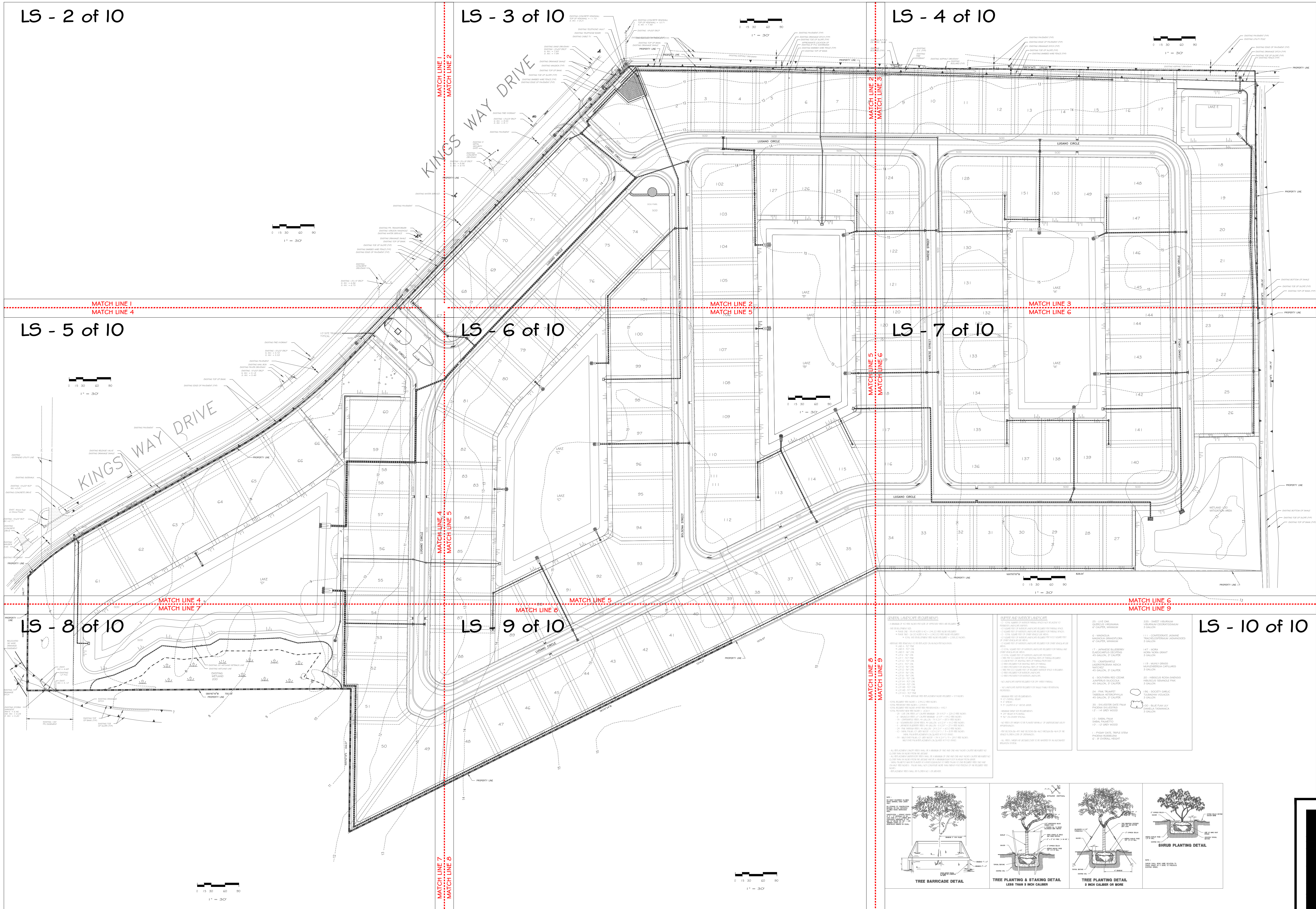
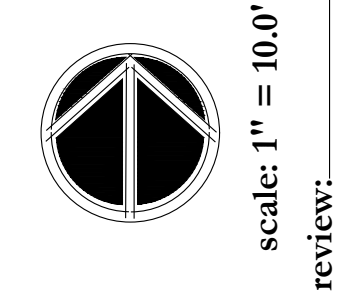


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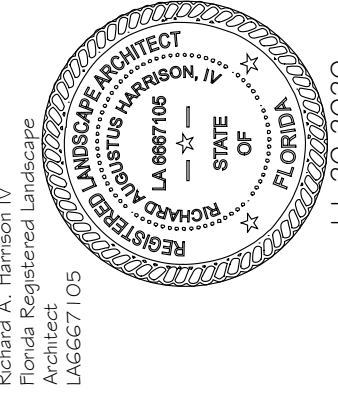


sheet number
LS-1
of **10**



design: r. harrison
drawn: tm
date: 05.28.2020
revised: 10.8.2020
11.20.2020
job#: 089619

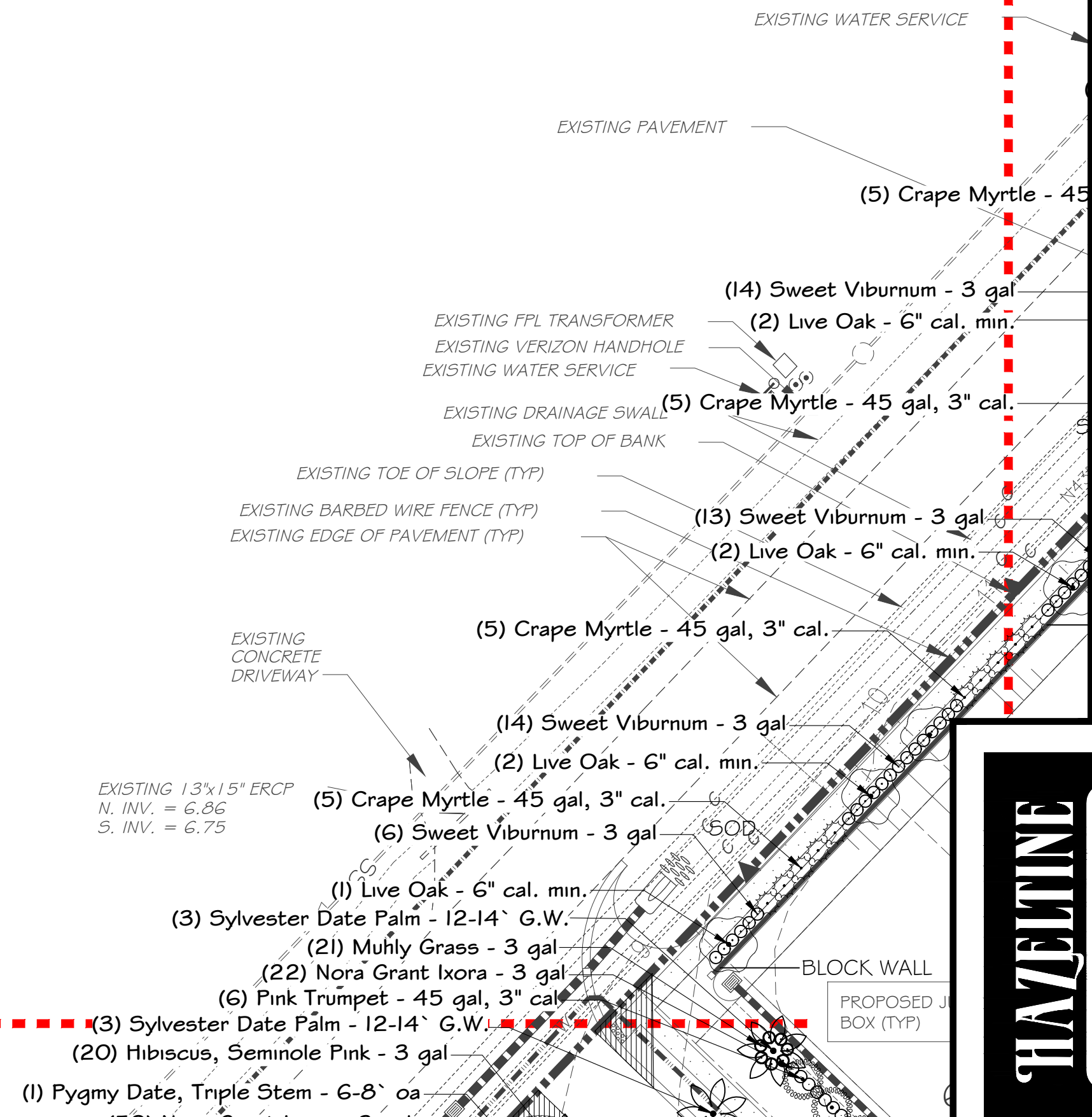
Site information taken from
boundary and location
survey provided by:
P.E.L.R.
10225 Ulmerton Rd. Suite 4D
727-486-5307



