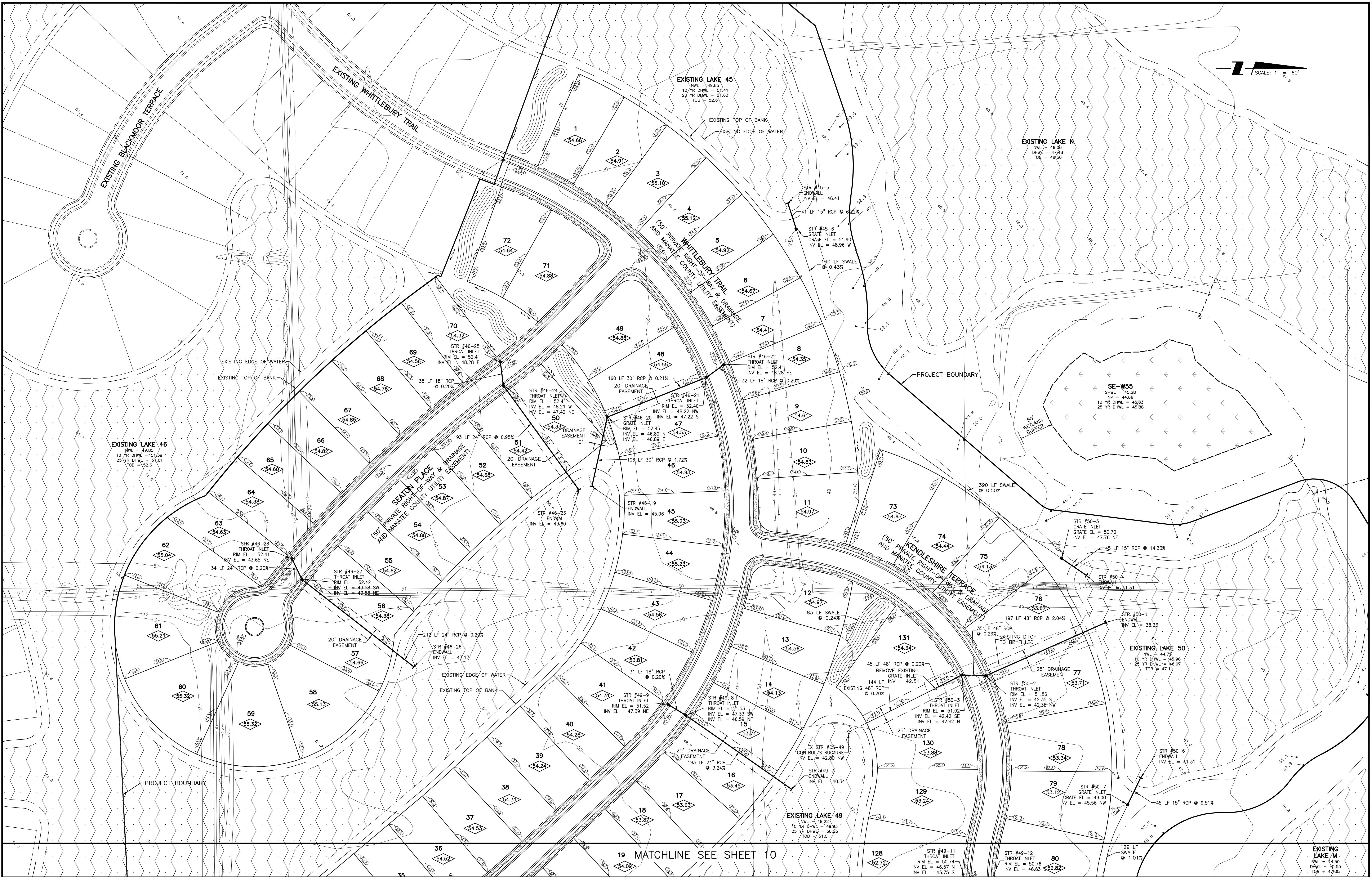




REVISION				ACTIVITY			
NO.	DATE	BY	CHKD	NO.	DATE	BY	CHKD
D	4/4/16	MSC/98616		DESIGNED BY:	10/2015	MSC/98616	
A	2/5/16	AS/102871		DRAWN BY:	10/2015		
				CHECKED BY:			
				CONTRACT ADMIN. BY:			
				WM APPROVED BY:			

