

CITY TREE PROTECTION STANDARDS

3.5.1. Tree protection standards.

- A. **Applicability.** Trees protected under this section are those with a trunk diameter of three inches DBH (diameter at breast height) or more.
- B. **Tree removal permit.** A tree removal permit or approved site plan shall be required for the removal, replacement, or alteration of trees not otherwise exempted from the provisions of this section. Alteration includes damaging, topping, root pruning, cutting, hattracking, poisoning, or grade change that can be expected to adversely affect the health of protected trees and vegetation. Ordinary maintenance such as seasonal pruning or customary care shall not require a permit.
- C. **Tree permit requirements.**
 - All tree removal permit applications shall be filed with the community development services department, whether or not a site plan or other development approval is required. Review and approval shall be according to the procedures in section 10.1.4. Tree removal and/or replacement as specified on the tree removal permit shall occur within 30 days of the issuance of a tree removal permit. The community development services director may grant a one-time 15-day extension upon a written request from the applicant that is received prior to the expiration of the permit and where demonstrable circumstances have prevented the removal or replacement of a tree during the 30-day time period.
 - The following information depicted on a tree survey shall be submitted with the application, unless otherwise waived by the community development services director:
 - Location and identification of all trees (using either common or botanical name), designating trees to be retained, altered, removed, relocated, or replaced. Groups of trees in close proximity may be designated as "clumps" or "dense tree cover" with the estimated number and type(s) of trees noted. Only those trees to be removed, relocated, or replaced must be named on the tree survey or site plan. The tree survey may show only that portion of the site directly involved or affected by the tree removal.
 - Location of all existing and proposed structures, improvements, or uses of the site.
 - Proposed changes, if any, in site elevations, grades and major contours.
 - Location of existing or proposed utilities.
 - Location of irrigation system, or drawing notes to indicate method of maintenance.
 - If any approvals have previously been provided for the site, such as a site plan, development order, variance, or plat, evidence of such approval shall be provided.
 - The applicant shall tag all trees to remain on a site in a manner sufficient to allow field verification of the tree survey and in such a manner that does not damage the tree.
 - A copy of the tree removal permit shall be posted on site during construction and tree removal activities.
- D. **Criteria for approval of tree permits.**
 - Approval for tree removal shall only be granted on a developed lot or a lot with an application for development approval where such tree or trees unreasonably restricts the otherwise allowable use of the property.
 - The tree is diseased, injured, endangers existing structures, interferes with the safe provision of utility services, or creates a hazard to visibility for motorists. The city may provide a list of arborists, foresters, landscape architects or other related professionals to ascertain the health of trees. In this case, a photo of the tree shall be provided.
 - Replacement or relocation of trees is required as described:
 - Site development plans will be required to show all removed and replaced trees. If it is not feasible to place the required number of trees on a developed site, the developer shall make a contribution equal to the number of trees that could not be placed (at three inches DBH per tree) to the off-site tree mitigation fund.
 - Replacement trees shall be a size three inches at DBH or greater. Plant materials used in conformance with the provisions of this code shall conform to the Standard for Florida No. 1 or better as given in Grades and Standards for Nursery Plants, State of Florida, Department of Agriculture and Consumer Services, Tallahassee.
 - Fees collected in lieu of replacement shall be placed in an off-site tree mitigation account. The fees shall be established by the city commission.
 - Trees removed illegally without a permit are subject to a three-to-one replacement, i.e. three inches replacement for each one inch removed. The established fee schedule would apply to this requirement if replacement is not feasible.
 - Any retained or relocated tree shall be replaced if the tree dies within one year after final approval.
 - Replacement trees shall be of a similar or greater canopy and shade potential as the tree being replaced.
 - In considering the application for tree permit and a plan for relocation or replacement of removed trees, the community development services director may allow a ten percent reduction in the otherwise required replacement trees (calculated in inches of diameter), based on the following criteria:
 - Number, species and size of other trees and vegetation on site. Number, species, size, location and canopy of existing trees.
 - Impact on storm water runoff quantity and quality.
 - Character of the site and its environs.
 - Characteristics and amount of shrubs, grass, trees, or other vegetation proposed for the site.

TREE PROTECTION DURING CONSTRUCTION ACTIVITIES

A. Protection during construction activities.

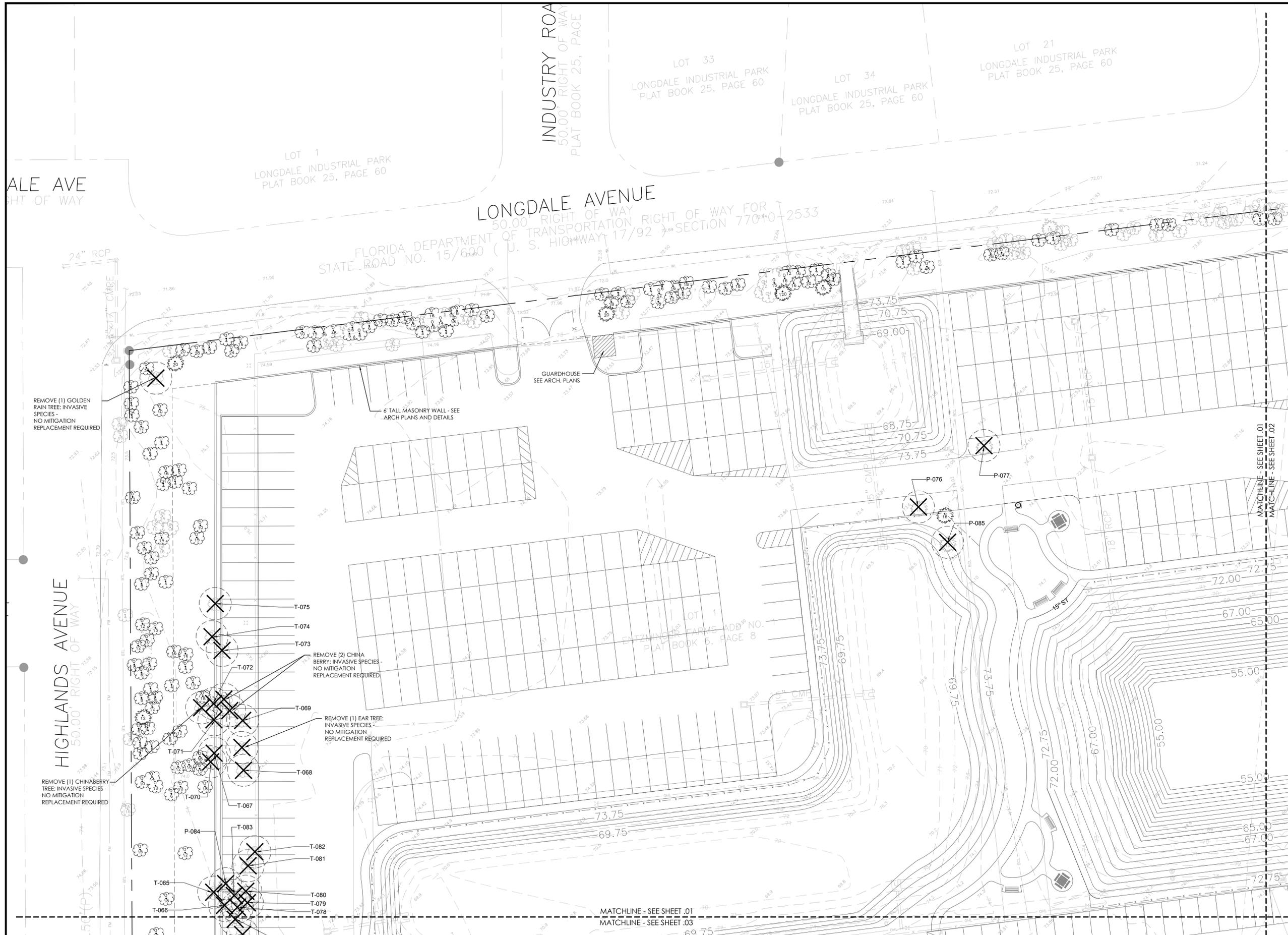
- Each retained or installed tree shall be protected during all pre-construction and construction activities. The area to be protected shall extend to the drip line of the tree, but shall be no less than a six-foot radius from the trunk of the tree. Where trees are located in clusters or groups, the outermost drip line shall be the area of protection. The location of tree protection areas shall be depicted on the required landscape plan.
- All development activities, including construction, grading, paving, compaction, trenching, installation of storm water retention ponds or the like shall be prohibited. Any existing brush and weeds to be removed inside the tree protection barrier shall be removed with hand tools only.
- Wooden barriers shall be erected around all protected trees or other vegetation during the period of construction activity.
- Barriers shall be constructed of upright posts and railings constructed of lumber at least two inches by four inches in cross-section marked by ribbon, flags, or other easily visible connecting material, and shall extend to or beyond the drip line of all protected trees on the property. Reference "Tree Protection Manual for Builders and Developers" from the Florida Department of Agricultural and Consumer Services, Division of Forestry, for additional guidance on methods of tree protection during construction.
- No excess soil or additional, building materials, or debris shall be placed within protective barriers.
- No tractors or heavy machinery shall be allowed to work, park, or locate within barrier areas.
- No attachments or wires, other than protective guy wires, shall be attached to any trees or shrubs within protective barriers.
- Installation of artificial barriers such as protective barricades, fences, posts, or walls shall not destroy or irreversibly harm the root systems of protected trees. Footers for walls shall end at the point where larger roots are encountered, and the roots shall be bridged. Postholes and trenches located close to protected trees shall be adjusted to avoid damage to major roots.
- Construction activity, including underground utilities and new impervious surfaces, shall be allowed only with the outer ten percent of an existing tree drip line radius. In no case shall construction activity occur closer than ten feet from the center of the trunk of existing trees to be preserved.

TREE REMOVAL LIST

Total Trees to be Removed			
TREE #	Common Name	Scientific Name	DBH
P-001	Cabbage Palm	Sabal palmetto	12
P-002	Cabbage Palm	Sabal palmetto	18
P-003	Cabbage Palm	Sabal palmetto	16
P-004	Cabbage Palm	Sabal palmetto	6
P-005	Cabbage Palm	Sabal palmetto	18
T-006	Cherry	Prunus spp.	8
P-007	Cabbage Palm	Sabal palmetto	15
P-008	Cabbage Palm	Sabal palmetto	15
P-009	Cabbage Palm	Sabal palmetto	18
P-010	Cabbage Palm	Sabal palmetto	18
T-011	Oak	Quercus spp.	10
P-012	Cabbage Palm	Sabal palmetto	15
P-013	Cabbage Palm	Sabal palmetto	15
P-014	Cabbage Palm	Sabal palmetto	12
P-015	Cabbage Palm	Sabal palmetto	10
P-016	Cabbage Palm	Sabal palmetto	12
P-017	Cabbage Palm	Sabal palmetto	12
P-018	Cabbage Palm	Sabal palmetto	18
P-019	Cabbage Palm	Sabal palmetto	18
P-020	Cabbage Palm	Sabal palmetto	15
P-021	Cabbage Palm	Sabal palmetto	15
P-022	Cabbage Palm	Sabal palmetto	15
P-023	Cabbage Palm	Sabal palmetto	12
P-024	Cabbage Palm	Sabal palmetto	12
P-025	Cabbage Palm	Sabal palmetto	15
T-026	Oak	Quercus spp.	20
P-027	Cabbage Palm	Sabal palmetto	12
P-028	Cabbage Palm	Sabal palmetto	15
P-029	Cabbage Palm	Sabal palmetto	12
P-030	Cabbage Palm	Sabal palmetto	15
P-031	Cabbage Palm	Sabal palmetto	15
P-032	Cabbage Palm	Sabal palmetto	15
T-033	Holly	Ilex spp.	8
P-034	Cabbage Palm	Sabal palmetto	12
P-035	Cabbage Palm	Sabal palmetto	12
P-036	Cabbage Palm	Sabal palmetto	12
P-037	Cabbage Palm	Sabal palmetto	12
P-038	Cabbage Palm	Sabal palmetto	12
P-039	Cabbage Palm	Sabal palmetto	10
P-040	Cabbage Palm	Sabal palmetto	12
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P-044	Cabbage Palm	Sabal palmetto	10
P-045	Cabbage Palm	Sabal palmetto	12
P-046	Cabbage Palm	Sabal palmetto	10
P-047	Cabbage Palm	Sabal palmetto	13
P-048	Cabbage Palm	Sabal palmetto	12
P-049	Cabbage Palm	Sabal palmetto	12
P-050	Cabbage Palm	Sabal palmetto	12
P-051	Cabbage Palm	Sabal palmetto	12
P-052	Cabbage Palm	Sabal palmetto	12
P-053	Cabbage Palm	Sabal palmetto	12
T-054	Oak	Quercus spp.	8
P-055	Cabbage Palm	Sabal palmetto	15
T-056	Oak	Quercus spp.	7
T-057	Oak	Quercus spp.	20
P-058	Cabbage Palm	Sabal palmetto	15
T-059	Oak	Quercus spp.	16
P-060	Cabbage Palm	Sabal palmetto	18
T-061	Oak	Quercus spp.	12
P-062	Cabbage Palm	Sabal palmetto	18
P-063	Cabbage Palm	Sabal palmetto	20
T-064	Oak	Quercus spp.	20
T-065	Oak	Quercus spp.	18
T-066	Oak	Quercus spp.	6
T-067	Oak	Quercus spp.	16
T-068	Oak	Quercus spp.	12
T-069	Oak	Quercus spp.	10
T-070	Oak	Quercus spp.	15
T-071	Oak	Quercus spp.	8
T-072	Oak	Quercus spp.	6
T-073	Oak	Quercus spp.	16
T-074	Oak	Quercus spp.	8
T-075	Oak	Quercus spp.	15
T-078	Oak	Quercus spp.	6
T-079	Oak	Quercus spp.	15
T-080	Oak	Quercus spp.	8
T-081	Oak	Quercus spp.	16
T-082	Oak	Quercus spp.	14
T-083	Oak	Quercus spp.	4
TOTAL DBH			318
318 / 3" Caliper Replacement Tree			106 Trees
Total Palms to be Removed			
TREE #	Common Name	Scientific Name	DBH
P-001	Cabbage Palm	Sabal palmetto	12
P-002	Cabbage Palm	Sabal palmetto	18
P-003	Cabbage Palm	Sabal palmetto	16
P-004	Cabbage Palm	Sabal palmetto	6
P-005	Cabbage Palm	Sabal palmetto	18
P-007	Cabbage Palm	Sabal palmetto	15
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P-063	Cabbage Palm	Sabal palmetto	20
P-066	Cabbage Palm	Sabal palmetto	6
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Total Palms (not total DBH)			57
58 / 3 Palms per Required Replacement Tree			20
Total Replacement Trees Required			
from Tree removal			106
from Palm removal			20
TOTAL 3" caliper Replacement Trees Required			126
Canopy Trees Preserved			197
Palms Preserved on site, 68 / 3 per Required Tree			22
TOTAL Preserved Trees			219