A Proposed Landscape Plan for:
CASSATA LAKES
1200 kings way dr.
nokomis florida 34275

2401 North River Road
Venice, Florida 34292
P.O. Box 236
Venice, Florida 34284-0236
phone 941.485.1272
fax 941.488.6236
www.hazelnurseries.com
info@hazelnurseries.com





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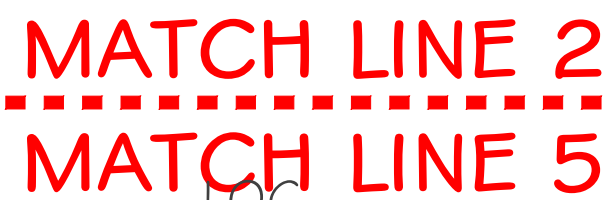
design:	r. harrison
drawn:	rh
date:	05.28.2020
revised:	10.8.2020
	11.20.2020
job#:	089049

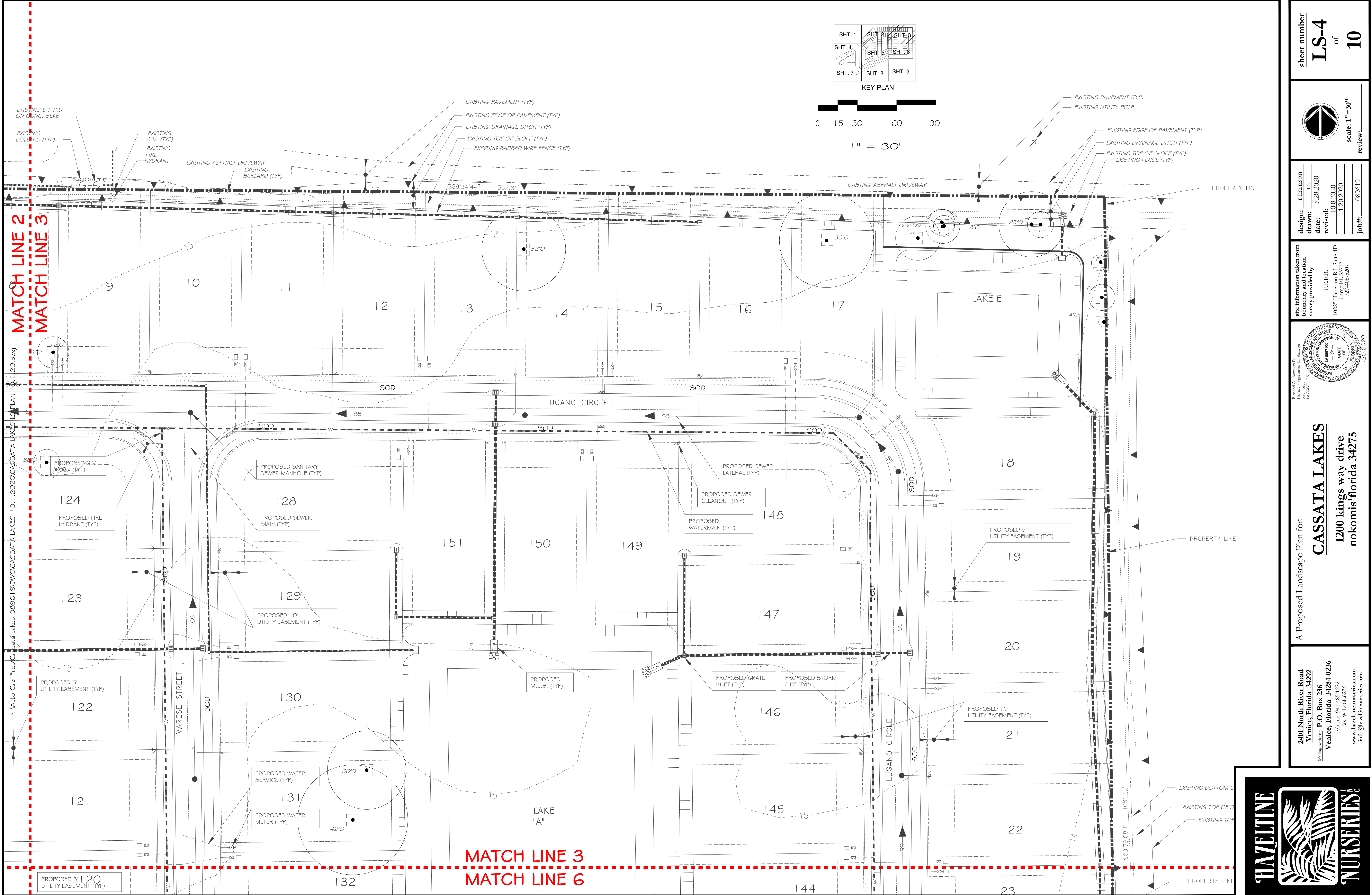
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727-408-5207



ENI Auto Cad Files\Cassata Lakes 080619\DWG\CASSATA LAKES LS PLAN 10.1.20.dwg

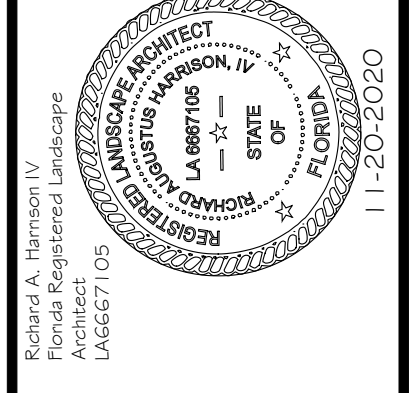




sheet number
LS-4
of
10

design: r harrison
drawn: rh
date: 5.28.2020
revised: 10.8.2020
11.20.2020
job#: 089619
scale: 1"=30'
review:

