

TREE PROTECTION DETAIL

INSTALLATION NOTES

Around an area at or greater than a six-foot radius
 of all species of mangroves and protected Sabal Palms

2) Around an area at or greater than the full dripline of all protected native pines.

3) Around an area at or greater than two-thirds of the dripline of all other protected species.

TOTAL SITE =+/- 7.04ACRES (PARCEL 'G' EAST) APPLICABLE SECTIONS OF ZONING RESOLUTION: 2016-05 APPLY TO THIS DEVELOPMENT ORDER.

OPEN SPACE REQUIREMENTS (PARCEL G EAST)

OPEN SPACE REQUIRED PER MCP = 10% $306,662 \times 10\% = 30,666 \text{ SF REQUIRED}.$ OPEN SPACE (PER HATCHING)= 112,172 SF (>40%) REFER TO ENGINEERING PLANS FOR OPEN SPACE REQUIREMENTS

INDIGENOUS OPEN SPACE REQUIREMENTS NOT APPLICABLE

HERITAGE TREES

NO HERITAGE TREES EXIST ON THE SITE

GENERAL TREE CREDITS NO TREE CREDITS TAKEN

GENERAL TREE REQUIREMENTS (PARCEL G EAST) 1 TREE PER 3000 SF OF SITE

306,662/ 3500= 88 TREES REQUIRED AND PROVIDED. NOTE: 16' TREES MAY BE USED AT A 2:1 CREDIT FOR GENERAL TREES. GENERAL TREE REQUIREMENTS MAY NOT BE REDUCED MORE THE 50%. A MAXIMUM OF 20 -16' TREES MAY BE USED AT 2:1 CREDIT TOWARDS GENERAL TREES (CREDIT TREES, IF ANY, DEPICTED IN PLANT LIST)

INTERNAL PARKING LANDSCAPE REQUIREMENTS

INTERNAL LANDSCAPE AREAS OF 10% OF THE PARKING AREA IS REQUIRED =49,895 SF X 10% =4,990 SF MINIMUM REQUIRED AND 9,100 SF PROVIDED, PER HATCHING

1 TREE PER 250 SF. = 20 TREES REQUIRED AND PROVIDED NO MORE THAN 10% OF PLANTING AREA TO BE IN TURF. APPROXIMATELY 500 SHRUBS or GROUNDCOVERS ARE PROVIDED.

WATER MANAGEMENT PLANTING REQUIREMENTS

PER SECTION 33-111(d) OF SUBDIVISION 1 OF ESTERO PLANNING COMMUNITY REGULATIONS:

DETENTION BASINS MUST BE PLANTED WITH WETLAND SPECIES AT 36" OC THROUGHOUT THE BASIN.

BUILDING PERIMETER PLANTING REQUIREMENTS

71,327 SF. BLDG X 10% =7,132 SF OF BUILDING PERIMETER PLANTING REQUIRED AND 16,978 PROVIDED PER HATCHING.

BUFFER REQUIREMENTS:

PROJECT SOUTH BUFFER CPD TO R.O.W.

20' MINIMUM WIDTH, TYPE 'D' BUFFER NO BUFFER REQUIRED WITH 5 TREES, 66 SHRUBS PER 100 LINEAL FOOT.

484 LF. / 100 X 5 = 24 TREES REQUIRED AND PROVIDED. 484 LF / 3 X 2 = 323 SHRUBS REQUIRED AND PROVIDED.

PROJECT WEST BUFFER CPD TO CPD INTERNAL TO THE SITE TO R.O.W. NO BUFFER REQUIRED

PROJECT NORTH BUFFER CPD TO WATER MANAGEMENT

PROJECT EAST BUFFER CPD TO WATER MANAGEMENT NO BUFFER REQUIRED

DETENTION AREA PLANTING 21,780 SF / 9 = 2,420 DETENTION PLANTINGS REQUIRED AND PROVIDED



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PROJECT INFORMATION:

L.A. LICENSE: LC COOO063

Phoenix at Estero Medical Center

(PLAZA DEL SOL PARCEL G) VILLAGES OF ESTERO, FLORIDA

PREPARED FOR:

