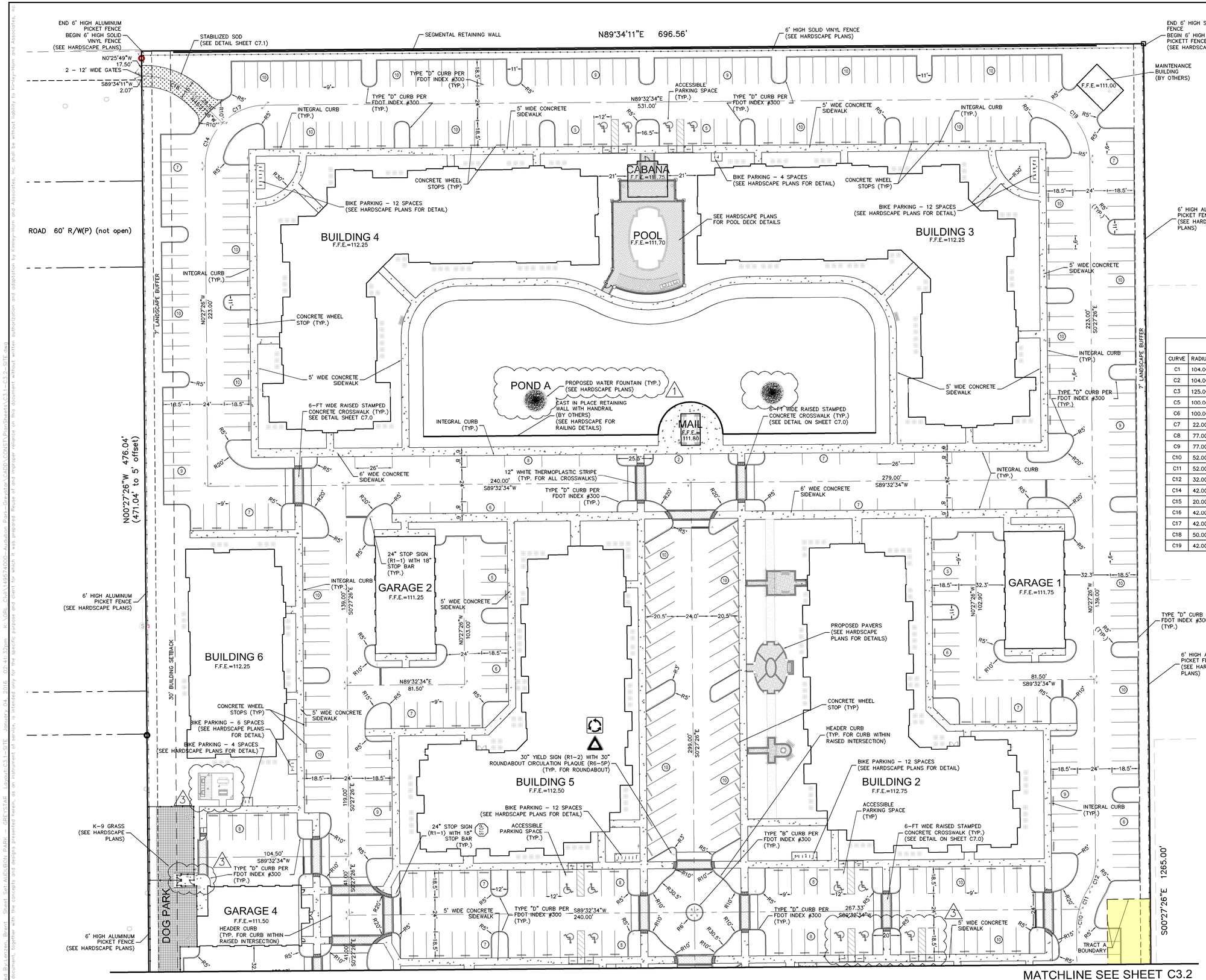


CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C1	104.00'	96.33'	N26°59'36"W	92.93'	53°04'21"	51.93'
C2	104.00'	11.26'	N56°37'52"W	11.25'	6°12'11"	5.64'
C3	125.00'	129.32'	N30°05'42"W	123.63'	59°16'32"	71.12'
C5	100.00'	79.58'	N23°15'16"W	77.49'	45°35'39"	42.03'
C6	100.00'	68.78'	N65°45'16"W	67.43'	39°24'21"	35.81'
C7	22.00'	17.51'	N66°44'44"E	17.05'	45°35'39"	9.25'
C8	77.00'	57.07'	N68°18'37"E	55.77'	42°27'52"	29.92'
C9	77.00'	63.88'	N23°18'37"E	62.07'	47°32'08"	33.91'
C10	52.00'	13.83'	S7°09'48"W	13.79'	15°14'29"	6.96'
C11	52.00'	16.06'	S23°37'51"W	15.99'	17°41'38"	8.09'
C12	32.00'	18.39'	S16°00'37"W	18.14'	32°56'07"	9.46'
C14	42.00'	32.99'	N22°02'34"E	32.15'	45°00'00"	17.40'
C15	20.00'	31.42'	S44°32'34"W	28.28'	90°00'00"	20.00'
C16	42.00'	65.97'	N45°27'26"W	59.40'	90°00'00"	42.00'
C17	42.00'	32.99'	N67°02'34"E	32.15'	45°00'00"	17.40'
C18	50.00'	39.25'	N67°56'38"W	38.25'	44°58'22"	20.70'
C19	42.00'	65.97'	S45°27'26"E	59.40'	90°00'00"	42.00'

LEGEND

- PROPERTY LINE
- BUILDING SETBACK
- LANDSCAPE SETACK
- CROSSWALK PAVERS
- BRICK PAVERS
- CONCRETE
- HEAVY DUTY CONCRETE
- HEAVY DUTY ASPHALT
- PERVIOUS PAVERS
- AC/PA

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
2	PER CITY AND OWNER COMMENTS	3/11/2015	BAL
1	PER FHA COMMENTS	1/5/2015	BAL

Kimley»Horn
© 2015 KIMLEY-HORN AND ASSOCIATES, INC.
3660 MAGUIRE BOULEVARD, SUITE 200, ORLANDO, FL 32803
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
JAY R. JACKSON, P.E.
FLORIDA LICENSE NUMBER 54247
DATE: ____