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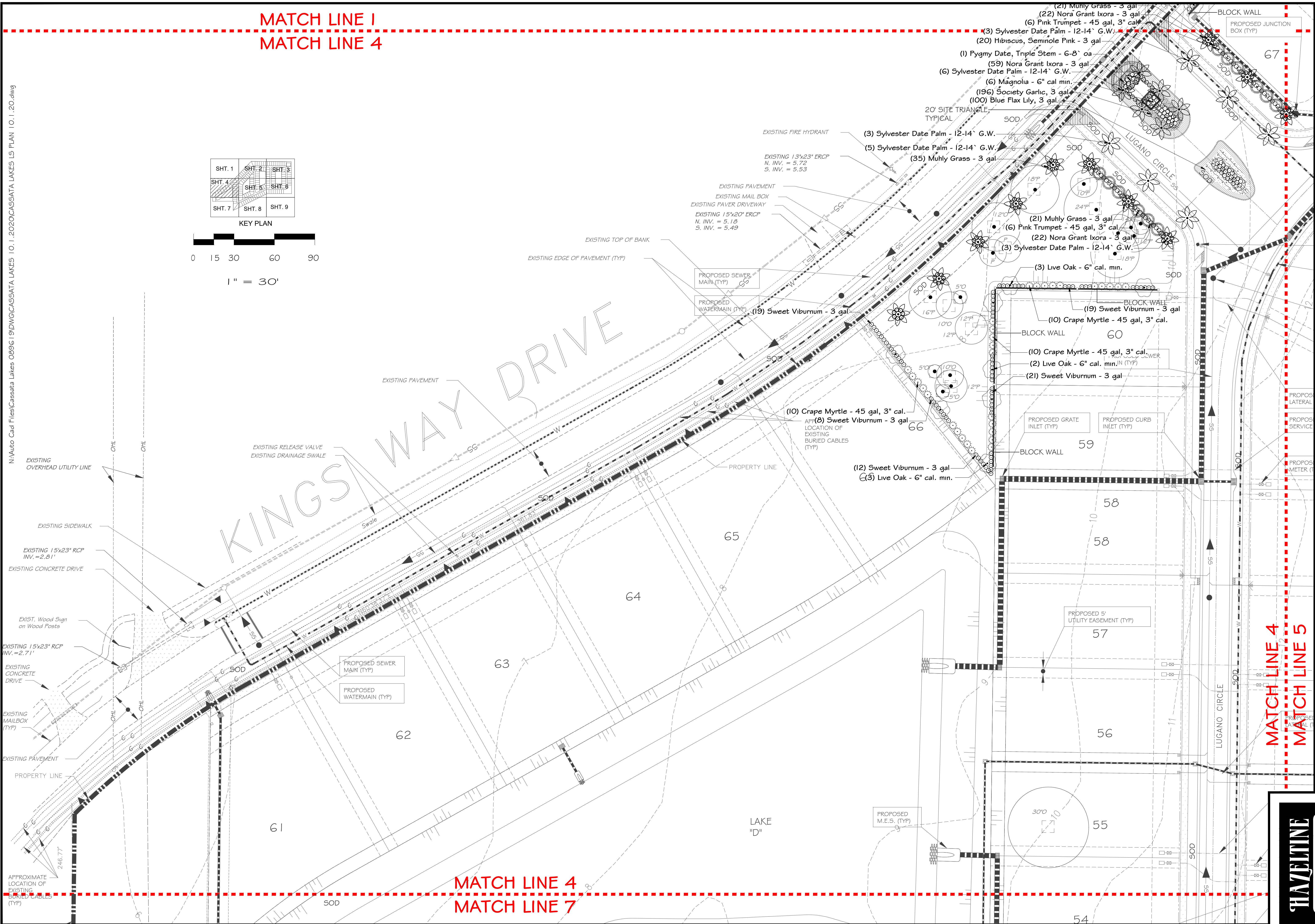
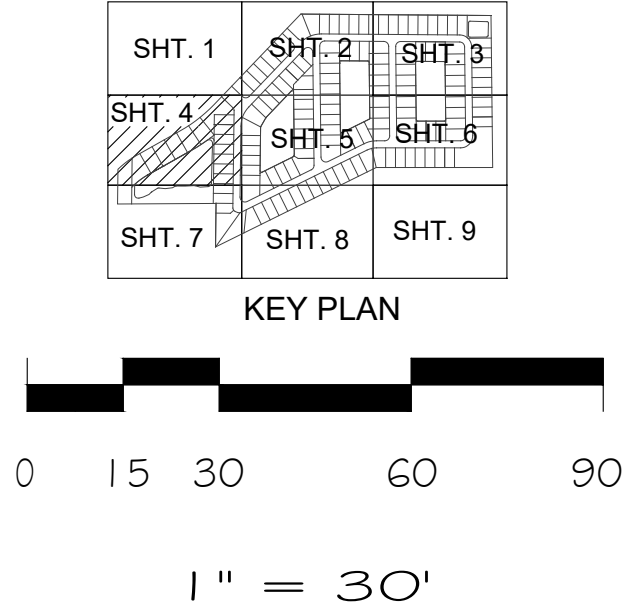
A Proposed Landscape Plan for:
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MATCH LINE 1
MATCH LINE 4



sheet number
LS-5
of
10

design: r harrison
drawn: rh
date: 5.28.2020
revised: 10.8.2020
job#: 089619

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review:

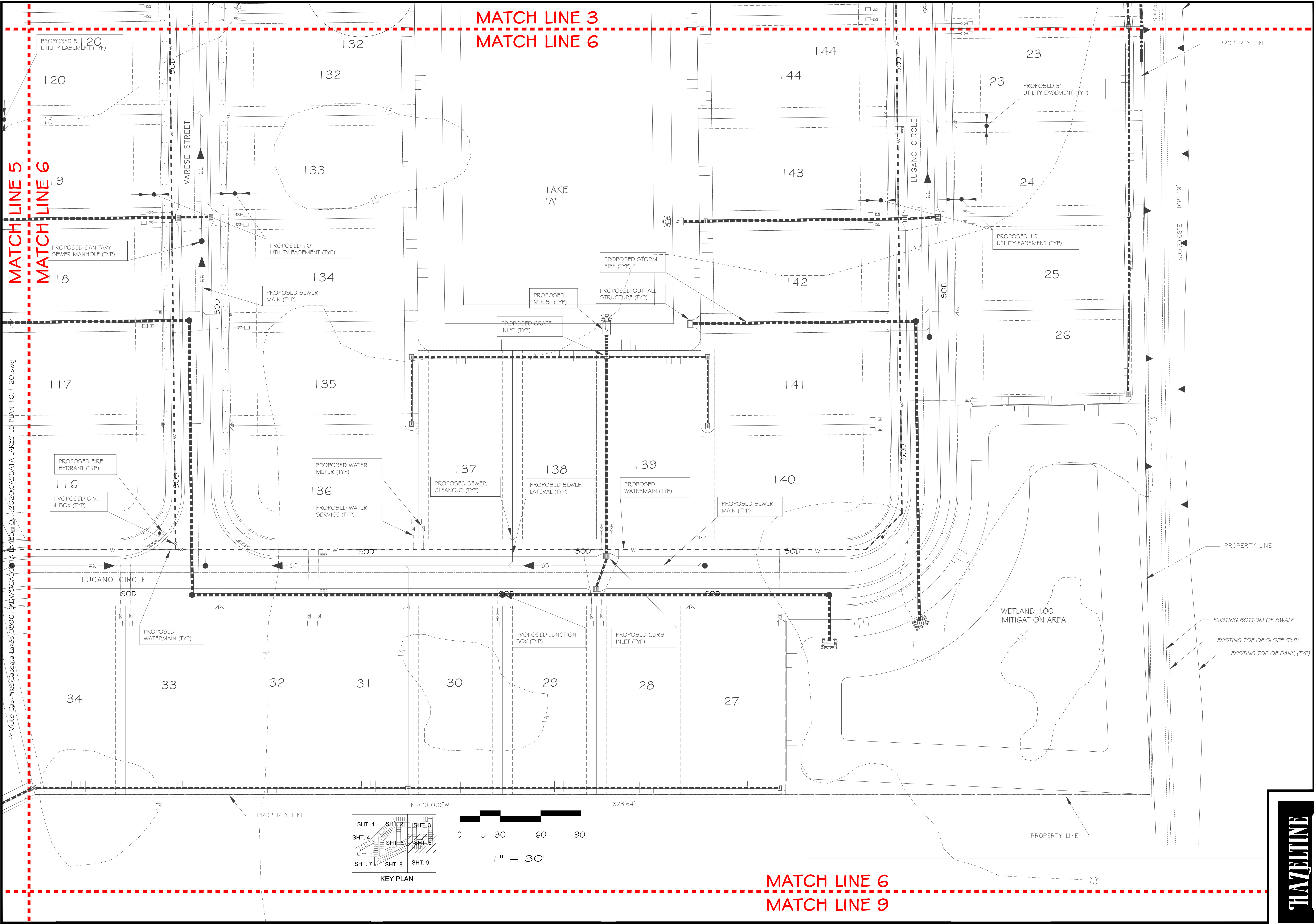
site information taken from
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Richard A. Harrison IV
Florida Registered Landscape
Architect
LA666705