Banks Engineering 10511 Six MIle Cypress Pkwy Fort Myers, Florida 33966

CONSULTANT

DESIGN PROFESSIONAL:

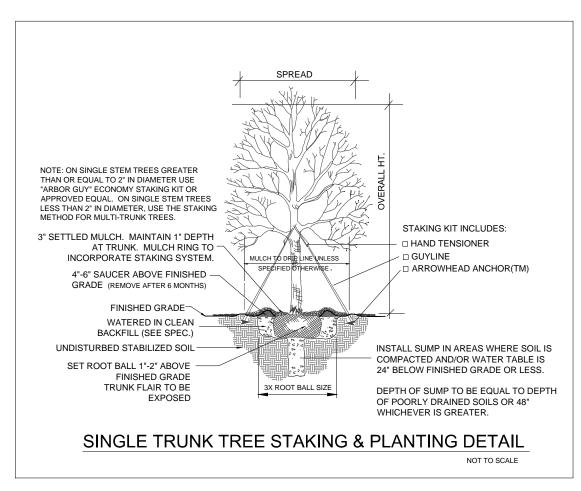
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	FILE NAME:	PHOENIX ESTERO LS
	DESIGNER:	GJD
	CAD TECH:	GJD
	CHECKED BY:	GJD
	JOOUED FOR	

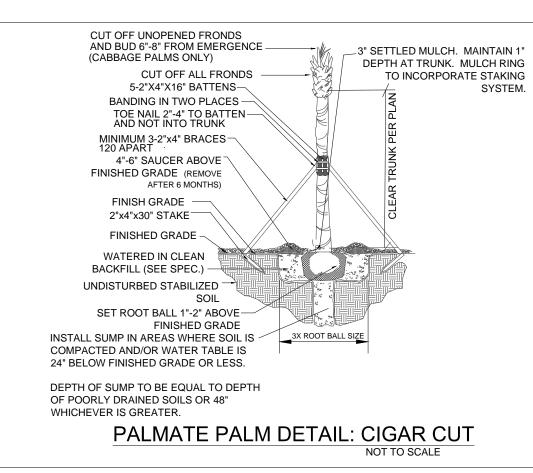
ZONING REVIEW

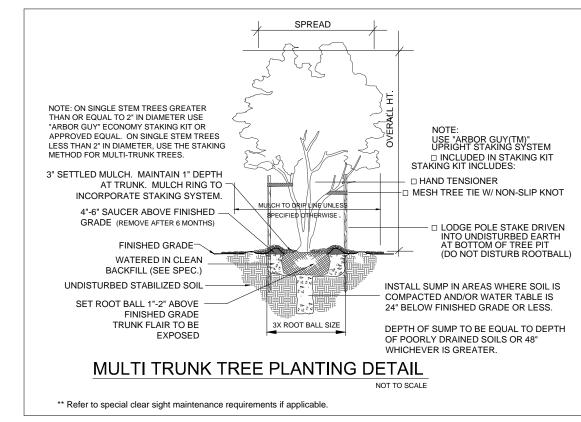
ISSUED DATE: SEPT. 29, 2017 JAN 17, 2018 ZONING REVIEW