KHA PROJECT 149574000
DATE 01/21/2015
SCALE AS SHOWN
DESIGNED BY ___
DRAWN BY ___
CHECKED BY ___

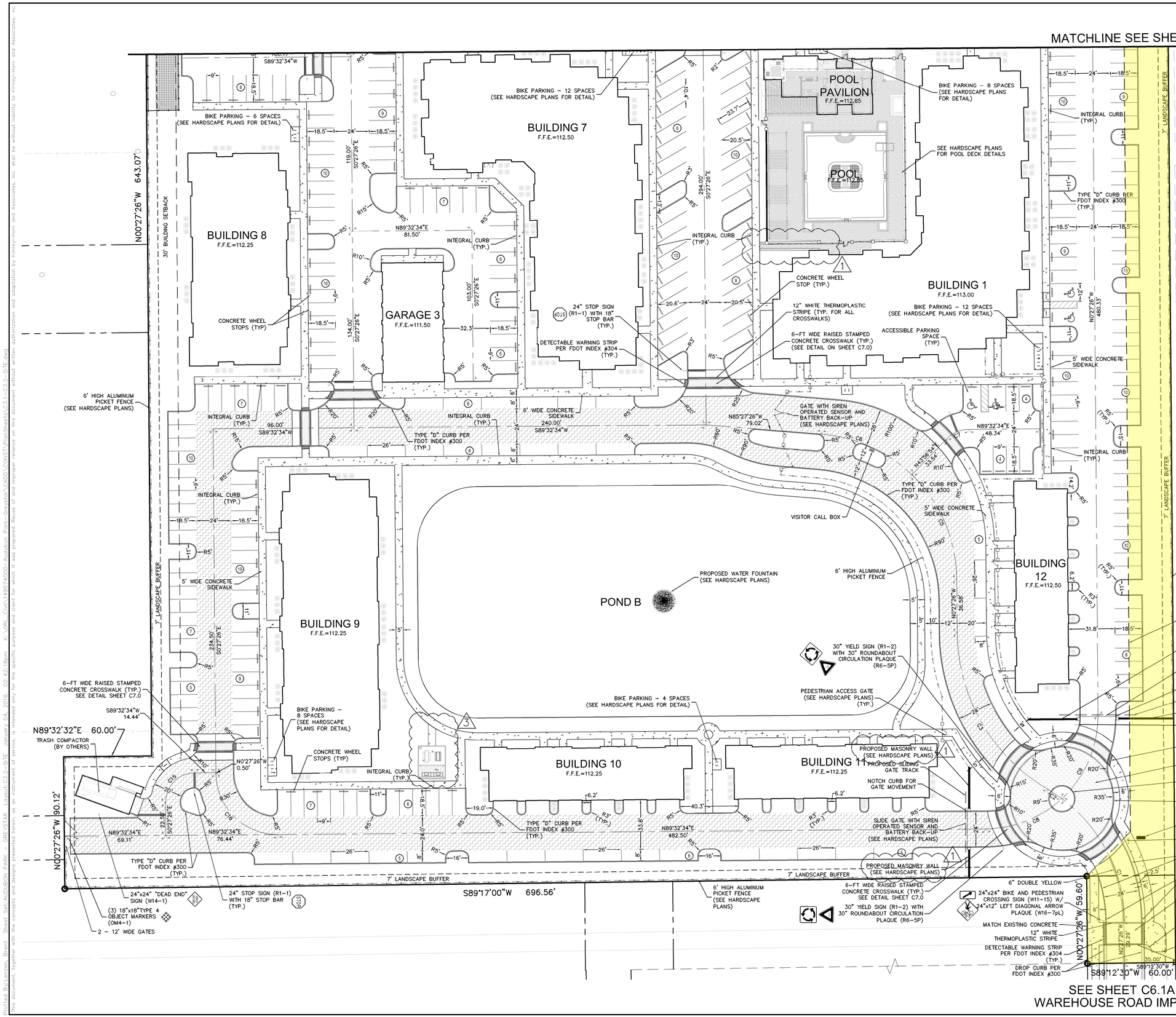
SITE PLAN

ELAN AUDUBON PARK

CITY OF ORLANDO FLORIDA

SHEET NUMBER
C3.1

Plotted By:Jackson, Brent Saved Set:AUDUBON PARK (GRESTAE Layout:C3.1-SITE January 04, 2016 09:41:32am K:\ORL Civil\149574000-Audubon Park\Greston\CADD\CONSTR\Plot\Sheets\C3.1-C3.2-SITE.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C1	104.00'	96.33'	N26°59'36"W	92.93'	53°04'21"	51.93'
C2	104.00'	11.26'	N56°37'52"W	11.25'	6°12'11"	5.64'
C3	125.00'	129.32'	N30°05'42"W	123.63'	59°16'32"	71.12'
C5	100.00'	79.58'	N23°15'16"W	77.49'	45°35'39"	42.03'
C6	100.00'	68.78'	N65°45'16"W	67.43'	39°24'21"	35.81'
C7	22.00'	17.51'	N66°44'44"E	17.05'	45°35'39"	9.25'
C8	77.00'	57.07'	N68°18'37"E	55.77'	42°27'52"	29.92'
C9	77.00'	63.88'	N23°18'37"E	62.07'	47°32'08"	33.91'
C10	52.00'	13.83'	S7°09'48"W	13.79'	15°14'29"	6.96'
C11	52.00'	16.06'	S23°37'51"W	15.99'	17°41'38"	8.09'
C12	32.00'	18.39'	S16°00'37"W	18.14'	32°56'07"	9.46'
C14	42.00'	32.99'	N22°02'34"E	32.15'	45°00'00"	17.40'
C15	20.00'	31.42'	S44°32'34"W	28.28'	90°00'00"	20.00'
C16	42.00'	65.97'	N45°27'26"W	59.40'	90°00'00"	42.00'
C17	42.00'	32.99'	N67°02'34"E	32.15'	45°00'00"	17.40'
C18	50.00'	39.25'	N67°56'38"W	38.25'	44°58'22"	20.70'
C19	42.00'	65.97'	S45°27'26"E	59.40'	90°00'00"	42.00'

LEGEND

- PROPERTY LINE
- BUILDING SETBACK
- LANDSCAPE SETACK
- CROSSWALK PAVERS
- BRICK PAVERS
- CONCRETE
- HEAVY DUTY CONCRETE
- HEAVY DUTY ASPHALT
- PERVIOUS PAVERS
- AC/PA

No.	REVISIONS	DATE	BY
2	PER CITY AND OWNER COMMENTS	3/11/2015	BAL
1	PER FHA COMMENTS	1/15/2015	BAL

Kimley»Horn

© 2015 KIMLEY-HORN AND ASSOCIATES, INC.

3660 MAGUIRE BOULEVARD, SUITE 200, ORLANDO, FL 32803
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
JAY R. JACKSON, P.E.
FLORIDA LICENSE NUMBER 54247
DATE: ——