TREE REPLACEMENT CALCULATIONS

Total DBH of Trees to be Removed			
TREE #	Common Name	Scientific Name	DBH
T-006	Cherry	Prunus spp.	8
T-011	Oak	Quercus spp.	10
T-026	Oak	Quercus spp.	20
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P-084	Cabbage Palm	Sabal palmetto	18
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Total Palms (not total DBH)			57
58 / 3 Palms per Required Replacement Tree			20
Total Replacement Trees Required			
from Tree removal			106
from Palm removal			20
TOTAL 3" caliper Replacement Trees Required			126
Canopy Trees Preserved			197
Palms Preserved on site, 68 / 3 per Required Tree			22
TOTAL Preserved Trees			219



TREE MANAGEMENT LEGEND

Trees to be Removed (this sheet)			
TREE #	Common Name	Scientific Name	DBH
T-065	Oak	Quercus spp.	18
T-066	Oak	Quercus spp.	6
T-067	Oak	Quercus spp.	16
T-068	Oak	Quercus spp.	12
T-069	Oak	Quercus spp.	10
T-070	Oak	Quercus spp.	15
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P-084	Cabbage Palm	Sabal palmetto	18
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TREE REMOVAL LEGEND



INDUSTRY ROAD
50.00' RIGHT OF WAY
PLAT BOOK 25, PAGE 60

LOT 33
LONGDALE INDUSTRIAL PARK
PLAT BOOK 25, PAGE 60

LOT 34
LONGDALE INDUSTRIAL PARK
PLAT BOOK 25, PAGE 60

LOT 21
LONGDALE INDUSTRIAL PARK
PLAT BOOK 25, PAGE 60

LOT 1
LONGDALE INDUSTRIAL PARK
PLAT BOOK 25, PAGE 60

LONGDALE AVENUE
50.00' RIGHT OF WAY
FLORIDA DEPARTMENT OF TRANSPORTATION
STATE ROAD NO. 15/600 (U. S. HIGHWAY 17/92) SECTION 770+0 2533

GUARDHOUSE
SEE ARCH. PLANS

6' TALL MASONRY WALL - SEE
ARCH PLANS AND DETAILS

ENTZINGER FARMS ADD. NO. 1
PLAT BOOK 5, PAGE 8

MATCHLINE - SEE SHEET .01
MATCHLINE - SEE SHEET .03

REMOVE (1) GOLDEN RAIN TREE: INVASIVE SPECIES - NO MITIGATION REPLACEMENT REQUIRED

REMOVE (2) CHINA BERRY: INVASIVE SPECIES - NO MITIGATION REPLACEMENT REQUIRED

REMOVE (1) EAR TREE: INVASIVE SPECIES - NO MITIGATION REPLACEMENT REQUIRED

REMOVE (1) CHINABERRY TREE: INVASIVE SPECIES - NO MITIGATION REPLACEMENT REQUIRED

Stantec 4900 Professional Parkway East, Sarasota, FL 34240-8414 Phone 941-507-6900 • Fax 941-507-6910 Certificate of Authorization #2013 • www.stantec.com		CLIENT: AUTONATION PROJECT: AUTO AUCTION 650 N US HWY 17-92	DATE: 09/01/16 HORIZONTAL SCALE: VERTICAL SCALE: SEC: 33 TWP: 20 RGE: 30 CROSS REFERENCE FILE NO.: PROJECT NUMBER: 2007106004	TITLE: TREE MANAGEMENT PLAN ERIC BLUCK, RLA FLORIDA LICENSE NO. LA6667176 INDEX NUMBER: TM.01 SHEET NUMBER: 2 OF 5
ACTIVITY DESIGNED BY: EB / SN 9/2016 DRAWN BY: EB / SN 09/01/2016 CHECKED BY: CONTRACT ADMIN. BY: WM APPROVED BY:	INITIALS/EMP. NO. DATE EB / SN 9/2016 EB / SN 09/01/2016	A ISSUED FOR PERMITTING 09/12/16 EB / SN	REVISION DATE DRAWN BY / EMP. NO. CHECKED BY / EMP. NO.	REV. NO. REVISION

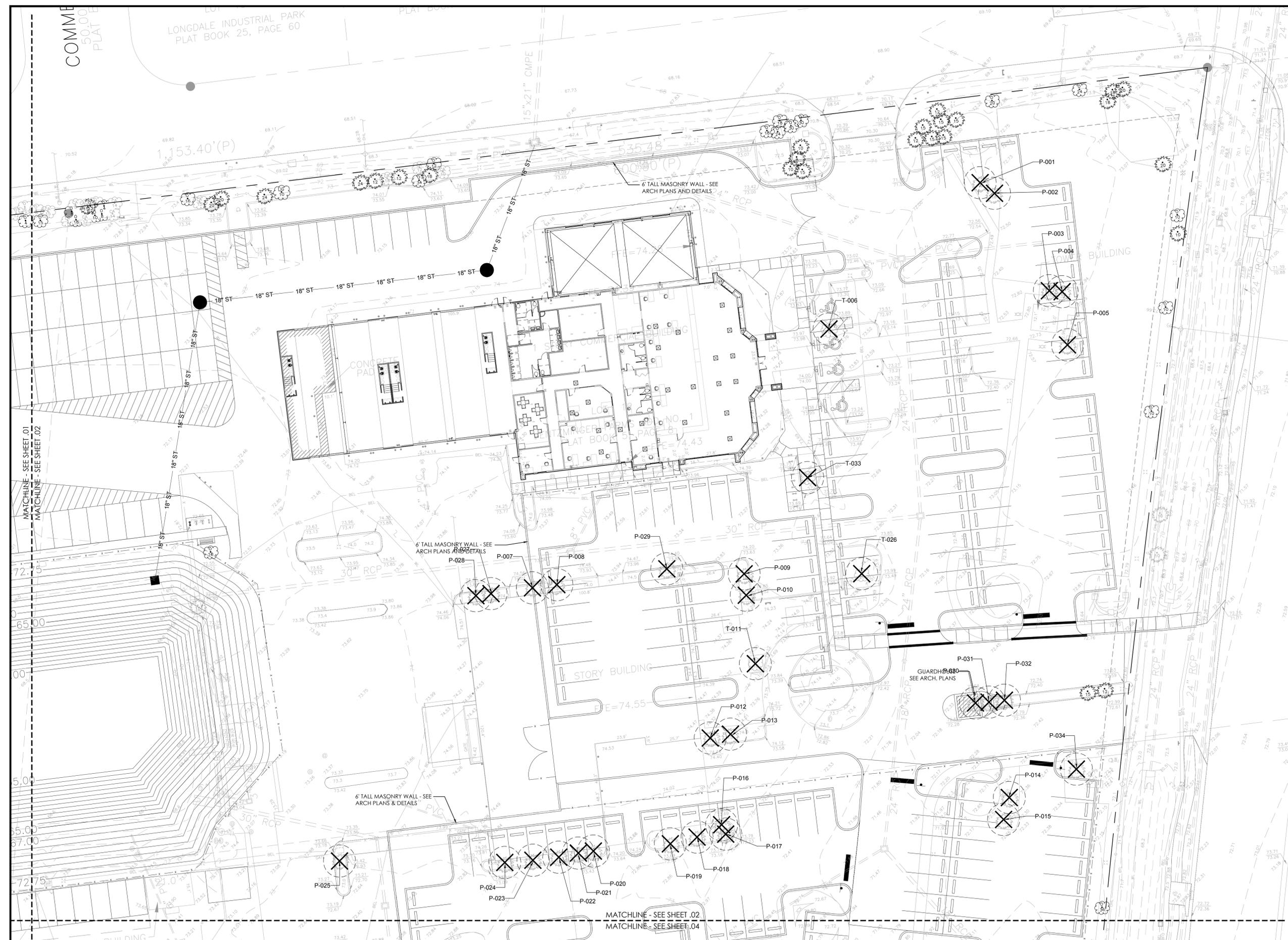
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P-013	Cabbage Palm	Sabal palmetto	15
P-014	Cabbage Palm	Sabal palmetto	12
P-015	Cabbage Palm	Sabal palmetto	10
P-016	Cabbage Palm	Sabal palmetto	12
P-017	Cabbage Palm	Sabal palmetto	12
P-018	Cabbage Palm	Sabal palmetto	18
P-019	Cabbage Palm	Sabal palmetto	18
P-020	Cabbage Palm	Sabal palmetto	15
P-021	Cabbage Palm	Sabal palmetto	15
P-022	Cabbage Palm	Sabal palmetto	15
P-023	Cabbage Palm	Sabal palmetto	12
P-024	Cabbage Palm	Sabal palmetto	12
P-025	Cabbage Palm	Sabal palmetto	15
T-026	Oak	Quercus spp.	20
P-027	Cabbage Palm	Sabal palmetto	12
P-028	Cabbage Palm	Sabal palmetto	15
P-029	Cabbage Palm	Sabal palmetto	12
P-030	Cabbage Palm	Sabal palmetto	15
P-031	Cabbage Palm	Sabal palmetto	15
P-032	Cabbage Palm	Sabal palmetto	15
T-033	Holly	Ilex spp.	8
P-034	Cabbage Palm	Sabal palmetto	12

TREE REMOVAL LEGEND

TREE REMOVAL ANNOTATION

- TREE LOCATION SYMBOL
- TREE TYPE - TREE OR PALM
- TREE NUMBER
- INDICATES TREE TO BE REMOVED
- TREE OR PALM TO REMAIN AND BE PROTECTED, SEE TREE PROTECTION DETAIL
- TREE OR PALM TO REMAIN, NOT CODE APPLICABLE DUE TO SPECIES OR LOCATION



<p>ACTIVITY</p> <p>DESIGNED BY: EB / SN 9/2016</p> <p>DRAWN BY: EB / SN 09/01/2016</p> <p>CHECKED BY:</p> <p>CONTRACT ADMIN. BY:</p> <p>WM APPROVED BY:</p>		<p>INITIALS/EMP. NO. DATE</p> <p>EB / SN 9/2016</p> <p>EB / SN 09/01/2016</p>	<p>CLIENT:</p> <p>AUTONATION</p> <p>PROJECT:</p> <p>AUTO AUCTION 650 N US HWY 17-92</p>	<p>DATE:</p> <p>09/01/16</p> <p>TITLE:</p> <p>TREE MANAGEMENT PLAN</p>	<p>ERIC BLOK, RIA FLORIDA LICENSE NO. LA6667176</p> <p>INDEX NUMBER: TM.02</p> <p>SHEET NUMBER: 3 OF 5</p>
<p>ISSUED FOR PERMITTING</p> <p>DATE: 09/12/16</p> <p>DRAWN BY / EMP. NO.: EB / SN</p> <p>CHECKED BY / EMP. NO.:</p>		<p>CONTRACT ADMIN. BY:</p>	<p>CROSS REFERENCE FILE NO.:</p>	<p>PROJECT NUMBER:</p> <p>2007106004</p>	



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TREE MANAGEMENT LEGEND

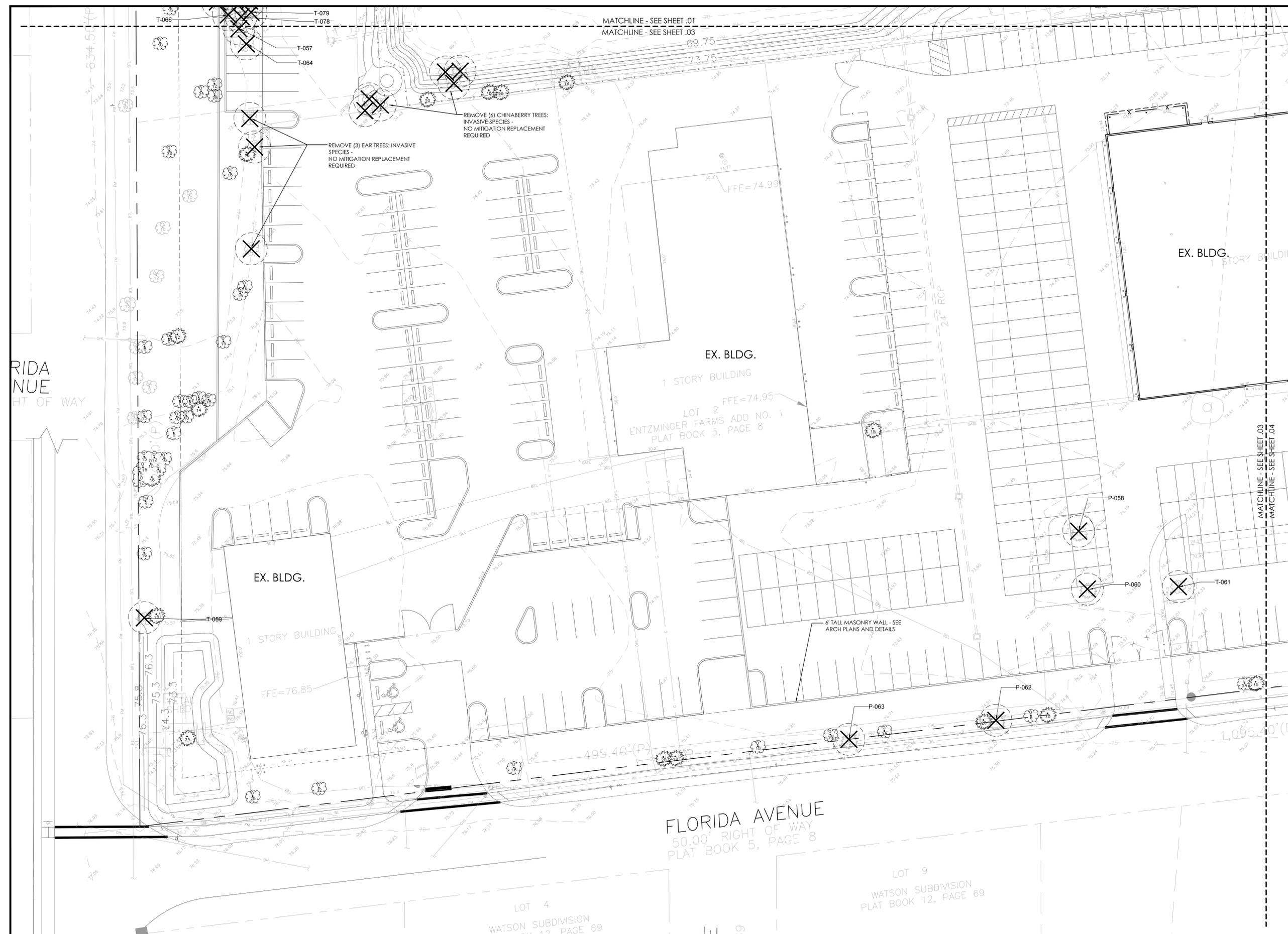
Trees to be Removed (this sheet)