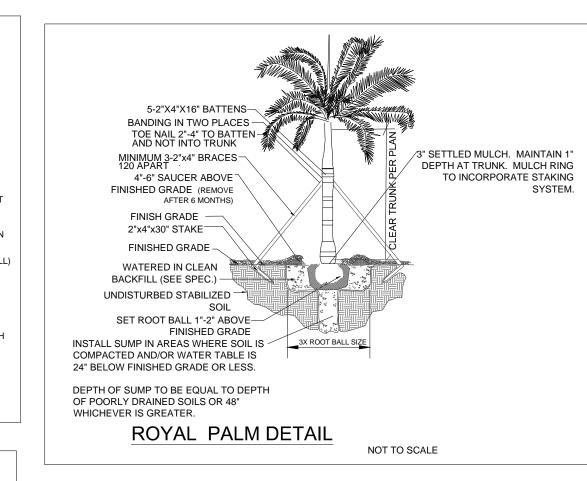
SITE LANDSCAPE DATA

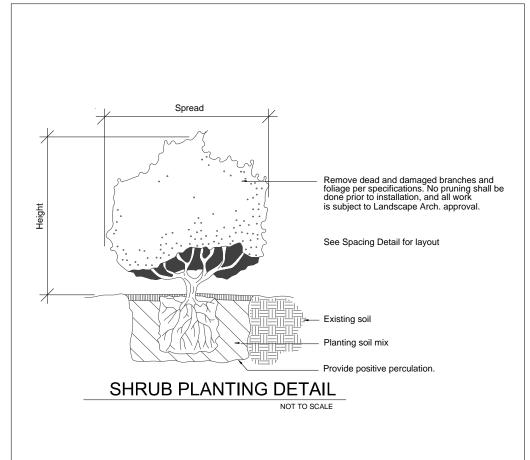


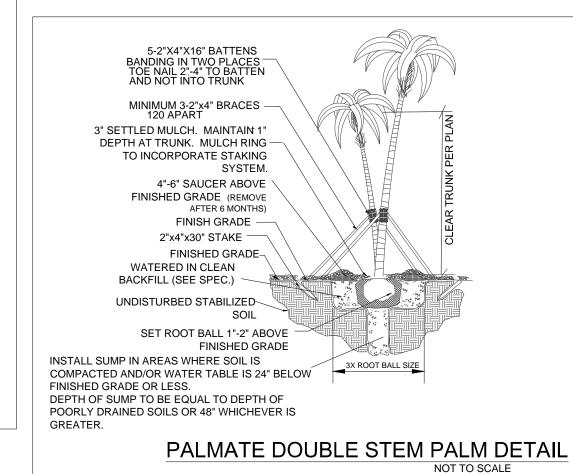


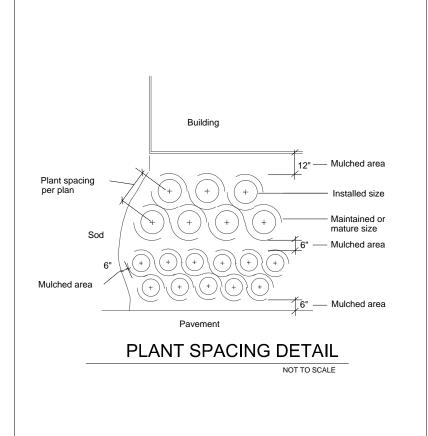


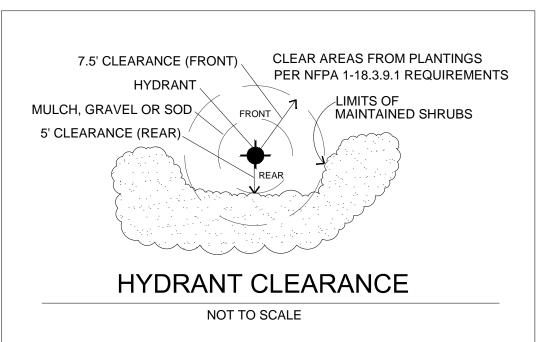












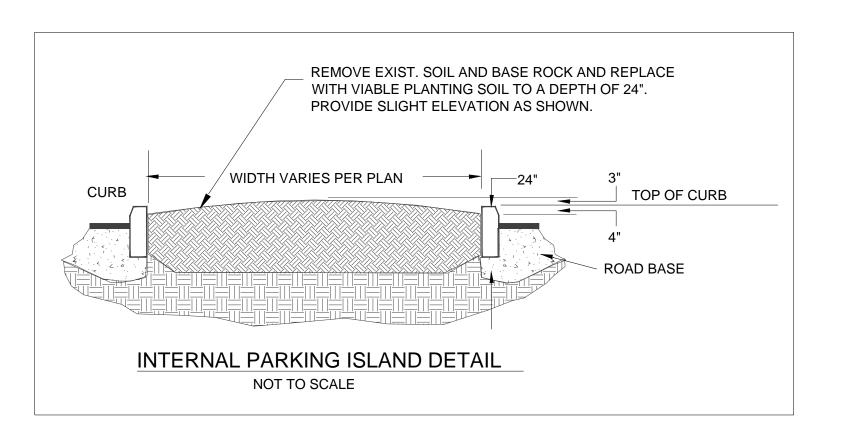
PLANT LIST

TOTAL CODE	BOTANICAL NAME	COMMON NAME	PLANT SIZE			CODE SHEET		TOTAL
QUANTITY	TREES			NATIVE	COLD TOL.	L3	L4	QUANTITY
	Pinus elliottii	Slash Pine	12'-14' ht. 3.5" cal. 6' spr. 45 gallon	Yes	Yes			
	Quercus virginiana	Live Oak	12'-14' ht. 3.5" cal. 6' spr. 45 gallon	Yes	Yes	31	6	37
	Taxodium distichum	Bald Cypress	12'-14' ht. 3.5" cal. 6' spr. 45 gallon	Yes	Yes	17	12	29
	Bucida bucerus	Black Olive	12'-14' ht. 3.5" cal. 6' spr. 45 gallon	No	Yes	4	6	10
	Acer rubrum	Red Maple	12'-14' ht. 3.5" cal. 6' spr. 45 gallon	No	Yes	4	4	8
	Delonix regia	Royal Poinciana	12'-14' ht. 3.5" cal. 6' spr. 45 gallon	No	Yes	6	2	8
	Conocarpus erectus	Green Buttonwood	12'-14' ht. 3.5" cal. 6' spr. 45 gallon	Yes	Yes	6		6
	ACCENT TREES/PALMS							
	Ligustrum japonicum	Ligustrum	6'-8' ht multi-stem full	No	Yes	8		8
	Tabebuia	Silver Tabebuia	10' ht. 2" cal. 30 gallon	No	Yes	4		4
	llex attenuata EP	East Palatka Holly	12'-14' ht. 3.5" cal. 6' spr. 45 gallon	Yes	Yes	19		19
		,						
	PALMS					12.0		12.0
	Sabal palmetto	Cabbage Palm	12'-18' cleartrunk, 4' stagger	Yes	Yes	31	30	61
