DOS2018-00007 Lee County ePlan

DEVELOPMENT ORDER PLANS

FOR

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.

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

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

WILDBLUE SOUTHWEST

LEE COUNTY
DOT RIGHT-OF-WAY
PERMIT REQUIRED

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

PROJECT DATA

SITE ADDRESS
13500 ALICO ROAD
FORT MYERS, FLORIDA 33913

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

ZONING
MPD (RESOLUTION Z-15-021)

RECORD PLAT
PENDING

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

STRAP NUMBERS
19-46-26-L2-050F2.0000

PERMIT REQUIREMENTS

AGENCY	STATUS	NOTES
S. FLORIDA WATER MANAGEMENT DISTRICT	APPROVED	36-05075-P
LEE COUNTY DEVELOPMENT ORDER	PENDING	-
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 SAPEN

SITE PLANNING
JENNIFER SAPEN

DESIGN STAFF
ERIC FALLON
SCOTT WHEELER, JR.
WALLACE PEYTON GAUSE III
WILLIAM SCOTT ENGLISH
JAMIE L. TODD

LAND PLANNING
-

QUALITY CONTROL
CHRIS VAN BUSKIRK

RECORD DRAWINGS
-

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

ALL DIMENSIONS ARE IN FEET.



PROJECT LOCATION

N
W E
S

LOCATION MAP

0 500 1000 2000
SCALE IN FEET

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

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.

INDEX OF DRAWINGS

SHEET	DESCRIPTION	XREF	DRAWING NAME
C1.0	COVER SHEET AND LOCATION MAP	A	23526A01.DWG
C2.0	STANDARD NOTES, LEGEND AND ABBREVIATIONS	-	23526A02.DWG
C3.0	AERIAL PHOTOGRAPH AND EXISTING CONDITIONS PLAN	A	23526A06.DWG
C4.0	MASTER SITE AND PHASING PLAN	A	23526A10.DWG
2 C4.1	MODEL HOME PARKING PLAN	A	23526A10B.DWG
C5.0	MASTER DRAINAGE PLAN	A	23526A11.DWG
C6.0	MASTER UTILITY PLAN	A	23526A12.DWG
C7.0-C7.26	DETAILED PAVING, GRADING, AND DRAINAGE PLANS	A	23526A15.DWG
C8.0-C8.3	TYPICAL SECTIONS	-	23526A18.DWG
C9.0	PLAN AND PROFILE KEY SHEET	A	23526A29.DWG
C10.0-C10.8	PLAN AND PROFILES - WILDBLUE BLVD. (STA: 400 & 500)	A,B	23526A30A.DWG
C11.0	PLAN AND PROFILES - AQUA RESERVE CT. (STA: 600)	A,B	23526A30B.DWG
C12.0-C12.1	PLAN AND PROFILES - WATERMAN CT. (STA: 700)	A,B	23526A30C.DWG
C13.0-C13.2	PLAN AND PROFILES - AQUA VIEW LN. (STA: 800)	A,B	23526A30D.DWG
C14.0-C14.2	PLAN AND PROFILES - MARQUESA DR. (STA: 900)	A,B	23526A30E.DWG
C15.0-C15.8	PLAN AND PROFILES - AQUA SHORE DR. (STA: 1000)	A,B	23526A30F.DWG
C16.0	PLAN AND PROFILES - AQUA MARINE WAY & WATERSHED WAY (STA: 1100)	A,B	23526A30G.DWG
C17.0	PLAN AND PROFILES - LIFT STATIONS 7883 & 7884	A,B	23526A30H.DWG
C18.0	CONTROL STRUCTURE DETAILS	-	23526A42.DWG
C19.0-C19.1	TYPICAL CONSTRUCTION DETAILS	-	23526A44.DWG
C20.0	EROSION CONTROL DETAILS	-	23526A50.DWG
C21.0	STORMWATER POLLUTION PREVENTION PLAN	A	23526A52.DWG
C22.0-C22.3	UTILITY DETAILS	-	23526A70.DWG
C23.0-C23.2	LIFT STATION 7883 & 7884 DETAILS	-	23526A71.DWG
C24.0-C24.9	STREET LIGHTING PLANS	A	23526A86.DWG
C25.0-C25.1	OFFSITE TURN LANES CORKSCREW ROAD	A	23526A90.DWG
C26.0	DEWATERING PLAN	-	23526A93.DWG
C27.0	DEEP LAKE MANAGEMENT PLAN	-	23526A94.DWG
C28.0-C28.1	CLEARING & EARTHWORK PLAN	-	23526A98A.DWG
C29.0-C29.1	CLEARING & EARTHWORK PLAN SECTIONS	-	23526A98B.DWG

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.

CROSS-REFERENCED DRAWINGS:

XREF	DESCRIPTION	DRAWING NAME
A	BASE LINEWORK PLAN	23526A00.DWG
B	PROFILE BASE PLAN	23526A00P.DWG

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

Barraco and Associates, Inc.
CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING - LANDSCAPE DESIGN
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

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

CARL ANTHONY BARRACO LICENSE No. 38536 STATE OF FLORIDA

Digitally signed by Carl A. Barraco, P.E. 38536
Date: 2018.04.10 17:17:52 -04'00'

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

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FILE NAME	23526A01.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:30 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

MASTER = BAI-COVER-1.DWG

PLAN REVISIONS

12-26-17	DO COMMENTS DATED 12-15-17 (1)
2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-9-18	DO COMMENTS DATED 4-4-18 (3)

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

COVER SHEET AND LOCATION MAP

PROJECT / FILE NO.	SHEET NUMBER
23526	C1.0

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

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

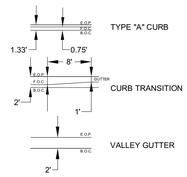
- VALLEY GUTTER INLET
- DITCH BOTTOM INLET
- DRAINAGE JUNCTION BOX
- MITERED END SECTION
- CONTROL STRUCTURE
- HEADWALL
- FLARED END SECTION
- TYPE 5 INLET (LEFT)
- TYPE 5 INLET (RIGHT)
- TYPE 6 INLET
- TYPE 9 INLET
- TYPE 10 INLET
- YARD DRAIN
- FLOW ARROW

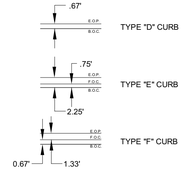
UTILITIES

- 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





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

- 69 LOT NUMBER
- 69 BUILDING ID NUMBER
- D1-1 STORM STRUCTURE I.D.
- XXX SANITARY STRUCTURE I.D.
- FH FIRE HYDRANT LABEL
- SOIL BORING LOCATION
- 10 SECTION LABEL
- NORTH ARROW
- 0 30 60 BAR SCALE N.T.S.

EROSION CONTROL

NOTE: SEE EROSION CONTROL DETAILS FOR ADDITIONAL INFORMATION.

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

SURVEYING

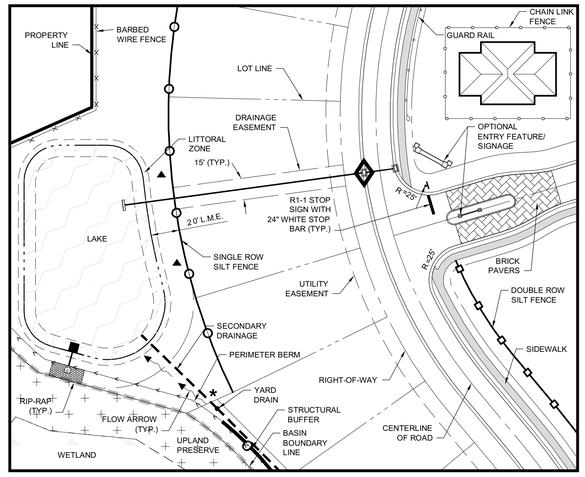
- FOUND NAIL AS NOTED
- SET 1/2" IRON ROD WITH CAP STAMPED LB6940
- SET 4"x4" CONC. MONUMENT STAMPED LB6940
- SET P.K. NAIL WITH DISC STAMPED LB6940
- FOUND CONC. MONUMENT AS NOTED
- FOUND IRON PIPE OR IRON ROD AS NOTED
- DRAINAGE INLET
- DRAINAGE MANHOLE
- MITERED END SECTION
- LIGHT POLE
- CONCRETE 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.

- STOP — R1-1 — STOP SIGN - ALL STOP SIGN



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WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A06.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:31 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 △1

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

AERIAL PHOTOGRAPH AND EXISTING CONDITIONS PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	C3.0

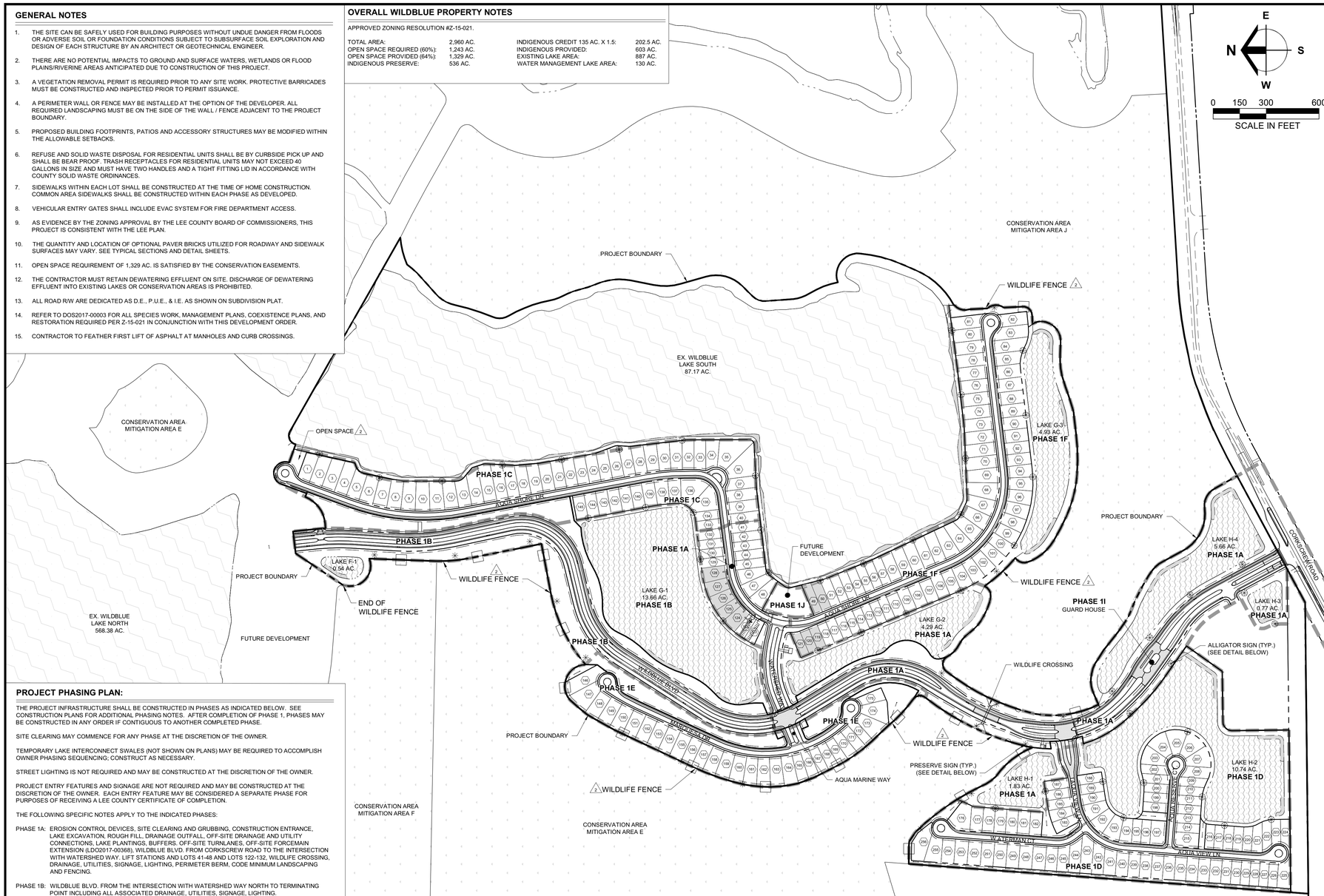
GENERAL NOTES

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 POTENTIAL IMPACTS TO GROUND AND SURFACE WATERS, WETLANDS OR FLOOD PLAINS/RIVERINE AREAS ANTICIPATED DUE TO CONSTRUCTION OF THIS PROJECT.
3. A VEGETATION REMOVAL PERMIT IS REQUIRED PRIOR TO ANY SITE WORK. PROTECTIVE BARRICADES MUST BE CONSTRUCTED AND INSPECTED PRIOR TO PERMIT ISSUANCE.
4. A PERIMETER WALL OR FENCE MAY BE INSTALLED AT THE OPTION OF THE DEVELOPER. ALL REQUIRED LANDSCAPING MUST BE ON THE SIDE OF THE WALL / FENCE ADJACENT TO THE PROJECT BOUNDARY.
5. PROPOSED BUILDING FOOTPRINTS, PATIOS AND ACCESSORY STRUCTURES MAY BE MODIFIED WITHIN THE ALLOWABLE SETBACKS.
6. REFUSE AND SOLID WASTE DISPOSAL FOR RESIDENTIAL UNITS SHALL BE BY CURBSIDE PICK UP AND SHALL BE BEAR PROOF. TRASH RECEPTACLES FOR RESIDENTIAL UNITS MAY NOT EXCEED 40 GALLONS IN SIZE AND MUST HAVE TWO HANDLES AND A TIGHT FITTING LID IN ACCORDANCE WITH COUNTY SOLID WASTE ORDINANCES.
7. SIDEWALKS WITHIN EACH LOT SHALL BE CONSTRUCTED AT THE TIME OF HOME CONSTRUCTION. COMMON AREA SIDEWALKS SHALL BE CONSTRUCTED WITHIN EACH PHASE AS DEVELOPED.
8. VEHICULAR ENTRY GATES SHALL INCLUDE EVAC SYSTEM FOR FIRE DEPARTMENT ACCESS.
9. AS EVIDENCE BY THE ZONING APPROVAL BY THE LEE COUNTY BOARD OF COMMISSIONERS, THIS PROJECT IS CONSISTENT WITH THE LEE PLAN.
10. THE QUANTITY AND LOCATION OF OPTIONAL PAVER BRICKS UTILIZED FOR ROADWAY AND SIDEWALK SURFACES MAY VARY. SEE TYPICAL SECTIONS AND DETAIL SHEETS.
11. OPEN SPACE REQUIREMENT OF 1,329 AC. IS SATISFIED BY THE CONSERVATION EASEMENTS.
12. THE CONTRACTOR MUST RETAIN DEWATERING EFFLUENT ON SITE. DISCHARGE OF DEWATERING EFFLUENT INTO EXISTING LAKES OR CONSERVATION AREAS IS PROHIBITED.
13. ALL ROAD R/W ARE DEDICATED AS D.E., P.U.E., & I.E. AS SHOWN ON SUBDIVISION PLAT.
14. REFER TO DOS2017-00003 FOR ALL SPECIES WORK, MANAGEMENT PLANS, COEXISTENCE PLANS, AND RESTORATION REQUIRED PER Z-15-021 IN CONJUNCTION WITH THIS DEVELOPMENT ORDER.
15. CONTRACTOR TO FEATHER FIRST LIFT OF ASPHALT AT MANHOLES AND CURB CROSSINGS.

OVERALL WILDBLUE PROPERTY NOTES

APPROVED ZONING RESOLUTION #Z-15-021.

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



E
N
S
W

0 150 300 600
SCALE IN FEET

PROPERTY DEVELOPMENT REGULATIONS

PER RESOLUTION Z-15-021

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

DENSITY / INTENSITY TRACKING TABLE

PER RESOLUTION Z-15-021

DWELLING UNITS	
ALLOWED	1,000
DEVELOPMENT ORDER: PENDING DOS2017-00069 (BLUE LAKE PH.1)	22
DEVELOPMENT ORDER: PENDING DOS2017-00103 (WILDBLUE PH.1)	73
DEVELOPMENT ORDER: THIS APPLICATION DOS2018-00007 (WILDBLUE S.W. PULTE)	256
DEVELOPMENT ORDER: PENDING DOS2018- 00012 (VISTABLUE PH. 2)	130
REMAINING	519

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

LAND USE CALCULATIONS:

ITEM:	AREA
EXISTING LAKE AT CONTROL	87.17 AC.
ROADWAY	
ROAD & CURB	17.81 AC.
SIDEWALK	2.14 AC.
PROPOSED LAKE AT CONTROL	42.42 AC.
BUILDINGS	32.48 AC.
OTHER	
OPEN SPACE	92.72 AC.
TOTAL SITE AREA:	274.74 AC.

PROJECT PHASING PLAN:

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

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

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

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

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

THE FOLLOWING SPECIFIC NOTES APPLY TO THE INDICATED PHASES:

PHASE 1A: EROSION CONTROL DEVICES, SITE CLEARING AND GRUBBING, CONSTRUCTION ENTRANCE, LAKE EXCAVATION, ROUGH FILL, DRAINAGE OUTFALL, OFF-SITE DRAINAGE AND UTILITY CONNECTIONS, LAKE PLANTINGS, BUFFERS, OFF-SITE TURNLANES, OFF-SITE FORCEMAIN EXTENSION (LDO2017-00368), WILDBLUE BLVD. FROM CORKSCREW ROAD TO THE INTERSECTION WITH WATERSHED WAY. LIFT STATIONS AND LOTS 41-48 AND LOTS 122-132, WILDLIFE CROSSING, DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND FENCING.

PHASE 1B: WILDBLUE BLVD. FROM THE INTERSECTION WITH WATERSHED WAY NORTH TO TERMINATING POINT INCLUDING ALL ASSOCIATED DRAINAGE, UTILITIES, SIGNAGE, LIGHTING.

PHASE 1C: LOTS 1-40 & LOTS 133-145 INCLUDING ALL ASSOCIATED ,DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND FENCE.

PHASE 1D: LOTS 176-256 INCLUDING ALL ASSOCIATED ROADWAYS, DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND OPTIONAL WALL/FENCE.

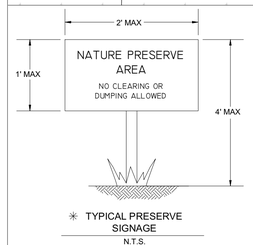
PHASE 1E: LOTS 146-175 INCLUDING ALL ASSOCIATED ROADWAYS, DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND OPTIONAL WALL/FENCE.

PHASE 1F: LOTS 49-121 INCLUDING ALL ASSOCIATED ROADWAYS, DRAINAGE, UTILITIES, SIGNAGE, LIGHTING, PERIMETER BERM, CODE MINIMUM LANDSCAPING AND OPTIONAL WALL/FENCE.

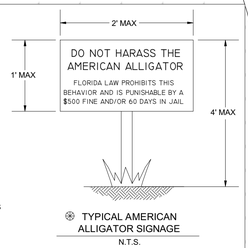
PHASE 1G: CONSTRUCT ENTRY SIGNAGE AT CORKSCREW ROAD.

PHASE 1H: CONSTRUCT ENTRY SIGNAGE FOR RESIDENTIAL PODS.

PHASE 1I: GUARD HOUSE AND ENTRY GATES. INCLUDING ALL ASSOCIATED, UTILITIES, SIGNAGE, AND LIGHTING.



✳ TYPICAL PRESERVE SIGNAGE
N.T.S.



⊛ TYPICAL AMERICAN ALLIGATOR SIGNAGE
N.T.S.

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.

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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

LEGEND

- EXISTING LAKE
- PROPOSED LAKE
- CONSERVATION AREA
- PHASE LINE
- MODEL HOME
- WILDLIFE FENCE 2

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A10.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:31 PM
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PLAN REVISIONS

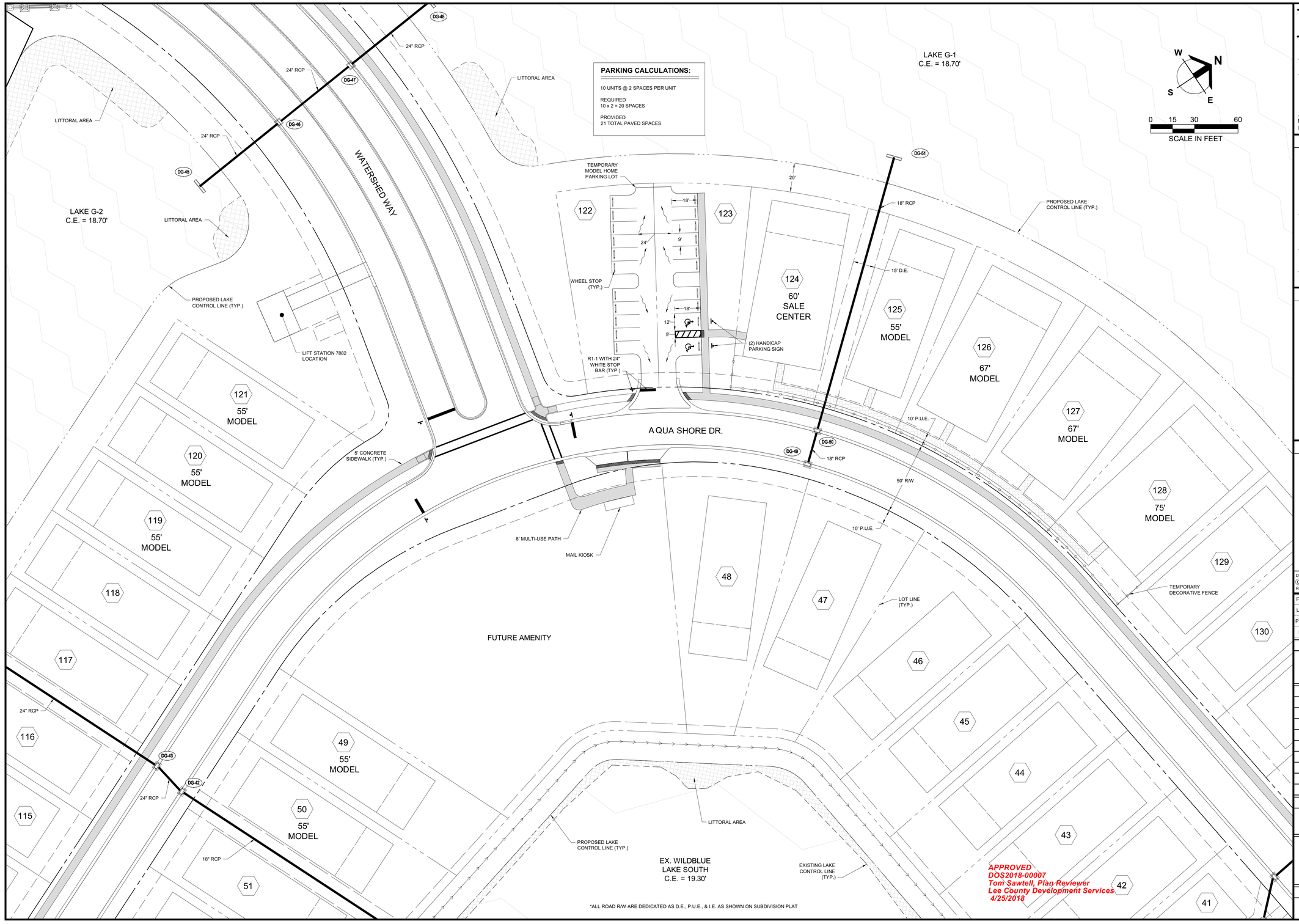
2-19-18	DO COMMENTS DATED 2-16-18 1

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

MASTER SITE AND PHASING PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	C4.0



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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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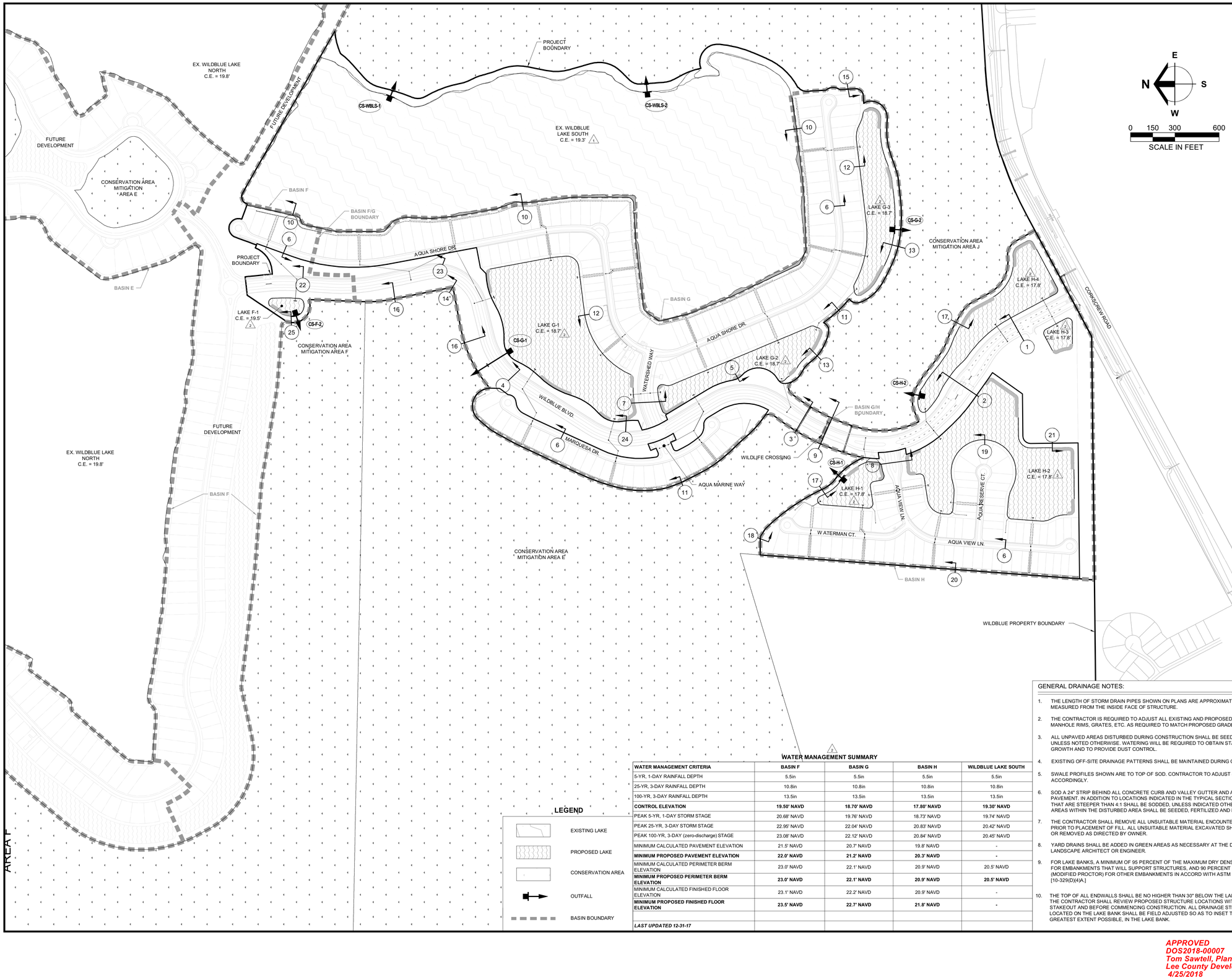
2-19-18	DO COMMENTS DATED 2-16-18 (1)

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

(2) MODEL HOME PARKING PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	C4.1



LEGEND

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

WATER MANAGEMENT SUMMARY

WATER MANAGEMENT CRITERIA	BASIN F	BASIN G	BASIN H	WILDBLUE LAKE SOUTH
5-YR, 1-DAY RAINFALL DEPTH	5.5in	5.5in	5.5in	5.5in
25-YR, 3-DAY RAINFALL DEPTH	10.8in	10.8in	10.8in	10.8in
100-YR, 3-DAY RAINFALL DEPTH	13.5in	13.5in	13.5in	13.5in
CONTROL ELEVATION	**19.50' NAVD**	**18.70' NAVD**	**17.80' NAVD**	**19.30' NAVD**
PEAK 5-YR, 1-DAY STORM STAGE	20.68' NAVD	19.76' NAVD	18.73' NAVD	19.74' NAVD
PEAK 25-YR, 3-DAY STORM STAGE	22.95' NAVD	22.04' NAVD	20.83' NAVD	20.42' NAVD
PEAK 100-YR, 3-DAY (zero-discharge) STAGE	23.08' NAVD	22.12' NAVD	20.84' NAVD	20.45' NAVD
MINIMUM CALCULATED PAVEMENT ELEVATION	21.5' NAVD	20.7' NAVD	19.8' NAVD	-
MINIMUM PROPOSED PAVEMENT ELEVATION	**22.0' NAVD**	**21.2' NAVD**	**20.3' NAVD**	**-**
MINIMUM CALCULATED PERIMETER BERM ELEVATION	23.0' NAVD	22.1' NAVD	20.9' NAVD	20.5' NAVD
MINIMUM PROPOSED PERIMETER BERM ELEVATION	**23.0' NAVD**	**22.1' NAVD**	**20.9' NAVD**	**20.5' NAVD**
MINIMUM CALCULATED FINISHED FLOOR ELEVATION	23.1' NAVD	22.2' NAVD	20.9' NAVD	-
MINIMUM PROPOSED FINISHED FLOOR ELEVATION	**23.5' NAVD**	**22.7' NAVD**	**21.8' NAVD**	**-**
LAST UPDATED 12-31-17				

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.

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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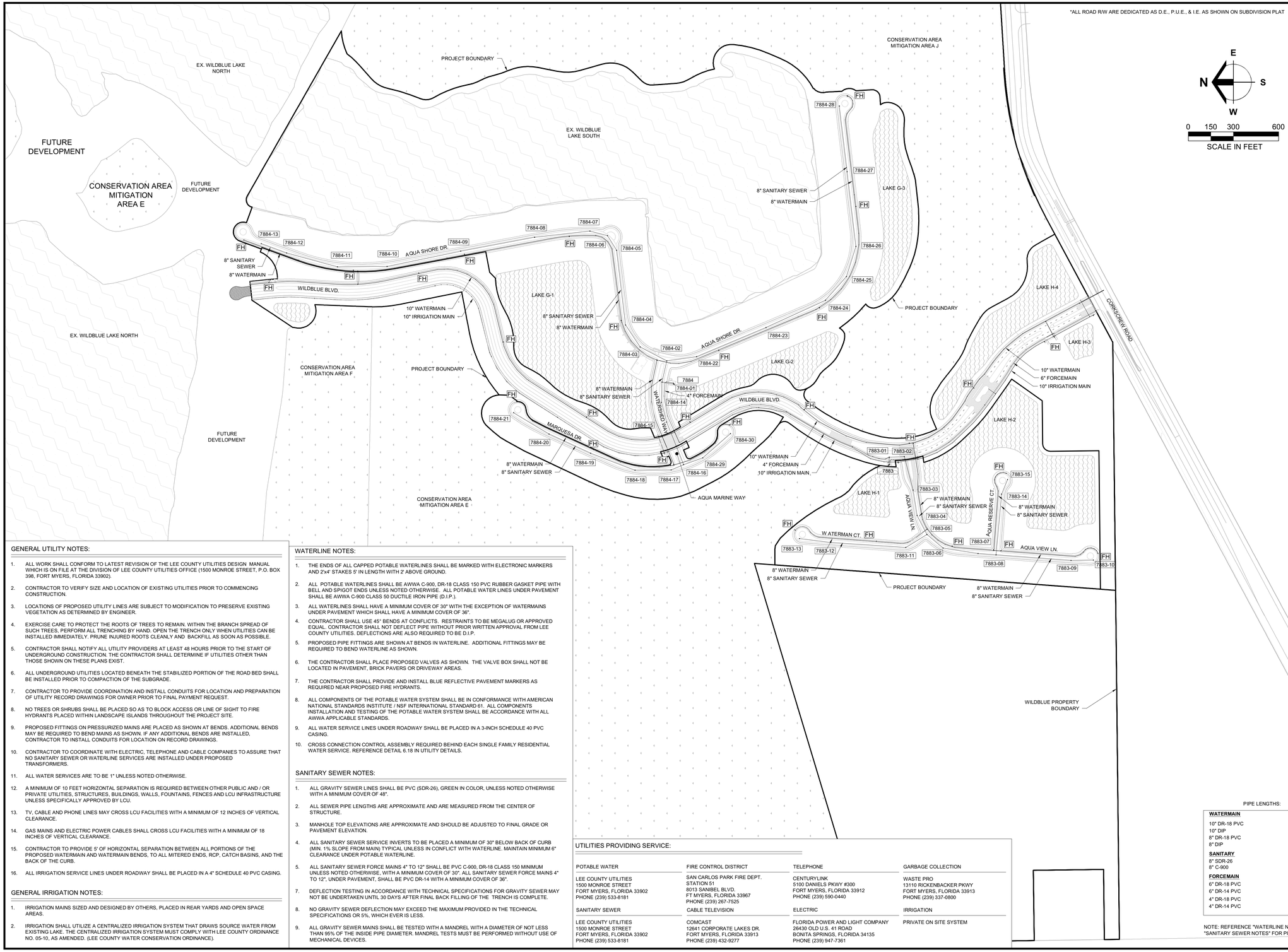
2-19-18	DO COMMENTS DATED 2-16-18 (2)

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

MASTER DRAINAGE PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	**C5.0**



GENERAL UTILITY NOTES:

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

GENERAL IRRIGATION NOTES:

1. IRRIGATION MAINS SIZED AND DESIGNED BY OTHERS, PLACED IN REAR YARDS AND OPEN SPACE AREAS.
2. IRRIGATION SHALL UTILIZE A CENTRALIZED IRRIGATION SYSTEM THAT DRAWS SOURCE WATER FROM EXISTING LAKE. THE CENTRALIZED IRRIGATION SYSTEM MUST COMPLY WITH LEE COUNTY ORDINANCE NO. 05-10, AS AMENDED. (LEE COUNTY WATER CONSERVATION ORDINANCE).

WATERLINE NOTES:

1. THE ENDS OF ALL CAPPED POTABLE WATERLINES SHALL BE MARKED WITH ELECTRONIC MARKERS AND 2'x4' STAKES 5' IN LENGTH WITH 2' ABOVE GROUND.
2. ALL POTABLE WATERLINES SHALL BE AWWA C-900, DR-18 CLASS 150 PVC RUBBER GASKET PIPE WITH BELL AND SPIGOT ENDS UNLESS NOTED OTHERWISE. ALL POTABLE WATER LINES UNDER PAVEMENT SHALL BE AWWA C-900 CLASS 50 DUCTILE IRON PIPE (D.I.P.).
3. ALL WATERLINES SHALL HAVE A MINIMUM COVER OF 30" WITH THE EXCEPTION OF WATERMAINS UNDER PAVEMENT WHICH SHALL HAVE A MINIMUM COVER OF 36".
4. CONTRACTOR SHALL USE 45° BENDS AT CONFLICTS. RESTRAINTS TO BE MEGALUG OR APPROVED EQUAL. CONTRACTOR SHALL NOT DEFLECT PIPE WITHOUT PRIOR WRITTEN APPROVAL FROM LEE COUNTY UTILITIES. DEFLECTIONS ARE ALSO REQUIRED TO BE D.I.P.
5. PROPOSED PIPE FITTINGS ARE SHOWN AT BENDS IN WATERLINE. ADDITIONAL FITTINGS MAY BE REQUIRED TO BEND WATERLINE AS SHOWN.
6. THE CONTRACTOR SHALL PLACE PROPOSED VALVES AS SHOWN. THE VALVE BOX SHALL NOT BE LOCATED IN PAVEMENT, BRICK PAVERS OR DRIVEWAY AREAS.
7. THE CONTRACTOR SHALL PROVIDE AND INSTALL BLUE REFLECTIVE PAVEMENT MARKERS AS REQUIRED 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.

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.

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

PIPE LENGTHS:

WATERMAIN	LENGTH
10" DR-18 PVC	6540 L.F.
10" DIP	125 L.F.
8" DR-18 PVC	11,537 L.F.
8" DIP	520 L.F.
SANITARY	**LENGTH**
8" SDR-26	11,332 L.F.
8" C-900	131 L.F.
FORCEMAIN	**LENGTH**
6" DR-18 PVC	1,622 L.F.
6" DR-14 PVC	165 L.F.
4" DR-18 PVC	1,912 L.F.
4" DR-14 PVC	110 L.F.

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

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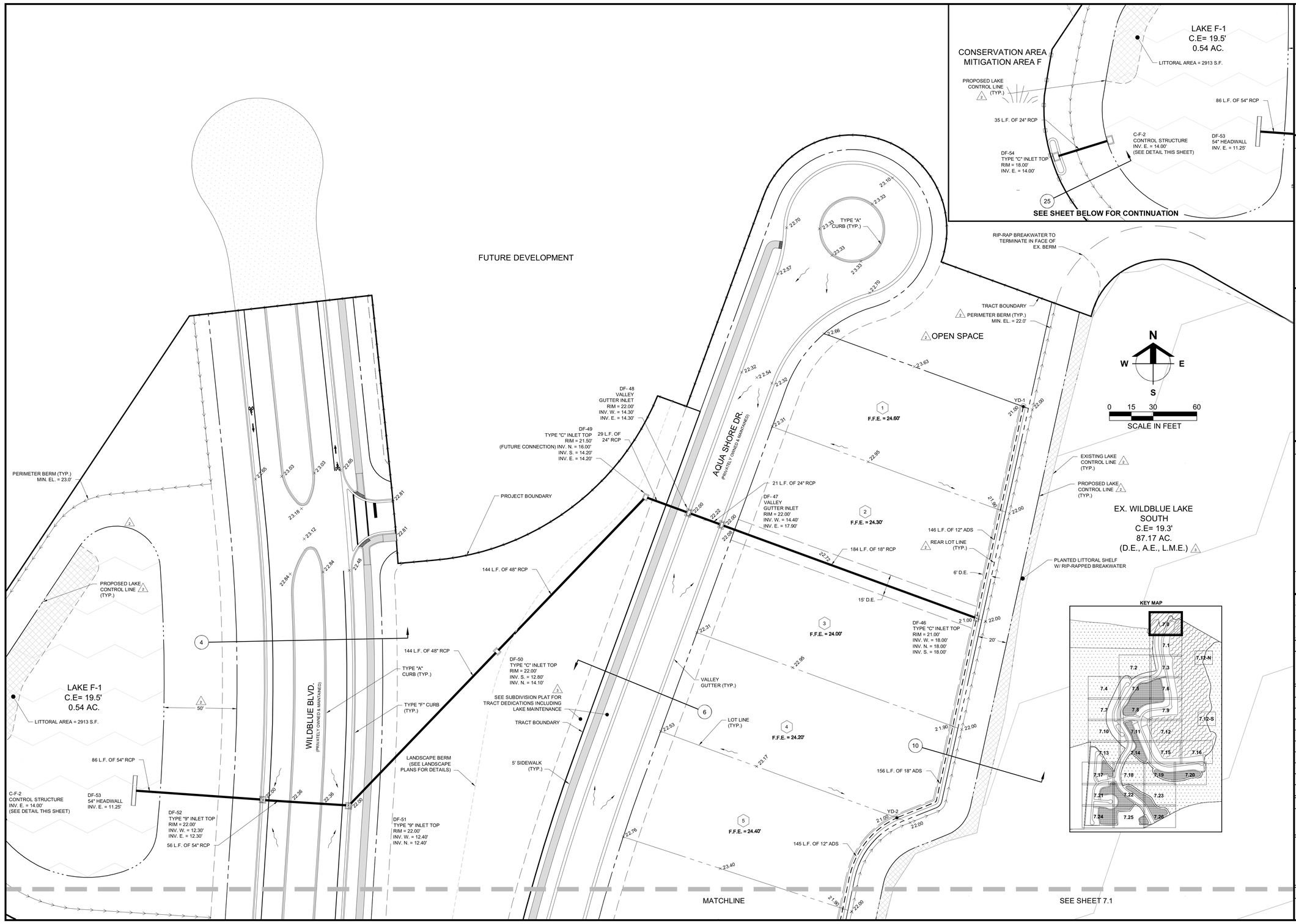
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

MASTER UTILITY PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	C6.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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SURVEY = 23372S00.DWG

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 △2
4-8-18	DO COMMENTS DATED 4-4-18 △3

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

MATCHLINE

SEE SHEET 7.0

CONSERVATION AREA
MITIGATION AREA F

WILDBLUE BLVD.
(PRIVATELY OWNED & MAINTAINED)

AQUA SHORE DR.
(PRIVATELY OWNED & MAINTAINED)

LANDSCAPE BERM
(SEE LANDSCAPE
PLANS FOR DETAILS)

5' SIDEWALK
(TYP.)

SEE SUBDIVISION PLAT FOR
TRACT DEDICATIONS INCLUDING
LAKE MAINTENANCE

TRACT
BOUNDARY

VALLEY
GUTTER (TYP.)

8' CHAINLINK
FENCE

PROJECT BOUNDARY

PERIMETER BERM (TYP.)
MIN. EL. = 22.0'

PLANTED LITTORAL SHELF
W/ RIP-RAPPED BREAKWATER

EX. WILDBLUE LAKE
SOUTH
C.E= 19.3'
87.17 AC.
(D.E., A.E., L.M.E.)

F.F.E. = 24.70'

145 L.F. OF 12" ADS

6' D.E.

YD-3

F.F.E. = 24.70'

F.F.E. = 24.50'

F.F.E. = 24.20'

140 L.F. OF 12" ADS

LOT LINE
(TYP.)

YD-4

F.F.E. = 24.00'

21 L.F. OF 24" RCP

178 L.F. OF 18" RCP

DG-63
TYPE "C" INLET TOP
RIM = 20.20'
INV. W. = 16.90'
INV. N. = 16.90'
INV. S. = 16.90'

15' D.E.

TYPE "F" CURB
(TYP.)

TYPE "A"
CURB (TYP.)

DG- 65
VALLEY
GUTTER INLET
RIM = 22.00'
INV. S. = 11.60'
INV. E. = 11.60'

DG- 64
VALLEY
GUTTER INLET
RIM = 22.00'
INV. W. = 11.70'
INV. E. = 16.80'

F.F.E. = 24.00'

141 L.F. OF 18" ADS

EXISTING LAKE
CONTROL LINE
(TYP.)

333 L.F. OF 30" RCP

F.F.E. = 24.30'

REAR LOT LINE
(TYP.)

PROPOSED LAKE
CONTROL LINE
(TYP.)

VALLEY
GUTTER (TYP.)

YD-5

F.F.E. = 24.50'

162 L.F. OF 12" ADS

CONSERVATION AREA
MITIGATION AREA E

PERIMETER BERM (TYP.)
MIN. EL. = 22.1'

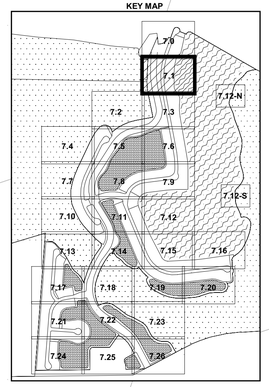
MATCHLINE

SEE SHEET 7.3

N
W E
S

0 15 30 60
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KEY MAP



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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:33 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

PLAN STATUS

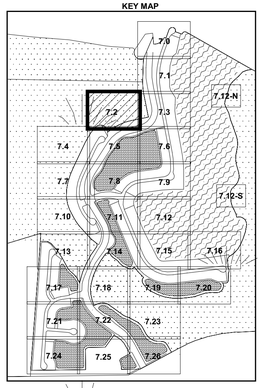
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.1

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

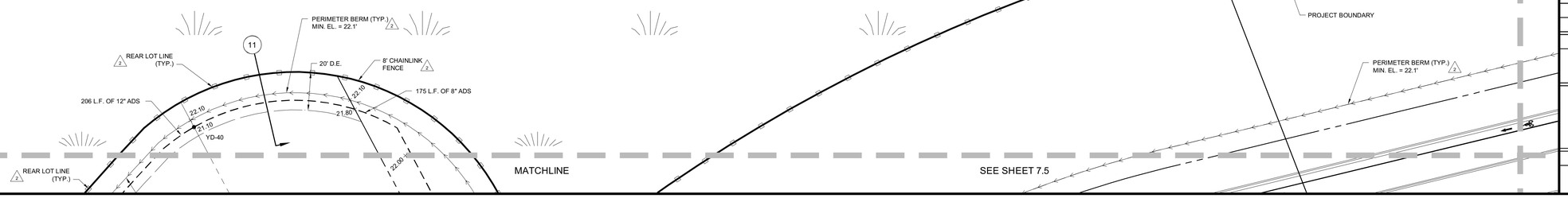
KEY MAP



N
W E
S
0 15 30 60
SCALE IN FEET

CONSERVATION AREA
MITIGATION AREA E

SEE SHEET 7.3



Barraco and Associates, Inc.
CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING - LANDSCAPE DESIGN
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

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:33 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.2

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

MATCHLINE

SEE SHEET 7.1

SEE SHEET 7.2

MATCHLINE

SEE SHEET 7.6

MATCHLINE

SEE SUBDIVISION PLAT FOR TRACT DEDICATIONS INCLUDING LAKE MAINTENANCE (3)

SEE SUBDIVISION PLAT FOR TRACT DEDICATIONS INCLUDING LAKE MAINTENANCE (3)

CONSERVATION AREA
MITIGATION AREA E

333 L.F. OF 30" RCP

DG-67
TYPE "9" INLET TOP
RIM = 21.20'
INV. N. = 11.60'
INV. S. = 11.60'
INV. W. = 15.40'

DG-66
TYPE "9" INLET TOP
RIM = 21.20'
INV. E. = 15.50'

56 L.F. OF 18" RCP

8' CHAINLINK FENCE (2)

PERIMETER BERM (TYP.) (2)
MIN. EL. = 22.1'

PROJECT BOUNDARY

5' SIDEWALK (TYP.)

VALLEY GUTTER (TYP.)

LOT LINE (TYP.)

AQUA SHORE DR.
(PRIVATELY OWNED & MAINTAINED)

345 L.F. OF 42" RCP

TRACT BOUNDARY

DG-74
VALLEY GUTTER INLET
RIM = 21.20'
INV. W. = 11.50'
INV. E. = 16.30'
INV. N. = 11.50'

TYPE "A" CURB

TYPE "F" CURB

5' CONCRETE SIDEWALK

LANDSCAPE BERM (SEE LANDSCAPE PLANS FOR DETAILS)

393 L.F. OF 48" RCP

WILDBLUE BLVD.
(PRIVATELY OWNED & MAINTAINED)

DG-69
TYPE "9" INLET TOP
RIM = 21.20'
INV. S. = 17.10'

56 L.F. OF 18" RCP

14
F.F.E. = 24.30'

15
F.F.E. = 24.00'

16
F.F.E. = 24.00'

17
F.F.E. = 23.70'

18
F.F.E. = 23.50'

19
F.F.E. = 23.20'

20
F.F.E. = 23.20'

21
F.F.E. = 23.40'

22
F.F.E. = 23.60'

162 L.F. OF 12" ADS

YD-6

PERIMETER BERM (TYP.) (2)
MIN. EL. = 21.2'

YD-7

EXISTING LAKE CONTROL LINE (2) (TYP.)

135 L.F. OF 12" ADS

PROPOSED LAKE CONTROL LINE (2) (TYP.)

6' D.E.

20'

YD-8

LITTORAL AREA (TYP.)

134 L.F. OF 18" ADS

21 L.F. OF 24" RCP

175 L.F. OF 24" RCP

15' D.E.

DG-72
TYPE "C" INLET TOP
RIM = 20.20'
INV. W. = 16.90'
INV. N. = 16.90'
INV. S. = 16.90'

DG-73
VALLEY GUTTER INLET
RIM = 21.20'
INV. W. = 16.40'
INV. E. = 16.80'

133 L.F. OF 12" ADS

REAR LOT LINE (TYP.) (2)

YD-9

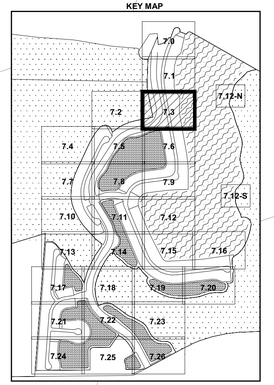
131 L.F. OF 12" ADS

EX. WILDBLUE LAKE
SOUTH
C.E= 19.3'
87.17 AC.
(D.E., A.E., L.M.E.) (3)

N
W E
S

0 15 30 60
SCALE IN FEET

KEY MAP



Barraco and Associates, Inc.
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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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FLORIDA P.E. NO. 38536 - CARLB@BARRACO.NET

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PLOT DATE	TUE. 4-10-2018 - 3:33 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (1)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

PLAN STATUS

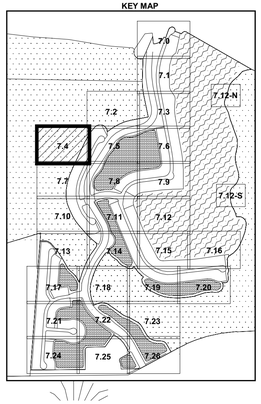
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

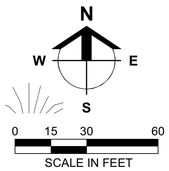
DETAILED PAVING, GRADING AND DRAINAGE PLANS

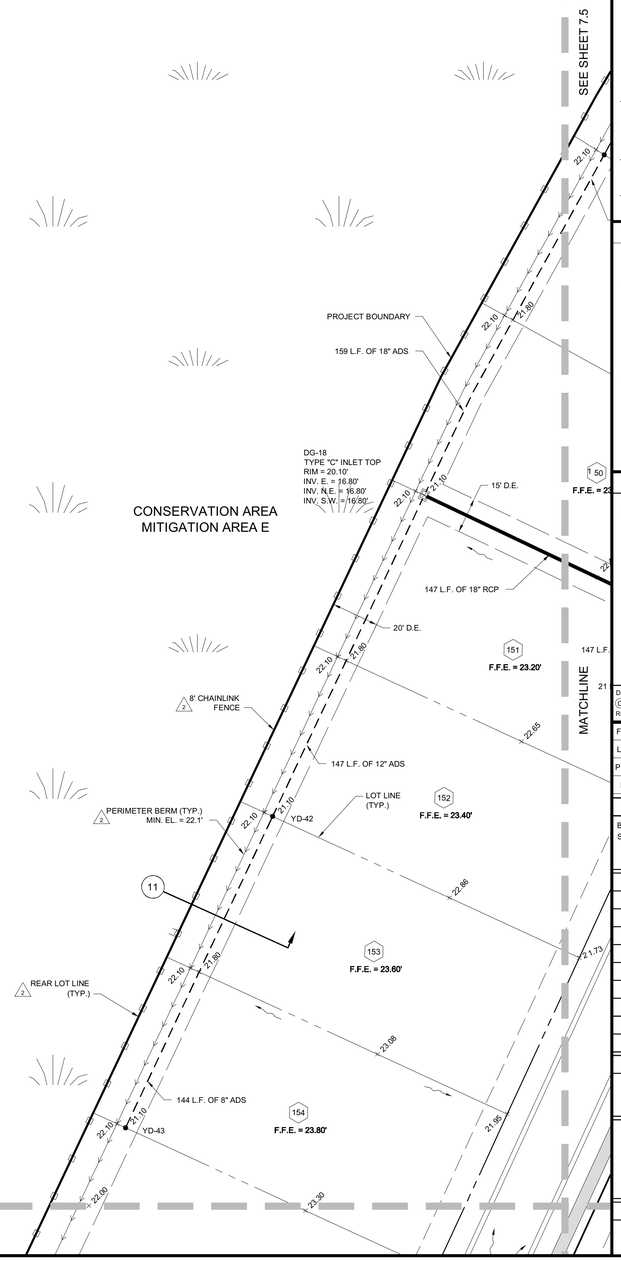
PROJECT / FILE NO.	SHEET NUMBER
23526	C7.3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

KEY MAP







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PREPARED FOR

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WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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PLOT DATE	TUE. 4-10-2018 - 3:34 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.4

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

MATCHLINE

SEE SHEET 7.2

SEE SHEET 7.4

SEE SHEET 7.6

MATCHLINE

MATCHLINE

SEE SHEET 7.8

REAR LOT LINE (TYP.)

PROJECT BOUNDARY

206 L.F. OF 12" ADS

PERIMETER BERM (TYP.) MIN. EL. = 22.1'

20' D.E.

8' CHAINLINK FENCE

LOT LINE (TYP.)

159 L.F. OF 18" ADS

175 L.F. OF 8" ADS

YD-40

YD-39

YD-41

F.F.E. = 24.00'

F.F.E. = 24.00'

F.F.E. = 24.00'

F.F.E. = 23.60'

F.F.E. = 23.30'

TRACT BOUNDARY

PERIMETER BERM (TYP.) MIN. EL. = 22.1'

SEE SUBDIVISION PLAT FOR TRACT DEDICATIONS INCLUDING LAKE MAINTENANCE

MARQUESA DR. (PRIVATELY OWNED & MAINTAINED)

TYPE "A" CURB (TYP.)

VALLEY GUTTER (TYP.)

DG-22
TYPE "S" INLET TOP
RIM = 21.20'
INV. W. = 11.70'
INV. E. = 11.70'

DG-19
VALLEY GUTTER INLET
RIM = 21.20'
INV. W. = 12.00'
INV. E. = 16.70'

15' D.E.

147 L.F. OF 18" RCP

21 L.F. OF 24" RCP

DG-20
VALLEY GUTTER INLET
RIM = 21.20'
INV. W. = 11.90'
INV. E. = 11.90'

58 L.F. OF 30" RCP

184 L.F. OF 30" RCP

DG-21
TYPE "C" INLET TOP
RIM = 21.20'
INV. W. = 11.80'
INV. E. = 11.80'

5' SIDEWALK (TYP.)

56 L.F. OF 36" RCP

DG-23
TYPE "S" INLET TOP
RIM = 21.20'
INV. W. = 11.60'
INV. E. = 11.60'

98 L.F. OF 36" RCP

DG-24
36" HEADWALL
INV. W. = 10.95'

LITTORAL AREA = 4,792 S.F.

59.85'

41.3'

DG-62
TYPE "E" INLET
RIM = 17.30'
INV. S. = 10.00'

SPREADER SWALE (SEE DETAIL)

156 L.F. OF 24" RCP

WILDBLUE BLVD. (PRIVATELY OWNED & MAINTAINED)

TYPE "A" CURB (TYP.)

TYPE "F" CURB (TYP.)

5' CONCRETE SIDEWALK

LANDSCAPE BERM (SEE LANDSCAPE PLANS FOR DETAILS)

52.67'

34.23'

CS-G-1
CONTROL STRUCTURE
INV. N. = 10.00'
(SEE SHEET C18.0)

SEE SUBDIVISION PLAT FOR TRACT DEDICATIONS INCLUDING LAKE MAINTENANCE

TRACT BOUNDARY

PROPOSED LAKE CONTROL LINE (TYP.)

LAKE G-1
C.E= 18.7'
13.66 AC.

N

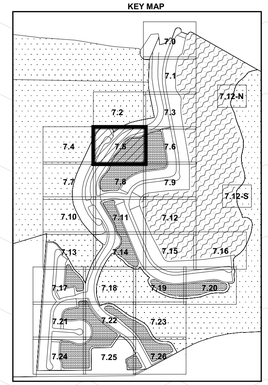
W E

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SCALE IN FEET

KEY MAP



Barraco and Associates, Inc.

CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING - LANDSCAPE DESIGN

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

PREPARED FOR

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SUITE 300
BONITA SPRINGS, FLORIDA 34134

PHONE (239) 498-7711
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WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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PLOT DATE	TUE, 4-10-2018 - 3:34 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.5

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

MATCHLINE

SEE SHEET 7.5

SEE SHEET 7.3

SEE SHEET 7.9

56 L.F. OF 18" RCP

DG-70
TYPE "9" INLET TOP
RIM = 21.20'
INV. E. = 11.30'
INV. N. = 17.00'
INV. S. = 10.40'

79 L.F. OF 48" RCP

DG-71
48" HEADWALL
INV. N. = 9.45'

SEE SUBDIVISION PLAT FOR TRACT DEDICATIONS INCLUDING LAKE MAINTENANCE (3)

TRACT BOUNDARY

LANDSCAPE BERM (SEE LANDSCAPE PLANS FOR DETAILS)

LITTORAL AREA = 3,209 S.F.

59.15'

40.51'

LAKE G-1
C.E= 18.7'
13.66 AC.

PROPOSED LAKE CONTROL LINE (TYP.) (2)

REAR LOT LINE (TYP.) (2)

5' SIDEWALK (TYP.)

AQUA SHORE DR.
(PRIVATELY OWNED & MAINTAINED)

LOT LINE (TYP.)

VALLEY GUTTER (TYP.)

131 L.F. OF 12" ADS

133 L.F. OF 8" ADS

137 L.F. OF 12" ADS

143 L.F. OF 18" RCP

194 L.F. OF 24" RCP

21 L.F. OF 24" RCP

34 L.F. OF 18" RCP

148 L.F. OF 18" ADS

140 L.F. OF 18" ADS

DG-57
TYPE "C" INLET TOP
RIM = 20.20'
INV. W. = 16.90'
INV. N. = 16.90'
INV. S. = 16.90'

DG-58
JUNCTION BOX
TOP
RIM = 21.50'
INV. E. = 16.80'
INV. S. = 16.80'

DG-59
VALLEY
GUTTER INLET
RIM = 21.20'
INV. W. = 15.70'
INV. N. = 16.70'

DG-60
VALLEY
GUTTER INLET
RIM = 21.20'
INV. W. = 13.10'
INV. E. = 15.60'

DG-61
24" HEADWALL
INV. E. = 11.95'

15' D.E.

6' D.E.

20'

PERIMETER BERM (TYP.)
MIN. EL. = 21.2' (2)

LITTORAL AREA
(TYP.)

EXISTING LAKE CONTROL LINE (2)
(TYP.)

PROPOSED LAKE CONTROL LINE (2)
(TYP.)

EX. WILDBLUE LAKE
SOUTH
C.E= 19.3'
87.17 AC.
(D.E., A.E., L.M.E.) (3)

YD-10
YD-11
YD-12
YD-13

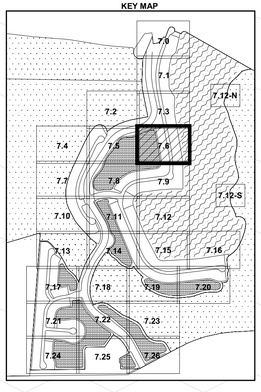
22 F.F.E. = 23.60'
23 F.F.E. = 23.70'
24 F.F.E. = 23.80'
25 F.F.E. = 23.80'
26 F.F.E. = 23.60'
27 F.F.E. = 23.40'
28 F.F.E. = 23.20'
29 F.F.E. = 23.10'
30 F.F.E. = 23.30'
31 F.F.E. = 23.40'
145 F.F.E. = 23.60'
144 F.F.E. = 23.80'
143 F.F.E. = 23.80'
142 F.F.E. = 23.80'
141 F.F.E. = 23.60'
140 F.F.E. = 23.40'
139 F.F.E. = 23.20'
138 F.F.E. = 23.20'
137 F.F.E. = 23.40'

6
10
12

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SCALE IN FEET

KEY MAP



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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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FLORIDA P.E. NO. 38536 - CARLB@BARRACO.NET

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PLAN STATUS

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NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.6

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

MATCHLINE

SEE SHEET 7.4

N

W E

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0 15 30 60

SCALE IN FEET

CONSERVATION AREA
MITIGATION AREA E

SEE SHEET 7.8

MARQUESA DR.
(PRIVATELY OWNED & MAINTAINED)

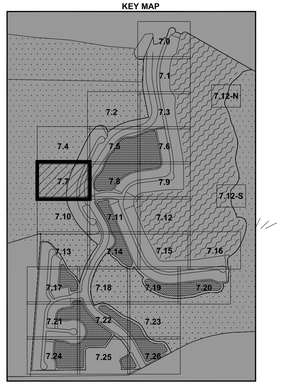
WILDBLUE BLVD.
(PRIVATELY OWNED & MAINTAINED)

MATCHLINE

SEE SHEET 7.10

MATCHLINE

KEY MAP



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FILE NAME	23526A15.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 4:23 PM
PLOT BY	GUY SAPEN

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.7

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

MATCHLINE

SEE SHEET 7.5

SEE SHEET 7.7

SEE SHEET 7.9

MATCHLINE

MATCHLINE

SEE SHEET 7.11

WILDBLUE BLVD.
(PRIVATELY OWNED & MAINTAINED)

WATERSHED WAY
(PRIVATELY OWNED & MAINTAINED)

AQUA SHORE DR.
(PRIVATELY OWNED & MAINTAINED)

LAKE G-1
C.E= 18.7'
13.66 AC.

