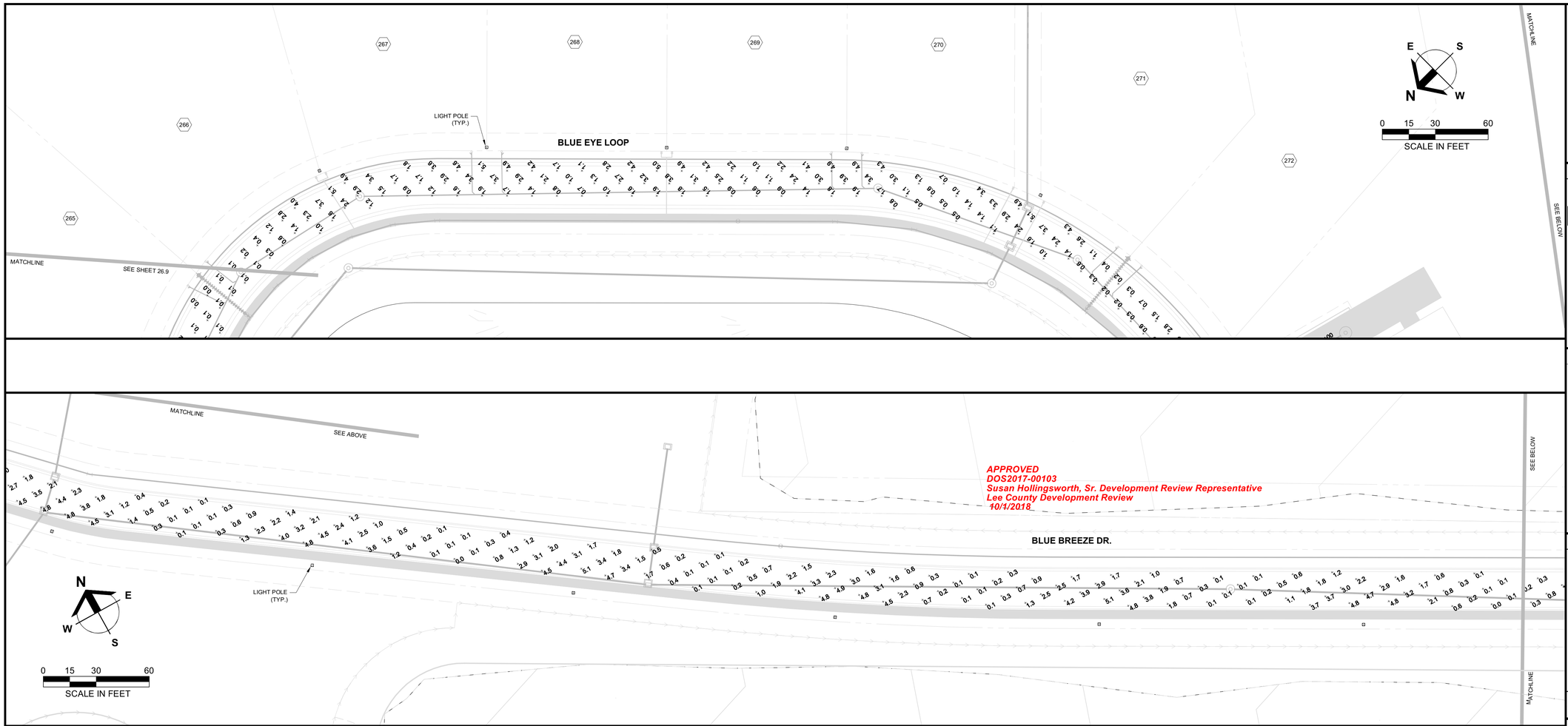
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.9

DOS2017-00103 Lee County ePlan



NOTE:
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PLAN REVISIONS

PLAN STATUS

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NOT FOR CONSTRUCTION

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23675	26.10