TREE #	Common Name	Scientific Name	DBH
T-057	Oak	Quercus spp.	20
P-058	Cabbage Palm	Sabal palmetto	15
T-059	Oak	Quercus spp.	16
P-060	Cabbage Palm	Sabal palmetto	18
T-061	Oak	Quercus spp.	12
P-062	Cabbage Palm	Sabal palmetto	18
P-063	Cabbage Palm	Sabal palmetto	20
T-064	Oak	Quercus spp.	20

TREE REMOVAL LEGEND

TREE REMOVAL ANNOTATION

- TREE LOCATION SYMBOL
- TREE TYPE - TREE OR PALM
- TREE NUMBER
- INDICATES TREE TO BE REMOVED
- TREE OR PALM TO REMAIN AND BE PROTECTED, SEE TREE PROTECTION DETAIL
- TREE OR PALM TO REMAIN, NOT CODE APPLICABLE DUE TO SPECIES OR LOCATION



FLORIDA AVENUE
50.00' RIGHT OF WAY

FLORIDA AVENUE
50.00' RIGHT OF WAY
PLAT BOOK 5, PAGE 8

LOT 4
WATSON SUBDIVISION
PLAT BOOK 12, PAGE 69

LOT 9
WATSON SUBDIVISION
PLAT BOOK 12, PAGE 69

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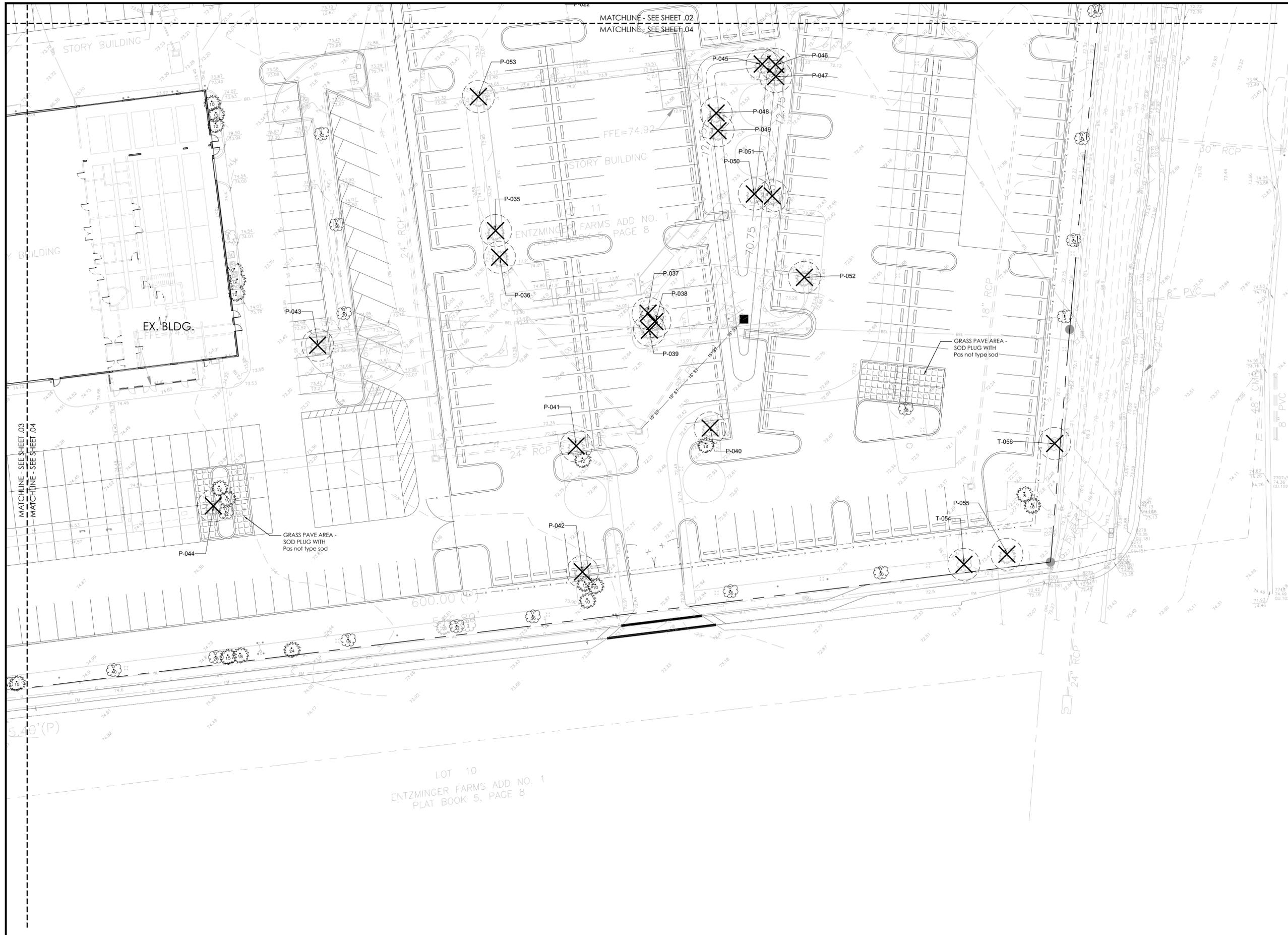
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650 N US HWY 17-92

DATE: 09/01/16
HORIZONTAL SCALE:
VERTICAL SCALE:
SEC: 33 TWP: 20 RGE: 30

TITLE: TREE MANAGEMENT PLAN
ERIC BLOK, RIA
FLORIDA LICENSE NO. LA6667176
INDEX NUMBER: TM.03
SHEET NUMBER: 4 OF 5
PROJECT NUMBER: 2007106004



TREE MANAGEMENT LEGEND

Trees to be Removed (this sheet)			
TREE #	Common Name	Scientific Name	DBH
P-035	Cabbage Palm	Sabal palmetto	12
P-036	Cabbage Palm	Sabal palmetto	12
P-037	Cabbage Palm	Sabal palmetto	12
P-038	Cabbage Palm	Sabal palmetto	12
P-039	Cabbage Palm	Sabal palmetto	10
P-040	Cabbage Palm	Sabal palmetto	12
P-041	Cabbage Palm	Sabal palmetto	12
P-042	Cabbage Palm	Sabal palmetto	15
P-043	Cabbage Palm	Sabal palmetto	15
P-044	Cabbage Palm	Sabal palmetto	10
P-045	Cabbage Palm	Sabal palmetto	10
P-046	Cabbage Palm	Sabal palmetto	12
P-047	Cabbage Palm	Sabal palmetto	13
P-048	Cabbage Palm	Sabal palmetto	12
P-049	Cabbage Palm	Sabal palmetto	12
P-050	Cabbage Palm	Sabal palmetto	12
P-051	Cabbage Palm	Sabal palmetto	12
P-052	Cabbage Palm	Sabal palmetto	12
P-053	Cabbage Palm	Sabal palmetto	12
T-054	Oak	Quercus spp.	8
P-055	Cabbage Palm	Sabal palmetto	15
T-056	Oak	Quercus spp.	7

TREE REMOVAL LEGEND



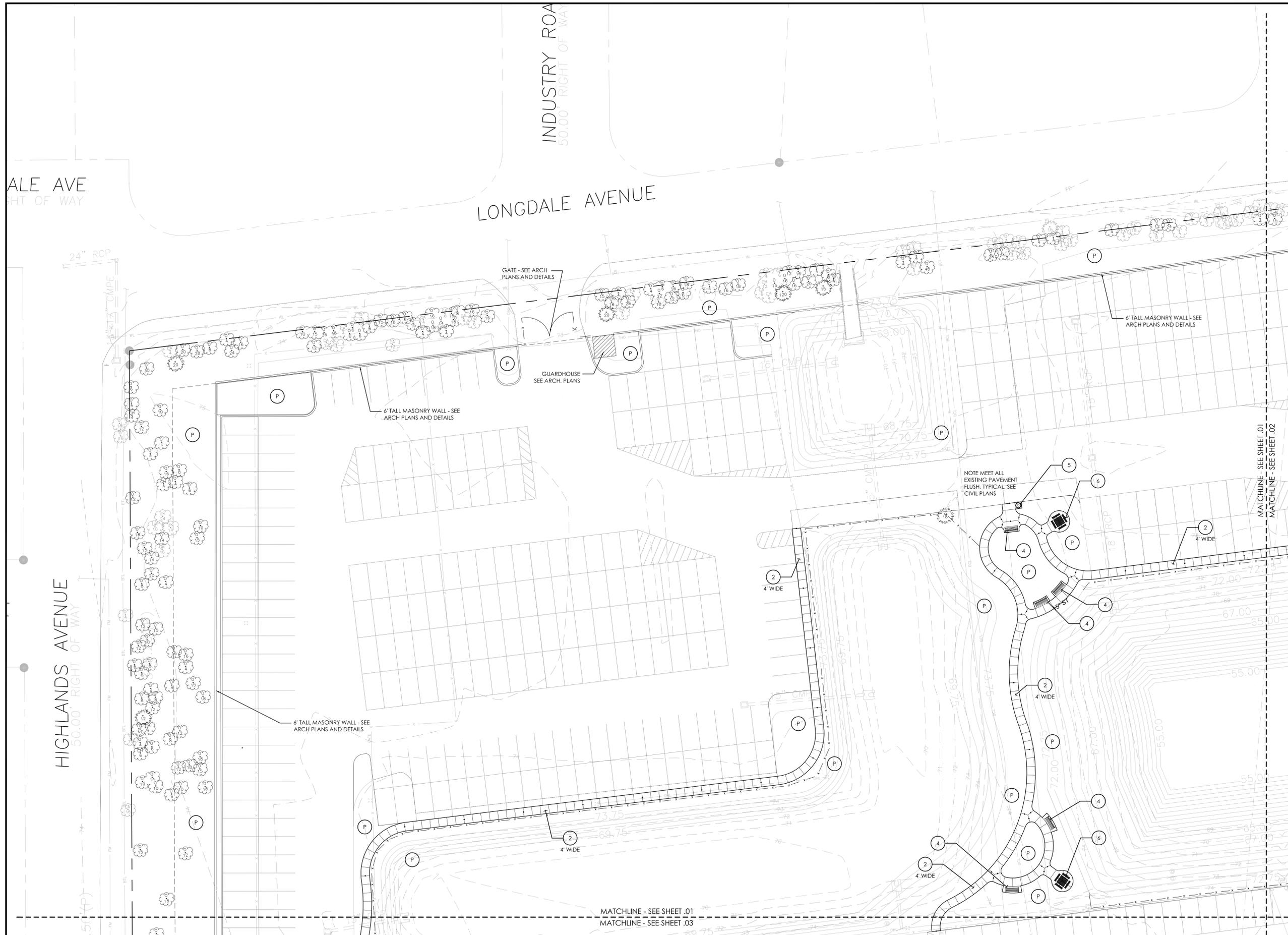
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HORIZONTAL SCALE:		INDEX NUMBER: TM.04
VERTICAL SCALE:		SHEET NUMBER: 5 OF 5
SEC: 33	TWP: 20	RGE: 30
CROSS REFERENCE FILE NO.:	PROJECT NUMBER: 2007106004	



HARDSCAPE SCHEDULE

1. EXISTING CONCRETE WALKWAY TO REMAIN AND BE PROTECTED TYPICAL
2. 4" THICK NATURAL GRAY CONCRETE WITH SPONGE FLOAT FINISHED SURFACE AND 6X6X10 WWM, 4000 PSI - SEE DETAILS
3. BIKE RACK, DUMOR 83 SERIES, BLACK COLOR, SURFACE MOUNT, AVAILABLE THROUGH DUMOR SITE FURNISHINGS INC. WWW.DUMOR.COM, PH: 800-598-4018
4. 6" BENCH, DUMOR 160 SERIES, BLACK COLOR, SURFACE MOUNT, AVAILABLE THROUGH DUMOR SITE FURNISHINGS INC. WWW.DUMOR.COM, PH: 800-598-4018
5. TRASH RECEPTACLE, DUMOR RECEPTACLE 84, 32 GALLON, BLACK COLOR, WITH BTA COVER, SURFACE MOUNT, AVAILABLE THROUGH DUMOR SITE FURNISHINGS INC. WWW.DUMOR.COM, PH: 800-598-4018
6. PICNIC TABLE, DUMOR 448-44, BLACK COLOR, SURFACE MOUNT, AVAILABLE THROUGH DUMOR SITE FURNISHINGS INC. WWW.DUMOR.COM, PH: 800-598-4018
- P PLANTING AREA - REFER TO LANDSCAPE PLANS

HARDSCAPE PLAN SYMBOLS

- EXPANSION JOINT SEE DETAILS
- HAND TOOLED CONTROL JOINT SEE DETAILS
- TRASH RECEPTACLE
- POLE LIGHT
- BIKE RACK
- 6" BENCH