KEY MAP

N
W E
S

0 15 30 60
SCALE IN FEET

TYPE "F" CURB
TYPE "A" CURB
5' CONCRETE SIDEWALK
LANDSCAPE BERM (SEE LANDSCAPE PLANS FOR DETAILS)
TRACT BOUNDARY
SEE SUBDIVISION PLAT FOR TRACT DEDICATIONS INCLUDING LAKE MAINTENANCE
LITTORAL AREA = 4,792 S.F.
LITTORAL AREA = 1,650 S.F.
LITTORAL AREA = 4,558 S.F.
LITTORAL AREA = 1,626 S.F.
56 L.F. OF 36" RCP
89 L.F. OF 36" RCP
69 L.F. OF 24" RCP
60 L.F. OF 24" RCP
194 L.F. OF 18" RCP
21 L.F. OF 18" RCP
72 L.F. OF 8" ADS
DG-16 TYPE "S" INLET TOP RIM = 21.20' INV. W. = 12.80' INV. E. = 12.40'
DG-17 36" HEADWALL INV. W. = 11.40'
DG-48 24" HEADWALL INV. S. = 12.95'
DG-47 TYPE "S" INLET TOP RIM = 21.20' INV. N. = 14.40' INV. S. = 14.40'
DG-46 TYPE "S" INLET TOP RIM = 21.20' INV. N. = 14.40' INV. S. = 14.40'
DG-51 18" HEADWALL INV. S. = 12.95'
DG-50 VALLEY GUTTER INLET RIM = 21.20' INV. N. = 17.40' INV. S. = 14.20'
DG-49 VALLEY GUTTER INLET RIM = 21.20' INV. N. = 17.50'
PROPOSED LAKE CONTROL LINE (TYP.)
TEMPORARY MODEL HOME PARKING
3' VALLEY GUTTER (TYP.)
VALLEY GUTTER (TYP.)
REAR LOT LINE (TYP.)
LOT LINE (TYP.)
PERIMETER BERM (TYP.) MIN. EL. = 21.2
EXISTING LAKE CONTROL LINE (TYP.)
REAR LOT LINE (TYP.)
PROPOSED LAKE CONTROL LINE (TYP.)
15' D.E.
6' D.E.
FUTURE DEVELOPMENT
F.F.E. = 23.10'
F.F.E. = 23.30'
F.F.E. = 23.50'
F.F.E. = 23.80'
F.F.E. = 23.60'
F.F.E. = 23.50'
F.F.E. = 23.20'
F.F.E. = 23.50'
YD-21
YD-22

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

PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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PROJECT / FILE NO.	SHEET NUMBER
23526	C7.8

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

MATCHLINE

SEE SHEET 7.6

SEE SHEET 7.8

LAKE G-1
C.E= 18.7'
13.66 AC.

DG-56
30" HEADWALL
INV. S. = 11.45'

PROPOSED LAKE CONTROL LINE (TYP.) 2

REAR LOT LINE (TYP.) 2

5' SIDEWALK (TYP.)

20'

194 L.F. OF 30" RCP

15' D.E.

DG-55
VALLEY
GUTTER INLET
RIM = 21.24'
INV. N. = 13.10'
INV. S. = 14.60'

VALLEY GUTTER (TYP.)

AQUA SHORE DR.
(PRIVATELY OWNED & MAINTAINED)

21 L.F. OF 24" RCP

28 L.F. OF 24" RCP

DG-54
VALLEY
GUTTER INLET
RIM = 21.24'
INV. N. = 14.70'
INV. S. = 14.70'

DG-53
JUNCTION BOX
TOP
RIM = 21.50'
INV. N. = 14.80'
INV. S. = 14.80'

155 L.F. OF 24" RCP

15' D.E.

DG-52
TYPE "C" INLET TOP
RIM = 20.20'
INV. N. = 14.90'
INV. E. = 14.90'
INV. W. = 14.90'

105 L.F. OF 18" ADS

92 L.F. OF 8" ADS

103 L.F. OF 12" ADS

119 L.F. OF 18" ADS

131 L.F. OF 18" ADS

188 L.F. OF 12" ADS

140 L.F. OF 18" ADS

140 L.F. OF 18" ADS

143 L.F. OF 18" ADS

PERIMETER BERM (TYP.)
MIN. EL. = 21.2 3

REAR LOT LINE (TYP.) 2

LOT LINE (TYP.)

6" D.E.

PROPOSED LAKE CONTROL LINE (TYP.) 2

EXISTING LAKE CONTROL LINE (TYP.) 2

LITTORAL AREA (TYP.)

LITTORAL AREA (TYP.)

EX. WILDBLUE LAKE
SOUTH
C.E= 19.3'
87.17 AC.
(D.E., A.E., L.M.E.) 3

MATCHLINE

SEE SHEET 7.12

128	F.F.E. = 23.60'	
129	F.F.E. = 23.60'	
130	F.F.E. = 23.40'	
131	F.F.E. = 23.30'	
132	F.F.E. = 23.10'	
133	F.F.E. = 23.20'	
134	F.F.E. = 23.40'	
135	F.F.E. = 23.70'	
136	F.F.E. = 23.70'	
31	F.F.E. = 23.40'	
32	F.F.E. = 23.60'	
33	F.F.E. = 23.90'	
34	F.F.E. = 23.90'	
35	F.F.E. = 24.00'	
36	F.F.E. = 24.00'	
37	F.F.E. = 23.80'	
38	F.F.E. = 23.70'	
39	F.F.E. = 23.50'	
40	F.F.E. = 23.20'	
41	F.F.E. = 23.00'	
42	F.F.E. = 23.20'	
43	F.F.E. = 23.40'	
44	F.F.E. = 23.50'	
45	F.F.E. = 23.50'	
46	F.F.E. = 23.50'	

N
W E
S
0 15 30 60
SCALE IN FEET

KEY MAP

Barraco and Associates, Inc.
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PROJECT DESCRIPTION

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LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLAN STATUS

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NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.9

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

MATCHLINE

SEE SHEET 7.7

N
W E
S

0 15 30 60
SCALE IN FEET

F.F.E. = 23.70'

156 L.F. OF 12" ADS

YD-47

164
F.F.E. = 23.90'

REAR LOT LINE (TYP.) 2

YD-48

165
F.F.E. = 24.10'

PERIMETER BERM (TYP.) 2
MIN. EL. = 22.1'

123 L.F. OF 8" ADS

166
F.F.E. = 24.10'

LOT LINE (TYP.)

11

YD-49

167
F.F.E. = 23.90'

121 L.F. OF 8" ADS

168
F.F.E. = 23.60'

20' D.E.

8' CHAINLINK FENCE 2

YD-50

169
F.F.E. = 23.40'

124 L.F. OF 12" ADS

PROJECT BOUNDARY

VALLEY GUTTER (TYP.)

DG-79
TYPE "9" INLET TOP
RIM = 21.50'
INV. S. = 17.50'

TYPE "A" CURB (TYP.)

60 L.F. OF 18" RCP

SIGN (TYP.)

AQUA MARINE WAY
(PRIVATELY OWNED & MAINTAINED)

DG-80
TYPE "9" INLET TOP
RIM = 21.50'
INV. N. = 17.40'
INV. S. = 17.40'

TYPE "F" CURB (TYP.)

TRACT BOUNDARY

2 SEE SUBDIVISION PLAT FOR TRACT DEDICATIONS INCLUDING LAKE MAINTENANCE

194 L.F. OF 18" RCP

TRACT BOUNDARY

5' SIDEWALK (TYP.)

MARQUESA DR.
(PRIVATELY OWNED & MAINTAINED)

DG-6
VALLEY GUTTER INLET
RIM = 21.20'
INV. W. = 11.90'
INV. E. = 11.90'

6

21 L.F. OF 24" RCP

DG-5
VALLEY GUTTER INLET
RIM = 21.20'
INV. W. = 16.70'
INV. E. = 12.00'

154 L.F. OF 24" RCP

170
F.F.E. = 23.20'

DG-4
TYPE "C" INLET TOP
RIM = 20.10'
INV. E. = 12.00'
INV. N. = 12.00'
INV. S. = 12.00'

15' D.E.

171
F.F.E. = 23.50'

172
F.F.E. = 23.80'

110 L.F. OF 18" ADS

173
F.F.E. = 23.80'

YD-51

114 L.F. OF 18" ADS

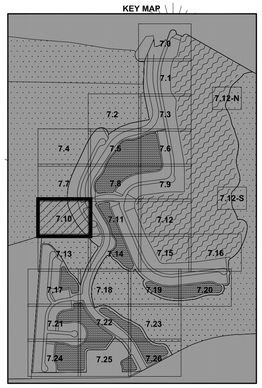
SEE SHEET 7.13

MATCHLINE

SEE SHEET 7.13

CONSERVATION AREA
MITIGATION AREA E

KEY MAP



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WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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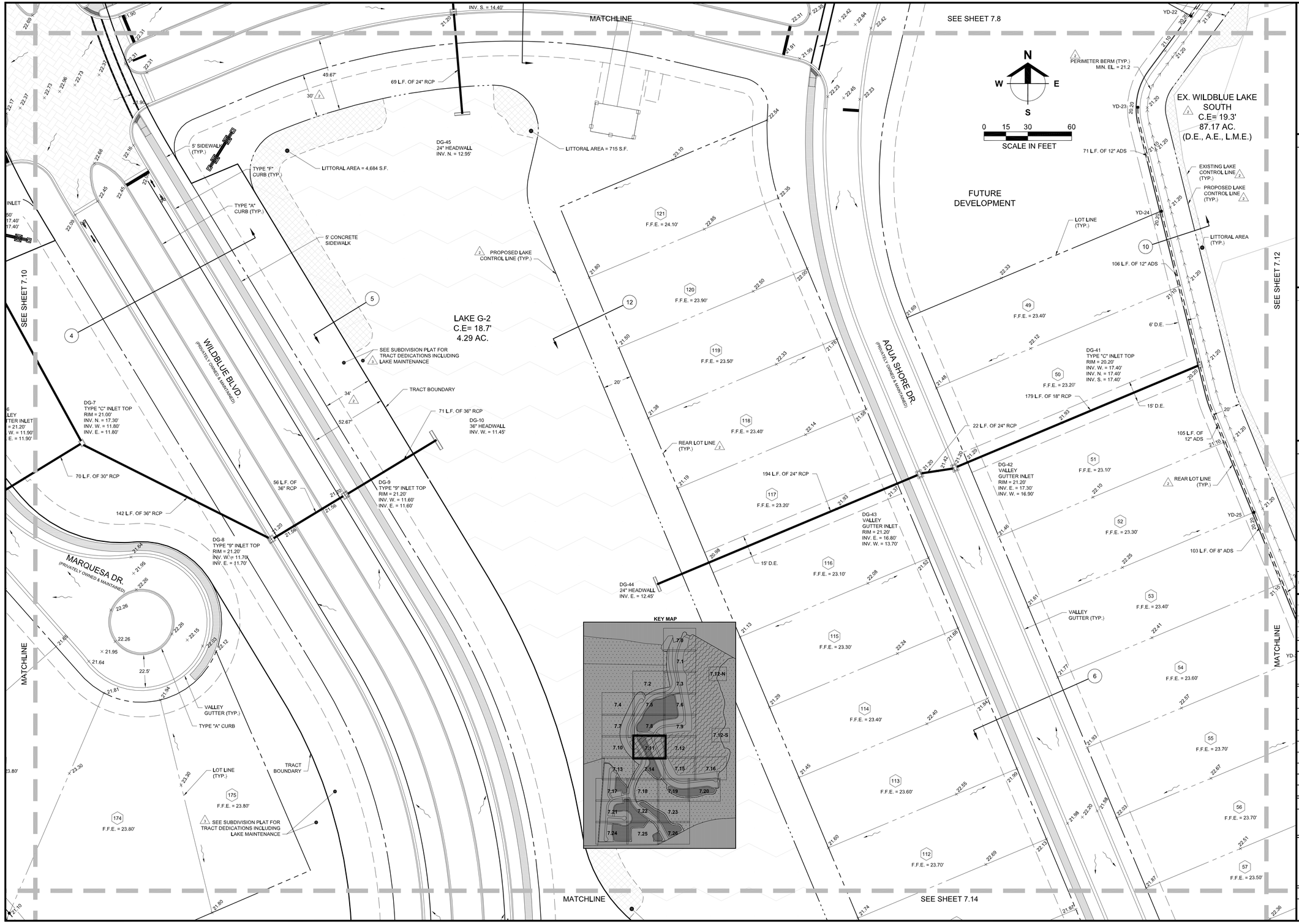
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.10

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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PROJECT / FILE NO.	SHEET NUMBER
23526	C7.11

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DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

MATCHLINE

SEE SHEET 7.9

LAKE

I.E.)

AKE

REA

SEE SHEET 7.11

EX. WILDBLUE LAKE
SOUTH
C.E= 19.3'
87.17 AC.
(D.E., A.E., L.M.E.) 3

N
W E
S

0 15 30 60
SCALE IN FEET

CS-WBLS-1
(MODIFIED TYPE "H")
RIM = 20.50'
INV. E. = 14.30'

DG-68
TYPE "E" INLET TOP
RIM = 18.30'
INV. W. = 14.30'

33 L.F. OF 30" RCP

SPREADER
SWALE

7.12-N

SPREADER
SWALE

50 L.F. OF 30" RCP

CS-WBLS-2
(MODIFIED TYPE "H")
RIM = 20.50'
INV. E. = 14.30'

DG-81
TYPE "E" INLET TOP
RIM = 17.80'
INV. W. = 14.30'

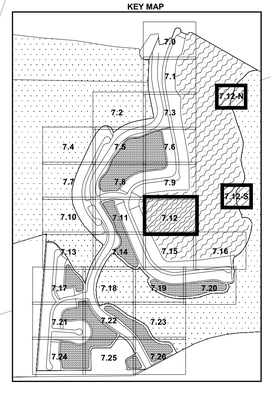
7.12-S

21.20
20.20
103 L.F. OF 8" ADS
21.10
21.20
MATCHLINE
PERIMETER BERM (TYP.) 2
MIN. EL. = 21.2
YD-26
20.20
LITTORAL AREA
(TYP.)
21.10
21.20
YD-27
20.20
EXISTING LAKE
CONTROL LINE 2
(TYP.)
20'
REAR LOT LINE 2
(TYP.)
6' D.E.
21.10
21.20
PROPOSED LAKE
CONTROL LINE 2
(TYP.)
103 L.F. OF 8" ADS
YD-28
21.20
20.20
134 L.F. OF 12" ADS
22.51
22.36
56
= 23.70'
57
E. = 23.50'

MATCHLINE

SEE SHEET 7.15

KEY MAP



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DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

MATCHLINE

SEE SHEET 7.10

SEE SHEET 7.14

FENCE TO TIE INTO EXISTING FARM FIELD LAKE CONTROL LINE

PROJECT BOUNDARY

PERIMETER BERM (TYP.) MIN. EL = 20.9'

CONSERVATION AREA MITIGATION AREA E

YD-53

YD-54

YD-67

156 L.F. OF 12" ADS

145 L.F. OF 12" ADS

138 L.F. OF 12" ADS

REAR LOT LINE (TYP.)

LOT LINE (TYP.)

TYPE "A" CURB (TYP.)

VALLEY GUTTER (TYP.)

8' CHAINLINK FENCE

WATERMAN CT. (PRIVATELY OWNED & MAINTAINED)

5' SIDEWALK (TYP.)

DH-37
TYPE "C" INLET TOP
RIM = 19.90'
INV. E. = 16.50'
INV. N. = 16.50'
INV. S. = 16.50'

DH-38
VALLEY GUTTER INLET
RIM = 20.30'
INV. W. = 16.40'
INV. E. = 11.70'

DH-39
VALLEY GUTTER INLET
RIM = 20.30'
INV. W. = 11.60'
INV. E. = 11.60'

DH-40
JUNCTION BOX
RIM = 20.10'
INV. W. = 11.50'
INV. S. = 11.50'
INV. N. = 18.40'

DH-41
24" HEADWALL
INV. N. = 11.40'

142 L.F. OF 18" RCP

21 L.F. OF 18" RCP

160 L.F. OF 24" RCP

60 L.F. OF 24" RCP

145 L.F. OF 8" ADS

15' D.E.

PROPOSED LAKE CONTROL LINE (TYP.)

256 F.F.E. = 22.80'

255 F.F.E. = 22.80'

254 F.F.E. = 22.80'

253 F.F.E. = 22.50'

252 F.F.E. = 22.30'

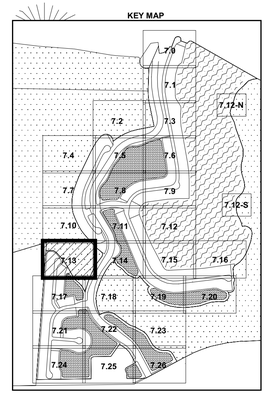
251 F.F.E. = 22.50'

176 F.F.E. = 23.00'

177 F.F.E. = 22.70'

178 F.F.E. = 22.50'

KEY MAP



PROJECT BOUNDARY

8' CHAINLINK FENCE

WILDLIFE CROSSING SEE SHEET 8.1 SECTION NUMBER "9"

8'x10' BOX CULVERT (WILDLIFE CROSSING) INV. = 17.50'

DUAL 36" INV. = 17.6

MATCHLINE

SEE SHEET 7.17

MATCHLINE

SEE SHEET 7.18

N

W E

S

0 15 30 60

SCALE IN FEET

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

PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A15.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:36 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.13

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

MATCHLINE

SEE SHEET 7.11

SEE SHEET 7.13

SEE SHEET 7.15

MATCHLINE

SEE SHEET 7.18

MATCHLINE

SEE SHEET 7.19

N

W E

S

0 15 30 60

SCALE IN FEET

138 L.F. OF 12" ADS

YD-52

TRACT BOUNDARY

PERIMETER BERM (TYP.)
MIN. EL. = 22.1'

SEE SUBDIVISION PLAT FOR TRACT DEDICATIONS INCLUDING LAKE MAINTENANCE

PROJECT BOUNDARY

CONSERVATION AREA
MITIGATION AREA E

8' CHAINLINK FENCE

WILDBLUE BLVD.
(PRIVATELY OWNED & MAINTAINED)

TYPE "A" CURB

TYPE "F" CURB

LITTORAL AREA = 1,198 S.F.

TRACT BOUNDARY

SEE SUBDIVISION PLAT FOR TRACT DEDICATIONS INCLUDING LAKE MAINTENANCE

5' SIDEWALK (TYP.)

79.01'

98.76'

DG-3
18" HEADWALL
INV. W. = 13.45'

200 L.F. OF
18" RCP

DG-1
TYPE "9" INLET TOP
RIM = 25.85'
INV. E. = 14.80'

40 L.F. OF 18" RCP

DUAL 36" MES (TYP.)
INV. = 17.00'

DG-2
TYPE "9" INLET TOP
RIM = 25.85'
INV. W. = 14.70'
INV. E. = 14.50'

PERIMETER BERM (TYP.)
MIN. EL. = 22.1'

LAKE G-2
C.E= 18.7'
4.29 AC.

LITTORAL AREA = 1,300 S.F.

(2) 166 L.F.
OF 36" RCP

8' CHAINLINK FENCE

DUAL 36" MES (TYP.)
INV. = 17.00'

PROPOSED LAKE CONTROL LINE (TYP.)

LITTORAL AREA = 4,384 S.F.

PROJECT BOUNDARY

CONSERVATION AREA
MITIGATION AREA J

KEY MAP

7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.12-N 7.12-S 7.13 7.14 7.15 7.16 7.17 7.18 7.19 7.20 7.21 7.22 7.23 7.24 7.25 7.26

F.F.E. = 23.70'

111
F.F.E. = 23.70'

110
F.F.E. = 23.60'

109
F.F.E. = 23.40'

108
F.F.E. = 23.20'

107
F.F.E. = 23.20'

106
F.F.E. = 23.40'

105
F.F.E. = 23.60'

104
F.F.E. = 23.70'

57
F.F.E. = 23.50'

AQUA SHORE DR.
(PRIVATELY OWNED & MAINTAINED)

VALLEY GUTTER (TYP.)

LOT LINE (TYP.)

REAR LOT LINE (TYP.)

DG-38
VALLEY GUTTER INLET
RIM = 21.20'
INV. E. = 16.80'
INV. W. = 16.00'

23 L.F. OF 24" RCP

DG-39
VALLEY GUTTER INLET
RIM = 21.20'
INV. E. = 15.90'
INV. W. = 13.70'

194 L.F. OF 30" RCP

15' D.E.

DG-40
30" HEADWALL
INV. E. = 12.45'

DG-78
24" HEADWALL
INV. S. = 12.95'

DG-77
JUNCTION BOX
RIM = 20.50'
INV. N. = 13.00'
INV. S. = 15.50'

49 L.F. OF 24" RCP

140 L.F. OF
24" RCP

CHAIN LINK FENCE

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LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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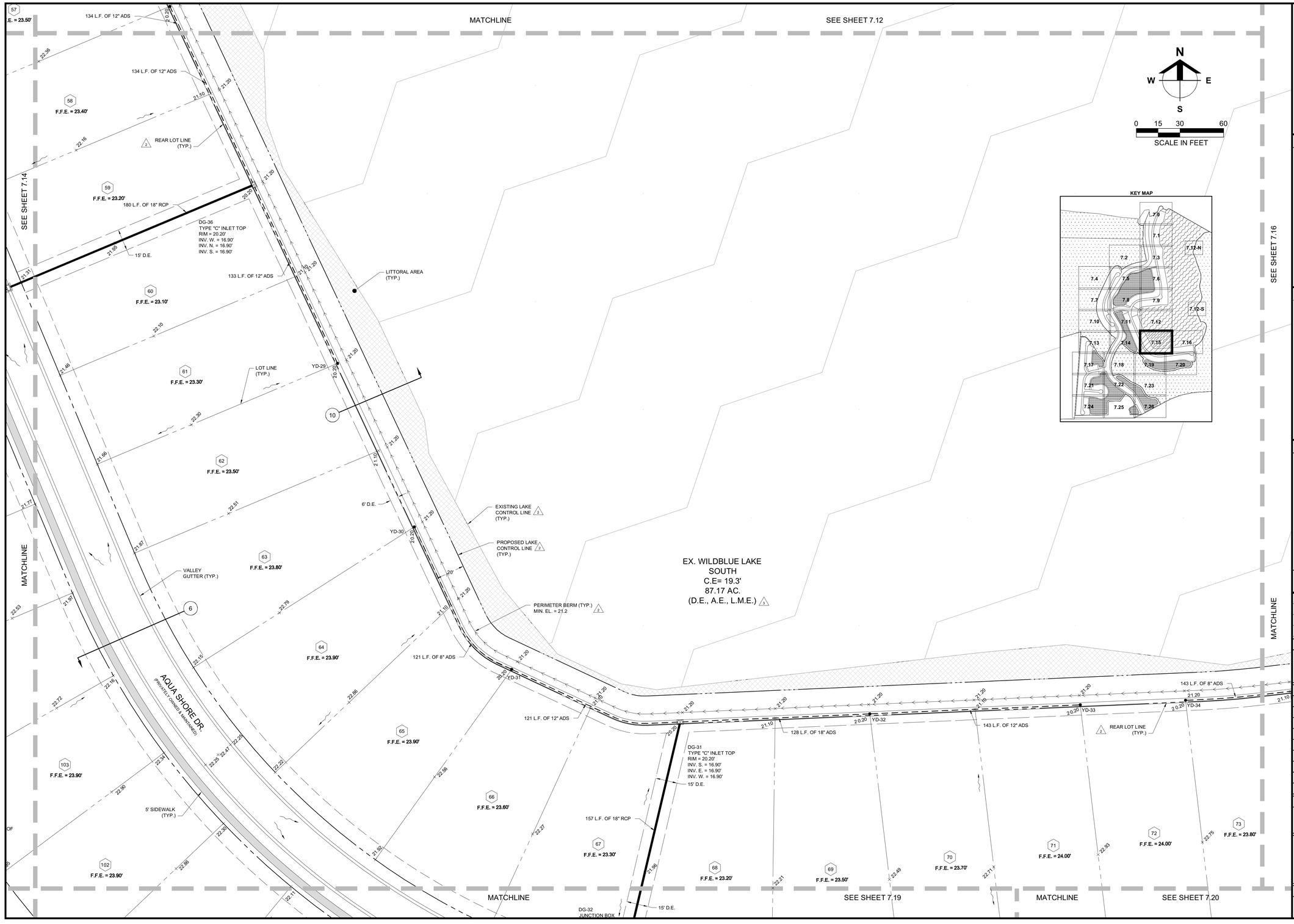
PLAN STATUS

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NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.14

APPROVED
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PLAN STATUS

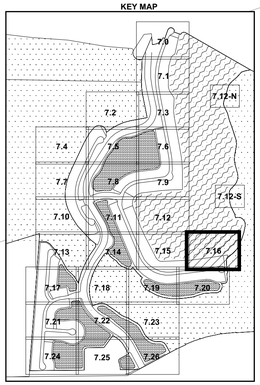
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DETAILED PAVING, GRADING AND DRAINAGE PLANS

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23526	C7.15

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DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

KEY MAP



SEE SHEET 7.15

EX. WILDBLUE LAKE
SOUTH
C.E= 19.3'
87.17 AC.
(D.E., A.E., L.M.E.) 3

N
W E
S

0 15 30 60
SCALE IN FEET

MATCHLINE

EXISTING LAKE CONTROL LINE (TYP.) 2

PROPOSED LAKE CONTROL LINE (TYP.) 2

LITTORAL AREA (TYP.)

PERIMETER BERM (TYP.) 2
MIN. EL. = 21.2

RIP-RAP BREAKWATER TO TERMINATE IN FACE OF PROPOSED BERM

143 L.F. OF 8" ADS

145 L.F. OF 12" ADS

145 L.F. OF 18" ADS

REAR LOT LINE (TYP.) 2

143 L.F. OF 12" ADS

70 L.F. OF 8" ADS

YD-35

YD-36

YD-37

YD-38

6' D.E.

DG-25
TYPE "C" INLET TOP
RIM = 20.20'
INV. S. = 16.90'
INV. E. = 16.90'
INV. W. = 16.90'

146 L.F. OF 18" RCP

LOT LINE (TYP.)

15' D.E.

DG-26
JUNCTION BOX
RIM = 21.45'
INV. N. = 16.80'
INV. S. = 16.80'

26 L.F. OF 18" RCP

VALLEY GUTTER (TYP.)

73 F.F.E. = 23.80'
74 F.F.E. = 23.50'
75 F.F.E. = 23.30'
76 F.F.E. = 23.10'
77 F.F.E. = 23.20'
78 F.F.E. = 23.40'
79 F.F.E. = 23.70'
80 F.F.E. = 24.00'
81 F.F.E. = 24.30'

AQUA SHORE DR.
(PRIVATELY OWNED & MAINTAINED)

MATCHLINE

SEE SHEET 7.20

TRACT BOUNDARY

PROJECT BOUNDARY

CONSERVATION AREA
MITIGATION AREA J

8' CHAINLINK FENCE 2

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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PREPARED FOR

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WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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2-19-18	DO COMMENTS DATED 2-16-18 2
4-8-18	DO COMMENTS DATED 4-4-18 3

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.16

N
W E
S
0 15 30 60
SCALE IN FEET

MATCHLINE

SEE SHEET 7.13

SEE SHEET 7.18

MATCHLINE

SEE SHEET 7.21

PROJECT BOUNDARY

CONSERVATION AREA
MITIGATION AREA E

LAKE H-1
C.E= 17.8'
1.83 AC.

WATERMAN CT.
(PRIVATELY OWNED & MAINTAINED)

AQUA VIEW LN.
(PRIVATELY OWNED & MAINTAINED)

251 F.F.E. = 22.50'
250 F.F.E. = 22.50'
249 F.F.E. = 22.50'
248 F.F.E. = 22.30'
247 F.F.E. = 22.30'
246 F.F.E. = 22.50'
245 F.F.E. = 22.60'
244 F.F.E. = 22.70'
243 F.F.E. = 22.70'
178 F.F.E. = 22.50'
179 F.F.E. = 22.50'
180 F.F.E. = 22.50'
181 F.F.E. = 22.30'
182 F.F.E. = 22.30'
183 F.F.E. = 23.00'
184 F.F.E. = 22.80'
185 F.F.E. = 22.60'
186 F.F.E. = 22.90'
187 F.F.E. = 23.30'
188 F.F.E. = 23.40'

145 L.F. OF 12" ADS
YD-55
PERIMETER BERM (TYP.)
YD-56
145 L.F. OF 12" ADS
PERIMETER BERM (TYP.) MIN. EL = 20.9'
DH-31 TYPE "C" INLET TOP RIM = 19.90' INV. N. = 16.50' INV. S. = 16.50' INV. E. = 16.50'
15' D.E.
153 L.F. OF 18" RCP
139 L.F. OF 18" ADS
PROJECT BOUNDARY
REAR LOT LINE (TYP.)
LOT LINE (TYP.)
YD-57
131 L.F. OF 12" ADS
YD-58
3' VALLEY GUTTER (TYP.)
YD-59
5' SIDEWALK (TYP.)
REAR LOT LINE (TYP.)
DH-34 JUNCTION BOX RIM = 20.65' INV. W. = 10.10' INV. E. = 10.10'
15' D.E.
40 L.F. OF 30" RCP
DH-32 VALLEY GUTTER INLET RIM = 20.30' INV. W. = 16.40' INV. E. = 10.30'
21 L.F. OF 24" RCP
DH-33 VALLEY GUTTER INLET RIM = 20.30' INV. W. = 10.20' INV. E. = 10.20'
125 L.F. OF 8" ADS
YD-68
VALLEY GUTTER (TYP.)
DH-35 30" HEADWALL INV. W. = 10.00'
162 L.F. OF 30" RCP
DH-30 30" HEADWALL INV. S. = 12.05'
PROPOSED LAKE CONTROL LINE (TYP.)
DH-36 TYPE "E" INLET TOP RIM = 17.50' INV. S. = 14.00'
SPREADER SWALE (SEE DETAIL)
31 L.F. OF 24" RCP
CS-H-1 CONTROL STRUCTURE INV. N. = 14.00' (SEE SHEET C18.0)
6' CHAINLINK FENCE
PERIMETER BERM (TYP.) MIN. EL = 20.9'
LITTORAL AREA = 1,914 S.F.
106 L.F. OF 18" RCP
DH-13 18" HEADWALL INV. E. = 12.55'
LITTORAL AREA = 3,847 S.F.
LOT LINE (TYP.)
187 L.F. OF 30" RCP
15' D.E.
REAR LOT LINE (TYP.)
DH-29 VALLEY GUTTER INLET RIM = 20.30' INV. S. = 12.90' INV. N. = 12.90'
22 L.F. OF 30" RCP
TYPE "F" CURB (TYP.)
TYPE "A" CURB (TYP.)
194 L.F. OF 30" RCP
DH-28 VALLEY GUTTER INLET RIM = 20.30' INV. S. = 12.80' INV. N. = 12.80'
PROPOSED LAKE CONTROL LINE (TYP.)
LITTORAL AREA = 5,008 S.F.
15' D.E.
32'
51.64'
52'

KEY MAP
7.9 7.1 7.12-N 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 7.12-S 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17 7.18 7.19 7.20 7.21 7.22 7.23 7.24 7.25 7.26

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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LEE COUNTY, FLORIDA

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NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.17

MATCHLINE SEE SHEET 7.14

MATCHLINE

SEE SHEET 7.14

CONSERVATION AREA
MITIGATION AREA E

WILDBLUE BLVD.
(PRIVATELY OWNED & MAINTAINED)

WILDLIFE CROSSING
SEE SHEET 8.1 SECTION
NUMBER "9"

8'x10' BOX CULVERT
(WILDLIFE CROSSING)
INV. = 17.50'

8' CHAINLINK
FENCE

PROJECT BOUNDARY

DUAL 36" MES (TYP.)
INV. = 17.00'

TYPE "F" CURB

SEE SHEET 7.17

RM (TYP.)

(2) 166 L.F.
OF 36" RCP

DUAL 36" MES (TYP.)
INV. = 17.00'

TYPE "A"
CURB

PROJECT BOUNDARY

DH-14
TYPE "9" INLET TOP
RIM = 26.44'
INV. W. = 15.20'
INV. E. = 17.90'

106 L.F. OF
18" RCP

PERIMETER BERM (TYP.)
MIN. EL = 20.9'

74 L.F. OF
18" RCP

DH-15
TYPE "9" INLET
TOP
RIM = 26.44'
INV. W. = 18.00'

CONSERVATION AREA
MITIGATION AREA J

MATCHLINE

1

2' RIBBON
CURB (TYP.)

8' CHAINLINK
FENCE

PERIMETER BERM (TYP.)
MIN. EL = 20.9'

STREET 800
(PRIVATELY OWNED & MAINTAINED)

SEE SUBDIVISION PLAT FOR
TRACT DEDICATIONS INCLUDING
LAKE MAINTENANCE

TRACT BOUNDARY

TYPE "A"
CURB (TYP.)

5' SIDEWALK
(TYP.)

54'

42'

8' CHAINLINK
FENCE

MATCHLINE

DH-12
TYPE "E" INLET TOP
RIM = 17.00'
INV. S. = 14.00'

SEE SHEET 7.22

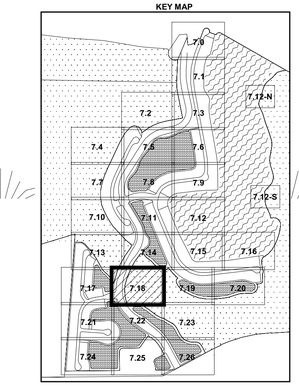
SEE SHEET 7.19

MATCHLINE

N
W E
S

0 15 30 60
SCALE IN FEET

KEY MAP



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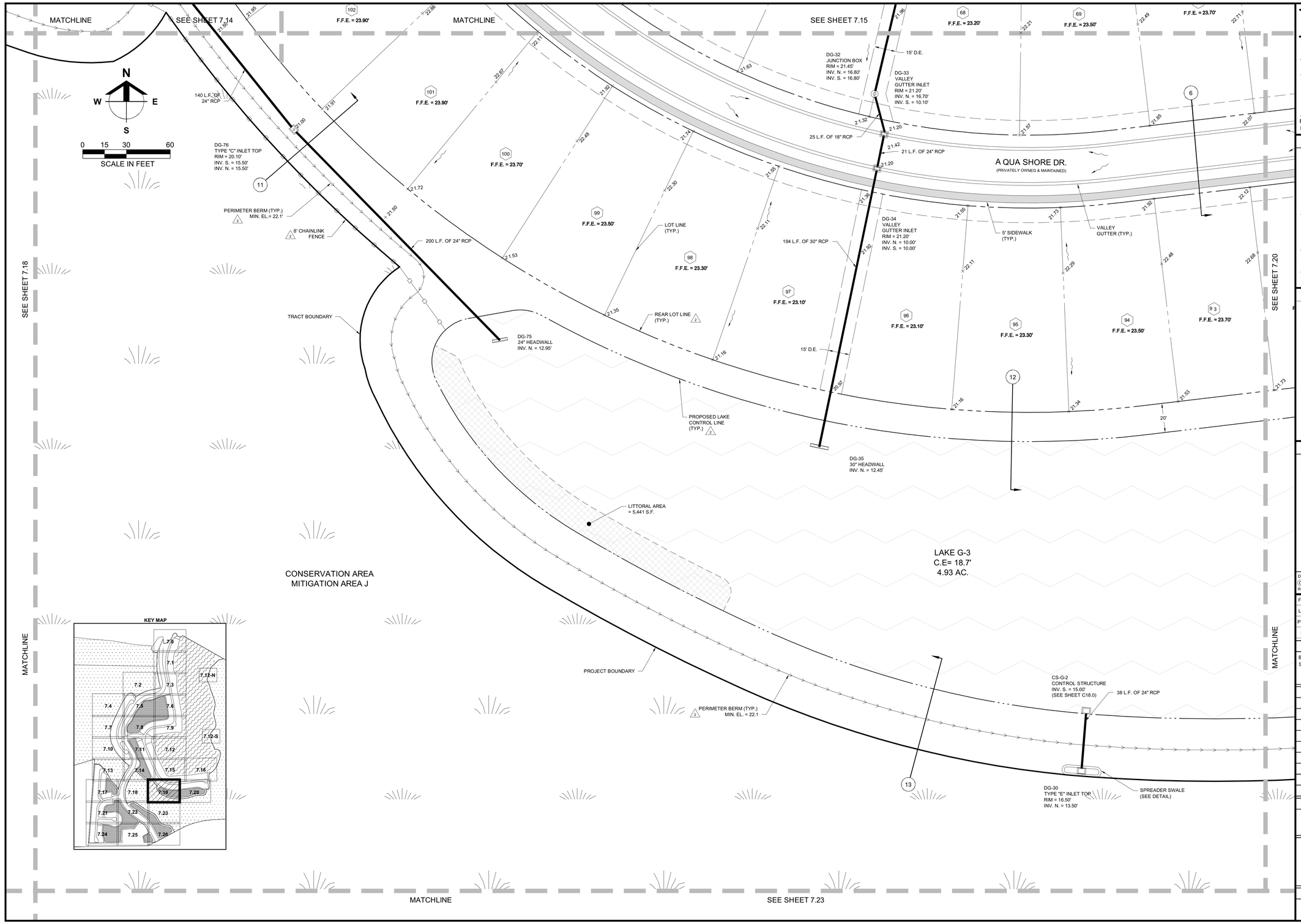
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Lee County Development Services
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FILE NAME	23526A15.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:37 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.19

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services

MATCHLINE

SEE SHEET 7.15

MATCHLINE

SEE SHEET 7.16

AQUA SHORE DR.
(PRIVATELY OWNED & MAINTAINED)

AQUA SHORE DR.
(PRIVATELY OWNED & MAINTAINED)

DG-27
VALLEY GUTTER INLET
RIM = 21.20'
INV. N. = 16.70'
INV. S. = 12.60'

21 L.F. OF 24" RCP

DG-28
VALLEY
GUTTER INLET
RIM = 21.20'
INV. N. = 12.50'
INV. S. = 12.50'

15' D.E.

194 L.F. OF 30" RCP

DG-29
30" HEADWALL
INV. N. = 11.95'

5' SIDEWALK
(TYP.)

TYPE "A"
CURB (TYP.)

VALLEY
GUTTER (TYP.)

LOT LINE
(TYP.)

REAR LOT LINE
(TYP.) 2

PROPOSED LAKE
CONTROL LINE
(TYP.) 2

20'

8' CHAINLINK
FENCE 2

LAKE G-3
C.E= 18.7'
4.93 AC.

LITTORAL AREA
= 4,468 S.F.

LITTORAL AREA
= 2,954 S.F.

PERIMETER BERM (TYP.)
MIN. EL. = 22.1 2

PROJECT BOUNDARY

CONSERVATION AREA
MITIGATION AREA J

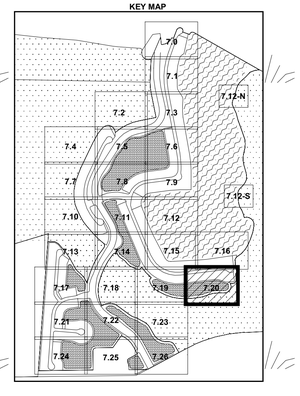
SEE SHEET 7.19

MATCHLINE

6 12 13 15

83 F.F.E. = 23.90'
84 F.F.E. = 23.70'
85 F.F.E. = 23.40'
86 F.F.E. = 23.20'
87 F.F.E. = 23.20'
88 F.F.E. = 23.40'
89 F.F.E. = 23.60'
90 F.F.E. = 23.80'
91 F.F.E. = 23.90'
92 F.F.E. = 23.90'
82 F.F.E. = 24.20'

KEY MAP



N
W E
S

0 15 30 60
SCALE IN FEET

Barraco and Associates, Inc.
CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING - LANDSCAPE DESIGN
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

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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PLOT BY	PEYTON GAUSE

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 2

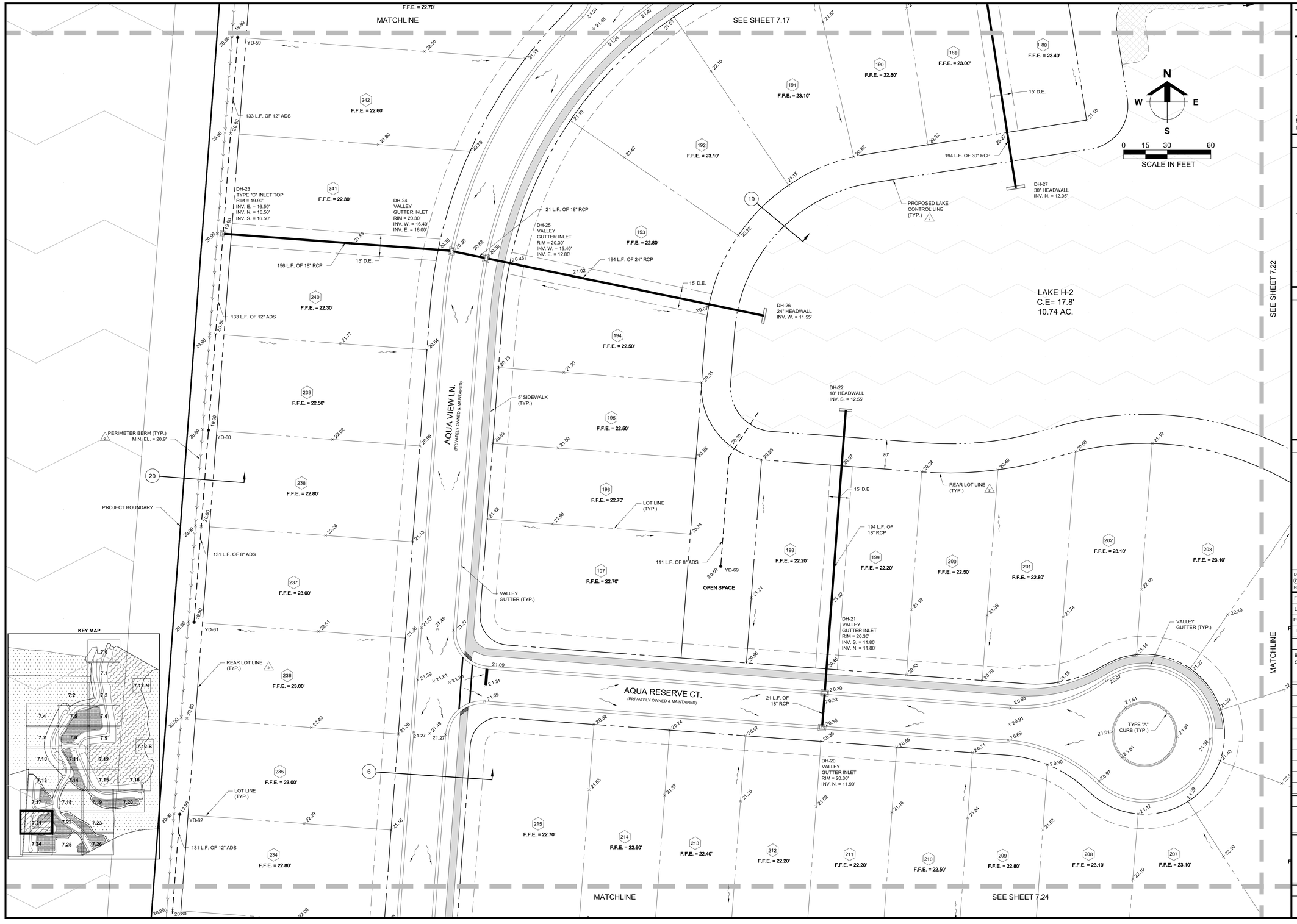
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.20

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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PLOT DATE	TUE. 4-10-2018 - 3:38 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.21

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

MATCHLINE

SEE SHEET 7.18

SEE SHEET 7.21

SEE SHEET 7.23

MATCHLINE

MATCHLINE

SEE SHEET 7.25

8' CHAINLINK FENCE

DH-12
TYPE "E" INLET TOP
RIM = 17.00'
INV. S. = 14.00'

SPREADER SWALE
(SEE DETAIL)

31 L.F. OF
24" RCP

DH-10
TYPE "S" INLET TOP
RIM = 20.30'
INV. W. = 15.00'
INV. E. = 15.00'

DH-11
24" HEADWALL
INV. W. = 12.05'

CS-H-2
CONTROL STRUCTURE
INV. N. = 14.00'
(SEE SHEET C18.0)

PROJECT BOUNDARY

PERIMETER BERM (TYP.)
MIN. EL. = 20.9'

86 L.F. OF
24" RCP

75 L.F. OF
24" RCP

DH-9
TYPE "S" INLET TOP
RIM = 20.30'
INV. W. = 15.00'
INV. E. = 15.00'

73 L.F. OF 24" RCP

DH-8
24" HEADWALL
INV. E. = 12.05'

TYPE "F" CURB

TYPE "A" CURB

BRICK PAVERS (TYP.)

WILDBLUE BLVD.
(PRIVATE), OWNED & MAINTAINED

PROPOSED LAKE
CONTROL LINE
(TYP.)

CONSERVATION AREA
MITIGATION AREA J

LAKE H-4
C.E= 17.8'
5.66 AC.

SEE SUBDIVISION PLAT FOR
TRACT DEDICATIONS INCLUDING
LAKE MAINTENANCE

TRACT BOUNDARY

PROPOSED LAKE
CONTROL LINE
(TYP.)

LAKE H-2
C.E= 17.8'
10.74 AC.

TYPE "D" CURB (TYP.)

5' SIDEWALK
(TYP.)

GUARD
HOUSE

2' RIBBON CURB (TYP.)

TYPE "A" CURB

TYPE "F" CURB

LITTORAL AREA
= 7,884 S.F.

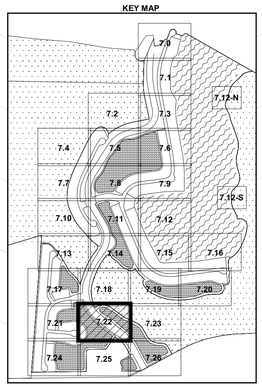
REAR LOT LINE
(TYP.)

204
F.F.E. = 23.10'

205
F.F.E. = 23.10'

206
F.F.E. = 23.10'

KEY MAP



APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

Pulte Homes

PULTE HOME CORPORATION
24311 WALDEN CENTER DRIVE
SUITE 300
BONITA SPRINGS, FLORIDA 34134

PHONE (239) 498-7711
FAX (239) 498-7707

WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.22

MATCHLINE

SEE SHEET 7.19

SEE SHEET 7.22

CONSERVATION AREA
MITIGATION AREA J

N
W E
S

0 15 30 60
SCALE IN FEET

17

LITTORAL AREA
= 6,068 S.F.

5

LAKE H-4
C.E= 17.8'
5.66 AC.

PERIMETER BERM (TYP.) 2
MIN. EL. = 20.9'

PROPOSED LAKE
CONTROL LINE
(TYP.) 2

63 L.F. OF 24" RCP

DH-7
24" HEADWALL
INV. W. = 12.55'

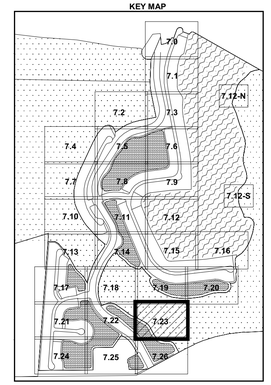
44'
32' 2

20' ACCESS

MATCHLINE

SEE SHEET 7.26

KEY MAP



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PREPARED FOR

PULTE HOME CORPORATION
24311 WALDEN CENTER DRIVE
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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	PEYTON GAUSE

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PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 2

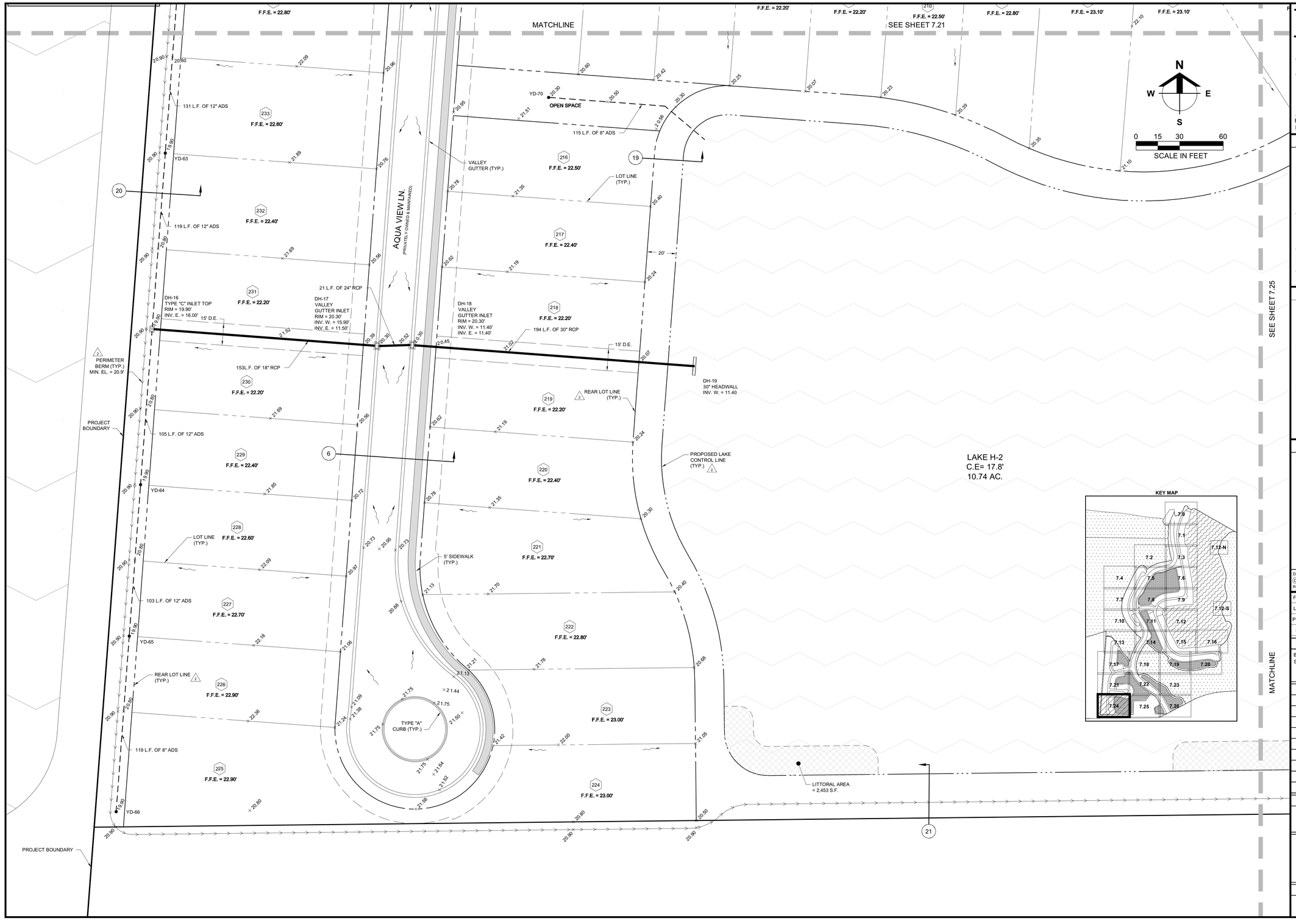
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.23

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.24

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

F.F.E. = 23.10'

MATCHLINE

SEE SHEET 7.22

N

W E

S

0 15 30 60

SCALE IN FEET

19

21.10

LAKE H-2
C.E= 17.8'
10.74 AC.

5

PROPOSED LAKE CONTROL LINE (TYP.) 2

LITTORAL AREA = 7,884 S.F.

2 PERIMETER BERM (TYP.) MIN. EL. = 20.9'

PROJECT BOUNDARY

SEE SHEET 7.24

SEE SHEET 7.26

DH-5
TYPE "9" INLET TOP
RIM = 20.30'
INV. E. = 16.80'

75 L.F. OF 18" RCP

20.30

20.68

2.0.41

2.0.68

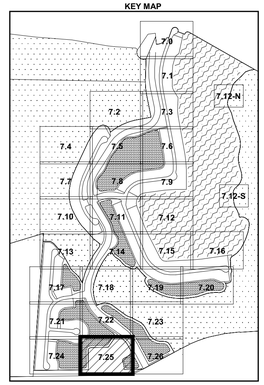
FUTURE
DEVELOPMENT

21

MATCHLINE

LITTORAL AREA = 5,263 S.F.

KEY MAP



PROPOSED LAKE CONTROL LINE (TYP.) 2

LAKE H-3
C.E= 17.8'
0.77 AC.

LITTORAL AREA = 2,939 S.F.

MATCHLINE

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PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 2

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C7.25

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

MATCHLINE

SEE SHEET 7.23

SEE SHEET 7.25

MATCHLINE

N

W E

S

0 15 30 60

SCALE IN FEET

LAKE H-4
C.E= 17.8'
5.66 AC.

LAKE H-3
C.E= 17.8'
0.77 AC.

WILDBLUE BLVD.
(PRIVATELY OWNED & MAINTAINED)

PERIMETER BERM (TYP.) ▽2
MIN. EL. = 20.9'

PROJECT BOUNDARY

PROPOSED LAKE CONTROL LINE (TYP.) ▽2

LITTORAL AREA
= 5,674 S.F.

LITTORAL AREA
= 2,755 S.F.

DH-6
TYPE "9" INLET TOP
RIM = 20.30'
INV. W. = 16.70'
INV. E. = 14.00'

TYPE "F" CURB

TYPE "A" CURB

63 L.F. OF 24" RCP

DH-4
24" HEADWALL
INV. W. = 12.05'

2' RIBBON CURB (TYP.)

75 L.F. OF 24" RCP

DH-3
TYPE "9" INLET TOP
RIM = 20.30'
INV. W. = 13.50
INV. E. = 13.50'

DH-2
TYPE "9" INLET TOP
RIM = 20.30'
INV. W. = 13.50'
INV. E. = 13.50'

73 L.F. OF 24" RCP

DH-1
24" HEADWALL
INV. E. = 12.05

32' ▽2

44.03'

42' ▽2

54'

5' SIDEWALK (TYP.)

DH-46
TYPE "H" INLET TOP
RIM = 18.5'
INV. S. = 9.70'

DH-45
TYPE "H" JUNCTION BOX
RIM = 21.0'
INV. N. = 9.70'
INV. S. = 15.50' (2)
INV. W. = 15.0'

(2) 28 L.F. OF 29"x45" ERCP TO BE EXTENDED

104 L.F. OF 29"X45" ERCP

EX. 29"x45" MES (TO BE REMOVED)

DH- 44
TYPE "6" INLET TOP
RIM = 20.56'
INV. W. = 15.0'
INV. E. =15.0'

116 L.F. OF 29"X45" ERCP

DH-42
TYPE "C" INLET TOP
RIM = 17.65'
INV. E. = 9.70'

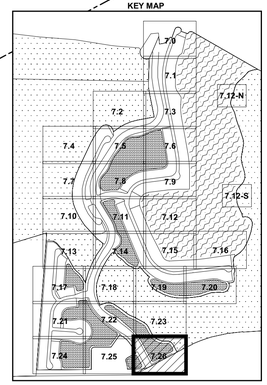
DH- 43
TYPE "6" INLET TOP
RIM = 20.57'
INV. W. = 9.70'
INV. E. =15.0'

43 L.F. OF 29"X45" ERCP

PROPOSED LAKE CONTROL LINE (TYP.) ▽2

1010+00
1011+00
1012+00
1013+00
1014+00
1015+00
1016+00

KEY MAP



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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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SURVEY = 23372S00.DWG

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 ▽2

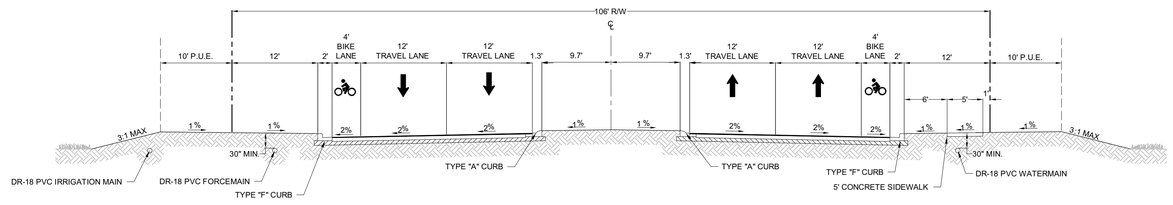
PLAN STATUS

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NOT FOR CONSTRUCTION

DETAILED PAVING, GRADING AND DRAINAGE PLANS

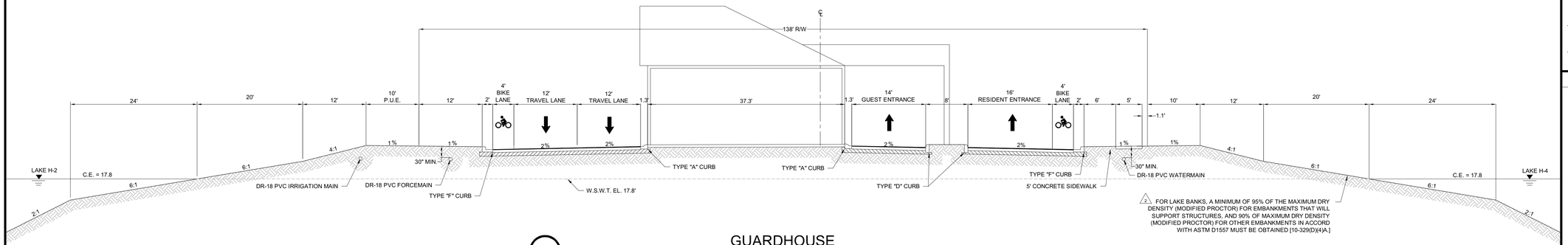
PROJECT / FILE NO.	SHEET NUMBER
23526	C7.26

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



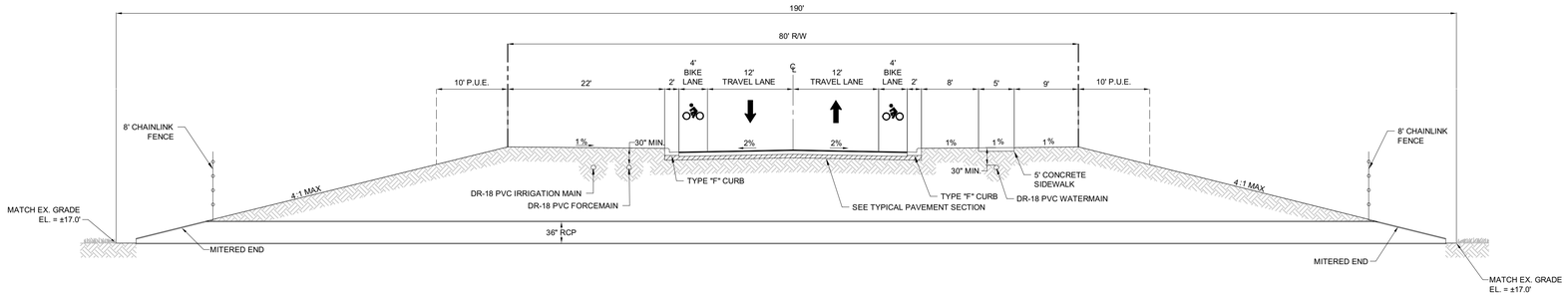
1 TYPICAL 106' RIGHT OF WAY

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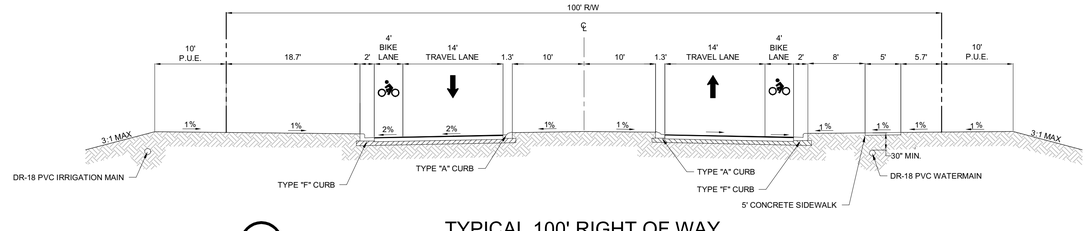
2 GUARDHOUSE

N.T.S.



3 TYPICAL 80' RIGHT OF WAY AT 36" CULVERT CROSSING

N.T.S.



4 TYPICAL 100' RIGHT OF WAY

N.T.S.