	Roystonea regia	Royal Palm	12' cleartrunk	Yes	Yes	22		22
	Veitchia montgomeryana	Montgomery Palm	10'-14' ht double	No	Yes	12		12
	SHRUBS							
	Viburnum suspensum Sandankwa	Viburnum	24" ht. 3 gallon	No	Yes	316	50	366
	Chrysobalanus icaco 'Red Tip'	Cocoplum	24" ht. 3 gallon	Yes	Yes	186	59	245
	Hamelia patens	Firebush	24" ht. 3 gallon	Yes	Yes	53		53
	lx ora sp.	Maui Ixora	24" ht. 3 gallon	No	Yes	107	93	200
	Schefflera arboricola	Arbicola	24" ht. 3 gallon	No	Yes	57	40	97
	Schefflera arboricola Trinette	Varigated Arbicola	24" ht. 3 gallon	No	Yes	25	61	86
	Strelizia regina	Bird of Paradise	18"-24" ht 3 gallon	No	Yes	14		14
	GROUNDCOVERS		PLANT SIZE					
	Dianella ensifolia	Flax Lily	1 gallon	No	Yes	372		372
	Muhlenbergia capillaris	Muhly Grass	1 gallon	Yes	Yes	40		40
	Tripsacum floricadanum	Dwarf Fakahatchee Grass	18" ht. 1 gallon	Yes	Yes	154		154
	Spartina bakerii	Cord Grass	1 gallon	Yes	Yes	1520	900	2420
	Ficus microcarpa	Green Island Ficus	12"-14" HT 1 Gallon	No	Yes	129	18	147
	MISC.							
	Floritam Sod	Per Plan	SQ. FT.					
	Bahia Sod	Per Plan	SQ. FT.					
	Pine Straw Mulch	Per Plan	SQ. YD.					
 PLANT LIST IS FOR	REFERENCE ONLY. PLAN SUPERCEDE	S PLANT LIST. REFER TO FINAL CO	INSTRUCTION DOCUMENTS					
				DELICED AC DI	III DINC			
PERIMETER PLANT		AKE NUT CONSIDERED AS GENER	RAL, PARKING OR BUFFER TREES. THEY A	KE OSED AS BU	IILDING			
ENIMIETER PLAINT	INUS.							