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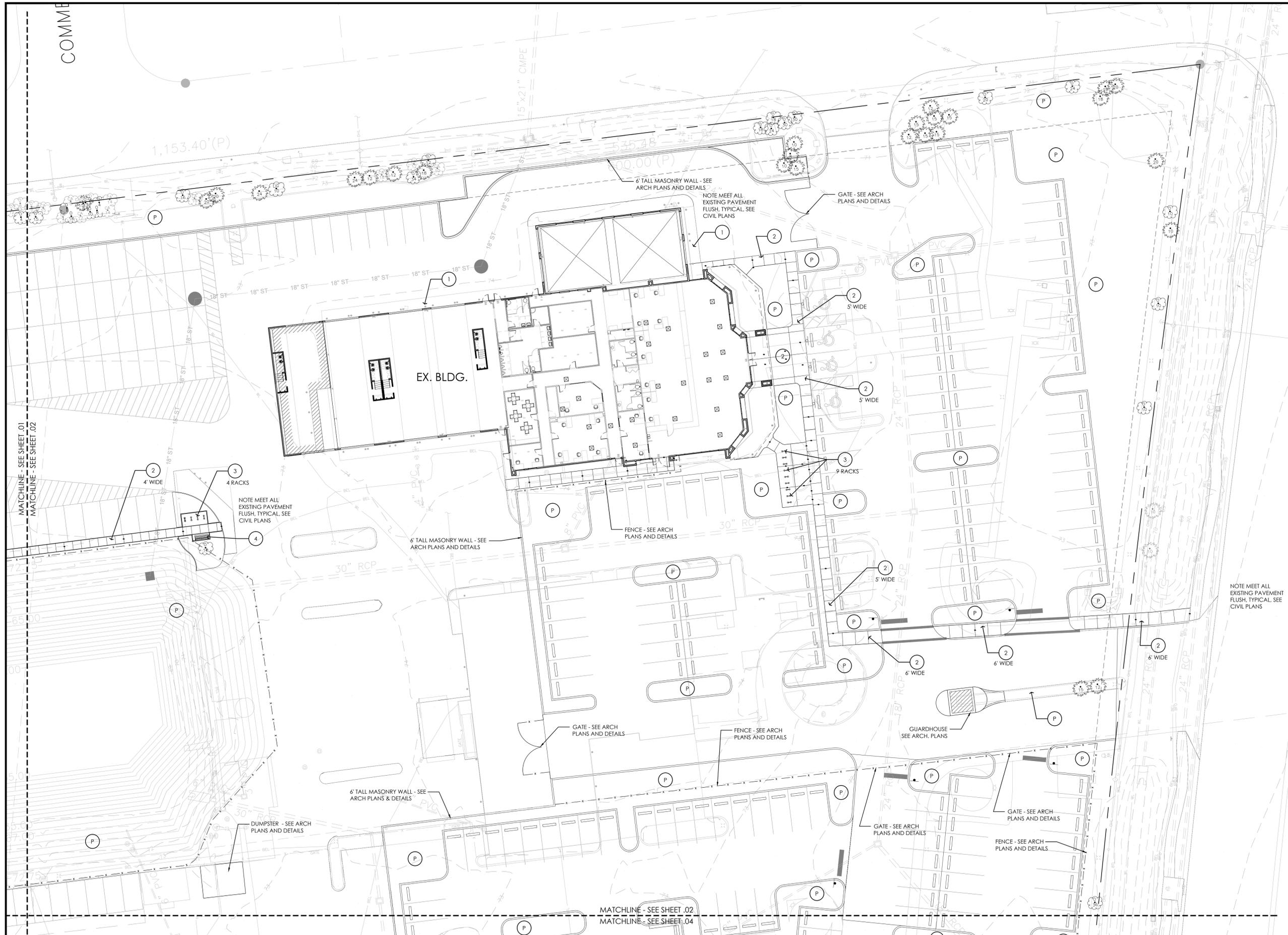
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33 20 30

TITLE: HARDSCAPE PLAN
PROJECT NUMBER: 2007106004
SHEET NUMBER: 1 OF 12

ERIC BUCK, P.E.
FLORIDA LICENSE NO. LA6667176
INDEX NUMBER: HP.01
SHEET NUMBER: 1 OF 12



HARDSCAPE SCHEDULE

1. EXISTING CONCRETE WALKWAY TO REMAIN AND BE PROTECTED TYPICAL
 2. 4" THICK NATURAL GRAY CONCRETE WITH SPONGE FLOAT FINISHED SURFACE AND 6X6X10 WWM, 4000 PSI - SEE DETAILS
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- P PLANTING AREA - REFER TO LANDSCAPE PLANS

HARDSCAPE PLAN SYMBOLS

- EXPANSION JOINT
SEE DETAILS
- HAND TOOLED CONTROL JOINT
SEE DETAILS
- TRASH RECEPTACLE
- POLE LIGHT
- BIKE RACK
- 6" BENCH

MATCHLINE - SEE SHEET .01
MATCHLINE - SEE SHEET .02

MATCHLINE - SEE SHEET .02
MATCHLINE - SEE SHEET .04

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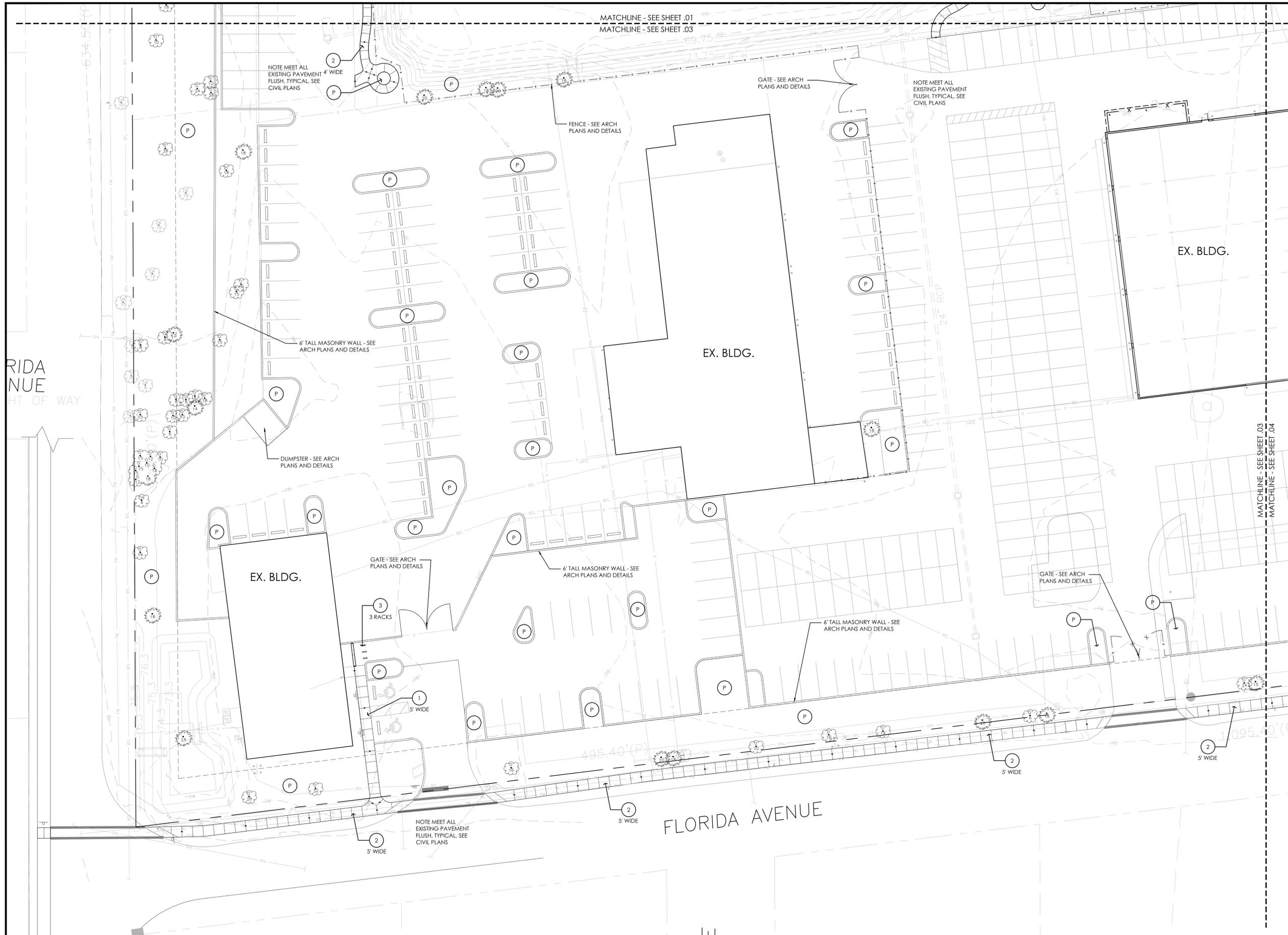
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 PROJECT NUMBER: 2007106004
 SHEET NUMBER: 2 OF 12

ERIC BLOK, RLA
 FLORIDA LICENSE NO. LA6667176
 INDEX NUMBER:
 HP 02
 SHEET NUMBER:
 2 OF 12



HARDSCAPE SCHEDULE

1. EXISTING CONCRETE WALKWAY TO REMAIN AND BE PROTECTED TYPICAL
 2. 4" THICK NATURAL GRAY CONCRETE WITH SPONGE FLOAT FINISHED SURFACE AND 6X6X10 W/M, 4000 PSI - SEE DETAILS
 3. BIKE RACK, DUMOR 83 SERIES, BLACK COLOR, SURFACE MOUNT, AVAILABLE THROUGH DUMOR SITE FURNISHINGS INC. WWW.DUMOR.COM, PH: 800-598-4018
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- P PLANTING AREA - REFER TO LANDSCAPE PLANS

HARDSCAPE PLAN SYMBOLS

- EXPANSION JOINT SEE DETAILS
- HAND TOOLED CONTROL JOINT SEE DETAILS
- TRASH RECEPTACLE
- POLE LIGHT
- BIKE RACK
- 6" BENCH

MATCHLINE - SEE SHEET .01
MATCHLINE - SEE SHEET .03

NOTE MEET ALL EXISTING PAVEMENT FLUSH, TYPICAL, SEE CIVIL PLANS

FENCE - SEE ARCH PLANS AND DETAILS

GATE - SEE ARCH PLANS AND DETAILS

NOTE MEET ALL EXISTING PAVEMENT FLUSH, TYPICAL, SEE CIVIL PLANS

6' TALL MASONRY WALL - SEE ARCH PLANS AND DETAILS

DUMPSTER - SEE ARCH PLANS AND DETAILS

GATE - SEE ARCH PLANS AND DETAILS

6' TALL MASONRY WALL - SEE ARCH PLANS AND DETAILS

6' TALL MASONRY WALL - SEE ARCH PLANS AND DETAILS

GATE - SEE ARCH PLANS AND DETAILS

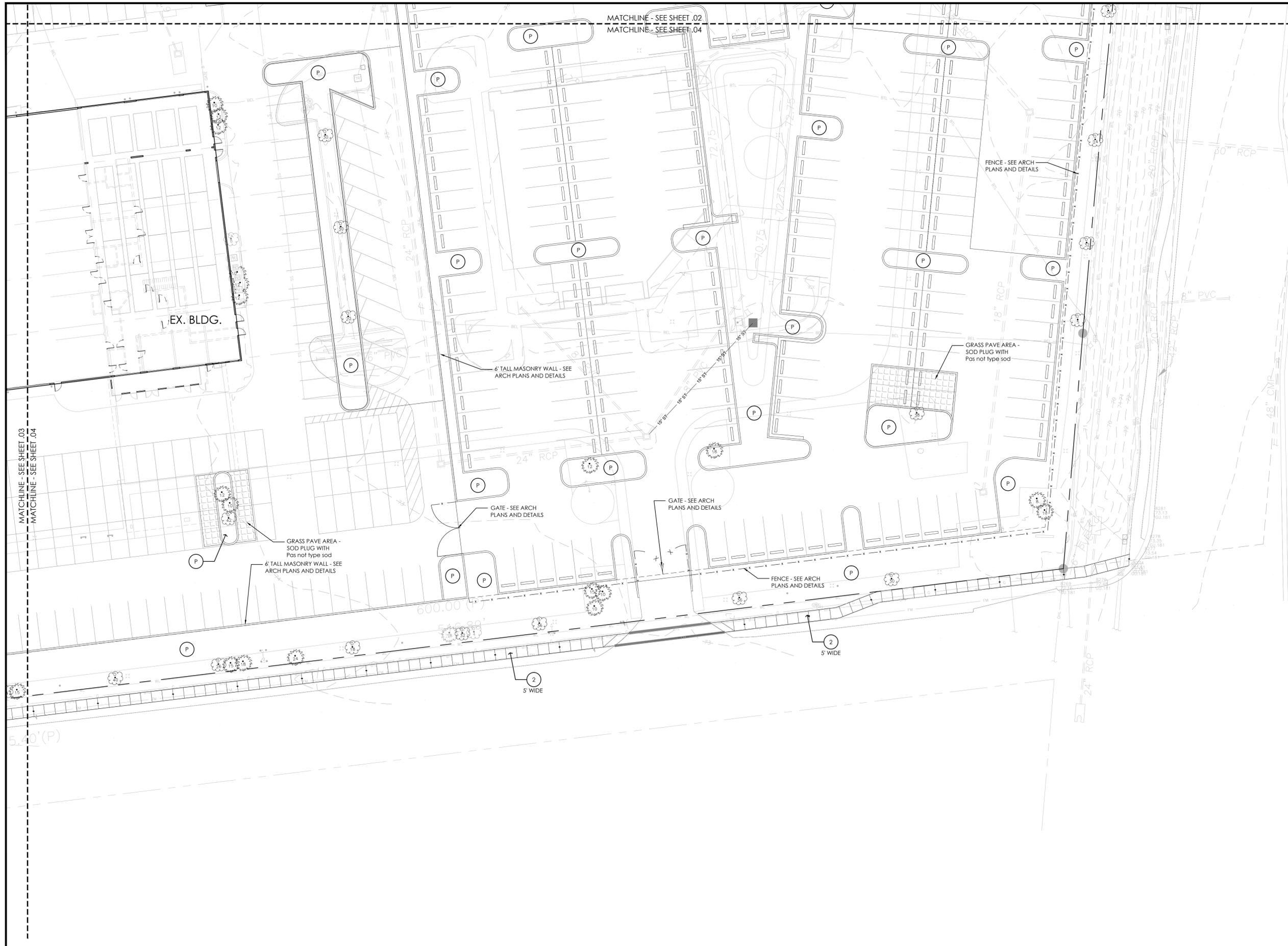
NOTE MEET ALL EXISTING PAVEMENT FLUSH, TYPICAL, SEE CIVIL PLANS

FLORIDA AVENUE

RIDA NUE
HT OF WAY

MATCHLINE - SEE SHEET .03
MATCHLINE - SEE SHEET .04

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HARDSCAPE SCHEDULE

1. EXISTING CONCRETE WALKWAY TO REMAIN AND BE PROTECTED TYPICAL
 2. 4" THICK NATURAL GRAY CONCRETE WITH SPONGE FLOAT FINISHED SURFACE AND 6X6X10 W/M, 4000 PSI - SEE DETAILS
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- P PLANTING AREA - REFER TO LANDSCAPE PLANS