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

PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A18.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:39 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 1

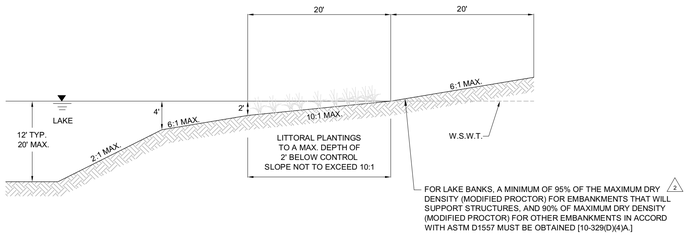
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

TYPICAL SECTIONS

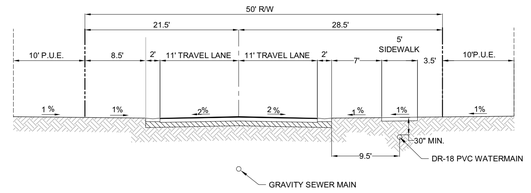
PROJECT / FILE NO.	SHEET NUMBER
23526	C8.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



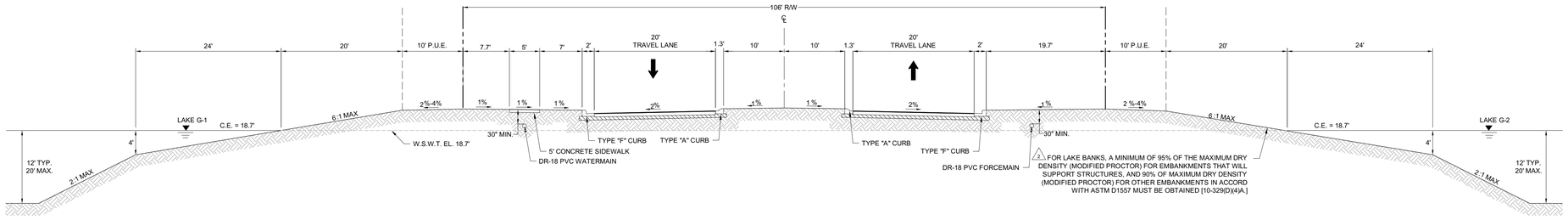
5 LAKE LITTORAL ZONE

N.T.S.



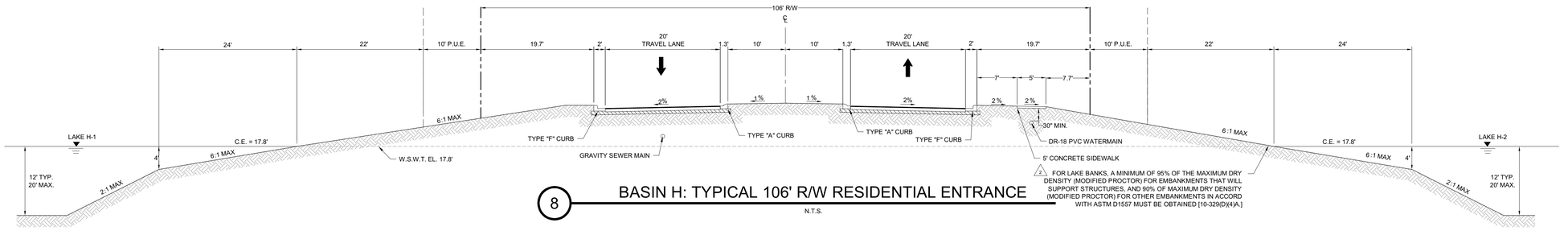
6 TYPICAL 50' RIGHT OF WAY SECTION

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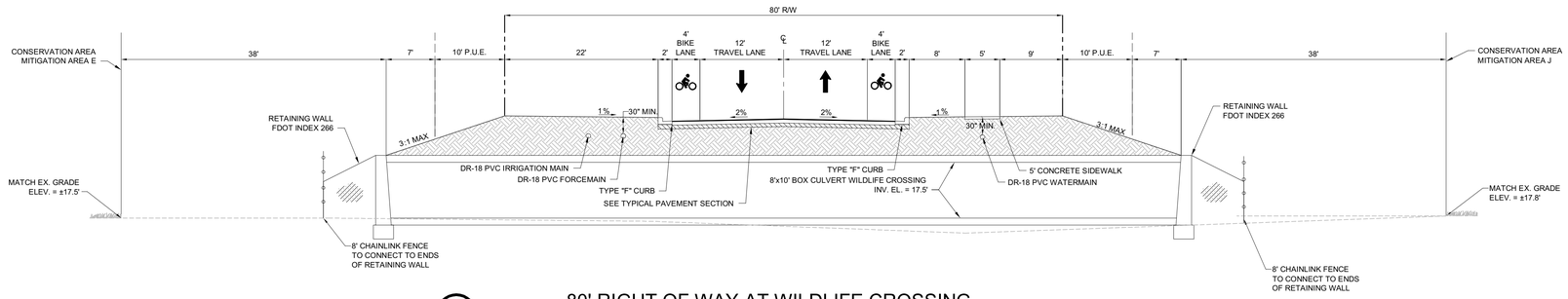
7 BASIN G: TYPICAL 106' R/W RESIDENTIAL ENTRANCE

N.T.S.



8 BASIN H: TYPICAL 106' R/W RESIDENTIAL ENTRANCE

N.T.S.



9 80' RIGHT OF WAY AT WILDLIFE CROSSING

N.T.S.

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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FLORIDA P.E. NO. 38536 - CARLB@BARRACO.NET

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PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 2

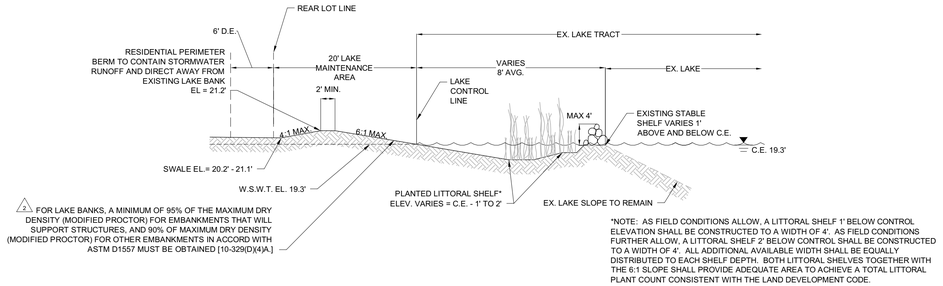
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

TYPICAL SECTIONS

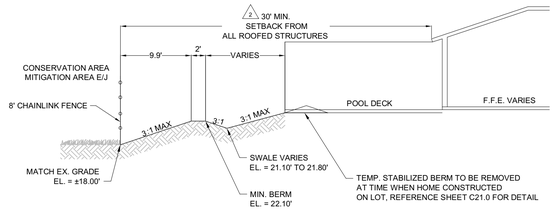
PROJECT / FILE NO.	SHEET NUMBER
23526	C8.1

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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

N.T.S.

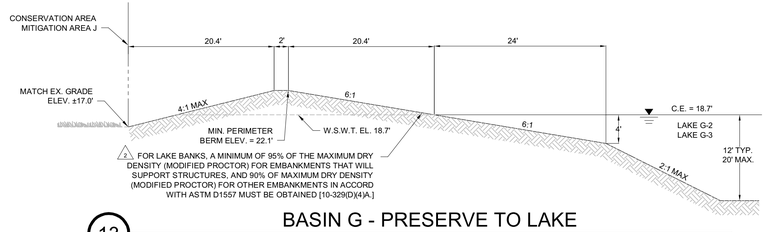


11 BASIN G: PRESERVE TO SINGLE-FAMILY

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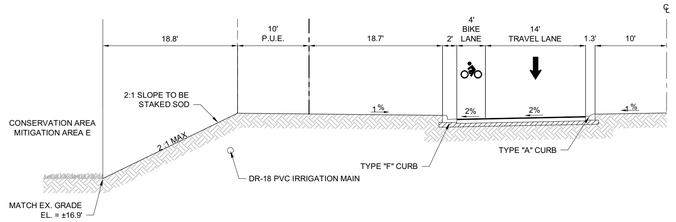
12 BASIN G: SINGLE-FAMILY TO LAKE

N.T.S.



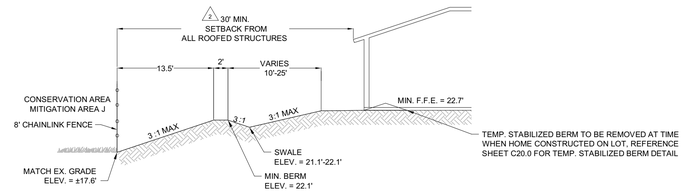
13 BASIN G - PRESERVE TO LAKE

N.T.S.



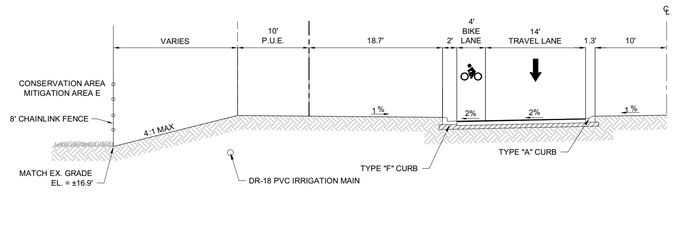
14 BASIN G: PRESERVE CORNER TO RIGHT OF WAY

N.T.S.



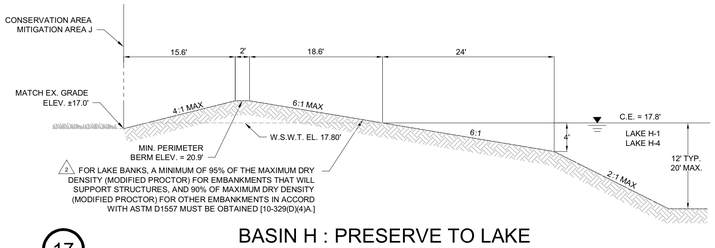
15 BASIN G - PRESERVE TO SINGLE-FAMILY SIDE LOT

N.T.S.



16 BASIN G: PRESERVE TO RIGHT OF WAY

N.T.S.



17 BASIN H : PRESERVE TO LAKE

N.T.S.

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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FLORIDA P.E. NO. 38536 - CARLB@BARRACO.NET

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FILE NAME	23526A18.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:40 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)

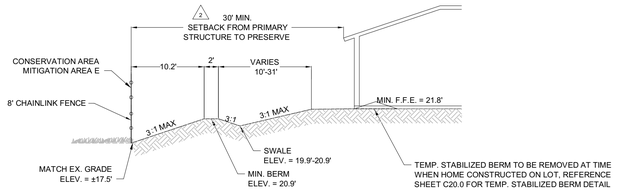
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

TYPICAL SECTIONS

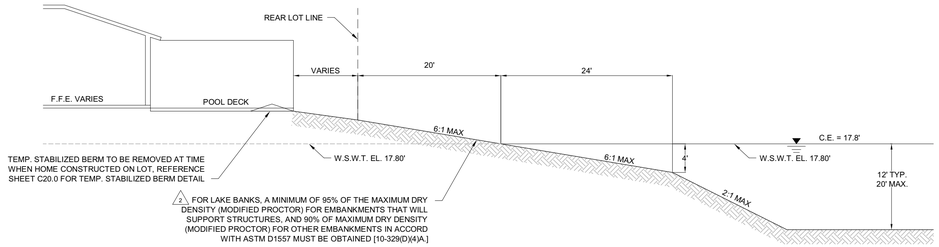
PROJECT / FILE NO.	SHEET NUMBER
23526	C8.2

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



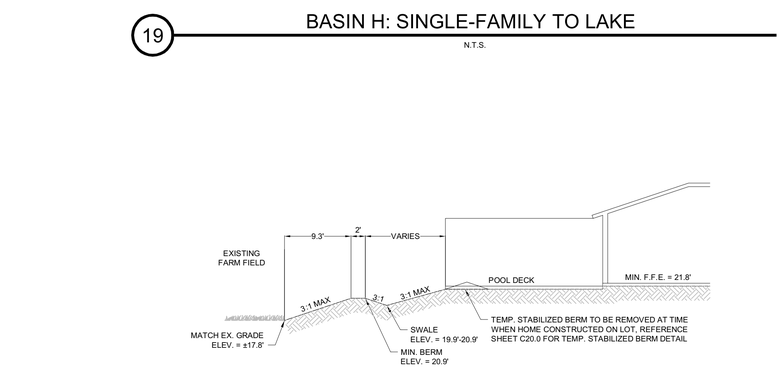
18 BASIN H - PRESERVE TO SINGLE-FAMILY SIDE LOT

N.T.S.



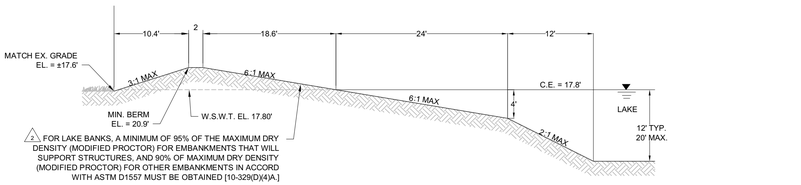
19 BASIN H: SINGLE-FAMILY TO LAKE

N.T.S.



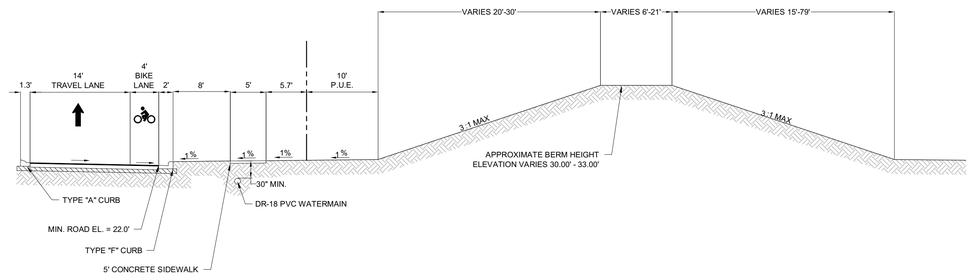
20 BASIN H -EXISTING FARM FIELD TO SINGLE- FAMILY

N.T.S.



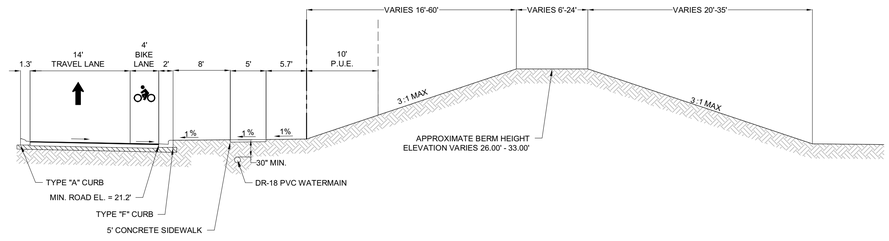
21 BASIN H: EXISTING GROUND TO LAKE

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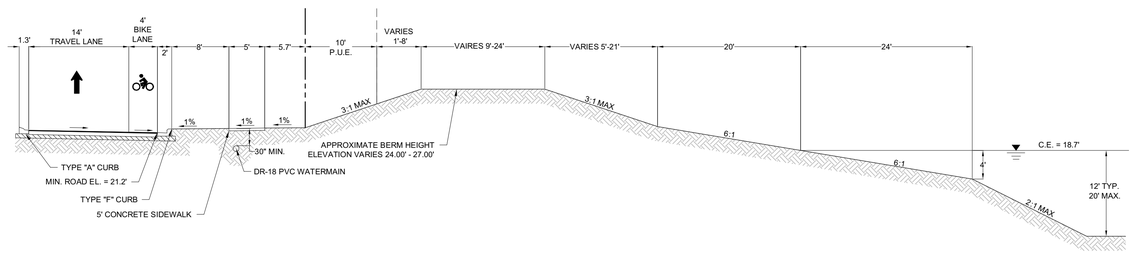
22 BASIN F: ROADWAY TO BERM

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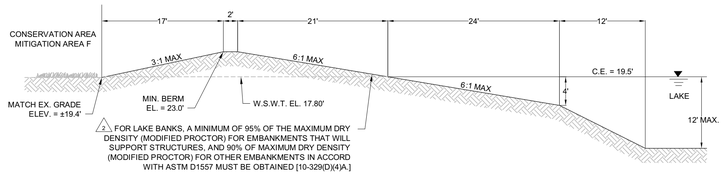
23 BASIN G: ROADWAY TO BERM

N.T.S.



24 BASIN G: ROADWAY TO BERM TO LAKE

N.T.S.



25 BASIN F: PRESERVE TO LAKE

N.T.S.

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PREPARED FOR

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:40 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 1

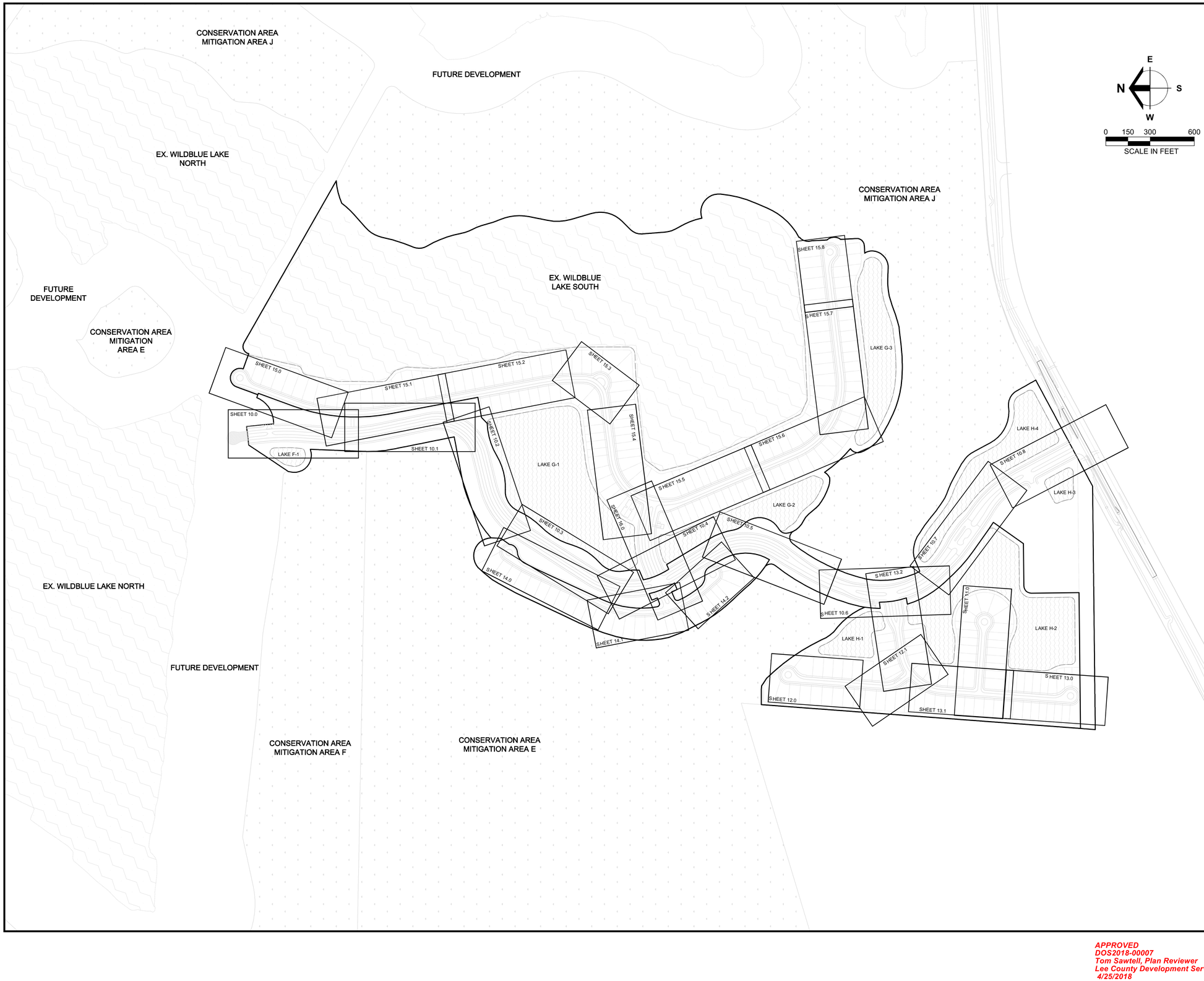
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

TYPICAL SECTIONS

PROJECT / FILE NO.	SHEET NUMBER
23526	C8.3

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DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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PLAN REVISIONS

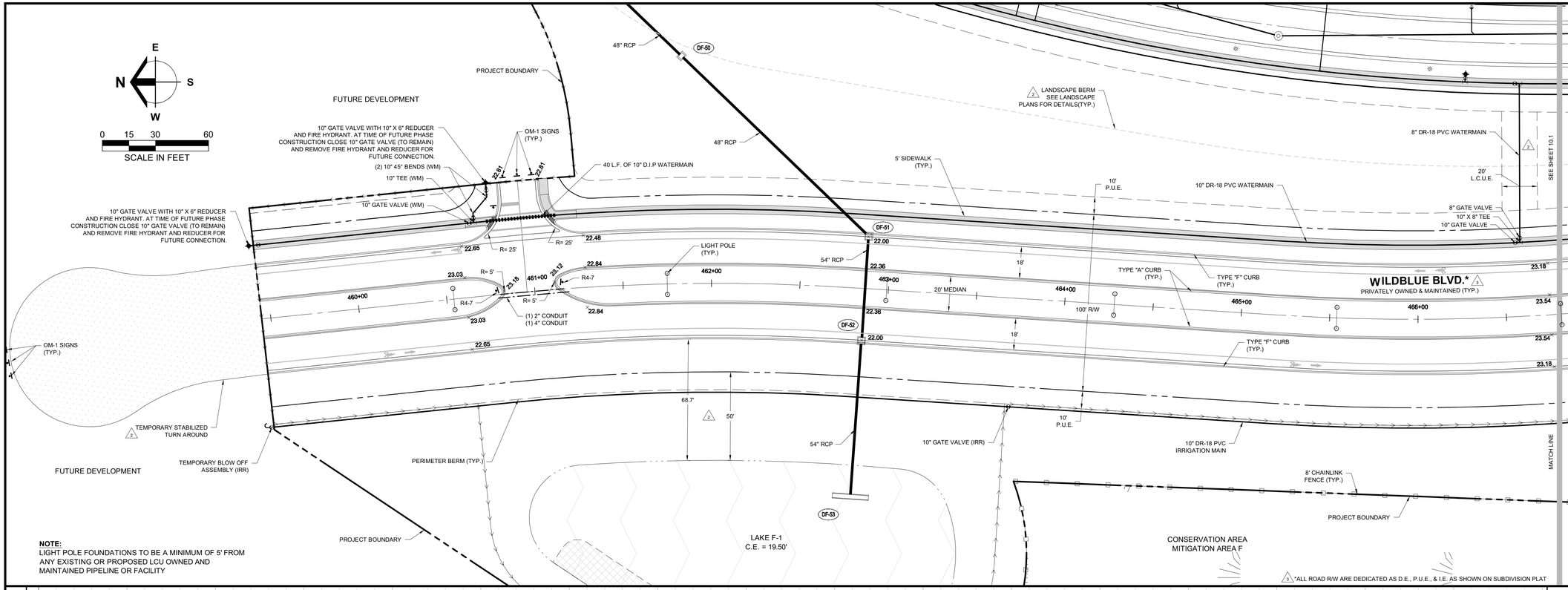
PLAN STATUS

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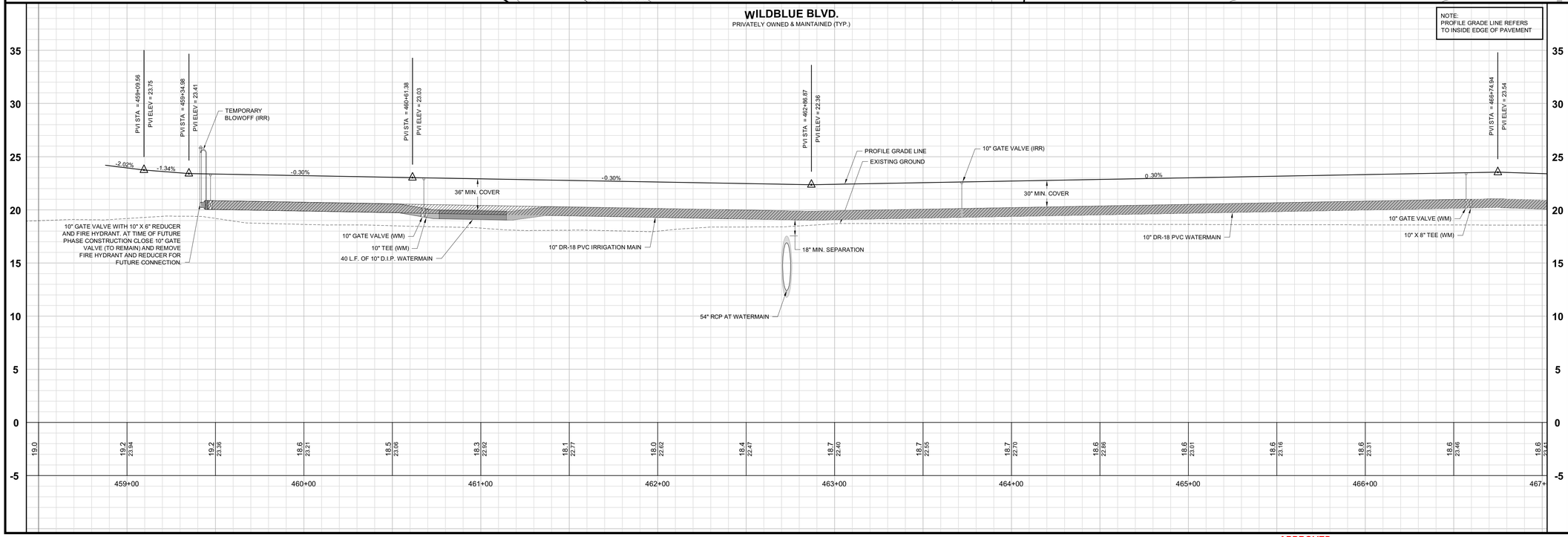
PLAN AND
PROFILE
KEY SHEET

PROJECT / FILE NO.	SHEET NUMBER
23526	C9.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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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PLOT BY	PEYTON GAUSE

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PLAN REVISIONS

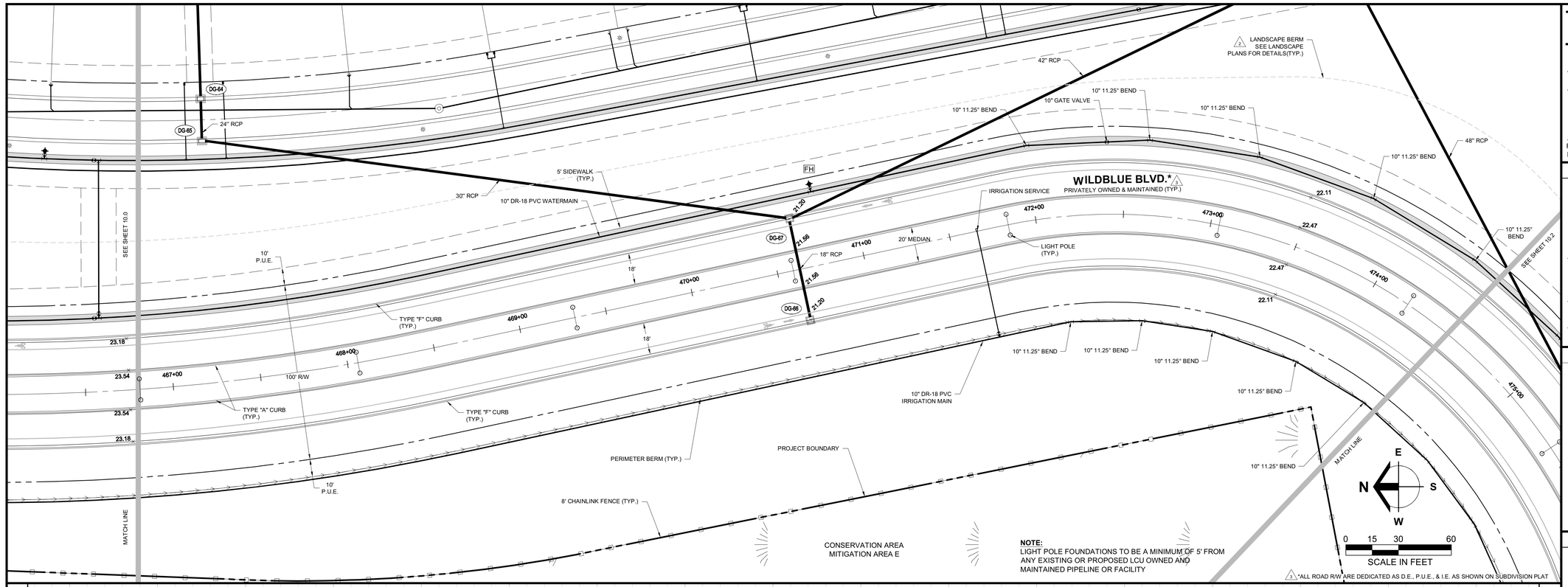
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4-8-18	DO COMMENTS DATED 4-4-18 (3)

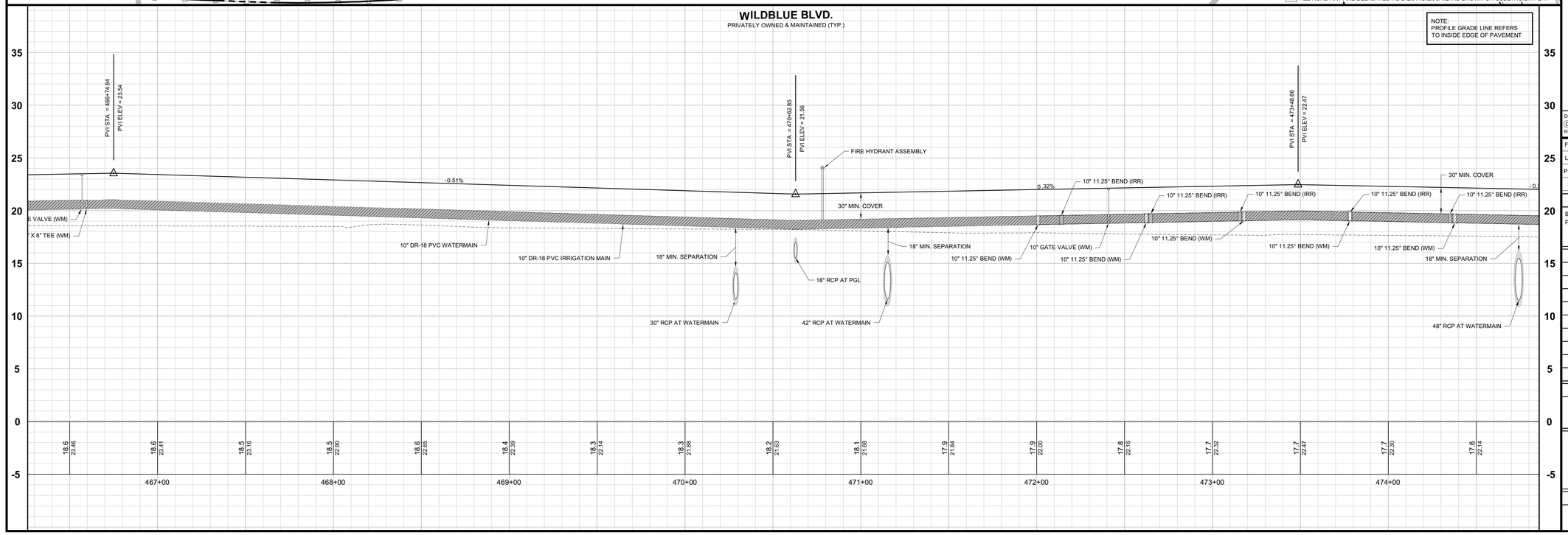
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

PLAN AND PROFILE WILDBLUE BLVD. STA: 459+45 TO 466+80

PROJECT / FILE NO.	SHEET NUMBER
23526	C10.0





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ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
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FILE NAME	23526A30A.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:41 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

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4-8-18	DO COMMENTS DATED 4-4-18 (3)

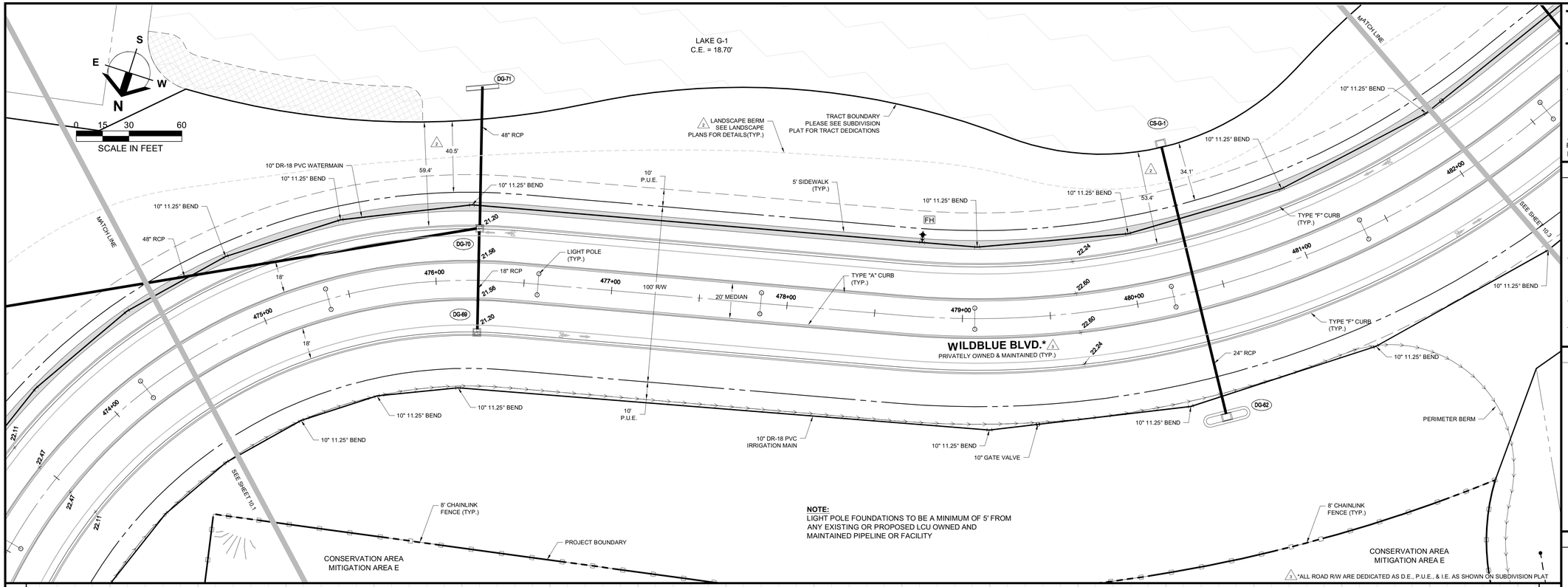
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

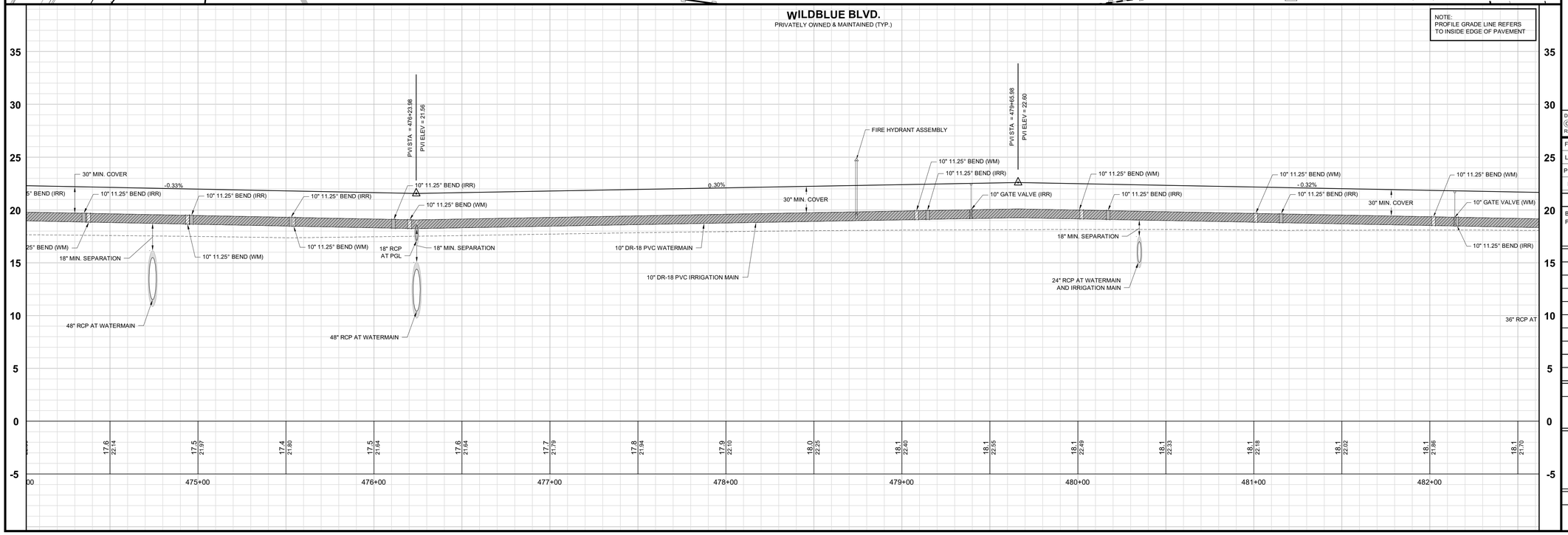
PLAN AND PROFILE WILDBLUE BLVD. STA: 466+80 TO 474+50

PROJECT / FILE NO.	SHEET NUMBER
23526	C10.1

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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

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24311 WALDEN CENTER DRIVE
SUITE 300
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PHONE (239) 498-7711
FAX (239) 498-7707
WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:41 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

PLAN STATUS

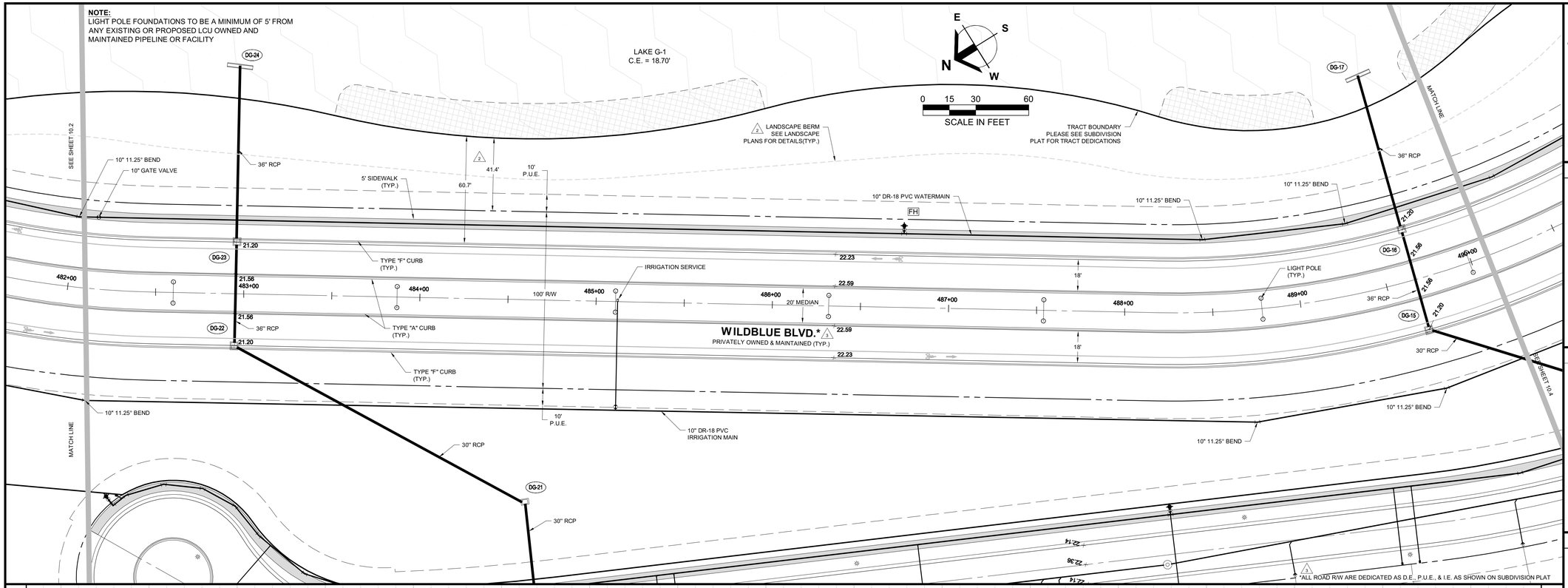
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

PLAN AND PROFILE WILDBLUE BLVD. STA: 474+50 TO 482+10

PROJECT / FILE NO.	SHEET NUMBER
23526	C10.2

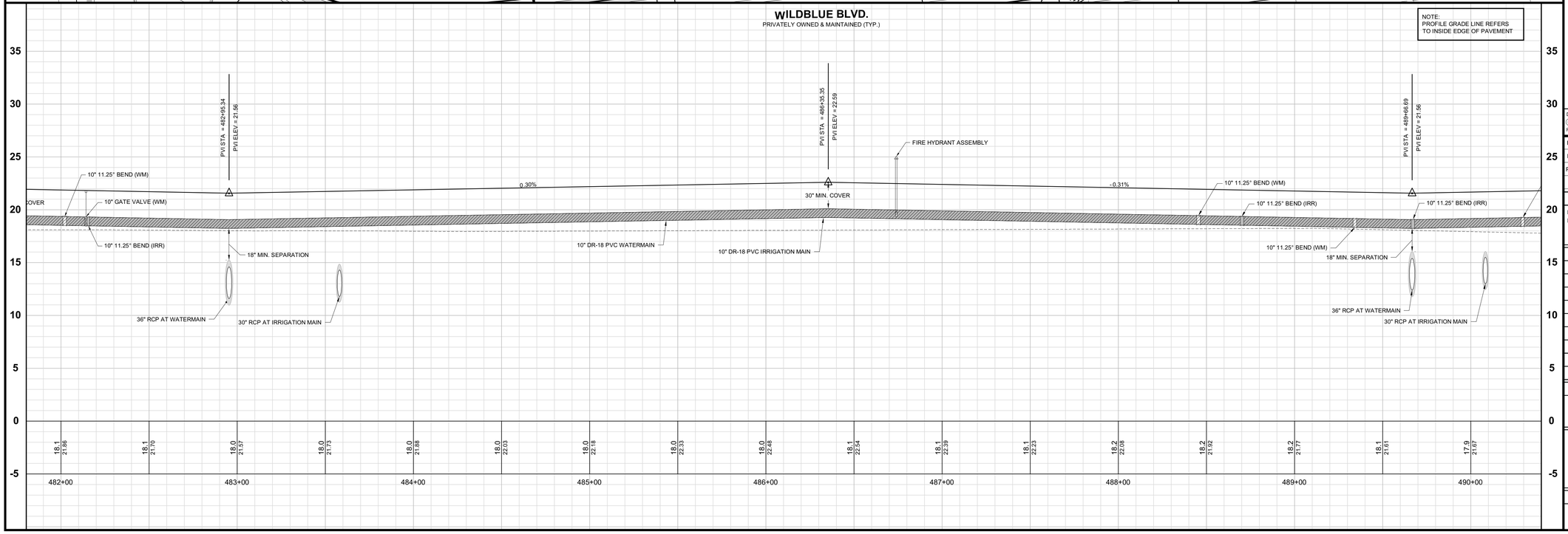
APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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



WILDBLUE BLVD.
PRIVATELY OWNED & MAINTAINED (TYP.)

NOTE:
PROFILE GRADE LINE REFERS TO INSIDE EDGE OF PAVEMENT



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WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:41 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

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4-8-18	DO COMMENTS DATED 4-4-18 (3)

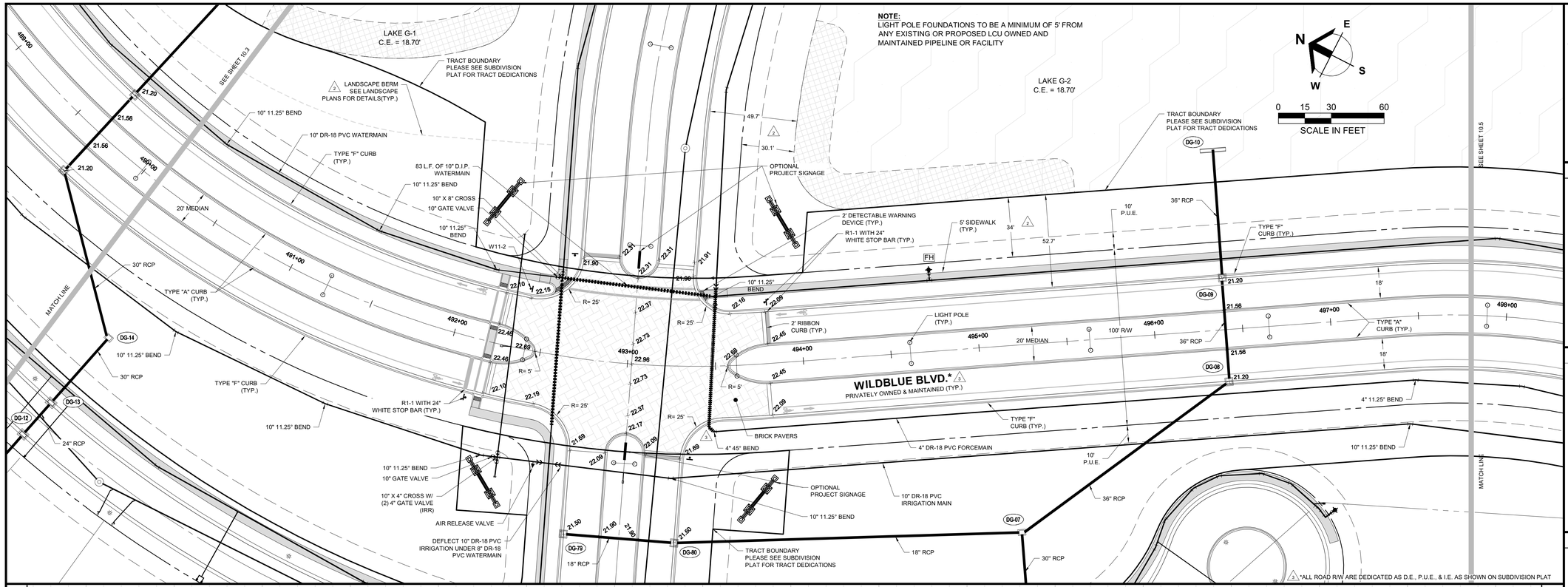
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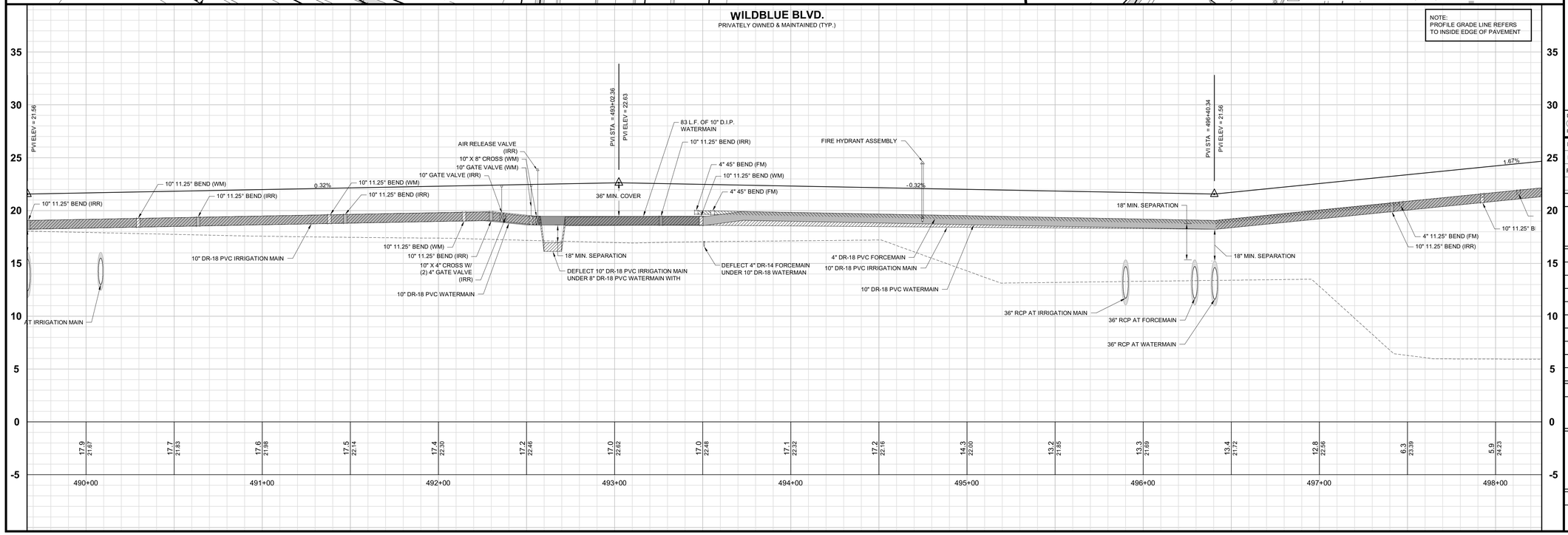
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

PLAN AND PROFILE WILDBLUE BLVD. STA: 482+10 TO 490+10

PROJECT / FILE NO.	SHEET NUMBER
23526	C10.3

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Tom Sawtell, Plan Reviewer
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ENGINEERING 7995 - SURVEYING LB-6940

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 4:25 PM
PLOT BY	GUY SAPEN

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

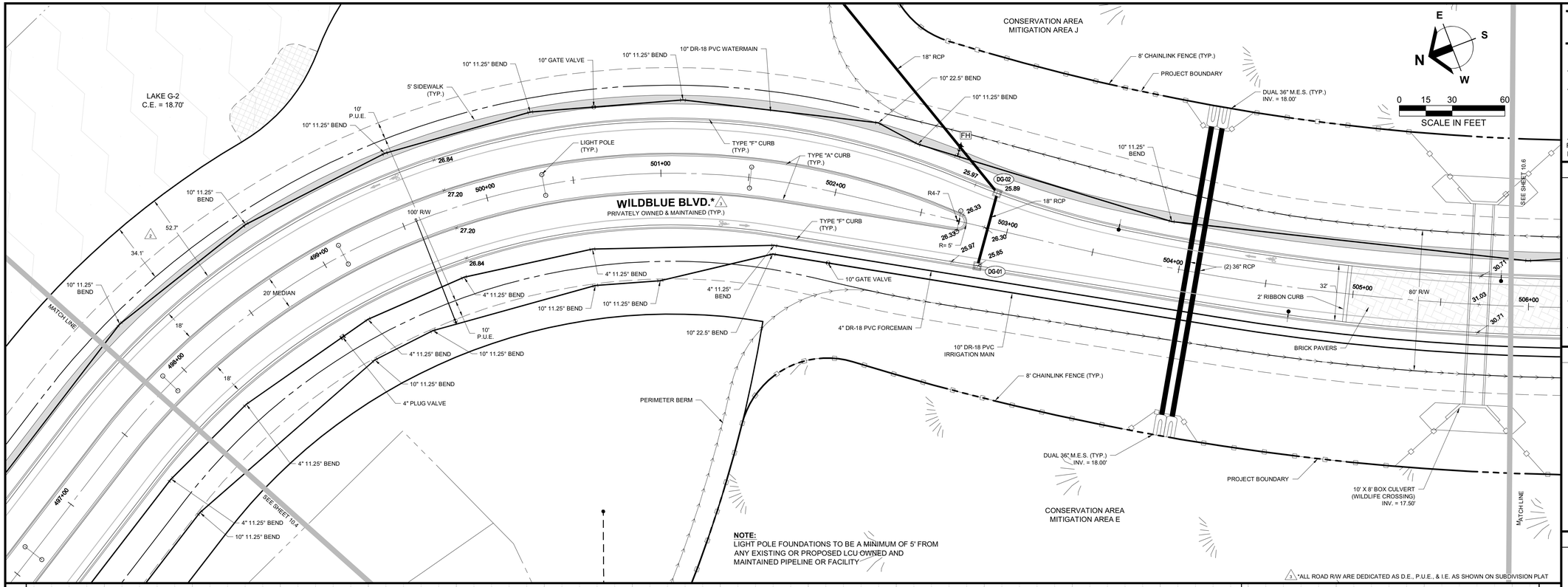
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

PLAN AND PROFILE WILDBLUE BLVD. STA: 490+10 TO 497+80

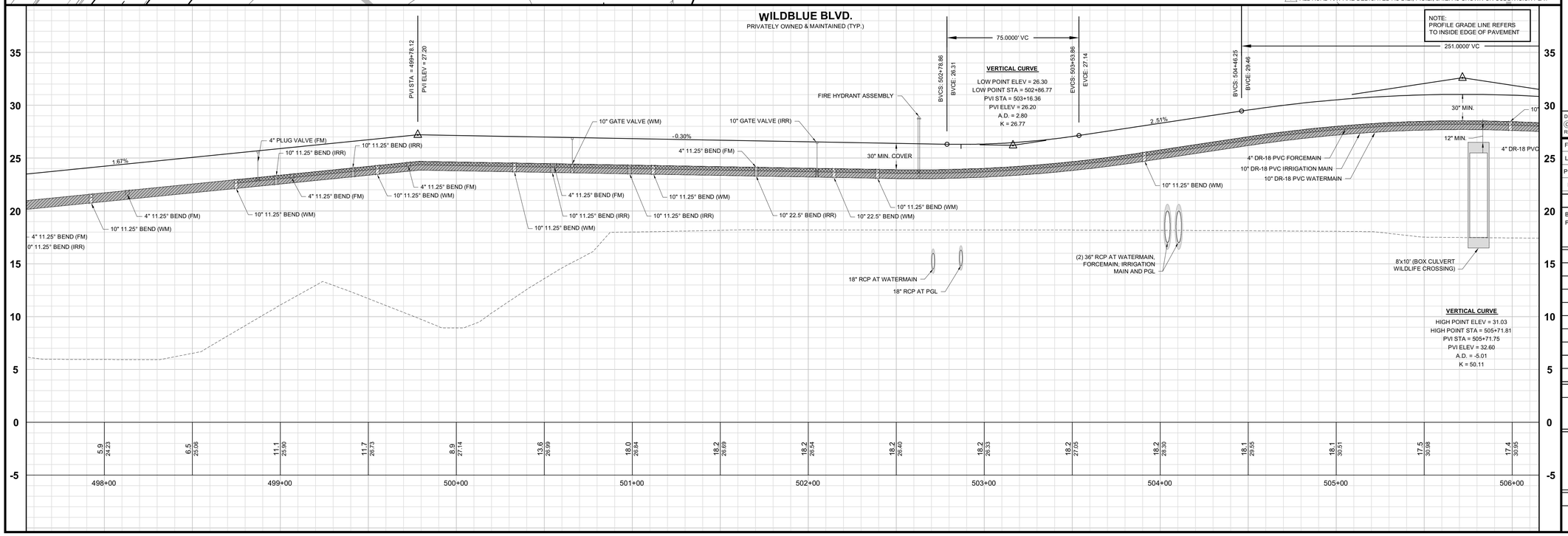
PROJECT / FILE NO.	SHEET NUMBER
23526	C10.4

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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) 498-7711
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WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:42 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

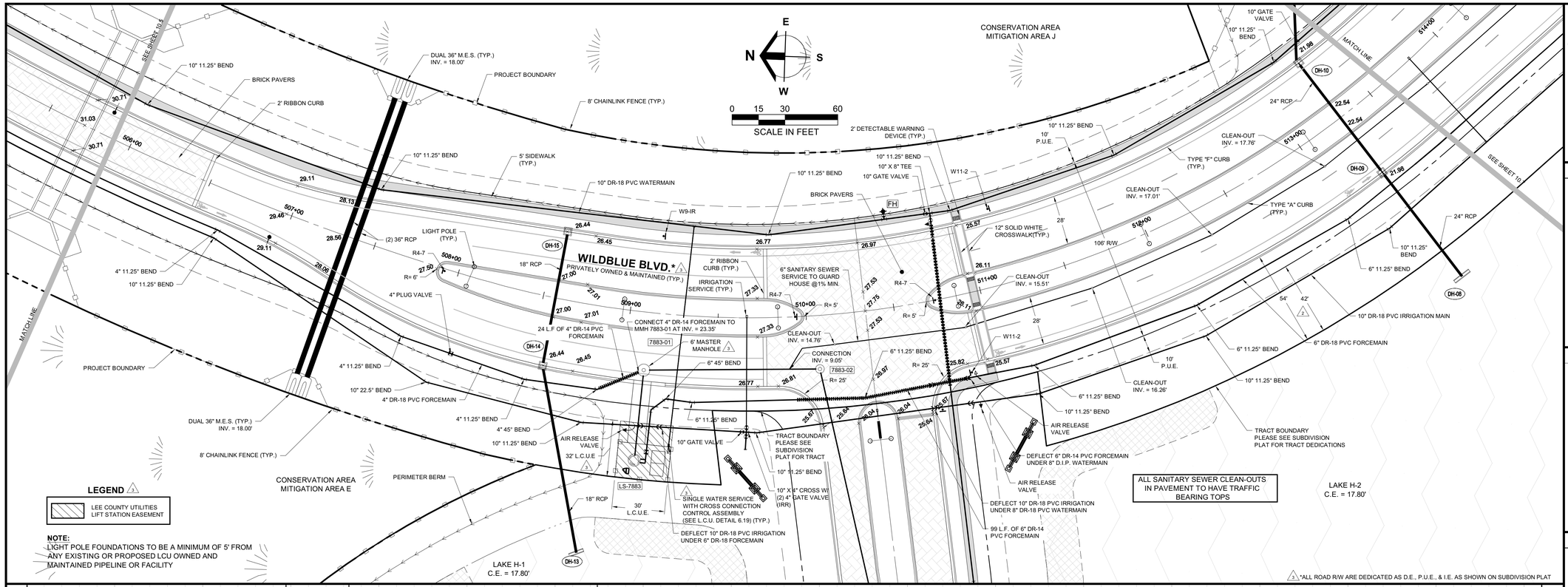
PLAN STATUS

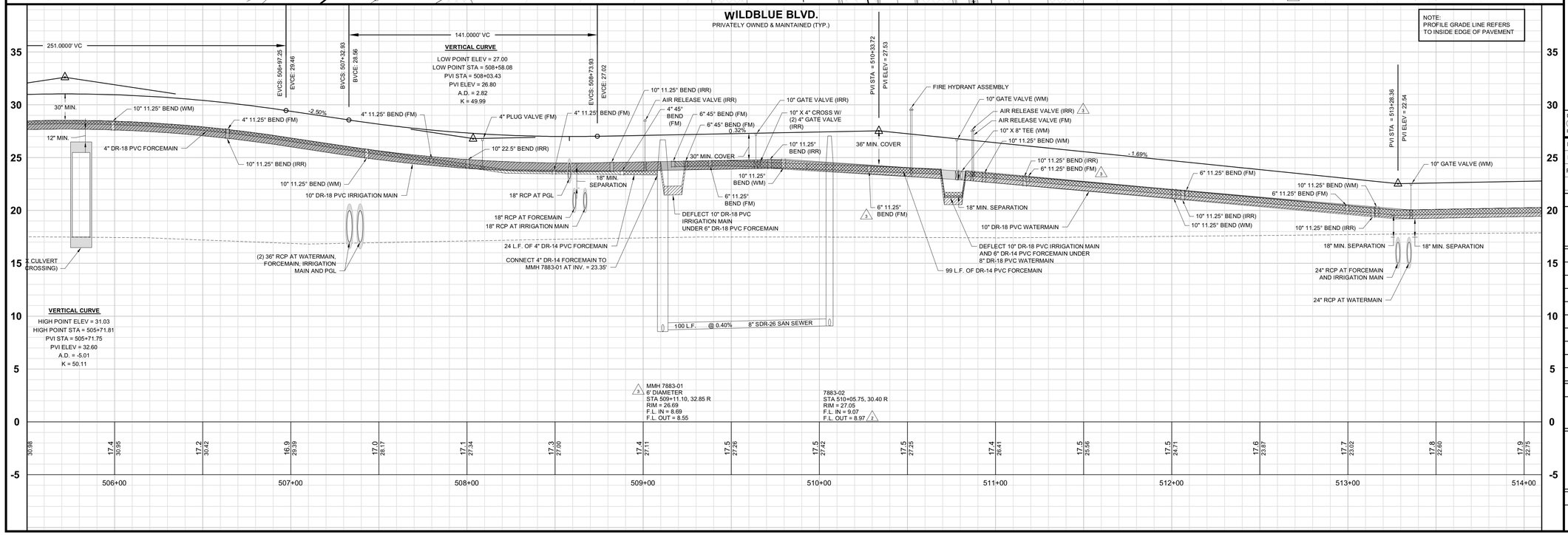
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

PLAN AND PROFILE WILDBLUE BLVD. STA: 497+80 TO 505+90

PROJECT / FILE NO.	SHEET NUMBER
23526	C10.5

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Tom Sawtell, Plan Reviewer
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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 4:26 PM
PLOT BY	GUY SAPEN