KHA PROJECT 149574000
DATE 01/21/2015
SCALE AS SHOWN
DESIGNED BY ——
DRAWN BY ——
CHECKED BY ——

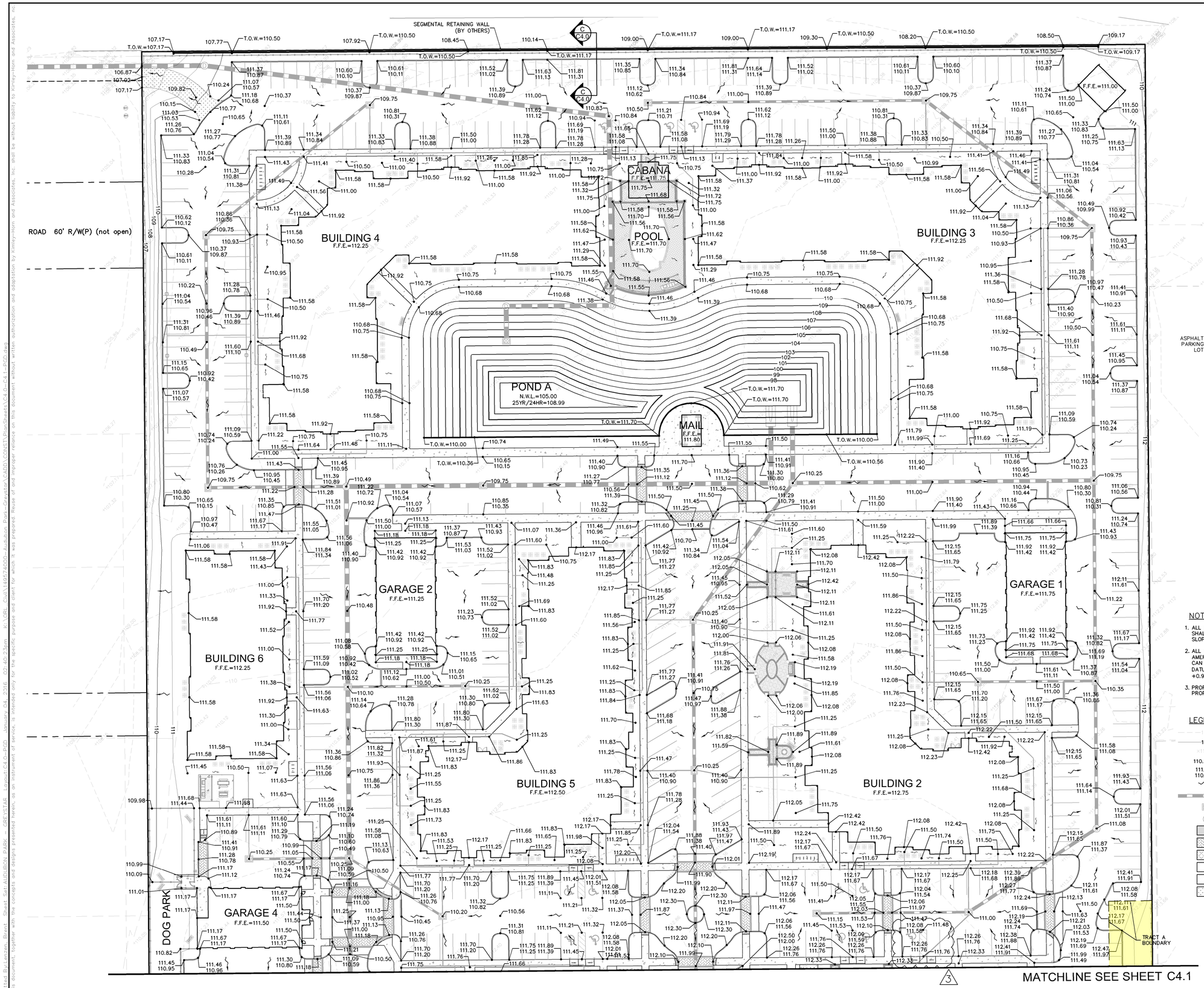
SITE PLAN

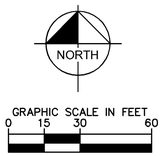
ELAN AUDUBON PARK

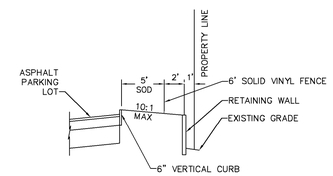
CITY OF ORLANDO FLORIDA

SHEET NUMBER
C3.2

Revised By:Kevin Brent Sheet Set:AUDUBON PARK (SITESAVE Layout:C3.2-SITE January 04, 2016 07:42:18pm K:\ORL_CIVIL\149574000-Audubon Park\Drawings\CAD\CONST\PlanSheets\C3.1-C3.2-SITE.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.







SECTION C-C
N.T.S.

NOTES

1. ALL PEDESTRIAN SIDEWALKS, PATHWAYS, AND CROSSWALKS SHALL BE CONSTRUCTED NOT TO EXCEED MAX. 2.0% CROSS SLOPE, MAX. 5% RUNNING SLOPE.
2. ALL PLAN ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ELEVATIONS CAN BE CONVERTED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29) USING A CONVERSION FACTOR OF +0.97' (NAVD+0.97'=NGVD)
3. PROPOSED GRADES TO MATCH EXISTING ELEVATIONS AT PROPERTY LINE.

LEGEND

- 110 — EXISTING CONTOUR
- 110 — PROPOSED CONTOUR
- x111.27 — EXISTING ELEVATION
- 110.50 — PROPOSED ELEVATION
- 111.00 / 110.50 — PROPOSED PAVEMENT/TOP OF CURB ELEVATION
- PROPOSED DIRECTION OF SURFACE WATER RUNOFF
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- PROPOSED HEAVY DUTY ASPHALT
- CROSSWALK PAVERS
- BRICK PAVERS
- CONCRETE
- HEAVY DUTY CONCRETE
- PERVIOUS PAVERS

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
3	PER FHA COMMENTS	11/5/2015	BAL

Kimley»Horn
© 2015 KIMLEY-HORN AND ASSOCIATES, INC.
3660 MAGUIRE BOULEVARD, SUITE 200, ORLANDO, FL 32803
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
JAY R. JACKSON, P.E.
FLORIDA LICENSE NUMBER 54247
DATE: ____