PLANT LABEL KEY

3 LIVE OAK = CODE REQUIRED PLANTINGS

21 DWARF FIREBUSH = ABOVE CODE PLANTINGS



GENERAL LANDSCAPE NOTES

- THE QUALITY OF ALL PLANT MATERIAL WILL MEET THE STANDARDS FOR FLORIDA GRADE NO.1 (or better), AS GOVERNED IN "GRADES AND STANDARDS FOR NURSERY PLANTS".
- 2. ALL PLANTED TREES AND PALMS WILL HAVE A 3" DEEP SAUCER CONSTRUCTED FROM THE TRUNK OF THE TREE OR PALM. MINIMUM OF 4' DIAMETER.
- 3. ALL PLANTING BEDS SHALL BE COVERED WITH A 3" MINIMUM DEPTH OF MULCH AND SHALL BE WEED FREE. MULCH SHALL BE GRADE B OR BETTER. CONTRACTOR SHALL REMOVE ANY VEGETATIVE GROWTH AND APPLY A PRE-EMERGENT WEED KILLER PER SPECIFICATIONS PRIOR TO MULCHING.
- 4. NO CODE REQUIRED PLANTINGS SHALL BE INSTALLED IN EASEMENTS. ABOVE CODE PLANTINGS SHALL BE REPLACED AT THE OPTION AND COST OF DEVELOPER SHOULD FUTURE UTILITY WORK REQUIRE REMOVAL.
- 5. ANY AND ALL EXOTIC VEGETATION INCLUDING:
 EARLEAF ACACIA, WOMAN'S TONGUE,
 BISHOPWOOD, AUSTRAILIAN PINE,
 CARROTWOOD, ROSEWOOD, AIR POTATO,
 MURRAY RED GUM, WEEPING FIG, CUBAN LAUREL
 FIG, JAPANESE CLIMBING FERN, OLD WORD
 CLIMBING FERN, MELALEUCA, DOWNY ROSE
 MYRTLE, CHINESE TALLOW, BRAZILLIAN PEPPER,
 FLORIDA HOLLY, TROPICAL SODA APPLE, JAVA
 PLUM, ROSE APPLE, CORK TREE AND WEDELIA,
 ON THE PROPERTY SHALL BE COMPLETELY
 REMOVED AND DISPOSED OF OFF SITE BY THE
 CONTRACTOR. THE SITE SHALL BE MAINTAINED
 FREE OF INVASIVE EXOTIC VEGETATION IN
 PERPETUITY.
- TREES SHALL BE A MINIMUM OF 12'-14' IN HEIGHT WITH A 3" CALIPER MEASURED AT 1' ABOVE GROUND LEVEL WITH A SIX FOOT CANOPY UNLESS SPECIFIED AS 20' TALL TREES PER PLAN AND PLANT LIST.
- 7. A MINIMUM OF 100% OF THE CODE BUFFER TREES AND SHRUBS SHALL BE OF A NATIVE SPECIES.
- 8. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THE LOCATIONS OF ALL UTILITIES AND ALL SITE CONDITIONS PRIOR TO THE START OF LANDSCAPE INSTALLATION.