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

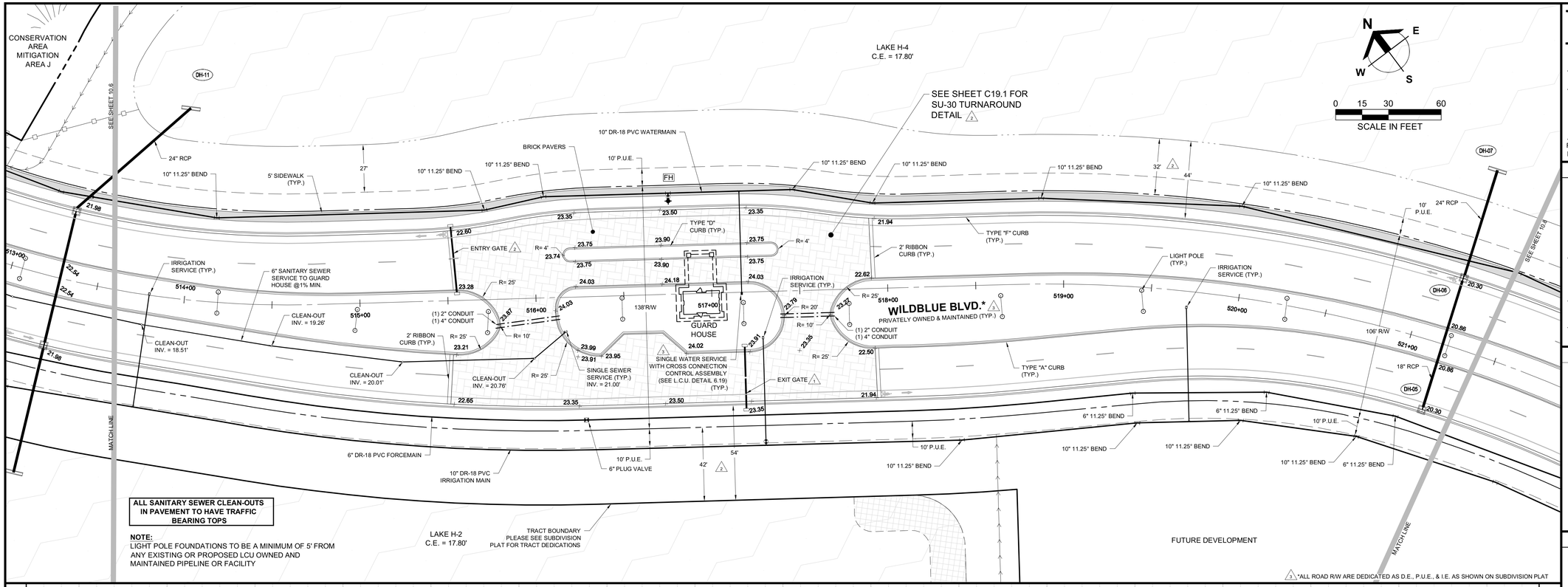
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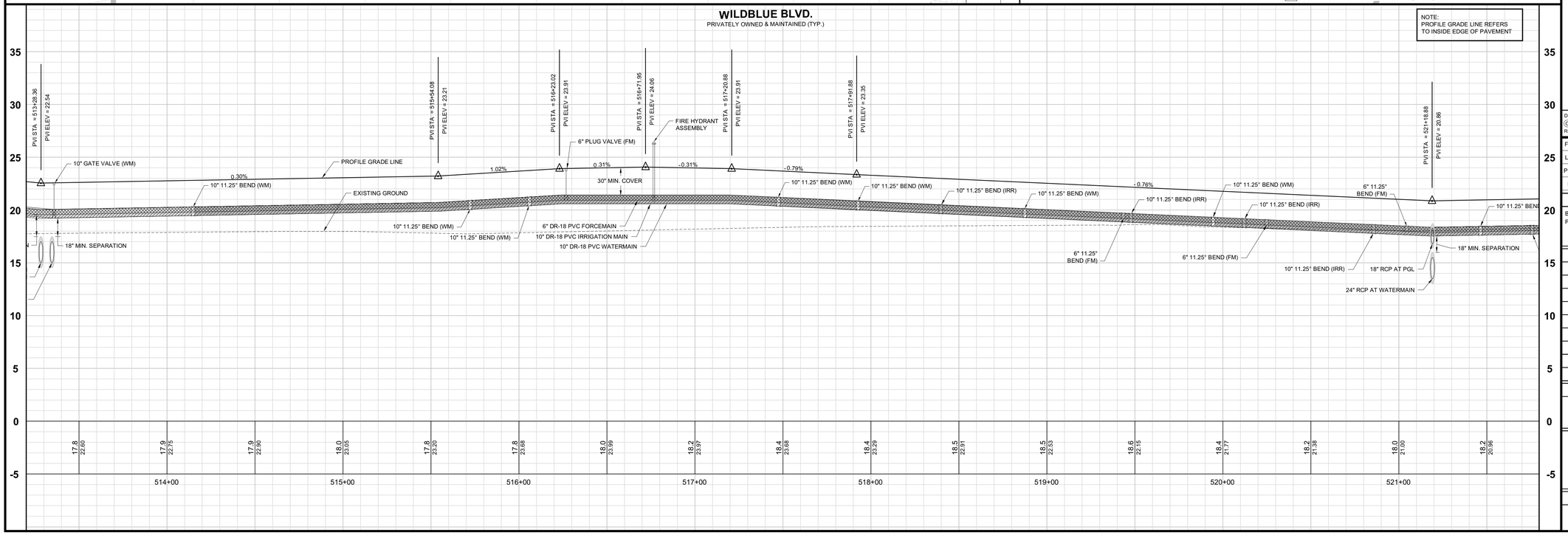
APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

PLAN AND PROFILE WILDBLUE BLVD. STA: 505+90 TO 513+60

PROJECT / FILE NO.	SHEET NUMBER
23526	C10.6

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Tom Sawtell, Plan Reviewer
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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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BONITA SPRINGS, FLORIDA 34134
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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT DATE	TUE, 4-10-2018 - 3:42 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

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4-8-18	DO COMMENTS DATED 4-4-18	3

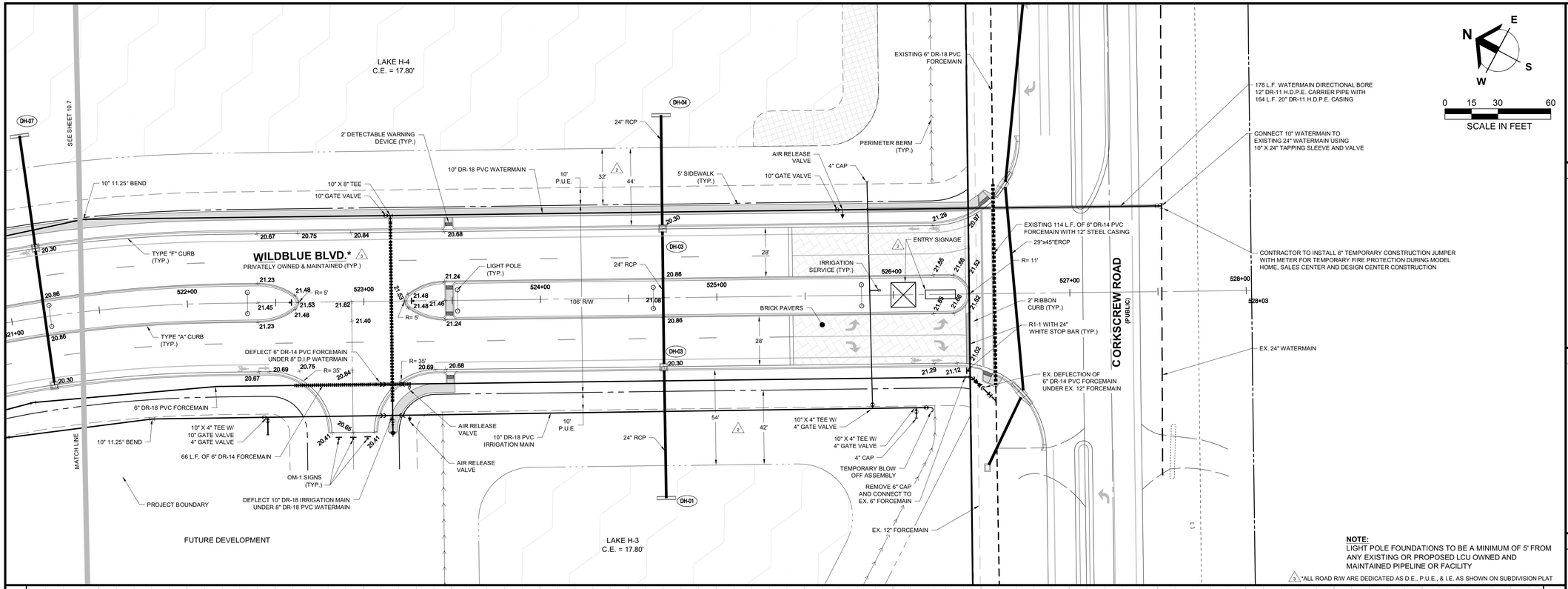
PLAN STATUS

APPROVAL SUBMITTALS PLANS
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PLAN AND PROFILE WILDBLUE BLVD. STA: 513+63 TO 521+40

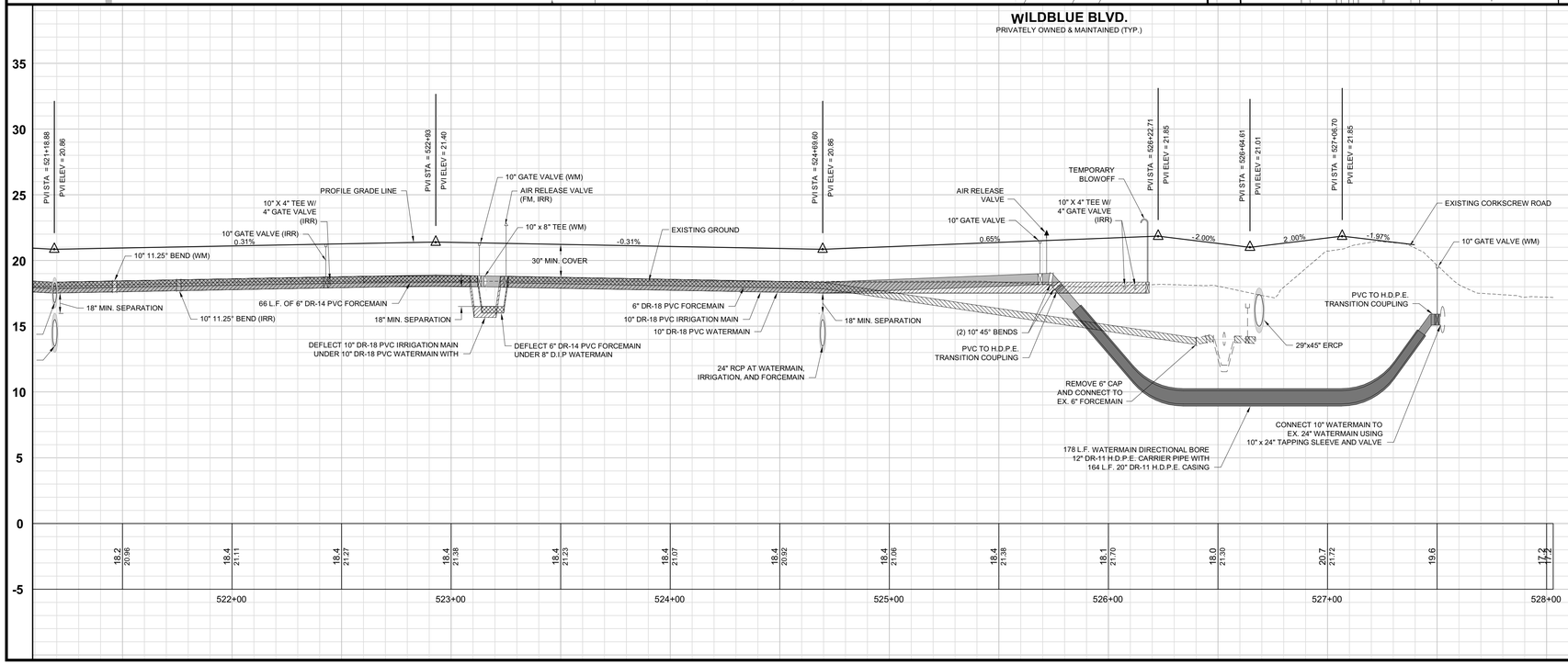
PROJECT / FILE NO.	SHEET NUMBER
23526	C10.7

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



NOTE:
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PREPARED FOR

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:43 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

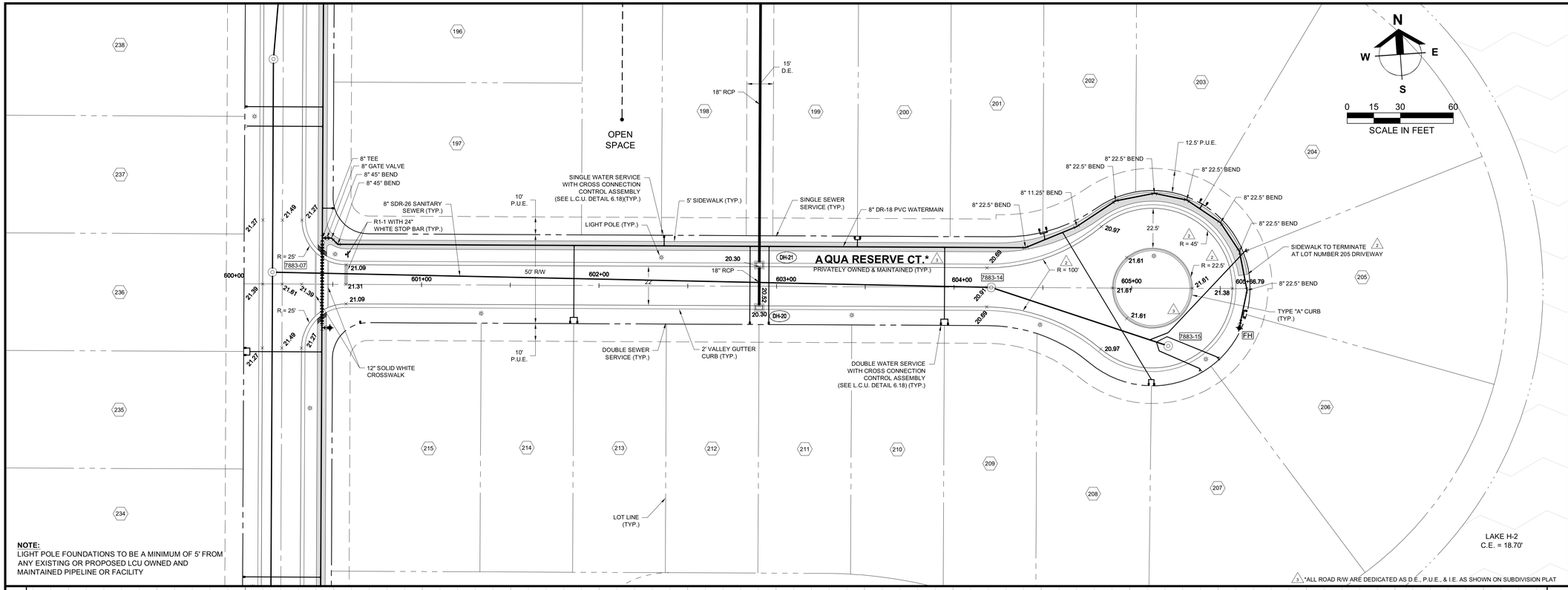
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

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

PROJECT / FILE NO.	SHEET NUMBER
23526	C10.8

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4/25/2018

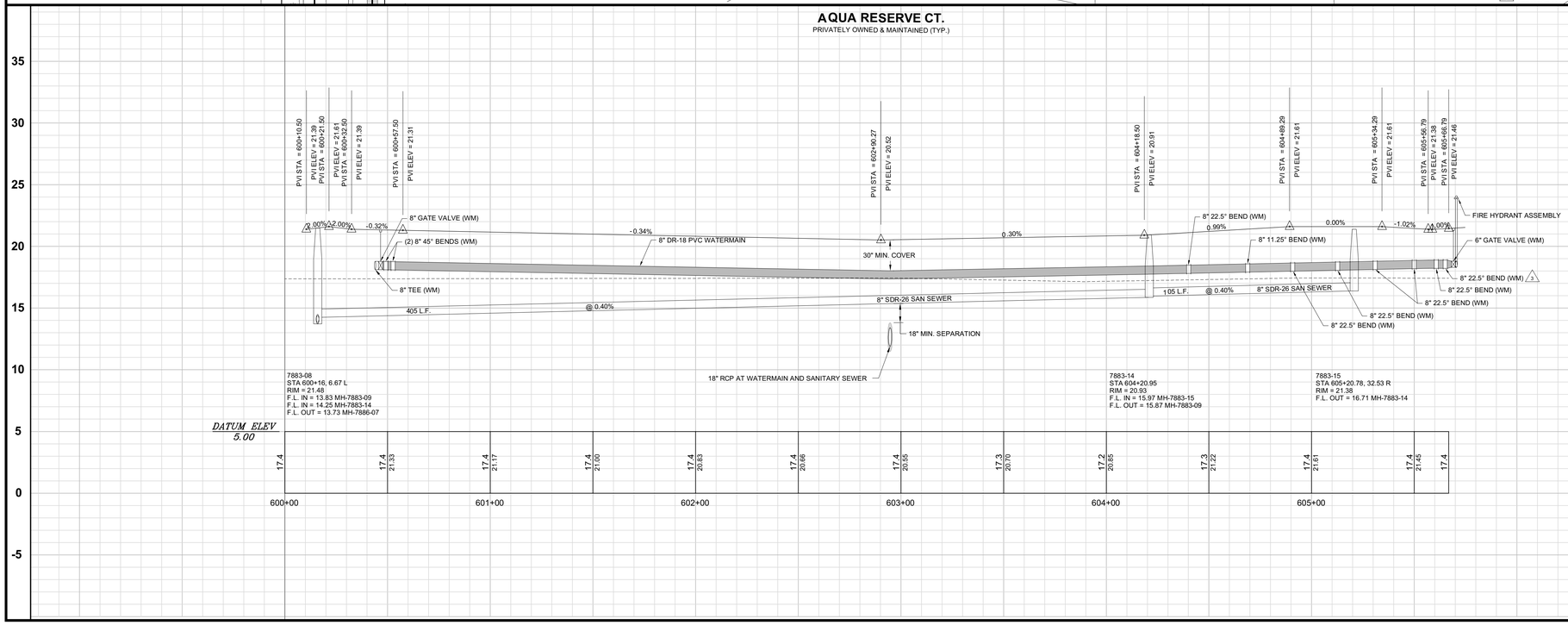


NOTE:
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AQUA RESERVE CT.
PRIVATELY OWNED & MAINTAINED (TYP.)

NOTE:
PROFILE GRADE LINE REFERS TO CENTERLINE OF PAVEMENT



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FLORIDA CERTIFICATES OF AUTHORIZATION
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PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 4:04 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PROFILE = 23526A00P.DWG

PLAN REVISIONS

2-19-18	△2 DO COMMENTS DATED 2-16-18
4-8-18	△3 DO COMMENTS DATED 4-4-18

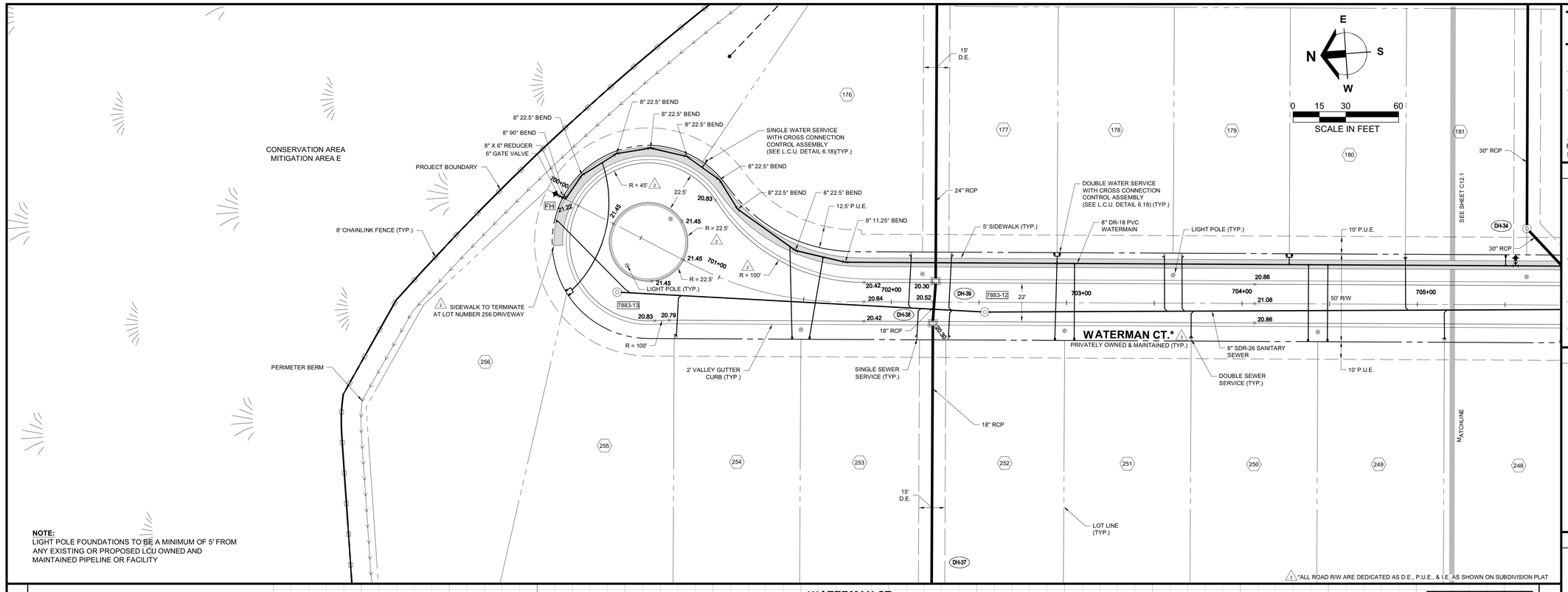
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

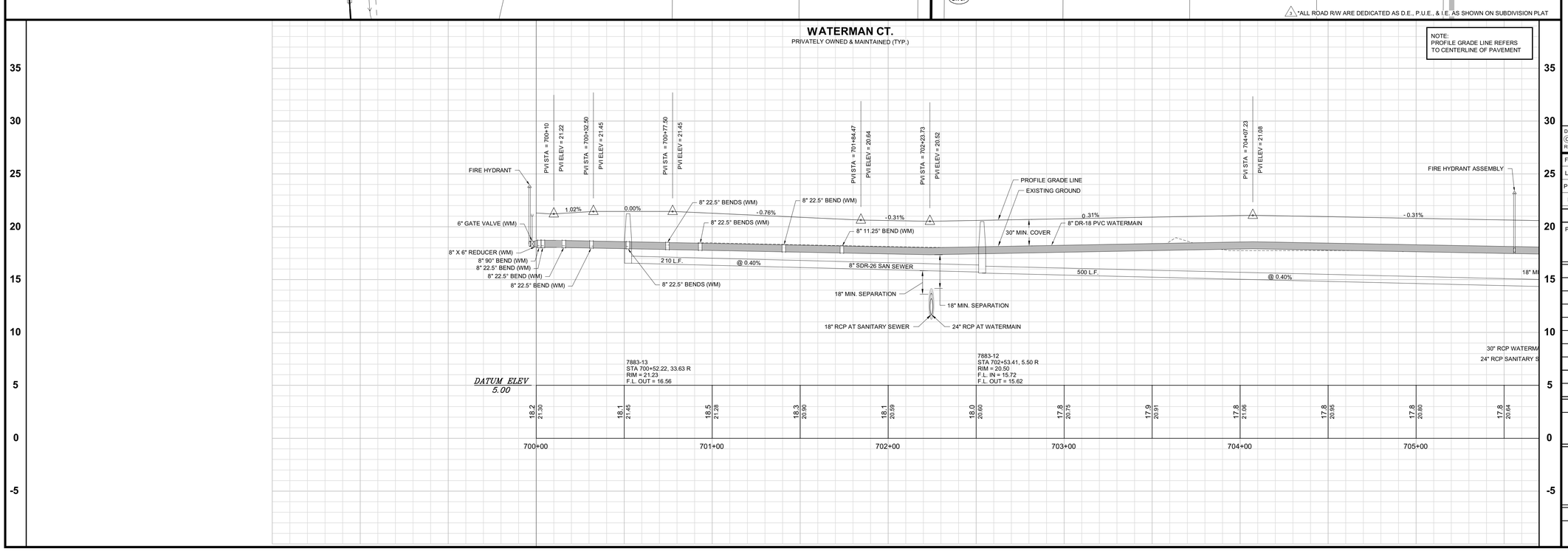
PLAN AND PROFILE AQUA RESERVE CT. STA: 600+00 TO END

PROJECT / FILE NO.	SHEET NUMBER
23526	C11.0

APPROVED
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Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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

PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A30C.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:46 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PROFILE = 23526A00P.DWG

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

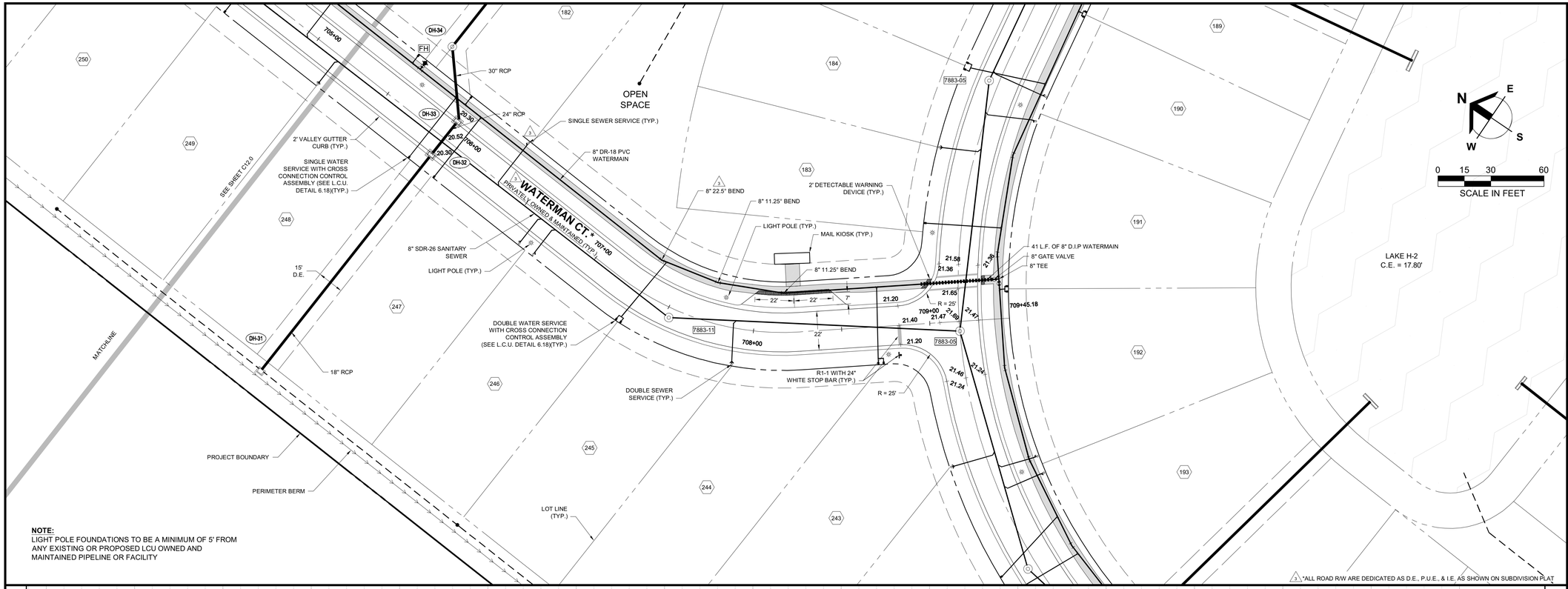
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

PLAN AND PROFILE WATERMAN CT. STA: 700+00 TO 705+20

PROJECT / FILE NO.	SHEET NUMBER
23526	C12.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

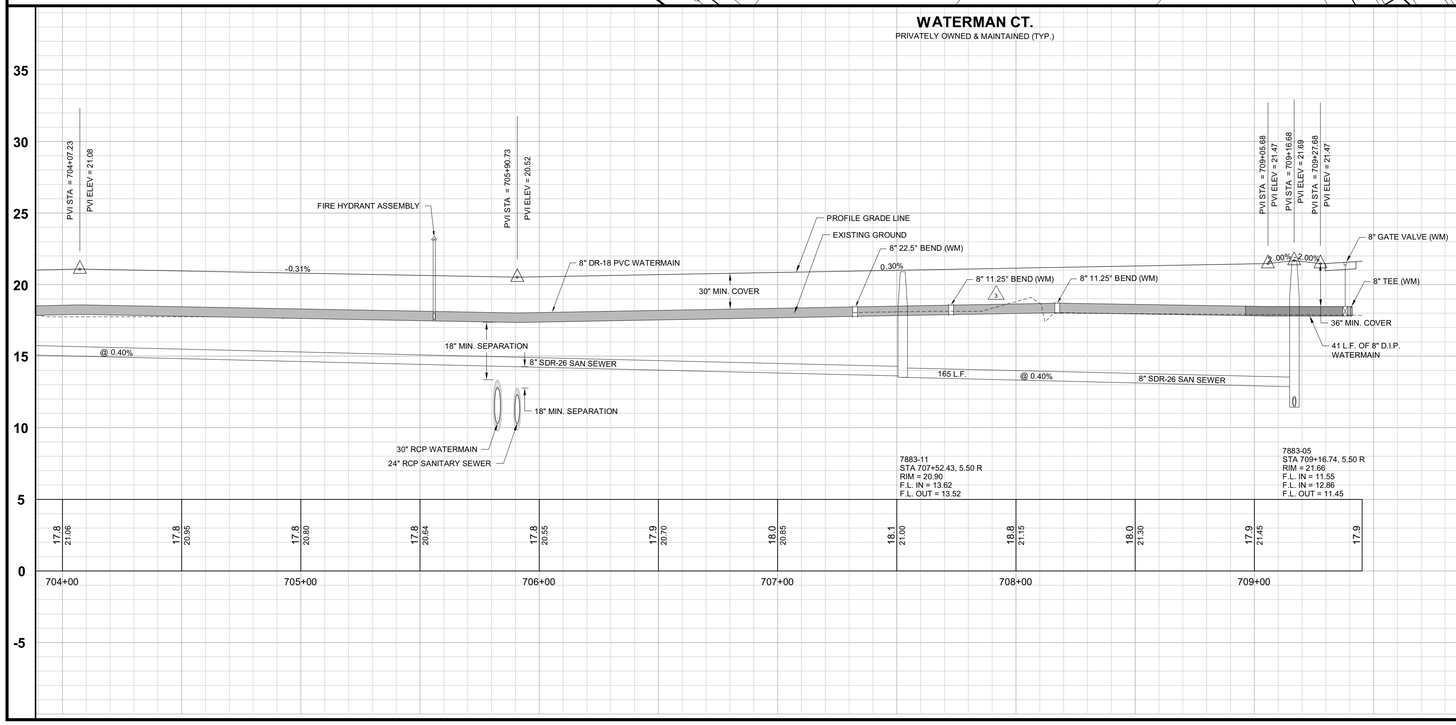


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WATERMAN CT.

PRIVATELY OWNED & MAINTAINED (TYP.)

NOTE:
PROFILE GRADE LINE REFERS TO CENTERLINE OF PAVEMENT



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PROJECT DESCRIPTION

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PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PROFILE = 23526A00P.DWG

PLAN REVISIONS

4-8-18	DO COMMENTS DATED 4-4-18 △1

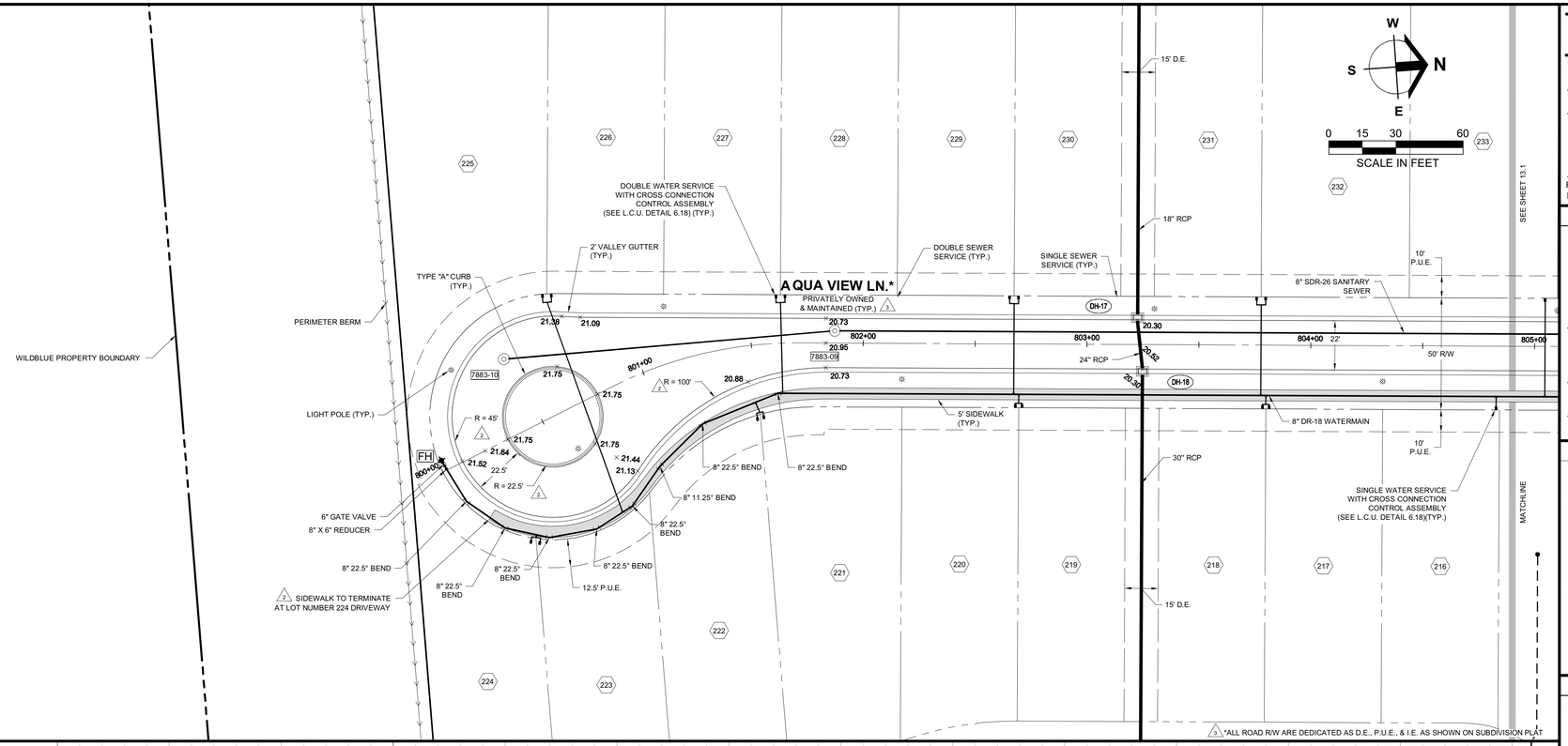
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

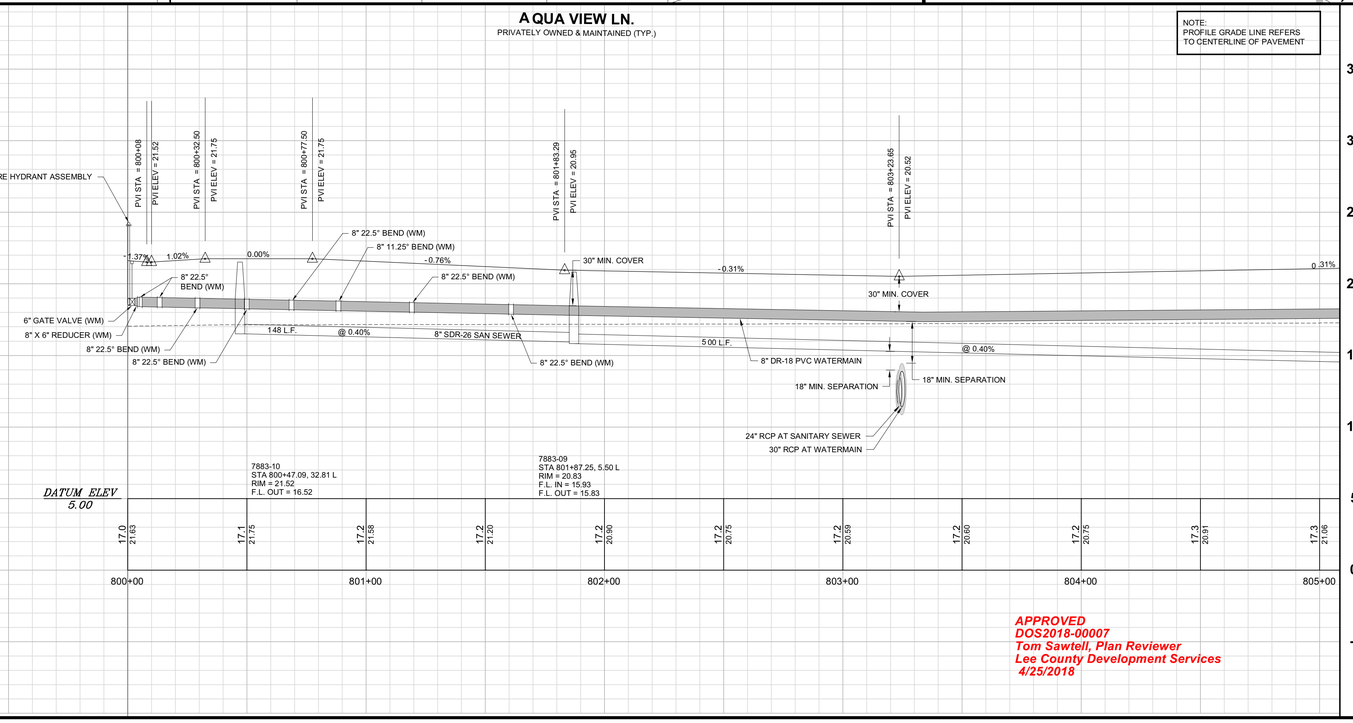
PLAN AND PROFILE WATERMAN CT. STA: 705+20 TO END

PROJECT / FILE NO.	SHEET NUMBER
23526	C12.1

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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LEE COUNTY, FLORIDA

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PLOT DATE	TUE, 4-10-2018 - 3:47 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PROFILE = 23526A00P.DWG

PLAN REVISIONS

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4-8-18	DO COMMENTS DATED 4-4-18 (3)

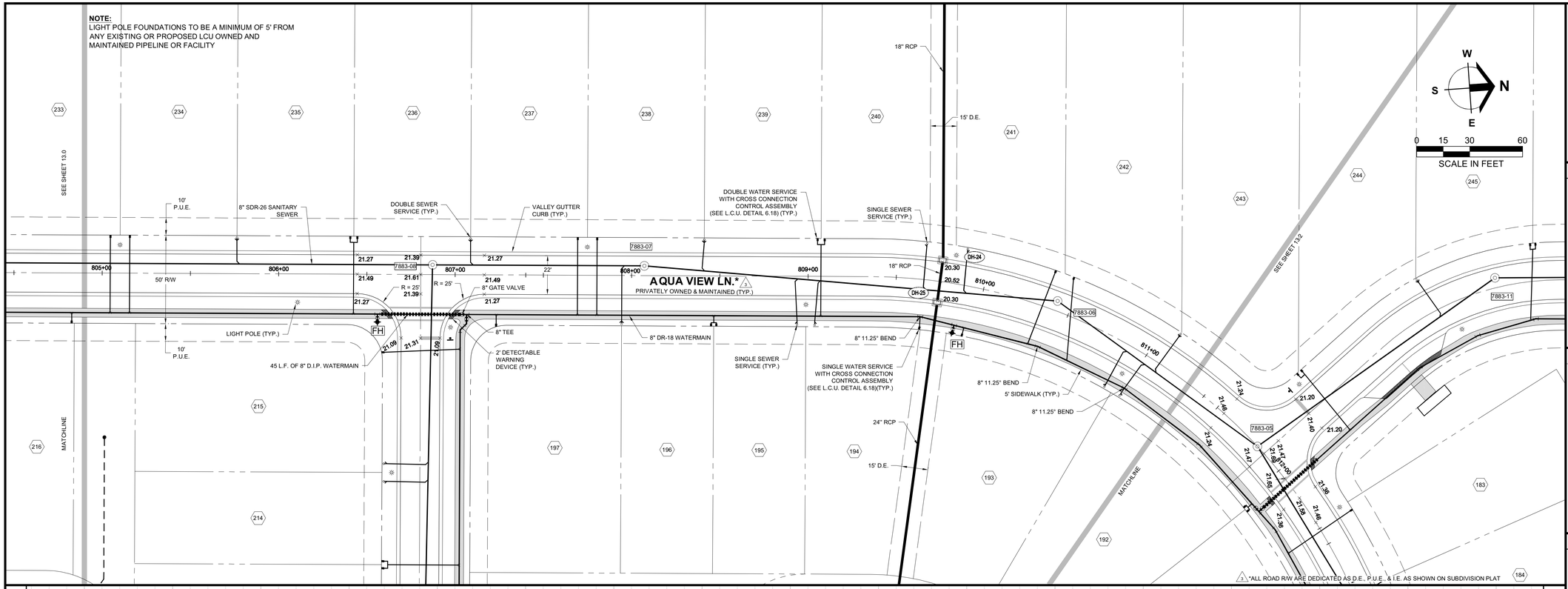
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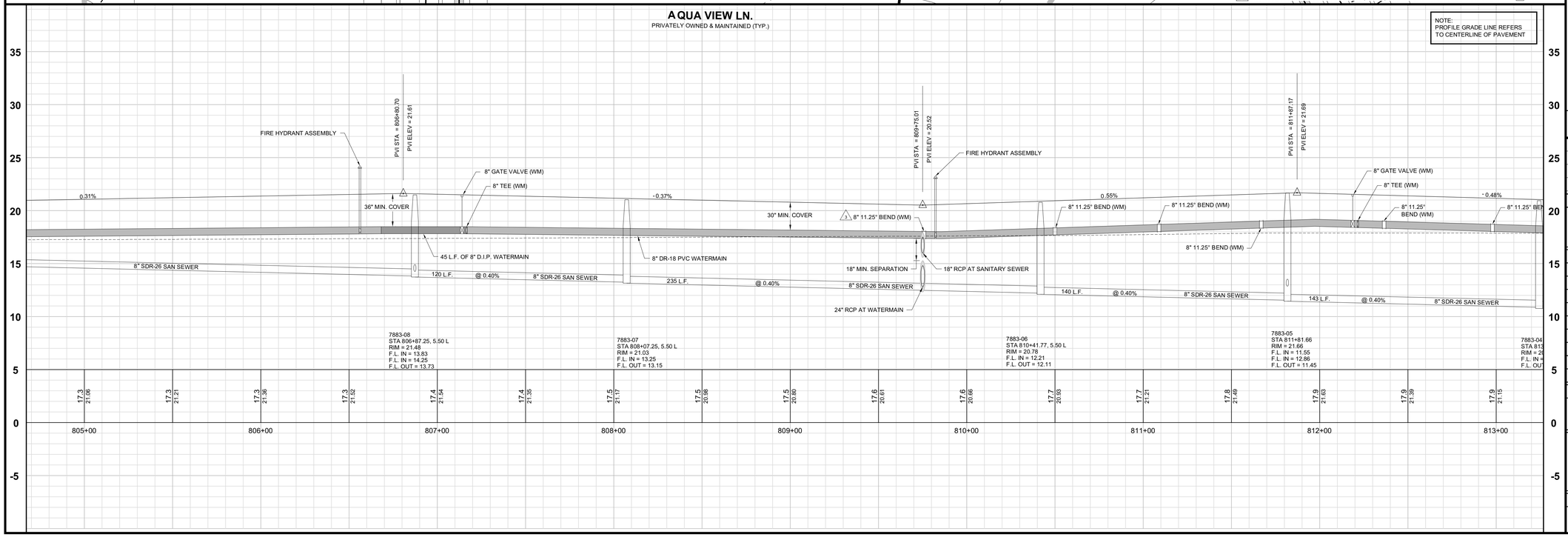
APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

PLAN AND PROFILE AQUA VIEW LN. STA: 800+00 TO 804+90

PROJECT / FILE NO.	SHEET NUMBER
23526	C13.0

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PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PROFILE = 23526A00P.DWG

PLAN REVISIONS

4-8-18	DO COMMENTS DATED 4-4-18 1

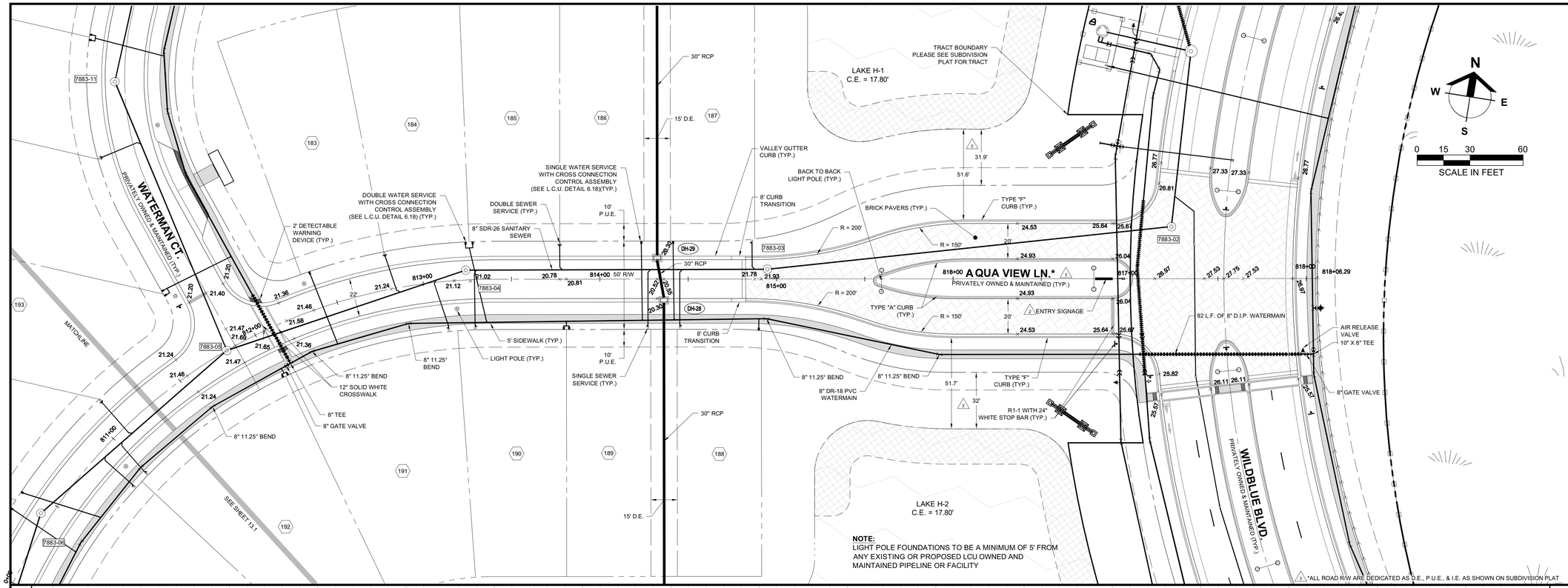
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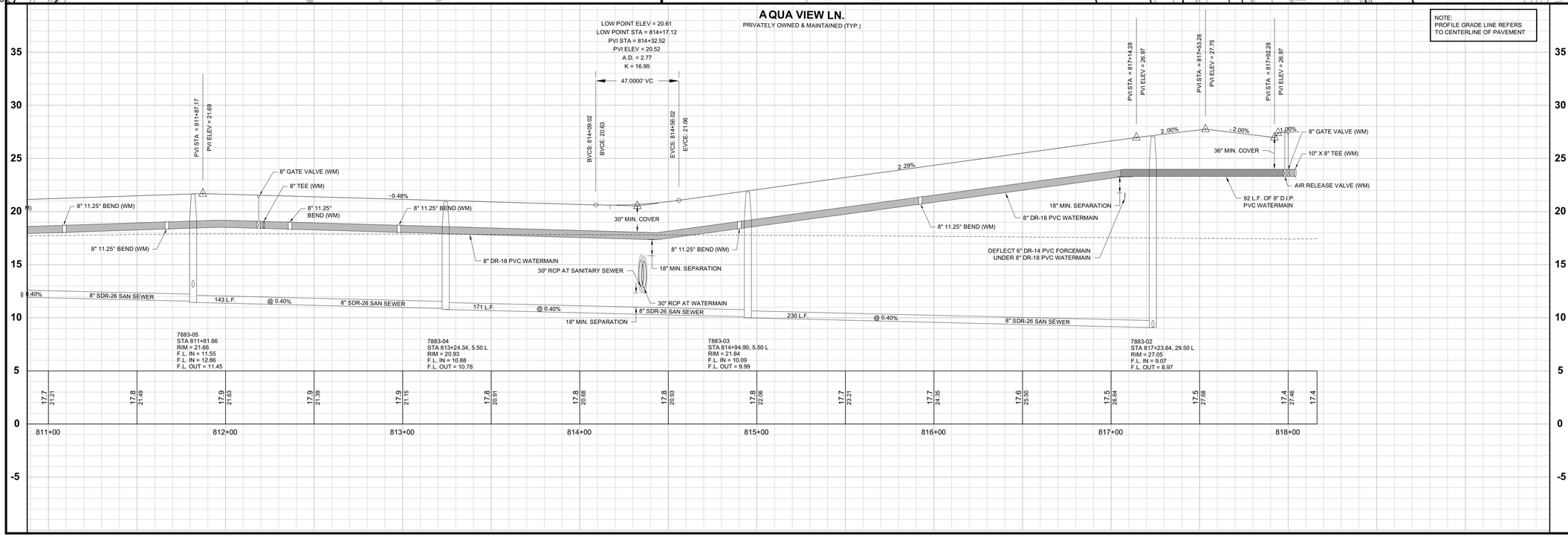
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PLAN AND PROFILE AQUA VIEW LN. STA: 804+90 TO 811+40

PROJECT / FILE NO.	SHEET NUMBER
23526	C13.1

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PLOT BY	GUY SAPEN

CROSS REFERENCED DRAWINGS

PROFILE = 23526A00P.DWG

PLAN REVISIONS

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4-8-18	DO COMMENTS DATED 4-4-18 (3)

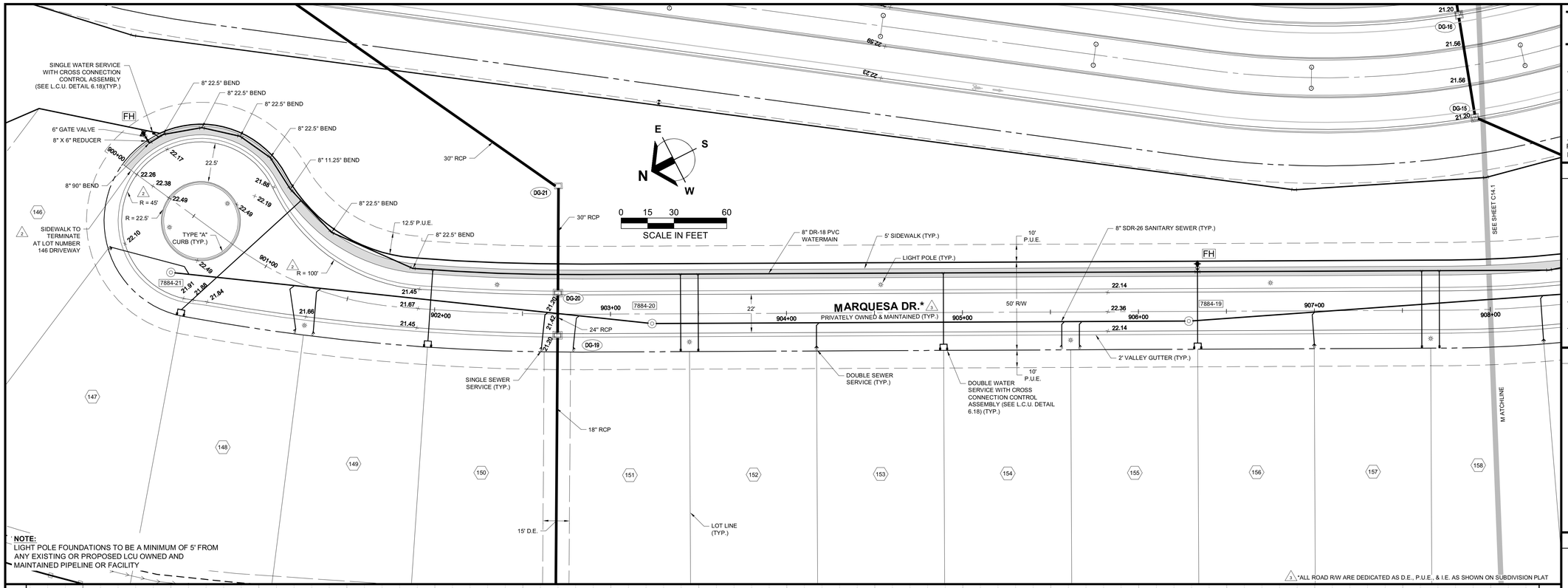
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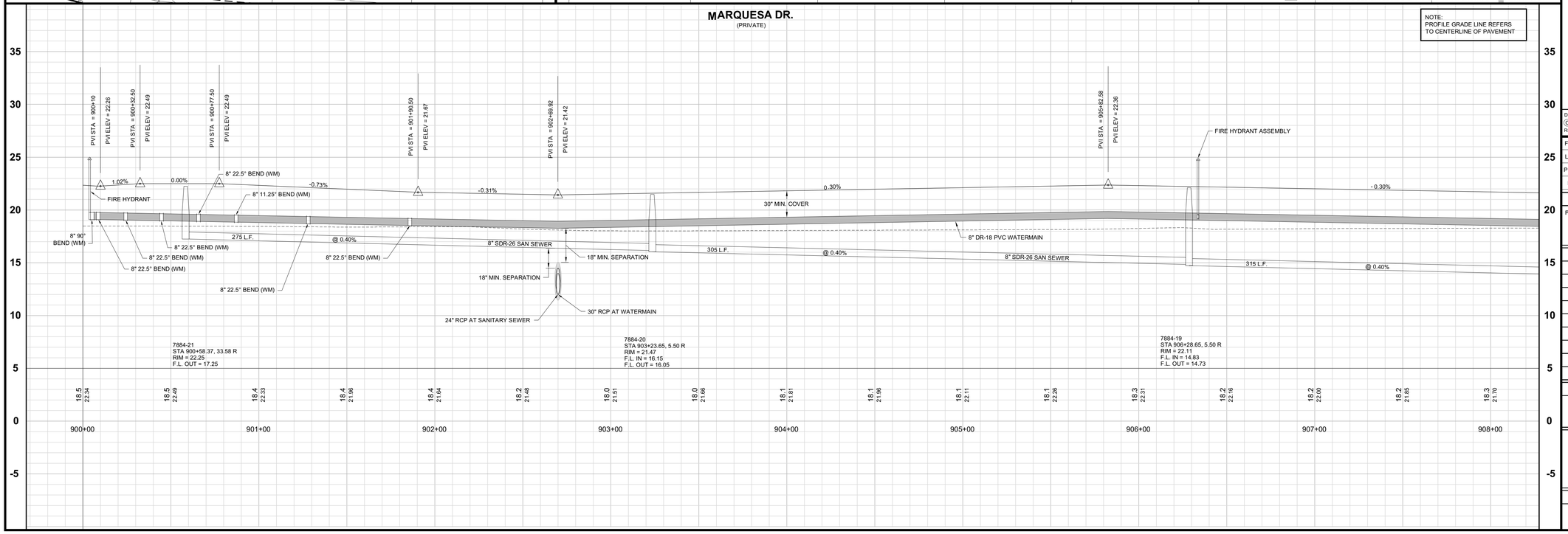
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PLAN AND PROFILE
AQUA VIEW LN.
STA: 811+40 TO END

PROJECT / FILE NO.	SHEET NUMBER
23526	C13.2

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:48 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PROFILE = 23526A00P.DWG

PLAN REVISIONS

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4-8-18	DO COMMENTS DATED 4-4-18 (3)

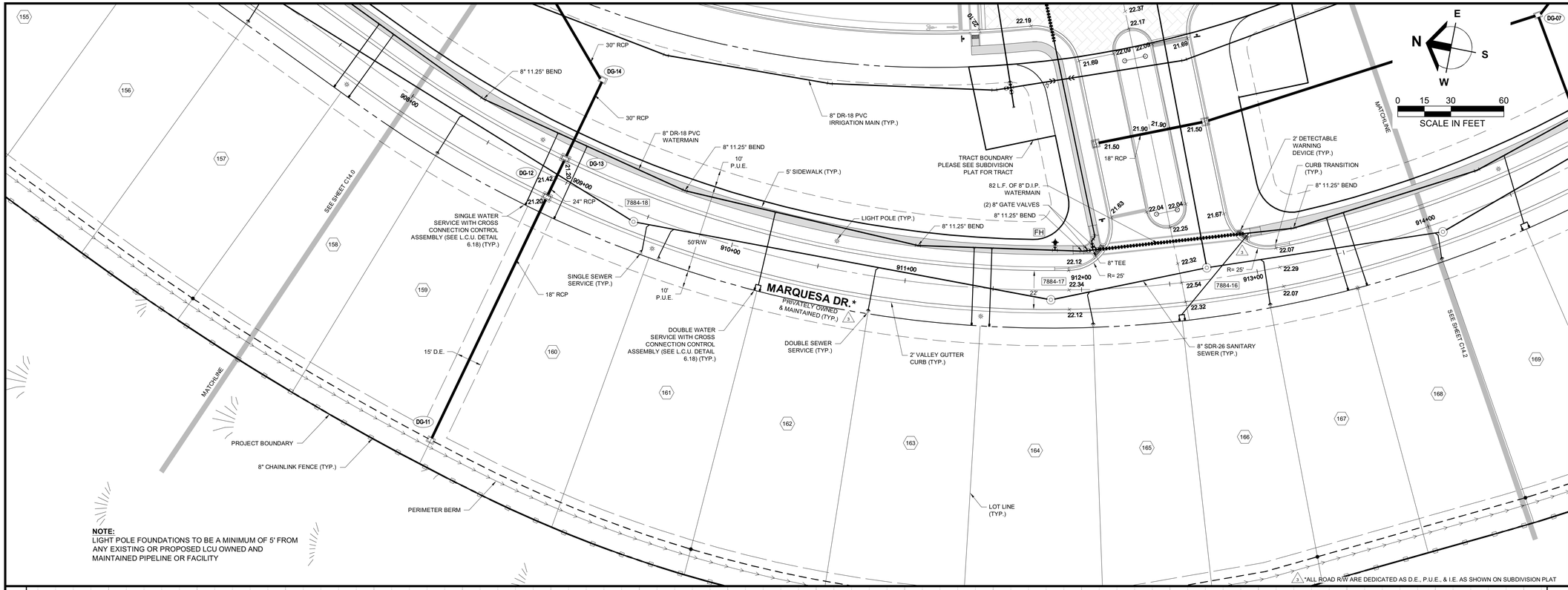
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

PLAN AND PROFILE MARQUESA DR. STA: 900+00 TO 908+00

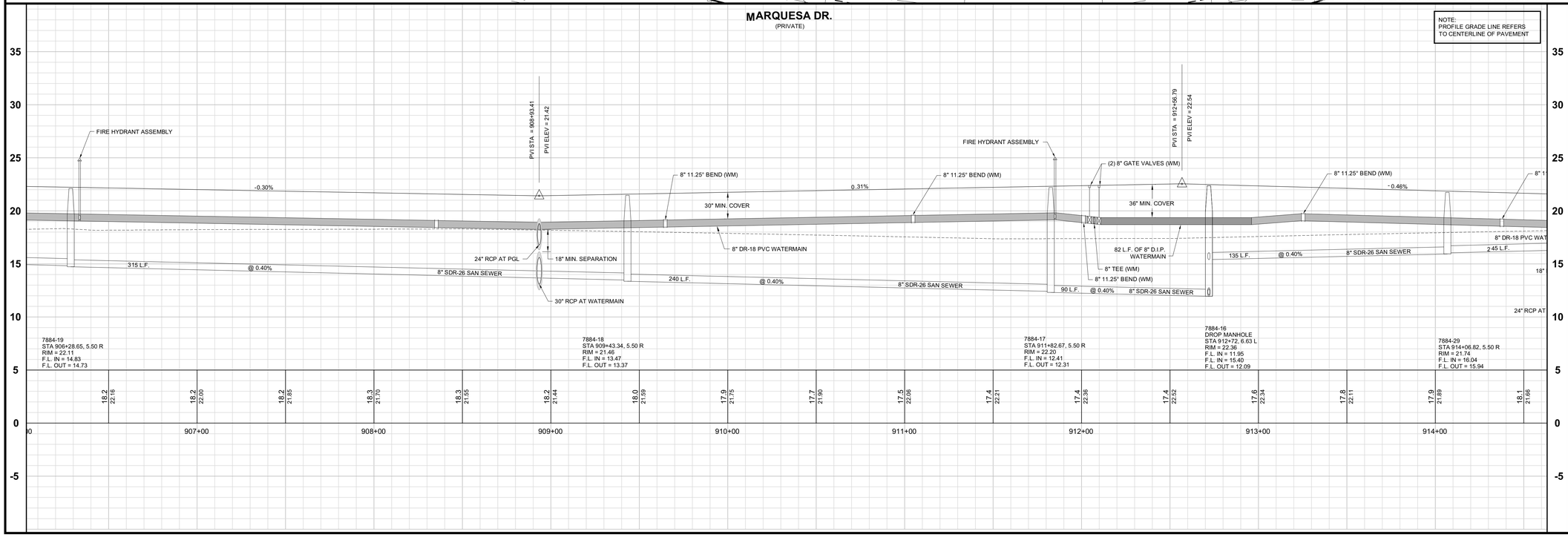
PROJECT / FILE NO.	SHEET NUMBER
23526	C14.0