KHA PROJECT 149574000
DATE 01/21/2015
SCALE AS SHOWN
DESIGNED BY ___
DRAWN BY ___
CHECKED BY ___

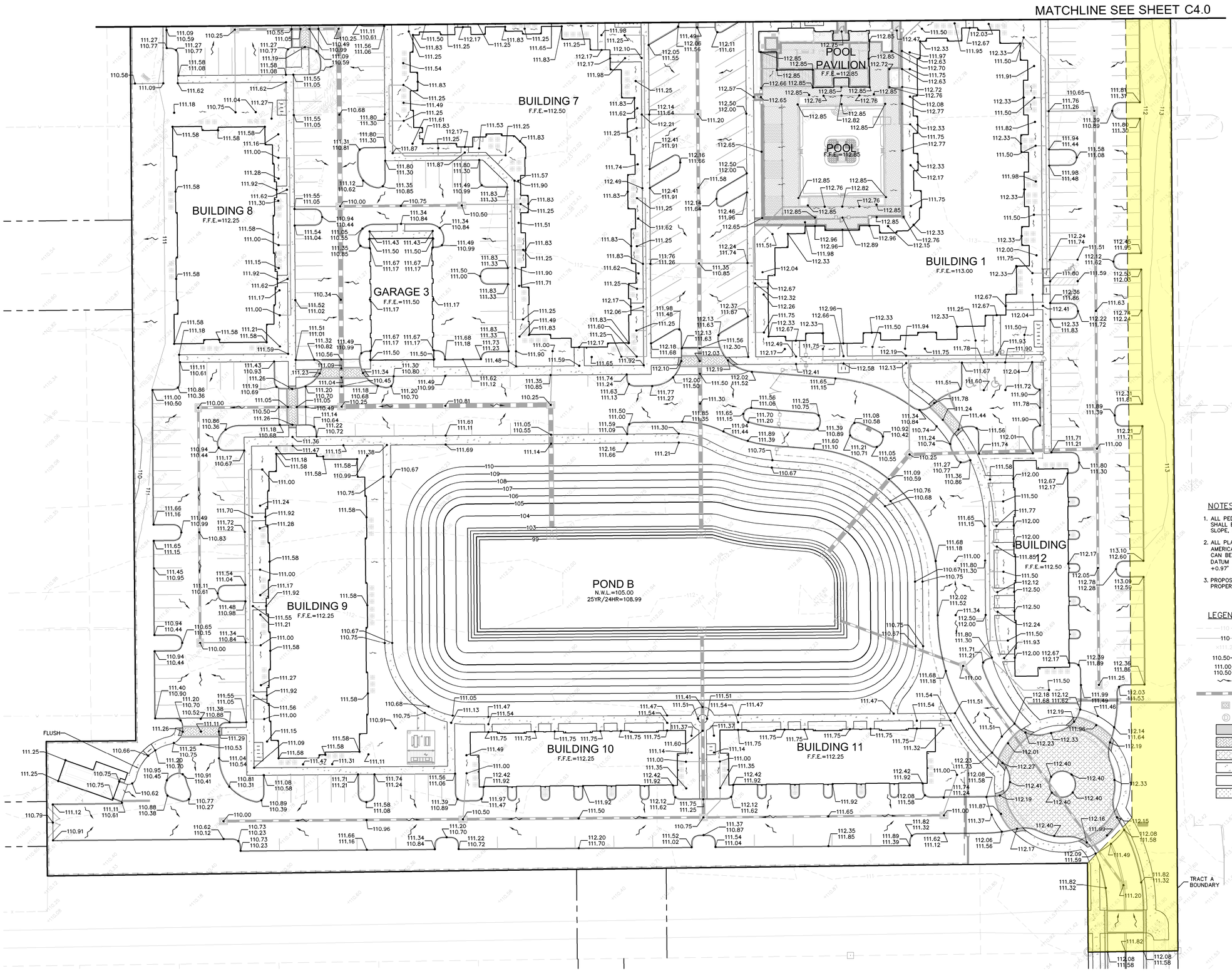
PAVING AND GRADING PLAN

ELAN AUDUBON PARK

CITY OF ORLANDO FLORIDA

SHEET NUMBER
C4.0

Plotted By:Jackson, Brent Sheet Set:AUDUBON PARK PRESENTATIONS Layout:C4.0-PRO January 04, 2016 02:40:23pm K:\ORL_Civil\149574000 Audubon Park-Grayson\CADD\CONST\Plansheets\C4.0-C4.1-PRO.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



NOTES

1. ALL PEDESTRIAN SIDEWALKS, PATHWAYS, AND CROSSWALKS SHALL BE CONSTRUCTED NOT TO EXCEED MAX. 2.0% CROSS SLOPE, MAX. 5% RUNNING SLOPE.
2. ALL PLAN ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ELEVATIONS CAN BE CONVERTED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29) USING A CONVERSION FACTOR OF +0.97' (NAVD+0.97'=NGVD)
3. PROPOSED GRADES TO MATCH EXISTING ELEVATIONS AT PROPERTY LINE.

LEGEND

- 110 — EXISTING CONTOUR
- 110 — PROPOSED CONTOUR
- 110.27 — EXISTING ELEVATION
- 110.50 — PROPOSED ELEVATION
- 111.00 / 110.50 — PROPOSED PAVEMENT/TOP OF CURB ELEVATION
- PROPOSED DIRECTION OF SURFACE WATER RUNOFF
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- PROPOSED HEAVY DUTY ASPHALT
- CROSSWALK PAVERS
- BRICK PAVERS
- CONCRETE
- HEAVY DUTY CONCRETE
- PERVIOUS PAVERS

CALL 48 HOURS BEFORE YOU DIG

IT'S THE LAW! DIAL 811

811 Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2015 KIMLEY-HORN AND ASSOCIATES, INC.

3660 MAGUIRE BOULEVARD, SUITE 200, ORLANDO, FL 32803
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL

JAY R. JACKSON, P.E.

FLORIDA LICENSE NUMBER 54247

DATE: ____

KHA PROJECT 149574000

DATE 01/21/2015

SCALE AS SHOWN

DESIGNED BY ___

DRAWN BY ___

CHECKED BY ___

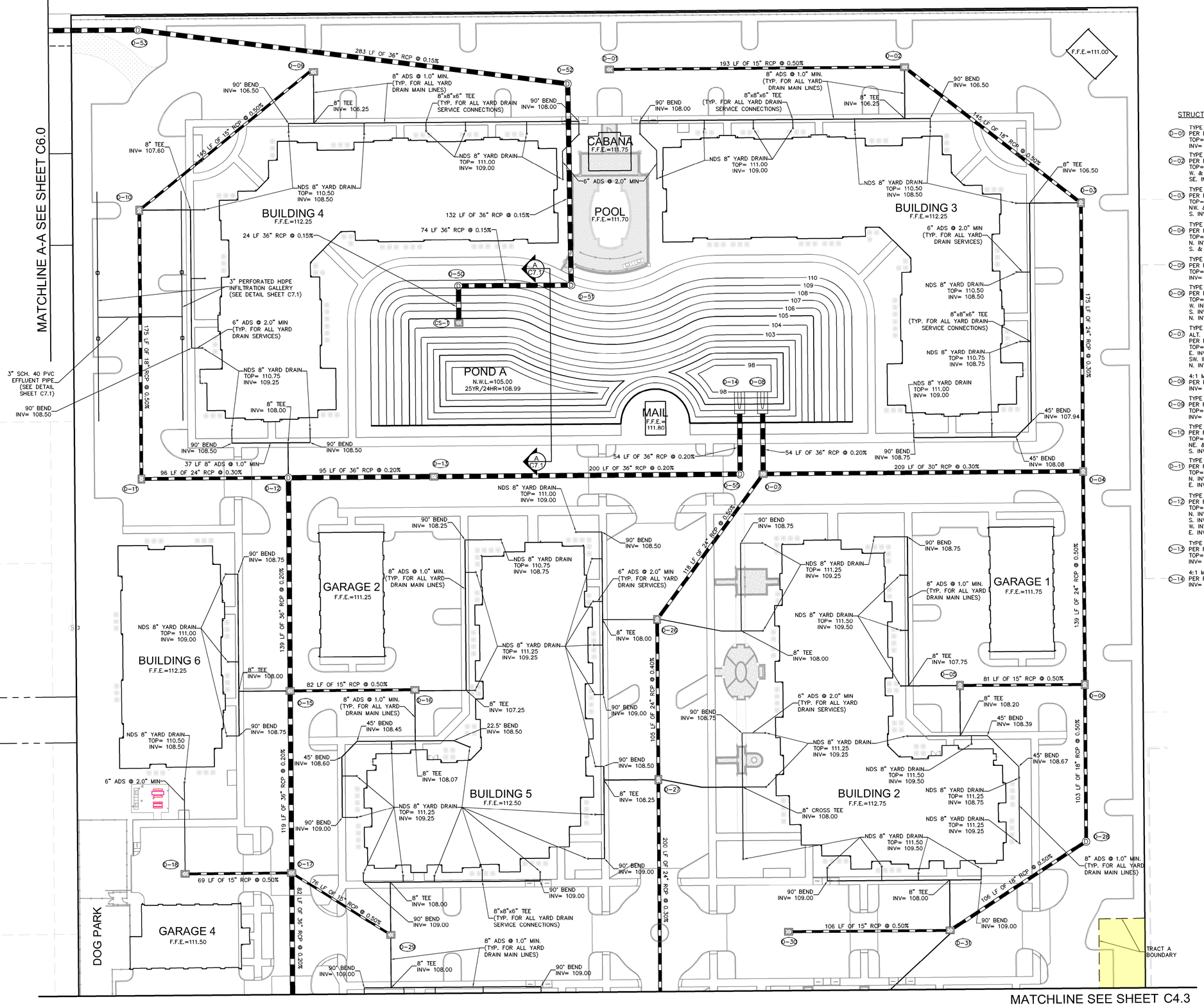
PAVING AND GRADING PLAN

ELAN AUDUBON PARK

CITY OF ORLANDO FLORIDA

SHEET NUMBER C4.1

Plotted By:Lopez, Brent Sheet Set:AUDUBON PARK (REF-STAR) Layout:C4.1-PGD January 04, 2016 02:33:33pm P:\ORL CIVIL\149574000-Audubon Park-Greystar\CADD\CONST\Plans\Sheets\C4.0-C4.1-PGD.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