HARDSCAPE PLAN SYMBOLS

- EXPANSION JOINT SEE DETAILS
- HAND TOOLED CONTROL JOINT SEE DETAILS
- TRASH RECEPTACLE
- POLE LIGHT
- BIKE RACK
- 6" BENCH

MATCHLINE - SEE SHEET .03
MATCHLINE - SEE SHEET .04

MATCHLINE - SEE SHEET .02
MATCHLINE - SEE SHEET .04

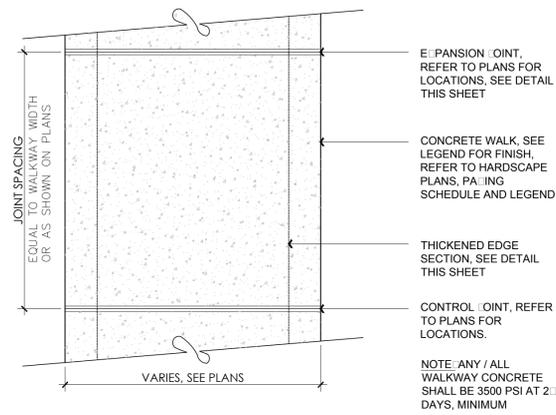
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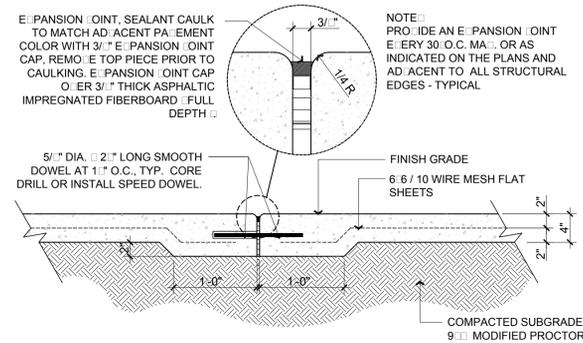
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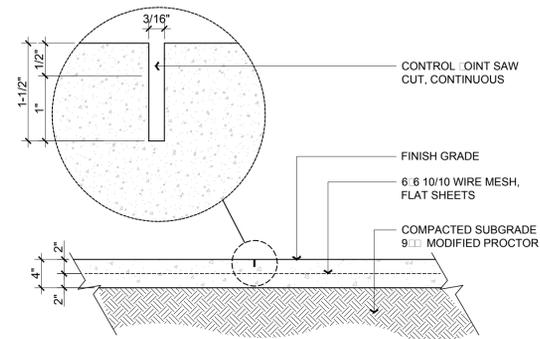
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HORIZONTAL SCALE:	ERIC BLOK, RIA FLORIDA LICENSE NO. LA6667176
VERTICAL SCALE:	INDEX NUMBER: HP.04
SEC: 33 TWP: 20 RGE: 30	CROSS REFERENCE FILE NO.:
PROJECT NUMBER: 2007106004	SHEET NUMBER: 4 OF 12



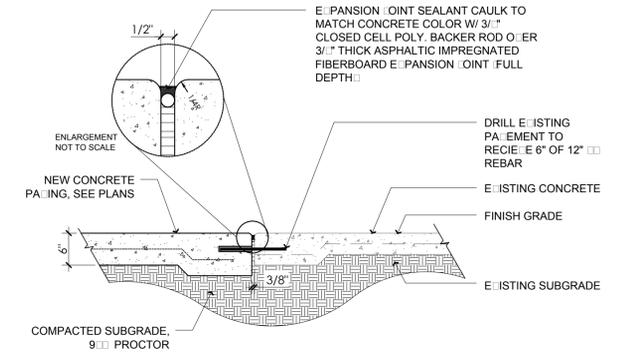
1 CONCRETE WALKWAY, TYP.
SCALE: 1/2" = 1'-0"



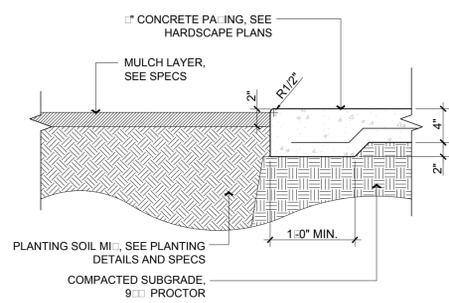
2 4" CONCRETE PAVEMENT / EXPANSION JOINT
SCALE: 1" = 1'-0"



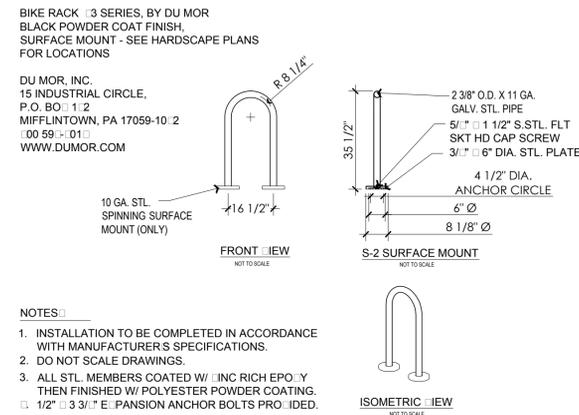
3 4" CONC. - CONTROLJOINT / SAWCUT
SCALE: 1" = 1'-0"



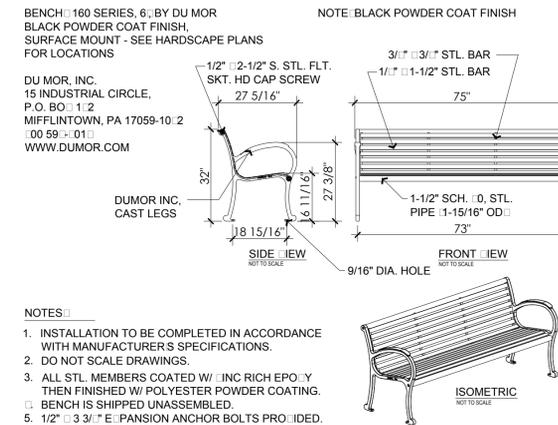
4 EXPANSION JOINT AT EXISTING CONCRETE
SCALE: 3/4" = 1'-0"



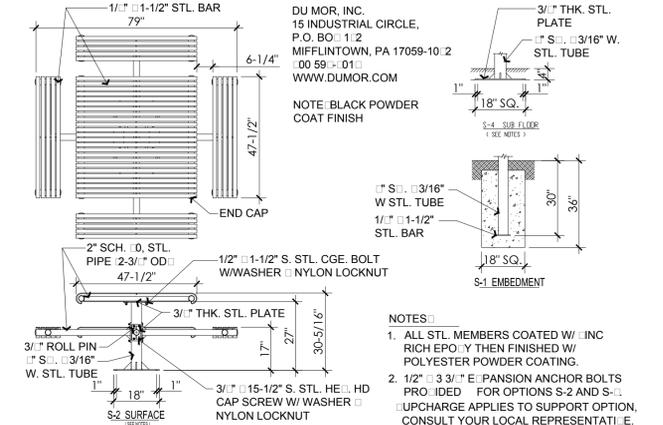
5 CONCRETE EDGE - PLANTING
SCALE: 1" = 1'-0"



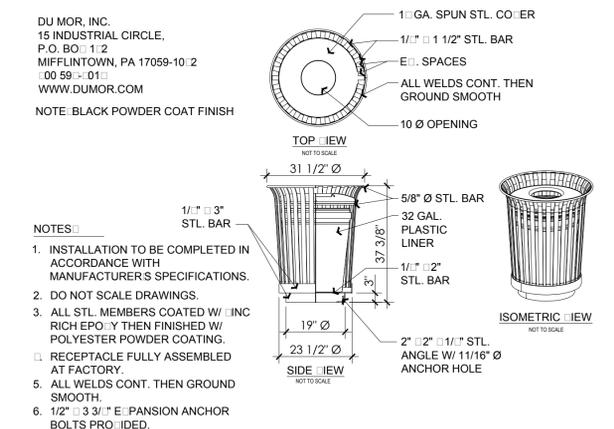
6 BIKE RACK, 83 SERIES, DUMOR
SCALE: NTS



7 6' BENCH, 160 SERIES, DUMOR
SCALE: NTS



8 TABLE 44-44, DUMOR
SCALE: NTS



9 84-32, STEEL RECEPTACLE DUMOR
SCALE: NTS

- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWINGS.
 3. ALL STL. MEMBERS COATED W/ INC RICH EPO. Y THEN FINISHED W/ POLYESTER POWDER COATING.
 4. 1/2" x 3/16" EXPANSION ANCHOR BOLTS PROVIDED.

- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWINGS.
 3. ALL STL. MEMBERS COATED W/ INC RICH EPO. Y THEN FINISHED W/ POLYESTER POWDER COATING.
 4. BENCH IS SHIPPED UNASSEMBLED.
 5. 1/2" x 3/16" EXPANSION ANCHOR BOLTS PROVIDED.

- NOTES:
1. ALL STL. MEMBERS COATED W/ INC RICH EPO. Y THEN FINISHED W/ POLYESTER POWDER COATING.
 2. 1/2" x 3/16" EXPANSION ANCHOR BOLTS PROVIDED FOR OPTIONS S-2 AND S-1. UPGRADE APPLIES TO SUPPORT OPTION. CONSULT YOUR LOCAL REPRESENTATIVE.

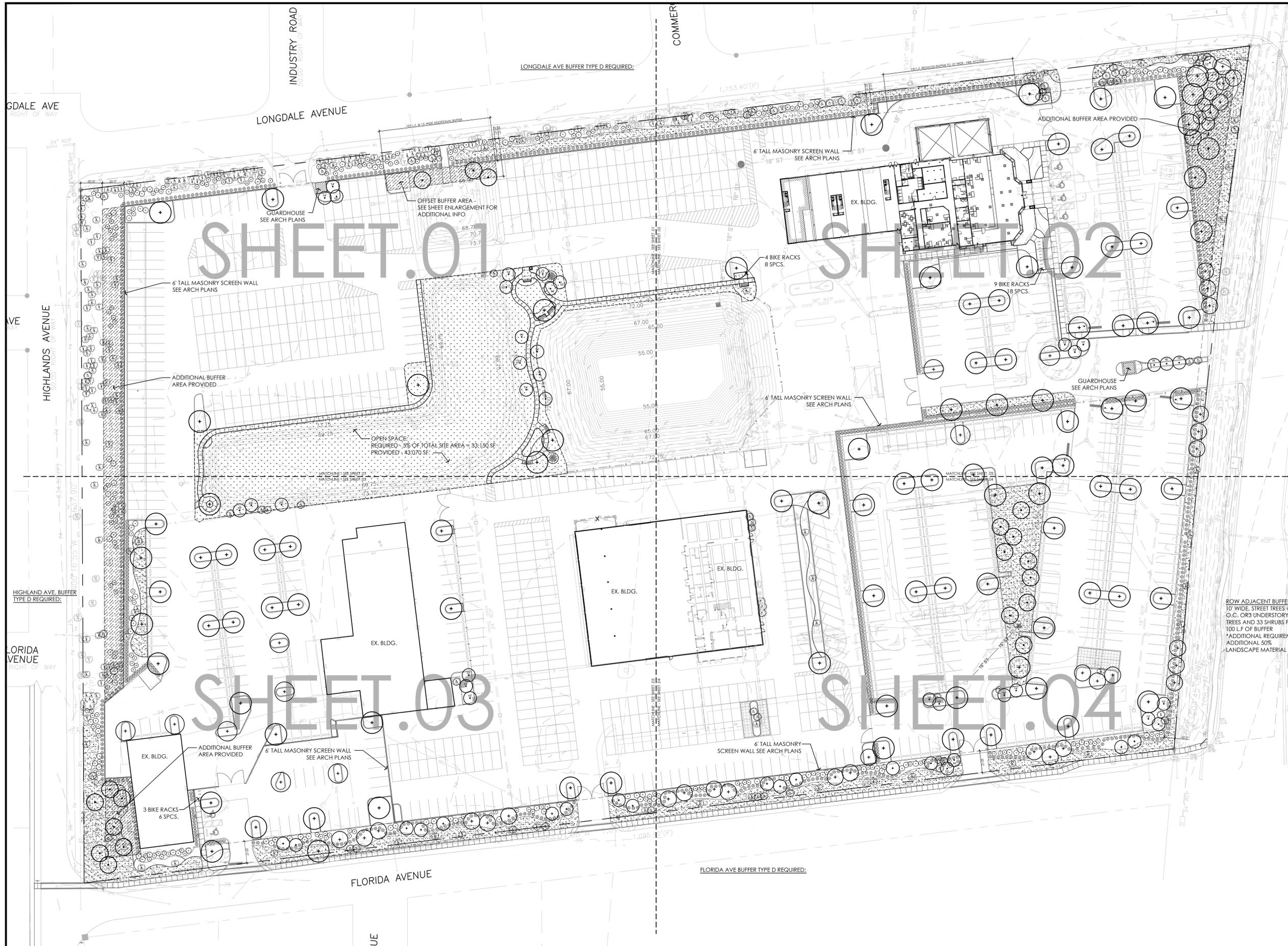
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650 N US HWY 17-92

DATE:	TITLE:	INDEX NUMBER:
09/01/16	HARDSCAPE DETAILS	HD.01
REV. NO.	REVISION	
33	20	30
CROSS REFERENCE FILE NO.:	PROJECT NUMBER:	SHEET NUMBER:
	2007106004	5 OF 12



CODE REQUIREMENTS TABLE

MINIMUM TREES REQUIRED ON SITE:

10 TREES / ACRE x15.2 ACRES
 REQUIRED = 152 TREES
 PROVIDED = 194 PLANTED TREES

LANDSCAPE AREA FOR PARKING:

10% x 210,598 SF:
 REQUIRED = 21,059 SF
 PROVIDED = 24,750 SF

TREES FOR PARKING AREA:

1 TREE / 200 SF OF REQUIRED LANDSCAPE:
 REQUIRED =106 TREES
 PROVIDED =106 TREES

BUFFER D REQUIREMENTS:

(PER 100 L.F.)
 20 FEET WIDE
 6 TREES
 12 CONIFERS/EVERGREENS
 24 SHRUBS (24" HGT. @ 4' O.C.)