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HAZELTINE
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sheet number
LS-7
of
10

scale: 1"=30"
review:

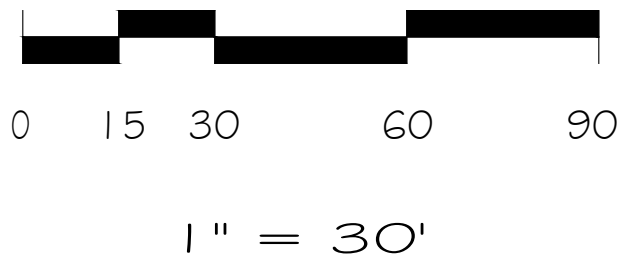
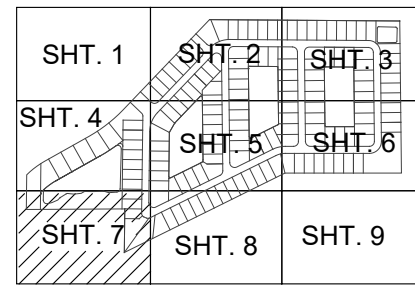
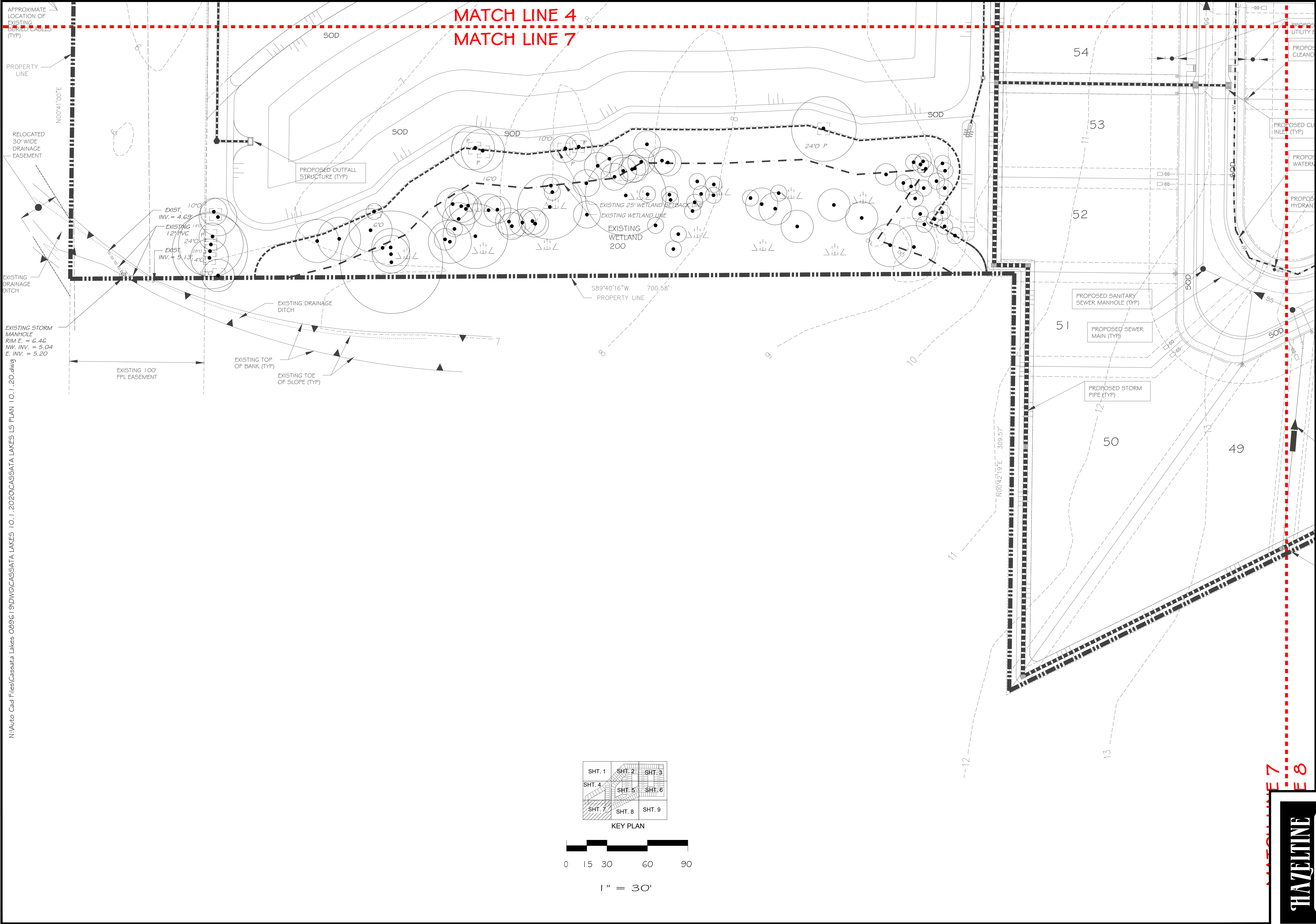
design: r harrison
drawn: rh
date: 5.28.2020
revised: 10.8.2020
11.20.2020
job#: 089619

Site information taken from
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survey provided by:
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Richard A. Harrison IV
Florida Registered Landscape Architect
License No. LA6567
05/11/20-05/11/2020

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of
10

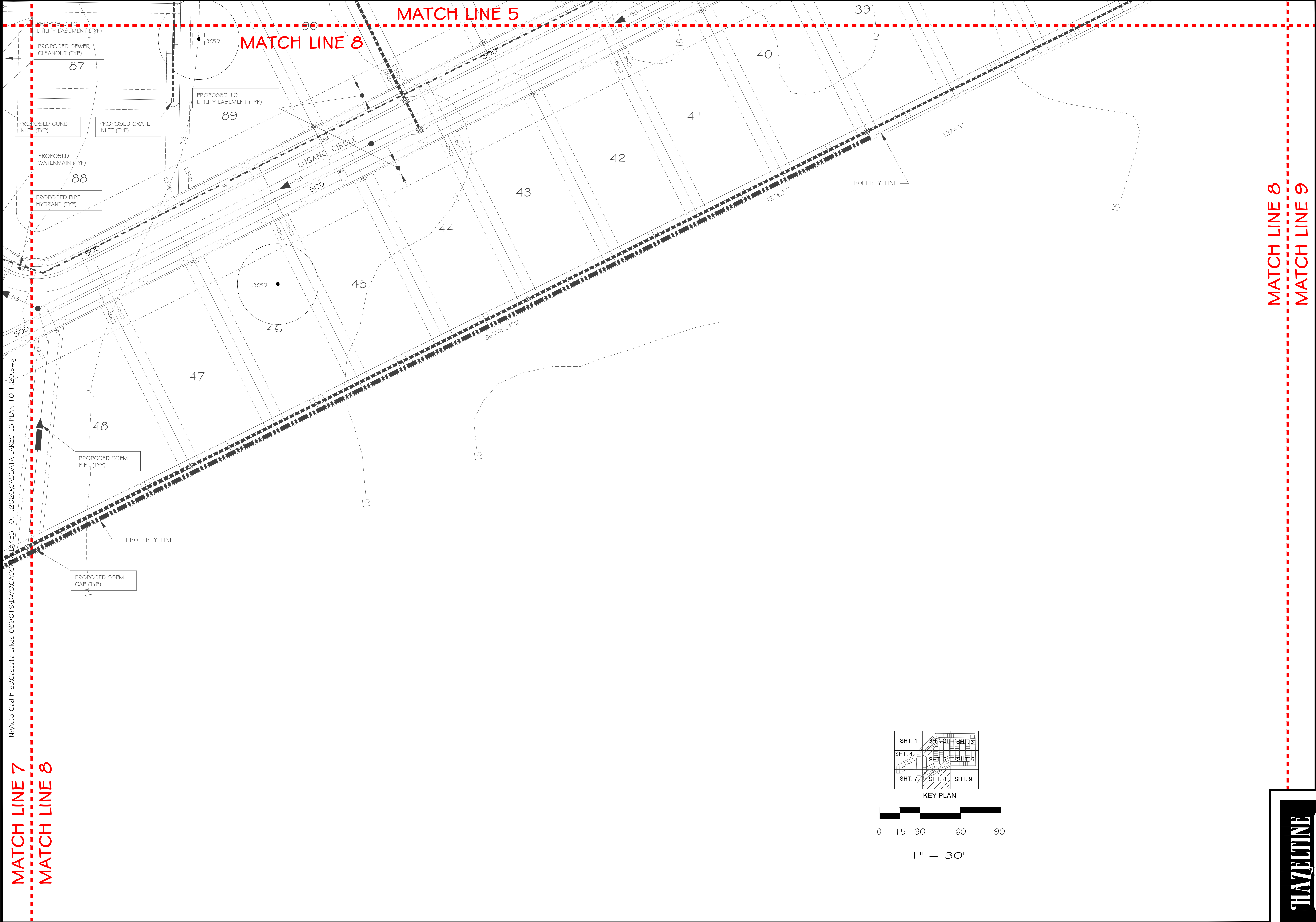
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design: r harrison
drawn: th
date: 5.28.2020
revised: 10.8.2020
job#: 089619