STRUCTURE TABLE

D-01	TYPE "C" INLET PER FDOT INDEX # 232 TOP= 110.50 INV= 106.25
D-02	TYPE "D" INLET PER FDOT INDEX # 232 TOP= 109.75 W. & S. INV= 105.29 SE. INV= 105.05
D-03	TYPE "D" INLET PER FDOT INDEX # 232 TOP= 109.75 NW. & W. INV= 104.32 S. INV= 103.83
D-04	TYPE "D" INLET PER FDOT INDEX # 232 TOP= 109.75 N. INV= 103.31 S. & W. INV= 101.75
D-05	TYPE "C" INLET PER FDOT INDEX # 232 TOP= 110.75 INV= 104.50
D-06	TYPE "D" INLET PER FDOT INDEX # 232 TOP= 110.35 W. INV= 104.09 S. INV= 103.69 N. INV= 102.44
D-07	TYPE "C" INLET W/ ALT. "A" BOTTOM PER FDOT INDEX # 232 TOP= 110.25 E. INV= 101.12 SW. INV=100.84 N. INV= 98.11
D-08	4:1 MITERED END SECTION PER FDOT INDEX # 272 INV= 98.00
D-09	TYPE "C" INLET PER FDOT INDEX # 232 TOP= 109.75 INV= 105.75
D-10	TYPE "D" INLET PER FDOT INDEX # 232 TOP= 109.75 NE. & E. INV= 105.02 S. INV= 104.79
D-11	TYPE "D" INLET PER FDOT INDEX # 232 TOP= 109.75 N. INV= 103.91 E. INV= 103.41
D-12	TYPE "J-7T" MANHOLE PER FDOT INDEX # 200, 201 TOP= 110.50 N. INV=106.50 S. INV= 102.66 W. INV= 103.12 E. INV= 101.50
D-13	TYPE "D" INLET PER FDOT INDEX # 232 TOP= 109.75 INV= 101.31
D-14	4:1 MITERED END SECTION PER FDOT INDEX # 272 INV= 98.00
D-15	TYPE "D" INLET PER FDOT INDEX # 232 TOP= 110.10 E. INV= 105.84 N. & S. INV= 102.94
D-16	TYPE "C" INLET PER FDOT INDEX # 232 TOP= 110.25 INV= 106.25
D-17	TYPE "D" INLET W/ ALT. "A" BOTTOM PER FDOT INDEX # 232 TOP= 110.25 W. INV= 103.90 SE. INV= 105.62 N. & S. INV= 103.18
D-18	TYPE "C" INLET PER FDOT INDEX # 232 TOP= 110.25 INV= 105.08
D-26	TYPE "D" INLET PER FDOT INDEX # 232 TOP= 110.25 E. & W. INV= 106.50 S. INV= 102.73 NE. INV= 101.43
D-27	TYPE "D" INLET PER FDOT INDEX # 232 TOP= 110.25 E. & W. INV= 106.50 N. & S. INV= 103.25
D-28	TYPE "P-7T" MANHOLE PER FDOT INDEX # 200, 201 TOP= 111.08 INV= 104.20
D-29	TYPE "C" INLET PER FDOT INDEX # 232 TOP= 110.00 INV= 106.00
D-30	TYPE "C" INLET PER FDOT INDEX # 232 TOP= 111.15 INV= 106.75
D-31	TYPE "D" INLET PER FDOT INDEX # 232 TOP= 110.75 N. & S. INV= 107.00 W. INV= 106.22 NE. INV= 104.73
CS-1	CONTROL STRUCTURE SEE DETAIL SHEET C7.1
D-50	TYPE "J-7T" MANHOLE PER FDOT INDEX # 200, 201 TOP= 109.25 INV= 102.46
D-51	TYPE "J-7T" MANHOLE PER FDOT INDEX # 200, 201 TOP= 110.68 INV= 102.35
D-52	TYPE "J-7T" MANHOLE PER FDOT INDEX # 200, 201 TOP= 110.83 INV= 102.16
D-53	TYPE "J-7T" MANHOLE PER FDOT INDEX # 200, 201 TOP= 109.31 E. INV= 101.73 W. INV= 98.67
D-55	TYPE "J-7T" MANHOLE PER FDOT INDEX # 200, 201 TOP= 109.31 W. INV= 100.91 N. INV= 98.11

NOTES

1. ALL YARD DRAIN MAIN LINES ARE TO BE 8" ADS AT 1.0% MINIMUM SLOPE. ALL SERVICE LINES TO YARD DRAINS ARE TO BE 6" ADS AT 2.0% MINIMUM SLOPE.
2. BUILDING ROOF DOWNSPOUTS THAT ARE NOT PROVIDED STORMWATER COLLECTION PIPING ARE TO SHEET FLOW AT THE GROUND LEVEL INTO THE PROVIDED YARD DRAINS.

LEGEND

- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- PROPOSED MITERED END SECTION

CALL 48 HOURS BEFORE YOU DIG

IT'S THE LAW! DIAL 811

811 Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2015 KIMLEY-HORN AND ASSOCIATES, INC.

3660 MAGUIRE BOULEVARD, SUITE 200, ORLANDO, FL 32803
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL

JAY R. JACKSON, P.E.