APPROVED
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Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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PROJECT DESCRIPTION

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LEE COUNTY, FLORIDA

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PLOT BY	PEYTON GAUSE

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PROFILE = 23526A00P.DWG

PLAN REVISIONS

4-8-18	DO COMMENTS DATED 4-4-18 (3)

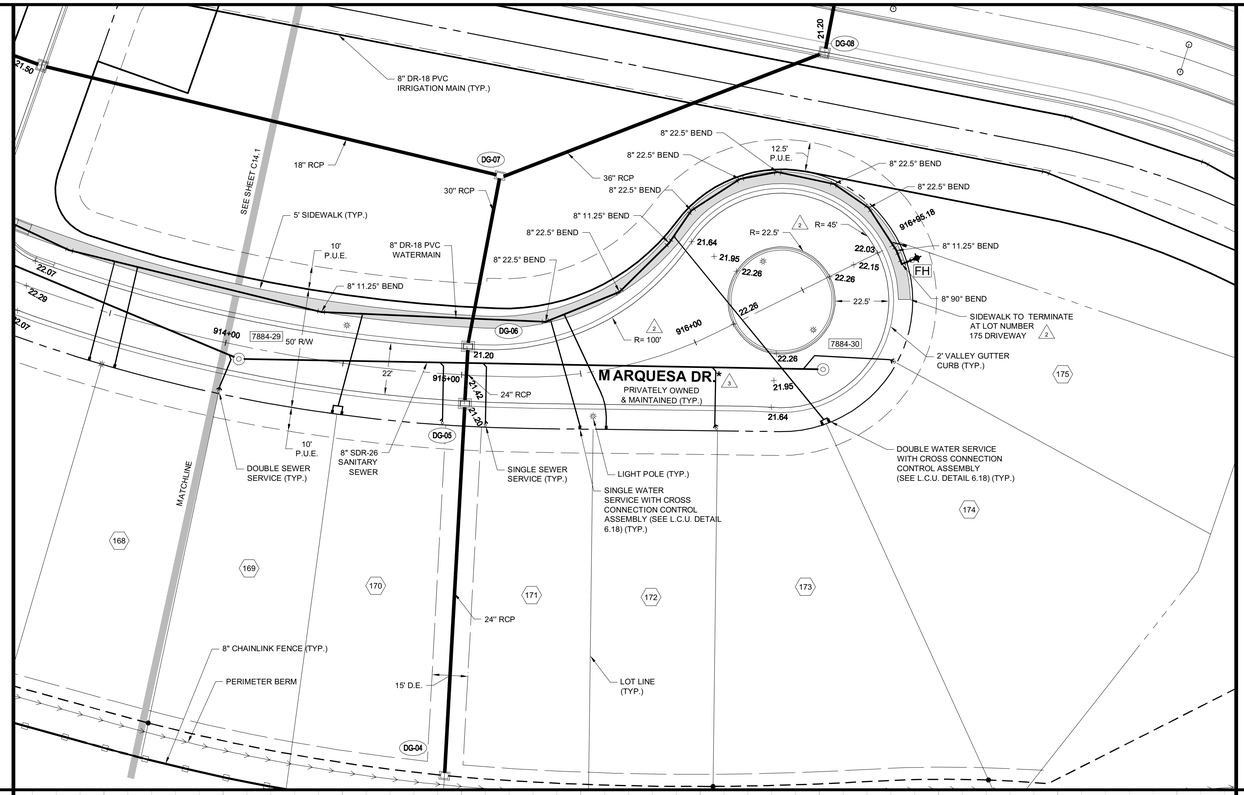
PLAN STATUS

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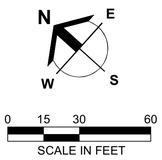
PLAN AND PROFILE MARQUESA DR. STA: 908+00 TO 914+00

PROJECT / FILE NO.	SHEET NUMBER
23526	C14.1

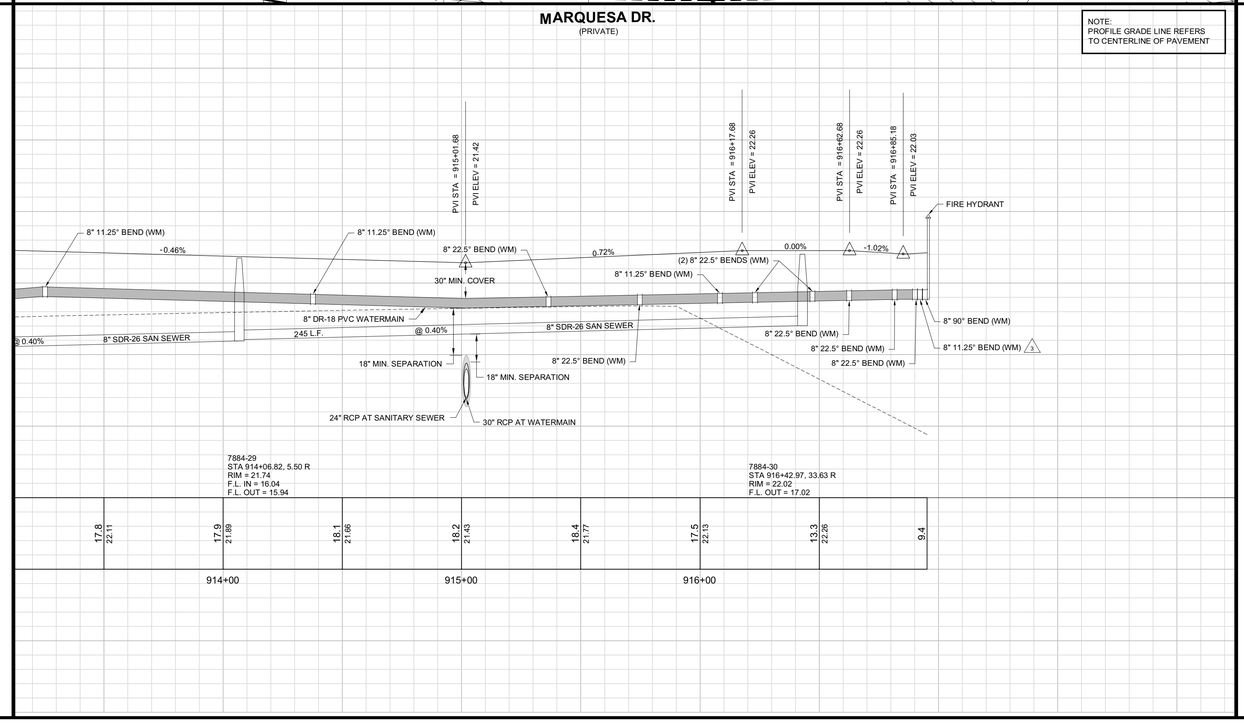
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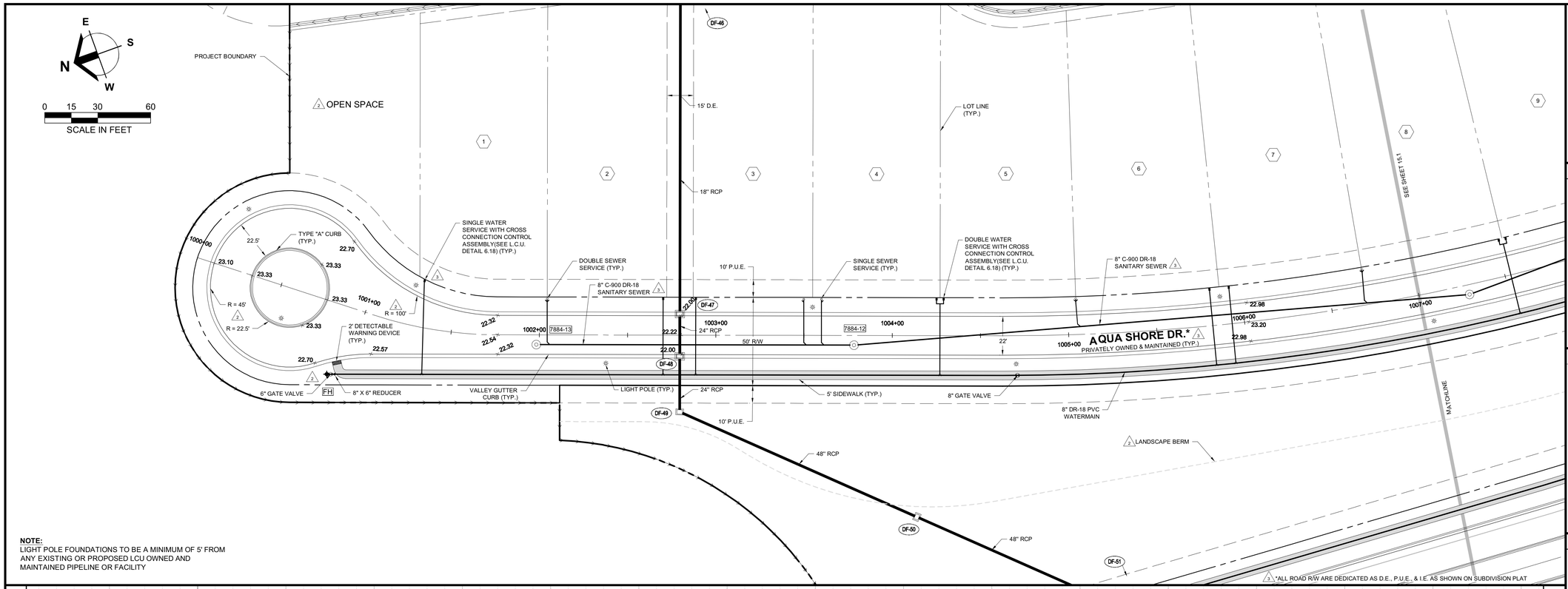
PLAN STATUS

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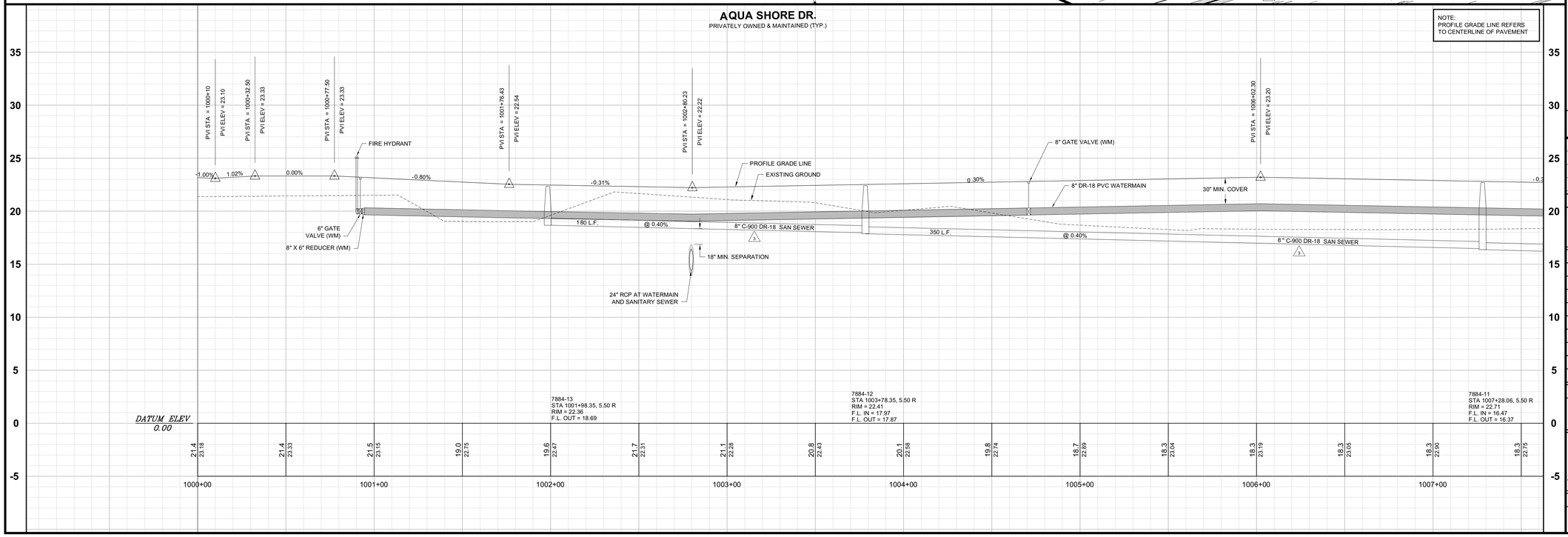
PLAN AND PROFILE MARQUESA DR. STA: 914+00 TO END

PROJECT / FILE NO.	SHEET NUMBER
23526	C14.2

APPROVED
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Tom Sawtell, Plan Reviewer
Lee County Development Services
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ENGINEER OF RECORD

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PLOT DATE	TUE, 4-10-2018 - 3:49 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

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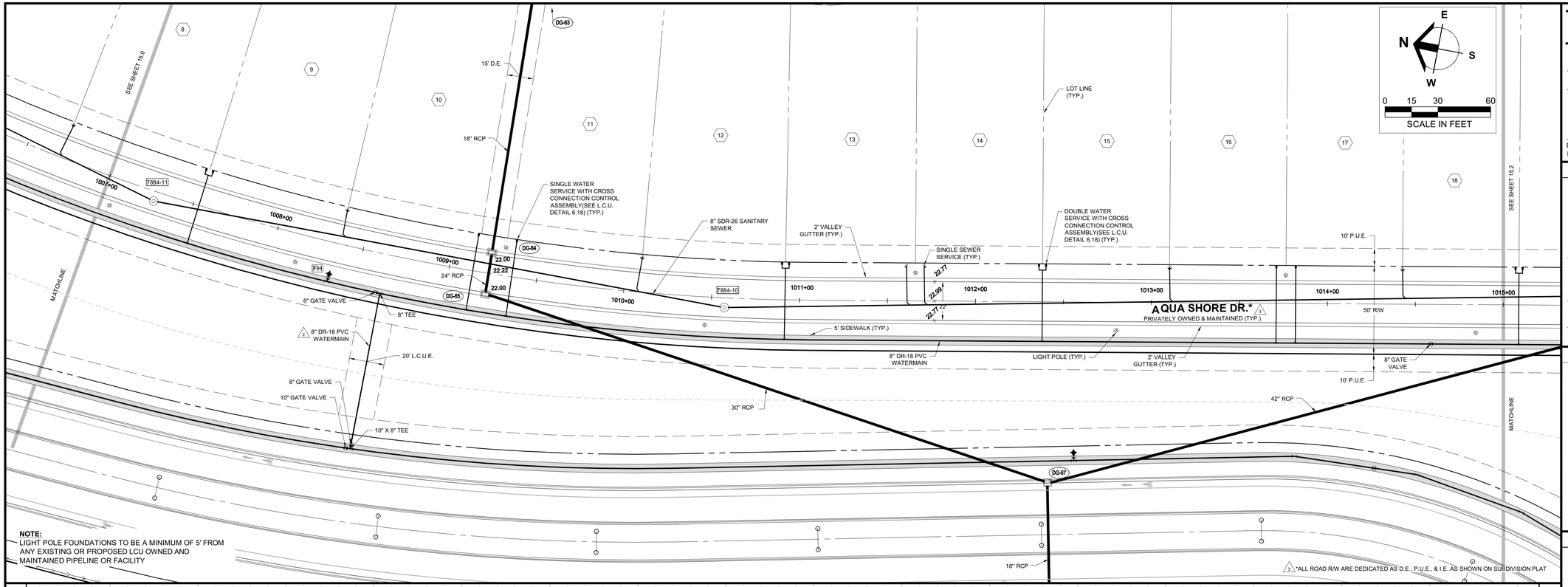
PLAN STATUS

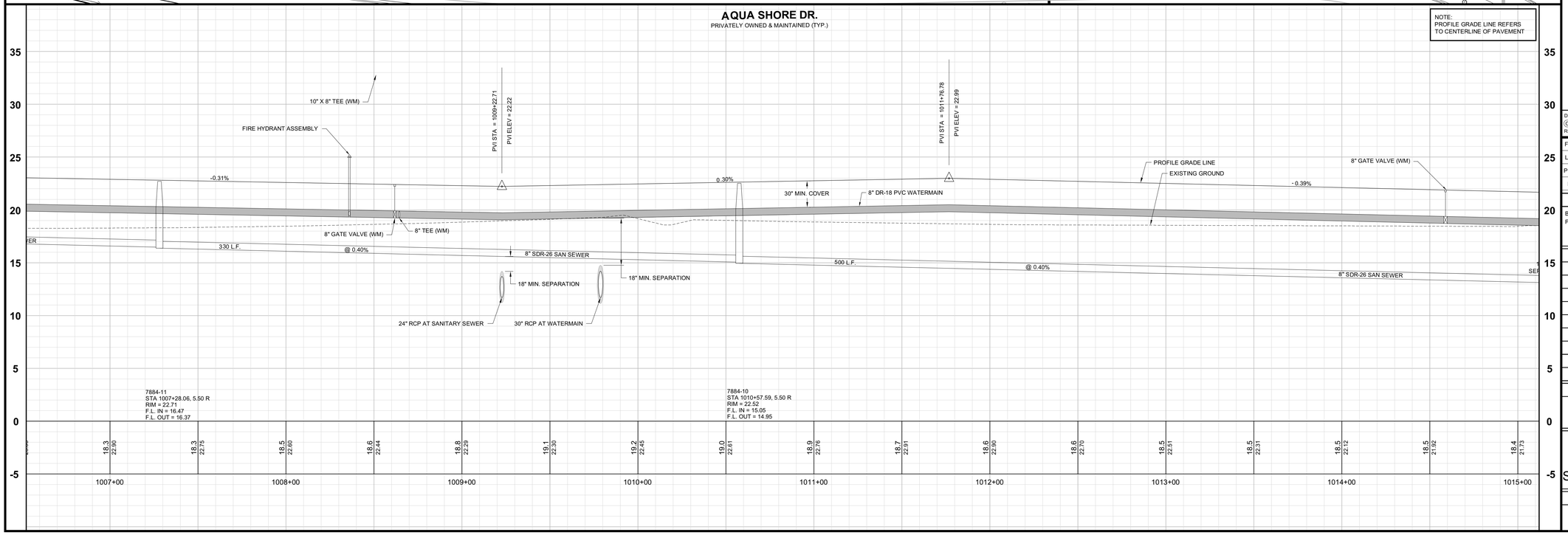
APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

PLAN AND PROFILE AQUA SHORE DR. STA:1000+00 TO 1007+00

PROJECT / FILE NO.	SHEET NUMBER
23526	C15.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018





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

PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A30F.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:49 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

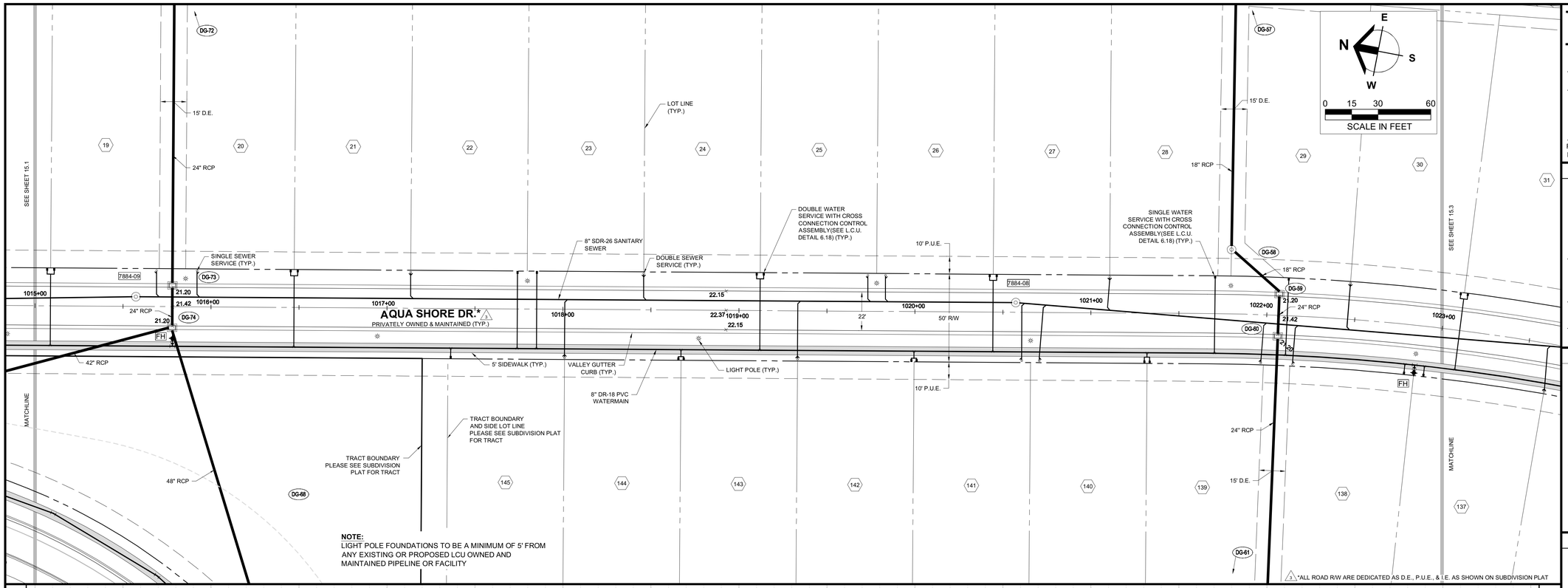
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

PLAN AND PROFILE AQUA SHORE DR. STA:1007+00 TO 1015+00

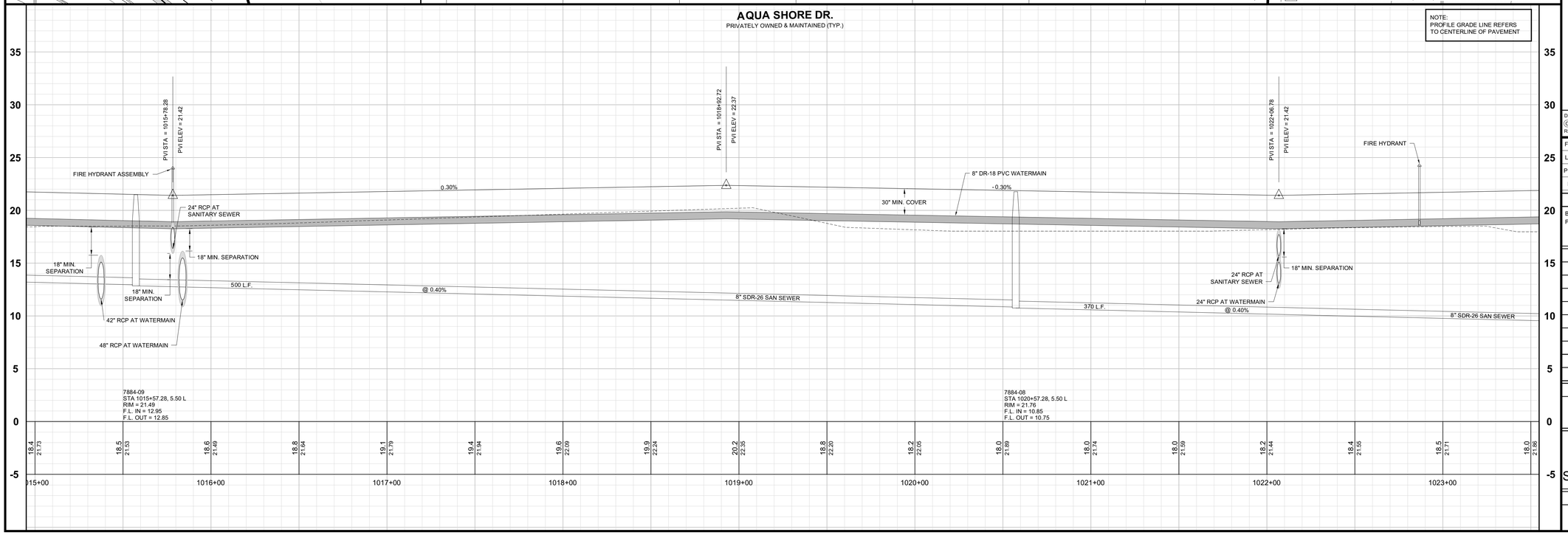
PROJECT / FILE NO.	SHEET NUMBER
23526	C15.1

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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

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



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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:49 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

4-8-18	DO COMMENTS DATED 4-4-18 △1

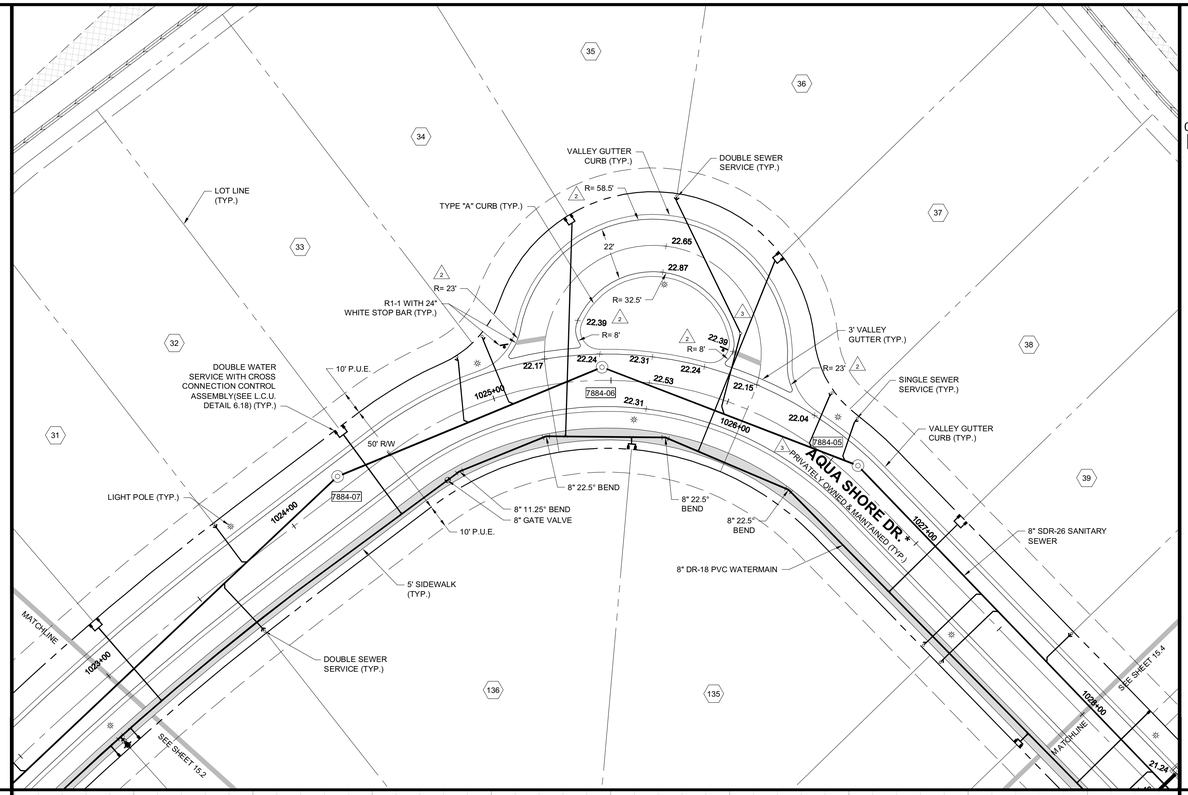
PLAN STATUS

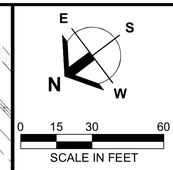
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

PLAN AND PROFILE AQUA SHORE DR. STA:1015+00 TO 1023+00

PROJECT / FILE NO.	SHEET NUMBER
23526	C15.2

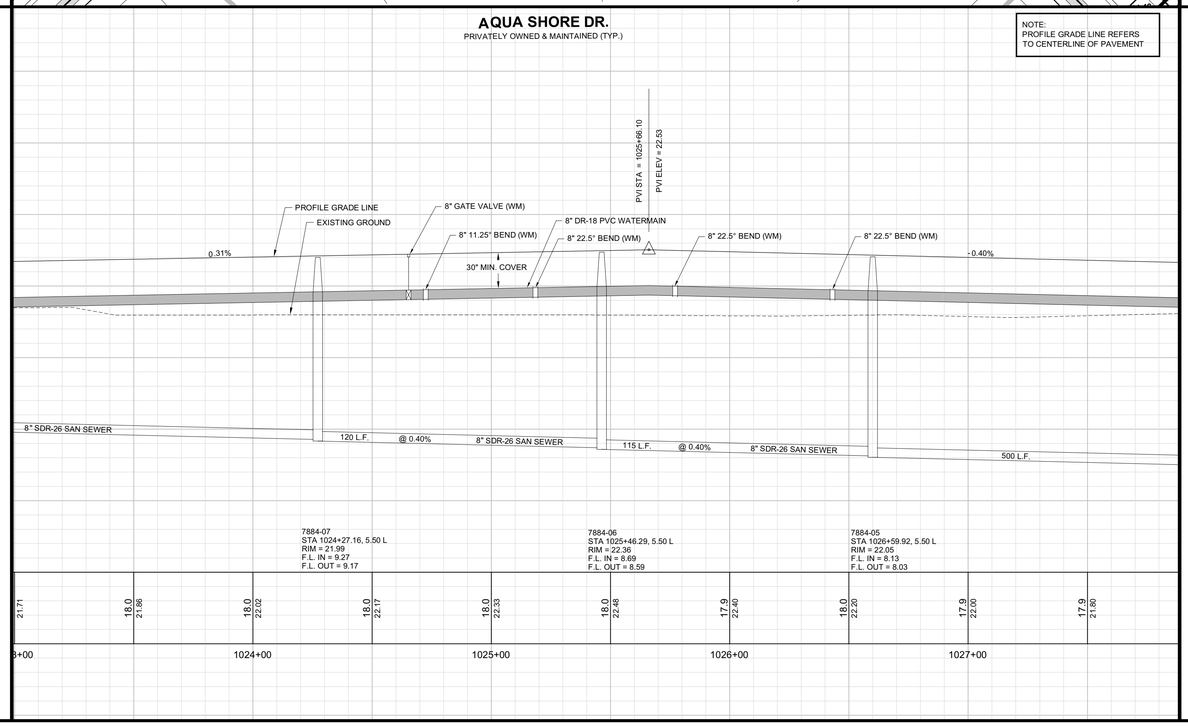
APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018





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

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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PREPARED FOR

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24311 WALDEN CENTER DRIVE
SUITE 300
BONITA SPRINGS, FLORIDA 34134
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WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:49 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 △2
4-8-18	DO COMMENTS DATED 4-4-18 △3

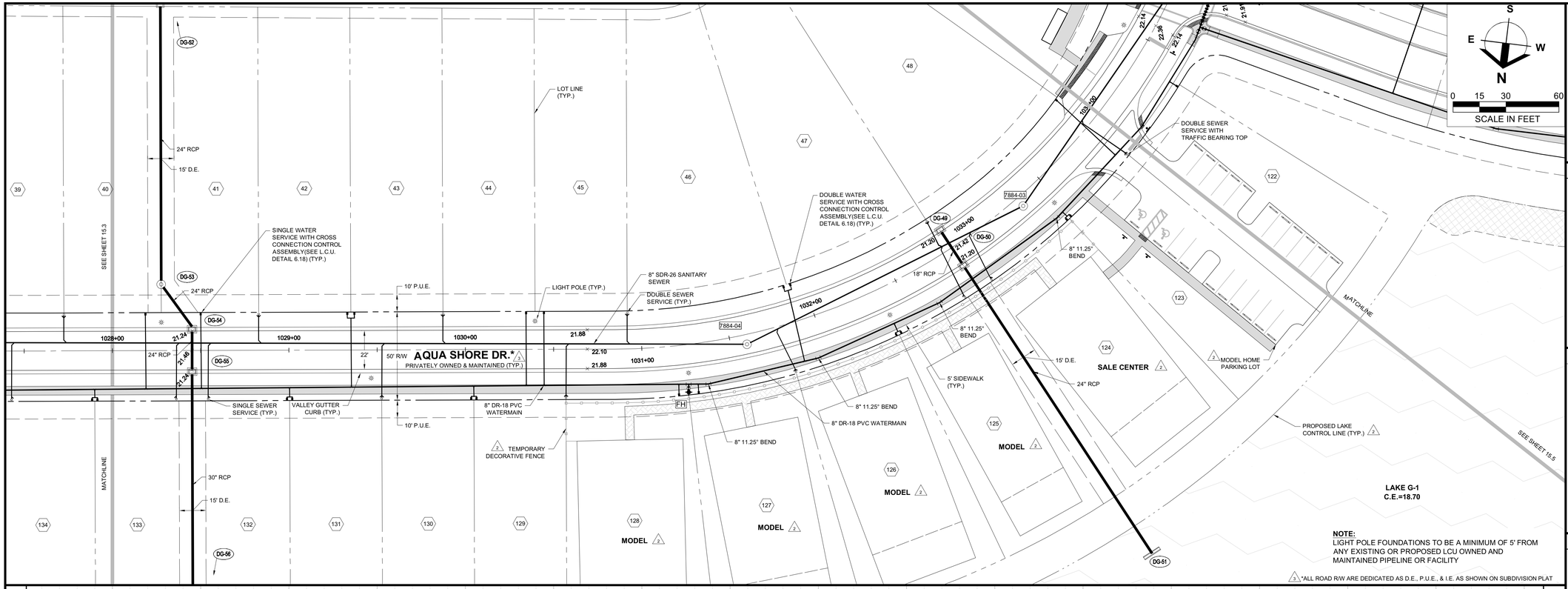
PLAN STATUS

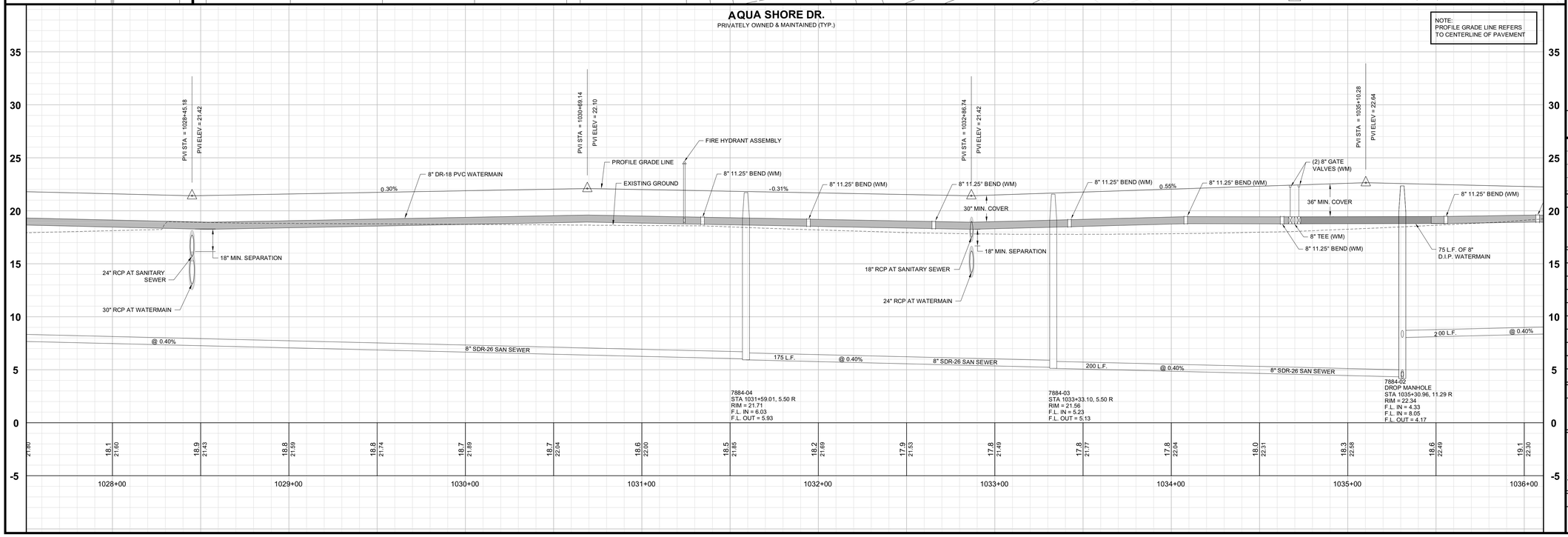
APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

PLAN AND PROFILE AQUA SHORE DR. STA:1023+00 TO 1028+00

PROJECT / FILE NO.	SHEET NUMBER
23526	C15.3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018





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NOTE:
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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

PULTE HOME CORPORATION
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SUITE 300
BONITA SPRINGS, FLORIDA 34134
PHONE (239) 498-7711
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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:49 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

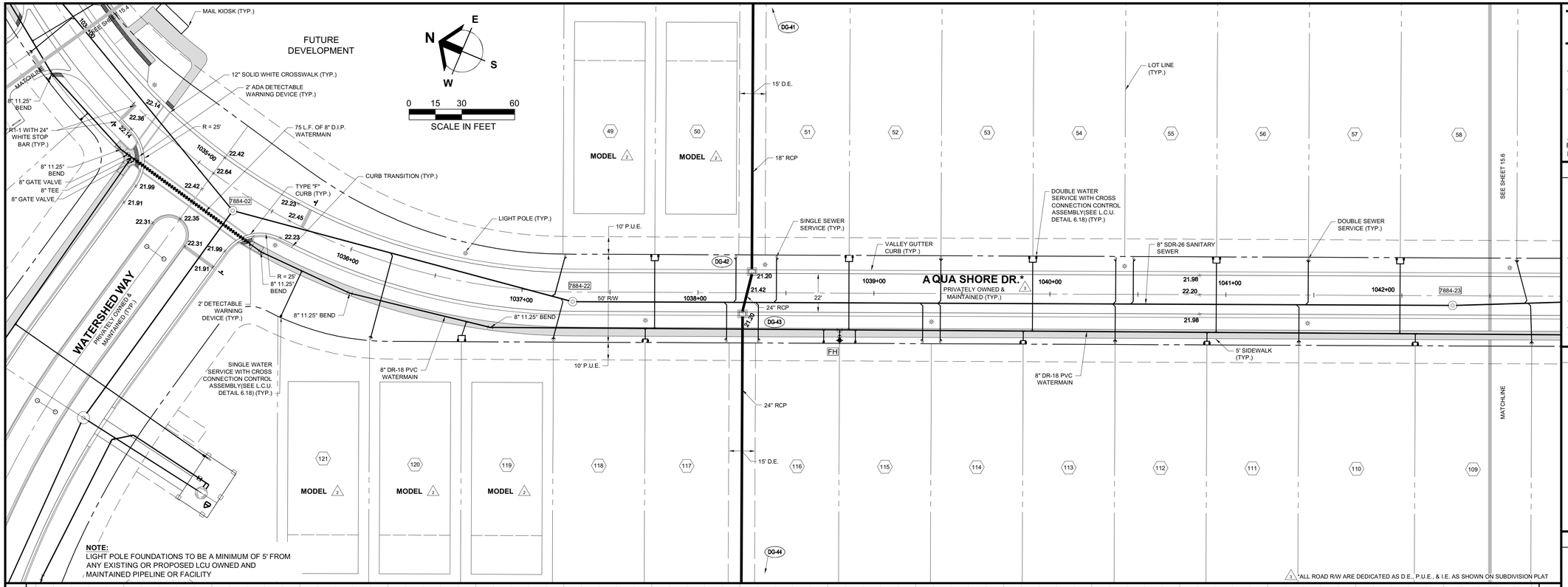
PLAN STATUS

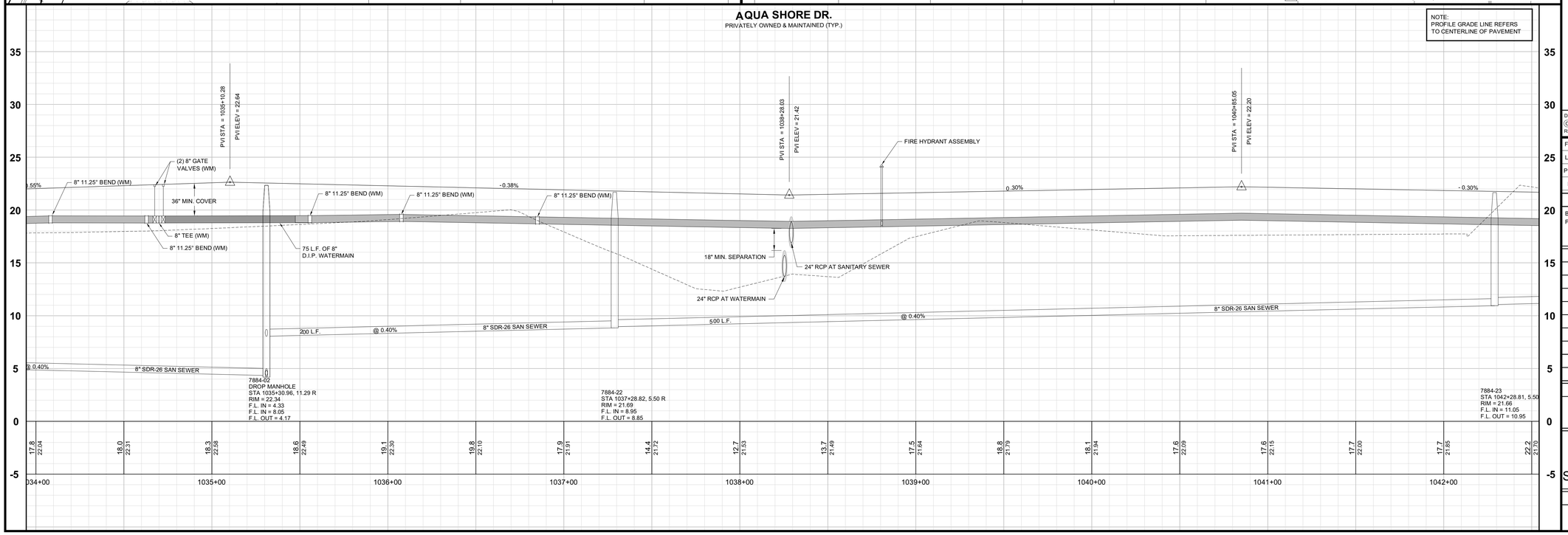
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

PLAN AND PROFILE AQUA SHORE DR. STA:1028+00 TO 1034+00

PROJECT / FILE NO.	SHEET NUMBER
23526	C15.4

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018





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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:50 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

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4-8-18	DO COMMENTS DATED 4-4-18 (3)

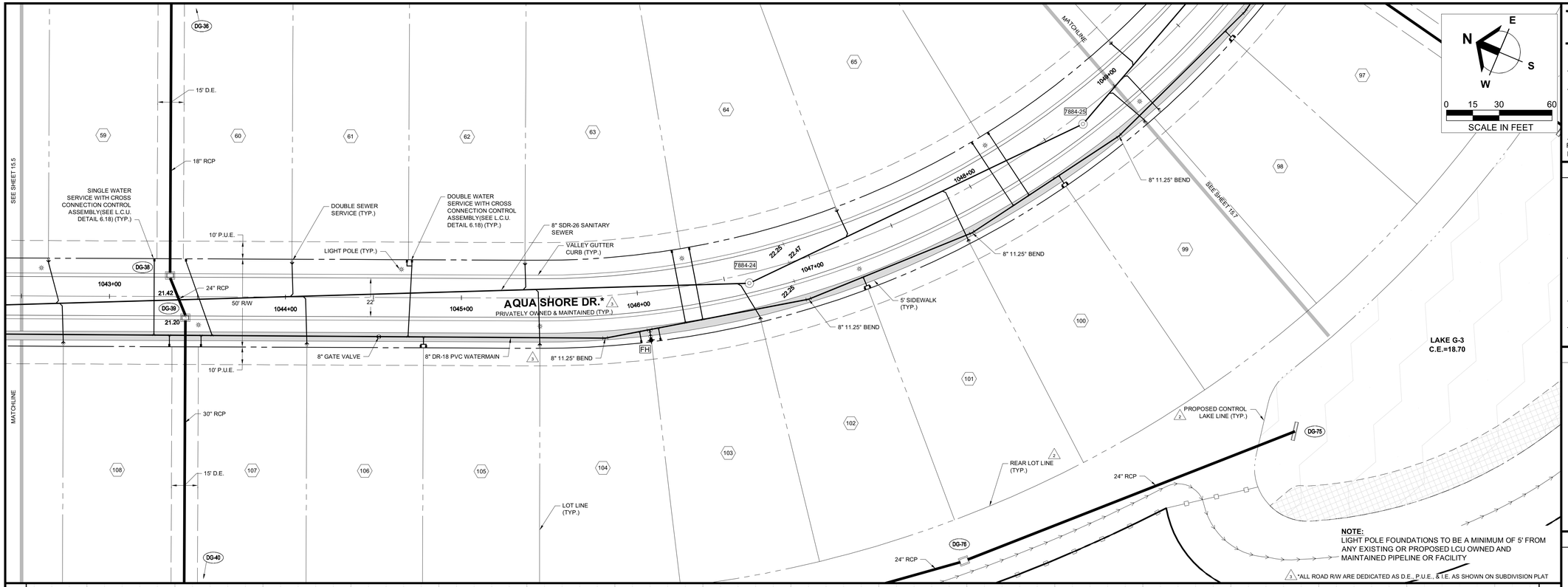
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

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

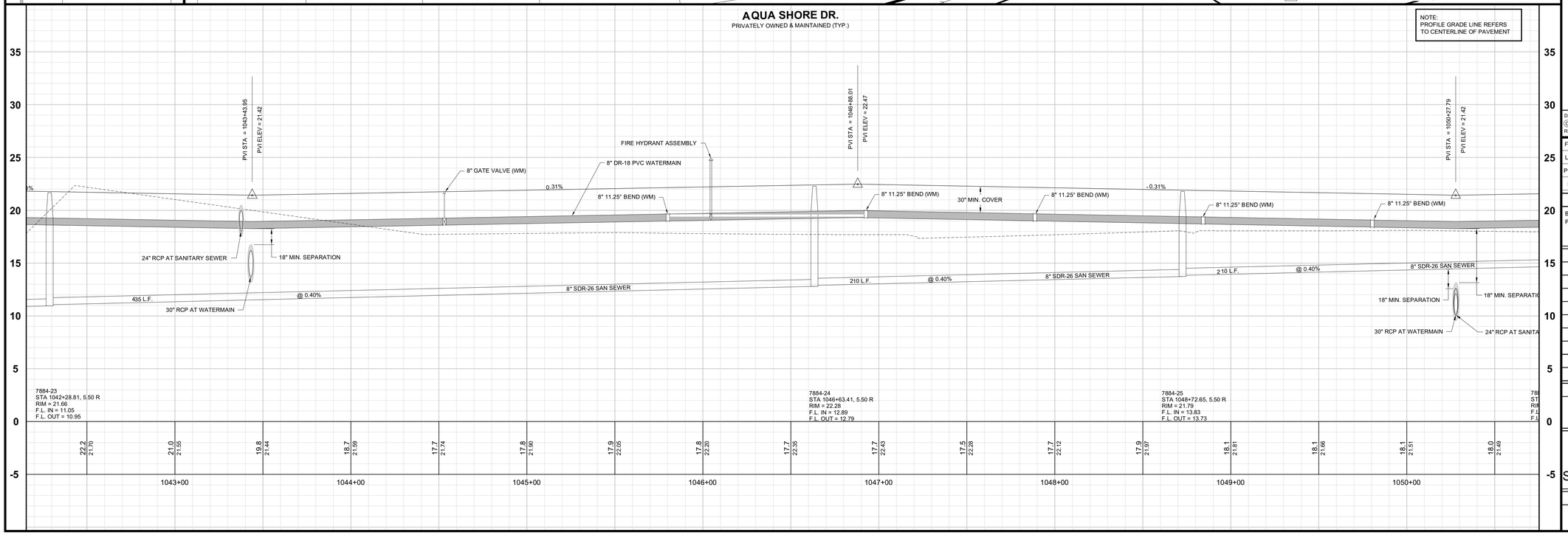
PROJECT / FILE NO.	SHEET NUMBER
23526	C15.5

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:50 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

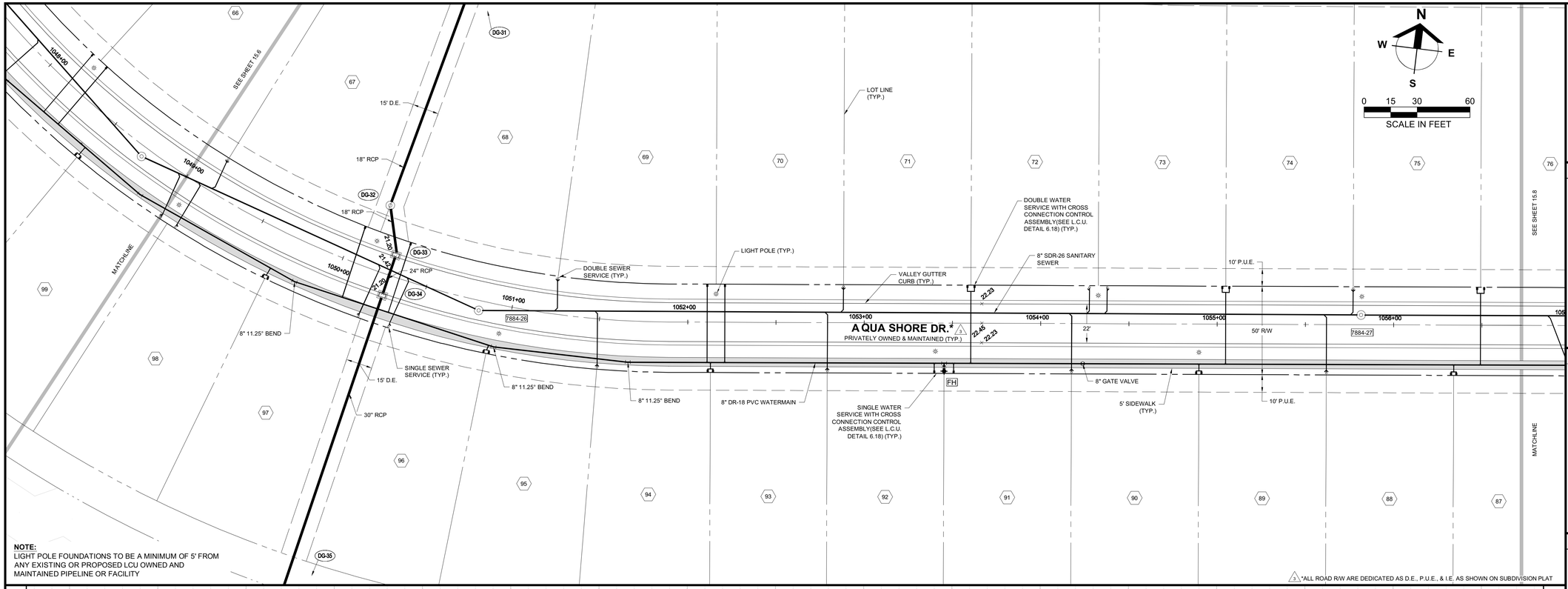
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

PLAN AND PROFILE AQUA SHORE DR. STA:1042+50 TO 1049+00

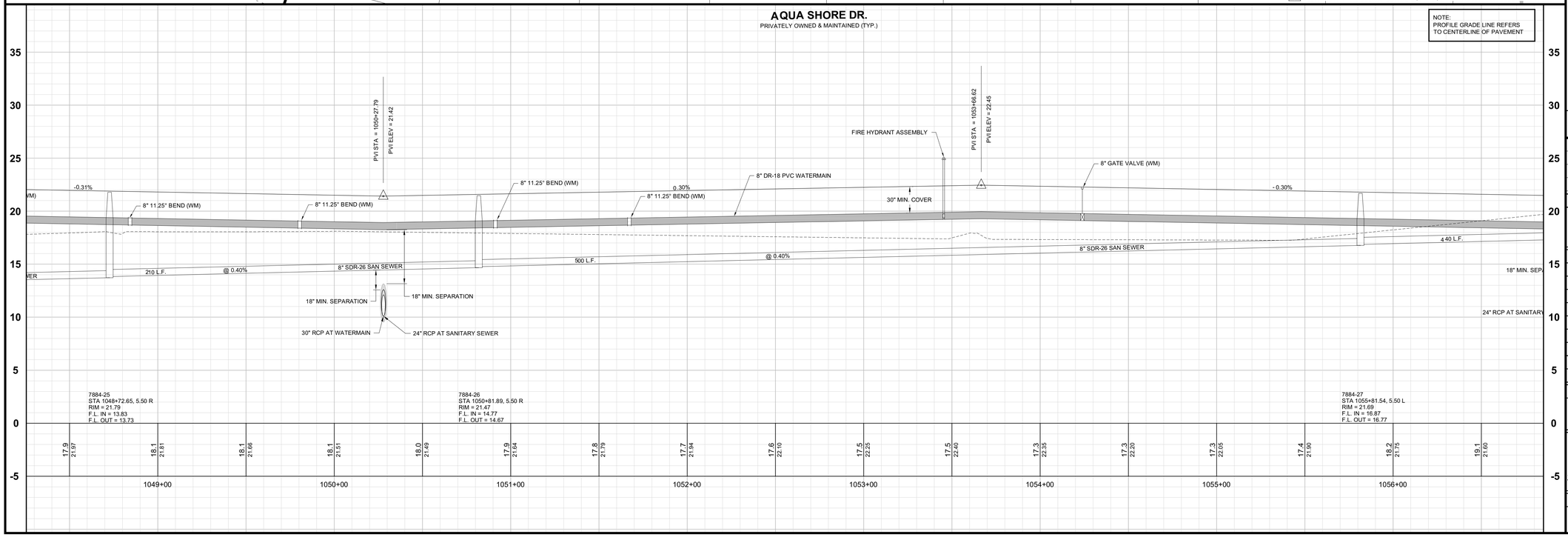
PROJECT / FILE NO.	SHEET NUMBER
23526	C15.6

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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PHONE (239) 498-7711
FAX (239) 498-7707
WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:50 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

4-8-18	DO COMMENTS DATED 4-4-18 (3)

PLAN STATUS

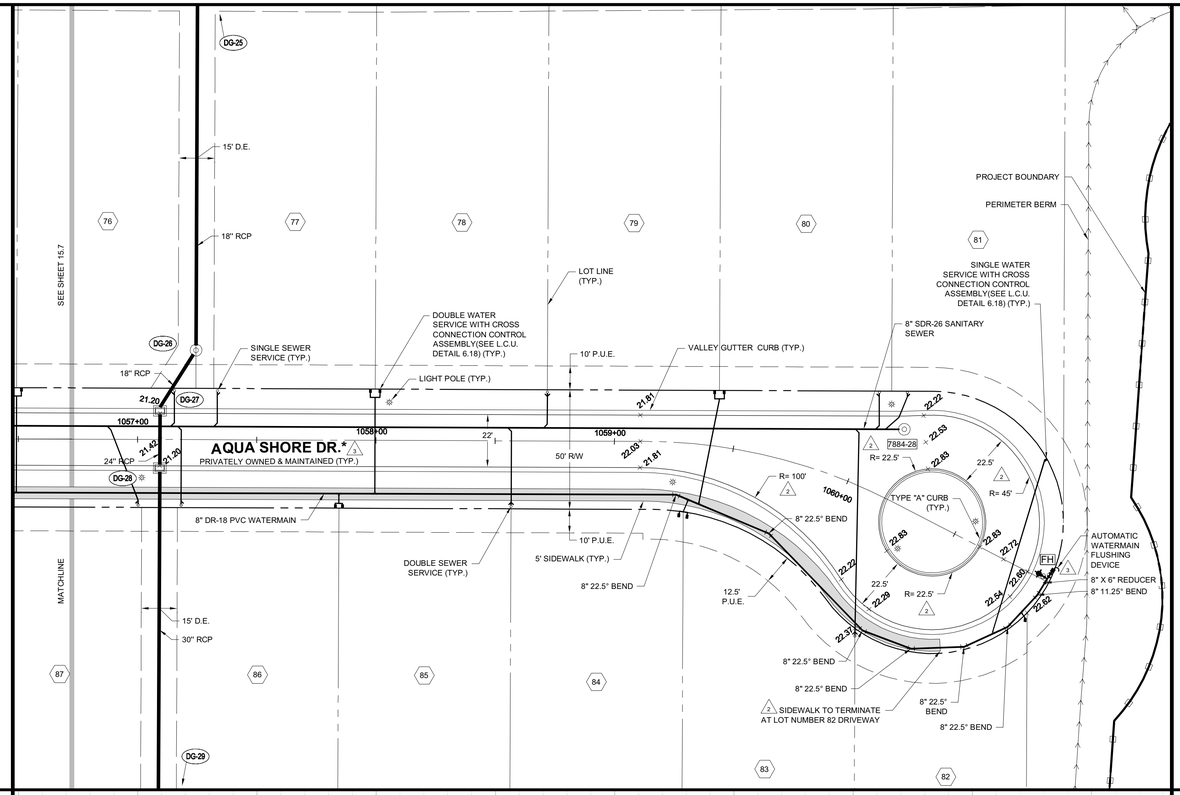
APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

PLAN AND PROFILE AQUA SHORE DR. STA:1049+00 TO 1056+70

PROJECT / FILE NO.	SHEET NUMBER
23526	C15.7

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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



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

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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

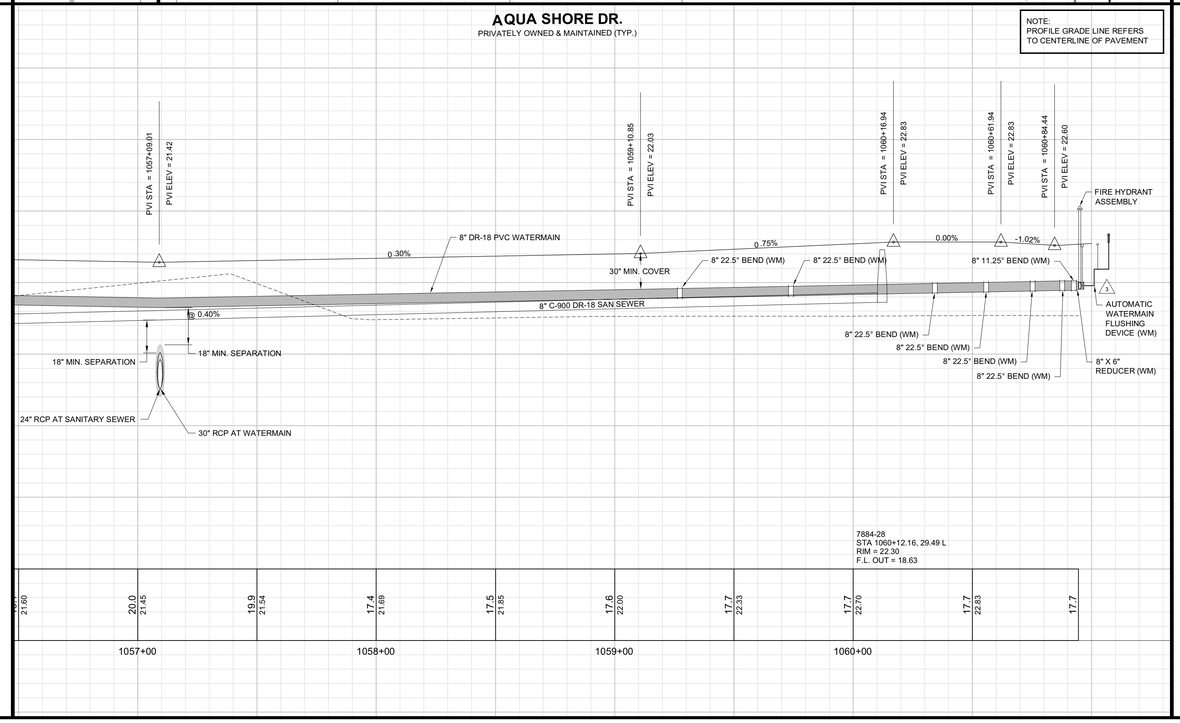
LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

AQUA SHORE DR.
PRIVATELY OWNED & MAINTAINED (TYP.)