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boundary survey
survey provided by:
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Tampa, FL 33617
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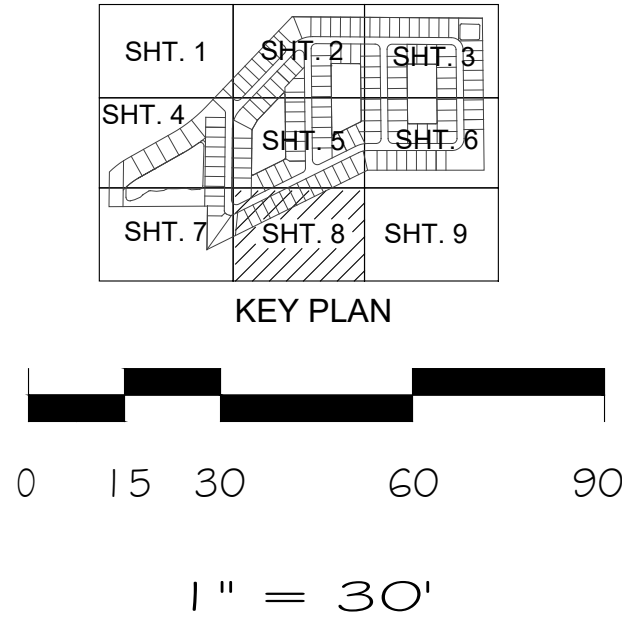
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MATCH LINE 7
MATCH LINE 8

MATCH LINE 8
MATCH LINE 9



sheet number
LS-9
of
10

scale: 1"=30'
review:

design: r harrison
drawn: rh
date: 5.28.2020
revised: 10.8.2020
job#: 089619

11-20-2020

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boundary and location
survey provided by:
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10225 Ulmerton Rd. Suite 4D
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727-408-5207

Richard A. Harrison IV
Florida Registered Landscape
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LA65671-01

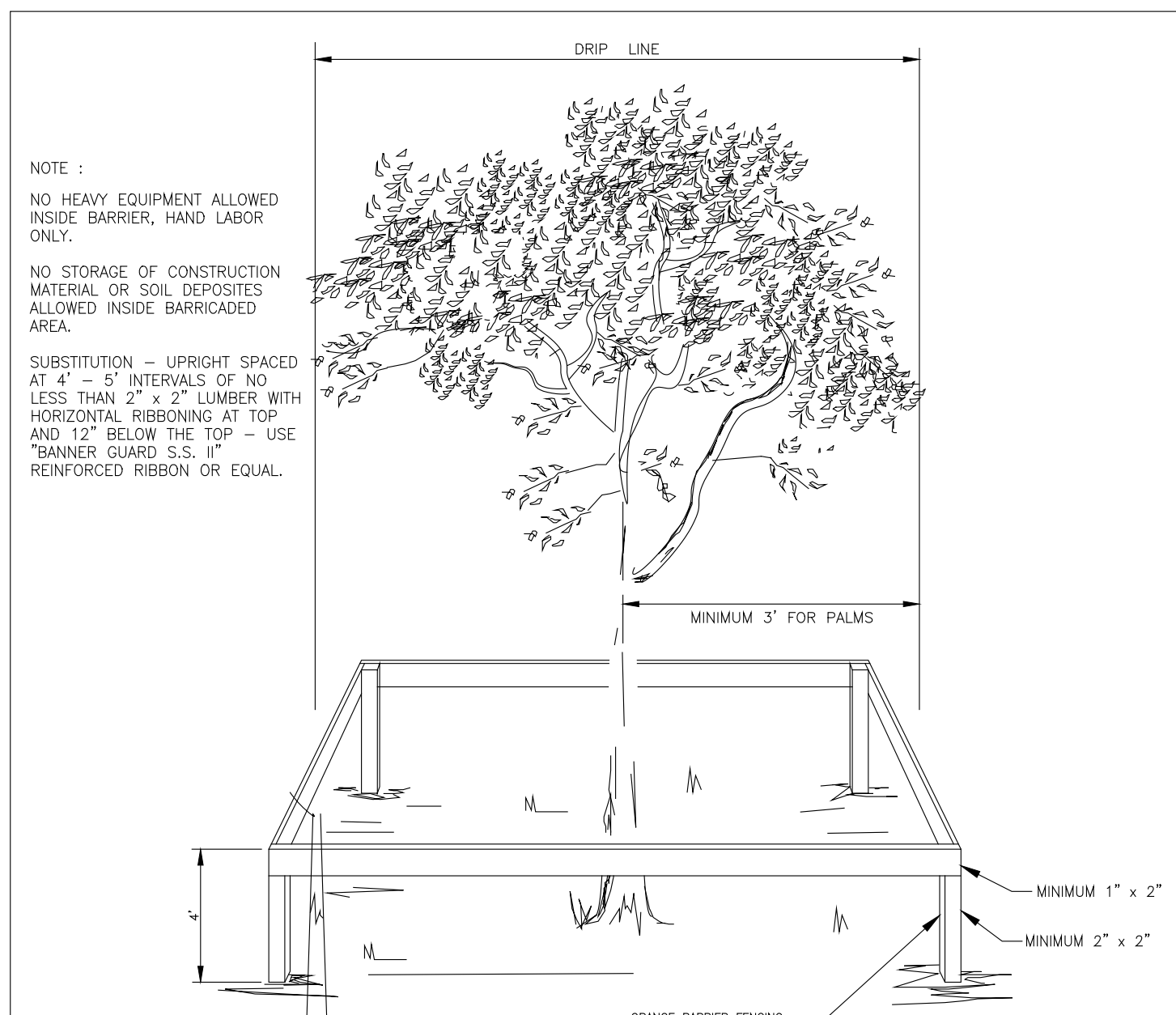
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- A MINIMUM OF 40 TREE INCHES PER ACRE OF APPROVED TREES ARE REQUIRED. 4
- SITE DEVELOPMENT SIZE:
 - * PHASE ONE - 33.53 ACRES X 40 = 1,341.20 TREE INCHES REQUIRED.
 - * PHASE TWO - 26.00 ACRES X 40 = 1,040.00 TREE INCHES REQUIRED.
 - * TOTAL SITE DEVELOPMENT TREE INCHES REQUIRED = 2,381.20 INCHES.
- HERITAGE TREE REMOVALS TO BE REPLACED ON AN INCH PER INCH BASIS.
 - * LAKE A - 32" PINE
 - * LAKE B - 30" OAK
 - * LAKE D - 46" OAK
 - * LOT 6 - 36" OAK
 - * LOT 7 - 30" PINE
 - * LOT 10 - 32" OAK
 - * LOT 11 - 30" OAK
 - * LOT 12 - 36" OAK
 - * LOT 12 - 36" OAK
 - * LOT 13 - 36" OAK
 - * LOT 16 - 36" OAK
 - * LOT 25 - 32" OAK
 - * LOT 54 - 30" OAK
 - * LOT 144 - 32" OAK
 - * LOT 148 - 30" OAK
 - * LOT 148 - 37" PINE
 - * LOT 150 - 30" PINE
 - * TOTAL HERITAGE TREE REPLACEMENT INCHES REQUIRED = 571 INCHES.