FLORIDA LICENSE NUMBER 54247

DATE: ____

KHA PROJECT 149574000

DATE 01/21/2015

SCALE AS SHOWN

DESIGNED BY ___

DRAWN BY ___

CHECKED BY ___

DRAINAGE PLAN

ELAN AUDUBON PARK

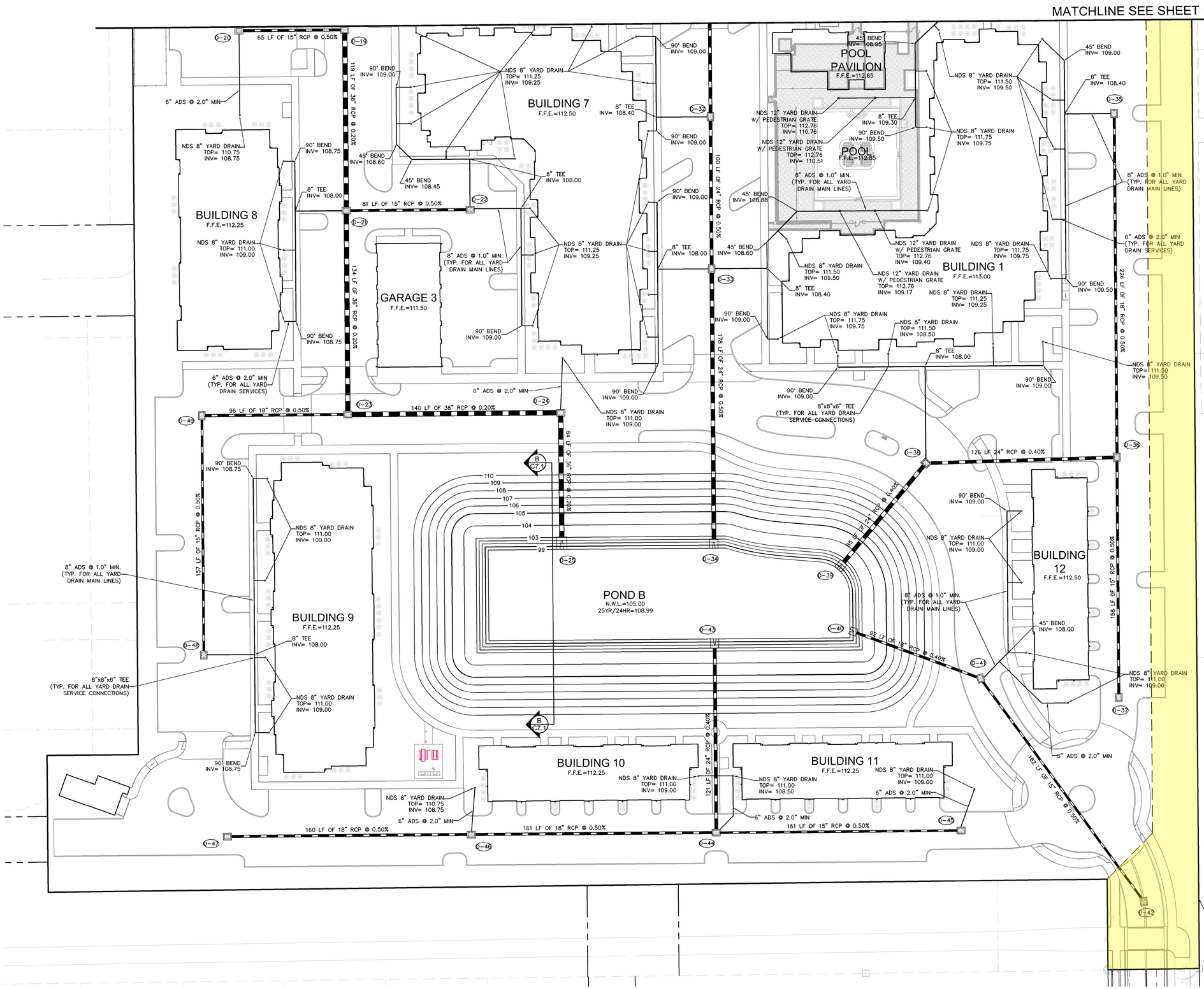
FLORIDA

CITY OF ORLANDO

SHEET NUMBER

C4.2

Plotted By:Jackson, Brent Sheet Set:AUDUBON PARK Style:KHA FULL BORDER & TITLE BLOCK Layout:C4.2-DRAIN January 04, 2016 02:33:02pm J:\OR_Civil\149574000-Audubon Park\Develop\CADD\CONST\Plan Sheets\C4.2-C4.3-DRAIN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



STRUCTURE TABLE

D-19 TYPE "D" INLET
PER FDOT INDEX # 232
TOP= 110.25
W. INV= 103.90
N. & S. INV= 103.02

D-20 TYPE "C" INLET
PER FDOT INDEX # 232
TOP= 110.25
INV= 104.25

D-21 TYPE "D" INLET
PER FDOT INDEX # 232
TOP= 110.00
W. INV= 106.00
E. INV= 104.59
N. & S. INV= 102.78

D-22 TYPE "C" INLET
PER FDOT INDEX # 232
TOP= 110.50
INV= 105.00

D-23 TYPE "C" INLET W/ ALT. "A" BOTTOM
PER FDOT INDEX # 232
TOP= 110.25
W. INV= 104.73
N. & E. INV= 102.52

D-24 TYPE "C" INLET W/ ALT. "A" BOTTOM
PER FDOT INDEX # 232
TOP= 110.25
N. INV= 106.00
W. INV= 102.24
S. INV= 99.17

D-25 2:1 MITERED END SECTION
PER FDOT INDEX # 272
INV= 99.00

D-32 TYPE "D" INLET
PER FDOT INDEX # 232
TOP= 111.20
W. INV= 107.00
N. & S. INV= 102.65

D-33 TYPE "D" INLET
PER FDOT INDEX # 232
TOP= 110.85
E. & W. INV.= 106.50
N. INV= 102.15
S. INV= 99.89

D-34 2:1 MITERED END SECTION
PER FDOT INDEX # 272
INV= 99.00

D-35 TYPE "C" INLET
PER FDOT INDEX # 232
TOP= 110.65
INV= 105.15

D-36 TYPE "D" INLET
PER FDOT INDEX # 232
TOP= 111.00
N. INV= 104.02
S. INV= 106.46
W. INV= 102.15

D-37 TYPE "C" INLET
PER FDOT INDEX # 232
TOP= 111.25
INV= 107.25

D-38 TYPE "D" INLET
PER FDOT INDEX # 232
TOP= 110.50
N. INV= 106.00.
E. INV= 101.65
SW. INV= 99.34

D-39 2:1 MITERED END SECTION
PER FDOT INDEX # 272
INV= 99.00

D-40 2:1 MITERED END SECTION
PER FDOT INDEX # 272
INV= 99.00

D-41 TYPE "C" INLET
PER FDOT INDEX # 232
TOP= 111.00
E. INV= 107.00
SE. INV= 105.09
NW. INV= 99.37

D-42 TYPE "C" INLET
PER FDOT INDEX # 232
TOP= 111.20
INV= 106.00

D-43 2:1 MITERED END SECTION
PER FDOT INDEX # 272
INV= 99.00

D-44 TYPE "D" INLET
PER FDOT INDEX # 232
TOP= 110.75
NE. INV.= 107.00
W. INV= 102.39
E. INV= 105.44
N. INV= 99.49

D-45 TYPE "C" INLET
PER FDOT INDEX # 232
TOP= 111.00
INV= 106.25

D-46 TYPE "C" INLET
PER FDOT INDEX # 232
TOP= 110.50
N. INV= 106.00
E. & W. INV= 103.20

D-47 TYPE "C" INLET
PER FDOT INDEX # 232
TOP= 110.00
INV= 104.00

D-48 TYPE "C" INLET
PER FDOT INDEX # 232
TOP= 110.00
INV= 106.00

D-49 TYPE "C" INLET
PER FDOT INDEX # 232
TOP= 110.00
INV= 105.21

NOTES

1. ALL YARD DRAIN MAIN LINES ARE TO BE 8" ADS AT 1.0% MINIMUM SLOPE. ALL SERVICE LINES TO YARD DRAINS ARE TO BE 6" ADS AT 2.0% MINIMUM SLOPE.
2. BUILDING ROOF DOWNSPOUTS THAT ARE NOT PROVIDED STORMWATER COLLECTION PIPING ARE TO SHEET FLOW AT THE GROUND LEVEL INTO THE PROVIDED YARD DRAINS.