CLIENT:		SLV II CCE VENTURE, LLP	
PROJECT:		COUNTRY CLUB EAST AT LWR SUBPHASE "YY"	
DATE:		10/2015	
HORIZONTAL SCALE:		1" = 60'	
VERTICAL SCALE:		1" = 35.5' 19E	
CROSS REFERENCE FILE NO.:		PROJECT NUMBER:	
		215612847	
SHEET NUMBER:		9 OF 43	

TITLE:		MASTER GRADING & DRAINAGE PLAN	
INDEX NUMBER:		215612847-01C-131SD	
SHEET NUMBER:		9 OF 43	

EXISTING LAKE 45		EXISTING LAKE 46	
NW = 49.85		NW = 49.85	
10 YR DHWL = 51.41		10 YR DHWL = 51.39	
25 YR DHWL = 51.63		25 YR DHWL = 51.61	
TOB = 52.6		TOB = 52.6	

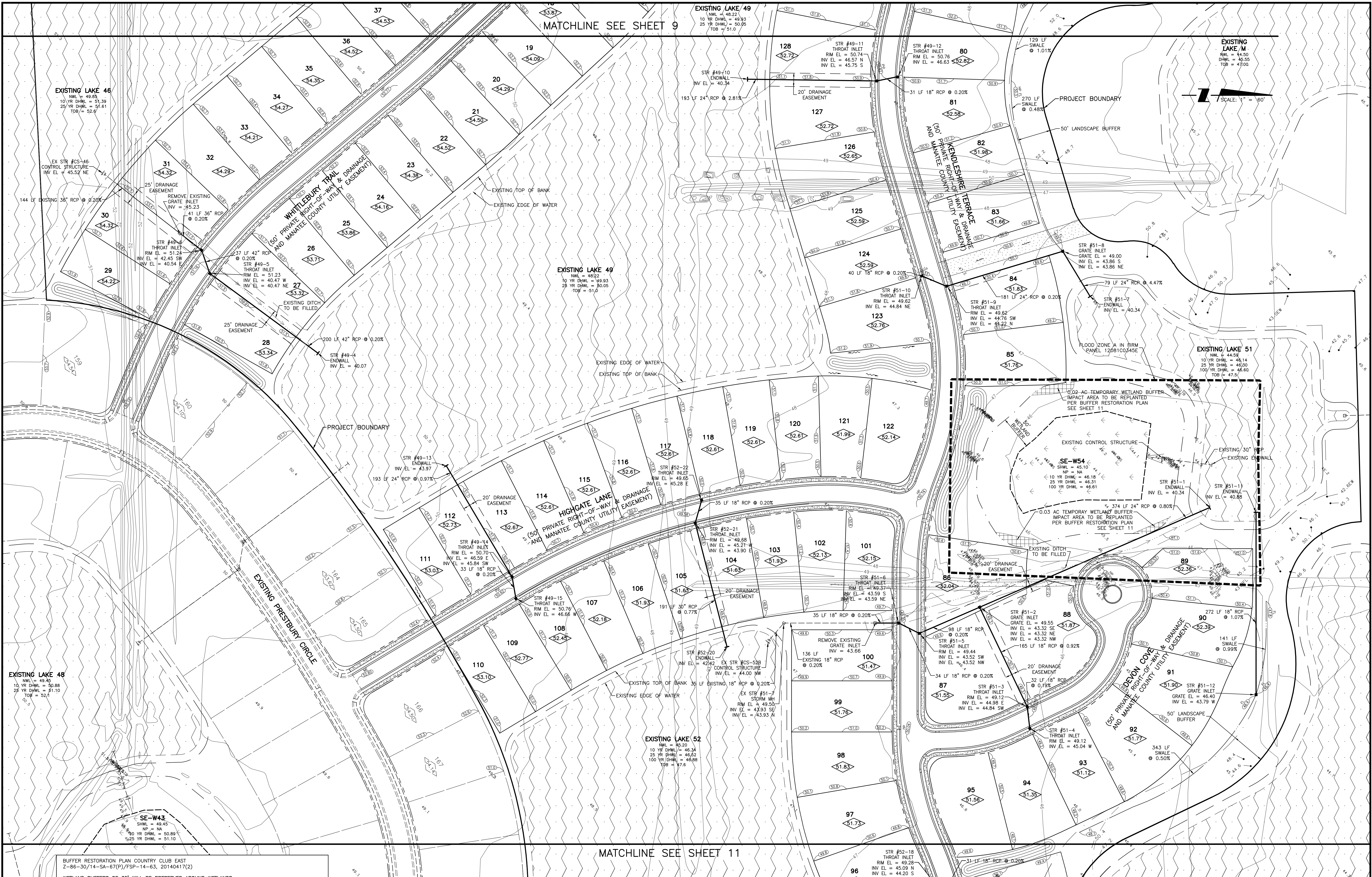
EXISTING LAKE 49		EXISTING LAKE 50	
NW = 48.22		NW = 44.75	
10 YR DHWL = 49.83		10 YR DHWL = 45.96	
25 YR DHWL = 50.95		25 YR DHWL = 46.07	
TOB = 51.0		TOB = 47.1	