- TOTAL REQUIRED TREE INCHES = 2,992.2 TREE INCHES.
 - TOTAL PRESERVED TREE INCHES = 2,359.5
 - TOTAL REQUIRED TREE INCHES AFTER TREE PRESERVATION = 592.7
 - TOTAL PROVIDED NEW TREE INCHES = 601.5
 - 25 - LIVE OAK TREES, 6" CALIPER MINIMUM - 25 X 9.0" = 225.0 TREE INCHES.
 - 6 - MAGNOLIA TREES, 6" CALIPER MINIMUM - 6 X 9" = 54.0 TREE INCHES.
 - 73 - CRAWFORDIA TREES, 45 GALLON - 73 X 2.5" = 182.5 TREE INCHES.
 - 6 - SOUTHERN RED CEDAR TREES, 45 GALLON - 6 X 2.5" = 15.0 TREE INCHES.
 - 11 - JAPANESE BLUEBERRY TREES, 45 GALLON - 11 X 2.5" = 27.5 TREE INCHES.
 - 24 - PINK TABERNAE TREES, 45 GALLON - 24 X 2.5" = 60.0 TREE INCHES.
 - 10 - SABAL PALMS, 10' GREY WOOD - (10 X 2.5") / 3 = 8.33 TREE INCHES.
- SABAL PALM REPLACEMENTS CALCULATED AT 3 TO 1 RATIO.
- 35 - WILD DATE PALMS, 10' GREY WOOD - (35 X 2.5") / 3 = 29.17 TREE INCHES.
- WILD DATE PALM REPLACEMENTS CALCULATED AT 3 TO 1 RATIO.

- ALL REPLACEMENT CANOPY TREES SHALL BE A MINIMUM OF TWO AND ONE-HALF INCHES CALIPER MEASURED NO CLOSER THAN SIX INCHES FROM THE GROUND.
- ALL REPLACEMENT UNDERSTORY TREES SHALL BE A MINIMUM OF ONE AND ONE-HALF INCHES CALIPER MEASURED NO CLOSER THAN SIX INCHES FROM THE GROUND AND BE A MINIMUM EIGHT FOOT IN HEIGHT FROM GRADE.
- SAPAL PALM(TO BE PLANTED AT A RATE EQUIVALENT TO THREE PALMS TO ONE REQUIRED TREE) TWO AND ONE-HALF TREE INCHES) . PALMS SHALL NOT CONSTITUTE MORE THAN TWENTY-FIVE PERCENT OF THE REQUIRED TREE INCHES.
- REPLACEMENT TREES SHALL BE FLORIDA NO. 1 OR GREATER.



TREE BARRICADE DETAIL

- 0 - TOTAL NUMBER OF INTERIOR PARKING SPACES NOT ADJACENT TO PERIMETER LANDSCAPE BUFFERS.
- 10 SQUARE FEET OF INTERIOR LANDSCAPE REQUIRED PER PARKING SPACE.
- 0 SQUARE FEET OF INTERIOR LANDSCAPE REQUIRED FOR PARKING SPACES.
- 0 - TOTAL SQUARE FEET OF OTHER VEHICLE USE AREAS.
- 10 SQUARE FEET OF INTERIOR LANDSCAPE REQUIRED PER 500 SQUARE FEET OF OTHER VEHICLE USE AREAS.
- 0 SQUARE FEET OF INTERIOR LANDSCAPE REQUIRED FOR OTHER VEHICULAR USE AREAS.
- 0 TOTAL SQUARE FEET OF INTERIOR LANDSCAPE REQUIRED FOR PARKING AND OTHER VEHICULAR USE AREAS.
- 0 TOTAL SQUARE FEET OF INTERIOR LANDSCAPE PROVIDED.
- 1 TREE PER 50 LINEAR FEET OF ADJUTING TIERS OF PARKING REQUIRED.
- 0 LINEAR FEET OF ADJUTING TIERS OF PARKING PROPOSED.
- 0 TREES REQUIRED FOR ADJUTING TIERS OF PARKING.
- 0 TREES PROVIDED FOR ADJUTING TIERS OF PARKING.
- 1 TREE PER 100 SQUARE FEET OF REQUIRED INTERIOR SPACE IS REQUIRED.
- 0 TREES PROVIDED FOR INTERIOR LANDSCAPE.
- 0 TREES PROVIDED FOR INTERIOR LANDSCAPE.

- NO LANDSCAPE BUFFER REQUIRED FOR OFF STREET PARKING.
- NO LANDSCAPE BUFFER REQUIRED FOR SINGLE FAMILY RESIDENTIAL PROPERTIES.

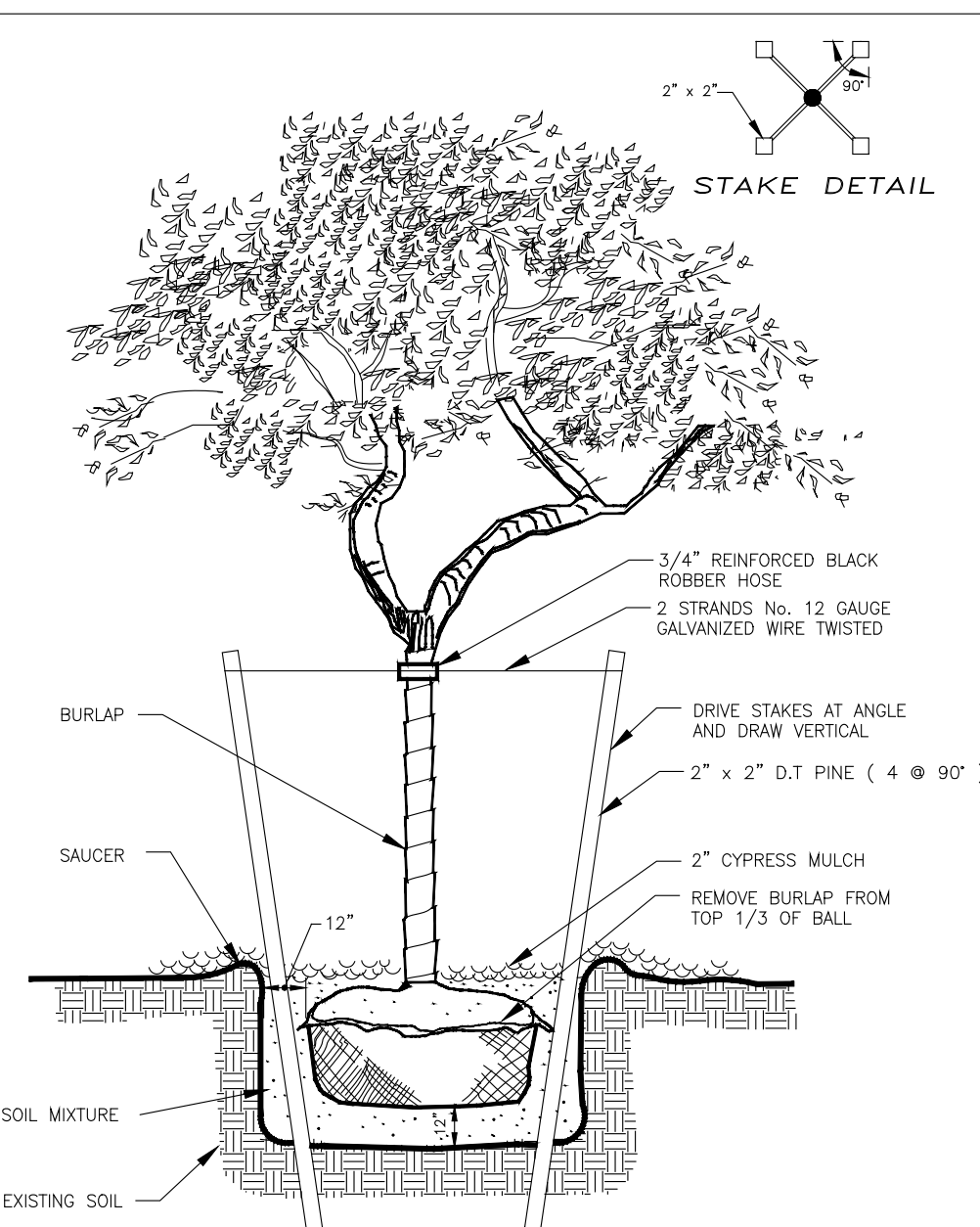
- MINIMUM TREE SIZE REQUIREMENTS:
- * 10' OVERALL HEIGHT.
- * 4' SPREAD.
- * 3" CALIPER AT 6" ABOVE GRADE.