NOTE:
PROFILE GRADE LINE REFERS TO CENTERLINE OF PAVEMENT



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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:50 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

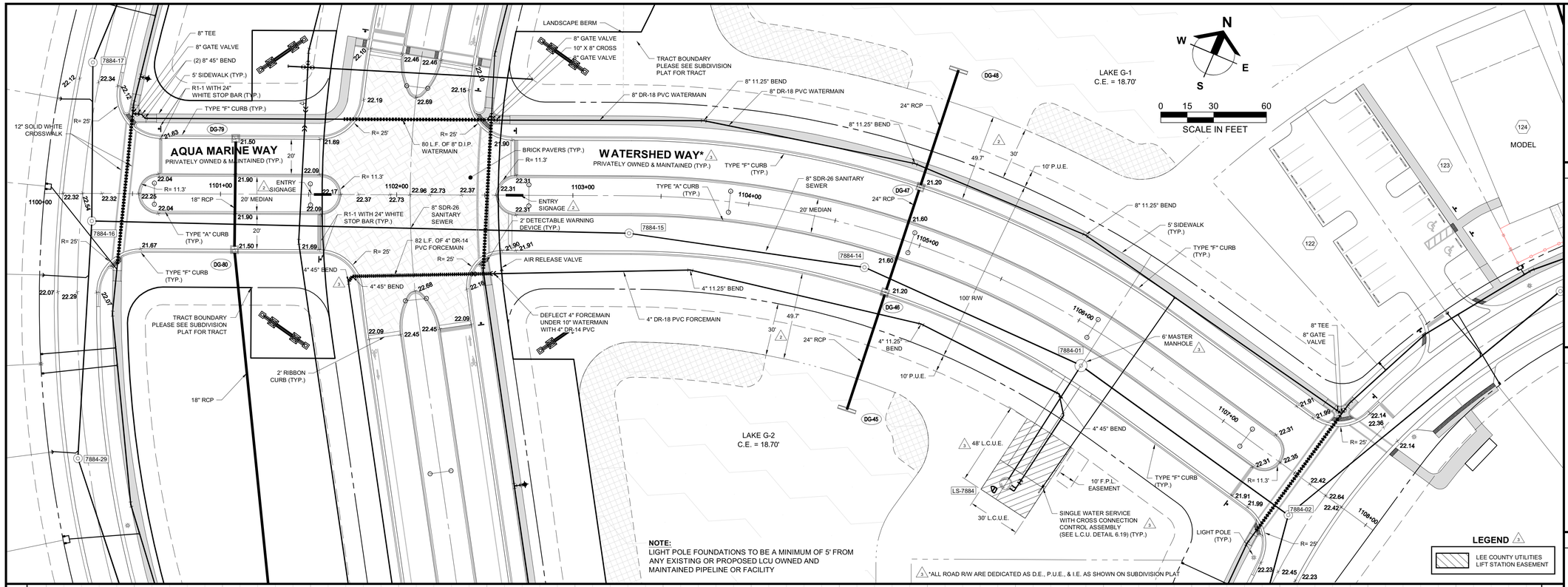
PLAN STATUS

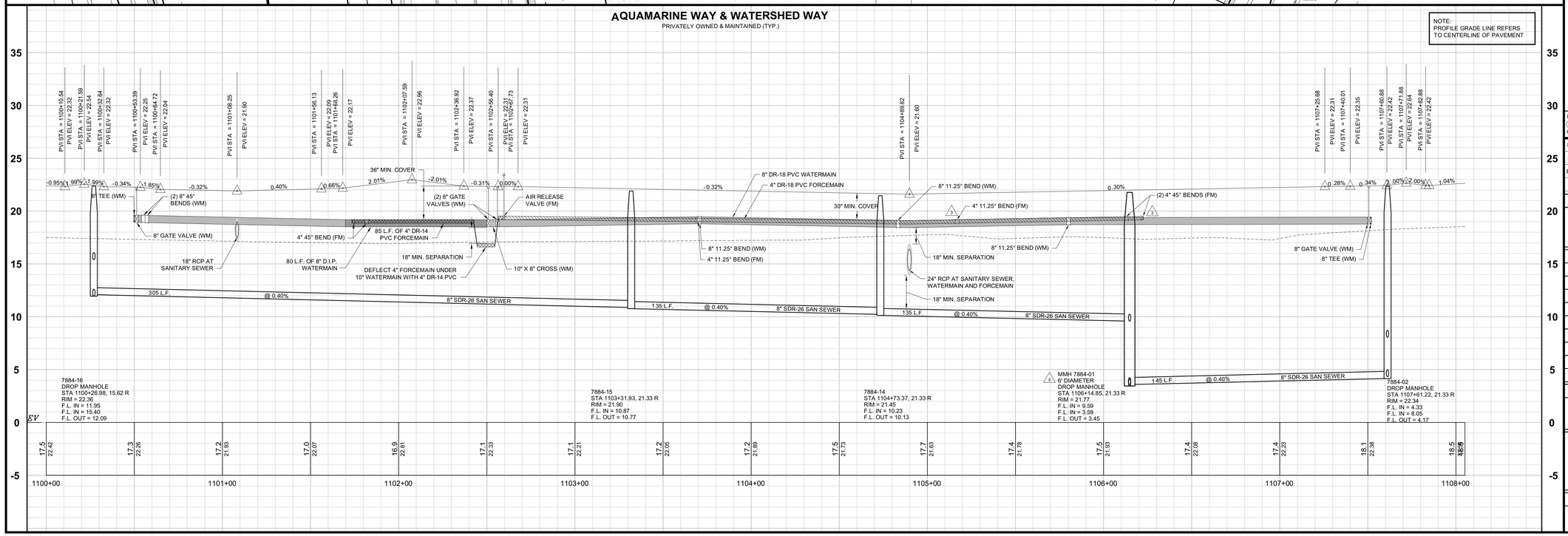
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

PLAN AND PROFILE AQUA SHORE DR. STA:1056+70 TO END

PROJECT / FILE NO.	SHEET NUMBER
23526	C15.8

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018





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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

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A30G.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 4:30 PM
PLOT BY	GUY SAPEN

CROSS REFERENCED DRAWINGS

PROFILE = 23526A00P.DWG

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (2)
4-8-18	DO COMMENTS DATED 4-4-18 (3)

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

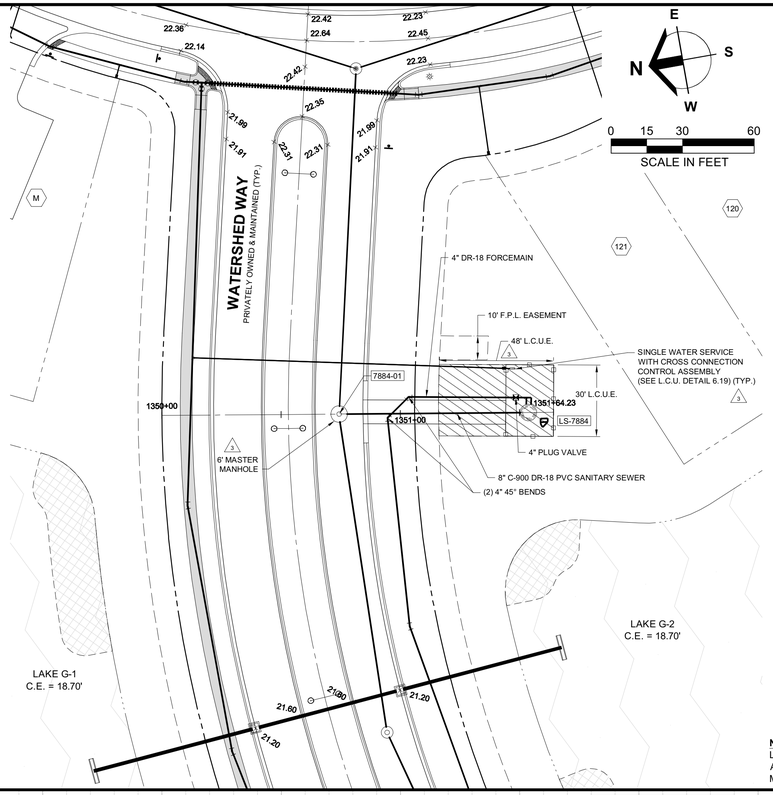
PLAN AND PROFILE

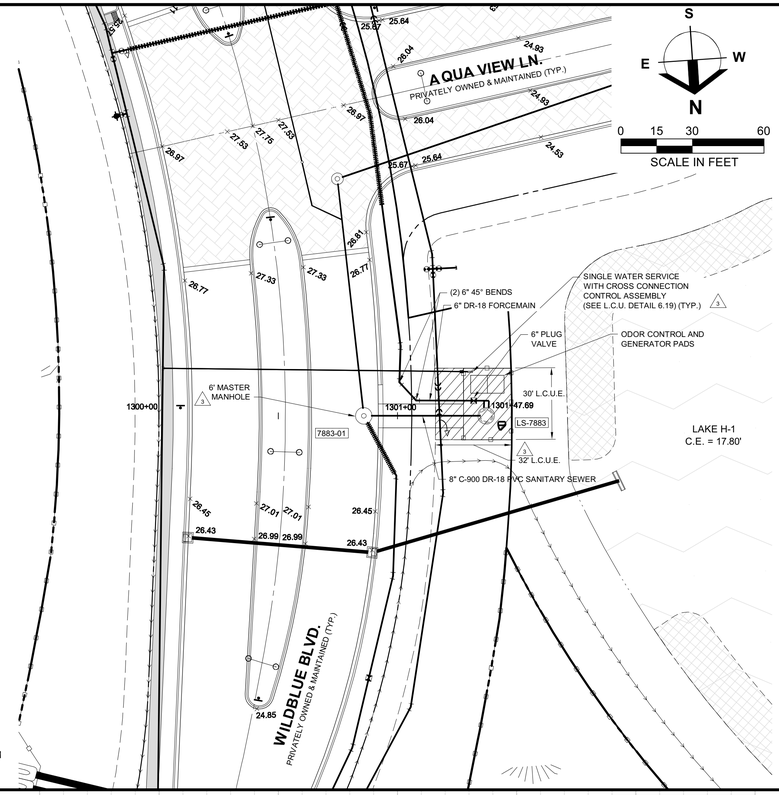
AQUAMARINE & WATERSHED WAY

STA: 1100+00 TO END

PROJECT / FILE NO.	SHEET NUMBER
23526	C16.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018





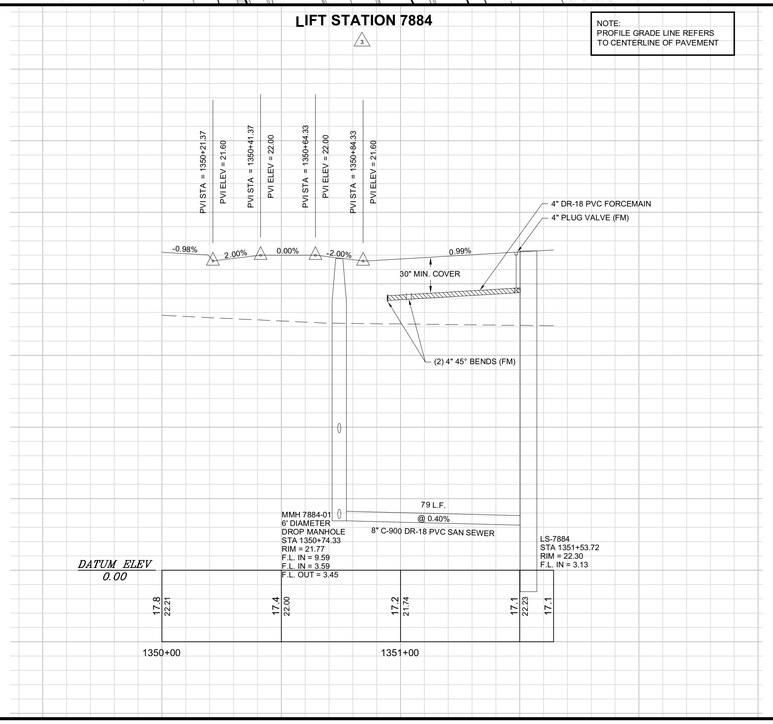
LEGEND 3

LEE COUNTY UTILITIES LIFT STATION EASEMENT

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

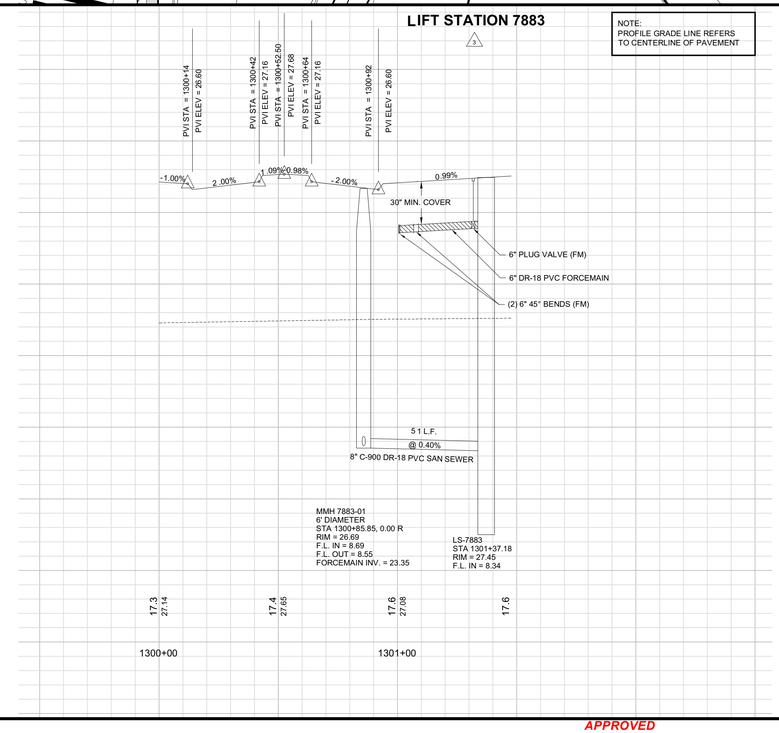
LIFT STATION 7884

NOTE:
PROFILE GRADE LINE REFERS TO CENTERLINE OF PAVEMENT



LIFT STATION 7883

NOTE:
PROFILE GRADE LINE REFERS TO CENTERLINE OF PAVEMENT



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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
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FILE NAME	23526A30H.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:51 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PROFILE = 23526A00P.DWG

PLAN REVISIONS

4-8-18	DO COMMENTS DATED 4-4-18 1

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

PLAN AND PROFILE LIFT STATION 7883 & 7884

PROJECT / FILE NO.	SHEET NUMBER
23526	C17.0

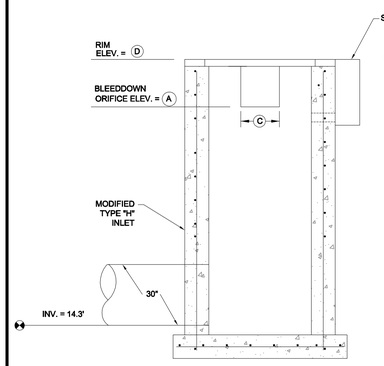
APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

CONTROL STRUCTURE SCHEDULE:

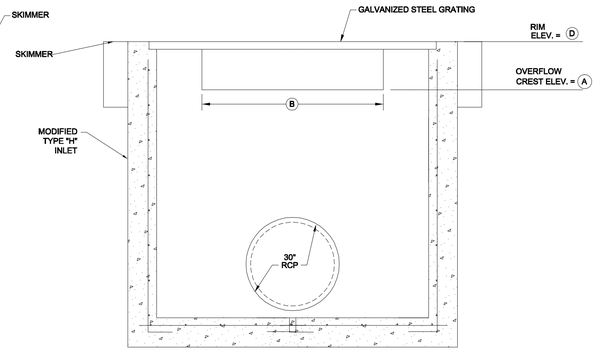
	A	B	C	D
CS-WBLS-1 & 2	19.3'	9.5"	-	20.5'

CONTROL STRUCTURE PARAMETERS

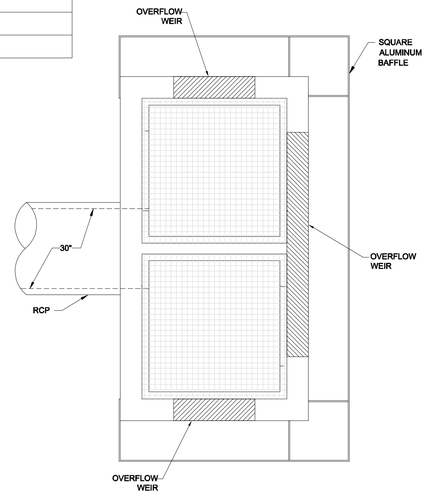
A	INVERT OF OVERFLOW WEIR (FT-NAVD)
B	WIDTH OF FRONT WEIR (INCHES)
C	WIDTH OF SIDE WEIRS (INCHES)
D	RIM ELEVATION OF STRUCTURE (FT-NAVD)



SIDE



SECTION

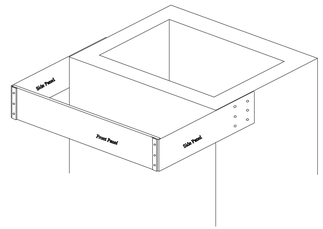


PLAN

CONTROL STRUCTURES: GROUP 5

CS-WBLS-1 & 2

SKIMMER FOR OUTLET CONTROL STRUCTURES



PICTORIAL VIEW

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

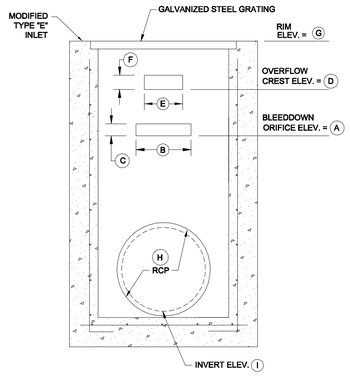
1. THIS SKIMMER IS INTENDED FOR USE ON TYPE C, D, OR E DITCH BOTTOM INLETS THAT ARE USED AS OUTLET CONTROL STRUCTURES OF STORMWATER MANAGEMENT FACILITIES.
2. THE SIDE PANELS ARE DIMENSIONALLY SYMMETRIC, THEREFORE THEY MAY BE USED ON EITHER SIDE OF THE STRUCTURE.
3. TWO (2) SKIMMERS MAY BE CONSTRUCTED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

CONTROL STRUCTURE SCHEDULE:

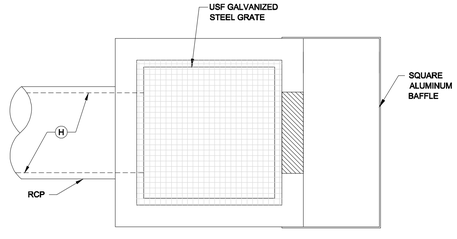
	A	B	C	D	E	F	G	H	I
CS-F-2	19.5'	12.0"	4.0"	20.3'	10.0"	2.0"	23.0'	24"	15.0'
CS-G-1 & CS-G-2	18.7'	17.0"	3.0"	20.3'	4.0"	2.0"	22.1'	24"	15.2'
CS-H-1 & CS-H-2	17.8'	11.0"	2.0"	22.9'	2.0"	3.0"	20.9'	24"	14.3'

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)



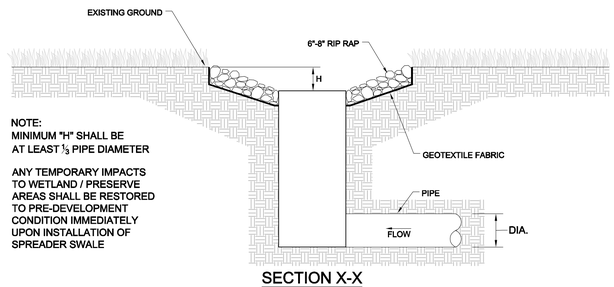
SECTION



PLAN

CONTROL STRUCTURES: GROUP 1

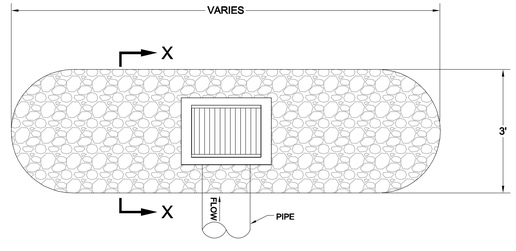
CS-G-1&2, CS-H-1&2



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
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
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FILE NAME	23526A42.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:51 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

CONTROL STRUCTURE DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23526	C18.0

LOT DIMENSIONS TABLE

LOT #	WIDTH (')	DEPTH (')	AREA (SF)
MIN.	50	100	5,000
1	76.1	165.2	11,798
2	75.2	175.6	13,202
3	75.2	185.7	13,962
4	72.2	195.9	13,917
5	76.0	159.7	12,057
6	79.8	165.4	12,504
7	79.8	168.0	12,690
8	79.8	165.8	12,545
9	79.8	167.6	12,664
10	83.1	170.3	13,379
11	83.1	167.9	13,204
12	79.8	160.4	12,158
13	73.5	155.4	11,558
14	72.2	204.1	14,639
15	72.2	220.2	15,697
16	66.2	204.7	13,549
17	66.2	188.6	12,487
18	66.2	176.7	11,699
19	69.2	170.3	11,786
20	69.2	165.7	11,472
21	66.2	164.7	10,901
22	66.2	163.7	10,834
23	66.2	162.6	10,767
24	66.2	161.6	10,710
25	66.2	168.7	11,166
26	66.2	180.0	11,893
27	66.2	172.7	11,432
28	69.2	162.1	11,320
29	69.3	158.0	11,459
30	66.3	157.7	10,929
31	66.3	161.4	11,200
32	66.2	167.5	11,138
33	66.7	169.0	11,238
34	69.9	160.2	11,488
35	64.2	183.9	21,302
36	67.0	179.9	20,220
37	71.9	168.0	11,128
38	66.3	174.7	11,588
39	66.2	174.1	11,527
40	55.2	173.6	9,580
41	55.2	173.0	9,552
42	52.2	172.6	9,007
43	52.2	172.1	8,982
44	52.2	171.6	8,956
45	52.2	171.1	8,931
46	84.9	168.8	11,237
47	81.2	176.9	11,286
48	93.5	186.4	12,440
49	52.2	183.9	9,597
50	55.2	175.6	9,693
51	55.2	167.4	9,286
52	52.2	166.8	8,707
53	52.2	166.3	8,680
54	52.2	165.8	8,653
55	52.2	165.2	8,625
56	52.2	164.8	8,599
57	52.2	165.4	8,637
58	66.2	167.9	11,117
59	69.2	170.8	11,818
60	69.2	173.7	12,019
61	66.2	176.5	11,686
62	66.2	179.3	11,871
63	84.7	181.2	13,242
64	87.1	173.6	12,971
65	87.1	156.6	12,117
66	87.1	163.9	12,392
67	91.0	165.7	13,214
68	99.0	182.1	15,297
69	86.6	185.9	14,356
70	72.2	180.6	13,045
71	72.2	175.2	12,652
72	72.2	169.8	12,259
73	72.2	164.9	11,935
74	72.2	164.6	11,884
75	72.2	164.4	11,873
76	75.2	164.3	12,353
77	75.2	164.1	12,340
78	72.2	164.4	11,869
79	72.2	165.2	11,925
80	72.2	165.9	11,981
81	78.2	178.1	12,732
82	75.2	154.0	11,423
83	90.6	194.0	13,877
84	72.3	189.2	13,607
85	72.2	151.3	10,986
86	75.2	140.0	10,548
87	75.2	140.0	10,528
88	72.2	140.0	10,108
89	72.2	140.0	10,108

LOT #	WIDTH (')	DEPTH (')	AREA (SF)
MIN.	50	100	5,000
90	72.2	140.0	10,108
91	72.2	140.0	10,108
92	66.2	140.0	9,268
93	66.2	140.0	9,268
94	66.2	140.0	9,779
95	66.3	140.0	10,066
96	69.2	140.0	10,517
97	69.2	140.0	10,517
98	66.3	140.0	10,066
99	66.3	140.0	10,066
100	66.3	140.0	10,066
101	66.3	140.0	10,066
102	66.3	140.0	10,066
103	66.3	140.0	10,066
104	66.3	140.0	10,066
105	66.2	140.0	9,289
106	66.2	140.0	9,268
107	69.2	140.0	9,688
108	69.2	140.0	9,688
109	66.2	140.0	9,268
110	66.2	140.0	9,268
111	52.2	140.0	7,308
112	52.2	140.0	7,308
113	52.2	140.0	7,308
114	52.2	140.0	7,308
115	52.2	140.0	7,308
116	55.2	140.0	7,728
117	55.2	140.0	7,728
118	52.0	140.0	7,308
119	52.2	140.0	7,308
120	52.2	140.0	7,309
121	53.7	144.8	7,595
122	52.2	140.0	8,164
123	52.2	140.0	8,164
124	69.1	140.0	10,813
125	55.2	140.0	8,639
126	66.1	140.0	10,338
127	66.1	144.8	10,338
128	72.2	140.1	10,820
129	52.2	140.0	7,308
130	52.2	140.0	7,308
131	52.2	140.0	7,308
132	55.2	140.0	7,728
133	55.2	140.0	7,728
134	52.2	140.5	7,386
135	40.0	166.2	15,648
136	159.2	162.9	18,098
137	73.2	140.0	9,846
138	76.5	140.0	10,272
139	72.9	140.0	9,981
140	66.2	140.0	9,268
141	66.2	140.0	9,268
142	66.2	140.0	9,268
143	66.2	140.0	9,268
144	66.2	140.0	9,268
145	66.2	140.0	9,268
146	101.1	220.3	18,076
147	68.0	169.6	16,276
148	72.2	160.1	12,090
149	72.2	156.2	11,796
150	75.3	155.9	12,234
151	75.3	155.5	11,814
152	72.2	156.2	11,278
153	72.2	156.9	11,328
154	72.2	157.7	11,378
155	72.2	158.3	11,428
156	66.2	159.0	10,523
157	66.2	159.2	10,531
158	66.2	157.0	11,084
159	69.2	156.5	11,704
160	69.2	159.7	11,957
161	66.2	163.9	11,758
162	66.2	166.9	11,996
163	66.2	168.7	12,141
164	66.2	169.3	12,191
165	52.2	165.2	9,382
166	52.2	161.4	9,094
167	52.2	155.9	8,797
168	52.2	155.0	8,738
169	52.2	157.5	8,882
170	55.3	160.2	9,577
171	55.2	162.9	9,397
172	55.2	164.2	8,568
173	56.1	166.0	13,802
174	54.6	156.0	14,520
175	54.0	150.3	9,149
176	137.3	157.3	15,614
177	69.2	140.0	9,712
178	66.2	140.0	9,268

LOT #	WIDTH (')	DEPTH (')	AREA (SF)
MIN.	50	100.0	5,000
179	66.2	140.0	9,268
180	66.2	140.0	9,268
181	69.2	140.0	9,688
182	69.2	140.0	9,688
183	52.2	140.0	8,307
184	52.2	140.0	8,307
185	52.3	140.0	7,579
186	55.2	140.0	7,728
187	55.3	140.0	7,721
188	55.2	140.0	7,725
189	55.2	140.0	7,728
190	59.9	140.1	7,924
191	92.8	140.0	10,536
192	92.8	140.0	10,536
193	98.2	140.0	11,144
194	69.3	140.3	8,853
195	52.2	140.0	7,308
196	52.2	140.0	7,308
197	85.4	140.0	11,871
198	55.2	140.0	7,728
199	55.2	140.0	7,728
200	52.2	141.3	7,398
201	52.6	152.4	7,955
202	57.3	154.4	8,015
203	51.3	145.2	11,264
204	51.0	145.0	12,089
205	51.0	145.0	12,089
206	51.0	145.0	12,089
207	51.0	145.0	12,089
208	71.4	153.9	9,855
209	53.1	157.3	8,186
210	52.2	143.1	7,492
211	52.2	140.0	7,309
212	52.2	140.0	7,308
213	52.2	140.0	7,308
214	52.2	140.0	7,308
215	83.7	140.0	11,627
216	52.2	140.0	7,320
217	52.2	140.0	7,308
218	55.2	140.0	7,728
219	55.2	140.0	7,728
220	52.2	142.4	7,469
221	61.7	161.5	9,135
222	64.7	171.3	8,882
223	54.3	140.8	7,426
224	64.9	158.6	8,520
225	80.6	158.9	11,616
226	52.2	140.0	7,308
227	52.2	140.0	7,308
228	52.2	140.0	7,308
229	52.2	140.0	7,308
230	55.2	140.0	7,728
231	55.2	140.0	7,728
232	66.2	140.0	9,268
233	66.2	140.0	9,268
234	66.2	140.0	9,268
235	66.2	140.0	9,268
236	66.2	140.0	9,268
237	66.2	140.0	9,268
238	66.2	140.0	9,268
239	66.2	140.0	9,268
240	69.3	140.1	9,723
241	71.1	149.0	10,351
242	73.0	174.0	11,536
243	83.6	214.2	14,080
244	82.3	185.8	12,286
245	68.9	147.5	9,823
246	66.2	140.0	9,272
247	75.2	140.0	10,528
248	75.2	140.0	10,528
249	77.2	140.0	10,108
250	72.2	140.0	10,108
251	72.2	140.0	10,108
252	75.2	140.0	10,528
253	75.2	140.0	10,528
254	72.2	140.0	10,108
255	72.9	144.2	12,040
256	76.0	202.7	16,379

Estero Fire Rescue

Hydrant Flow Test By Hydrant

Hydrant Number = "15-050" and Date Between {10/25/2017} And {10/25/2017}

15-050 Corkscrew RD & Cypress Shadows BLVD /1st on left MUELLER BSR

Date	Static	Residual	Pitot	Pitot 2	GPM	20 PSI	10 PSI	0 PSI
10/25/2017	70	60	37.00	0.00	1021	2435	2687	2920
668	Green, Phillip Wayne							
				Min:	1021	2435	2687	2920
Subtotal Flow Tests:		1		Max:	1021	2435	2687	2920
				Avg:	1021	2435	2687	2920

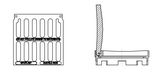
Total Flow Tests: 1

10/25/2017 10:19 Page 1

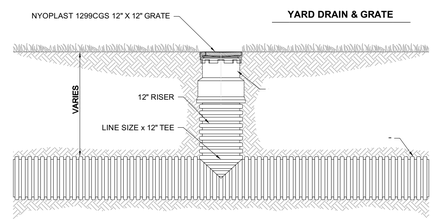
* Scheduled Flow Test

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.

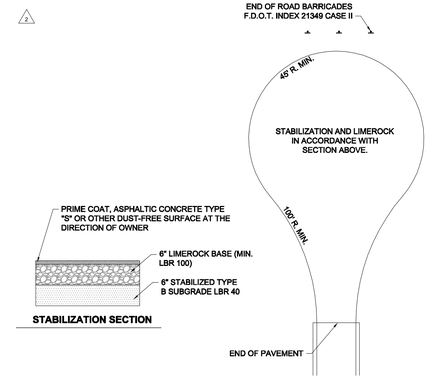


YARD DRAIN & GRATE



RESIDENTIAL YARD DRAIN

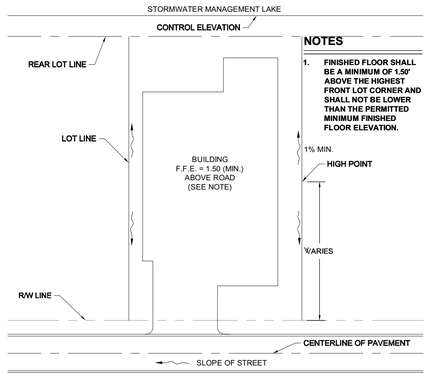
N.T.S.



STABILIZATION SECTION

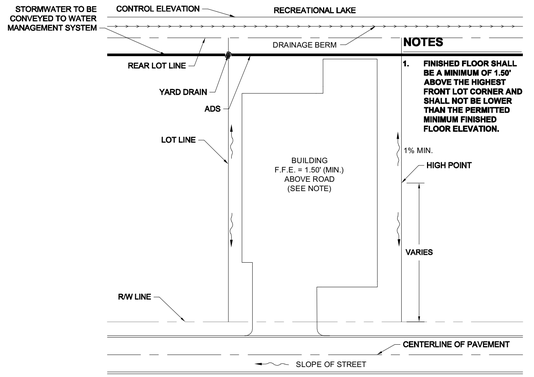
TEMPORARY TURN AROUND

N.T.S.



WATER MANAGEMENT LAKE TYPICAL LOT GRADING PLAN

N.T.S.



RECREATIONAL LAKE TYPICAL LOT GRADING PLAN

N.T.S.

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

PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A44.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:52 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (1)

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

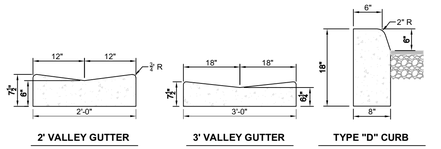
TYPICAL CONSTRUCTION DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23526	C19.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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.



TYPE "A" CURB | TYPE "E" CURB | TYPE "F" CURB

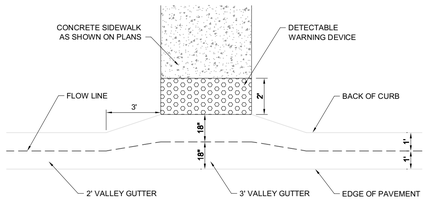
2' VALLEY GUTTER | 3' VALLEY GUTTER | TYPE "D" CURB

CONCRETE CURB

N.T.S.

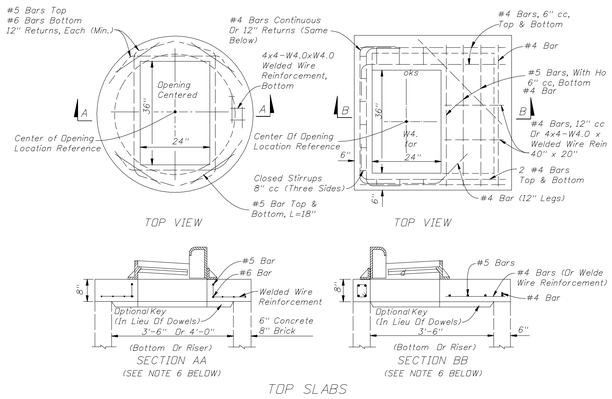
NOTES

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.



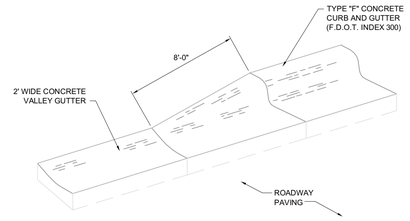
NOTE: FOR MORE INFORMATION SEE FDOT INDEX #214

TYPE 9 CURB INLET

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.

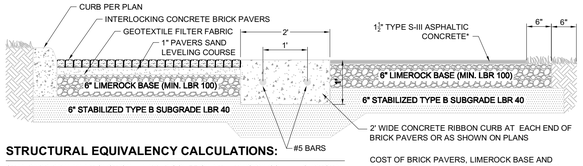


VALLEY GUTTER TO "F" CURB TRANSITION

N.T.S.

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.

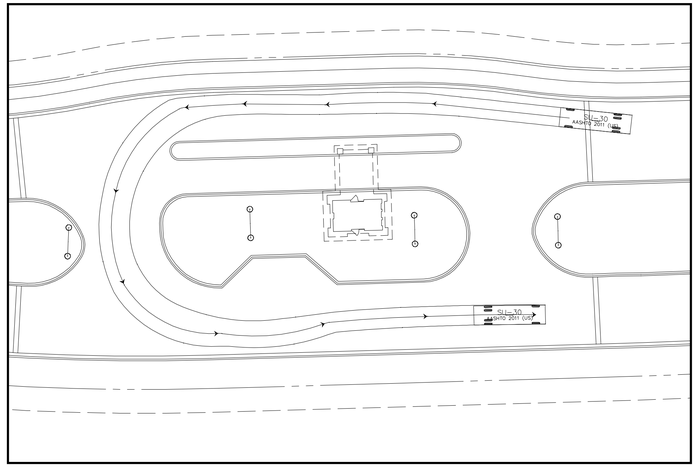
COST OF BRICK PAVERS, LIMEROCK BASE AND SAND TO BE INCLUDED IN UNIT COST FOR BRICK PAVERS. COST OF SUBGRADE TO BE INCLUDED IN UNIT COST FOR STABILIZED SUBGRADE.

* 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.



△2 **TURN-AROUND DETAIL**

(SU-30)

1" = 30'

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A44.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:52 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 △2

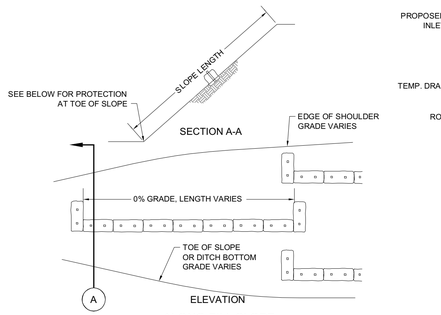
PLAN STATUS

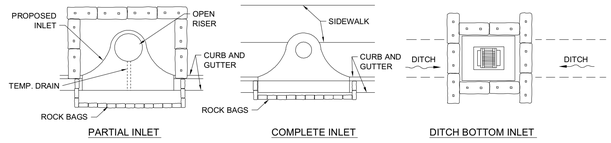
APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

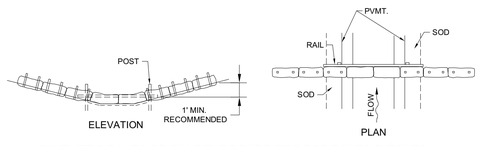
TYPICAL CONSTRUCTION DETAILS

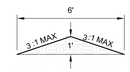
PROJECT / FILE NO.	SHEET NUMBER
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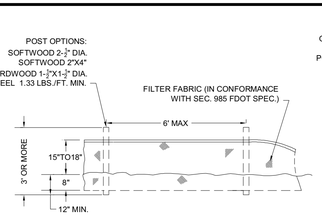
APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

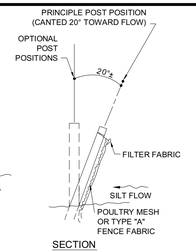


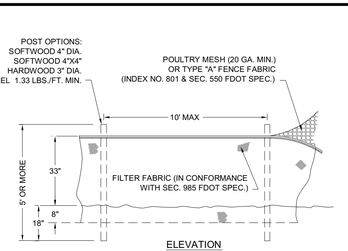


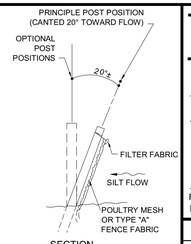


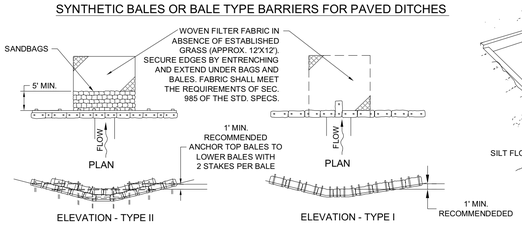


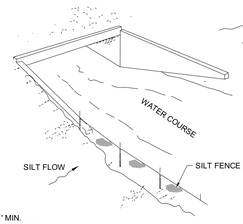


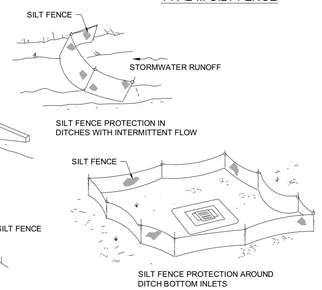


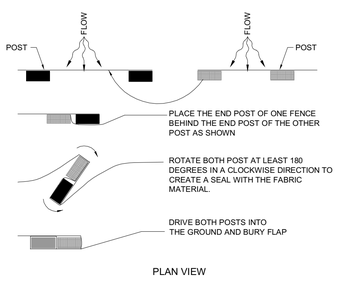


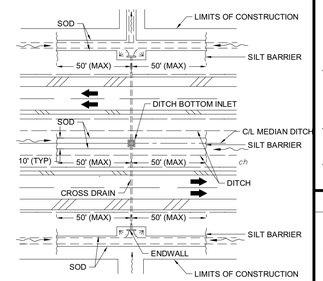






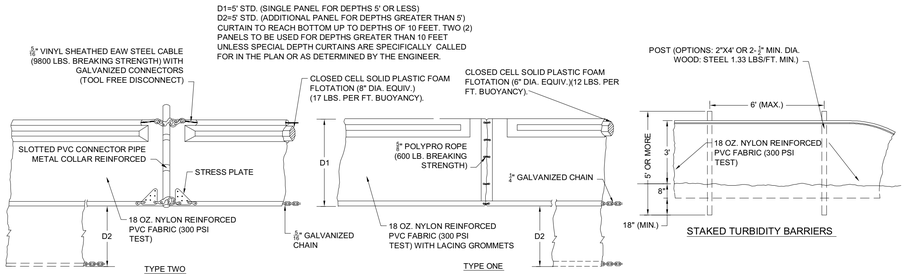


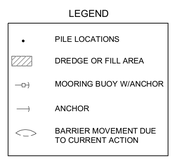


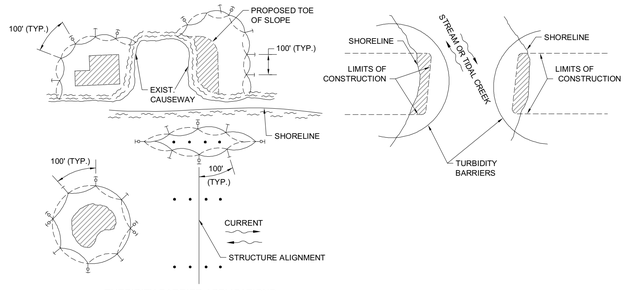


TEMPORARY EROSION AND SEDIMENT CONTROL DETAILS

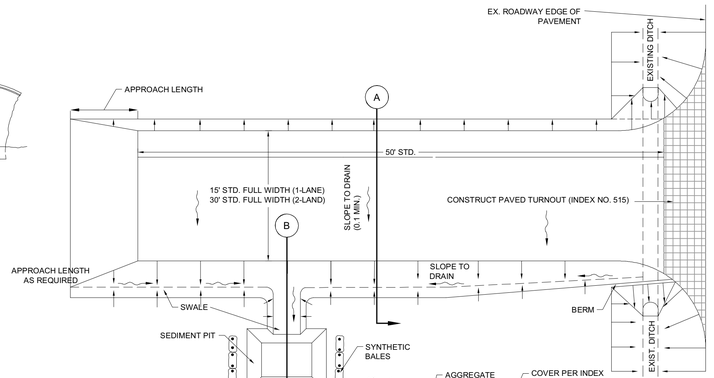
NOTE: NOT ALL NOTES, DETAILS, SYMBOLS OR OTHER STANDARDS SHOWN ON THIS SHEET MAY BE APPLICABLE TO THIS PROJECT







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.

Barraco and Associates, Inc.
CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING - LANDSCAPE DESIGN
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

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A50.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:52 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

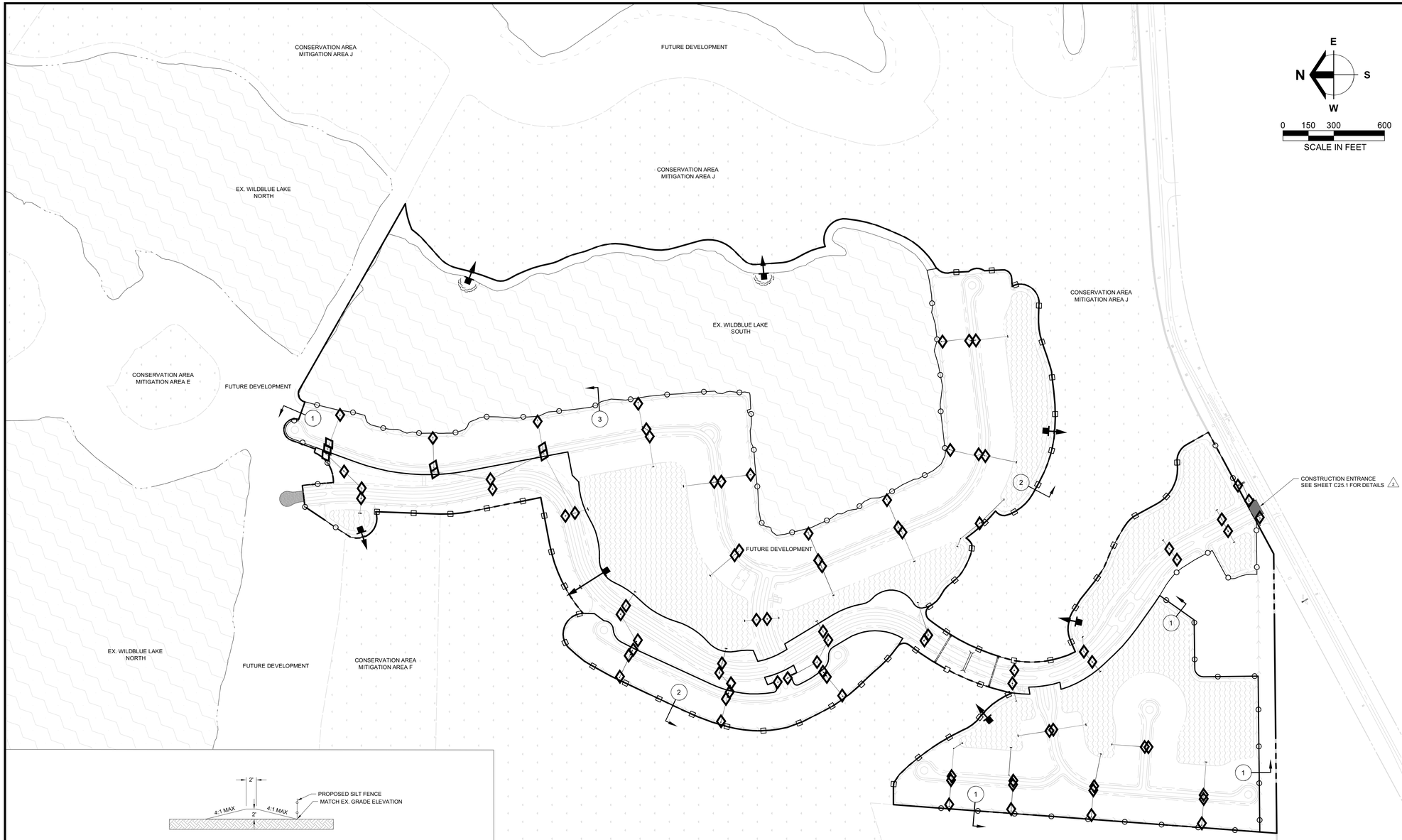
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

EROSION CONTROL DETAILS

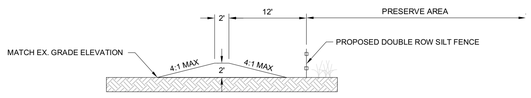
PROJECT / FILE NO.	SHEET NUMBER
23526	C20.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



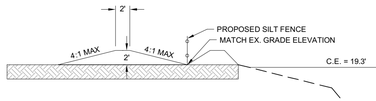
1 TEMPORARY EROSION CONTROL BERM

N.T.S.



2 TEMPORARY EROSION CONTROL BERM @ PRESERVE

N.T.S.



3 TEMPORARY EROSION CONTREOL BERM @ REC. LAKE

N.T.S.

LEGEND

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

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ENGINEER OF RECORD

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FILE NAME	23526A52.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:53 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

2-19-18	DO COMMENTS DATED 2-16-18 (1)

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

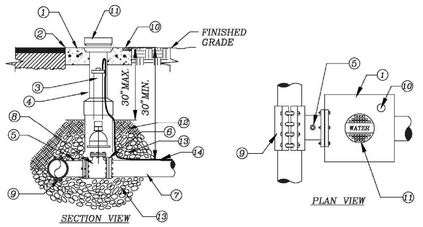
STORMWATER POLLUTION PREVENTION PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	C21.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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

N.T.S.

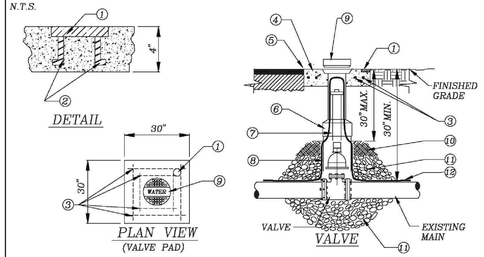


1. CONCRETE PAD (SEE VALVE INSTALLATION DETAIL)
2. SET TOP OF BOX FLUSH WITH FINISHED GRADE
3. EXTENSION STEM IF TOP OF OPERATING NUT IS MORE THAN 30" BELOW FINISH GRADE
4. VALVE BOX (SEE VALVE INSTALLATION DETAIL)
5. OUTLET FOR TESTING
6. MJ RESTRAINED
7. MAIN SIZE VARIES
8. TAPPING VALVE (SEE VALVE 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.

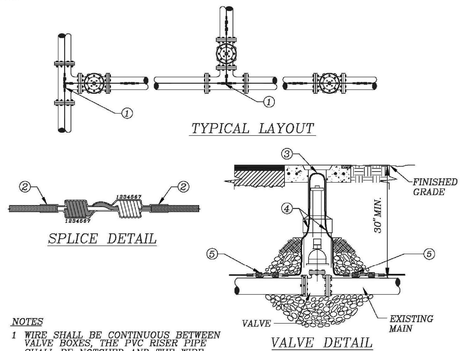


1. BRASS PLATE: SIZE OF VALVE, VALVE TYPE No. OF TURNS & DIRECTION TO OPEN VALVE M.F.G. & YEAR INSTALL SYSTEM "WATER" OR "SEWER" OR "REUSE" OR "FIRE"
2. ANCHOR
3. EIGHT (8) #4 BARS OVERLAP EACH CORNER BY 2"
4. 30"SQ X 4" THK.CONC.PAD SURROUNDING BOX, MIN. 3,000 P.S.I. POURED IN PLACE
5. SET TOP OF BOX 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

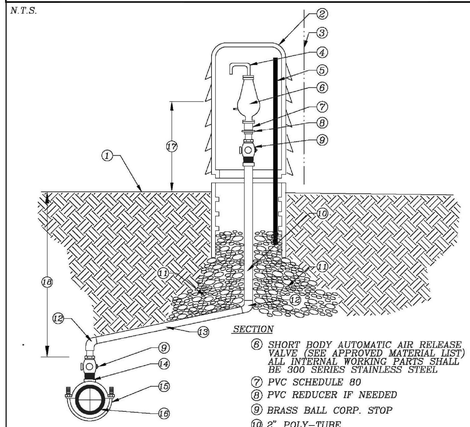
1. WIRE SHALL BE CONTINUOUS BETWEEN VALVE BOXES. THE PVC RISER PIPE SHALL BE NOTCHED AND THE WIRE ATTACHED TO THE RISER PIPE TO ALLOW FOR THE WIRE TO FIT INSIDE THE CAST IRON VALVE BOX WITHOUT SHEARING THE WIRE.
2. LOCATING WIRE SHALL BE LAID ON TOP OF THE MAIN AND SHALL BE TAPED TO IT AT 10' INTERVALS 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.

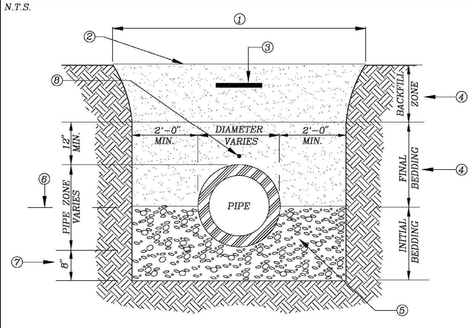


1. FINISHED GRADE
2. PEDESTAL HOUSING (SEE APPROVED MATERIAL LIST) COLORS: BLUE–WATER, GREEN–SEWER, PANTONE–REUSE
3. EDGE OF RIGHT–OF–WAY
4. PVC STREET ELL
5. S.S. POST WITH S.S. HARDWARE AND S.S. LOCKING HASP WITH BRASS LOCK
6. SHORT BODY AUTOMATIC AIR RELEASE VALVE (SEE APPROVED MATERIAL LIST) ALL 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.

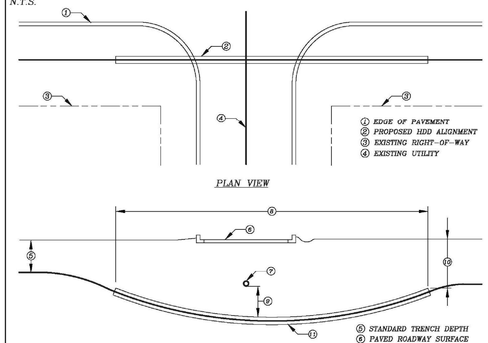


1. EXCAVATED TRENCH
2. FINISHED GRADE
3. MARKING TAPE 12" DEPTH MAX.
4. MATERIALS CLEAN DRY SAND, FINE LIME ROCK OR PIT SHELL MECHANICALLY COMPACTED IN 6" LIFTS TO AT LEAST 95% OF MAX. DENSITY, OR 98% IF UNDER PAVED AREA OF ROADWAY.
5. #57 STONE LOCATED UNDER PIPE OR EXISTING UNDISTURBED SUITABLE MATERIAL
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. 6.7
LEE COUNTY UTILITIES
HORIZONTAL DIRECTIONAL DRILL UNDER A ROADWAY

N.T.S.



1. EDGE OF PAVEMENT
2. PROPOSED HDD ALIGNMENT
3. EXISTING RIGHT–OF–WAY
4. EXISTING UTILITY
5. STANDARD TRENCH DEPTH
6. PAVED ROADWAY SURFACE
7. EXISTING UTILITY
8. LENGTH OF HDD
9. 2' MINIMUM CLEARANCE
10. 30" MIN. / 48" MAX.
11. PROPOSED HDD ALIGNMENT

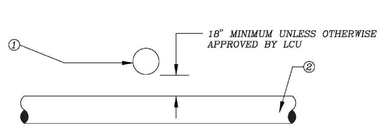
HDD INSTALLATION NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LEE COUNTY UTILITIES DESIGN MANUAL.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF AFFECTED AGENCIES AND COORDINATION WITH ALL UTILITIES PRIOR TO CONSTRUCTION.
3. ALL CONSTRUCTION MATERIALS, INCLUDING DRILLING FLUID, SHALL BE REMOVED FROM THE SITE PRIOR TO RESTORATION OF DISTURBED AREAS.
4. ALL RESTORATION WORK SHALL BE IN ACCORDANCE WITH THE LCU DESIGN MANUAL.
5. CASING DIAMETER SHALL BE IN ACCORDANCE WITH THE LCU DESIGN MANUAL.
6. NO CASING SPACERS REQUIRED.
7. WHEN CASING IS REQUIRED INSTALL 1" HDPE PIPE ATTACHED TO THE CARRIER PIPE WITH 12 GAUGE DOUBLE INSULATED COPPER WIRE INSIDE THE HDPE PIPE.

REV: 12/10/2015

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

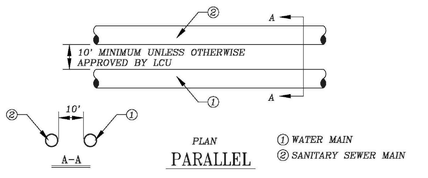
N.T.S.



1. WATER MAIN
2. SANITARY SEWER MAIN

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

N.T.S.



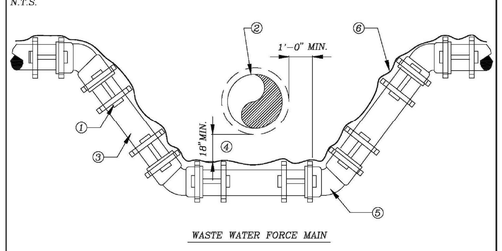
1. WATER MAIN
2. SANITARY SEWER MAIN

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

REV: 12/10/2015

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

N.T.S.



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

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PLOT DATE	TUE, 4-10-2018 - 3:53 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

UTILITY DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23526	C22.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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.

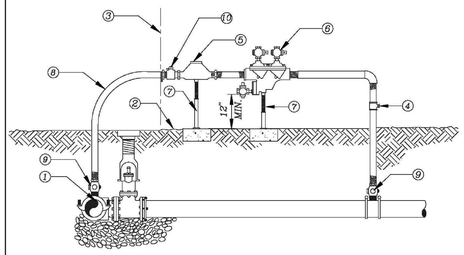
LENGTH FIGURES BASED ON FOLLOWING:

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. 6.15
LEE COUNTY UTILITIES
TEMPORARY CONSTRUCTION JUMPER WITH METER

N.T.S.



NOTES:

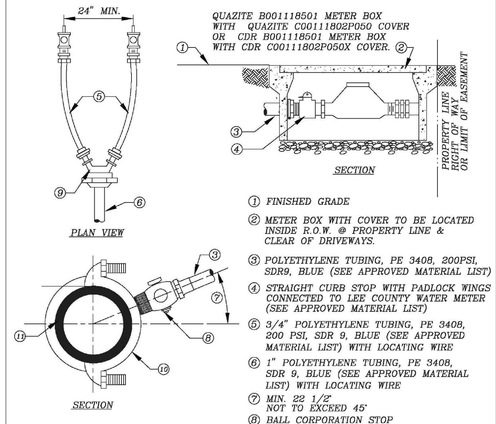
CONTRACTOR/CUSTOMER SHALL APPLY AT LEE COUNTY UTILITIES FOR TEMPORARY WATER SERVICE FIVE DAYS PRIOR TO REQUIRED SERVICE DATE.
THE METER ONLY WILL BE FURNISHED BY LEE COUNTY UTILITIES. ALL FITTINGS, PIPING, VALVES AND MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR/CUSTOMER. THE APPROVED 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.



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

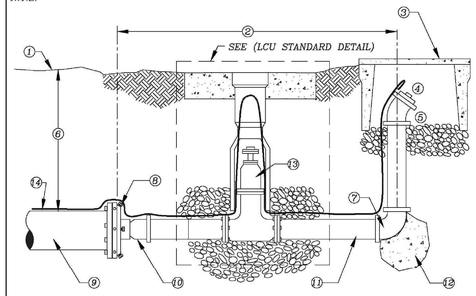
NOTES:

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. 6.14
LEE COUNTY UTILITIES
BLOW OFF DETAIL

N.T.S.



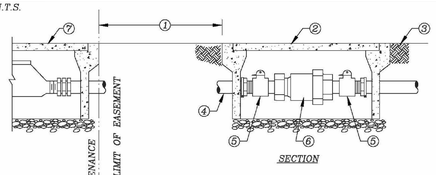
1. FINISHED GRADE
2. 5'-0" MAX.
3. WATER METER BOX W/GRAVEL BOTTOM (SEE APPROVED MATERIAL LIST)
4. 2" THREADED PLUG
5. 2"-45° BEND
6. 30" MIN.
7. 2"-90° BEND
8. M.J. CAP WITH 2" TAP
9. END OF WATER MAIN, R.I. PER SCHEDULE
10. 2" THREADED
11. 2" P.V.C.(SCH 80) P.V.C. MALE ADAPTER
12. POURED IN PLACE THRUST 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. 6.18
LEE COUNTY UTILITIES
5/8" THROUGH 2" SINGLE FAMILY RESIDENTIAL CROSS CONNECTION CONTROL ASSEMBLY

N.T.S.



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

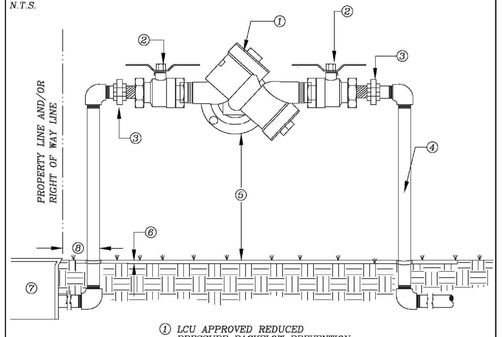
NOTE:

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.



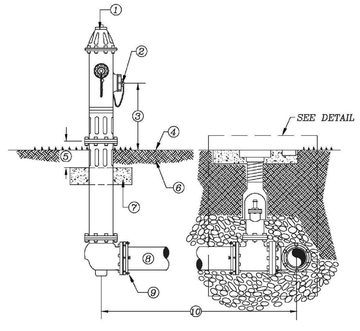
1. LCU APPROVED REDUCED PRESSURE BACKFLOW PREVENTION DEVICE (SEE APPROVED MATERIAL LIST)
2. FULL FLOW BRONZE BALL VALVE
3. UNION
4. ALL PIPING AND FITTINGS SHALL BE BRASS OR COPPER
5. 12"MIN.–24"MAX. UNLESS OTHERWISE APPROVED BY LCU
6. FINISHED GRADE
7. METER BOX
8. 2' MAXIMUM

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

REV: 12/10/2015

STANDARD DETAIL NO. 6.24
LEE COUNTY UTILITIES
FIRE HYDRANT ASSEMBLY

N.T.S.