R.O.W. BUFFER REQUIREMENTS:17-92

(PER 100 L.F.)
 10 FEET WIDE
 STREET TREES @ 30' O.C. OR
 3 UNDERSTORY TREES
 33 SHRUBS (24" HGT. @ 4' O.C.)
 * THIS BUFFER REQUIRES AN
 ADDITIONAL 50% OF LANDSCAPE
 MATERIAL

OPEN SPACE REQUIREMENT:

5% OF TOTAL SITE (662,134 SF)
 REQUIRED =33,107 SF
 PROVIDED =43,070 SF

BIKE RACK REQUIREMENT:

1 BIKE SPACE / 10 CAR SPACES
 REQUIRED =42
 PROVIDED =32

TREES PROVIDED:

EXISTING TREES PRESERVED ON SITE:
 CANOPY TREES =197 TREES
 PALMS 3:1 = 68/3 = 22 TREES

PLANTED TREES
 TREES = 180 TREES
 PALMS 3:1 = 43/3 = 14 TREES

TOTAL TREES PROVIDED = 413 TREES

ROW ADJACENT BUFFER:
 10' WIDE, STREET TREES @ 30'
 O.C. OR 3 UNDERSTORY
 TREES AND 33 SHRUBS PER
 100 L.F. OF BUFFER
 *ADDITIONAL REQUIREMENT:
 ADDITIONAL 50%
 LANDSCAPE MATERIAL

DATE: 09/12/16	DESIGNED BY: EB / SN	INITIALS/EMP. NO.: EB / SN	DATE: 9/2016
DRAWN BY: EB / SN	CHECKED BY:	CONTRACT ADMIN. BY:	WM APPROVED BY:
DATE: 09/12/16	DRAWN BY / EMP. NO.: EB / SN	CHECKED BY / EMP. NO.:	

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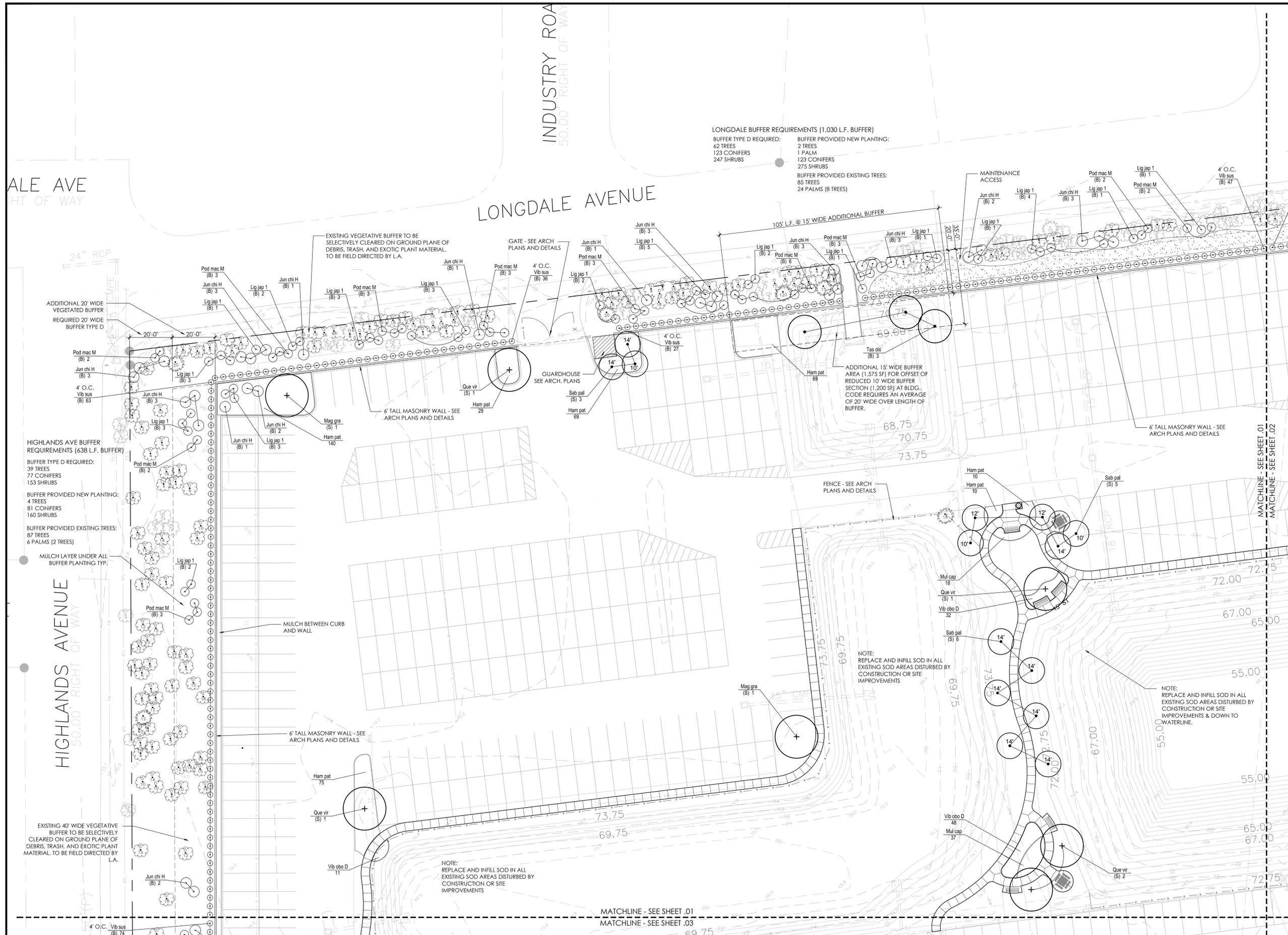
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CLIENT: AUTONATION
 PROJECT: AUTO AUCTION
 650 N US HWY 17-92

DATE: 09/01/16
 HORIZONTAL SCALE:
 VERTICAL SCALE:
 SEC: 33 TWP: 20 RGE: 30

TITLE: SITE LANDSCAPE CODE PLAN
 PROJECT NUMBER: 2007106004

ERIC BUCK, RLA
 FLORIDA LICENSE NO. LA6667176
 INDEX NUMBER: LP-00
 SHEET NUMBER: 6 OF 12



LANDSCAPE LEGEND

- CONIFER OR HEDGE PLANTING
- PLANTING BEDLINE TYP.
- PLANT SYMBOL
- PLANT TAG
- PLANT QUANTITY
- CODE REQUIREMENT (B) BUFFER (P) PARKING (S) SITE
- EXISTING TREE OR PALM TO REMAIN AND COUNT TOWARD TREE REQUIREMENTS
- EXISTING TREE OR PALM TO REMAIN NOT APPLICABLE TO TREE REQUIREMENTS (grayscale)
- SOD

NOTE: LANDSCAPE TO HAVE AN AUTOMATIC IRRIGATION SYSTEM PROVIDING 100% HEAD TO HEAD COVERAGE WITH AUTOMATIC RAIN SHUTOFF SWITCH.

LONGDALE BUFFER REQUIREMENTS (1,030 L.F. BUFFER)
 BUFFER TYPE D REQUIRED:
 2 TREES
 123 CONIFERS
 247 SHRUBS

BUFFER PROVIDED NEW PLANTING:
 1 PALM
 123 CONIFERS
 275 SHRUBS

BUFFER PROVIDED EXISTING TREES:
 85 TREES
 24 PALMS (8 TREES)

HIGHLANDS AVE BUFFER REQUIREMENTS (638 L.F. BUFFER)
 BUFFER TYPE D REQUIRED:
 39 TREES
 77 CONIFERS
 153 SHRUBS

BUFFER PROVIDED NEW PLANTING:
 4 TREES
 81 CONIFERS
 160 SHRUBS

BUFFER PROVIDED EXISTING TREES:
 87 TREES
 6 PALMS (2 TREES)

MULCH LAYER UNDER ALL BUFFER PLANTING TYP.

HIGHLANDS AVENUE
 50.00' RIGHT OF WAY

INDUSTRY ROAD
 50.00' RIGHT OF WAY

LONGDALE AVENUE

MATCHLINE - SEE SHEET .01
 MATCHLINE - SEE SHEET .03

NOTE: REPLACE AND INFILL SOD IN ALL EXISTING SOD AREAS DISTURBED BY CONSTRUCTION OR SITE IMPROVEMENTS

NOTE: REPLACE AND INFILL SOD IN ALL EXISTING SOD AREAS DISTURBED BY CONSTRUCTION OR SITE IMPROVEMENTS

NOTE: REPLACE AND INFILL SOD IN ALL EXISTING SOD AREAS DISTURBED BY CONSTRUCTION OR SITE IMPROVEMENTS & DOWN TO WATERLINE.

REV. NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.	WM. APPROVED BY:
A	ISSUED FOR PERMITTING	09/12/16	EB / SN	EB / SN	

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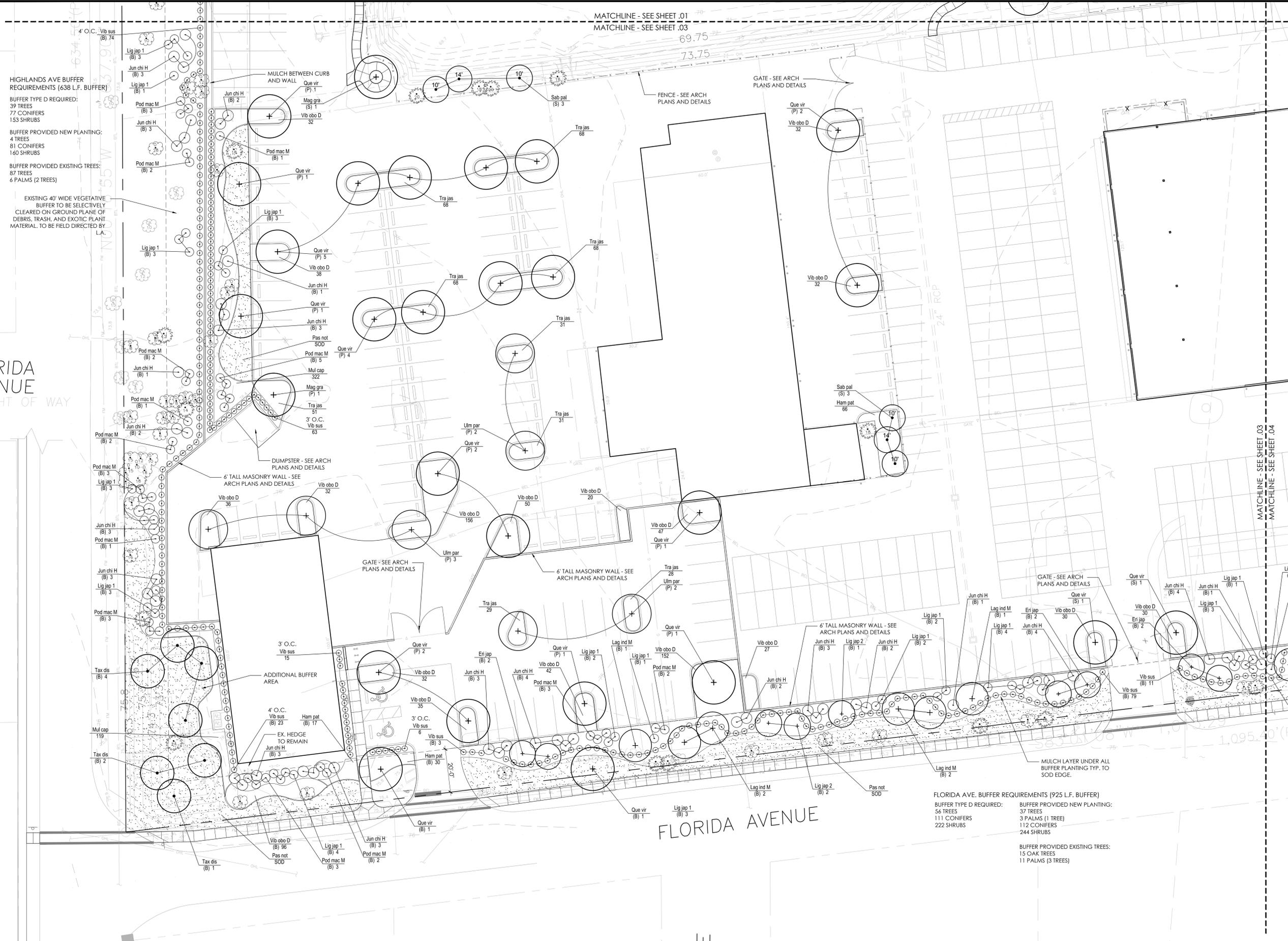
CLIENT: AUTONATION
 PROJECT: AUTO AUCTION
 650 N US HWY 17-92

DATE: 09/01/16
 HORIZONTAL SCALE:
 VERTICAL SCALE:
 SHEET: 33 OF 30

TITLE: LANDSCAPE PLAN
 CROSS REFERENCE FILE NO.:
 PROJECT NUMBER: 2007106004

ERIC BUCK, P.E.
 FLORIDA LICENSE NO. LA6667176
 INDEX NUMBER: LP.01
 SHEET NUMBER: 7 OF 12

MATCHLINE - SEE SHEET .01
 MATCHLINE - SEE SHEET .03



LANDSCAPE LEGEND

- CONIFER OR HEDGE PLANTING
- PLANTING BEDLINE TYP.
- PLANT SYMBOL
- PLANT TAG
- PLANT QUANTITY
- CODE REQUIREMENT (B) BUFFER (P) PARKING (S) SITE
- EXISTING TREE OR PALM TO REMAIN AND COUNT TOWARD TREE REQUIREMENTS
- EXISTING TREE OR PALM NOT APPLICABLE TO TREE REQUIREMENTS (grayscale)
- SOD

NOTE: LANDSCAPE TO HAVE AN AUTOMATIC IRRIGATION SYSTEM PROVIDING 100% HEAD TO HEAD COVERAGE WITH AUTOMATIC RAIN SHUTOFF SWITCH.