- MINIMUM SHRUB SIZE REQUIREMENTS:
- * 24" HEIGHT AT PLANTING.
- * 36" ON CENTER SPACING.

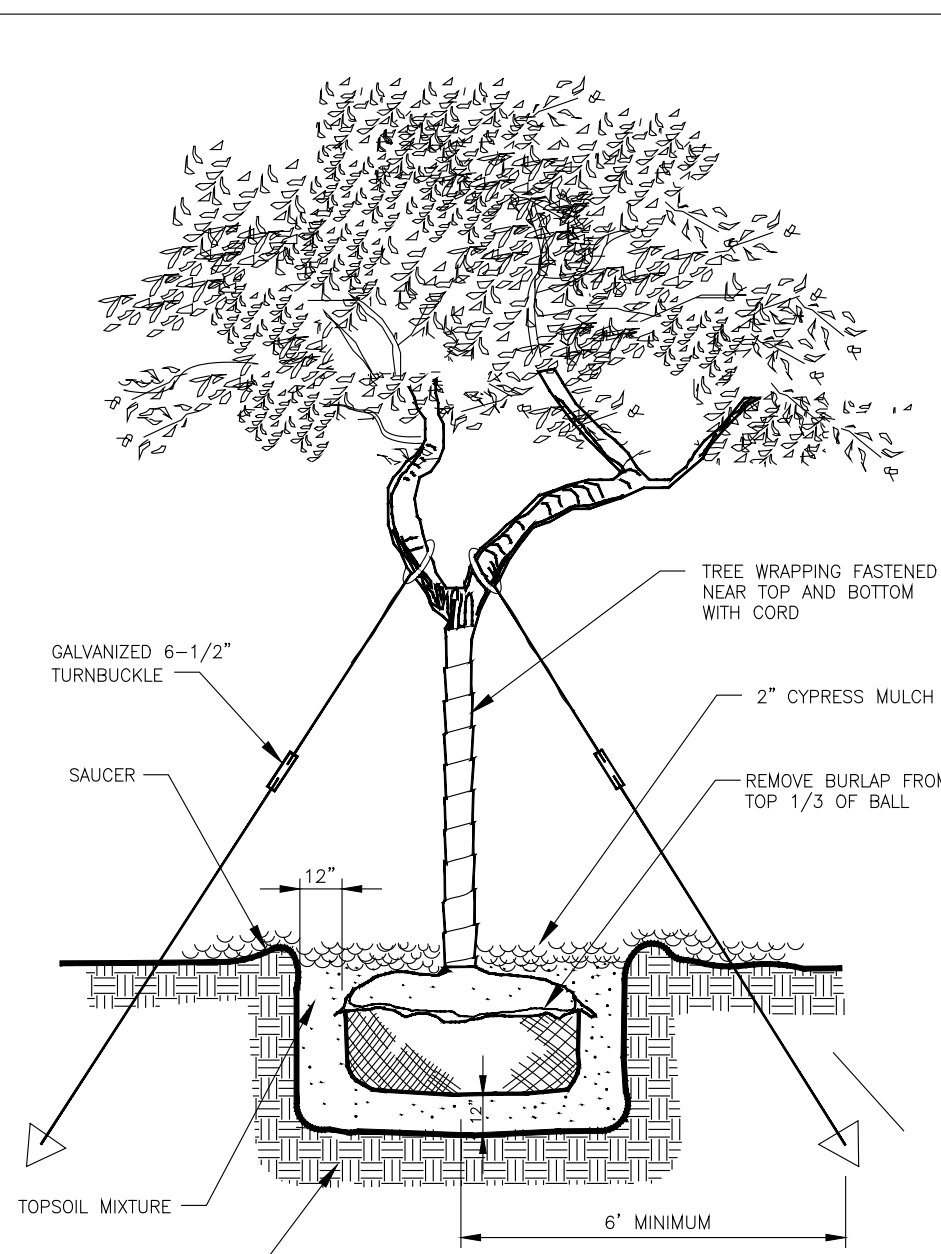
- NO TREES OR SHRUBS TO BE PLANTED WITHIN 6' OF UNDERGROUND UTILITY APPURTENANCES.

- PER SECTION 86-437 AND SECTIONS 86-460 THROUGH 86-464 OF THE VENICE FLORIDA CODE OF ORDINANCES.