LEGEND

- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- PROPOSED MITERED END SECTION

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2015 KIMLEY-HORN AND ASSOCIATES, INC.
3660 MAGUIRE BOULEVARD, SUITE 200, ORLANDO, FL 32803
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
JAY R. JACKSON, P.E.
FLORIDA LICENSE NUMBER 54247
DATE: ____

KHA PROJECT 149574000
DATE 01/21/2015
SCALE AS SHOWN
DESIGNED BY ___
DRAWN BY ___
CHECKED BY ___

DRAINAGE PLAN

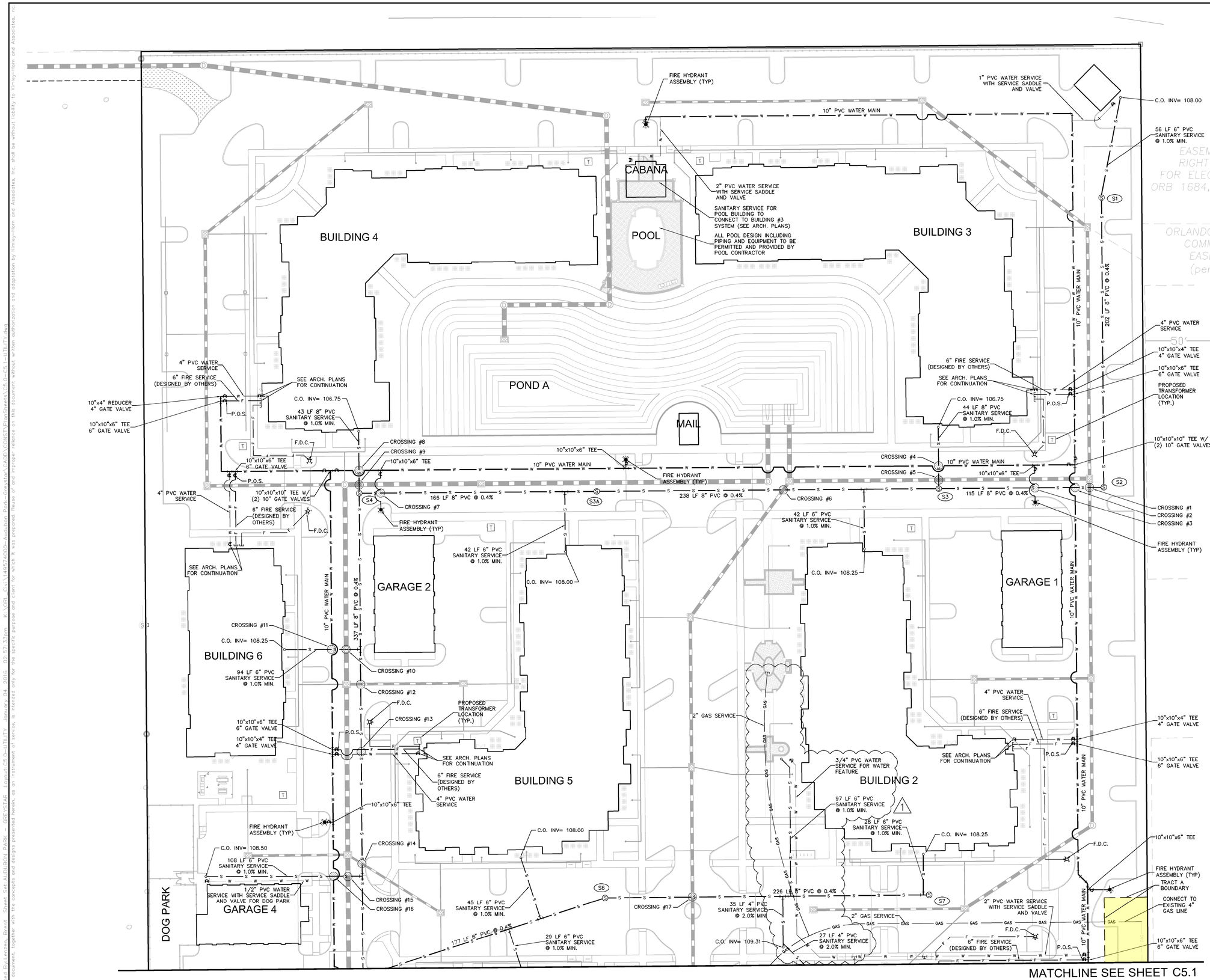
ELAN AUDUBON PARK

FLORIDA

CITY OF ORLANDO

SHEET NUMBER
C4.3

Rolled Backgroun Bound: Sheet Set:AUDUBON PARK ; PROPSTAR Layout:C4.3-DRAIN January 04, 2016 02:54 Plot: C:\OR\Civil\149574000-Audubon Park-Greystar\CADD\CONST\PlanSheets\C4.2-C4.3-DRAIN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



SANITARY STRUCTURE TABLE

S1	SANITARY MANHOLE TOP= 110.16 N INV= 106.20 S INV= 106.06
S2	SANITARY MANHOLE TOP= 110.05 N INV= 105.25 W INV= 105.15
S3	SANITARY MANHOLE TOP= 111.04 E INV= 104.69 N INV= 105.59 W INV= 104.59
S3A	SANITARY MANHOLE TOP= 110.54 E INV= 103.64 W INV= 103.54
S4	SANITARY MANHOLE TOP= 110.57 N INV= 106.32 (DROP) E INV= 102.88 S INV= 102.78
S5	SANITARY MANHOLE TOP= 110.54 N INV= 101.43 E INV= 105.45 (DROP) S INV= 101.33
S6	SANITARY MANHOLE TOP= 111.32 E INV= 106.26 W INV= 106.16
S7	SANITARY MANHOLE TOP= 111.37 W INV= 107.16

LEGEND

- EXISTING WATER MAIN
- EXISTING FORCE MAIN
- EXISTING GAS MAIN
- EXISTING STORM PIPE
- EXISTING MITERED END SECTION
- EXISTING STORM INLET
- EXISTING FIRE HYDRANT
- PROPOSED WATER LINE
- PROPOSED FIRE LINE
- PROPOSED FIRE HYDRANT
- PROPOSED F.D.C.
- PROPOSED SANITARY LINE
- PROPOSED FORCE MAIN
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- PROPOSED MITERED END SECTION
- PROPOSED TRANSFORMER
- PROPOSED GAS LINE

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	PER CITY AND OWNER COMMENTS	3/11/2015	BAL

Kimley»Horn
© 2015 KIMLEY-HORN AND ASSOCIATES, INC.
3660 MAGUIRE BOULEVARD, SUITE 200, ORLANDO, FL 32803
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
JAY R. JACKSON, P.E.
FLORIDA LICENSE NUMBER 54247
DATE: ____