HIGHLANDS AVE BUFFER REQUIREMENTS (638 L.F. BUFFER)
 BUFFER TYPE D REQUIRED:
 39 TREES
 77 CONIFERS
 153 SHRUBS
 BUFFER PROVIDED NEW PLANTING:
 4 TREES
 81 CONIFERS
 160 SHRUBS
 BUFFER PROVIDED EXISTING TREES:
 87 TREES
 6 PALMS (2 TREES)

EXISTING 40' WIDE VEGETATIVE BUFFER TO BE SELECTIVELY CLEARED ON GROUND PLANE OF DEBRIS, TRASH, AND EXOTIC PLANT MATERIAL, TO BE FIELD DIRECTED BY L.A.

FLORIDA AVENUE
 HT OF WAY

FLORIDA AVE. BUFFER REQUIREMENTS (925 L.F. BUFFER)
 BUFFER TYPE D REQUIRED:
 56 TREES
 111 CONIFERS
 222 SHRUBS
 BUFFER PROVIDED NEW PLANTING:
 37 TREES
 3 PALMS (1 TREE)
 112 CONIFERS
 244 SHRUBS
 BUFFER PROVIDED EXISTING TREES:
 15 OAK TREES
 11 PALMS (3 TREES)

<p>ISSUED FOR PERMITTING</p> <p>DATE: 09/12/16</p> <p>DESIGNED BY: EB / SN</p> <p>DRAWN BY: EB / SN</p> <p>CHECKED BY:</p> <p>CONTRACT ADMIN. BY:</p> <p>WM APPROVED BY:</p>		<p>ACTIVITY</p> <p>INITIALS/EMP. NO. DATE</p> <p>EB / SN 9/2016</p> <p>EB / SN 09/01/2016</p>	<p>4900 Professional Parkway East, Sarasota, FL 34240-8414 Phone 941-507-6900 • Fax 941-507-6910 Certificate of Authorization #2013 • www.stantec.com</p>	<p>CLIENT: AUTONATION</p> <p>PROJECT: AUTO AUCTION 650 N US HWY 17-92</p>	<p>DATE: 09/01/16</p> <p>HORIZONTAL SCALE:</p> <p>VERTICAL SCALE:</p> <p>SEC: 33 TWP: 20 RISE: 30</p> <p>CROSS REFERENCE FILE NO.:</p> <p>PROJECT NUMBER: 2007106004</p>	<p>TITLE: LANDSCAPE PLAN</p> <p>ERIC BLUCK, RLA FLORIDA LICENSE NO. LA6667176 INDEX NUMBER: LP.03 SHEET NUMBER: 9 OF 12</p>
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LANDSCAPE NOTES

- ALL BASE INFORMATION PROVIDED BY OWNER. CONTRACTOR SHALL FIELD VERIFY ALL INFORMATION PRIOR TO INITIATING PLANTING INSTALLATION.
- CONTRACTOR SHALL NOTIFY ALL PERTINENT UTILITY COMPANIES 48 HOURS MINIMUM PRIOR TO DIGGING FOR VERIFICATION OF ALL UNDERGROUND UTILITIES. PLANS ARE PREPARED ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARING THESE DOCUMENTS.
- THE CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH EXISTING SITE CONDITIONS PRIOR TO BEGINNING INSTALLATION. ALL EXISTING SITE IMPROVEMENTS, PAVING, LANDSCAPE, LIGHTING, AND OTHER SITE ELEMENTS TO REMAIN SHALL BE PROTECTED FROM DAMAGE UNLESS OTHERWISE NOTED.
- UNLESS OTHERWISE NOTED, THE LIMITS OF CONSTRUCTION ARE THE CLEARING LIMITS NOTED ON THE PLANS.
- THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS AND ACTUAL FIELD CONDITIONS TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
- THE CONTRACTOR SHALL COORDINATE ALL WORK WITH RELATED CONTRACTORS AND WITH THE GENERAL CONSTRUCTION OF THE PROJECT IN ORDER TO NOT IMPEDE THE PROGRESS OF WORK OF OTHERS OR THE CONTRACTOR'S OWN WORK.
- CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ALL EXISTING GROUND COVERS FOR ALL NEW PLANTING BEDS BY APPROVED MEANS PRIOR TO PLANTING INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ALL PORTIONS OF EXISTING PLANTING OR LAWN AREAS INDICATED TO REMAIN WHILE COMPLETING NEW PLANTING INSTALLATION WORK WITH SAME KIND OF PLANTS OR GRASS TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL BEAR ALL COST ASSOCIATED WITH SOIL TESTING AND SOIL AMENDMENTS AS REQUIRED AS A RESULT OF THE SOIL TESTING LABORATORY'S RECOMMENDATIONS. PRIOR TO INITIATING INSTALLATION THE CONTRACTOR SHALL PROVIDE SOIL TESTS PER THE SPECIFICATIONS.
- ALL PLANT CONTAINER SIZES NOTED ON THE PLANT LIST ARE MINIMUM. INCREASE SIZE OF CONTAINERS IF NECESSARY TO CONFORM TO THE PLANT SIZE AND SPECIFICATIONS.
- ALL LARGE TREES SHALL HAVE SIX (6) CLEAR TRUNKS UNLESS OTHERWISE NOTED ON THE PLANT LIST. ANY TREE TRUNK WITH A "V" SHAPED CROTCH WILL BE REJECTED. ALL TREE CALIPER (CAL.) SIZES NOTED ON THE PLANT LIST ARE MINIMUM. INCREASE SIZE IF NECESSARY TO CONFORM TO SPECIFIED PLANT SIZE IN THE PLANT LIST.
- EROSION CONTROL FABRIC SHALL BE INSTALLED IN ALL SHRUB AND GROUND COVER PLANTING AREAS AS PER THE DETAILS AND/OR SPECIFICATIONS FOR ALL SLOPES THAT ARE GREATER THAN 3:1 (SLOPES 1' VERTICAL FOR EVERY 3' HORIZONTAL). SEE PLANS FOR LOCATIONS WHERE SLOPES ARE GREATER THAN 3:1.
- SHRUB AND GROUND COVER PLANTINGS ARE TYPICALLY SHOWN ON THE PLANS IN MASS PLANTING BEDS. PLANTS SHALL BE SET IN A TRIANGULAR SPACING PATTERN (STAGGERED SPACING). PLANT CENTER TO CENTER DIMENSIONS (O.C.) ARE INDICATED IN THE PLANT LIST.
- LANDSCAPE CONTRACTOR SHALL FIELD ADJUST THE LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING TREES AND UNDERSTORY VEGETATION TO REMAIN, UNDERGROUND AND ABOVE GROUND UTILITIES AND ALL OTHER ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT PRIOR TO INITIATING ANY CHANGES.
- ANY SUBSTITUTIONS TO PLANT MATERIAL SIZE OR TYPE MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. LANDSCAPE CONTRACTOR SHALL NOT MAKE ANY SUBSTITUTIONS OR ALTERATIONS TO THE LANDSCAPE PLANTING PLANS OR PLANT LIST & MATERIALS WITHOUT THE PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. ANY LANDSCAPE PLANTING INSTALLED THAT DOES NOT CONFORM TO THE PLANS, PLANT LIST AND SPECIFICATIONS SHALL BE REPLACED IMMEDIATELY TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR HAND WATERING AS REQUIRED TO MAINTAIN AND ESTABLISH ALL PLANTING (NEW, EXISTING TO BE RELOCATED, AND EXISTING PLANTINGS TO REMAIN WHILE IRRIGATION SYSTEM IS BEING INSTALLED OR REPAIRED) TO SUPPLEMENT IRRIGATION AND RAINFALL. THE IRRIGATION SYSTEM IS DESIGNED TO MAINTAIN THE LANDSCAPE PLANTINGS AND NOT ESTABLISH THEM. THE CONTRACTOR IS RESPONSIBLE FOR HAND WATERING IN ALL PLANTING AREAS, REGARDLESS OF THE STATUS OF EXISTING OR PROPOSED IRRIGATION SYSTEMS
- CONTRACTOR SHALL CLEAN THE WORK AREAS AT THE END OF EACH WORKING DAY. LANDSCAPE RUBBISH AND DEBRIS SHALL BE COLLECTED AND DEPOSITED OFF-SITE DAILY. ALL MATERIALS, PRODUCTS, AND EQUIPMENT STORED ON-SITE SHALL BE KEPT IN AN ORGANIZED MANNER DAILY.
- CONTRACTOR SHALL RE-GRADE ALL AREAS DISTURBED BY PLANT REMOVAL, RELOCATION, AND/OR FROM INSTALLATION WORK. THE CONTRACTOR SHALL REPLACE BY EQUAL SIZE AND QUALITY ANY AND ALL EXISTING PLANT MATERIAL DISTURBED OR DAMAGED BY PLANTING REMOVAL, RELOCATION, AND/OR INSTALLATION.
- EXISTING TREES OR OTHER PLANT MATERIAL INDICATED ON THE PLANS TO BE RELOCATED SHALL BE HANDLED, CARED FOR, AND MAINTAINED AS NEW PLANTINGS. THE CONTRACTOR IS RESPONSIBLE FOR ANY REQUIRED ROOT PRUNING, WRAPPING, TREE SPADING OR BALL AND BURLAPPING, ADDITIONAL SUPPLEMENTAL HAND WATERING, IRRIGATION MISTERS INSTALLED AT THE TREE CANOPY, OR ANY OTHER SOUND HORTICULTURAL PRACTICE REQUIRED TO ENSURE THE SURVIVAL OF ALL RELOCATED PLANT MATERIAL.
- THE CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, SPECIFICATIONS, PLANT LIST AND PLANS FOR FURTHER AND COMPLETE PLANTING INSTALLATION INSTRUCTIONS.
- LANDSCAPE CONTRACTOR SHALL FULLY FAMILIARIZE HIMSELF / HERSELF WITH THE PROJECT PRIOR TO BIDDING THE WORK.
- FOR SITE GRADING AND CONTOUR INFORMATION, EXISTING VEGETATION TO REMAIN, BUILDINGS AND OTHER SITE FEATURE LOCATIONS AND THE LOCATION OF ALL ABOVE AND BELOW GROUND UTILITIES SEE THE MOST CURRENT AND UP TO DATE ARCHITECTURAL, CIVIL, ELECTRICAL, STRUCTURAL AND MECHANICAL ENGINEERING DRAWINGS AS PROVIDED BY THE OWNER OR OWNER'S REPRESENTATIVE. FIELD LOCATE ALL UNDERGROUND UTILITIES, EXISTING VEGETATION TO REMAIN AND ANY OTHER OBSTRUCTIONS AND COORDINATE WITH OWNER'S REPRESENTATIVE PRIOR TO INITIATING ANY LANDSCAPE PLANTING OR IRRIGATION INSTALLATION WORK. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY DAMAGE COMMITTED TO EXISTING OR PROPOSED ELEMENTS ABOVE OR BELOW GROUND TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER AND OWNER'S REPRESENTATIVE.
- LANDSCAPE CONTRACTOR SHALL FIELD STAKE THE LOCATION OF ALL PLANT MATERIAL AND EDGES OF PLANTING BEDS FOR THE REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INITIATING ANY INSTALLATION OF THE LANDSCAPE PLANTINGS.
- LANDSCAPE CONTRACTOR SHALL COORDINATE WORK WITH THE IRRIGATION CONTRACTOR AND ALL OTHER TRADES AS REQUIRED.
- ALL PLANT MATERIAL LISTED IN THE MASTER PLANTING LIST SHALL CONFORM TO STANDARDS FOR FLORIDA NO. 1 OR BETTER AS STATED IN GRADES AND STANDARDS FOR NURSERY PLANTS, PART 1 AND PART 2, STATE OF FLORIDA DEPARTMENT OF AGRICULTURE, AS MAY BE AMENDED THEREAFTER.
- ALL TREES WHETHER NEW OR EXISTING SHALL HAVE A MINIMUM OF 14' OF CLEARANCE OVER ALL ROADWAYS OR FIRELANES, WHETHER PUBLIC OR PRIVATE TO ALLOW FOR THE UNOBSTRUCTED PASSAGE OF EMERGENCY APPARATUS.

NOTE

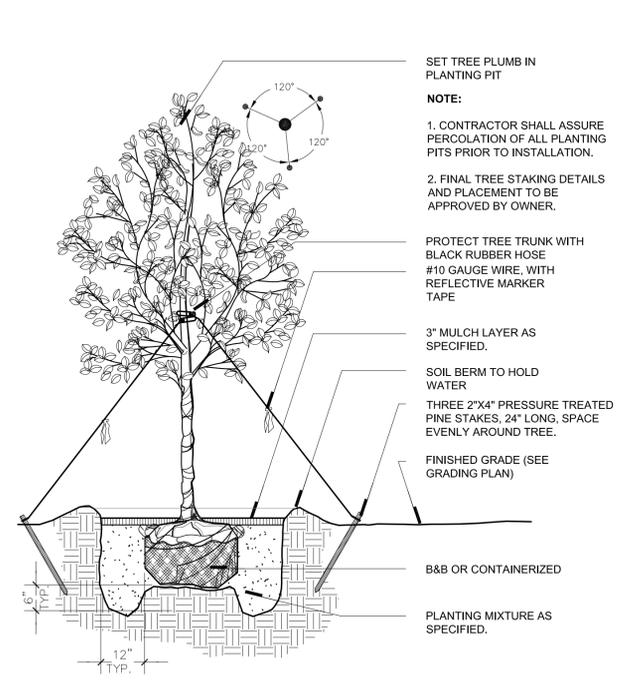
1. ALL LANDSCAPE AREAS TO HAVE AUTOMATIC IRRIGATION SYSTEM WITH RAIN SHUT OFF, PROVIDING 100% HEAD TO HEAD COVERAGE PER ALL APPLICABLE CODES, LAWS AND ORDINANCES, TYPICAL