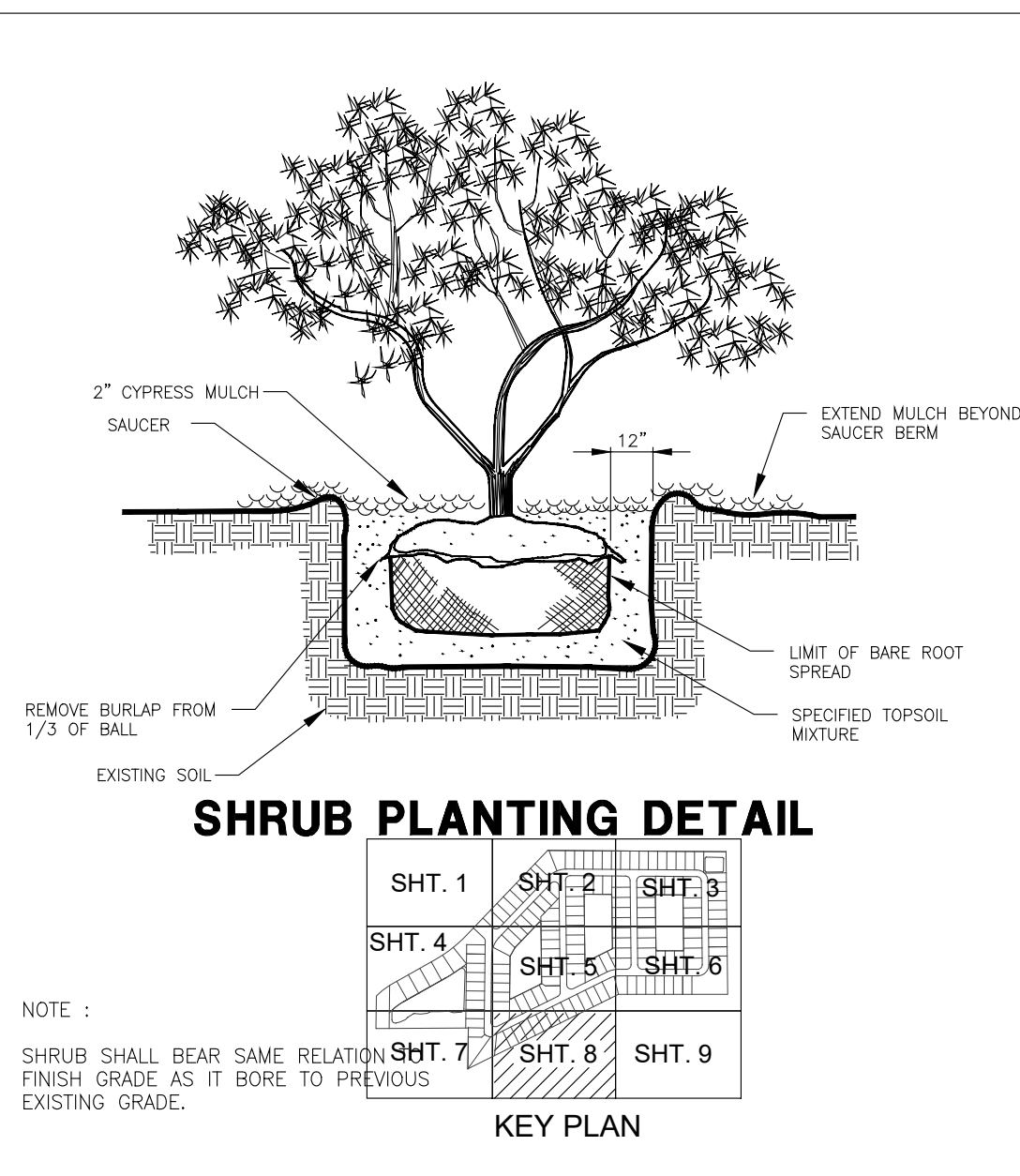
- ALL TREES, SHRUBS AND GROUND COVER TO BE WATERED BY AN AUTOMATED IRRIGATION SYSTEM.



TREE PLANTING & STAKING DETAIL
LESS THAN 3 INCH CALIBER



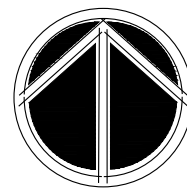
TREE PLANTING DETAIL
3 INCH CALIBER OR MORE



SHRUB PLANTING DETAIL

KEY PLAN

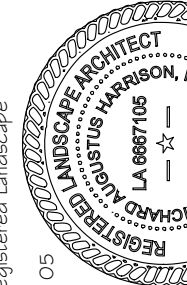
CASSATA LAKES			
TREES TO REMAIN			
LOCATION	D.B.H.	SPECIES	TREE INCHES CREDIT
LOT 2	36	OAK	X2 72
LOT 5	30	OAK	X2 60
LOT 5	16	OAK	X1.5 24
LOT 6	32	PINE	X2 64
LOT 8	32	OAK	X2 64
LOT 14	32	OAK	X2 64
LOT 17	36	OAK	X2 72
LOT 46	30	OAK	X2 60
LOT 55	30	OAK	X2 60
LOT 89	30	OAK	X2 60
LOT 124	38	OAK	X2 76
LOT 131	30	OAK	X2 60
LOT 131	42	OAK	X2 84
DOG PARK	10	PINE	X1.5 15
DOG PARK	10	PINE	X1.5 15
DOG PARK	6	PINE	X1.5 9
DOG PARK	6	PINE	X1.5 9
DOG PARK	12	PINE	X1.5 18
LAKE "E"	25	OAK	X2 50
LAKE "E"	17	OAK	X1.5 25.5
LAKE "E"	6	OAK	X1.5 9
LAKE "E"	6	OAK	X1.5 9
LAKE "E"	13	OAK	X1.5 19.5
LAKE "E"	8	OAK	X1.5 12
LAKE "E"	4	OAK	X1.5 6
MAIN ENTRY	14	PINE	X1.5 21
MAIN ENTRY	18	PINE	X1.5 27
MAIN ENTRY	14	PINE	X1.5 21
MAIN ENTRY	12	PINE	X1.5 18
MAIN ENTRY	8	PINE	X1.5 12
MAIN ENTRY	14	PINE	X1.5 21
MAIN ENTRY	16	PINE	X1.5 24
MAIN ENTRY	10	OAK	X1.5 15
MAIN ENTRY	5	OAK	X1.5 7.5
MAIN ENTRY	10	OAK	X1.5 15
MAIN ENTRY	5	OAK	X1.5 7.5
MAIN ENTRY	5	OAK	X1.5 7.5
MAIN ENTRY	5	OAK	X1.5 7.5
MAIN ENTRY	12	PINE	X1.5 18
MAIN ENTRY	12	PINE	X1.5 18
MAIN ENTRY	12	PINE	X1.5 18
MAIN ENTRY	18	PINE	X1.5 27
MAIN ENTRY	18	PINE	X1.5 27
MAIN ENTRY	10	PINE	X1.5 15
MAIN ENTRY	24	PINE	X2 48
WETLAND	14	OAK	X1.5 21
WETLAND	28	OAK	X2 56
WETLAND	14	OAK	X1.5 21
WETLAND	24	OAK	X2 48
WETLAND	12	OAK	X1.5 18
WETLAND	6	OAK	X1.5 9
WETLAND	10	PINE	X1.5 15
WETLAND	38	OAK	X2 76
WETLAND	30	OAK	X2 60
WETLAND	16	PINE	X1.5 24
WETLAND	6	OAK	X1.5 9
WETLAND	8	OAK	X1.5 12
WETLAND	5	OAK	X1.5 7.5
WETLAND	5	OAK	X1.5 7.5
WETLAND	6	OAK	X1.5 9
WETLAND	8	OAK	X1.5 12
WETLAND	8	OAK	X1.5 12
WETLAND	10	OAK	X1.5 15
WETLAND	5	OAK	X1.5 7.5
WETLAND	6	OAK	X1.5 9
WETLAND	8	OAK	X1.5 12
WETLAND	8	OAK	X1.5 12
WETLAND	12	OAK	X1.5 18
WETLAND	12	OAK	X1.5 18
WETLAND	6	OAK	X1.5 9
WETLAND	20	OAK	X1.5 30
WETLAND	10	OAK	X1.5 15
WETLAND	10	OAK	X1.5 15
WETLAND	10	OAK	X1.5 15
WETLAND	12	OAK	X1.5 18
WETLAND	10	OAK	X1.5 15
WETLAND	12	OAK	X1.5 18
WETLAND	24	OAK	X2 48
WETLAND	12	OAK	X1.5 18
WETLAND	12	OAK	X1.5 18
WETLAND	10	OAK	X1.5 15
WETLAND	24	OAK	X2 48
WETLAND	16	OAK	X1.5 24
WETLAND	8	OAK	X1.5 12
WETLAND	6	OAK	X1.5 9
WETLAND	12	OAK	X1.5 18
WETLAND	14	PINE	X1.5 21
WETLAND	6	OAK	X1.5 9
WETLAND	16	PINE	X1.5 24
WETLAND	16	OAK	X1.5 24
WETLAND	16	OAK	X1.5 24
TOTAL TREE INCHES PRESERVED			2359.5



scale: 1"=30"
review:

design:	r harrison
drawn:	rh
date:	5.28.2020
revised:	10.8.2020
	11.20.2020
job#:	089619

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