KHA PROJECT 149574000
DATE 01/21/2015
SCALE AS SHOWN
DESIGNED BY ____
DRAWN BY ____
CHECKED BY ____

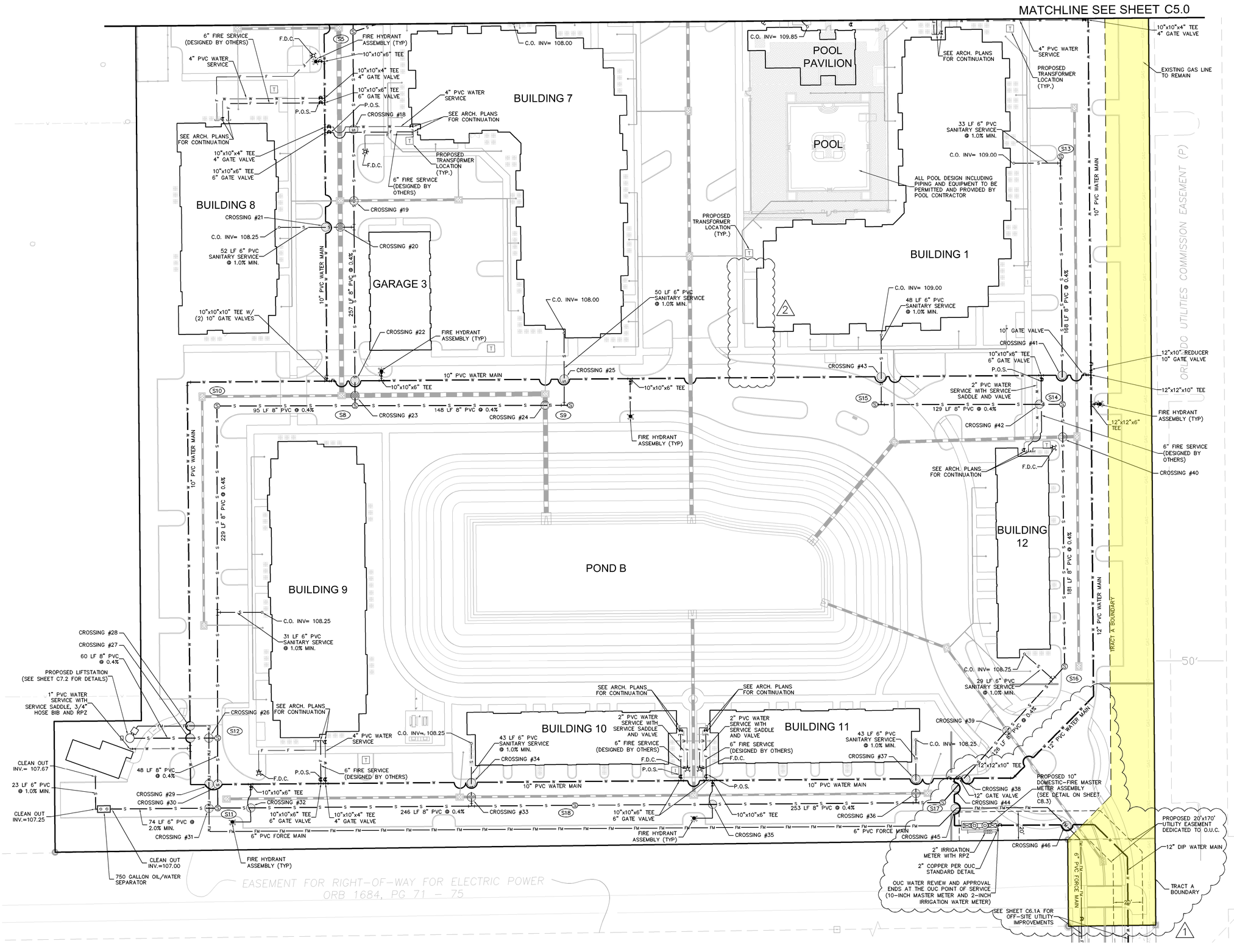
UTILITY PLAN

ELAN AUDUBON PARK

CITY OF ORLANDO FLORIDA

SHEET NUMBER
C5.0

Rolled Backgroun Brand Sheet Set-AUDUBON PARK ARCHSTAB Layout:C5.0-UTILITY January 04, 2016 02:37:32pm K:\ORL-CIV\149574000-Audubon Parks-Grapelyn\CADD\CONST-PlanSheets\C5.0-UTILITY.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

SANITARY STRUCTURE TABLE

S8	SANITARY MANHOLE TOP= 110.43 N INV= 100.30 E INV= 105.91 (DROP) W INV= 100.20
S9	SANITARY MANHOLE TOP= 110.55 W INV= 106.50
S10	SANITARY MANHOLE TOP= 110.16 E INV= 99.82 S INV= 99.72
S11	SANITARY MANHOLE TOP= 110.11 W INV= 104.85 (DROP) E INV= 101.02 N INV= 100.92
S12	SANITARY MANHOLE TOP= 110.51 S INV= 100.73 N INV= 98.80 W INV= 98.70
S13	SANITARY MANHOLE TOP= 111.07 S INV= 106.37
S14	SANITARY MANHOLE TOP= 111.22 N INV= 105.69 W INV= 105.69 S INV= 105.59
S15	SANITARY MANHOLE TOP= 110.67 E INV= 106.21
S16	SANITARY MANHOLE TOP= 111.45 N INV= 104.87 SW INV= 103.72
S17	SANITARY MANHOLE TOP= 111.18 NE INV= 103.22 W INV= 103.12
S18	SANITARY MANHOLE TOP= 111.55 E INV= 102.10 W INV= 102.00

LEGEND

- EXISTING WATER MAIN
- EXISTING FORCE MAIN
- EXISTING GAS MAIN
- EXISTING STORM PIPE
- EXISTING MITERED END SECTION
- EXISTING STORM INLET
- EXISTING FIRE HYDRANT
- PROPOSED WATER LINE
- PROPOSED FIRE LINE
- PROPOSED FIRE HYDRANT
- PROPOSED F.D.C.
- PROPOSED SANITARY LINE
- PROPOSED FORCE MAIN
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- PROPOSED MITERED END SECTION
- PROPOSED TRANSFORMER
- PROPOSED GAS LINE

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
1	PER CITY AND OWNER COMMENTS	3/11/2015	BAL
2	PER BLDG#1 FIRE SERVICE UPDATE	8/14/2015	BAL

Kimley»Horn
© 2015 KIMLEY-HORN AND ASSOCIATES, INC.
3660 MAGUIRE BOULEVARD, SUITE 200, ORLANDO, FL 32803
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
JAY R. JACKSON, P.E.
FLORIDA LICENSE NUMBER 54247
DATE: ____

KHA PROJECT 149574000
DATE 01/21/2015
SCALE AS SHOWN
DESIGNED BY ___
DRAWN BY ___
CHECKED BY ___

UTILITY PLAN

ELAN AUDUBON PARK

FLORIDA
CITY OF ORLANDO

SHEET NUMBER
C5.1

Plotted By:Jensen Brent Saint AUDUBON PARK GRESTAE Layout:C5.1-UTILITY January 04, 2016 02:58:49pm K:\ORL-Civil\149574000-Audubon Park-Grestar\CADD\CONST\Plan Sheets\C5.0-C5.1-UTILITY.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.