PLANT LIST

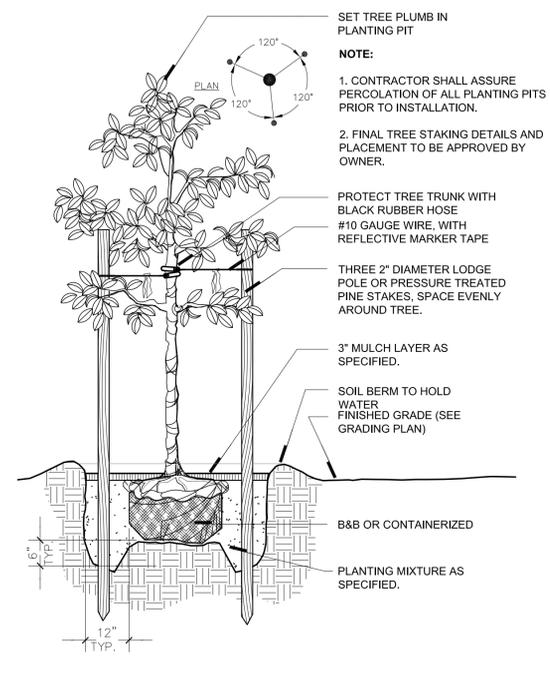
Auto Auction Master Plant List

PLANT LIST:	6-Sep-16			Stantec P&LA.
Key	Botanical Name	Common Name	Size/Root Ball/Container	Comments
Sab pal	PALMS / CYCADS / BAMBOO: Sabal palmetto	Sabal Palm	See Plans for Heights / B&B	Full, 16' C.T. and under are booted straight trucks / over 16' C.T. are to be smooth trunks void of chain or burn marks
Eri jap	ACCENT TREES: Eriobotrya japonica	Loquat	12' hgt x 10' spd. / 65 Gal. Cont.	Full / single straight trunk / 3' Cal. Min.
Lag ind-M	Lagerstroemia indica 'Muskogee'	Pink Crape Myrtle	12' hgt. X 7' spd. / 65 Gal. Cont.	Full / multi-trunk / 4 trunks min. / 3' Cal. Min.
Lag ind-T	Lagerstroemia indica 'Tuscarora'	Magenta Crape Myrtle	12' hgt. X 7' spd. / 65 Gal. Cont.	Full / multi-trunk / 4 trunks min. / 3' Cal. Min.
Lig jap-2	Ligustrum japonicum	Tree Ligustrum	12' hgt. X 10' spd. / B&B	Full / multi-trunk / 4 trunks min. / tree form / 4' Cal. Min.
Mag gra	CANOPY TREES: Magnolia grandiflora	D.D. Blanchard	12'- 14' hgt. X 5' spd. / 100 Gal. Cont.	Full / single straight trunk / 3-1/2' Cal. Min. / Fully Branched
Que vir	D.D. Blanchard Quercus virginiana 'SDLN pp12015 Cathedral'	Southern Magnolia Cathedral Live Oak	14' hgt. X 8' spd. / 100 Gal. Cont.	Full / single straight trunk / 3-1/2' Cal. Min. / 6' C.T.
Tax dis	Taxodium distichum	Bald Cypress	12'-14' hgt. X 5' spd. / 65 Gal. Cont.	Full / single straight trunk / 3-1/2' Cal.Min. / Fully branched
Ulm par	Ulmus parvifolia	Drake Elm	12' hgt. X 5' spd. / 100 Gal. Cont.	Full / single straight trunk / 3-1/2' Cal.Min. / Fully branched
Jun chi-H	EVERGREEN: Juniperus chinensis 'Hetzii'	Hetzii Juniper	4' O.A. / 15 Gal. Cont.	Full / single straight trunk / Plant as shown
Lig jap-1	Ligustrum japonicum	Tree Ligustrum	4'-5' hgt. X 4' spd. / 15 Gal. Cont.	Full / multi-trunk / 4 trunks min. / tree form / 3' Cal. Min. / Plant as shown
Pod mac-M	Podocarpus macrophyllus	Japanese Yew	4'-6' hgt. X 2' spd. / 15 Gal. Cont.	Full to Ground / Plant as shown
Ann	GROUNDCOVERS: Annuals	To be selected by Owner	4" pot	Full / 10" O.C.
Ile vom-SD	Ilex vomitoria 'Stokes Dwarf'	Stokes Dwarf Yaupon	20" O.A. / 3 Gal. Cont.	Full / Plant 24" O.C.
Jun chi-P	Juniperus chinensis 'Parsonii'	Parsonii Juniper	12" hgt. X 20" spd. / 3 Gal. Cont.	Full / Plant 36" O.C.
Rap ind	Raphiolepis indica 'Alba'	Indian Hawthorn	12" hgt. x 18" spd. / 3 Gal. Cont.	Full / Plant 30" O.C.
Tra jas	Trachelospermum jasminoides	Confederate Jasmine	26" runners / 3 Gal. Cont.	Full / 5 runners min. / 24" O.C.
Vib obo-D	Viburnum obovatum 'Mrs. Shillers Delight'	Dwarf Walters Viburnum	20" O.A. / 3 Gal. Cont.	Full to Ground / Plant 24" O.C.
Ham pat	MEDIUM SHRUBS & VINES: Hamamelis patens 'Firefly'	Dwarf Firebush 'Firefly'	24" O.A. / 3 Gal. Cont.	Full / Plant 30" O.C.
Pod mac	TALL SHRUBS: Podocarpus macrophyllus	Japanese Yew	24" hgt. x 12" spd. / 3 Gal. Cont.	Full to Ground / Plant 30" O.C.
Rho for	Rhododendron sp. 'Lavender Formosa'	Lavender Formosa Azalea	24" O.A. / 3 Gal. Cont.	Full / Plant as shown or 36" O.C.
Vib sus	Viburnum suspensum	Sandankwa Viburnum	24" O.A. / 3 Gal. Cont.	Full to Ground / Plant as shown or 36" O.C.
Mul cap	GRASSES & AQUATICS: Muhlenbergia capillaris	Pink Muhly Grass	24" O.A. / 3 Gal. Cont.	Full clump / 24" O.C.
Ste sec	TURF GRASSES Stenotaphrum secundatum 'Palmetto'	St. Augustine Palmetto Sod	Full / Solid Sod	Quantity in Square Feet
Pas not	Paspalum notatum 'Argentine'	Bahiagrass Sod	Full / Solid Sod	Quantity in Square Feet
	Abbreviations:			NOTES:
	B & B = Ball and Burlapped	Cont. = Container Grown	spd. = Spread	1. Not all plants listed on the Plant List have been used in the Landscape Plan.
	Cal. min. = Caliper minimum	hgt. = Height		Plants are listed in the Plant List for reference only.
	C.T. = Clear Trunk	O.A. = Overall		Provide Unit Price for all listed plants on the Plant List
	Dia. = Diameter	ppp = Plants per Pot		2. All trees to be sand grown and are not to contain clay root balls.
				3. All shrub & groundcover beds and tree pits to receive a 2" min. layer of mulch
				4. All plant material listed in the master plant list shall conform to standards for Florida No. 1 or better as stated in Grades and Standards for Nursery Plants, Part 1 and part 2, State of Florida Department of Agriculture, as may be amended thereafter.
				5. Contractor to provide height, spread and caliper as indicated on the Master Plant List. If unavailable in the listed container size, increase size of container or provide B&B.

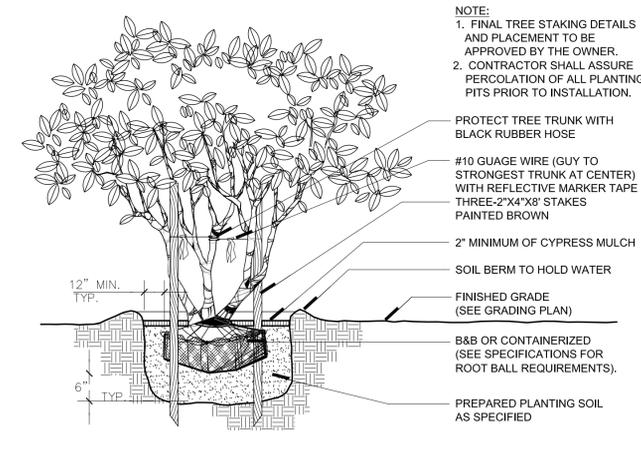
ACTIVITY	INITIALS/EMP. NO.	DATE	 <p>6900 Professional Parkway East, Sarasota, FL 34240-8414 Phone 941-907-4900 • Fax 941-907-4910 Certificate of Authorization #27013 • www.stantec.com</p>	The Contractor shall verify and be responsible for all dimensions. DO NOT locate the drawing, any areas or dimensions shall be reported to Stantec, without delay. The Copyrights 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:	DATE:	TITLE:	ERIC BUCK, P&LA FLORIDA LICENSE NO. LA6867178 INDEX NUMBER: LD.00 SHEET NUMBER: 11 of 12
DESIGNED BY:	EB / SN	9/2016			AUTONATION	09/01/16	LANDSCAPE NOTES	
DRAWN BY:	EB / SN	09/01/2016			PROJECT:	VERTICAL SCALE:		
CHECKED BY:						AUTO AUCTION		
CONTRACT ADMIN. BY:			650 N US HWY 17-92	33 20 30	CROSS REFERENCE FILE NO.:	PROJECT NUMBER:	2007106004	
WM APPROVED BY:								



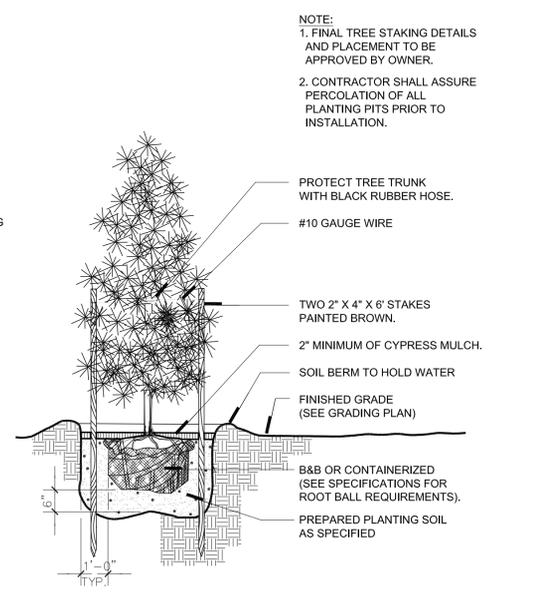
1 LARGE TREE PLANTING SCALE: NTS



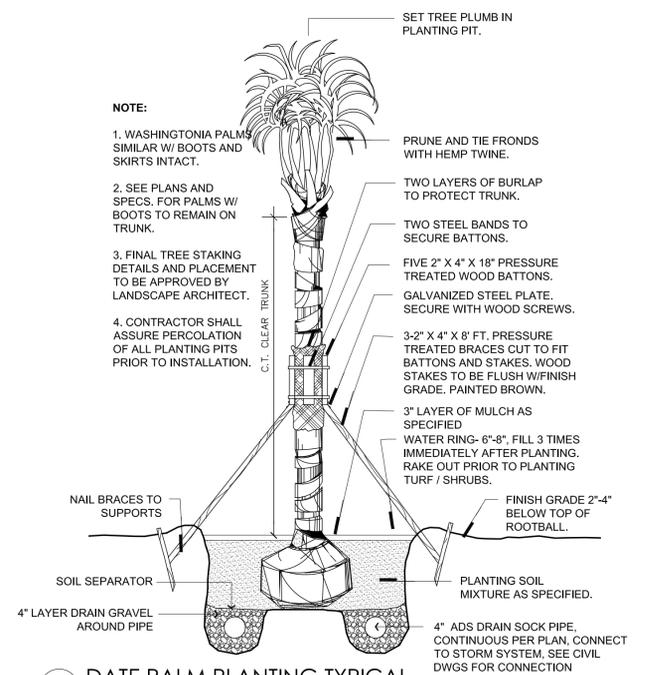
2 SMALL TREE PLANTING SCALE: NTS



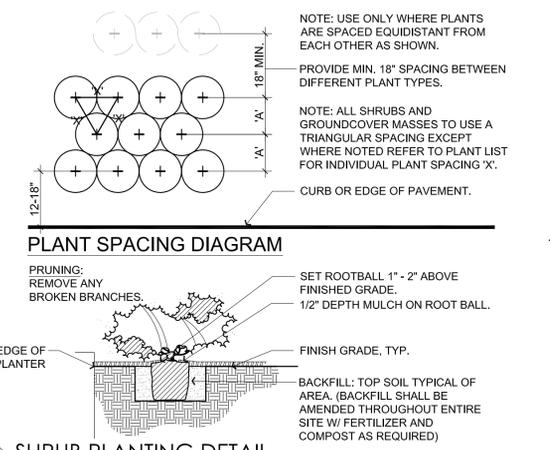
3 MULTI TRUNK TREE PLANTING SCALE: NTS



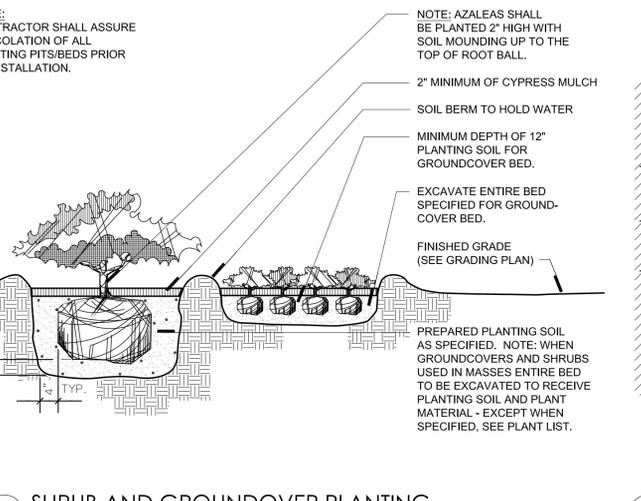
4 EVERGREEN TREE PLANTING SCALE: NTS



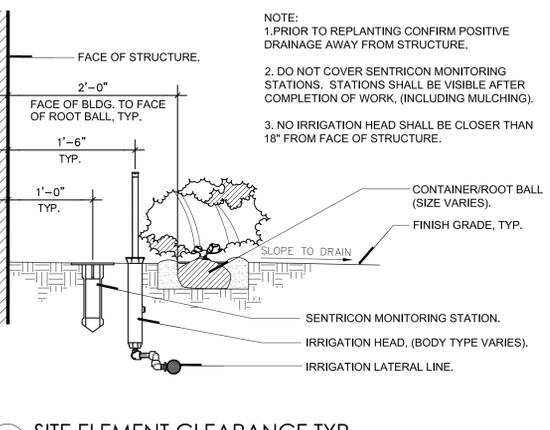
5 DATE PALM PLANTING TYPICAL SCALE: NTS



6 SHRUB PLANTING DETAIL SCALE: NTS



7 SHRUB AND GROUNDCOVER PLANTING SCALE: NTS



8 SITE ELEMENT CLEARANCE TYP. SCALE: NTS