- 9. FERTILIZER SHALL BE IN ACCORDANCE WITH SPECIFICATIONS AND VILLAGES OF ESTERO OR LOCAL ORDINANCES
- 10. IT SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO FINE GRADE ALL PLANTING AND SODDING AREAS PRIOR TO PLANT OR SOD INSTALLATION. CONTRACTOR SHALL OBTAIN OWNER APPROVAL OF FINAL GRADES.
- 11. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE TAKEOFFS. PLANT LIST IS PROVIDED FOR REFERENCE ONLY.
- 12. CONTRACTOR SHALL BE RESPONSIBLE FOR LANDSCAPE MAINTENANCE UNTIL FINAL ACCEPTANCE AND IN COMPLIANCE WITH SPECIFICATIONS.
- 13. CONTRACTOR SHALL REMOVE ALL TAGS, TAPE AND SUPPORTS (EXCEPT STAKING GUYS) FROM ALL PLANTINGS PRIOR TO FINAL ACCEPTANCE.
- 14. ALL AREAS OF THE SITE NOT PLANTED SHALL BE SODDED IN ACCORDANCE WITH PLANS. REFER TO ENGINEERING PLANS FOR ADDITIONAL SPECIFICATIONS.
- 15. THE REQUIRED PLANTINGS SHALL BE IRRIGATED IN ACCORDANCE WITH LDC REQUIREMENTS. REFER TO CONSTRUCTION DOCUMENTS FOR COMPLETE IRRIGATION PLANS.
- 16. THE PARKING LOTS SHALL BE SLEEVED FOR IRRIGATION BY THE LANDSCAPE CONTRACTOR. COORDINATE WITH CIVIL ENGINEERING PLANS.
- 17, ALL BASE ROCK SHALL BE REMOVED FROM LANDSCAPE PARKING ISLANDS.
- 18. PRIOR TO CERTIFICATE OF COMPLIANCE NO TREES SHALL BE PLANTED WHERE THEY INTERFERE WITH BUILDINGS, UTILITIES, SITE DRAINAGE, VIEWS, SIGNS, OR WHERE THEY WILL REQUIRE FREQUENT PRUNING TO AVOID POWER LINES AT MATURE HEIGHTS IN PERPETUITY UNLESS A WRITTEN STATEMENT IS PROVIDED PER LDC SEC.10-421.A.5.
- 19. THE CONTRACTOR SHALL PROVIDE (PRESSURE COMPENSATING SCREENS) AS NECESSARY TO REDUCE OR ELIMINATE OVERSPRAY INTO STREETS, WALKS OR OTHER AREAS AS DICTATED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
- 20. PLANS PREPARED FOR DEVELOPMENT ORDER APPROVAL. REFER TO ADDITIONAL LANDSCAPE CONSTRUCTION DOCUMENTS FOR COURTYARD PLANTINGS.