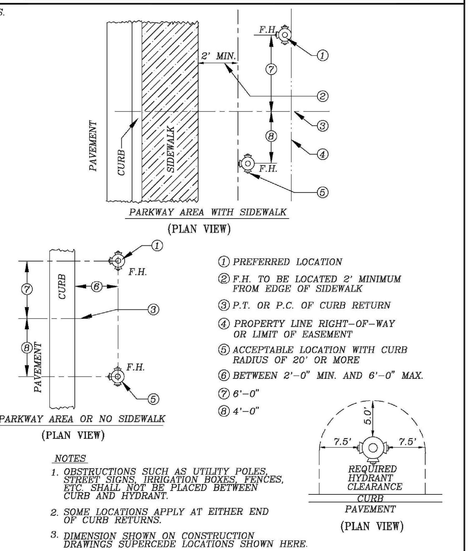


1. FIRE HYDRANT: STANDARD A.W.W.A. SAFETY YELLOW (SEE APPROVED MATERIAL LIST)
2. PUMPER CONNECTION FACING AS PER FIRE DISTRICT RECOMMENDATION
3. 18" MIN. – 24" MAX.
4. FINISHED GRADE
5. 6" MIN. CLEARANCE
6. COMPACTED FILL
7. 30" X 30" X 4" CONCRETE BREAK AWAY CONCRETE PAD, 3000 P.S.I.
8. PIPE TO BE D.I.P., 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.



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"

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

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ENGINEERING 7995 - SURVEYING LB-6940

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A70.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:53 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

4-9-18	DO COMMENTS DATED 4-4-18 1

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

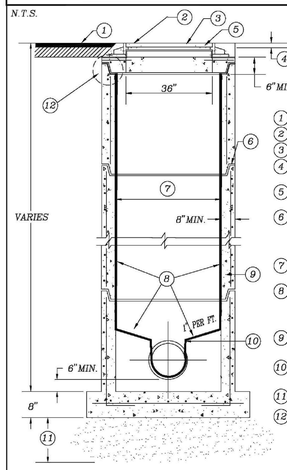
UTILITY DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23526	C22.1

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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)

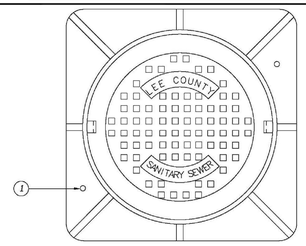
NOTES:

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.

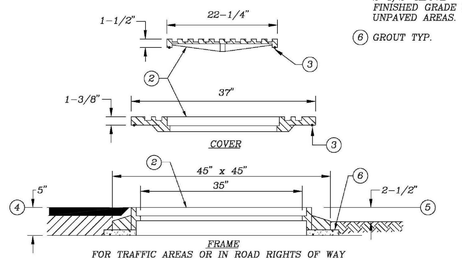
REV: 12/10/2015

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

N.T.S.



(PLAN VIEW)



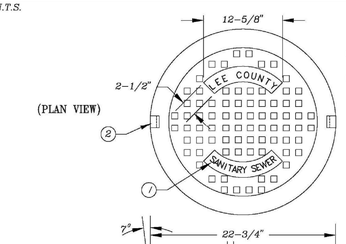
(SECTION VIEW)

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.

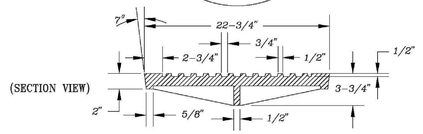
REV: 12/10/2015

STANDARD DETAIL NO. 6.30
LEE COUNTY UTILITIES
MANHOLE FRAME COVER

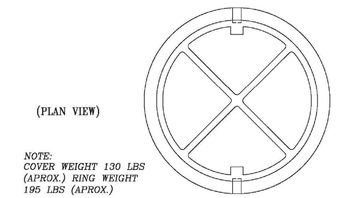
N.T.S.



(PLAN VIEW)



(SECTION VIEW)



(PLAN VIEW)

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

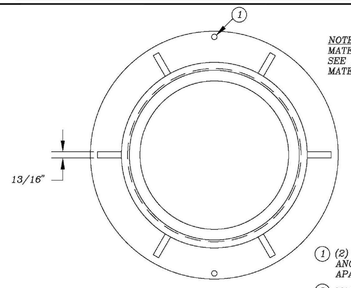
1. 3/4" HIGH LETTERS
2. 2 NON PENETRATING PICKHOLES

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)

REV: 12/10/2015

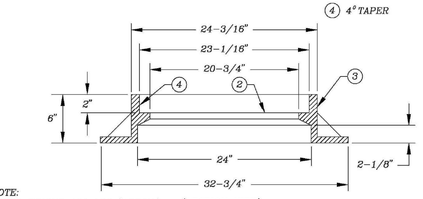
STANDARD DETAIL NO. 6.31
LEE COUNTY UTILITIES
MANHOLE FRAME RING

N.T.S.



(PLAN VIEW)

NOTE:
MATERIAL: CAST IRON, SEE APPROVED MATERIAL LIST



(SECTION VIEW)

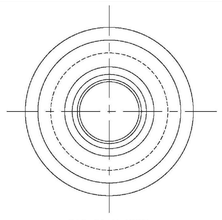
1. (2) 1-13/16" DIA. ANCHOR HOLES 180° APART
2. MACHINE SURFACES
3. 2° TAPER
4. 4° TAPER

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

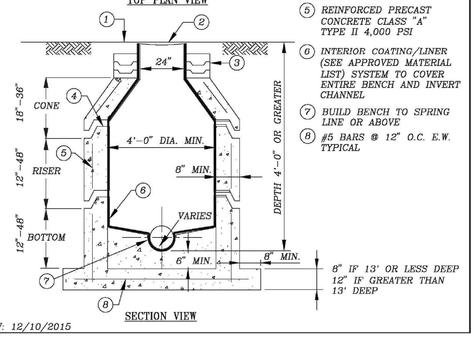
REV: 12/10/2015

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

N.T.S.



TOP PLAN VIEW



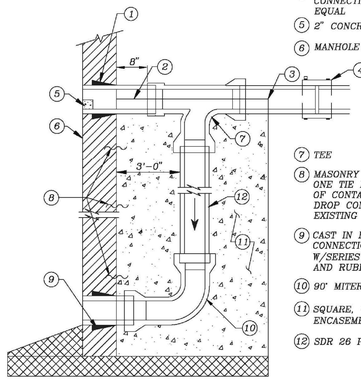
SECTION VIEW

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

REV: 12/10/2015

STANDARD DETAIL NO. 6.35
LEE COUNTY UTILITIES
MANHOLE DROP 4' OR GREATER

N.T.S.

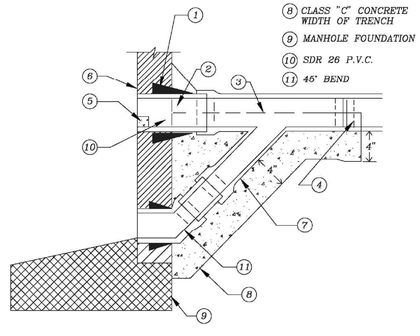


1. CAST IN PLACE FLEX PIPE CONNECTION BOOT W/SERIES 300 S.S. CLAMP C-923 AND RUBBER BOOT
2. STUB PIPE
3. CONCRETE TO SPRING LINE OF PIPE
4. COMPRESSION COUPLING CONNECTION OR APPROVED EQUAL
5. 2" CONCRETE DAM
6. MANHOLE WALL
7. TEE
8. MASONRY ANCHORS MIN. ONE TIE PER TWO SQ. FT. OF CONTACT AREA FOR DROP CONNECTIONS TO EXISTING M.H.S ONLY
9. CAST IN PLACE FLEX PIPE CONNECTION BOOT W/SERIES 300 S.S. CLAMP AND RUBBER, BOOT
10. 90° MITERED BEND
11. SQUARE, CONCRETE ENCASEMENT CLASS "C"
12. SDR 26 PVC PIPE

REV: 12/10/2015

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

N.T.S.

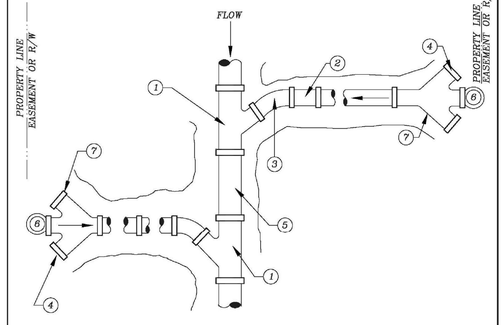


1. CAST IN PLACE FLEX PIPE CONNECTION BOOT W/SERIES 300 S.S. AND RUBBER BOOT
2. STUB PIPE
3. CONCRETE TO SPRING LINE OF PIPE
4. COMPRESSION COUPLING CONNECTION OR APPROVED EQUAL
5. 2" CONCRETE DAM
6. MANHOLE WALL
7. WYE
8. CLASS "C" CONCRETE WIDTH OF TRENCH
9. MANHOLE FOUNDATION
10. SDR 26 P.V.C.
11.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

REV: 12/10/2015

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

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PREPARED FOR

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SUITE 300
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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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FLORIDA P.E. NO. 38536 - CARLB@BARRACO.NET

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FILE NAME	23526A70.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:53 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

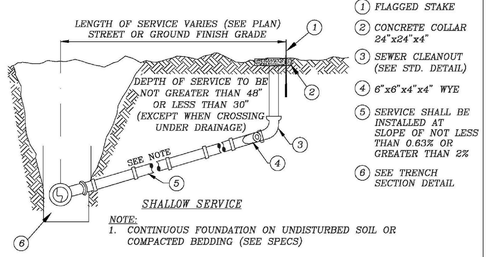
UTILITY DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23526	C22.2

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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

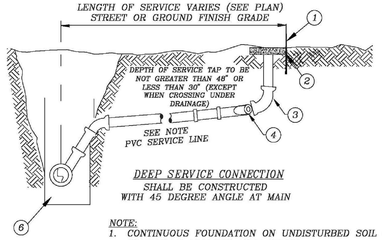
N.T.S.



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

SHALLOW SERVICE

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



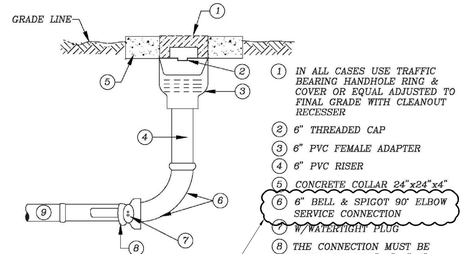
DEEP SERVICE CONNECTION
SHALL BE CONSTRUCTED WITH 45 DEGREE ANGLE AT MAIN

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

REV: 12/10/2015

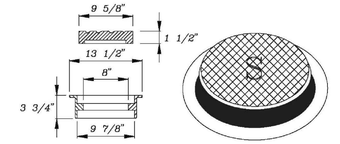
STANDARD DETAIL NO. 6.40
LEE COUNTY UTILITIES
6" SEWER CLEAN-OUT DETAIL

N.T.S.



1. IN ALL CASES USE TRAFFIC BEARING HANDHOLE RING & COVER OR EQUAL ADJUSTED TO FINAL GRADE WITH CLEANOUT RECESSER
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

Barraco and Associates, Inc.
CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING - LANDSCAPE DESIGN
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

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

PROJECT DESCRIPTION

WILDBLUE
SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A70.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 3:54 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

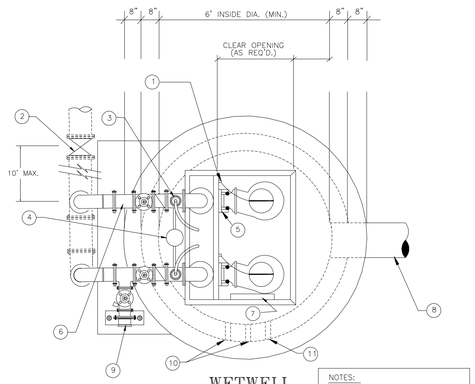
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

UTILITY
DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23526	C22.3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

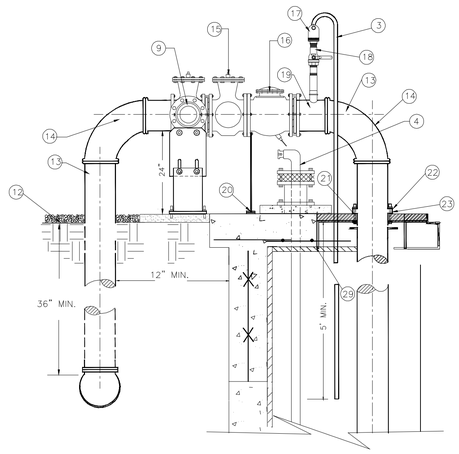


WETWELL
PLAN
N.T.S.

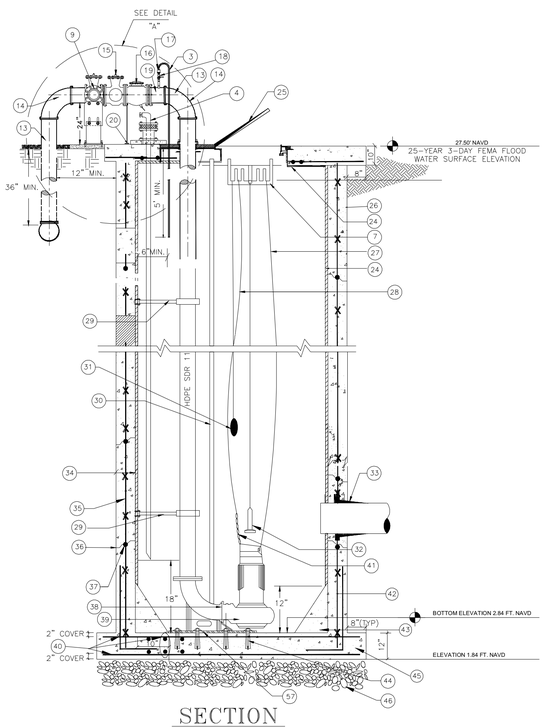
NOTES:

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

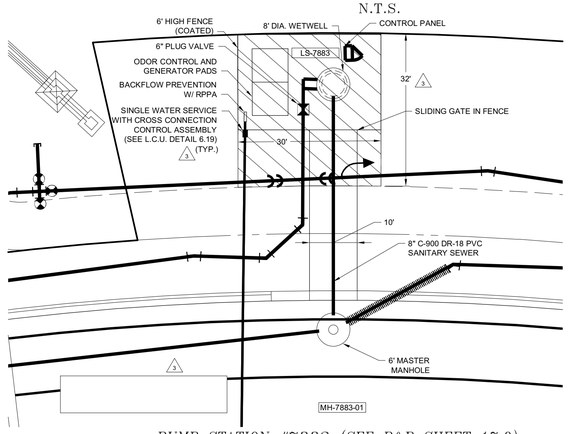
CONDUIT FOR PUMP POWER CABLES & FLOAT SWITH CABLES, PLACEMENT IS TO BE DETERMINED BY LOCATION OF CONTROL PANEL.



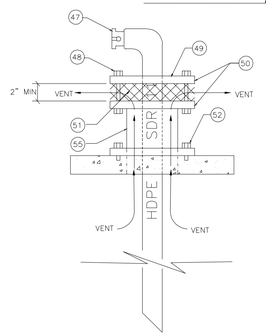
DETAIL "A"
N.T.S.



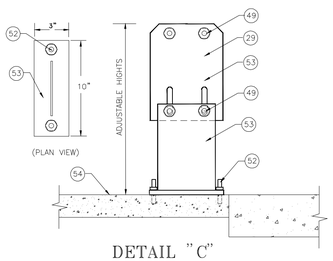
SECTION
N.T.S.



PUMP STATION #7883 (SEE P&P SHEET 17.0)
N.T.S.



DETAIL "B"
N.T.S.



DETAIL "C"
N.T.S.

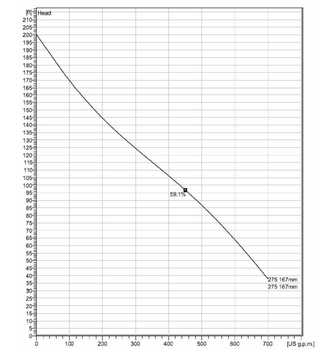
GENERAL NOTES AND REQUIREMENTS

1. 1/4" THK. SERIES 300 STAINLESS STEEL HOOKS FOR HOIST CABLES
2. PLUG VALVE
3. PCV DRAIN LINE FROM AIR RELEASE VAVLE TO WET WELL
4. EMERGENCY PUMP OUT AND AIRVENT (SAME DIAMETER AS DISCHARGE PIPING) (SEE DETAIL "B")
5. GUIDE RAILS
6. SPOOL PIECE
7. STAINLESS STEEL FLOAT CABLE SUPPORT
8. INFLUENT PIPE INSTALLED RADIALLY FROM WETWELL CENTER
9. FEMALE QUICK CONNECT COUPLER WITH CAP AND PLUG VALVE
10. POWER CABLE
11. FLOAT CONTROLS
12. FILTER CLOTH WITH 4" OF COMPACTED #57 STONE
13. HDPE PIPE
14. LONG RADIUS 90° BEND
15. PLUG VALVE (PAINT BLACK)
16. SWING FLEX CHECK VALVE (PAINT BLACK)
17. 2" AUTOMATIC AIR RELEASE VALVE; (SEE LCU APPROVED MATERIAL LIST) ON EACH DISCHARGE PIPE
18. 2" STAINLESS STEEL BALL VALVE (SEE APPROVED MATERIAL LIST)
19. HDPE BRANCH SADDLE PE 3408 ASTM D3350 (BLACK) WITH FEMALE THREADED INSERT BRASS ALLOY STAINLESS COMPRESSION RING GRADE TYPE 304 OR 316
20. STAINLESS STEEL PIPE SUPPORT (SEE DETAIL "C")
21. NEOPRENE GASKET
22. STAINLESS STEEL FLANGE RING
23. HDPE RIM (FUSED TO HDPE PIPE)
24. LINER OR COATING (SEE LCU APPROVED MATERIAL LIST)
25. ALUMINUM HATCH (SEE DETAIL D)
26. COAL TAR EPOXY (BELOW FINISHED GRADE)
27. SENSOR CABLE
28. SERIES 316 STAINLESS STEEL 1/4" CABLE
29. SERIES 316 STAINLESS STEEL PIPE SUPPORT
30. 2" SERIES 316 STAINLESS STEEL GUIDE RAILS
31. HIGH WATER ALARM SIGNAL ON
32. SUBMERSIBLE LEVEL TRANSMITTER
33. CAST IN PLACE FLEXIBLE PIPE CONNECTION WITH SERIES 316 STAINLESS STEEL CLAMP C-923. CHARDON RUBBER, O/E (TYP.)
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 3153 SH	NP 3153 SH		
IMPELLER NUMBER	275	275		
TYPE OF PUMP	SUBMERSIBLE			
DESIGN CAPACITY PER PUMP	211.0	211.0		(GPM)
TOTAL DYNAMIC HEAD	142.0	142.0		(FEET)
SHUT-OFF HEAD	200.0	200.0		(FEET)
DESIGN SPEED	3510	3510		(PRM)
MIN. HORSEPOWER PER PUMP	23.0	23.0		(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	5.84	6.34		(FEET)
HIGH WATER ALARM	6.84			(FEET)
PUMP OFF ELEVATION	4.84			(FEET)
DIAMETER PIPE AFTER RISER	6			(INCHES)
DIAMETER WETWELL (I.D.)	8			(FEET)
TOP OF WETWELL ELEVATION	27.45			(FEET)
BOTTOM ELEVATION	2.84			(FEET)
INFLUENT GRAVITY PIPE ELEVATION	8.34			(FEET)

BASIS OF DESIGN			
	ADF (gpm)	PHF (gpm)	EDU (1 EDU=250 gpd)
EXISTING	-	-	-
INTERIM	-	-	-
FUTURE	45.49	177.90	262.0

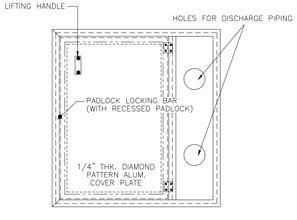
PUMP CURVE



FLOW
US GPM

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.

Barraco and Associates, Inc.
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LAND PLANNING - LANDSCAPE DESIGN
www.barraco.net
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PHONE (239) 461-3170
FAX (239) 461-3169
FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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

DRAWN	DATE	REMARKS

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

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

SHEET:
1 OF 2

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FILE NAME	23526A71.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 4:04 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

4-8-18	DO COMMENTS DATED 4-4-18 (1)

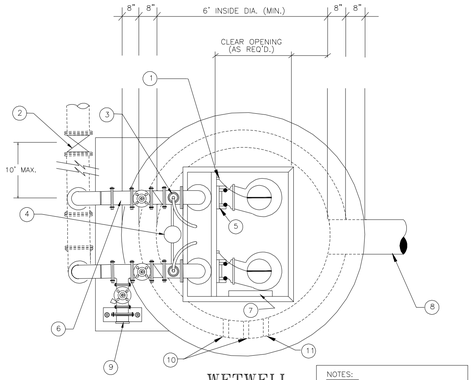
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

LIFT STATION
7883
DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23526	C23.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

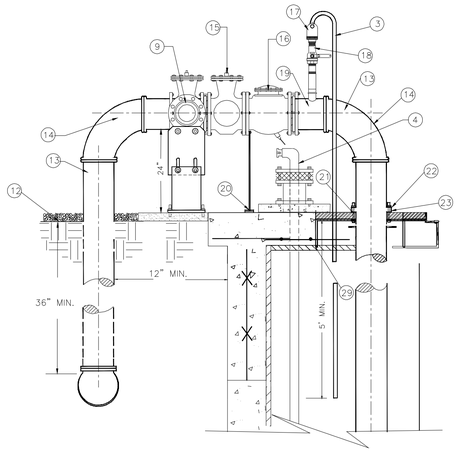


WETWELL
PLAN
N.T.S.

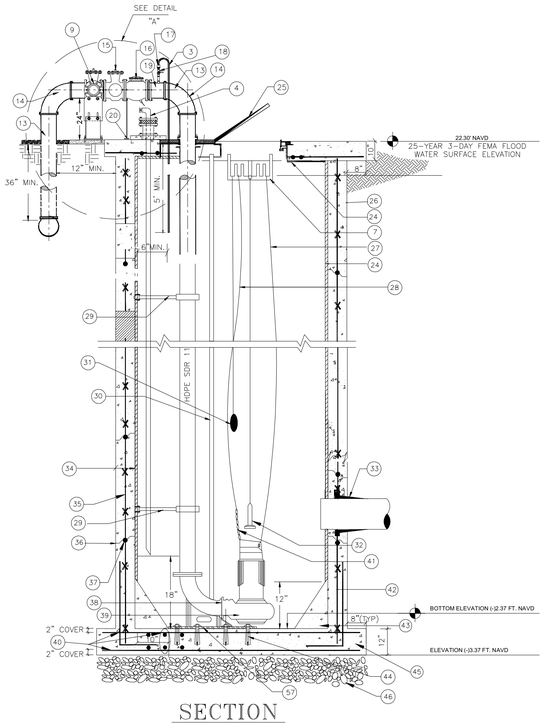
NOTES:

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

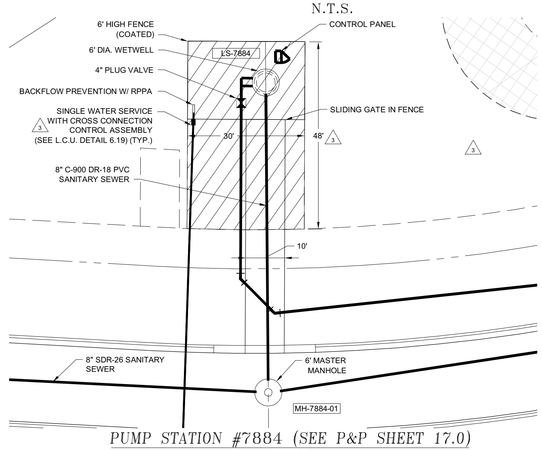
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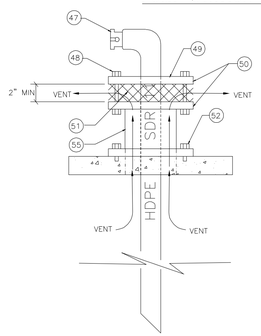
DETAIL "A"
N.T.S.



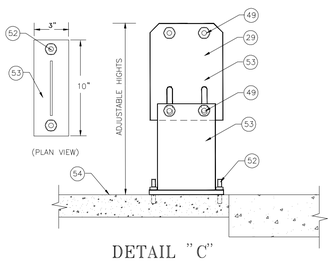
SECTION
N.T.S.



PUMP STATION #7884 (SEE P&P SHEET 17.0)
N.T.S.



DETAIL "B"
N.T.S.



DETAIL "C"
N.T.S.

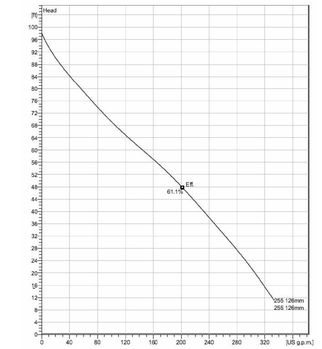
GENERAL NOTES AND REQUIREMENTS

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2. PLUG VALVE
3. PCV DRAIN LINE FROM AIR RELEASE VAVLE TO WET WELL
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11. FLOAT CONTROLS
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13. HDPE PIPE
14. LONG RADIUS 90° BEND
15. PLUG VALVE (PAINT BLACK)
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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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34. WALL THICKNESS 8" MIN.
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37. RAM-NEK OR EQUAL PREFORMED PLASTIC GASKET MATERIALBETWEEN PRECAST UNITS (TYP.)
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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	NP 3085 SH	NP 3085 SH		
IMPELLER NUMBER	255	255		
TYPE OF PUMP	SUBMERSIBLE			
DESIGN CAPACITY PER PUMP	137.0	137.0		(GPM)
TOTAL DYNAMIC HEAD	61.4	61.4		(FEET)
SHUT-OFF HEAD	98.0	98.0		(FEET)
DESIGN SPEED	3430	3430		(PRM)
MIN. HORSEPOWER PER PUMP	4.0	4.0		(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	0.63	1.13		(FEET)
HIGH WATER ALARM	1.63			(FEET)
PUMP OFF ELEVATION	(-)0.37			(FEET)
DIAMETER PIPE AFTER RISER	4			(INCHES)
DIAMETER WETWELL (I.D.)	6			(FEET)
TOP OF WETWELL ELEVATION	22.30			(FEET)
BOTTOM ELEVATION	(-)2.37			(FEET)
INFLUENT GRAVITY PIPE ELEVATION	3.13			(FEET)

BASIS OF DESIGN			
	ADF (gpm)	PHF (gpm)	EDU (1 EDU=250 gpd)
EXISTING	-	-	-
INTERIM	-	-	-
FUTURE	30.38	118.82	175

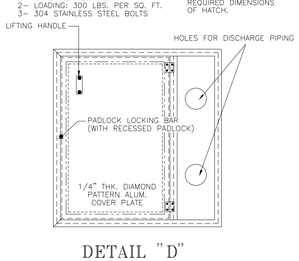
PUMP CURVE



FLOW
US GPM

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
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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

REMARKS	DATE	DRAWN

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

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

SHEET:
1 OF 2

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FILE NAME	23526A71.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 4:05 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

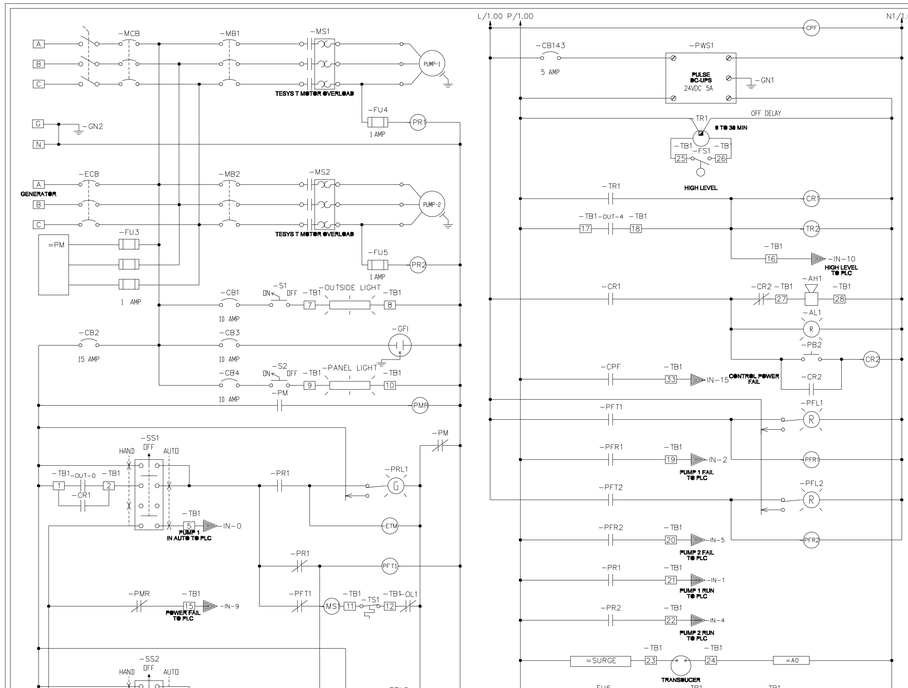
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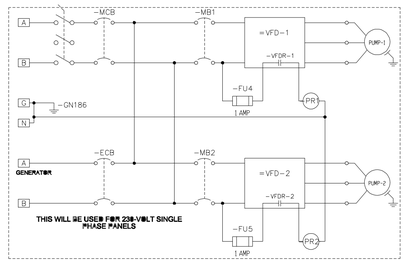
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

LIFT STATION
7884
DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23526	C23.1





LADDER DIAGRAM MUST INCLUDE PROVISIONS FOR GFDR

COMPONENT LEGEND

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

GENERAL NOTES AND REQUIREMENTS

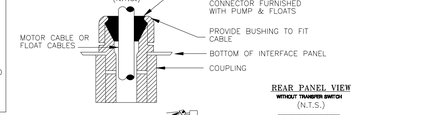
1. THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH THE STANDARD BUILDING CODES AND LOCAL CODES AS MAY BE APPLICABLE. SIX SHOP DRAWINGS OF ALL MAJOR EQUIPMENT SHALL BE REQUIRED PRIOR TO ORDERING EQUIPMENT.
2. WORK SHALL INCLUDE ALL LABOR, MATERIALS, PERMITS AND COSTS FOR INSTALLATION OF A COMPLETE ELECTRICAL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

ELECTRICAL NOTES:

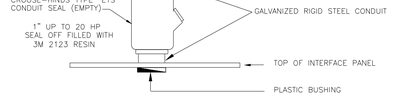
1. RTU SHALL BE SCADA PACK 334E
2. MODEM OR ANY OTHER COMMUNICATIONS WILL BE SUPPIED BY LCU
3. VARIABLE DRIVES TO BE USED ON ALL SINGLE PHASE POWER
4. VARIABLE DRIVES SHALL BE SQUARE D ALTIVAR 61
5. POWER SUPPLY SHALL HAVE BATTERY BACKUP
6. ALL SWITCHES SHALL BE SQUARE D 30 MM
7. ALL STARTERS SHALL BE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

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

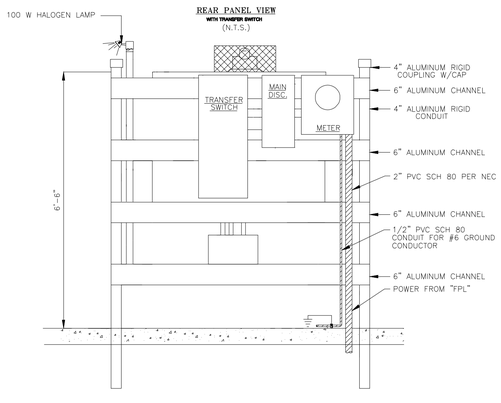
CORD GRIP DETAIL
(N.T.S.)



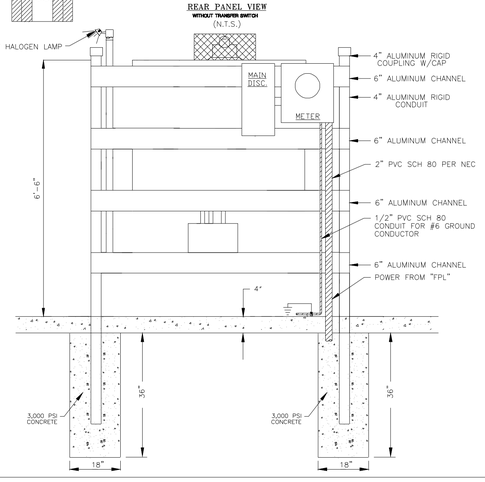
SERVICE ENTRANCE AND INTERFACE BOX
(N.T.S.)
FRONT VIEW



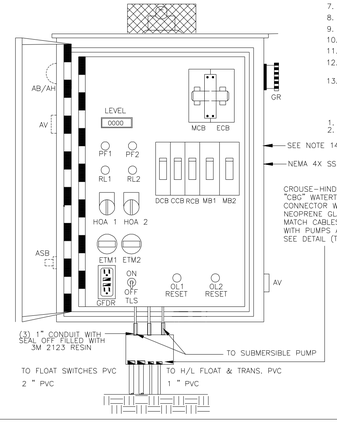
REAR PANEL VIEW
WITH TRANSFER SWITCH
(N.T.S.)



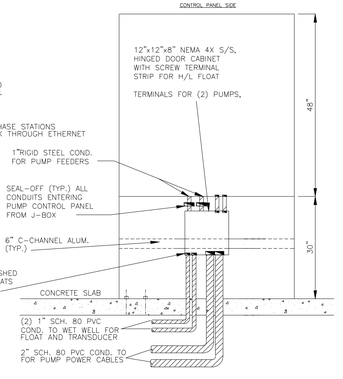
REAR PANEL VIEW
WITHOUT TRANSFER SWITCH
(N.T.S.)



FRONT PANEL VIEW
(N.T.S.)



EQUIPMENT ELEVATION
(N.T.S.)
CONTROL PANEL SIDE



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

NO.	REMARKS	DATE	DR/MK

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SOUTHWEST FLORIDA

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

STANDARD DETAIL NO. 6.43
ELECTRICAL DIAGRAM AND NOTES

SHEET:
2 OF 2

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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
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PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

PLAN STATUS

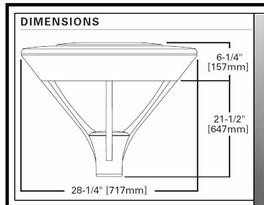
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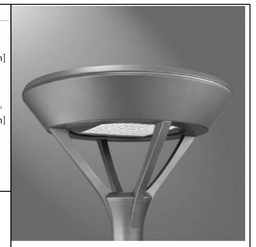
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PROJECT / FILE NO.	SHEET NUMBER
23526	C23.2

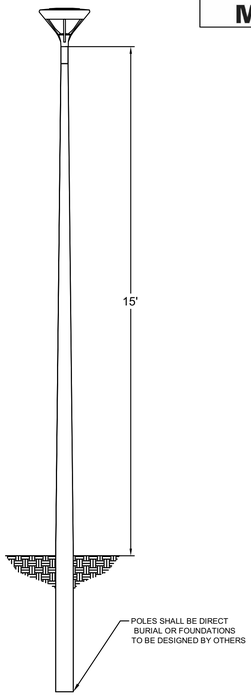
APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

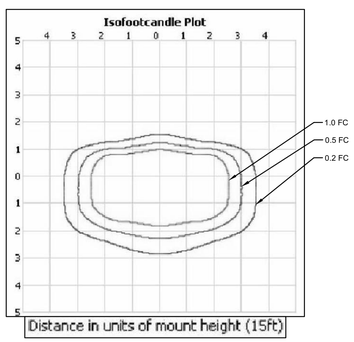
DIMENSIONS





MSA MESA LED

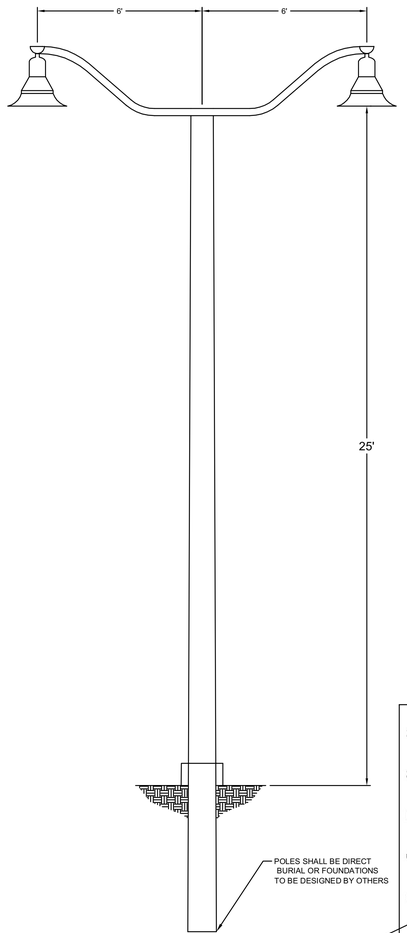


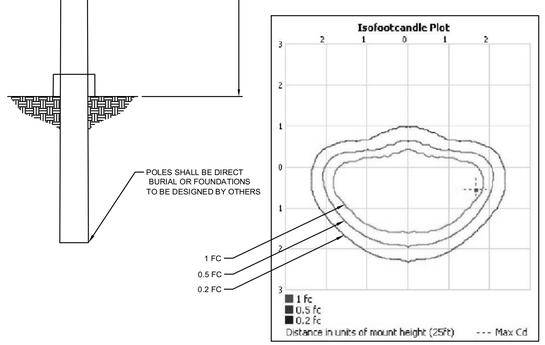


Domus
(Memphis)



(Black)





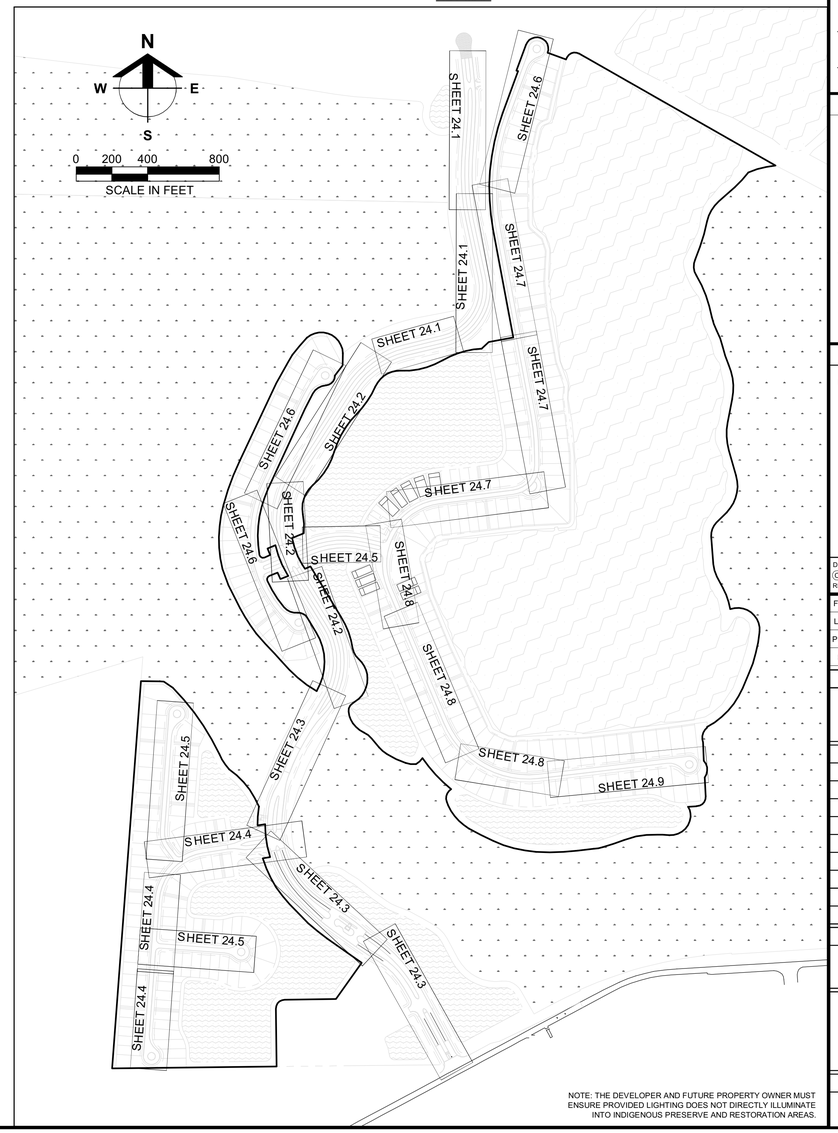
LUMINAIRE SCHEDULE							
SYMBOL	QTY	LABEL	ARRANGEMENT	TOTAL LAMP LUMENS	GLARE RATING (BUG)	LLF	DESCRIPTION
	65	ESL2_P35S_40K_XX_SG_3_DS	BACK-BACK	15,098	B2-U0-G3	1.000	ESL2 P35S 40K XX SG 3 DS
	4	Sngl_ESL2_P35S_40K_XX_SG_3_DS_1	SINGLE	15,098	B2-U0-G3	1.000	ESL2 P35S 40K XX SG 3 DS
☼	115	MSA-E03-LED-E1-T3	SINGLE	7,456	B2-U0-G2	1.000	MSA-E03-LED-E1-T3

CALCULATION SUMMARY							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Preserve/ Corkscrew Right of Way	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
Residential	Illuminance	Fc	1.52	10.6	0.1	15.20	106.00
SpineRoad	Illuminance	Fc	2.42	9.8	0.2	12.10	49.00

NOTE:

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2. NO DIRECT ILLUMINATION IN THE INDIGENOUS PRESERVE OR RESTORATION AREA IS PROPOSED

KEY MAP



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

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PREPARED FOR

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FILE NAME	23526A86.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 3:57 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

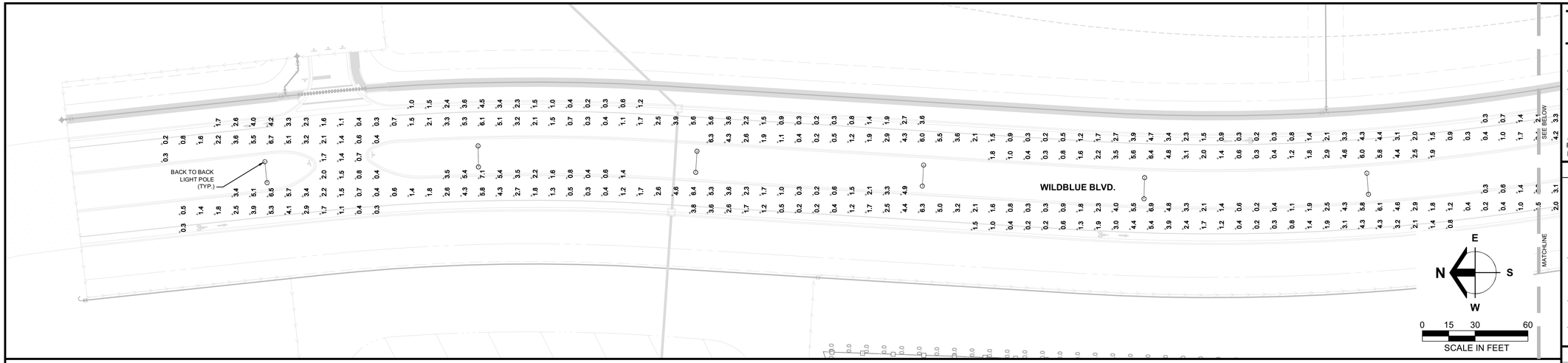
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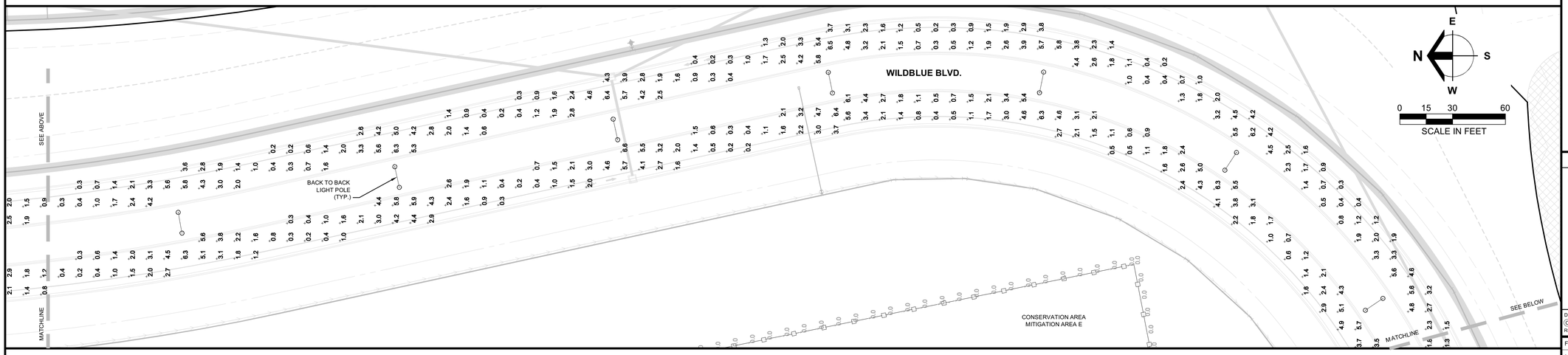
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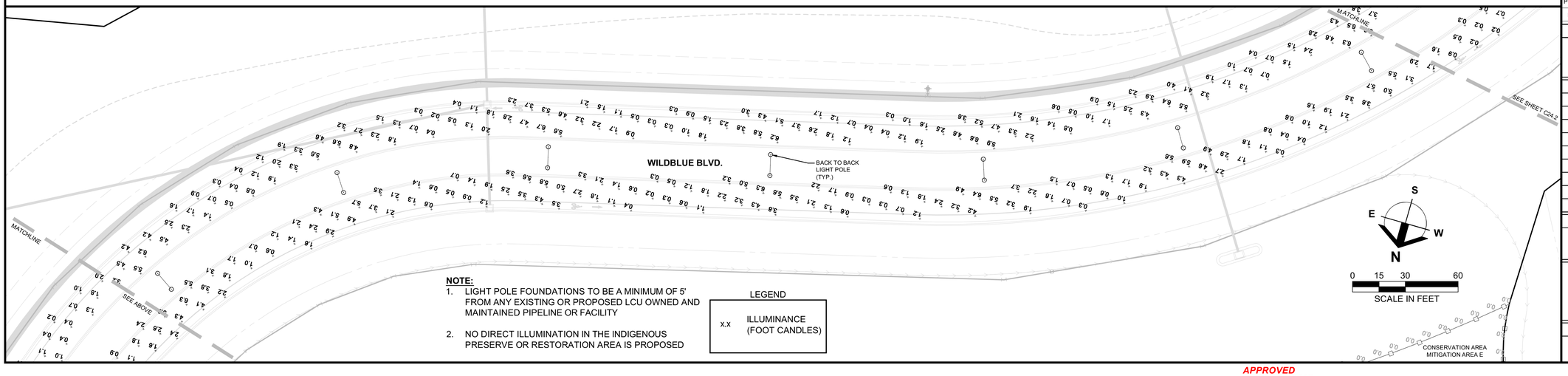
LIGHTING PLAN
KEY MAP
& DETAILS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018







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LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

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PLOT BY	PEYTON GAUSE

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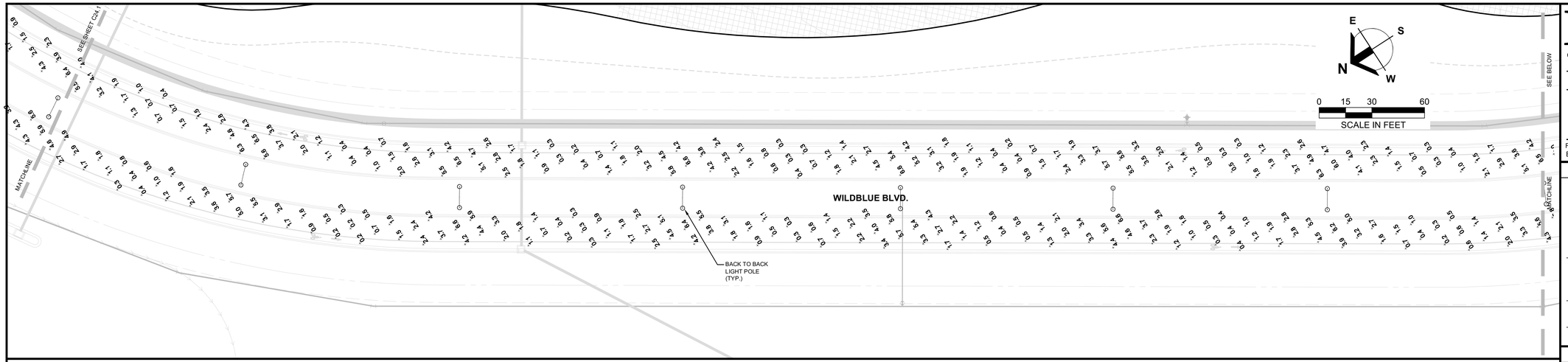
PLAN STATUS

APPROVAL SUBMITTALS PLANS
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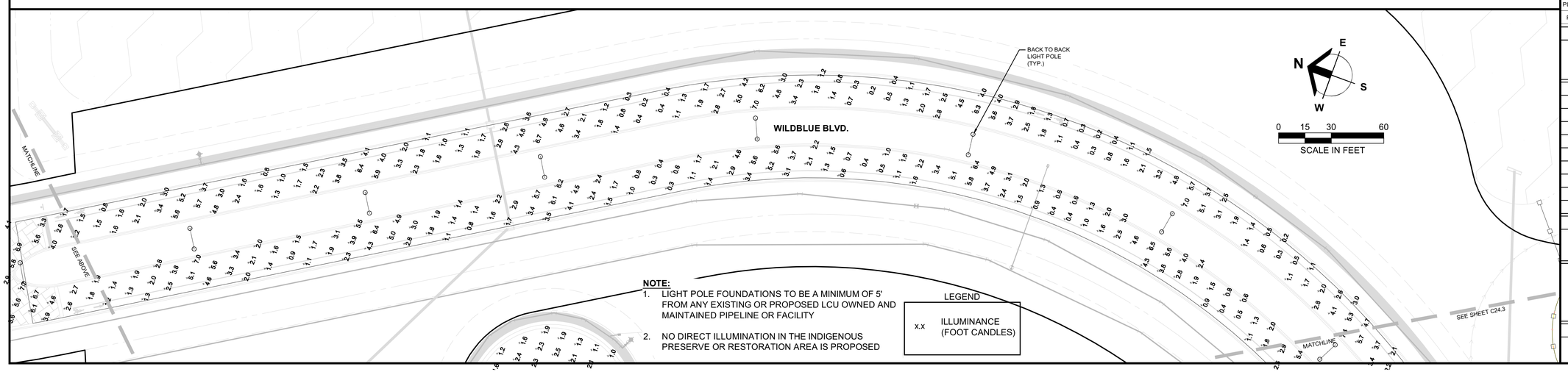
STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.1

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018







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LEGEND

x.x ILLUMINANCE (FOOT CANDLES)

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ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
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FILE NAME	23526A86.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 4:32 PM
PLOT BY	GUY SAPEN

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

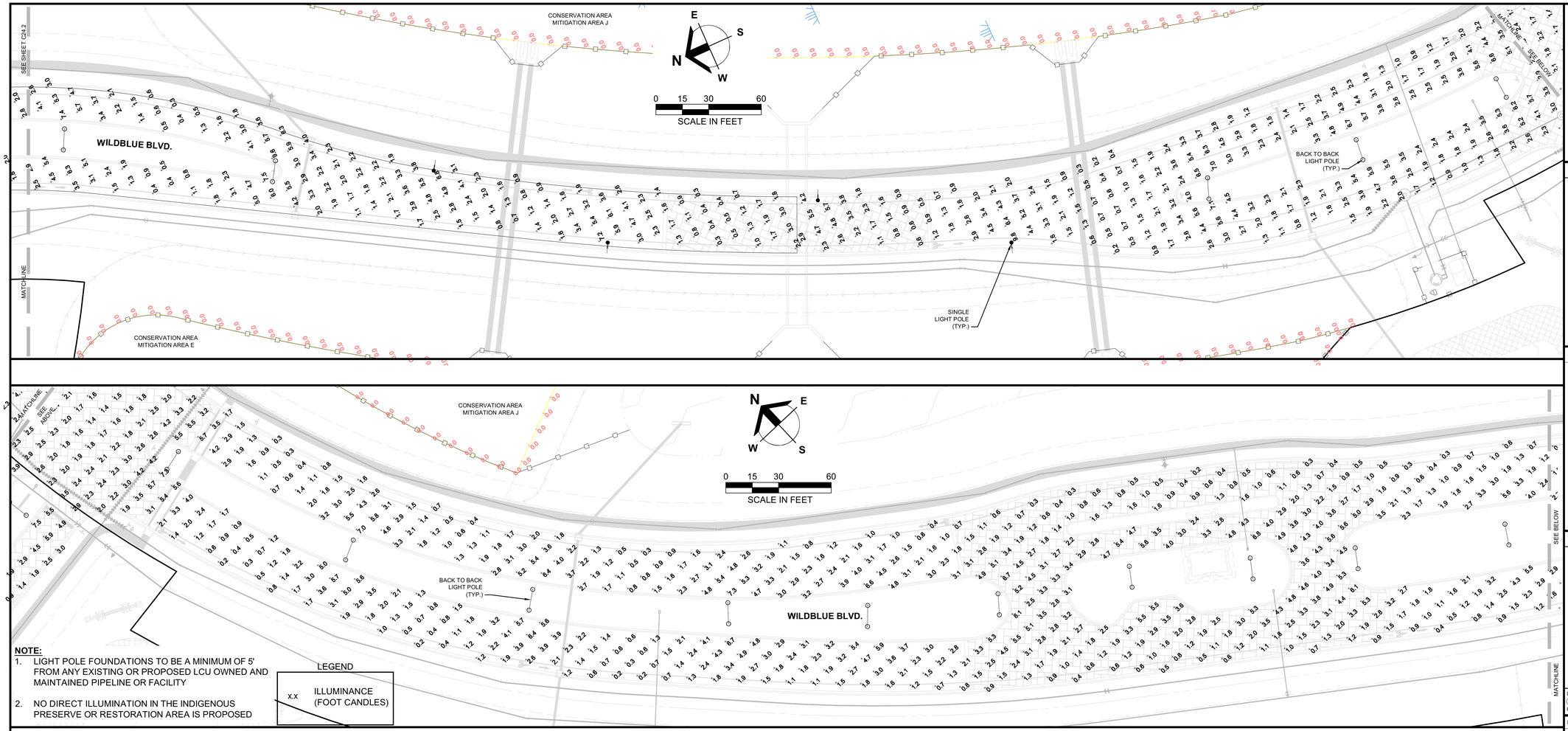
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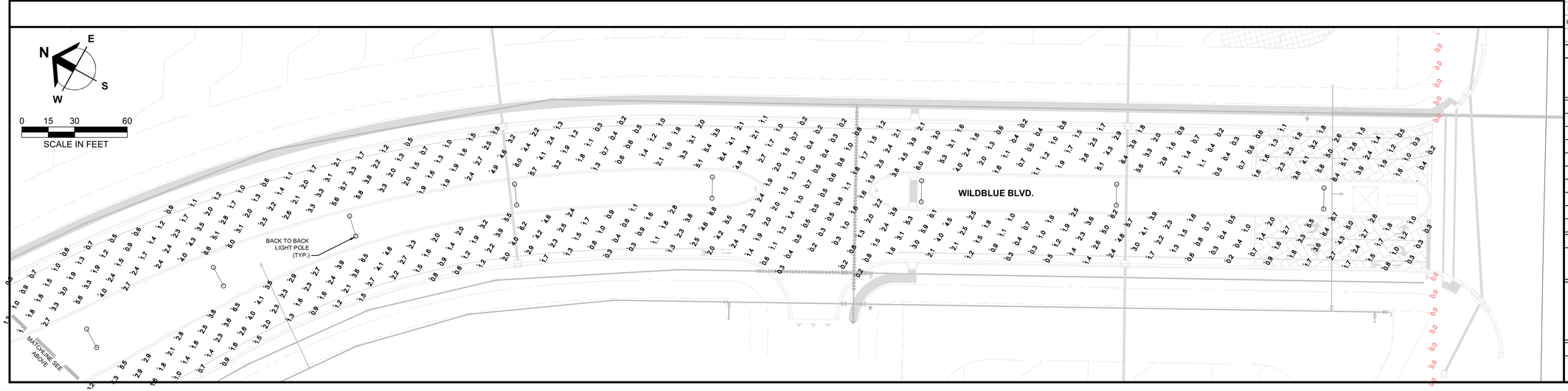
APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.2

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018





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 - LANDSCAPE DESIGN

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

Pulte Homes

PULTE HOME CORPORATION
24311 WALDEN CENTER DRIVE
SUITE 300
BONITA SPRINGS, FLORIDA 34134

PHONE (239) 498-7711
FAX (239) 498-7707

WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

CARL A. BARRACO, P.E., FOR THE FIRM
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PLOT BY	GUY SAPEN

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.3

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



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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LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

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CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING - LANDSCAPE DESIGN

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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

Pulte Homes

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT DATE	TUE. 4-10-2018 - 4:33 PM
PLOT BY	GUY SAPEN

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

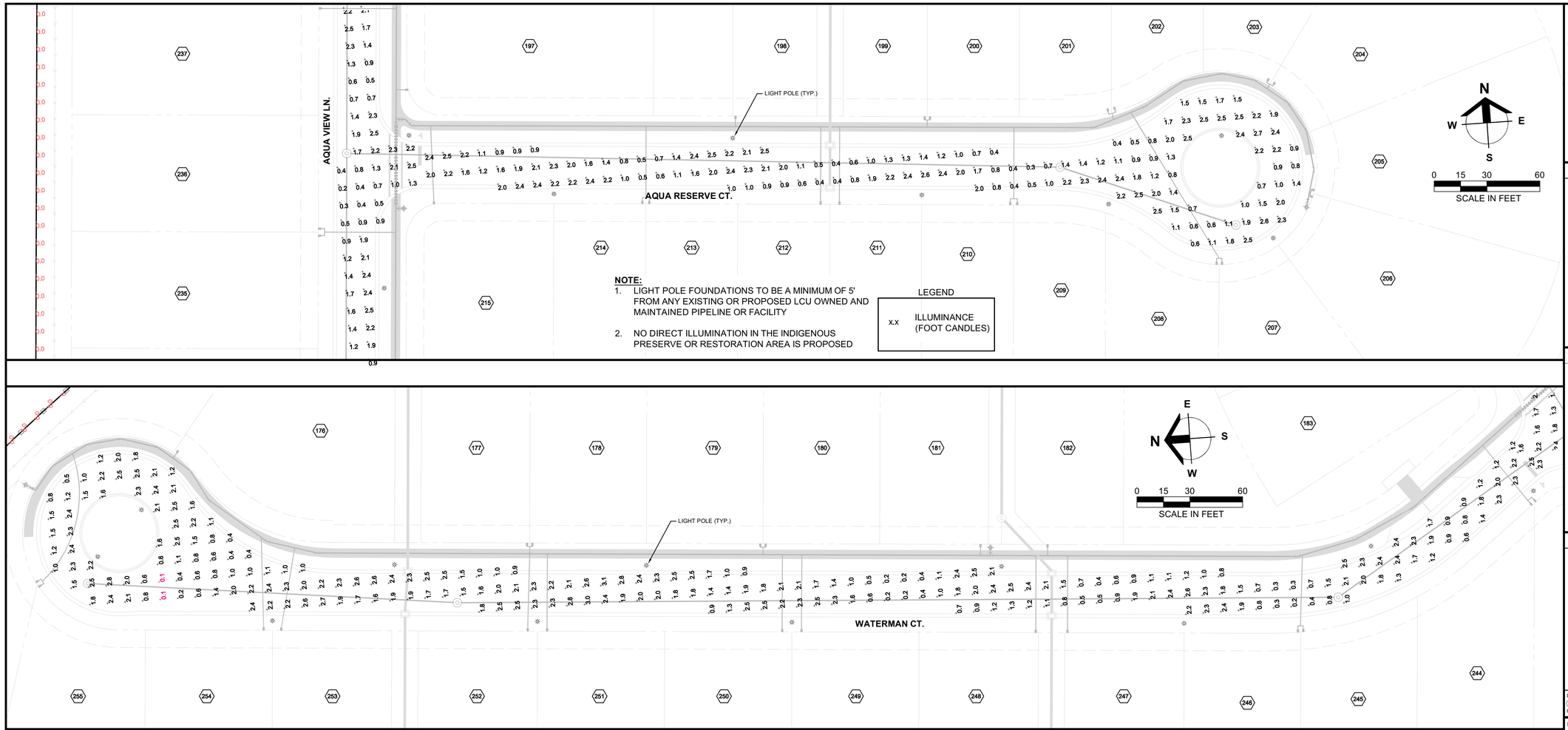
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.4

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



NOTE:

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LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	GUY SAPEN

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

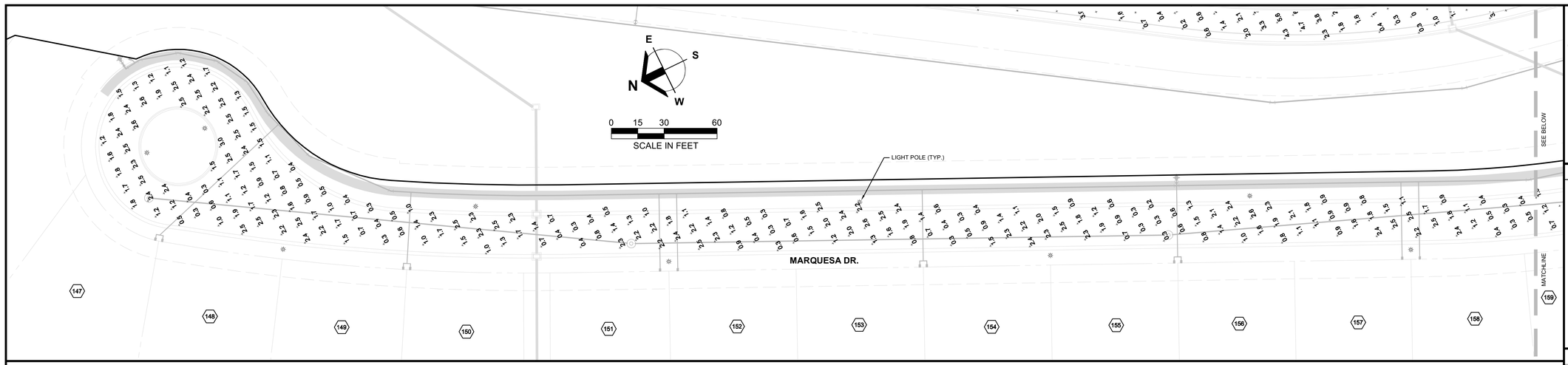
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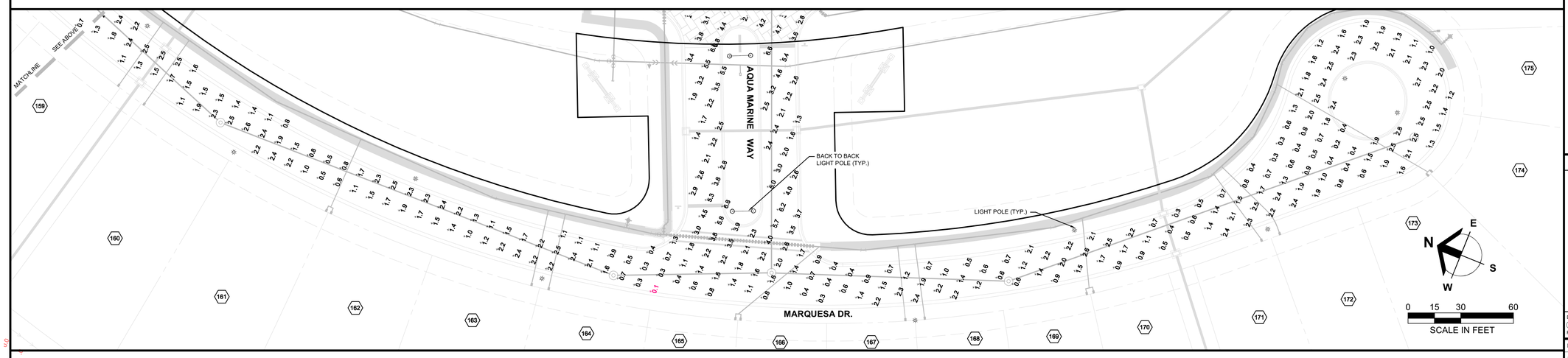
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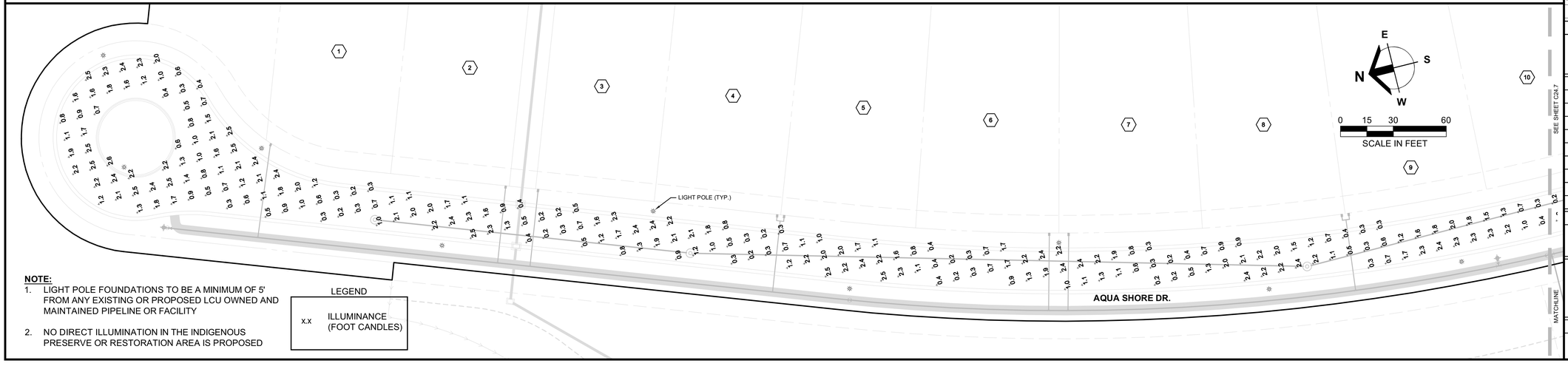
STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.5

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018







NOTE:

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LEGEND

X.X	ILLUMINANCE (FOOT CANDLES)

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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PHONE (239) 498-7711
FAX (239) 498-7707
WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	GUY SAPEN

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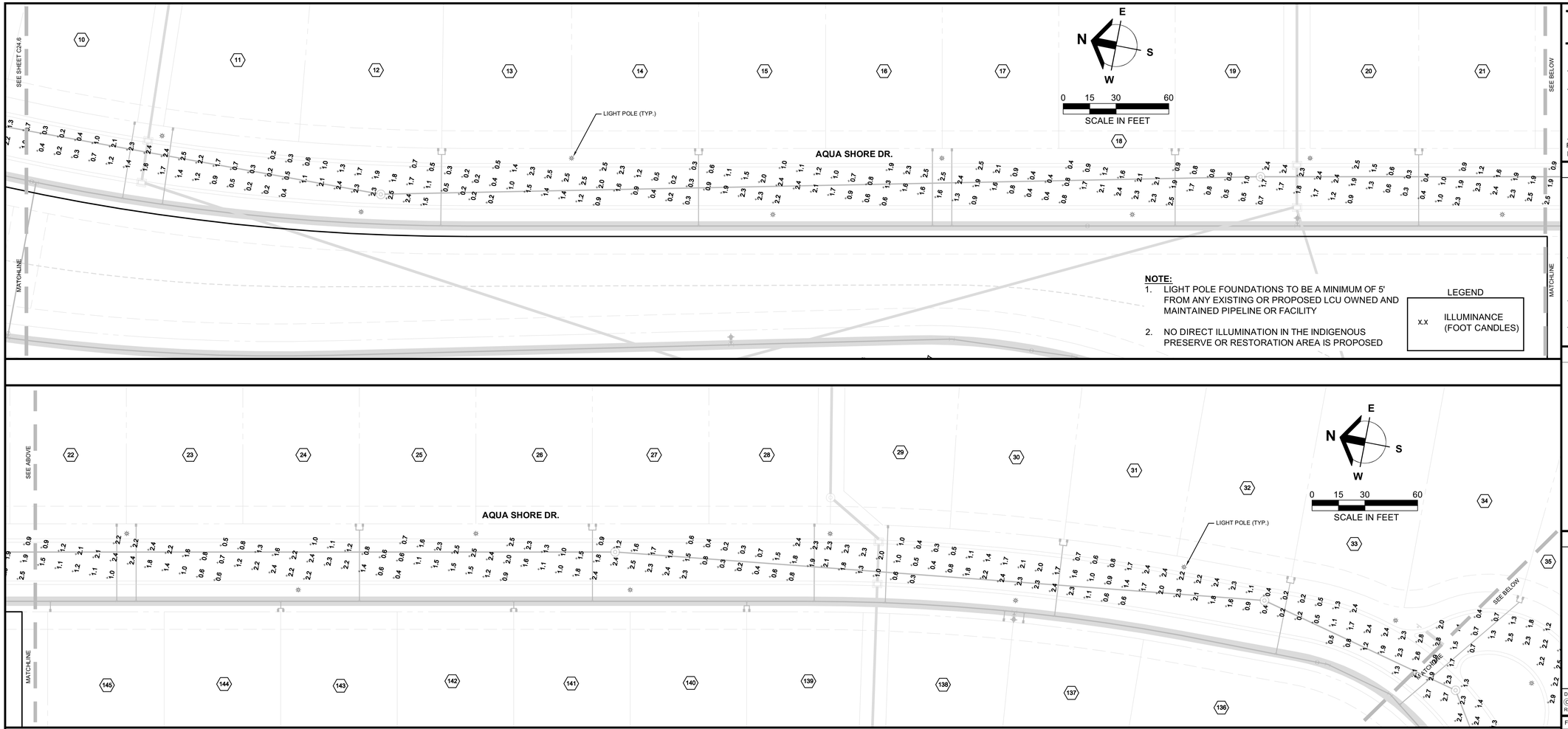
PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.6



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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

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PLOT DATE	TUE, 4-10-2018 - 3:59 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

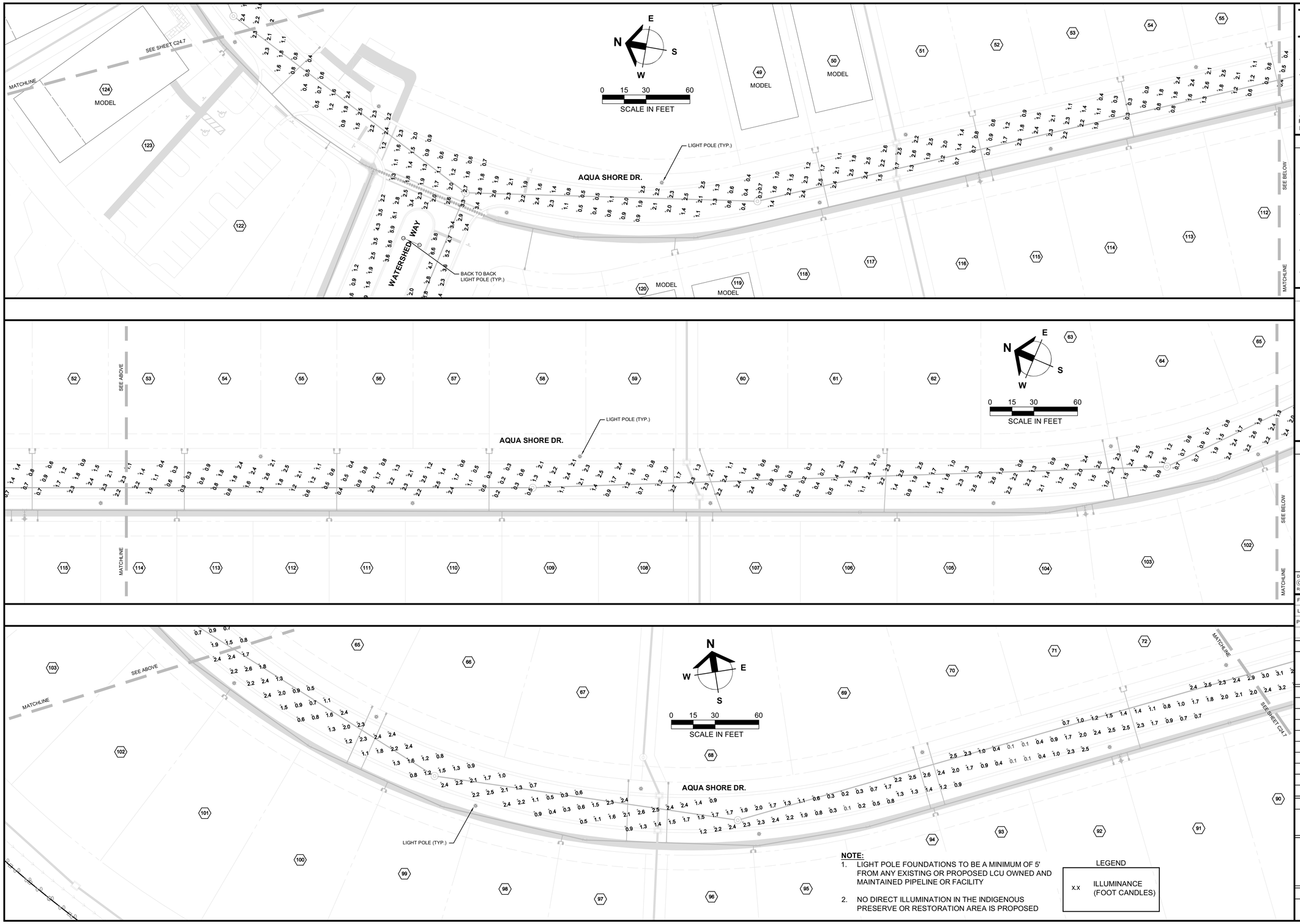
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.7

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



NOTE:

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LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

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FLORIDA CERTIFICATES OF AUTHORIZATION
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PREPARED FOR

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

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PLOT BY	PEYTON GAUSE

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PLAN REVISIONS

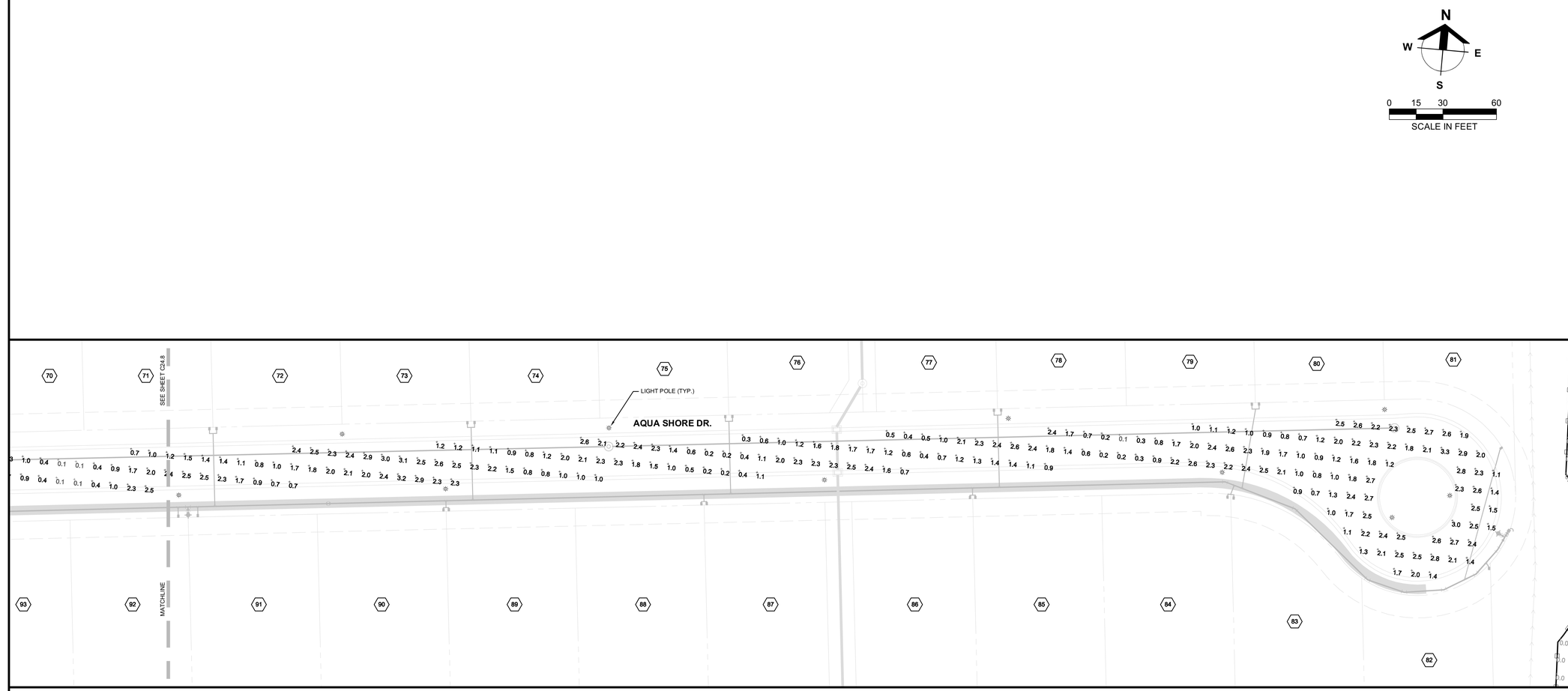
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.8

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



NOTE:

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LEGEND

x.x	ILLUMINANCE (FOOT CANDLES)

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CIVIL ENGINEERING - LAND SURVEYING
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FAX (239) 461-3169

FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

PULTE HOME CORPORATION
24311 WALDEN CENTER DRIVE
SUITE 300
BONITA SPRINGS, FLORIDA 34134

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FAX (239) 498-7707

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

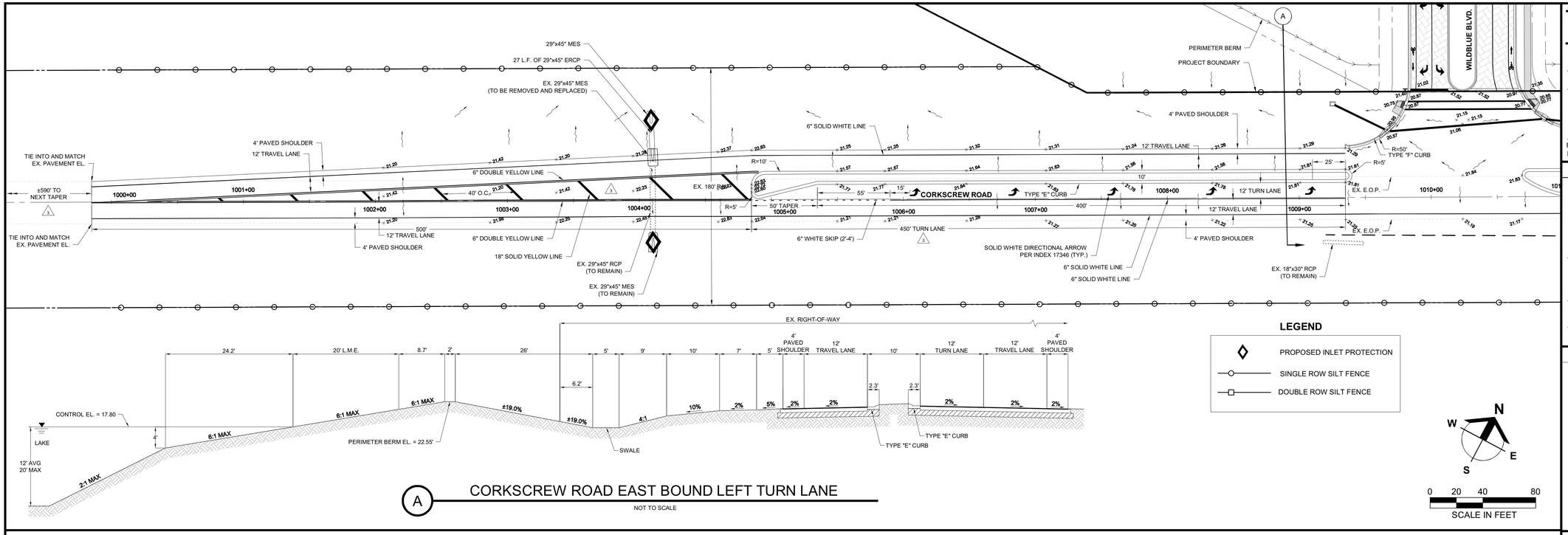
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

STREET LIGHTING PLANS

PROJECT / FILE NO.	SHEET NUMBER
23526	C24.9

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



A CORKSCREW ROAD EAST BOUND LEFT TURN LANE

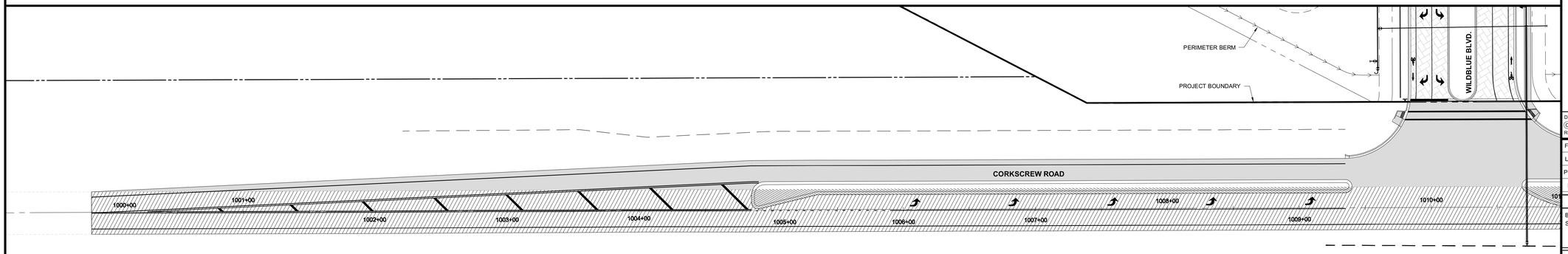
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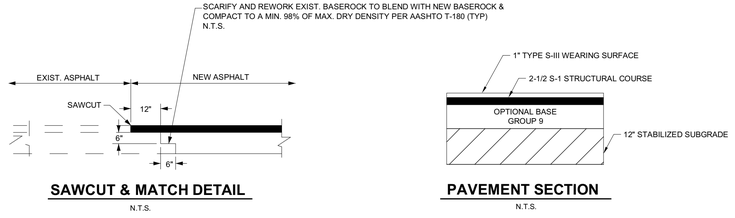
LEGEND

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

N
W E
S

0 20 40 80
SCALE IN FEET





SAWCUT & MATCH DETAIL

N.T.S.

PAVEMENT SECTION

N.T.S.

LEGEND

- PROPOSED PAVEMENT
- MILL AND RESURFACE
- EXISTING PAVEMENT TO BE REMOVED

NOTES:

- ALL STRIPING IN COUNTY RIGHT-OF-WAY SHALL BE THERMO-PLASTIC.
- ALL SIDEWALKS WITHIN LEE COUNTY RIGHT-OF-WAY SHALL BE CONCRETE (6" THICK).

N
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S

0 20 40 80
SCALE IN FEET

Barraco and Associates, Inc.

CIVIL ENGINEERING - LAND SURVEYING
LAND PLANNING - LANDSCAPE DESIGN

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PREPARED FOR

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PROJECT DESCRIPTION

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LEE COUNTY, FLORIDA

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PLOT DATE	TUE. 4-10-2018 - 4:00 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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SURVEY = 23372S00.DWG

PLAN REVISIONS

4-9-18	DO COMMENTS DATED 4-4-18 (1)

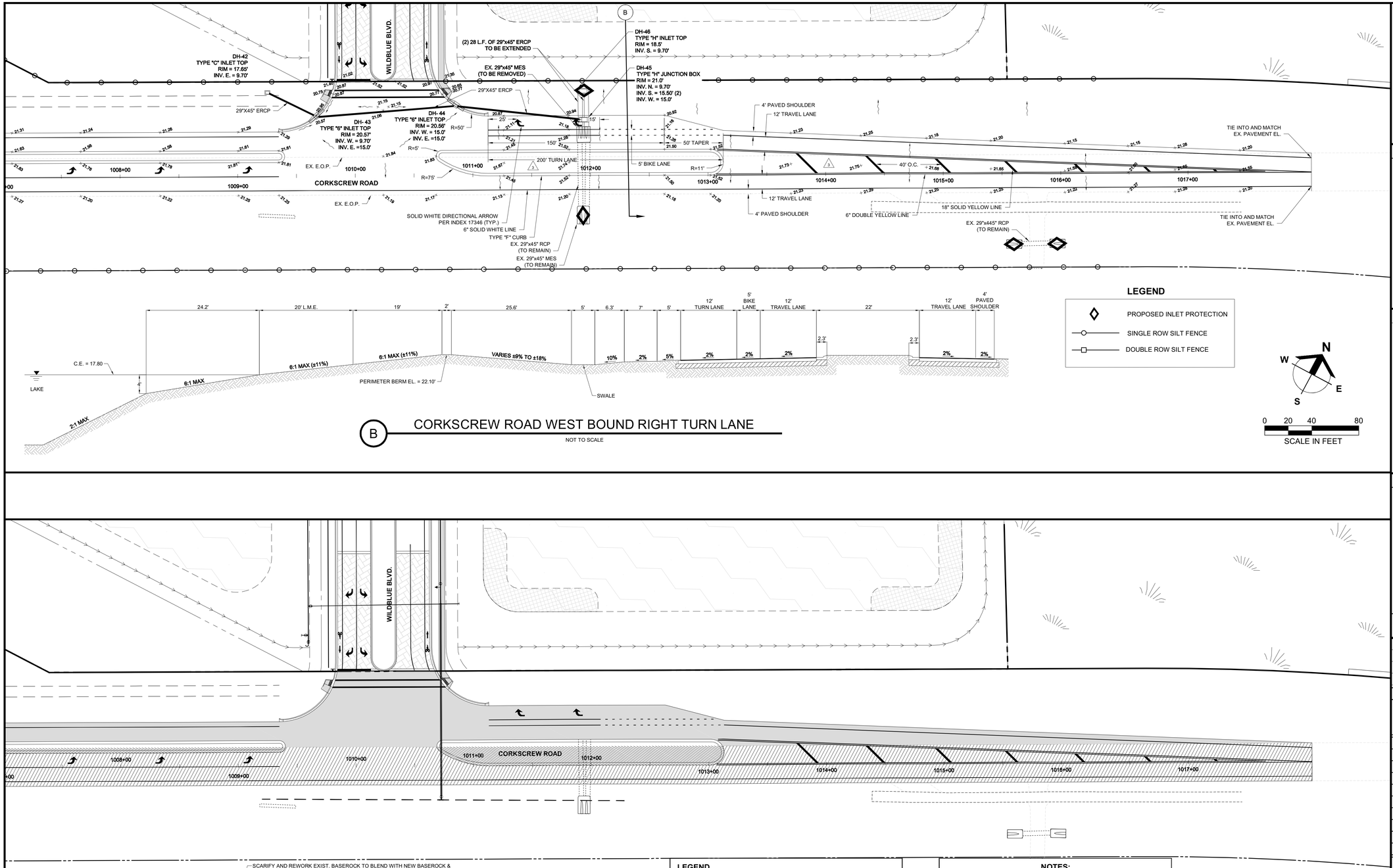
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

OFFSITE TURN LANES CORKSCREW ROAD

PROJECT / FILE NO.	SHEET NUMBER
23526	C25.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



B CORKSCREW ROAD WEST BOUND RIGHT TURN LANE

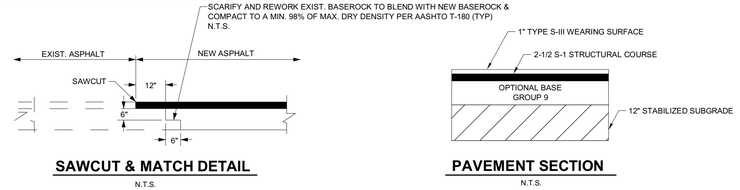
NOT TO SCALE

LEGEND

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

N
W E
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0 20 40 80
SCALE IN FEET



SAWCUT & MATCH DETAIL

N.T.S.

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PREPARED FOR

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

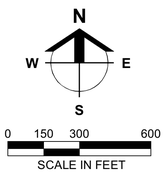
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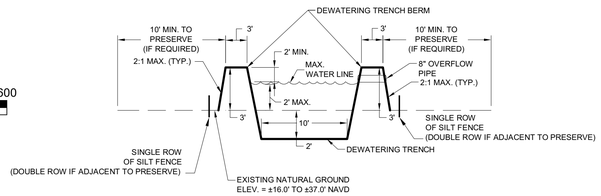
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

OFFSITE TURN LANES CORKSCREW ROAD

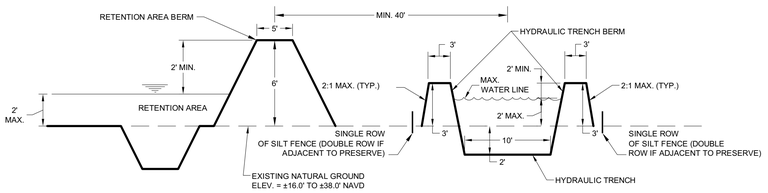
PROJECT / FILE NO.	SHEET NUMBER
23526	C25.1





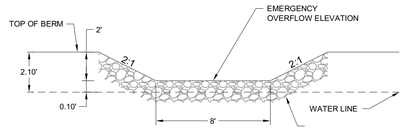
SECTION A — DEWATERING TRENCH

NOT TO SCALE



SECTION B — HYDRAULIC TRENCH TO RETENTION AREA SPACING

NOT TO SCALE



SECTION C — BERM NOTCH DETAIL FOR EMERGENCY OVERFLOW

NOT TO SCALE

DEWATERING NOTES:

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

GENERAL NOTES:

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

NOTE:

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

NOTE:

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

DEWATERING SEQUENCE: BASIN G

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

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

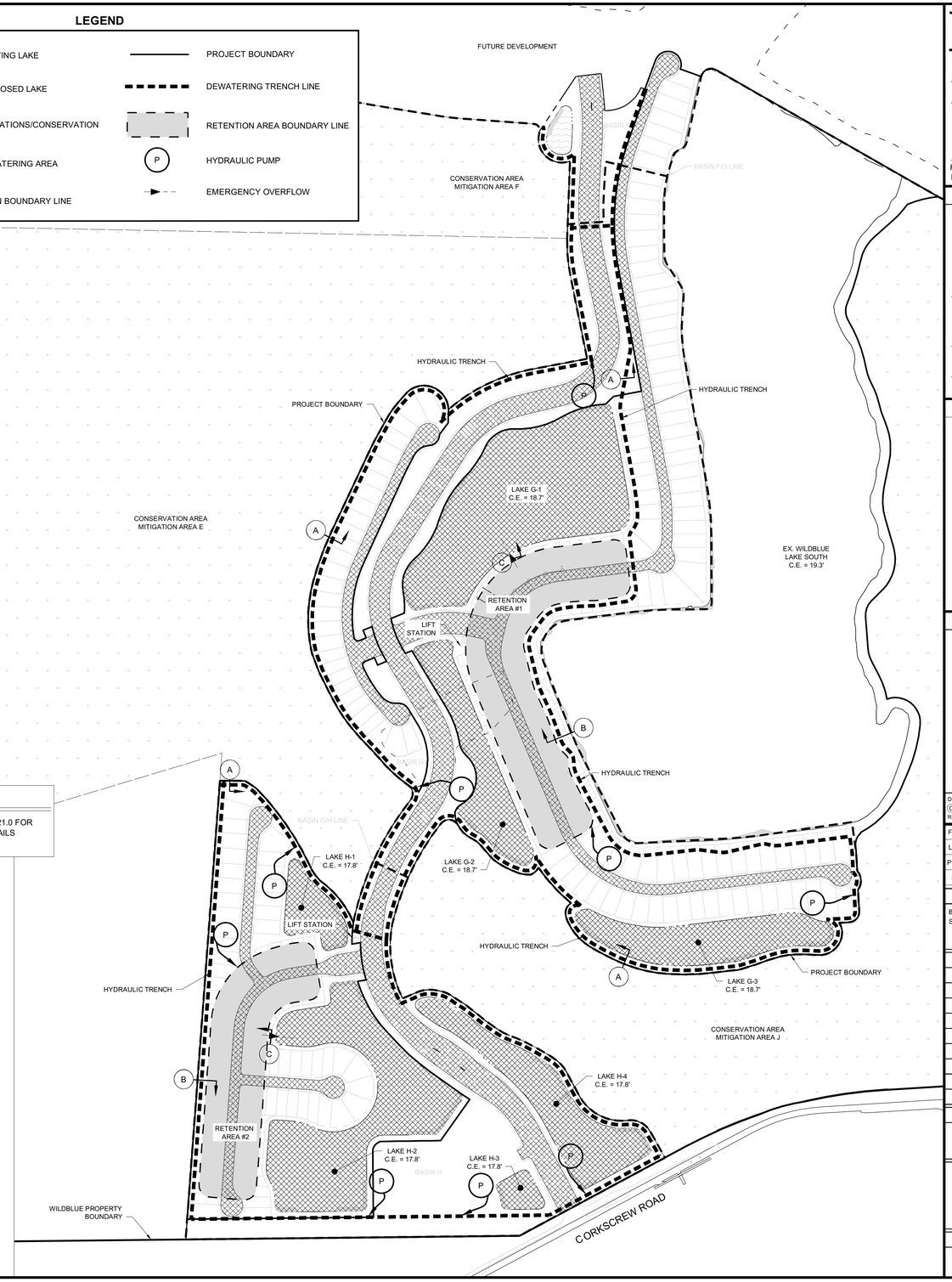
DEWATERING SEQUENCE: BASIN H

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

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

LEGEND

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



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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A93.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 4:01 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

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

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

DEWATERING PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	C26.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

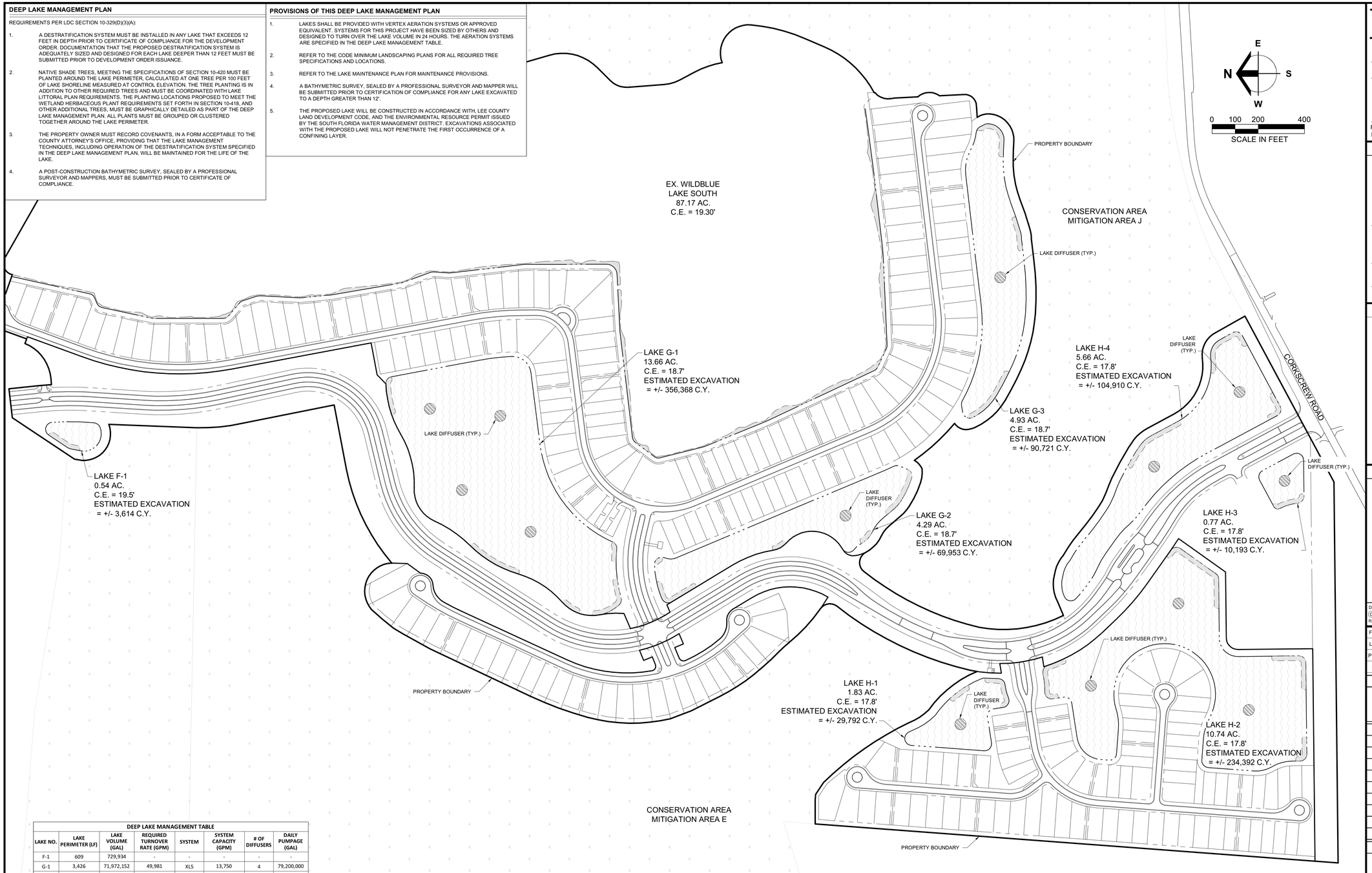
DEEP LAKE MANAGEMENT PLAN

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

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

PROVISIONS OF THIS DEEP LAKE MANAGEMENT PLAN

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



DEEP LAKE MANAGEMENT TABLE

LAKE NO.	LAKE PERIMETER (LF)	LAKE VOLUME (GAL)	REQUIRED TURNOVER RATE (GPM)	SYSTEM	SYSTEM CAPACITY (GPM)	# OF DIFFUSERS	DAILY PUMPAGE (GAL)
F-1	609	729,934	-	-	-	-	-
G-1	3,426	71,972,152	49,981	XL5	13,750	4	79,200,000
G-2	2,773	14,127,720	9,811	XL5	13,750	1	19,800,000
G-3	2,788	18,322,114	12,724	XL5	13,750	1	19,800,000
H-1	1,296	6,016,907	4,178	XL5	13,750	1	19,800,000
H-2	4,495	47,337,824	32,873	XL5	13,750	3	59,400,000
H-3	756	2,058,701	1,430	XL5	13,750	1	19,800,000
H-4	3,112	21,187,782	14,714	XL5	13,750	2	39,600,000

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FLORIDA CERTIFICATES OF AUTHORIZATION
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PREPARED FOR

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SUITE 300
BONITA SPRINGS, FLORIDA 34134
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WWW.PULTEHOMES.COM

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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FILE NAME	23526A94.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 4:01 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

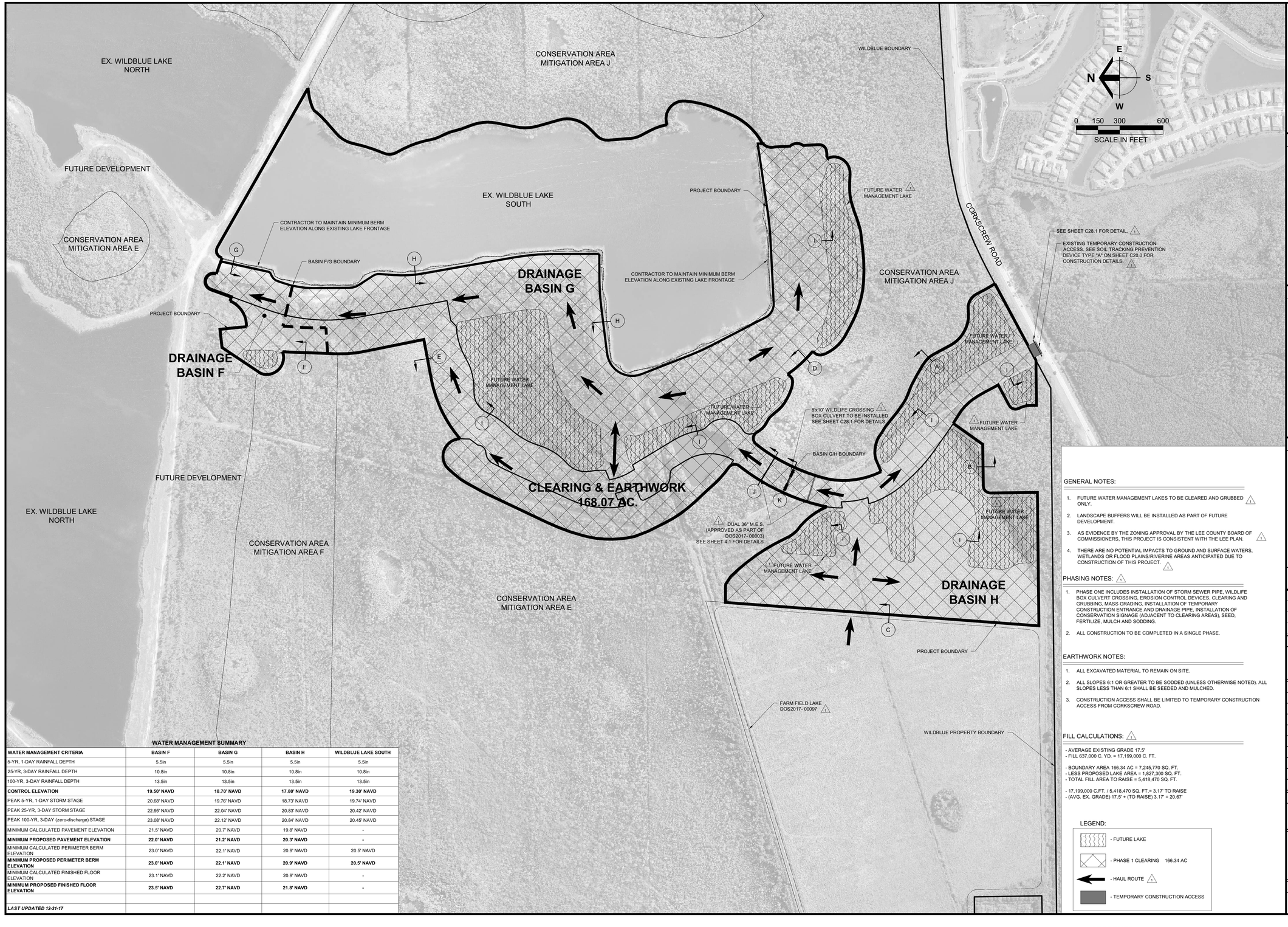
PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

DEEP LAKE MANAGEMENT PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	C27.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



WATER MANAGEMENT SUMMARY

WATER MANAGEMENT CRITERIA	BASIN F	BASIN G	BASIN H	WILDBLUE LAKE SOUTH
5-YR, 1-DAY RAINFALL DEPTH	5.5in	5.5in	5.5in	5.5in
25-YR, 3-DAY RAINFALL DEPTH	10.8in	10.8in	10.8in	10.8in
100-YR, 3-DAY RAINFALL DEPTH	13.5in	13.5in	13.5in	13.5in
CONTROL ELEVATION	**19.50' NAVD**	**18.70' NAVD**	**17.80' NAVD**	**19.30' NAVD**
PEAK 5-YR, 1-DAY STORM STAGE	20.68' NAVD	19.76' NAVD	18.73' NAVD	19.74' NAVD
PEAK 25-YR, 3-DAY STORM STAGE	22.95' NAVD	22.04' NAVD	20.83' NAVD	20.42' NAVD
PEAK 100-YR, 3-DAY (zero-discharge) STAGE	23.08' NAVD	22.12' NAVD	20.84' NAVD	20.45' NAVD
MINIMUM CALCULATED PAVEMENT ELEVATION	21.5' NAVD	20.7' NAVD	19.8' NAVD	-
MINIMUM PROPOSED PAVEMENT ELEVATION	**22.0' NAVD**	**21.2' NAVD**	**20.3' NAVD**	**-**
MINIMUM CALCULATED PERIMETER BERM ELEVATION	23.0' NAVD	22.1' NAVD	20.9' NAVD	20.5' NAVD
MINIMUM PROPOSED PERIMETER BERM ELEVATION	**23.0' NAVD**	**22.1' NAVD**	**20.9' NAVD**	**20.5' NAVD**
MINIMUM CALCULATED FINISHED FLOOR ELEVATION	23.1' NAVD	22.2' NAVD	20.9' NAVD	-
MINIMUM PROPOSED FINISHED FLOOR ELEVATION	**23.5' NAVD**	**22.7' NAVD**	**21.8' NAVD**	**-**
LAST UPDATED 12-31-17				

GENERAL NOTES:

1. FUTURE WATER MANAGEMENT LAKES TO BE CLEARED AND GRUBBED ONLY. (1)
2. LANDSCAPE BUFFERS WILL BE INSTALLED AS PART OF FUTURE DEVELOPMENT.
3. AS EVIDENCE BY THE ZONING APPROVAL BY THE LEE COUNTY BOARD OF COMMISSIONERS, THIS PROJECT IS CONSISTENT WITH THE LEE PLAN. (1)
4. THERE ARE NO POTENTIAL IMPACTS TO GROUND AND SURFACE WATERS, WETLANDS OR FLOOD PLAINS/RIVERINE AREAS ANTICIPATED DUE TO CONSTRUCTION OF THIS PROJECT. (1)

PHASING NOTES: (1)

1. PHASE ONE INCLUDES INSTALLATION OF STORM SEWER PIPE, WILDLIFE BOX CULVERT CROSSING, EROSION CONTROL DEVICES, CLEARING AND GRUBBING, MASS GRADING, INSTALLATION OF TEMPORARY CONSTRUCTION ENTRANCE AND DRAINAGE PIPE, INSTALLATION OF CONSERVATION SIGNAGE (ADJACENT TO CLEARING AREAS), SEED, FERTILIZE, MULCH AND SODDING.
2. ALL CONSTRUCTION TO BE COMPLETED IN A SINGLE PHASE.

EARTHWORK NOTES:

1. ALL EXCAVATED MATERIAL TO REMAIN ON SITE.
2. ALL SLOPES 6:1 OR GREATER TO BE SODDED (UNLESS OTHERWISE NOTED). ALL SLOPES LESS THAN 6:1 SHALL BE SEEDED AND MULCHED.
3. CONSTRUCTION ACCESS SHALL BE LIMITED TO TEMPORARY CONSTRUCTION ACCESS FROM CORKSCREW ROAD.

FILL CALCULATIONS: (1)

- AVERAGE EXISTING GRADE 17.5'
- FILL 637,000 C. YD. = 17,199,000 C. FT.

- BOUNDARY AREA 166.34 AC = 7,245,770 SQ. FT.
- LESS PROPOSED LAKE AREA = 1,827,300 SQ. FT.
- TOTAL FILL AREA TO RAISE = 5,418,470 SQ. FT.

- 17,199,000 C.FT. / 5,418,470 SQ. FT.= 3.17' TO RAISE
- (AVG. EX. GRADE) 17.5' + (TO RAISE) 3.17' = 20.67'

LEGEND:

- FUTURE LAKE
- PHASE 1 CLEARING 166.34 AC
- HAUL ROUTE (1)
- TEMPORARY CONSTRUCTION ACCESS

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 4:01 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG

PLAN REVISIONS

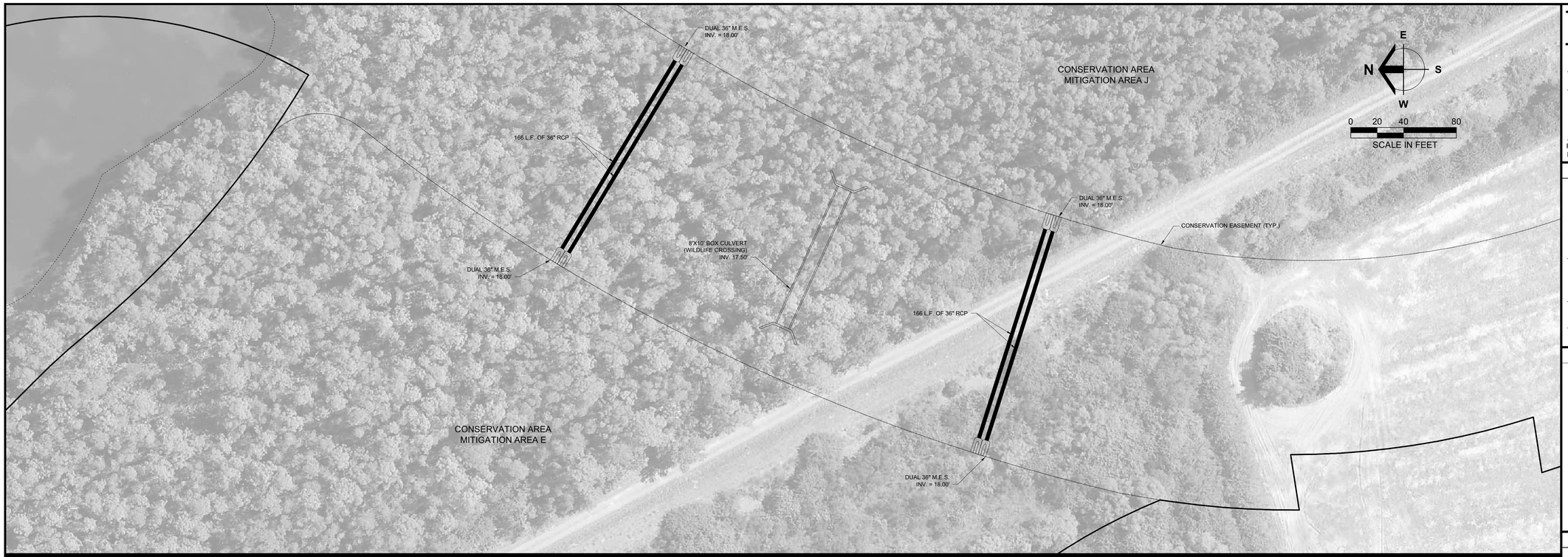
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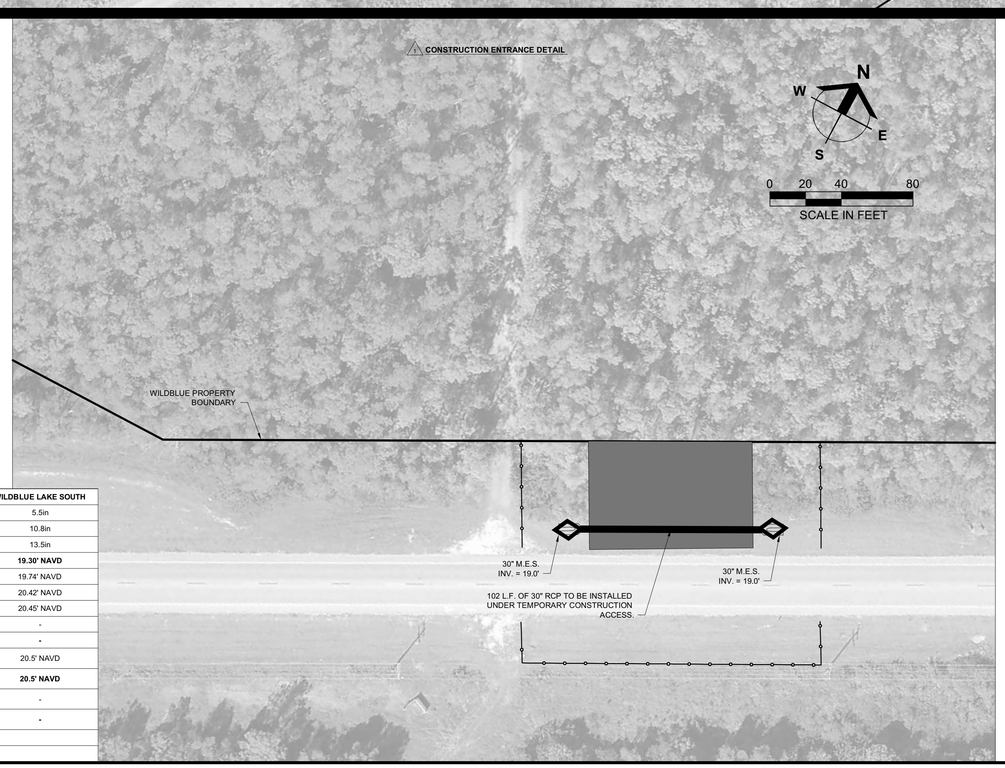
PLAN STATUS

APPROVAL SUBMITTALS PLANS NOT FOR CONSTRUCTION

CLEARING AND EARTHWORK PLAN

PROJECT / FILE NO.	SHEET NUMBER
23526	C28.0





WATER MANAGEMENT SUMMARY

WATER MANAGEMENT CRITERIA	BASIN F	BASIN G	BASIN H	WILDBLUE LAKE SOUTH
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MINIMUM PROPOSED PAVEMENT ELEVATION	**22.0' NAVD**	**21.2' NAVD**	**20.3' NAVD**	**-**
MINIMUM CALCULATED PERIMETER BERM ELEVATION	23.0' NAVD	22.1' NAVD	20.9' NAVD	20.5' NAVD
MINIMUM PROPOSED PERIMETER BERM ELEVATION	**23.0' NAVD**	**22.1' NAVD**	**20.9' NAVD**	**20.5' NAVD**
MINIMUM CALCULATED FINISHED FLOOR ELEVATION	23.1' NAVD	22.2' NAVD	20.9' NAVD	-
MINIMUM PROPOSED FINISHED FLOOR ELEVATION	**23.5' NAVD**	**22.7' NAVD**	**21.8' NAVD**	**-**
LAST UPDATED 12-31-17				

LEGEND:

- TEMPORARY CONSTRUCTION ACCESS
- SINGLE ROW SILT FENCE
- PROPOSED INLET PROTECTION

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018

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FILE NAME	23526A99A.DWG
LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE. 4-10-2018 - 4:02 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

BASEPLAN = 23526A00.DWG

PLAN REVISIONS

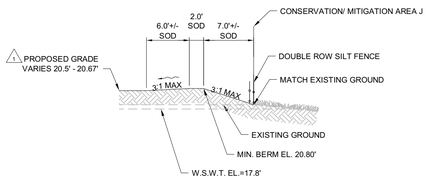
12/26/17	DO COMMENTS DATED 12/18/17 (1)

PLAN STATUS

APPROVAL SUBMITTALS PLANS
NOT FOR CONSTRUCTION

CLEARING AND EARTHWORK PLAN

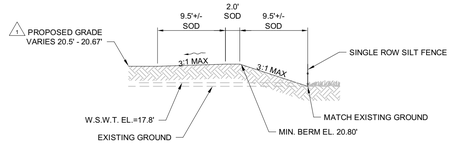
PROJECT / FILE NO.	SHEET NUMBER
23526	**C28.1**



A

BASIN "H" TO CONSERVATION/MITIGATION AREA "J"

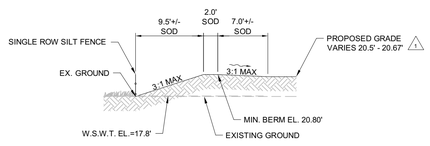
NOT TO SCALE



B

BASIN "H" TO SOUTH BOUNDARY

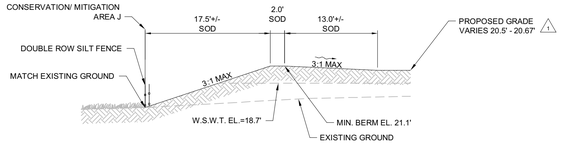
NOT TO SCALE



C

BASIN "H" TO FARM FIELD

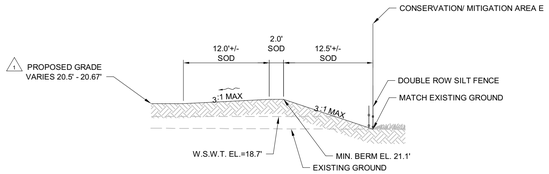
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D

BASIN "G" TO CONSERVATION/ MITIGATION AREA "J"

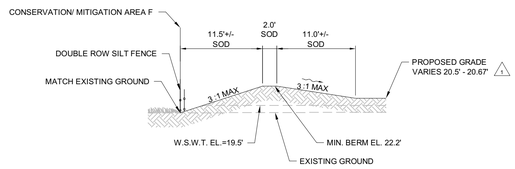
NOT TO SCALE



E

BASIN "G" TO CONSERVATION/ MITIGATION AREA "E"

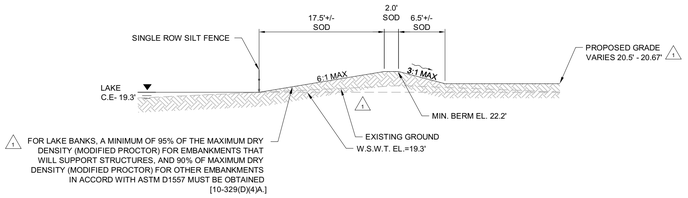
NOT TO SCALE



F

BASIN "F" TO CONSERVATION/ MITIGATION AREA "F"

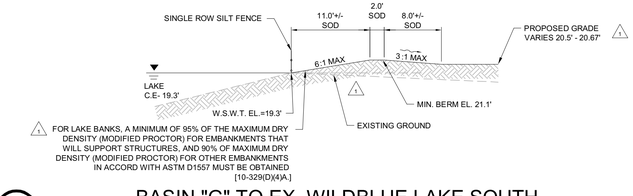
NOT TO SCALE



G

BASIN "F" TO EX. WILDBLUE LAKE SOUTH

NOT TO SCALE



H

BASIN "G" TO EX. WILDBLUE LAKE SOUTH

NOT TO SCALE

Barraco and Associates, Inc.
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LAND PLANNING - LANDSCAPE DESIGN
www.barraco.net
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FLORIDA CERTIFICATES OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

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

PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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

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LOCATION	J:\23526\DWG\DO SPINE ROAD\
PLOT DATE	TUE, 4-10-2018 - 4:02 PM
PLOT BY	PEYTON GAUSE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

12/26/17	DO COMMENTS DATED 12/15/17 1

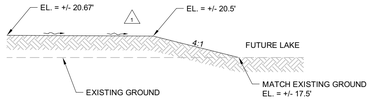
PLAN STATUS

APPROVAL SUBMITTALS PLANS
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TYPICAL SECTIONS

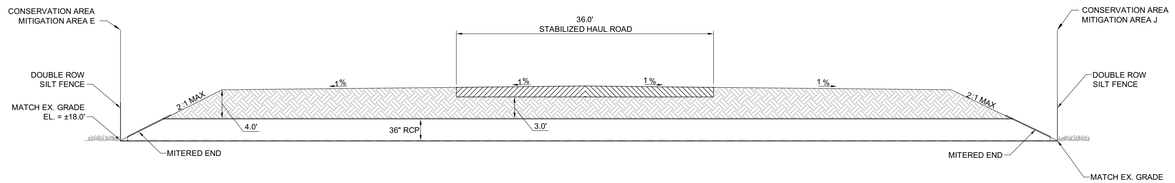
PROJECT / FILE NO.	SHEET NUMBER
23526	C29.0

APPROVED
DOS2018-00007
Tom Sawtell, Plan Reviewer
Lee County Development Services
4/25/2018



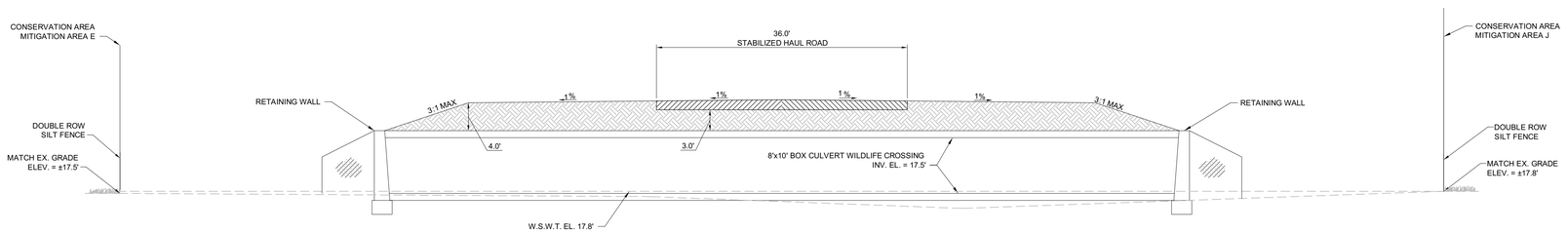
1 FILL SURFACE TO FUTURE WATER MANAGEMENT LAKES

NOT TO SCALE



J 36" CULVERT CROSSING

N.T.S.



K WILDLIFE CROSSING

N.T.S.

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PROJECT DESCRIPTION

WILDBLUE SOUTHWEST

LEE COUNTY, FLORIDA

ENGINEER OF RECORD

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PLAN REVISIONS

12/26/17	DO COMMENTS DATED 12/18/17 1

PLAN STATUS

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TYPICAL SECTIONS

PROJECT / FILE NO.	SHEET NUMBER
23526	C29.1

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Tom Sawtell, Plan Reviewer
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