EXISTING LAKE N		EXISTING LAKE M	
NW = 46.00		NW = 44.50	
DHWL = 47.68		DHWL = 45.55	
TOB = 48.50		TOB = 47.00	

SE-W55		EXISTING LAKE 49	
SHWL = 45.28		NW = 48.22	
NP = 44.86		10 YR DHWL = 49.83	
10 YR DHWL = 45.83		25 YR DHWL = 50.95	
25 YR DHWL = 45.88		TOB = 51.0	

Stantec
6900 Professional Parkway East, Sarasota, FL 34240-8414
Phone 941-907-6000 • Fax 941-907-6910
Certificate of Authorization #27013 • www.stantec.com

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Stantec without delay. The Copyright to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.



L REVISED LAKE 51 AND WETLAND SE-W54			12/6/16	MSC/98616		ACTIVITY	INITIALS/EMP. NO.	DATE	 Stantec 6700 Professional Parkway East, Sarasota, FL 34240-8414 Phone 941-907-6700 • Fax 941-907-6701 Certificate of Authorization #2013 • www.stantec.com	CLIENT: SLV II CCE VENTURE, LLP	PROJECT: COUNTRY CLUB EAST AT LWR SUBPHASE "YY"	DATE: 10/2015 HORIZONTAL SCALE: 1" = 60' VERTICAL SCALE: 1" = 5' 0"	TITLE: MASTER GRADING & DRAINAGE PLAN	CROSS REFERENCE FILE NO.: PROJECT NUMBER: 215612847	SHEET NUMBER: 10 OF 43
J REVISED SWALE LOCATION & GRADES			10/25/16	MSC/98616		DESIGNED BY:	MSC/98616	10/2015							
D REVISED STR #51-8, 51-7, 51-11, 51-12 & SWALES			4/4/16	MSC/98616		DRAWN BY:		10/2015							
A ADDED BUFFER, BERMS, SWALES, STR 51-11, 51-2, REVISED LOT 83-85, 101-107, 123 FF ELEV,						CHECKED BY:									
ROAD ELEV & MOVED STR 51-7, 51-8 & 51-10, ADDED ZONE A			2/5/16	MSC/98616		CONTRACT ADMIN. BY:									
Δ REV NO.	REVISION		DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.	WM APPROVED BY:									

MATCHLINE SEE SHEET 10

SE-W43
SHWL = 49.45
NP = NA
10 YR DHWL = 50.89
25 YR DHWL = 51.10

BUFFER RESTORATION PLAN COUNTRY CLUB EAST
Z-86-30/14-SA-67(P)/FSP-14-63, 20140417(2)

WETLAND BUFFERS OF 30' WILL BE PRESERVED AROUND WETLANDS POST-DEVELOPMENT. IN ACCORDANCE WITH SECTION 706.7.D.3 OF THE LDC, AND TO IMPROVE THE HABITAT VALUE IN THE WETLAND BUFFERS, THE FOLLOWING MANAGEMENT PLAN WILL BE IMPLEMENTED:

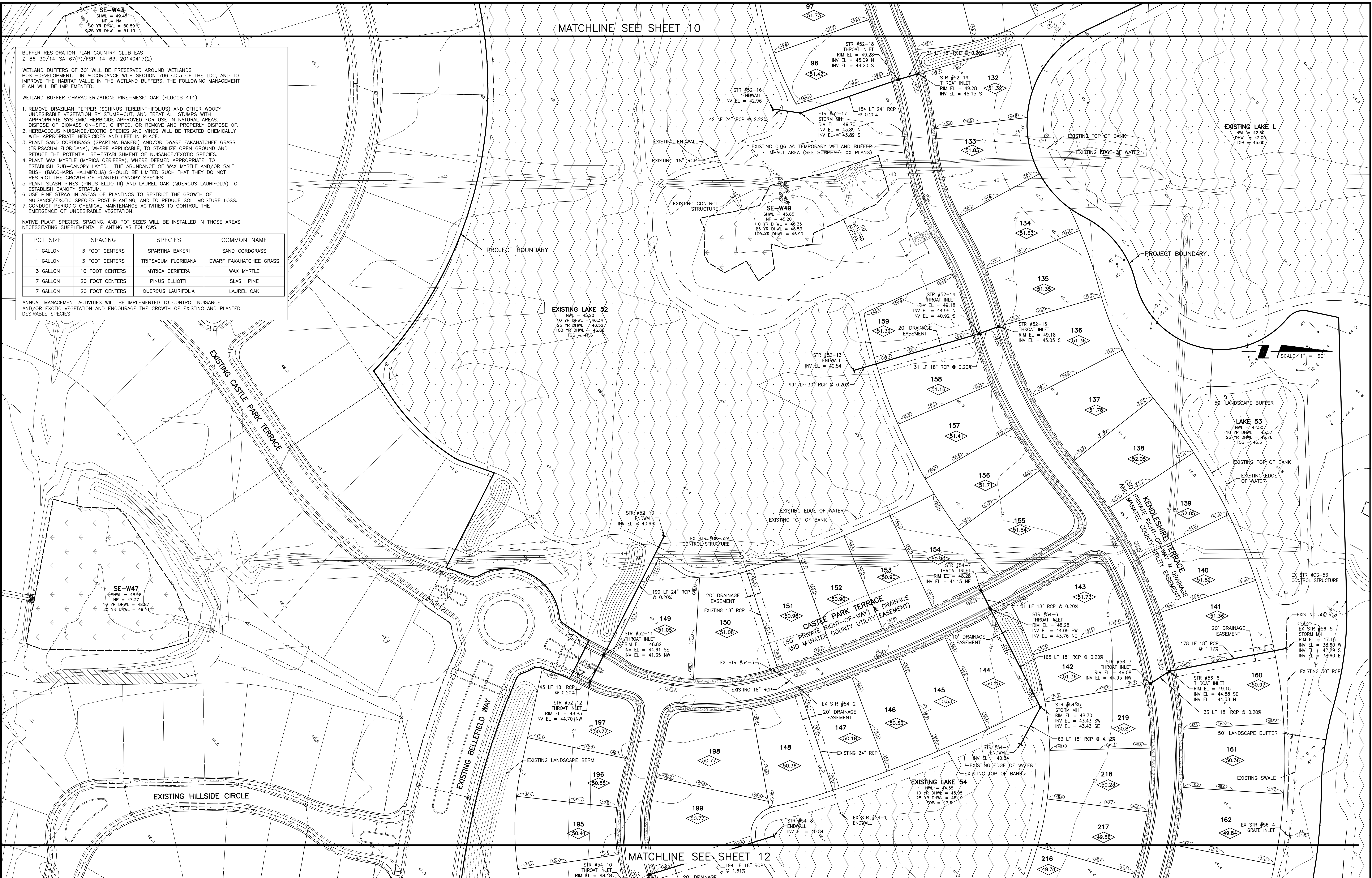
WETLAND BUFFER CHARACTERIZATION: PINE-MESIC OAK (FLUCCS 414)

1. REMOVE BRAZILIAN PEPPER (SCHINUS TEREBINTHIFOLIUS) AND OTHER WOODY UNDESIRABLE VEGETATION BY STUMP-CUT, AND TREAT ALL STUMPS WITH APPROPRIATE SYSTEMIC HERBICIDE APPROVED FOR USE IN NATURAL AREAS. DISPOSE OF BIOMASS ON-SITE, CHIPPED, OR REMOVE AND PROPERLY DISPOSE OF.
2. HERBACEOUS NUISANCE/EXOTIC SPECIES AND VINES WILL BE TREATED CHEMICALLY WITH APPROPRIATE HERBICIDES AND LEFT IN PLACE.
3. PLANT SAND CORDGRASS (SPARTINA BAKERI) AND/OR DWARF FAKAHATCHEE GRASS (TRIPSACUM FLORIDANA), WHERE APPLICABLE, TO STABILIZE OPEN GROUND AND REDUCE THE POTENTIAL RE-ESTABLISHMENT OF NUISANCE/EXOTIC SPECIES.
4. PLANT WAX MYRTLE (MYRICA CERIFERA), WHERE DEEMED APPROPRIATE, TO ESTABLISH SUB-CANOPY LAYER. THE ABUNDANCE OF WAX MYRTLE AND/OR SALT BUSH (BACCHARIS HALIMIFOLIA) SHOULD BE LIMITED SUCH THAT THEY DO NOT RESTRICT THE GROWTH OF PLANTED CANOPY SPECIES.
5. PLANT SLASH PINES (PINUS ELLIOTTII) AND LAUREL OAK (QUERCUS LAURIFOLIA) TO ESTABLISH CANOPY STRATUM.
6. USE PINE STRAW IN AREAS OF PLANTINGS TO RESTRICT THE GROWTH OF NUISANCE/EXOTIC SPECIES POST PLANTING, AND TO REDUCE SOIL MOISTURE LOSS.
7. CONDUCT PERIODIC CHEMICAL MAINTENANCE ACTIVITIES TO CONTROL THE EMERGENCE OF UNDESIRABLE VEGETATION.

NATIVE PLANT SPECIES, SPACING, AND POT SIZES WILL BE INSTALLED IN THOSE AREAS NECESSITATING SUPPLEMENTAL PLANTING AS FOLLOWS:

POT SIZE	SPACING	SPECIES	COMMON NAME
1 GALLON	3 FOOT CENTERS	SPARTINA BAKERI	SAND CORDGRASS
1 GALLON	3 FOOT CENTERS	TRIPSACUM FLORIDANA	DWARF FAKAHATCHEE GRASS
3 GALLON	10 FOOT CENTERS	MYRICA CERIFERA	WAX MYRTLE
7 GALLON	20 FOOT CENTERS	PINUS ELLIOTTII	SLASH PINE
7 GALLON	20 FOOT CENTERS	QUERCUS LAURIFOLIA	LAUREL OAK

ANNUAL MANAGEMENT ACTIVITIES WILL BE IMPLEMENTED TO CONTROL NUISANCE AND/OR EXOTIC VEGETATION AND ENCOURAGE THE GROWTH OF EXISTING AND PLANTED DESIRABLE SPECIES.



MATCHLINE SEE SHEET 12

REV	NO.	REVISION	DATE	DRAWN BY / EDP. NO.	CHECKED BY / EDP. NO.	WM APPROVED BY:
L	1	REVISED LAKE 52 AND WETLAND SE-W49	10/2015	MSC/98616		
A	1	ADDED LANDSCAPE BUFFER, BERMS & SWALES, REVISED LOT 148 FF ELEV.	2/5/16	MSC/98616		

Stantec
6900 Professional Parkway East, Sarasota, FL 34240-8414
Phone 941-907-6000 • Fax 941-907-6910
Certificate of Authorization #27013 • www.stantec.com

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. Any errors or omissions shall be reported to Stantec without delay. The Copyright to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

CLIENT: SLV II CCE VENTURE, LLP
PROJECT: COUNTRY CLUB EAST AT LWR SUBPHASE "YY"

DATE: 10/2015
HORIZONTAL SCALE: 1" = 60'
VERTICAL SCALE: 1" = 5'

TITLE: MASTER GRADING & DRAINAGE PLAN
CROSS REFERENCE FILE NO.:
PROJECT NUMBER: 215612847
SHEET NUMBER: 11 OF 43

KETH E. LUTZEL, P.E.
FLORIDA LICENSE NO. 63118
INDEX NUMBER: 215612847-01C-131SD
SHEET NUMBER: 11 OF 43