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PROJECT INFORMATION:

Phoenix at Estero Medical Center

(PLAZA DEL SOL PARCEL G) VILLAGES OF ESTERO, FLORIDA

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CONSULTANT:

DESIGN PROFESSIONAL:

GREGORY J. DISERIO, RLA

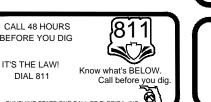
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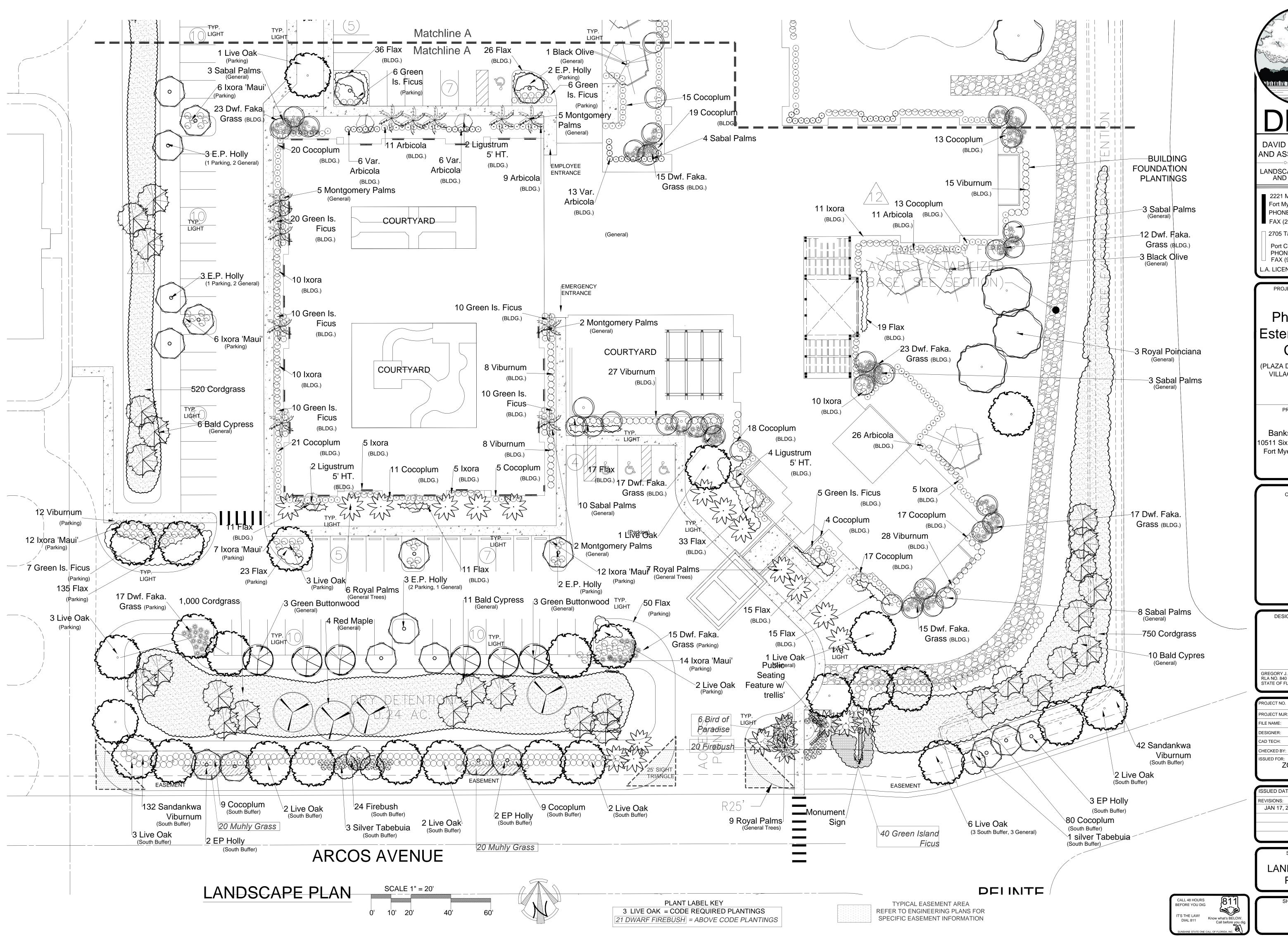
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ISSUED FOR: ZONING REVIEW		

ISSUED DATE: SEPT. 29, 2017
REVISIONS:
JAN 17, 2018 ZONING REVIEW

SHEET TITLE:

LANDSCAPE PLAN





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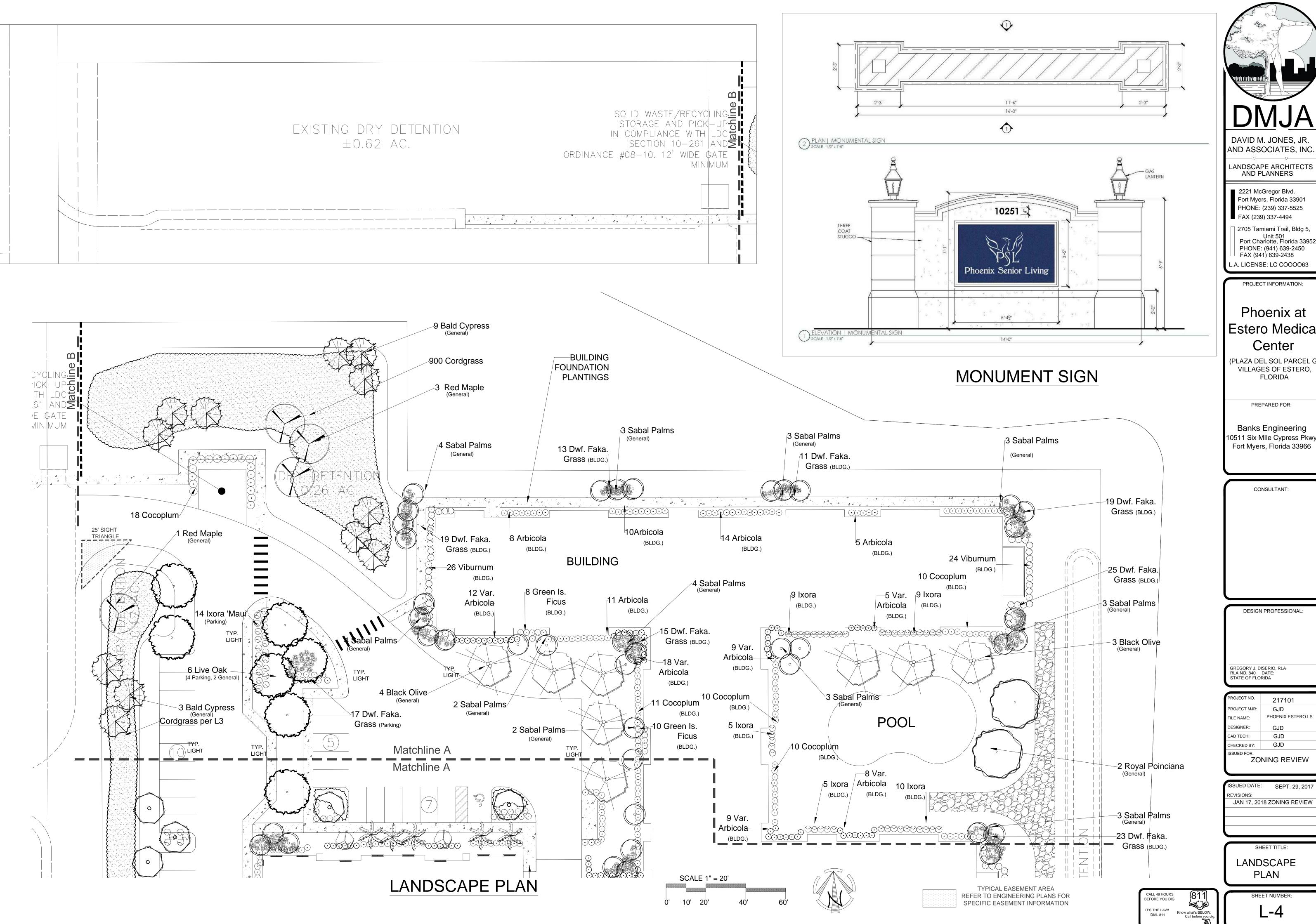
GREGORY J. DISERIO, RLA RLA NO. 840 DATE: STATE OF FLORIDA

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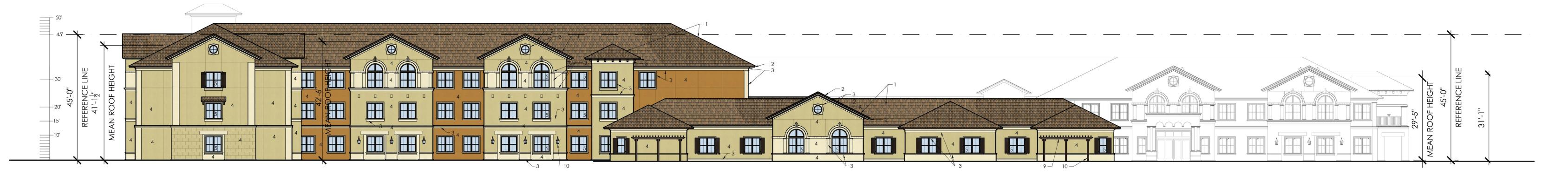
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4 ELEVATION | NORTH SCALE 1/16": 1'-0"







EXTERIOR FINISH MATERIALS: