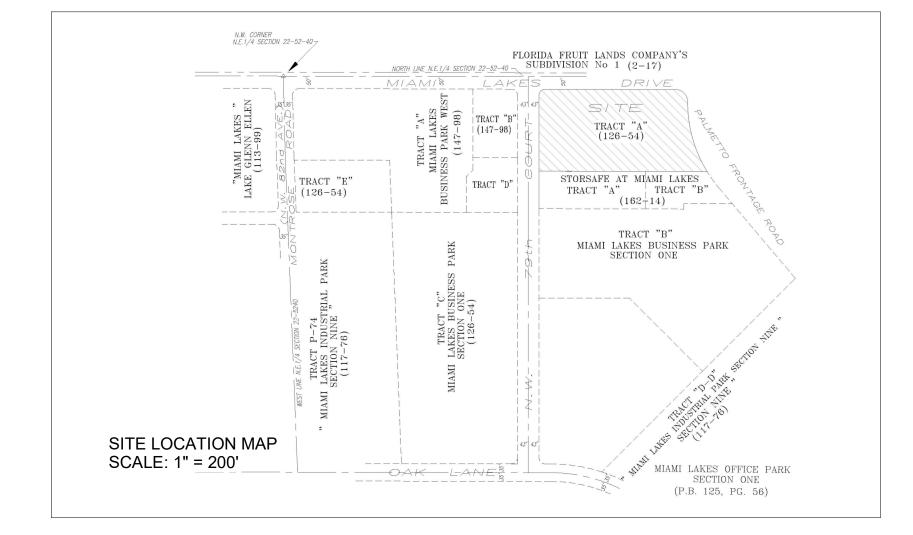
# KISLAK OFFICE BUILDING

7900 NW 154TH ST. MIAMI LAKES, FL 33016



SITE APPROVAL SET 05/15/2020

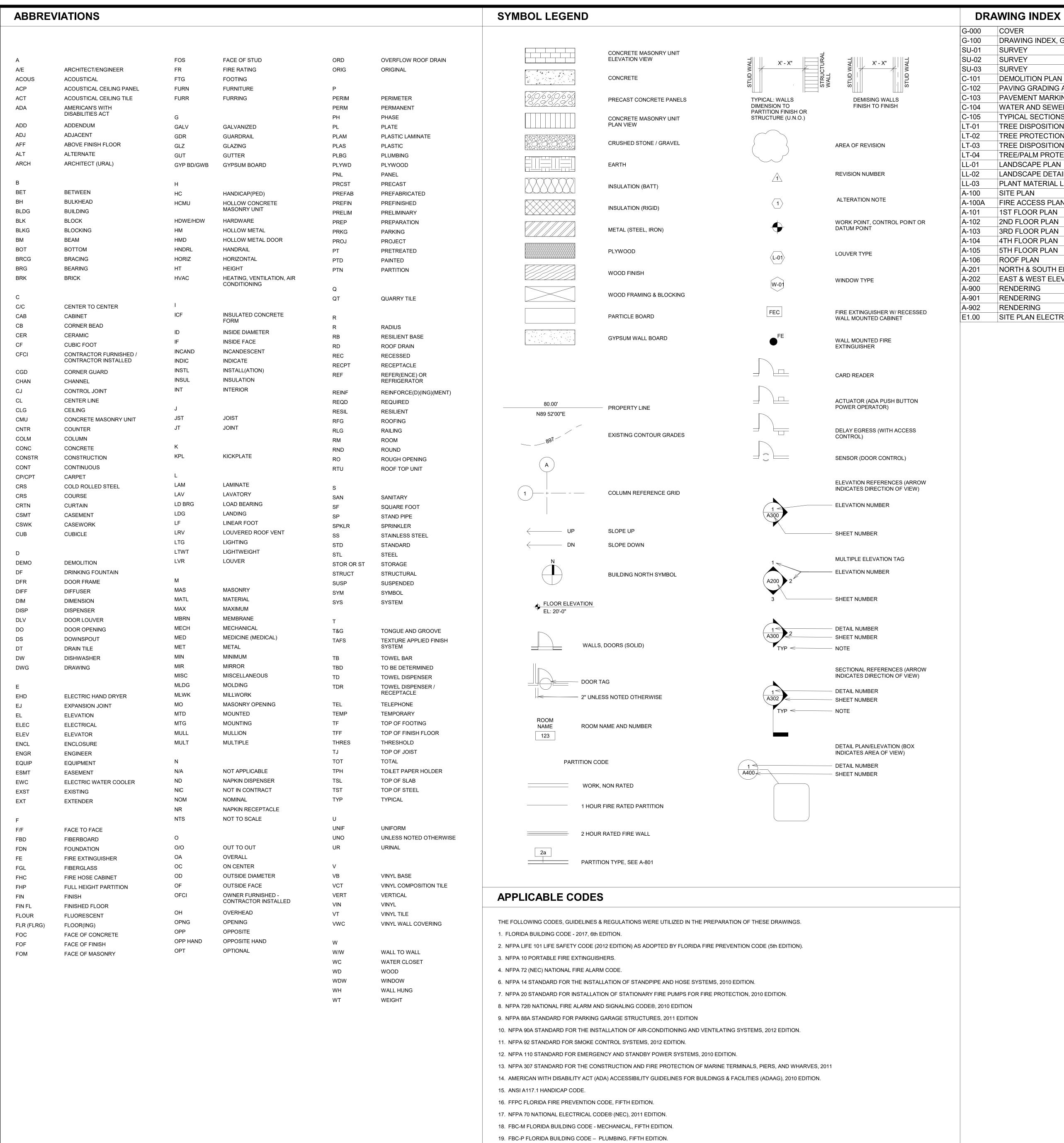












G-000 DRAWING INDEX, GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS SURVEY SU-02 SURVEY SU-03 SURVEY C-101 DEMOLITION PLAN PAVING GRADING AND DRAINAGE C-103 PAVEMENT MARKING AND SIGNAGE C-104 WATER AND SEWER TYPICAL SECTIONS LT-01 TREE DISPOSITION PLAN LT-02 TREE PROTECTION PLAN AND NOTES LT-03 TREE DISPOSITION TABLE LT-04 TREE/PALM PROTECTION AND RELOCATION SPECS LANDSCAPE PLAN LANDSCAPE DETAILS AND NOTES LL-03 PLANT MATERIAL LIST AND LANDSCAPE LEGEND A-100 SITE PLAN A-100A FIRE ACCESS PLAN 1ST FLOOR PLAN 2ND FLOOR PLAN 3RD FLOOR PLAN A-104 4TH FLOOR PLAN 5TH FLOOR PLAN ROOF PLAN NORTH & SOUTH ELEV EAST & WEST ELEV A-900 RENDERING RENDERING RENDERING

SITE PLAN ELECTRICAL

ARCHITECTURE, LANDSCAPE **ARCHITECTURE** 

Bermello Ajamil & Partners

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# KISLAK OFFICE BUILDING

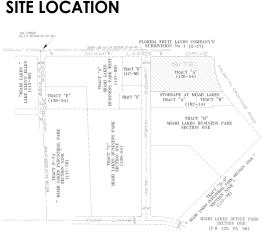
7900 NW 154 STREET, MIAMI LAKES, FL, 33016

SITE APP**ROVAL** SET

**REVISIONS:** 

2 DRC COMMENTS 5/15/20

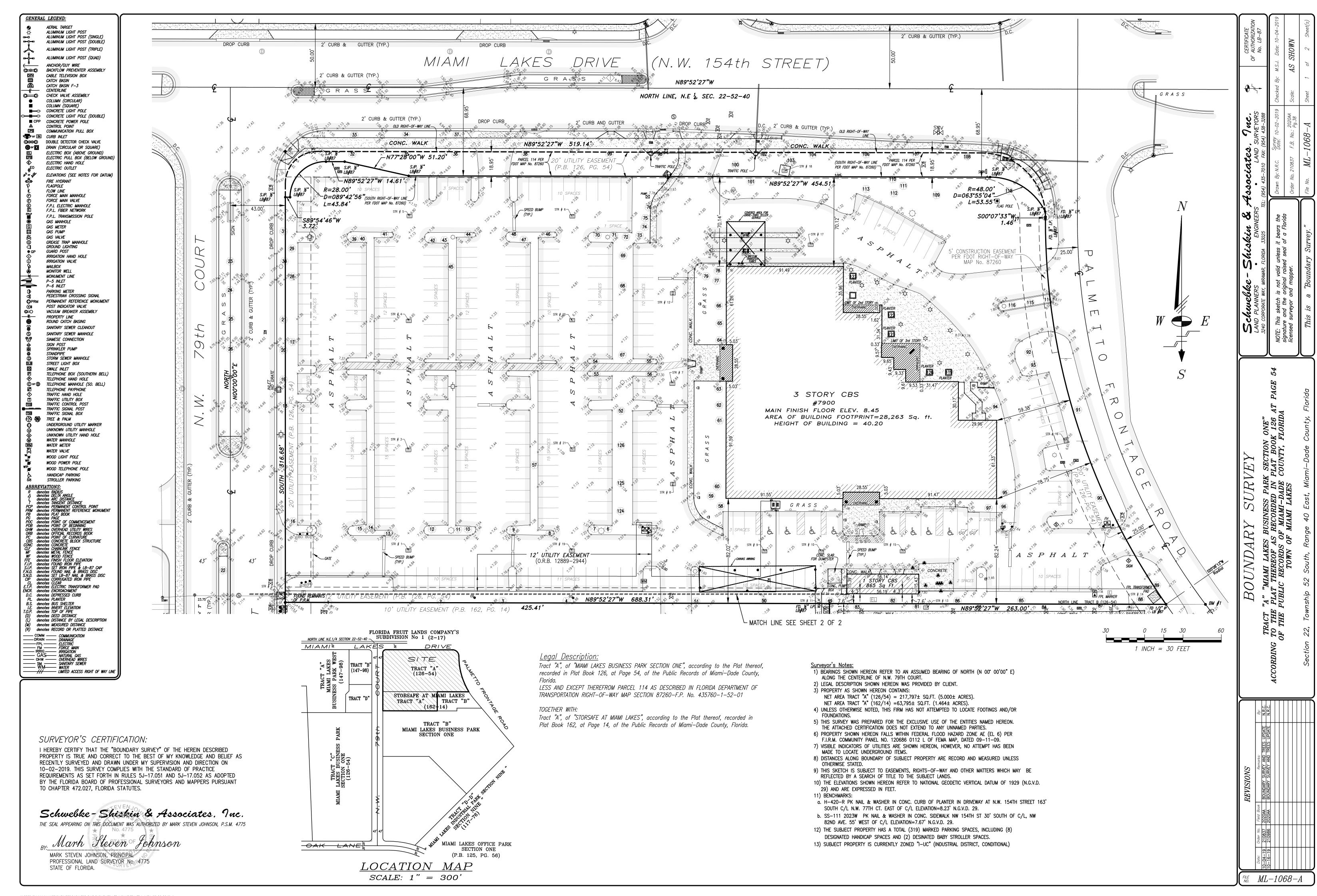
SITE LOCATION

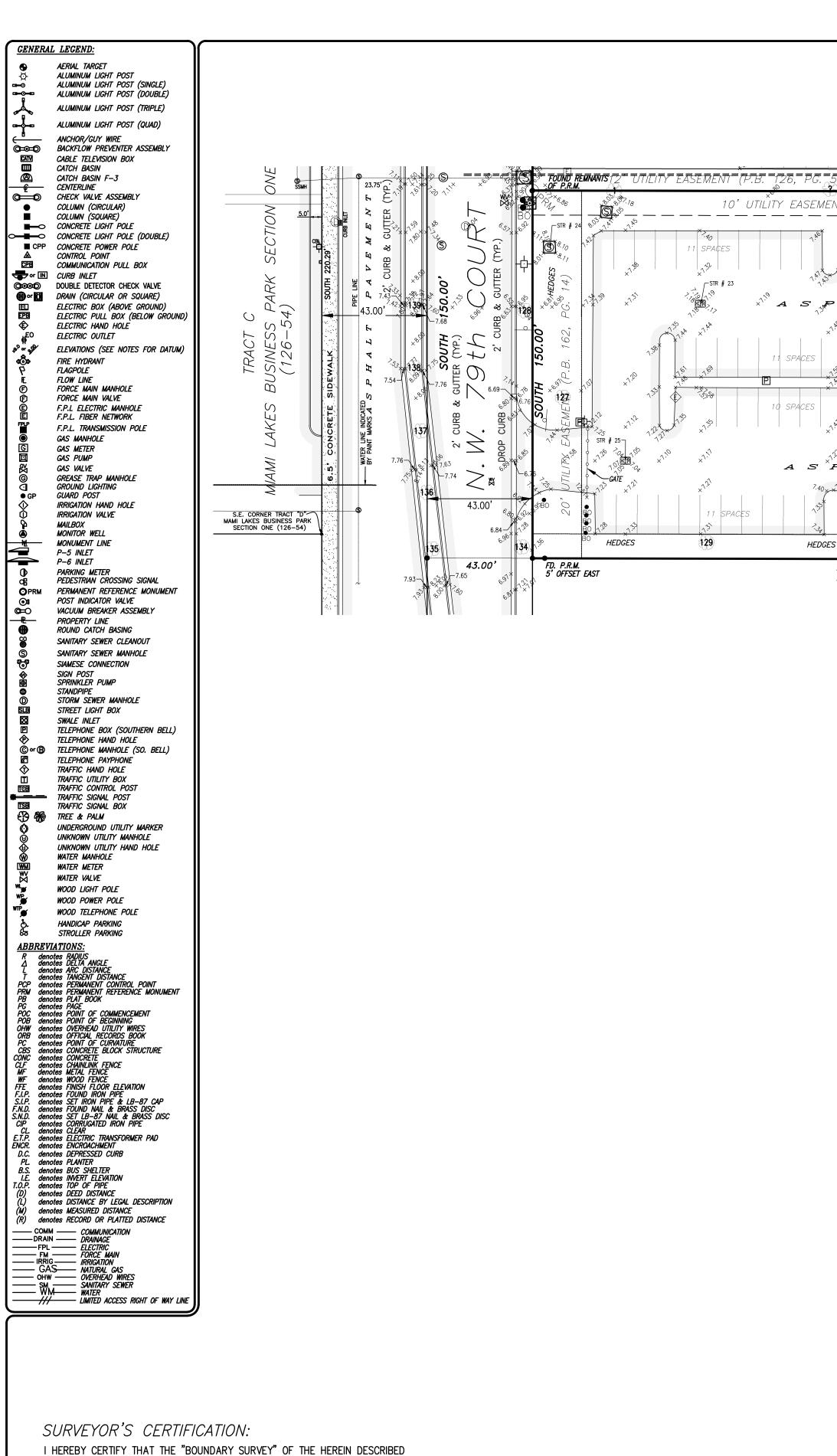


SCALE PROJ. NO. DATE

19063 05/15/2020

DRAWING INDEX, GENERAL NOTES, SYMBOLS, AND **ABBREVIATIONS** 





- MATCH LINE SEE SHEET 1 OF 2 **¼~~~ N89°52'27"W 688.31'**√∜√∳ <sup>™</sup>√∳ 10' UTILITY EASEMENT (P.B. 162, PG. 14) 4 STOF MAIN FINISH F UPPER FINISH " S T O 10' UTILITY EASEMENT (P.B. 162, PG. 14) HEDGES HEDGES (P.B. 126, PG. 54) S89°52'27"E 578.54' TRACT "B" MIAMI LAKES BUSINESS PARK SECTION ONE

STRUCTURE TABLE:

СВ				IIIV. LICV.		Doctom
	1	6.30	~	2.56	18" ÇMP	1.25
		6.30	W	2.55	18" CMP	1.25
CP	2	6.99	\$W	Q.4Q	6" METAL	6.99
СВ		6.99	E	0.21	6" METAL	6.99
	-	6.83	~	2,43	18" ÇMP	1.07
СВ	3	6.83	5	2.35	18" CMP	1.07
	_	6.65	~	2.40	18" CMP	1.09
ĊB	4	6.65	\$	2.34	18" ÇMP	1.09
СВ	5	6.80	S	2.39	18" CMP	1.24
		6.81	S	3.10	18" CMP	0.84
CB	6	6.81	W	2.51	18" CMP	0.84
		6.84	E	3.34	Z" PVC	0.69
		6.84	Ē	3.50	8" PVC	0.69
CB	7	6.84	~	2.51	18" CMP	0.69
		6.84	.5	2.41	18" CMP	0.69
		6.85	Ē	3.00	4" PVC	0.63
СВ	8					
		6.85	~	2.44	18" CMP	0.63
-00	_	7.23	N	3.50	6" PVC	0.74
СВ	9	7.23	E	2.60	18" CMP	0.74
		7.23	W	2.55	18" CMP	0.74
		6.95	N	4.18	4" PVC	0.37
CB	10	6.95	N	3.35	8" PVÇ	0.37
_	_	6.95	E	2.52	18" CMP	0.37
		6.95	W	2.52	18" CMP	0.37
мн	11	9.94	E	4.93	8" METAL	0.00
		9.94	W	4.92	8" METAL	0.00
		8.91	2	4.23	18" CMP	2.37
CB	12	8.91	5	4.19	18" CMP	2.37
		8.91	E	5.04	6" PVC	2.37
		6.74	E	3.32	24" CMP	1.29
ÇB	13	6.74	5	3.31	15"CMP	1.29
МН	14	7.95	W	3.65	24" CMP	0.15
		6.95	N	3,13	2" PVÇ	0.51
		6.95	N	3.08	6" PVC	0.51
СВ	15	6.95	~	3.10	6" PVC	0.51
		6.95	E	2.22	18" CMP	0.51
		6.95	w	2.35	18" CMP	0.51
						0.51
CB	16		SIA	2 49	12" D\/C	1 60
CB	16	6.55	5W	3.49	12" PVC	1.69
CB CB	16 17	6.55 7.52	NW	4.00	15" PVC	0.82
		6.55 7.52 6.71	NW \$W	4.00 3.07	15" PVC 15" PVÇ	0.82 1,94
СВ	17	6.55 7.52 6.71 6.71	NW \$W E	4.00 3.07 3.59	15" PVC 15" PVC 15" PVC	0.82 1,94 1.94
СВ	17	6.55 7.52 6.71 6.71 6.80	NW \$W E N	4.00 3.07 3.59 2.57	15" PVC 15" PVC 15" PVC 18" CMP	0.82 1,94 1.94 1.25
CB CB	17 18	6.55 7.52 6.71 6.71 6.80 6.80	NW \$W E N W	4.00 3.07 3.59 2.57 2.55	15" PVC 15" PVC 15" PVC 18" CMP	0.82 1,94 1,94 1.25 1.25
CB CB	17 18	6.55 7.52 6.71 6.71 6.80 6.80 6.78	NW \$W E N W	4.00 3.07 3.59 2.57 2.55 2.31	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP	0.82 1,94 1.94 1.25 1.25 0.90
CB CB CB	17 18 19	6.55 7.52 6.71 6.71 6.80 6.80 6.78	NW \$W E N W	4.00 3.07 3.59 2.57 2.55 2.31 2.42	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP 18" CMP	0.82 1,94 1.94 1.25 2.25 0.90 0.90
СВ СВ СВ	17 18 19 20	6.55 7.52 6.71 6.71 6.80 6.80 6.78	NW \$W E N W N	4.00 3.07 3.59 2.57 2.55 2.31	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP 18" CMP 18" CMP	0.82 1,94 1.94 1.25 1.25 0.90
CB CB CB	17 18 19	6.55 7.52 6.71 6.71 6.80 6.80 6.78	NW \$W E N W N \$	4.00 3.07 3.59 2.57 2.55 2.31 2.42	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP 18" CMP	0.82 1,94 1.94 1.25 2.25 0.90 0.90
CB  CB  CB  CB	17 18 19 20 21	6.55 7.52 6.71 6.71 6.80 6.80 6.78 6.78	NW \$W E N W N	4.00 3.07 3.59 2.57 2.55 2.31 2.42 2.36	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP 18" CMP 18" CMP	0.82 1,94 1.94 1.25 1.25 0.90 0.90
СВ СВ СВ	17 18 19 20	6.55 7.52 6.71 6.71 6.80 6.80 6.78 6.78 6.78	NW \$W E N W N \$	4.00 3.07 3.59 2.57 2.55 2.31 2.42 2.36 2.28	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP	0.82 1.94 1.94 1.25 1.25 0.90 0.76
CB  CB  CB  CB  CB	17 18 19 20 21 22	6.55 7.52 6.71 6.71 6.80 6.80 6.78 6.78 6.78 6.78	NW \$W E N N S N S E	4.00 3.07 3.59 2.57 2.55 2.31 2.42 2.36 2.28 0.00	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP	0.82 1,94 1.94 1.25 1.25 0.90 0.76 0.76 0.00
CB  CB  CB  CB	17 18 19 20 21	6.55 7.52 6.71 6.71 6.80 6.80 6.78 6.78 6.78 6.78 0.00 0.00	NW \$W E N N S N S W	4.00 3.07 3.59 2.57 2.55 2.31 2.42 2.36 2.28 0.00 0.00	15" PVC 15" PVC 15" PVC 18" CMP	0.82 1,94 1.94 1.25 1.25 0.90 0.76 0.76 0.00 0.00
CB  CB  CB  CB  CB  CB  CB	17 18 19 20 21 22 23	6.55 7.52 6.71 6.71 6.80 6.80 6.78 6.78 6.78 6.78 0.00 7.19	NW \$W E N N S N S E W E	4.00 3.07 3.59 2.57 2.55 2.31 2.42 2.36 2.28 0.00 0.00 0.00	15" PVC 15" PVC 15" PVC 18" CMP	0.82 1,94 1.94 1.25 2.25 0.90 0.90 0.76 0.76 0.00 0.00
CB  CB  CB  CB  CB	17 18 19 20 21 22	6.55 7.52 6.71 6.71 6.80 6.80 6.78 6.78 6.78 6.78 0.00 0.00 7.19 7.19	NW \$W E N N S N S E W W	4.00 3.07 3.59 2.57 2.55 2.31 2.42 2.36 2.28 0.00 0.00 0.00 0.00	15" PVC 15" PVC 15" PVC 18" CMP 8AFFLED BAFFLED BAFFLED	0.82 1,94 1.94 1.25 1.25 0.90 0.76 0.76 0.00 0.00 -0.39
СВ  СВ  СВ  СВ  СВ  СВ  МН	17 18 19 20 21 22 23 24	6.55 7.52 6.71 6.71 6.80 6.80 6.78 6.78 6.78 6.78 0.00 0.00 7.19 7.19 8.10 8.10	NW \$W E N N S N S E W E W N S W W W N S N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N S W N	4.00 3.07 3.59 2.57 2.55 2.31 2.42 2.36 2.28 0.00 0.00 0.00 0.00 1.09 -0.17	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP BAFFLED BAFFLED BAFFLED BAFFLED BAFFLED BAFFLED BAFFLED	0.82 1,94 1.94 1.25 1.25 0.90 0.76 0.76 0.00 0.00 -0.39 -0.39 0.00 0.00
CB  CB  CB  CB  CB  CB  CB	17 18 19 20 21 22 23	6.55 7.52 6.71 6.80 6.80 6.78 6.78 6.78 6.78 0.00 7.19 7.19 8.10 8.10 7.05	NW \$W E N N \$ N \$ W N \$ W N E W NE W E	4.00 3.07 3.59 2.57 2.55 2.31 2.42 2.36 2.28 0.00 0.00 0.00 1.09 -0.17 0.00	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP BAFFLED	0.82 1.94 1.94 1.25 1.25 0.90 0.76 0.76 0.00 -0.39 -0.39 -0.39 -0.00 -0.00
СВ  СВ  СВ  СВ  СВ  СВ  МН	17 18 19 20 21 22 23 24	6.55 7.52 6.71 6.71 6.80 6.80 6.78 6.78 6.78 0.00 0.00 7.19 7.19 8.10 8.10 7.05 7.05	NW \$W E N N S N \$ E W N S W E W E W E W NE W W	4.00 3.07 3.59 2.57 2.55 2.31 2.42 2.36 2.28 0.00 0.00 0.00 1.09 -0.17 0.00 0.00	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP 6MP 18" CMP 8AFFLED 8AFFLED 8AFFLED 8AFFLED 8AFFLED 8AFFLED 8AFFLED 8AFFLED 8AFFLED	0.82 1,94 1.25 1.25 0.90 0.76 0.76 0.00 -0.39 -0.39 -0.39 -0.39 -0.15 -0.15
СВ  СВ  СВ  СВ  СВ  СВ  МН	17 18 19 20 21 22 23 24	6.55 7.52 6.71 6.80 6.80 6.80 6.78 6.78 6.78 6.78 0.00 0.00 7.19 7.19 8.10 8.10 7.05 7.05 6.98	NW \$W E N N \$ N \$ W N \$ W E W E W E W E	4.00 3.07 3.59 2.57 2.55 2.31 2.42 2.36 2.28 0.00 0.00 0.00 1.09 -0.17 0.00 0.00 0.00	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP BAFFLED	0.82 1,94 1.94 1.25 1.25 0.90 0.90 0.76 0.76 0.00 0.00 -0.39 -0.39 0.00 -0.15 -0.15 -0.04
СВ  СВ  СВ  СВ  СВ  СВ  МН  СВ	17 18 19 20 21 22 23 24 25	6.55 7.52 6.71 6.71 6.80 6.80 6.78 6.78 6.78 6.78 0.00 7.19 7.19 8.10 8.10 7.05 7.05 6.98 6.98	NW \$W E N N S N S E W E W E W E W E W E W E W E W E W	4.00 3.07 3.59 2.57 2.55 2.31 2.42 2.36 2.28 0.00 0.00 0.00 1.09 -0.17 0.00 0.00 0.00 0.00	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP 6MP 18" CMP 18	0.82 1,94 1.25 1.25 0.90 0.76 0.76 0.00 -0.39 -0.39 -0.39 -0.39 -0.00 -0.00 -0.00
СВ  СВ  СВ  СВ  СВ  СВ  МН  СВ	17 18 19 20 21 22 23 24 25	6.55 7.52 6.71 6.71 6.80 6.80 6.80 6.78 6.78 6.78 6.78 7.00 7.19 8.10 8.10 7.05 7.05 6.98 6.98 7.16	NW \$W E N N \$ N \$ N \$ W N \$ W E W E W E W E W E	4.00 3.07 3.59 2.57 2.55 2.31 2.42 2.36 2.28 0.00 0.00 0.00 1.09 -0.17 0.00 0.00 0.00 0.00 0.00	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP BAFFLED	0.82 1,94 1.94 1.25 1.25 0.90 0.90 0.76 0.76 0.00 0.00 -0.39 -0.39 -0.39 -0.00 -0.15 -0.15 -0.15 -0.04 -0.04 0.33
CB         CB         CB         CB         CB         CB         CB         MH         CB         CB	17 18 19 20 21 22 23 24 25 26	6.55 7.52 6.71 6.71 6.80 6.80 6.78 6.78 6.78 6.78 0.00 7.19 7.19 8.10 8.10 7.05 7.05 6.98 6.98	NW \$W E N N S N S E W E W E W E W E W E W E W E W E W	4.00 3.07 3.59 2.57 2.55 2.31 2.42 2.36 2.28 0.00 0.00 0.00 1.09 -0.17 0.00 0.00 0.00 0.00	15" PVC 15" PVC 15" PVC 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP 18" CMP 6MP 18" CMP 18	0.82 1,94 1.25 1.25 0.90 0.76 0.76 0.00 -0.39 -0.39 -0.39 -0.39 -0.00 -0.00 -0.00

Type | Str. No. | Rim Elev. | Direction Inv. Elev. | Pipe or Duct | Bottom

		TREE	TABLE:				
	N	TREE NO	COMMON NAME	SPECIES	DIA.	HT.	CNPY. Ø
	1	1	GUMBO LIMBO	"Bursera simaruba"	14	25	30
		2	BLACK OLIVE	"Bucida buceras"	24	25	40
		3	BLACK OLIVE	"Bucida buceras"	15	25	40
		4	BLACK OLIVE	"Bucida buceras"	15	25	40
		5	CABBAGE PALM	"Sabal palmetto"	14	20	15
		6	CABBAGE PALM	"Sabal palmetto"	15	20	12
		7	CABBAGE PALM	"Sabal palmetto"	14	20	12
		8	CABBAGE PALM	"Sabal palmetto"	13	20	15
		9	CABBAGE PALM	"Sabal palmetto"	15	20	15
		10	CABBAGE PALM	"Sabal palmetto"	15	20	10
		11	CABBAGE PALM	"Sabal palmetto"	15	20	10
		12	CABBAGE PALM	"Sabal palmetto"	13	20	8
		13	CABBAGE PALM	"Sabal palmetto"	14	20	8
		14	CABBAGE PALM	"Sabal palmetto"	14	20	10
		15	CABBAGE PALM	"Sabal palmetto"	14	20	8
	<b>/</b> /	16	BLACK OLIVE	"Bucida buceras"	15	30	30
		17	BLACK OLIVE	"Bucida buceras"	13	25	25
		18	ROYAL PALM	"Roystonia elata"	14	20	5
	$W \leftarrow H'$	19	ROYAL PALM	"Roystonia elata"	14	35	15
		20	ROYAL PALM	"Roystonia elata"	14	35	15
	<i> </i>	21	ROYAL PALM	"Roystonia elata"	14	30	12
	+"	22	LIVE OAK	"Quercus virginiana"	8	20	20
	//	23	ROYAL PALM	"Roystonia elata"	20	30	25
		24	ROYAL PALM	"Roystonia elata"	20	30	20
	V	25	ROYAL PALM	"Roystonia elata"	17	30	25
	<b>V</b>	26	ROYAL PALM	"Roystonia elata"	20	30	20
		27	ROYAL PALM	"Roystonia elata"	18	30	20
	$\boldsymbol{C}$	28	BLACK OLIVE	"Bucida buceras"	13	25	30
	$\mathcal{S}$	29	BLACK OLIVE	"Bucida buceras"	20	25	30
		30	ROYAL PALM	"Roystonia elata"	14	30	15
		31	ROYAL PALM	"Roystonia elata"	16	30	20
		32	BLACK OLIVE	"Bucida buceras"	20	30	40
30	0 15 30 60	33	BLACK OLIVE	"Bucida buceras"	16	30	30
1	1 1 1	34	BLACK OLIVE	"Bucida buceras"	16	30	40
		35	BLACK OLIVE	"Bucida buceras"	24	30	30
	1 INCH = 30 FEET	36	BLACK OLIVE	"Bucida buceras"	24	30	35
	I INCH = 30 FEET	37	BLACK OLIVE	"Bucida buceras"	16	30	30
		38	BLACK OLIVE	"Bucida buceras"	24	30	45
		39	CABBAGE PALM	"Sabal palmetto"	9	14	10
		40	CABBAGE PALM	"Sabal palmetto"	13	25	12
		41	CABBAGE PALM	"Sabal palmetto"	12	15	10
		42	CABBAGE PALM	"Sabal palmetto"	14	15	10
		43	CABBAGE PALM	"Sabal palmetto"	14	15	10
		44	CABBAGE PALM	"Sabal palmetto"	14	15	12
		45	BLACK OLIVE	"Bucida huceras"	15	20	30

-	9	CABBAGE PALM	"Sabal palmetto"	15	20	15
	10	CABBAGE PALM	"Sabal palmetto"	15	20	10
	11 12	CABBAGE PALM CABBAGE PALM	"Sabal palmetto" "Sabal palmetto"	15 13	20	10 8
	13 14	CABBAGE PALM CABBAGE PALM	"Sabal palmetto" "Sabal palmetto"	14 14	20 20	8 10
	15	CABBAGE PALM	"Sabal palmetto"	14	20	8
	16 17	BLACK OLIVE BLACK OLIVE	"Bucida buceras" "Bucida buceras"	15 13	30 25	30 25
	18 19	ROYAL PALM ROYAL PALM	"Roystonia elata" "Roystonia elata"	14 14	20 35	5 15
	20	ROYAL PALM	"Roystonia elata"	14	35	15
•	21 22	ROYAL PALM LIVE OAK	"Roystonia elata" "Quercus virginiana"	14 8	30 20	12 20
	23	ROYAL PALM ROYAL PALM	"Roystonia elata" "Roystonia elata"	20 20	30 30	25 20
	24 25	ROYAL PALM	"Roystonia elata"	17	30	25
	26 27	ROYAL PALM ROYAL PALM	"Roystonia elata" "Roystonia elata"	20 18	30 30	20
	28	BLACK OLIVE BLACK OLIVE	"Bucida buceras" "Bucida buceras"	13 20	25 25	30 30
	29 30	ROYAL PALM	"Roystonia elata"	14	30	15
	31 32	ROYAL PALM BLACK OLIVE	"Roystonia elata" "Bucida buceras"	16 20	30 30	20 40
<i>50</i>	33	BLACK OLIVE	"Bucida buceras"	16	30	30 40
	34 35	BLACK OLIVE BLACK OLIVE	"Bucida buceras" "Bucida buceras"	16 24	30	30
	36 37	BLACK OLIVE BLACK OLIVE	"Bucida buceras" "Bucida buceras"	24 16	30 30	35 30
	38	BLACK OLIVE	"Bucida buceras" "Sabal palmetto"	24 9	30 14	45 10
	39 40	CABBAGE PALM CABBAGE PALM	"Sabal palmetto"	13	25	12
	41 42	CABBAGE PALM CABBAGE PALM	"Sabal palmetto" "Sabal palmetto"	12 14	15 15	10 10
	43	CABBAGE PALM	"Sabal palmetto"	14	15	10
	44 45	CABBAGE PALM BLACK OLIVE	"Sabal palmetto" "Bucida buceras"	14 15	15 20	12 30
	46 47	CABBAGE PALM CABBAGE PALM	"Sabal palmetto" "Sabal palmetto"	14 15	20 20	15 15
	48	CABBAGE PALM	"Sabal palmetto"	13	20	15
	49 50	BLACK OLIVE BLACK OLIVE	"Bucida buceras" "Bucida buceras"	16 2X15	30 30	50 50
	51 52	BLACK OLIVE MAHOGANY	"Bucida buceras" "Swietenia mahagoni"	16 8	30 15	50 15
	53	ALEXANDER PALM	"Ptychosperma elegans"	6	13	15
	54 55	ALEXANDER PALM ALEXANDER PALM	"Ptychosperma elegans" "Ptychosperma elegans"	8 10	18 18	10 15
	56 57	ALEXANDER PALM BLACK OLIVE	"Ptychosperma elegans" "Bucida buceras"	10 13	18 20	20 30
	58	QUEEN PALM	"Syagrus romanzoffiana"	13	25	25
•	59 60	QUEEN PALM QUEEN PALM	"Syagrus romanzoffiana" "Syagrus romanzoffiana"	13 13	25 25	25 25
	61 62	QUEEN PALM  QUEEN PALM	"Syagrus romanzoffiana" "Syagrus romanzoffiana"	10 13	30 30	20 20
	63	QUEEN PALM	"Syagrus romanzoffiana"	13	30	20
	64 65	QUEEN PALM QUEEN PALM	"Syagrus romanzoffiana" "Syagrus romanzoffiana"	13 13	30 30	25 25
	66	QUEEN PALM GUMBO LIMBO	"Syagrus romanzoffiana" "Bursera simaruba"	13 14	30 20	20 15
	67 68	GUMBO LIMBO	"Bursera simaruba"	12	20	20
-	69 70	GUMBO LIMBO CABBAGE PALM	"Bursera simaruba" "Sabal palmetto"	10 13	20	15 10
	71	CABBAGE PALM	"Sabal palmetto"	14 14	20	10 12
	72 73	CABBAGE PALM CABBAGE PALM	"Sabal palmetto" "Sabal palmetto"	14	20	12
•	74 75	CABBAGE PALM CABBAGE PALM	"Sabal palmetto" "Sabal palmetto"	14 12	20	12 10
	76	CABBAGE PALM	"Sabal palmetto"	14	20	15
•	77 78	QUEEN PALM  QUEEN PALM	"Syagrus romanzoffiana" "Syagrus romanzoffiana"	12 12	30	10 10
	79 80	QUEEN PALM LIVE OAK	"Syagrus romanzoffiana" "Quercus virginiana"	0 4	0 15	0 15
	81	LIVE OAK BLACK OLIVE	"Quercus virginiana" "Bucida buceras"	3 24	15	10
	82 83	LIVE OAK	"Quercus virginiana"	4	15	10
	84 85	LIVE OAK BLACK OLIVE	"Quercus virginiana" "Bucida buceras"	6 20	15 25	15 30
	86	BLACK OLIVE LIVE OAK	"Bucida buceras"	20	25	30
	87 88	BLACK OLIVE	"Quercus virginiana" "Bucida buceras"	10 16	25 30	30
•	89 90	BLACK OLIVE GUMBO LIMBO	"Bucida buceras" "Bursera simaruba"	20 16	30 20	40 30
	91	BLACK OLIVE	"Bucida buceras"	18	30	30
•	92 93	QUEEN PALM  QUEEN PALM	"Syagrus romanzoffiana" "Syagrus romanzoffiana"	10 10	30	12 10
	94 95	ROYAL PALM QUEEN PALM	"Roystonia elata" "Syagrus romanzoffiana"	17 11	35 25	15 20
-	96	QUEEN PALM	"Syagrus romanzoffiana"	11	25	20
	97 98	QUEEN PALM BLACK OLIVE	"Syagrus romanzoffiana" "Bucida buceras"	11 22	25 35	30
	99 100	BLACK OLIVE BLACK OLIVE	"Bucida buceras" "Bucida buceras"	26 16	35 30	40 25
	101	LIVE OAK	"Quercus virginiana"	30	35	35
	102 103	BLACK OLIVE LIVE OAK	"Bucida buceras" "Quercus virginiana"	2X20X8 10	35 15	35 12
	104 105	BLACK OLIVE LIVE OAK	"Bucida buceras" "Quercus virginiana"	16 36	35 35	40
	106	BLACK OLIVE	"Bucida buceras"	20	30	25
	107 108	BLACK OLIVE BLACK OLIVE	"Bucida buceras" "Bucida buceras"	36 4X14X6	35 30	50 35
	109	LIVE OAK QUEEN PALM	"Quercus virginiana" "Syagrus romanzoffiana"	18 12	30 35	30 15
	110 111	QUEEN PALM	"Syagrus romanzoffiana"	12	35	20
}	112 113	QUEEN PALM QUEEN PALM	"Syagrus romanzoffiana" "Syagrus romanzoffiana"	13 13	35 35	12 15
	114	ROYAL PALM ROYAL PALM	"Roystonia elata" "Roystonia elata"	17 18	35 35	15 15
	115 116	ROYAL PALM	"Roystonia elata"	18	35	15
	117 118	SPINDLE PALM SPINDLE PALM	"Hyophorbe verschaffeltii" "Hyophorbe verschaffeltii"	15 14	20	10 12
	119	QUEEN PALM  QUEEN PALM	"Syagrus romanzoffiana" "Syagrus romanzoffiana"	6	8	6
	120 121	QUEEN PALM	"Syagrus romanzoffiana"	6	8	8
	122 123	QUEEN PALM QUEEN PALM	"Syagrus romanzoffiana" "Syagrus romanzoffiana"	6 6	8	8 7
	124	MAHOGANY	"Swietenia mahagoni"	6	14	12
	125 126	MAHOGANY MAHOGANY	"Swietenia mahagoni" "Swietenia mahagoni"	6 4	15 14	15 12
,	127 128	HONG KONG ORCHID  BLACK OLIVE	"Bauhinia blakeana" "Bucida buceras"	10 13	15 30	30 35
	140	BLACK OLIVE	"Bucida buceras"	13	30	25
	129	BLACK OLIVE	"Bucida buceras" "Bucida buceras"	30 14	35 30	50 30
	129 130 131	BLACK OLIVE		14	30	25
	130 131 132	BLACK OLIVE	"Bucida buceras"  "Bucida buceras"	1.1		30
	130 131	BLACK OLIVE BLACK OLIVE BLACK OLIVE	"Bucida buceras" "Bucida buceras"	14 14	30 30	30 30
	130 131 132 133 134 135	BLACK OLIVE BLACK OLIVE BLACK OLIVE BLACK OLIVE	"Bucida buceras" "Bucida buceras" "Bucida buceras"		30	
	130 131 132 133 134 135 136 137	BLACK OLIVE BLACK OLIVE BLACK OLIVE LIVE OAK BLACK OLIVE	"Bucida buceras"  "Bucida buceras"  "Bucida buceras"  "Quercus virginiana"  "Bucida buceras"	14 13 6 14	30 30 25 14 15	30 25 12 30
	130 131 132 133 134 135 136	BLACK OLIVE BLACK OLIVE BLACK OLIVE BLACK OLIVE LIVE OAK	"Bucida buceras"  "Bucida buceras"  "Bucida buceras"  "Quercus virginiana"	14 13 6	30 30 25 14	30 25 12
	130 131 132 133 134 135 136 137 138 139 140	BLACK OLIVE BLACK OLIVE BLACK OLIVE LIVE OAK BLACK OLIVE BLACK OLIVE BLACK OLIVE BLACK OLIVE	"Bucida buceras"  "Bucida buceras"  "Bucida buceras"  "Quercus virginiana"  "Bucida buceras"  "Bucida buceras"  "Bucida buceras"  "Bucida buceras"	14 13 6 14 13 13	30 30 25 14 15 15 15	30 25 12 30 12 15 30
	130 131 132 133 134 135 136 137 138 139	BLACK OLIVE BLACK OLIVE BLACK OLIVE LIVE OAK BLACK OLIVE	"Bucida buceras"  "Bucida buceras"  "Bucida buceras"  "Quercus virginiana"  "Bucida buceras"  "Bucida buceras"	14 13 6 14 13 13 16 20	30 30 25 14 15 15 15 30 30 30	30 25 12 30 12 15 30 45
	130 131 132 133 134 135 136 137 138 139 140	BLACK OLIVE BLACK OLIVE BLACK OLIVE LIVE OAK BLACK OLIVE BLACK OLIVE BLACK OLIVE BLACK OLIVE BLACK OLIVE	"Bucida buceras"  "Bucida buceras"  "Bucida buceras"  "Quercus virginiana"  "Bucida buceras"  "Bucida buceras"  "Bucida buceras"  "Bucida buceras"  "Bucida buceras"  "Bucida buceras"	14 13 6 14 13 13 16 20	30 30 25 14 15 15 15 30 30	30 25 12 30 12 15 30 45

FILE ML-1068-A

K:\225240\MIAMI LAKES BUSINESS PARK SEC-ONE\SURVEY TRACT A\DWG\TRACT A ALTA (09-30-2019).dwg

MARK STEVEN JOHNSON, PRINCIPAL

STATE OF FLORIDA.

PROFESSIONAL LAND SURVEYOR No. 4775

TO CHAPTER 472.027, FLORIDA STATUTES.

PROPERTY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS RECENTLY SURVEYED AND DRAWN UNDER MY SUPERVISION AND DIRECTION ON 10-02-2019. THIS SURVEY COMPLIES WITH THE STANDARD OF PRACTICE

Schwebke-Shiskin & Associates. Inc.
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MARK STEVEN JOHNSON, P.S.M. 4775

No. 4775

BY: Marh Steven Fohnson

REQUIREMENTS AS SET FORTH IN RULES 5J-17.051 AND 5J-17.052 AS ADOPTED BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS PURSUANT

GENERAL LEGEND: AERIAL TARGET ALUMINUM LIGHT POST ALUMINUM LIGHT POST (SINGLE) ALUMINUM LIGHT POST (DOUBLE) ALUMINUM LIGHT POST (TRIPLE) ALUMINUM LIGHT POST (QUAD) ANCHOR/GUY WIRE Ò<del>-----</del> BACKFLOW PREVENTER ASSEMBLY CABLE TELEVISION BOX CATCH BASIN CATCH BASIN F-3 CENTERLINE CHECK VALVE ASSEMBLY COLUMN (CIRCULAR) COLUMN (SQUARE) CONCRETE LIGHT POLE ○─**■**○ CONCRETE LIGHT POLE (DOUBLE) ■ CPP CONCRETE POWER POLE CONTROL POINT COMMUNICATION PULL BOX → or IN CURB INLET DOUBLE DETECTOR CHECK VALVE

DRAIN (CIRCULAR OR SQUARE) ELECTRIC BOX (ABOVE GROUND) ELECTRIC PULL BOX (BELOW GROUND) ELECTRIC HAND HOLE ELECTRIC OUTLET ELEVATIONS (SEE NOTES FOR DATUM) FIRE HYDRANT FLAGPOLE FLOW LINE FORCE MAIN MANHOLE FORCE MAIN VALVE F.P.L ELECTRIC MANHOLE F.P.L. FIBER NETWORK F.P.L. TRANSMISSION POLE GAS MANHOLE GAS METER GAS PUMP GAS VALVE GREASE TRAP MANHOLE GUARD POST IRRIGATION HAND HOLE IRRIGATION VALVE MAILBOX MONITOR WELL MONUMENT LINE P-5 INLET P-6 INLET PARKING METER PEDESTRIAN CROSSING SIGNAL PERMANENT REFERENCE MONUMENT POST INDICATOR VALVE VACUUM BREAKER ASSEMBLY PROPERTY LINE ROUND CATCH BASING SANITARY SEWER CLEANOUT SANITARY SEWER MANHOLE SIAMESE CONNECTION SPRINKLER PUMP STORM SEWER MANHOLE STREET LIGHT BOX SWALE INLET TELEPHONE BOX (SOUTHERN BELL) TELEPHONE HAND HOLE TELEPHONE MANHOLE (SO. BELL) TELEPHONE PAYPHONE TRAFFIC HAND HOLE TRAFFIC UTILITY BOX TRAFFIC CONTROL POST TRAFFIC SIGNAL POST TRAFFIC SIGNAL BOX TREE & PALM UNDERGROUND UTILITY MARKER UNKNOWN UTILITY MANHOLE UNKNOWN UTILITY HAND HOLE WATER MANHOLE WATER METER WATER VALVE WOOD LIGHT POLE **WOOD POWER POLE WOOD TELEPHONE POLE** HANDICAP PARKING STROLLER PARKING ABBREVIATIONS:

R denotes RADIUS

∆ denotes DELTA ANGLE

L denotes ARC DISTANCE

T denotes TANGENT DISTANCE

PCP denotes PERMANENT CONTROL POINT

PRM denotes PERMANENT REFERENCE MONUMENT

B denotes PLAT BOOK

PG denotes POINT OF COMMENCEMENT

PB denotes POINT OF EBGINNING

OHW denotes OVERHEAD UTILITY WIRES

ORB denotes OFFICIAL RECORDS BOOK

PC denotes POINT OF CURVATURE

CBS denotes CONCRETE BLOCK STRUCTURE

CONC denotes CONCRETE

CLF denotes CONCRETE

WF denotes WOOD FENCE

FFE denotes WOOD FENCE

FFE denotes FOUND IRON PIPE

S.I.P. denotes SET IRON PIPE & LB−87 CAP

F.N.D. denotes SET IRON PIPE & LB−87 CAP

F.N.D. denotes SET LB−87 NAIL & BRASS DISC

S.N.D. denotes CORRUGATED IRON PIPE

CL denotes DEPRESSED CURB

PL denotes DEPRESSED CURB

PL denotes BUS SHELTER

I.E denotes BUS SHELTER

I.E denotes DISTANCE

(I) denotes DEED DISTANCE

(II) denotes DESTANCE

(III) denotes DESTANCE (M) denotes MEASURED DISTANCE (R) denotes RECORD OR PLATTED DISTANCE COMM COMUNICATION

DRAIN DRAINAGE

FPL ELECTRIC

FM FORCE MAIN

IRRIG IRRIGATION

GAS NATURAL GAS

OHW OVERHEAD WIRES

SM SANITARY SEWER

WM WATER

/// LIMITED ACCESS RIGHT OF WAY LINE

TREE TABLE: COMMON GUMBO LIMBO BLACK OLIVE "Bucida buceras" BLACK OLIVE "Bucida buceras" BLACK OLIVE "Bucida buceras" CABBAGE PALM CABBAGE PALM "Sabal palmetto" CABBAGE PALM "Sabal palmetto" CABBAGE PALM "Sabal palmetto" CABBAGE PALM "Sabal palmetto" CABBAGE PALM CABBAGE PALM "Sabal palmetto" 'Sabal palmetto" CABBAGE PALM "Sabal palmetto" CABBAGE PALM "Sabal palmetto" CABBAGE PALM "Sabal palmetto" BLACK OLIVE "Bucida buceras" BLACK OLIVE ROYAL PALM ROYAL PALM ROYAL PALM "Roystonia elata" ROYAL PALM LIVE OAK ROYAL PALM ROYAL PALM ROYAL PALM ROYAL PALM ROYAL PALM BLACK OLIVE "Bucida buceras" ROYAL PALM ROYAL PALM BLACK OLIVE "Bucida buceras" BLACK OLIVE "Bucida buceras" BLACK OLIVE "Bucida buceras" BLACK OLIVE "Bucida buceras" BLACK OLIVE BLACK OLIVE "Bucida buceras" BLACK OLIVE "Bucida buceras" CABBAGE PALM "Sabal palmetto" CABBAGE PALM CABBAGE PALM "Sabal palmetto" CABBAGE PALM CABBAGE PALM "Sabal palmetto" CABBAGE PALM "Sabal palmetto" BLACK OLIVE CABBAGE PALM CARRAGE PALM CABBAGE PALM "Sabal palmetto" BLACK OLIVE BLACK OLIVE "Bucida buceras" MAHOGANY ALEXANDER PALM "Ptychosperma elegans" ALEXANDER PALM "Ptychosperma elegans" 10 18 ALEXANDER PALM BLACK OLIVE "Bucida buceras" 13 20 30 QUEEN PALM "Syagrus romanzoffiana" 13 25 QUEEN PALM "Syagrus romanzoffiana" 13 30 QUEEN PALM QUEEN PALM QUEEN PALM QUEEN PALM QUEEN PALM GUMBO LIMBO GUMBO LIMBO CABBAGE PALM CABBAGE PALM "Sabal palmetto" CABBAGE PALM CABBAGE PALM "Sabal palmetto" CABBAGE PALM "Sabal palmetto" CABBAGE PALM "Sabal palmetto" QUEEN PALM LIVE OAK LIVE OAK BLACK OLIVE BLACK OLIVE LIVE OAK BLACK OLIVE BLACK OLIVE GUMBO LIMBO BLACK OLIVE QUEEN PALM ROYAL PALM QUEEN PALM QUEEN PALM BLACK OLIVE BLACK OLIVE BLACK OLIVE LIVE OAK LIVE OAK LIVE OAK BLACK OLIVE BLACK OLIVE "Bucida buceras" 4X14X6 30 LIVE OAK QUEEN PALM QUEEN PALM QUEEN PALM QUEEN PALM ROYAL PALM ROYAL PALM ROYAL PALM SPINDLE PALM SPINDLE PALM QUEEN PALM QUEEN PALM QUEEN PALM "Swietenia mahagoni" 6 14 MAHOGANY MAHOGANY BLACK OLIVE "Bucida buceras" BLACK OLIVE BLACK OLIVE "Bucida buceras" BLACK OLIVE BLACK OLIVE "Bucida buceras" LIVE OAK BLACK OLIVE BLACK OLIVE BLACK OLIVE BLACK OLIVE "Bucida buceras"

BLACK OLIVE

BLACK OLIVE

LIVE OAK

LIVE OAK

LIVE OAK

 "Quercus virginiana"
 4
 15
 6

 "Quercus virginiana"
 10
 15
 12

STRUCTURE TABLE:

rpc	30.100.	6.30	N N	2,56	Ø Pipe or Duct 18" CMP	Bottom 1.25
В	1	6.30	W	2.55	18" CMP	1.25
		6.99	\$W	0.40	6" METAL	6.99
В	2	6.99	E	0.21	6" METAL	6.99
		6.83	N	2,43	18" CMP	1.07
<b>:</b> B	3	6.83	5	2.35	18" CMP	1.07
		6.65	N	2.40	18" CMP	1.09
Ė₿	4	6.65	\$	2.34	18" CMP	1.09
-B	5	6.80	S	2.39	18" CMP	1.24
		6.81	S	3.10	18" CMP	0.84
CB	6	6.81	W	2.51	18" CMP	0.84
		6.84	E	3.34	Z" PVC	0.69
		6.84	E	3.50	8" PVC	0.69
CB	7	6.84	N	2.51	18" CMP	0.69
		6.84	5	2.41	18" CMP	0.69
		6.85	E	3.00	4" PVC	0.63
ЕВ	8	6.85	N	2,44	18" ÇMP	0.63
		7.23	N	3.50	6" PVC	0.74
CB	9	7.23	E	2.60	18" ÇMP	0.74
		7.23	W	2.55	18" CMP	0.74
		6.95	N	4.18	4" PVC	0.37
		6.95	N	3.35	8" PVÇ	0.37
<b>EB</b>	10	6.95	E	2.52	18" CMP	0.37
		6.95	W	2.52	18" CMP	0.37
		9.94	E	4.93	8" METAL	0.00
ЛΗ	11	9.94	W	4.92	8" METAL	0.00
		8.91	N	4.23	18" CMP	2.37
В	12	8.91	5	4.19	18" CMP	2.37
		8.91	E	5.04	6" PVC	2.37
		6.74	E	3.32	24" CMP	1.29
B	13	6.74	5	3.31	15"CMP	1.29
ЛΗ	14	7.95	w	3.65	24" CMP	0.15
-		6.95	N	3.13	2" PVÇ	Q.51
		6.95	N	3.08	6" PVC	0.51
В	15	6.95	N	3.10	6" PVC	0.51
		6.95	E	2.22	18" CMP	0.51
		6.95	W	2.35	18" CMP	0.51
СВ	16	6.55	5W	3.49	12" PVC	1.69
CB	17	7.52	NW	4.00	15" PVC	0.82
		6.71	\$W	3.07	15" PVC	1,94
ЕВ	18	6.71	E	3.59	15" PVC	1.94
		6.80	~	2.57	18" CMP	1.25
ЕВ	19	6.80	w	2.55	18" CMP	1.25
		6.78	N	2.31	18" CMP	0.90
В	20	6.78	\$	2.42	18" CMP	0.90
_		6.78	N	2.36	18" CMP	0.76
Ĉ₿	21	6.78	\$	2.28	18" CMP	0.76 0.76
		0.00	E	0.00	BAFFLED	0.00
Ė₿	22	0.00	w	Q.QQ	BAFFLED	Q.QQ
		7.19	E	0.00	BAFFLED	-0.39
ĈB	23	7.19	w	Q.QQ	BAFFLED	-0.39
		8.10	NE	1.09	6" METAL	0.00
1H	24	8.10 8.10	W	-0.17	6" METAL	0.00
		7.05	E	0.00	BAFFLED	-0.15
ĈB	25	7.05 7.05	w	0.00	BAFFLED	-0.15 -0.15
	1	6.98	E	0.00	BAFFLED	-0.13
CB	26	6.98 6.98	w	0.00	BAFFLED	-0.04 -0.04
			E			
CB	27	7.16	W	0.00	BAFFLED	0.33 0.33
		7.16		0.00	BAFFLED	0.33
CB	28	7.14	Ε	0.00	BAFFLED	-0.01

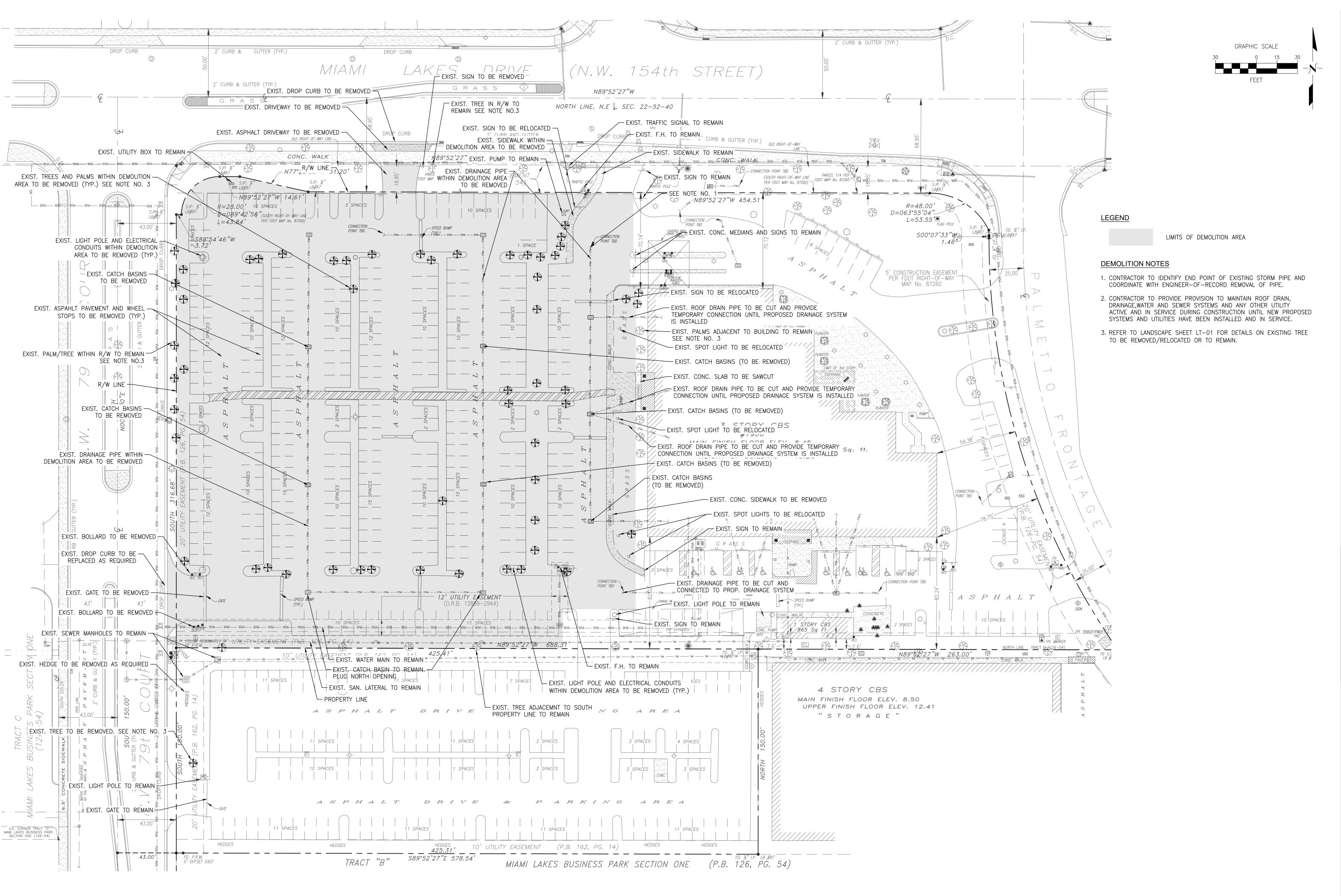
SURVEBOUNDAR

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THE "BOUNDARY SURVEY" OF THE HEREIN DESCRIBED PROPERTY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS RECENTLY SURVEYED AND DRAWN UNDER MY SUPERVISION AND DIRECTION ON 10-02-2019. THIS SURVEY COMPLIES WITH THE STANDARD OF PRACTICE REQUIREMENTS AS SET FORTH IN RULES 5J-17.051 AND 5J-17.052 AS ADOPTED BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS PURSUANT TO CHAPTER 472.027, FLORIDA STATUTES.

Schwebke-Shiskin & Associates, Inc.
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MARK STEVEN JOHNSON, P.S.M. 4775

BY: Marh Steven Fohnson MARK STEVEN JOHNSON, PRINCIPAL PROFESSIONAL LAND SURVEYOR NO. 47750 STATE OF FLORIDA.



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SHARI J. RAMIREZ, P.E. FLORIDA LIC. #: 73078 CIVIL ENGINEER OF RECORD

KISLAK OFFICE BUILDING

7900 NW 154 STREET, MIAMI LAKES , FL, 33016

5-14-2020

SCHEMATIC DESIGN

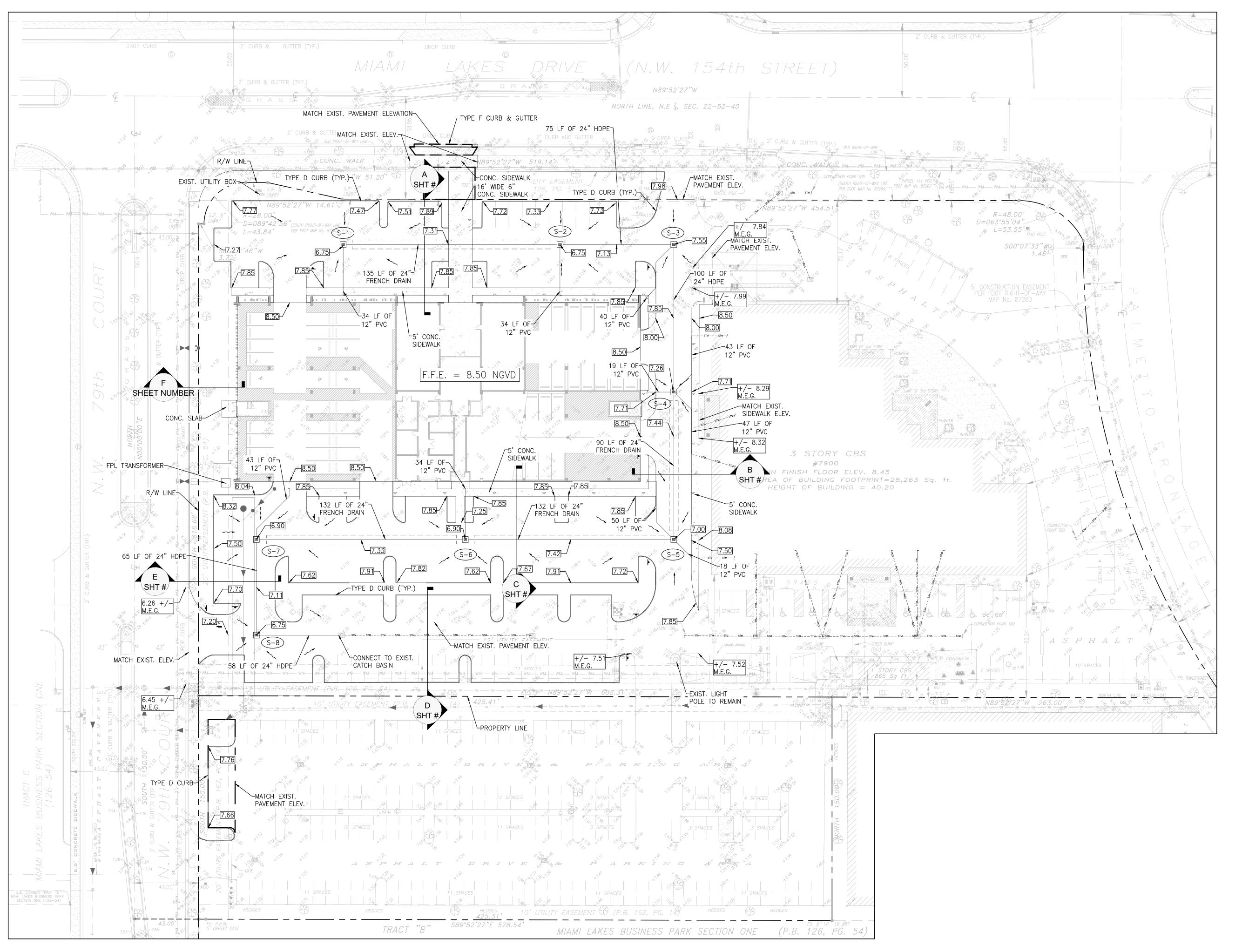
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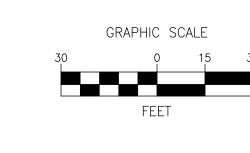
No. Description Date

KEY PLAN

SCALE 1"=30' PROJ. NO. 0190128.00

DEMOLITION PLAN





## PROPOSED LEGEND

\_ - - - - - PROP. STORM DRAIN 

PROP. CATCH BASIN

PROP. GRADE

PROP. STRUCTURE NUMBER

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KISLAK

MIAMI LAKES , FL, 33016

SCHEMATIC DESIGN

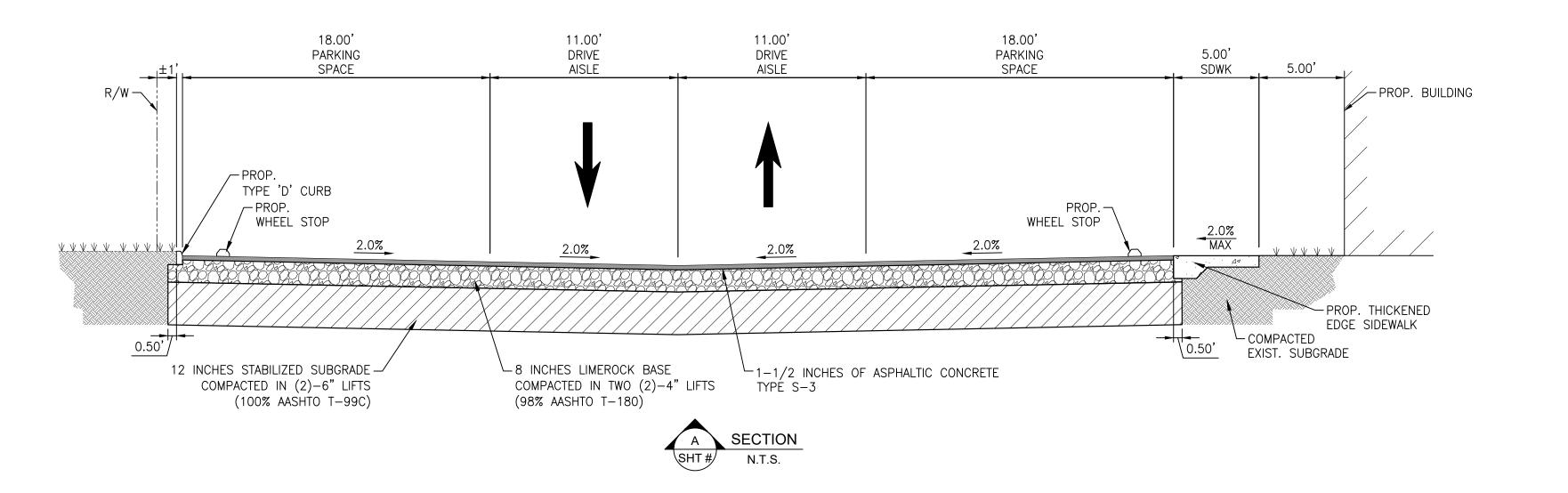
5-14-2020

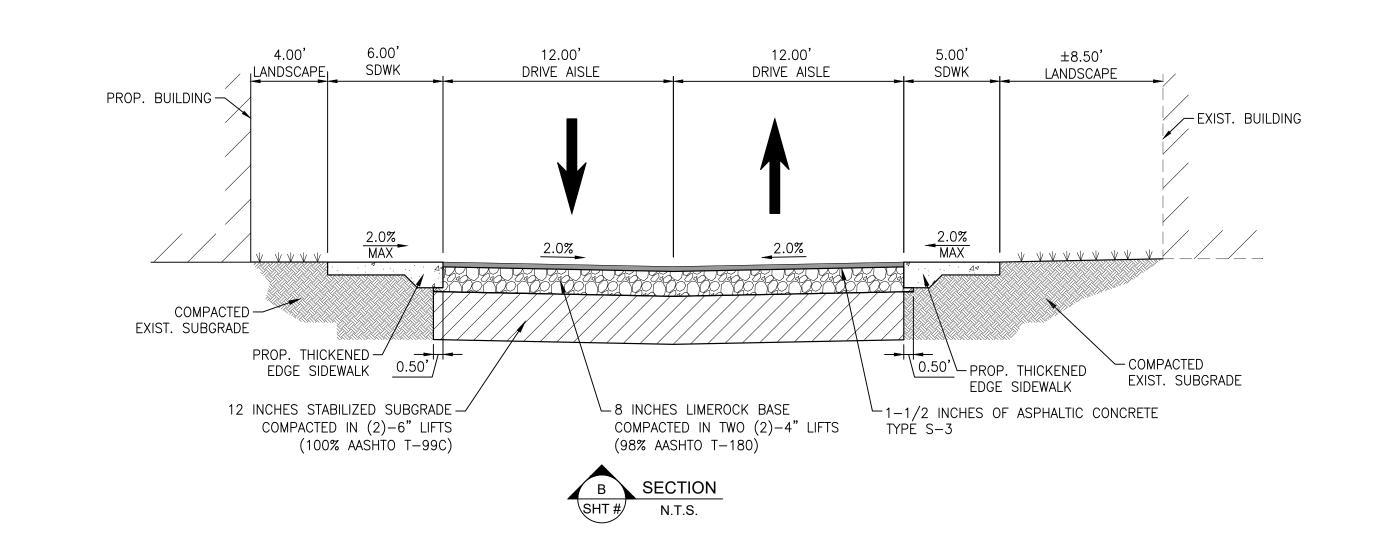
REVISIONS:

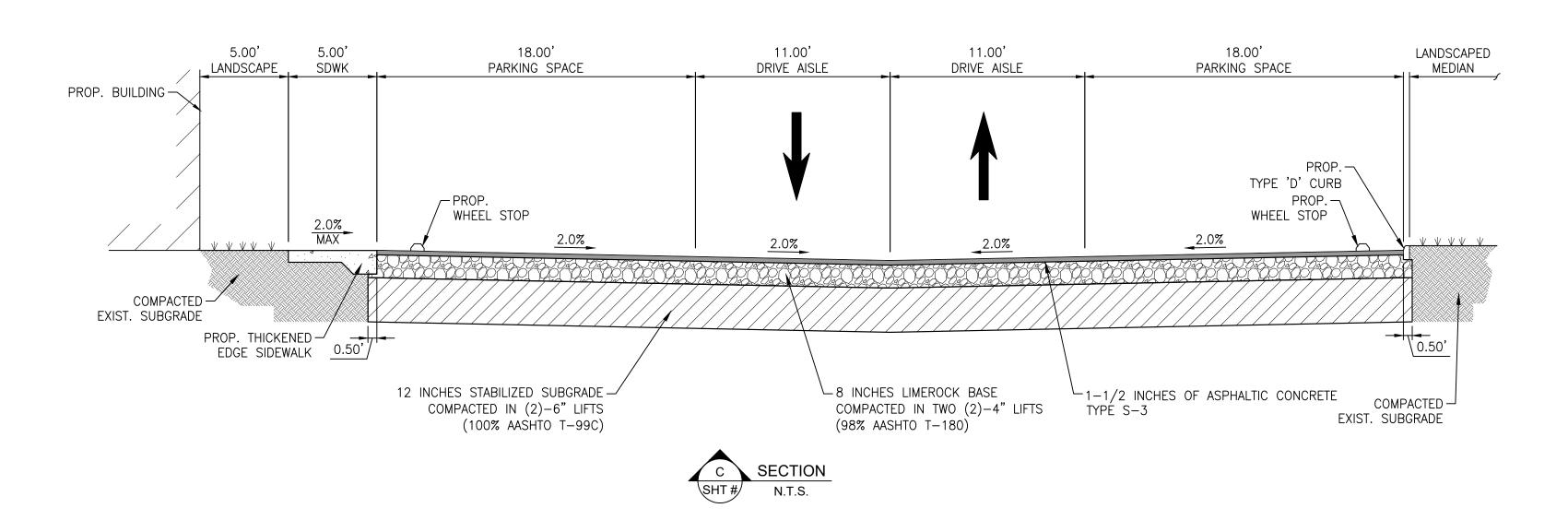
**KEY PLAN** 

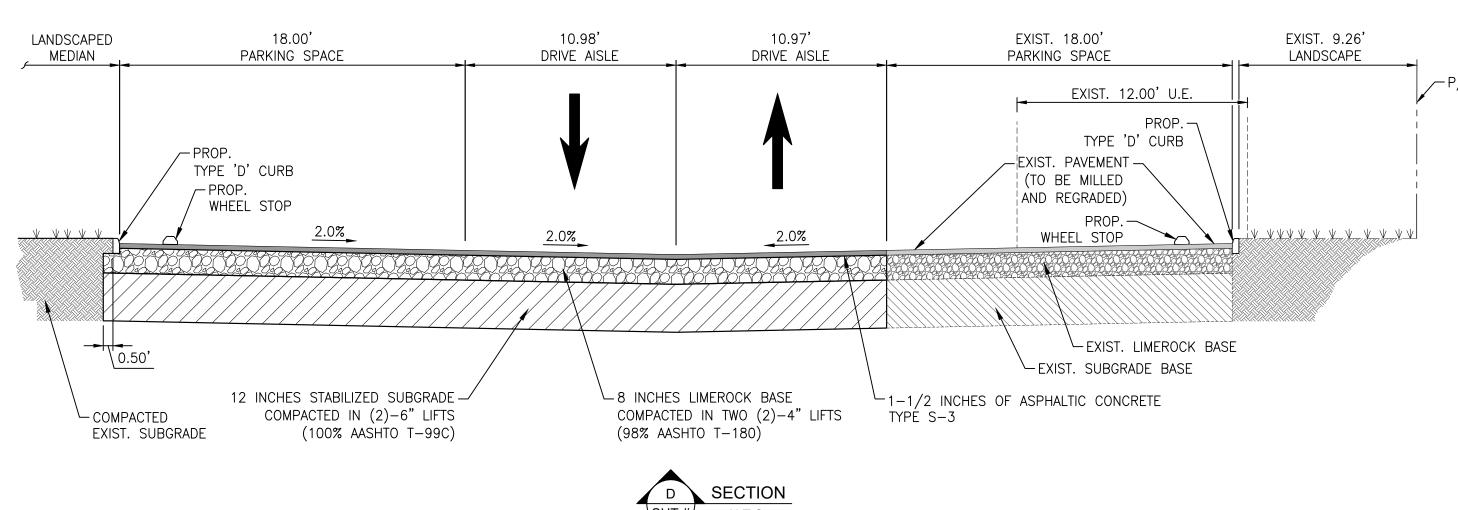
SCALE PROJ. NO. DATE 0190128.00 5/14/2020

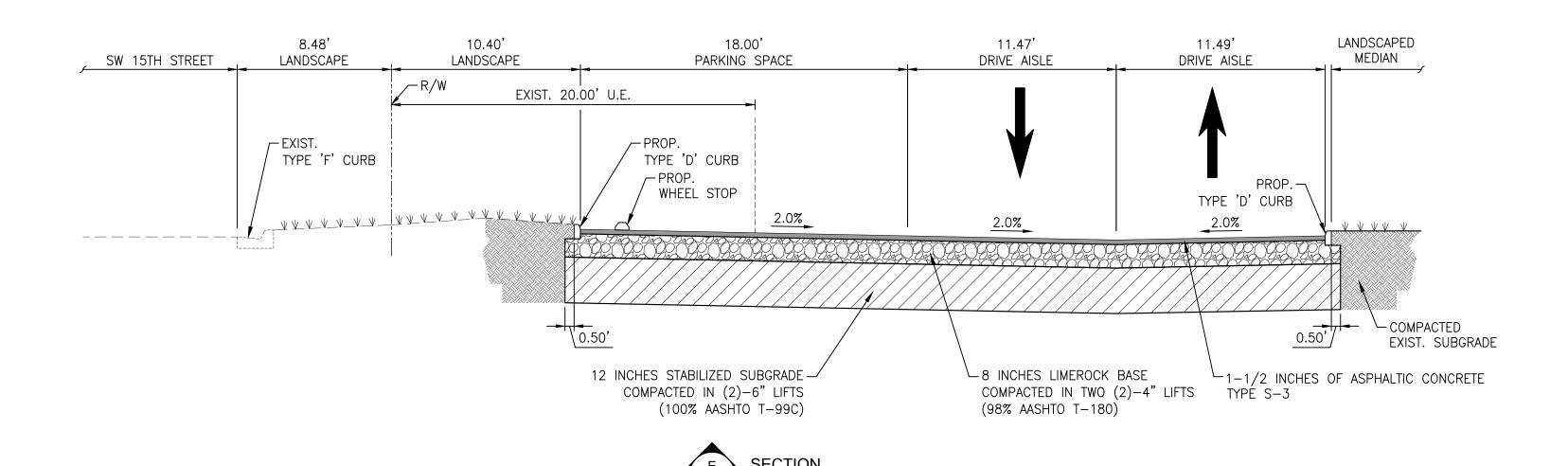
PAVING, **GRADING** AND DRAINAGE

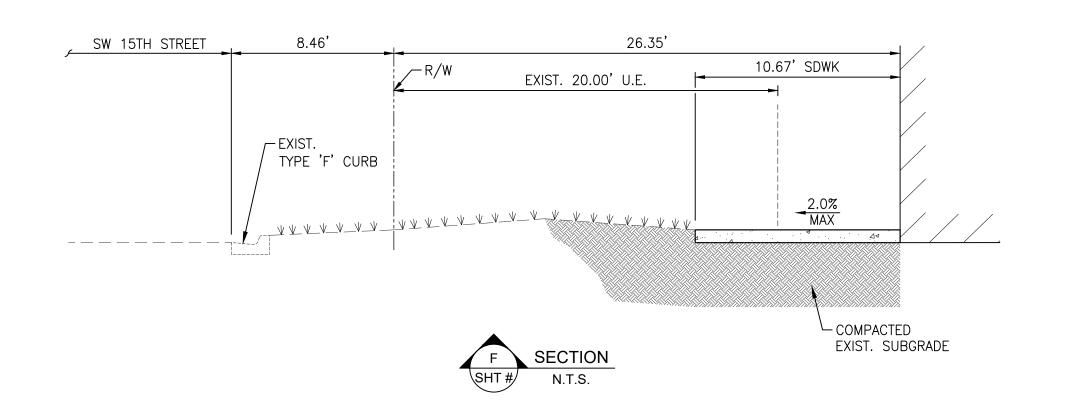












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KISLAK OFFICE BUILDING

7900 NW 154 STREET, MIAMI LAKES, FL, 33016

5-14-2020

SCHEMATIC DESIGN

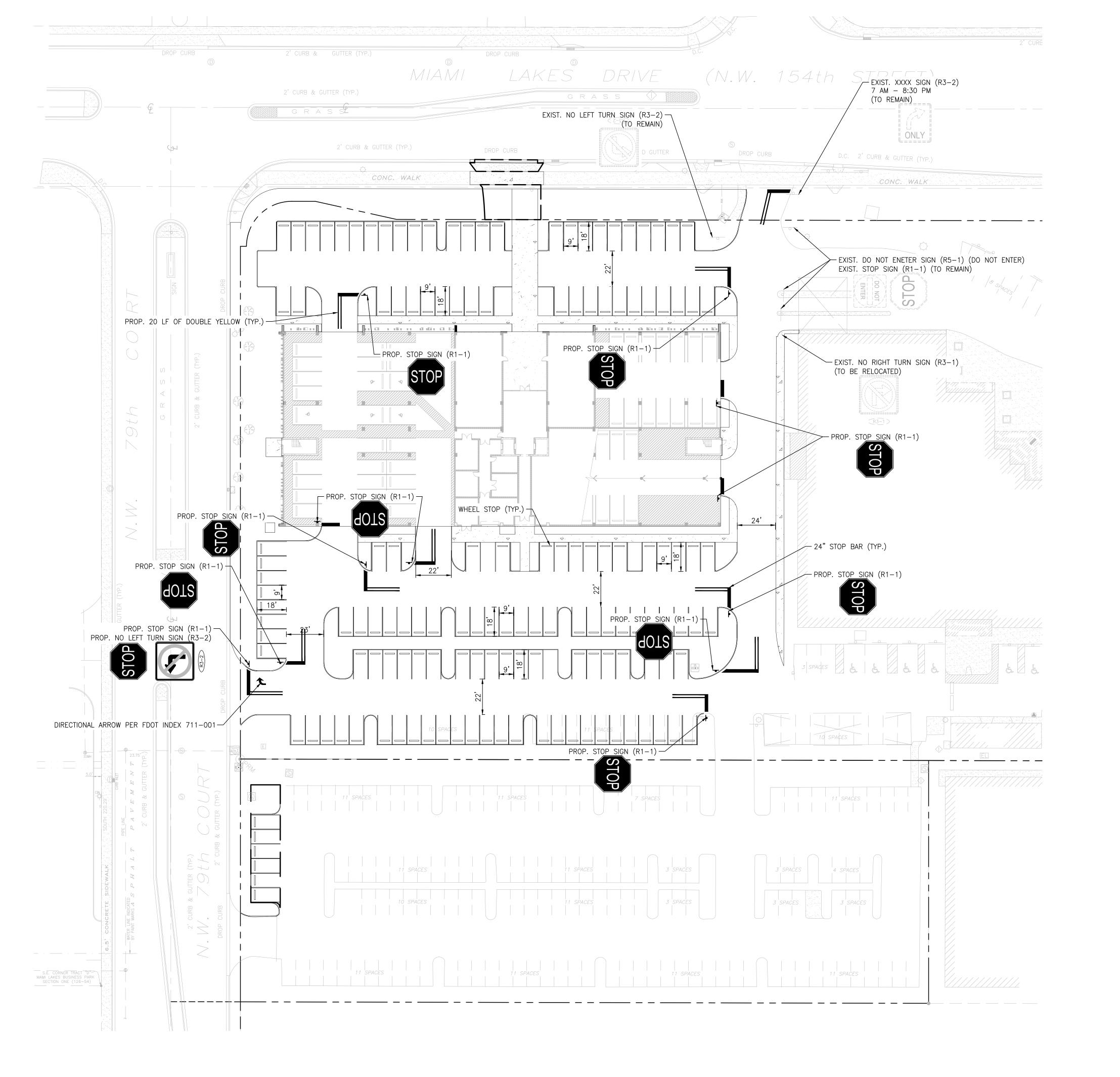
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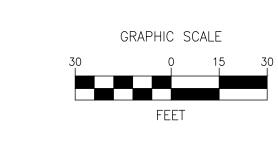
**KEY PLAN** 

SCALE

PROJ. NO. 0190128.00 DATE 5/14/2020

**TYPICAL** SECTIONS



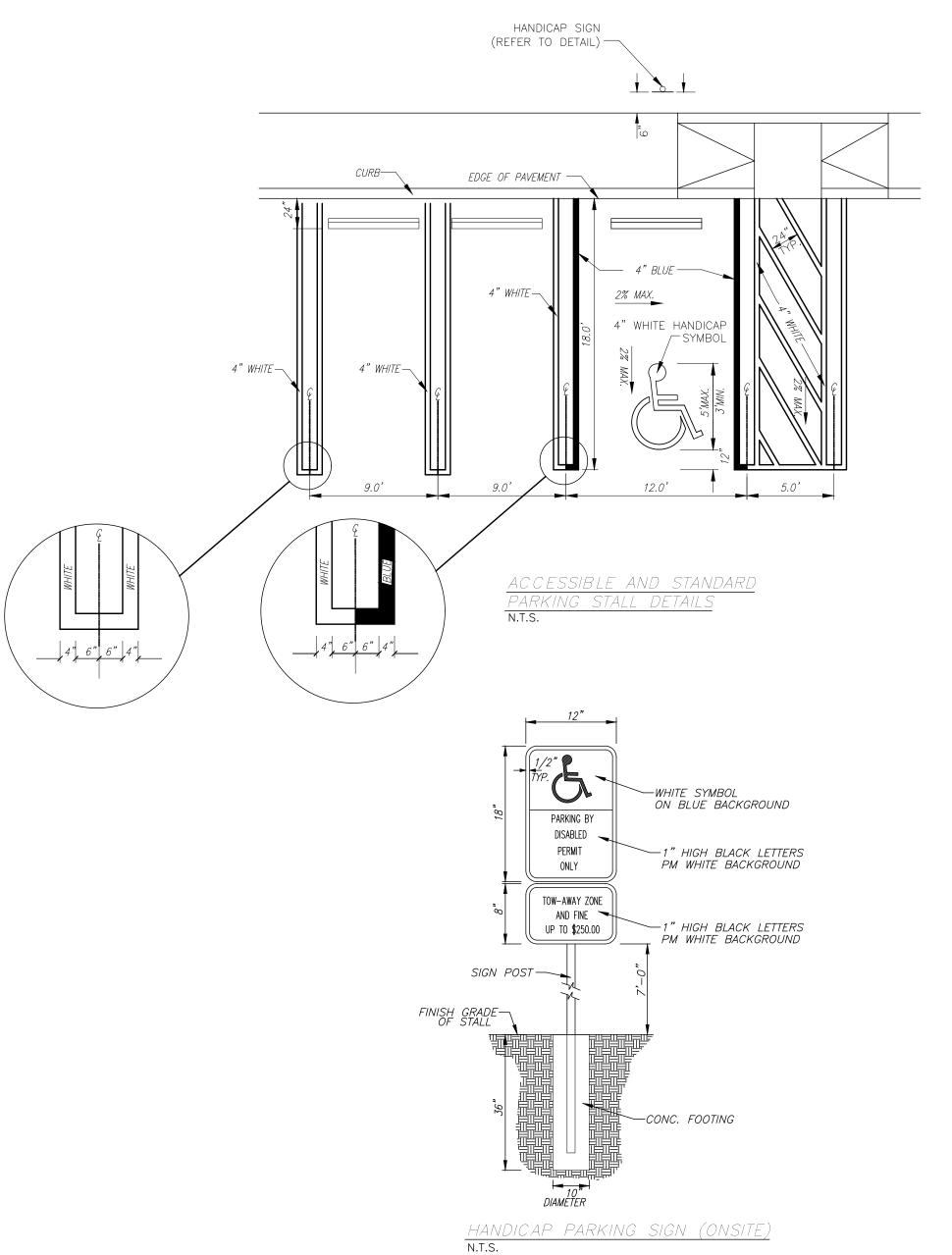


PROPOSED LEGEND

& HANDICAP PARKING

## SIGNING AND PAVEMENT MARKING NOTES

- 1. ALL SIGNING AND PAVEMENT MARKINGS INSTALLED AS PART OF THESE PLANS SHALL CONFORM TO THE CURRENT EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, M-D COUNTY STANDARDS, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS (2017). ALL SIGN PANELS SHALL BE FABRICATED TO COMPLY WITH THE MOST RECENT EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION STANDARD HIGHWAY SIGNS MANUAL.
- 2. THE CONTRACTOR SHALL MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND THE END OF THE PROJECT AND AT ALL SIDE STREETS WITHOUT JOGS AND/OR OFFSETS.
- 3. ALL PERMANENT STRIPING/MARKINGS SHALL BE THERMOPLASTIC.
- 4. SIGN ASSEMBLY LOCATIONS SHOWN ON PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, DRIVEWAYS, WHEELCHAIR RAMPS, ETC., MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER. EXTREME LOCATION CHANGES MUST BE APPROVED BY THE ENGINEER OF RECORD.
- 5. INCORRECTLY PLACED PAVEMENT MARKINGS OVER THE FINAL LIFT OF ASPHALT COURSE SHALL BE REMOVED BY MILLING AND RESURFACING THE FINAL ASPHALT LIFT A MINIMUM WIDTH OF 18 INCHES AT THE CONTRACTOR'S EXPENSE.
- 6. COST OF TEMPORARY RELOCATION OF EXISTING SIGNS SHALL BE PAID FOR UNDER THE CONTRACT.



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SHARI J. RAMIREZ, P.E. FLORIDA LIC. #: 73078 CIVIL ENGINEER OF RECORD

KISLAK OFFICE BUILDING

DATE:

7900 NW 154 STREET, MIAMI LAKES , FL, 33016

SCHEMATIC DESIGN

5-14-2020

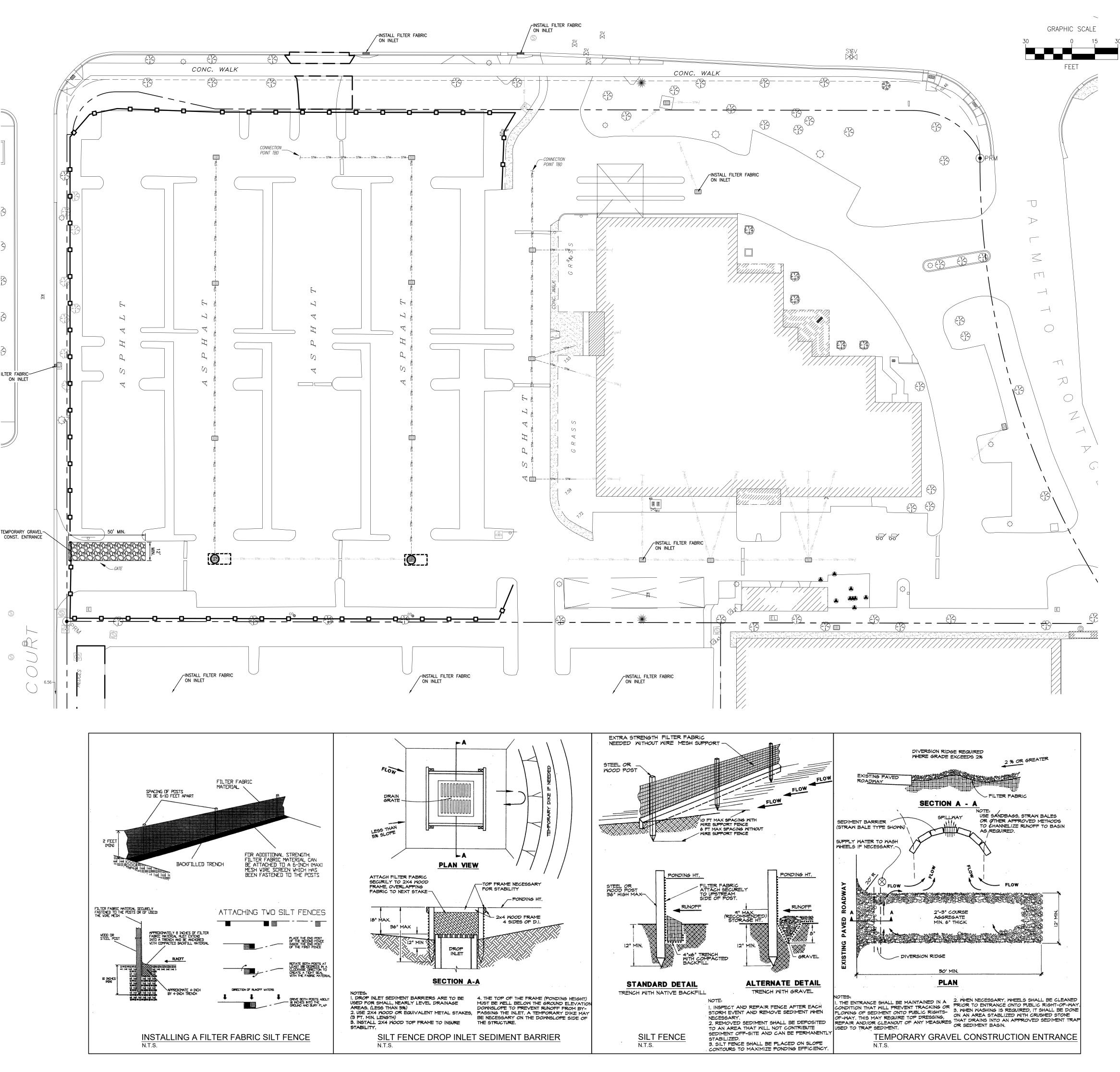
revisions:

No. Description Date

KEY PLAN

SCALE 1"=30' PROJ. NO. 0190128.00

PAVEMENT
MARKING AND
SIGNAGE PLAN
& DETAILS



EROSION CONTROL NOTES

- 1. CONTRACTOR MUST REQUEST COVERAGE UNDER THE FLORIDA GENERIC PERMIT FOR CONSTRUCTION ACTIVITIES. IN ORDER TO USE THE GENERIC PERMIT, FOR SITE WHICH DISTURB 1 OR MORE ACRES, A NOTICE OF INTENT (NOI) FORM MUST BE COMPLETED AND MAILED TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP). CONSTRUCTION ACTIVITIES SHALL NOT COMMENCE UNTIL THE FDEP ISSUES THE ACKNOWLEDGEMENT LETTER. THE GENERAL CONTRACTOR, (AND ALL SUBCONTRACTORS INVOLVED WITH ANY CONSTRUCTION ACTIVITY RELATED TO EARTHWORK, EROSION CONTROL, ETC., OR WHICH UTILIZE POSSIBLE POLLUTANTS AS DEFINED IN THE NPDES GENERIC PERMIT) MUST BE FAMILIAR WITH THE CONTENTS OF THE STORM WATER
- POLLUTION PREVENTION PLAN (SWPPP) AS WELL AS ALL THE REQUIREMENTS SET FORTH IN THE NPDES GENERIC PERMIT AND ANY APPLICABLE LOCAL PERMIT REQUIREMENTS 2. THE CONTRACTOR SHALL ADHERE TO THE SEQUENCE OF OPERATIONS FOR EROSION CONTROL IMPLEMENTATION SHOWN HEREON. ANY DEVIATION FROM THIS SEQUENCE DEEMED NECESSARY BY THE CONTRACTOR MAY REQUIRE THAT THE STORMWATER POLLUTION PREVENTION PLAN BE
- MODIFIED IN ACCORDANCE WITH THE NPDES GENERIC PERMIT GUIDELINES AND THE STORM WATER POLLUTION PREVENTION PLAN. 3. THE CONTRACTOR SHALL MODIFY THIS PLAN TO SHOW LOCATIONS OF TEMPORARY WASHDOWN
- AREAS, PORTABLE TOILETS, EQUIPMENT MAINTENANCE/REPAIR AREAS, STOCKPILE AREAS, FUEL STORAGE AREAS, SOLID WASTE RECEPTACLES, AND POLLUTANT CONTROLS FOR EACH, AS SOON AS POSSIBLE 4. THE GENERAL CONTRACTOR SHALL PERFORM ALL REQUIRED INSPECTIONS OF STORMWATER
- CONTROLS AND PRACTICES AT FREQUENCIES GIVEN IN THE NPDES GENERIC PERMIT, AND SHALL COMPLETE AND SIGN APPROPRIATE INSPECTION FORMS (AS REQUIRED IN THE STORMWATER POLLUTION PREVENTION PLAN). 5. DUST CONTROL SHALL BE ACCOMPLISHED BY WATERING DRY, EXPOSED AREAS ON A REGULAR
- BASIS. SPRAYING OF PETROLEUM BASED OR TOXIC LIQUIDS FOR THIS PURPOSE IS STRICTLY
- 6. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR AT LEAST FOURTEEN (14) DAYS SHALL BE TEMPORARILY STABILIZED WITH VEGETATION AND MULCH. 7. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED
- SHALL BE PERMANENTLY SEEDED WITHIN FOURTEEN (14) DAYS PER LANDSCAPING SPECIFICATIONS. 8. ALL VEHICLES SHALL BE CLEANED AT THE CONSTRUCTION EXIT POINTS. IF THE MAJORITY OF
- MUD OR DIRT IS NOT REMOVED FROM EXITING TRAFFIC, HOSE BIBBS SHALL BE PROVIDED AT CONSTRUCTION TRAFFIC EXIT POINTS, AND VEHICLE TIRES SHALL BE WASHED BEFORE EXITING ONTO PUBLIC ROADS. SILT FROM THIS WASHING OPERATION SHALL BE INTERCEPTED AND TRAPPED BEFORE WASHWATER IS ALLOWED TO BE DISCHARGED OFF-SITE.
- 9. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED ONTO ADJACENT ROADWAYS BY VEHICLES EXITING THE SITE SHALL BE CLEANED OR REMOVED IMMEDIATELY
- 10. CONTRACTOR SHALL PREVENT ANY SILTATION FROM ENTERING THE STORM SEWER SYSTEM. ALL INLETS AND INLET OPENINGS SHALL BE FULLY ENCIRCLED WITH APPROPRIATE INLET PROTECTION
- 11. AS PART OF THESE CONSTRUCTION PLANS, THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SEDIMENTATION AND/OR DEBRIS IN ANY TEMPORARY OR PERMANENT DETENTION PONDS, STORM SEWER INLETS AND PIPES, AND ALONG SILT FENCES, WITHIN 48 HOURS AFTER INSPECTION OF DEVICES REVEALS THE PRESENCE OF EXCESSIVE SILTATION.
- 12. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
- 13. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCE WHEN IT REACHES ONE-THIRD THE HEIGHT OF THE SILT
- 14. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS OR SEDIMENT TRAPS (IF PRESENT) SHALL BE MAINTAINED IN OPERATIONAL CONDITION AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS REDUCED BY 50%.
- 15. THE CONTRACTOR IS ADVISED TO CONSTRUCT TEMPORARY OR PERMANENT FENCING AROUND DETENTION PONDS AND SEDIMENT BASINS AT THE EARLIEST POSSIBLE TIME TO PREVENT ACCIDENTAL ACCESS BY PERSONS OR ANIMALS.
- 16. ANY ADDITIONAL EROSION CONTROL MEASURES REQUIRED TO ENSURE COMPLIANCE WITH THE NPDES GENERIC PERMIT OR LOCAL PERMIT REQUIREMENTS SHALL BE IMPLEMENTED BY THE
- CONTRACTOR, AT NO ADDITIONAL EXPENSE TO THE OWNER. 17. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND PROPERLY DISPOSED
- OF OFF-SITE WITHIN THIRTY (30) DAYS AFTER STABILIZATION OF ALL SURFACES. 18. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR DAMAGES TO ADJACENT PROPERTIES
- AND/OR PUBLIC RIGHT-OF-WAY RESULTING FROM FAILURE TO FULLY IMPLEMENT AND EXECUTE ALL EROSION CONTROL PROCESURES SHOWN AND NOTED IN THESE PLANS.
- 19. ALL SLOPES ON SITE WHICH ARE 3H:1V OR STEEPER SHALL BE STABILIZED BY TRACK WALKING (TRAVERSING UP AND DOWN THE SLOPE WITH A TRACKED VEHICLE) FOLLOWED BY INSTALLATION OF EROSION CONTROL BLANKET, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. EROSION CONTROL BLANKET SHALL BE NORTH AMERICAN GREEN \$150 OR
- APPROVED EQUAL.
- 20. A FILLER FABRIC SHALL BE INSTALLED IN INLETS WITHIN 100 FEET OF CONSTRUCTION THROUGH THE DURATION OF CONSTRUCTION.

- EROSION CONTROL SEQUENCE INSTALL CONSTRUCTION FENCING AND SILT FENCE AROUND PERIMETER OF PROJECT AREA AND DISTURBED AREAS AS SHOWN. SILT FENCE MAY BE REMOVED OR ADJUSTED IN AREAS WHERE THE
- CONTRACTOR FEELS IT IS NECESSARY FOR CONSTRUCTION PURPOSES. CONTRACTOR TO RESTORE SILT FENCE AFTER CONSTRUCTION IS COMPLETED IN THOSE AREAS.
- 2. INSTALL INLET PROTECTION FOR ALL EXISTING GRATE INLETS, CURB INLETS, AND AT THE ENDS OF ALL EXPOSED STORM SEWER PIPES, IF PRESENT.
- 3. CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE/EXIT.
- 4. COMMENCE DEMOLITION (SEE DEMOLITION PLAN), GRUBBING, AND REMOVAL OF VEGETATION IN AREA TO
- 5. COMMENCE GRADING OPERATION FOR BUILDING PAD PREPARATION (SEE GRADING PLAN). 6. INSTALL ALL UNDERGROUND UTILITIES.
- 7. INSTALL ALL PROPOSED STORM SEWER PIPES AND INSTALL SILT FENCE AT ENDS OF EXPOSED PIPES. 8. CONSTRUCT ALL GRATE INLETS AND DRAINAGE STRUCTURES. INSTALL INLET PROTECTION.
- 9. FINALIZE PAVEMENT SUBGRADE PREPARATION.
- 10. REMOVE SILT FENCES AROUND INLETS AND MANHOLES NO MORE THAN 48 HOURS PRIOR TO PLACING STABILIZED BASE COURSE.
- 11. INSTALL BASE MATERIAL AS REQUIRED FOR PAVEMENT, CURB & GUTTER.
- 12. INSTALL ALL PAVING, CURB & GUTTER.
- 13. REMOVE TEMPORARY CONSTRUCTION EXIT & PERIMETER SILT FENCES.
- 14. COMPLETE PLANTING AND/OR SEEDING OF VEGETATED AREAS TO ACCOMPLISH STABILIZATION, IN ACCORDANCE WITH THE LANDSCAPE PLAN.

PROPOSED LEGEND

TEMP. CONSTRUCTION CHAIN-LINK FENCE TURBIDITY BARRIER SILT FENCE EXIST. FLOW ARROW



INLET PROTECTION

V V V V \_\_\_\_\_ (TO BE REMOVED)

TEMP. GRAVEL
CONSTRUCTION ENTRANCE

EXIST. SOD

(TO REMAIN)

— — — CONSTRUCTION LIMITS

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SHARI J. RAMIREZ, P.E. FLORIDA LIC. #: 73078

CIVIL ENGINEER OF RECORD

KISLAK OFFICE BUILDING

7900 NW 154 STREET, MIAMI LAKES , FL, 33016

SCHEMATIC DESIGN

5-14-2020

**REVISIONS:** 

**KEY PLAN** 

1"=30'

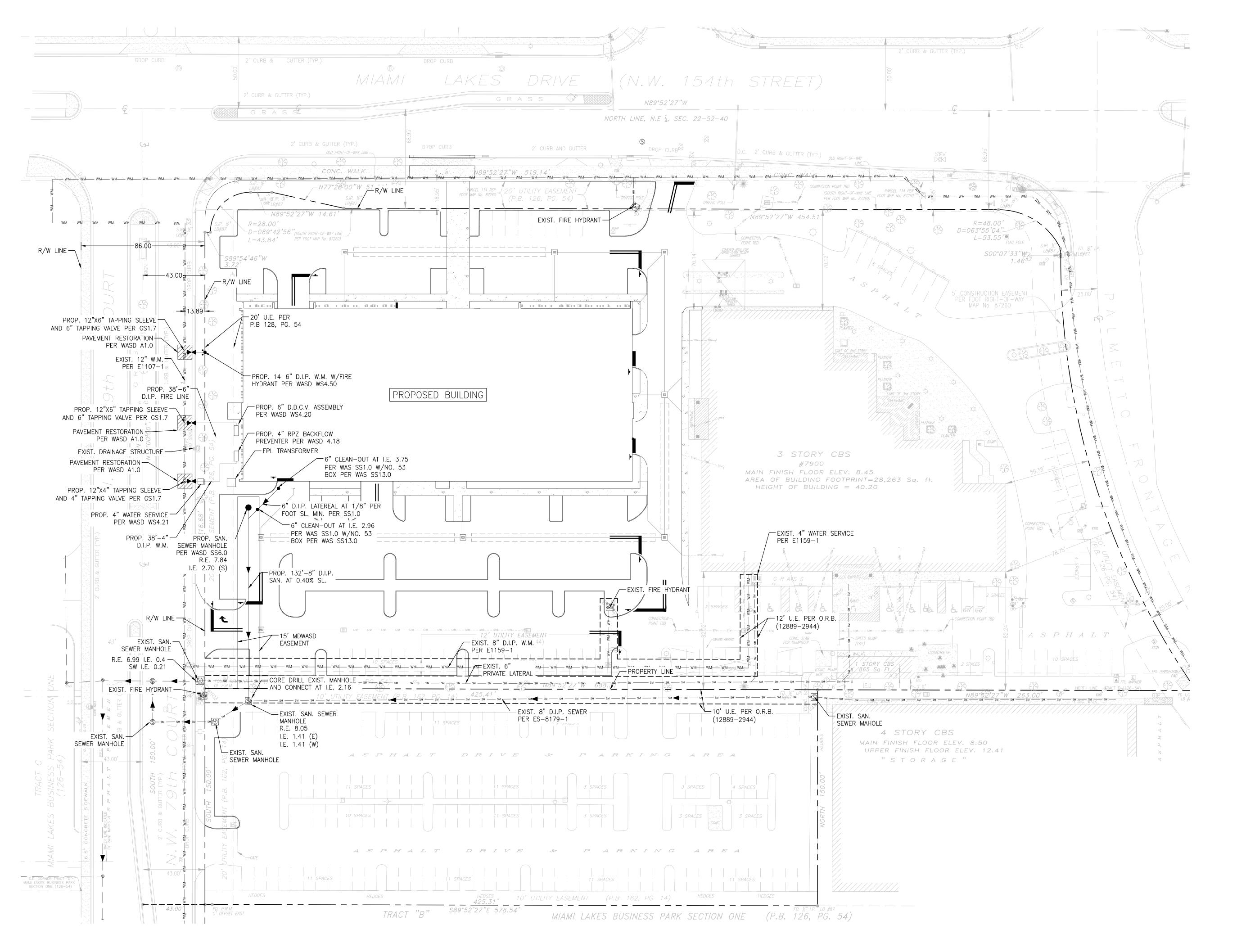
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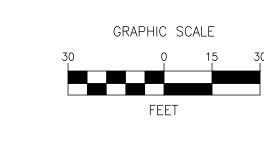
**EROSION** CONTROL PLAN & **DETAILS** 

**SCALE** 

DATE

PROJ. NO.





## PROPOSED LEGEND

PROP. WATER MAIN PROP. FIRE HYDRANT

PROP. GATE VALVE

PROP. TAPPING SLEEVE & TAPPING VALVE

PROP. TEE

PROP. 45° BEND

- PROP. SANITARY SEWER

PROP. MAINTENANCE

ACCESS STRUCTURE (MAS)

PROP. CLEAN-OUT

ARCHITECTURE, LANDSCAPE **ARCHITECTURE** 

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OFFICE BUILDING 7900 NW 154 STREET,

KISLAK

MIAMI LAKES, FL, 33016

5-14-2020

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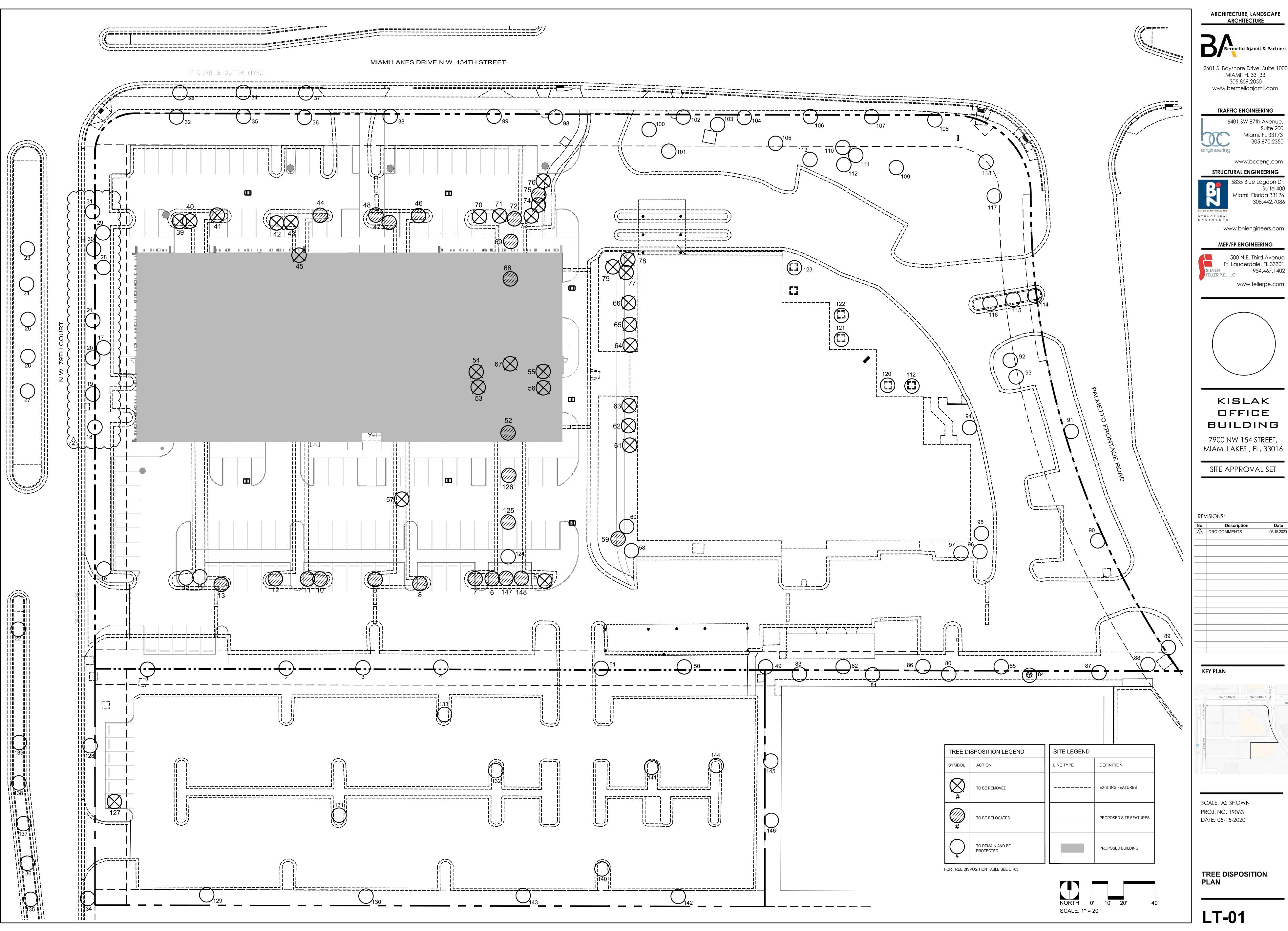
REVISIONS:

**KEY PLAN** 

SCALE PROJ. NO. 0190128.00

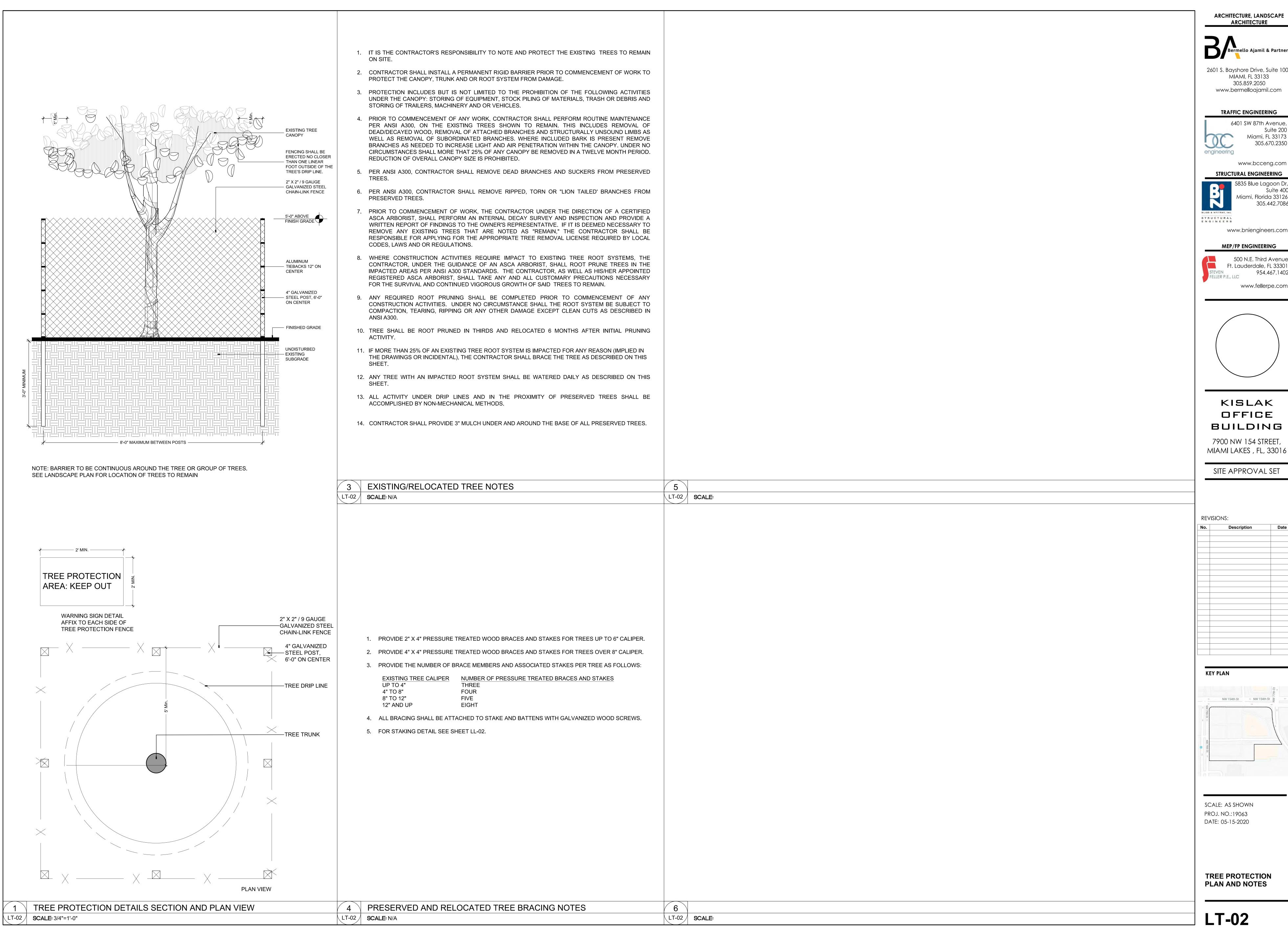
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WATER AND **SEWER** PLAN



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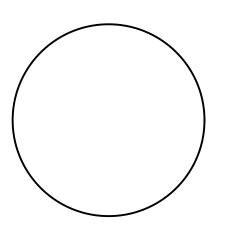
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SITE APPROVAL SET

NW 154th St ← NW 154th St ≥

SCALE: AS SHOWN

UMBER	SCIENTIFIC NAME	COMMON NAME	CONDITION	DISPOSITION	TRUNK CALIPER (FT.)		SPREAD (FT.)	COMMENTS	AREA OF CANOPY REMOVED (SQ. FT.
1	Bursera simaruba	Gumbo Limbo	GOOD	REMAIN	1.17	25	30	NATIVE	-
3	Bucida buceras Bucida buceras	Black Olive Black Olive	POOR GOOD	REMAIN REMAIN	1.25	25 25	40 40	NON NATIVE (SPECIMEN) NON NATIVE	-
4	Bucida buceras	Black Olive	GOOD	REMAIN	1.25	25	40	NON NATIVE	-
5	Sabal Palmetto	Cabbage Palm	GOOD	REMOVE	1.17	20	15	NATIVE	176.63
6	Sabal Palmetto	Cabbage Palm	GOOD	RELOCATE	1.25	20	12	NATIVE	-
7 8	Sabal Palmetto Sabal Palmetto	Cabbage Palm	GOOD	RELOCATE RELOCATE	1.17	20	12 15	NATIVE NATIVE	-
9	Sabal Palmetto	Cabbage Palm Cabbage Palm	GOOD	RELOCATE	1.25	20	15	NATIVE	-
10	Sabal Palmetto	Cabbage Palm	GOOD	RELOCATE	1.25	20	10	NATIVE	-
11	Sabal Palmetto	Cabbage Palm	GOOD	RELOCATE	1.25	20	10	NATIVE	-
12	Sabal Palmetto	Cabbage Palm	GOOD	RELOCATE	1.08	20	8	NATIVE	-
13 14	Sabal Palmetto Sabal Palmetto	Cabbage Palm	GOOD	RELOCATE	1.17 1.17	20	8	NATIVE	-
15	Sabal Palmetto	Cabbage Palm Cabbage Palm	GOOD	REMAIN REMAIN	1.17	20	10 8	NATIVE NATIVE	-
16	Bucida buceras	Black Olive	POOR	REMAIN	1.25	30	30	NON NATIVE	_
17	Bucida buceras	Black Olive	POOR	REMAIN	1.08	25	25	NON NATIVE	<u></u>
18	Roystonea elata	Royal Palm	(PŎOŘ - Ň.I.Č.	REMAIN	1.17	20	5	NATIVE	-
19	Roystonea elata	Royal Palm	GOOD - N.I.C.	REMAIN	1.17	35	15	NATIVE	-
20	Roystonea elata Roystonea elata	Royal Palm Royal Palm	GOOD - N.I.C.	REMAIN REMAIN	1.17	35 30	15 12	NATIVE NATIVE	-
22	Quercus virginiana	Live Oak	N.I.C.	REMAIN	0.67	20	20	NATIVE	
23	Roystonea elata	Royal Palm	N.I.C.	REMAIN	1.67	30	25	NATIVE	-
24	Roystonea elata	Royal Palm	N.I.C.	REMAIN	1.67	30	20	NATIVE	-
25	Roystonea elata	Royal Palm	N.I.C.	REMAIN	1.42	30	25	NATIVE	-
26	Roystonea elata	Royal Palm	N.I.C.	REMAIN	1.67	30	20	NATIVE	-
27 28	Roystonea elata Bucida buceras	Royal Palm Black Olive	N.I.C. POOR	REMAIN REMAIN	1.5 1.08	30 25	20 30	NATIVE NON NATIVE	
29	Bucida buceras  Bucida buceras	Black Olive	POOR	REMAIN	1.67	25 25	30	NON NATIVE (SPECIMEN)	-
30	Roystonea elata	Royal Palm	POOR - N.I.C.	REMAIN	1.17	30	15	NATIVE	
31	Roystonea elata	Royal Palm	POOR-NIC 2	REMAIN	1.33	30	20	NATIVE	-
32	Bucida buceras	Black Olive		REMAIN	1.67	30	40	NON NATIVE (SPECIMEN)	
33	Bucida buceras	Black Olive	N.I.C.	REMAIN	1.33	30	30	NON NATIVE	-
34 35	Bucida buceras Bucida buceras	Black Olive Black Olive	N.I.C.	REMAIN REMAIN	1.33	30 30	40 30	NON NATIVE NON NATIVE (SPECIMEN)	-
36	Bucida buceras  Bucida buceras	Black Olive		REMAIN	2	30	35	NON NATIVE (SPECIMEN)	-
37	Bucida buceras	Black Olive	N.I.C.	REMAIN	1.33	30	30	NON NATIVE	-
38	Bucida buceras	Black Olive		REMAIN	2	30	45	NON NATIVE (SPECIMEN)	-
39	Sabal Palmetto	Cabbage Palm	POOR	REMOVE	9	14	10	NATIVE	78.50
40	Sabal Palmetto	Cabbage Palm	5005	REMOVE	1.08	25	12	NATIVE	113.04
41 42	Sabal Palmetto Sabal Palmetto	Cabbage Palm Cabbage Palm	POOR POOR	REMOVE REMOVE	1.17	15 15	10	NATIVE NATIVE	78.50 78.50
43	Sabal Palmetto	Cabbage Palm	POOR	REMOVE	1.17	15	10	NATIVE	78.50
44	Sabal Palmetto	Cabbage Palm	GOOD	RELOCATE	1.17	15	12	NATIVE	-
45	Dalbergia sissoo	Indian Rosewood	POOR	REMOVE	1.25	20	30		706.50
46	Sabal Palmetto	Cabbage Palm	GOOD	RELOCATE	1.17	20	15	NATIVE	-
47	Sabal Palmetto Sabal Palmetto	Cabbage Palm	GOOD	RELOCATE	1.25	20	15 15	NATIVE	-
48 49	Bucida buceras	Cabbage Palm Black Olive	GOOD GOOD	RELOCATE REMAIN	1.08 1.33	20 30	50	NATIVE NON NATIVE	-
50	Bucida buceras	Black Olive	GOOD	REMAIN	2 X 1.25	30	50	NON NATIVE	_
51	Bucida buceras	Black Olive	POOR	REMAIN	1.44	30	50	NON NATIVE	-
52	Swietenia mahogani	Mahogany Tree	GOOD	RELOCATE	8	15	15	NATIVE	-
53	Syagrus romanzoffiana	Queen Palm	POOR	REMOVE	0.5	13	15	NON NATIVE	176.63
54 55	Syagrus romanzoffiana Syagrus romanzoffiana	Queen Palm Queen Palm	POOR POOR	REMOVE REMOVE	0.67 0.83	18 18	10 15	NON NATIVE NON NATIVE	78.50 176.63
56	Syagrus romanzoffiana	Queen Palm	POOR	REMOVE	0.83	18	20	NON NATIVE	314.00
57	Unknown		POOR	REMOVE	1.08	20	30		706.50
58	Syagrus romanzoffiana	Queen Palm	GOOD	REMAIN	1.08	25	25	NON NATIVE	-
59	Syagrus romanzoffiana	Queen Palm	GOOD	RELOCATE	1.08	25	25	NON NATIVE	-
60	Syagrus romanzoffiana Syagrus romanzoffiana	Queen Palm Queen Palm	GOOD POOR	REMAIN REMOVE	1.08	25 30	25 20	NON NATIVE NON NATIVE	314.00
61 62	Syagrus romanzoffiana	Queen Palm	POOR	REMOVE	0.83 1.08	30	20	NON NATIVE	314.00
63	Syagrus romanzoffiana	Queen Palm	POOR	REMOVE	1.08	30	20	NON NATIVE	314.00
64	Syagrus romanzoffiana	Queen Palm	POOR	REMOVE	1.08	30	25	NON NATIVE	490.63
65	Syagrus romanzoffiana	Queen Palm	POOR	REMOVE	1.08	30	25	NON NATIVE	490.63
66	Syagrus romanzoffiana	Queen Palm	POOR	REMOVE	1.08	30	20	NON NATIVE	314.00
67 68	Bursera simaruba Bursera simaruba	Gumbo Limbo Gumbo Limbo	POOR GOOD	REMOVE RELOCATE	1.17	20 20	15 20	NATIVE NATIVE	176.60
69	Bursera simaruba	Gumbo Limbo Gumbo Limbo	GOOD	RELOCATE	0.83	20	15	NATIVE NATIVE	<del>-</del>
70	Sabal Palmetto	Cabbage Palm	POOR	REMOVE	1.08	20	10	NATIVE	78.50
71	Sabal Palmetto	Cabbage Palm	POOR	REMOVE	1.17	20	11	NATIVE	94.99
72	Sabal Palmetto	Cabbage Palm	GOOD	RELOCATE	1.17	20	12	NATIVE	
73 74	Sabal Palmetto Sabal Palmetto	Cabbage Palm	POOR POOR	REMOVE REMOVE	1.17	20 20	12 12	NATIVE NATIVE	113.04
7 <b>4</b> 75	Sabal Palmetto Sabal Palmetto	Cabbage Palm Cabbage Palm	GOOD	REMOVE RELOCATE	1.17	20	12	NATIVE NATIVE	113.04
76	Sabal Palmetto	Cabbage Palm	POOR	REMOVE	1.17	20	15	NATIVE	176.63
77	Syagrus romanzoffiana	Queen Palm	POOR	REMOVE	11	30	10	NON NATIVE	78.50
78	Syagrus romanzoffiana	Queen Palm	POOR	REMOVE	1	30	10	NON NATIVE	78.50
79	Syagrus romanzoffiana	Queen Palm	POOR	REMOVE	0	0	0	NON NATIVE	-
80 81	Quercus virginiana Quercus virginiana	Live Oak Live Oak	N.I.C. N.I.C.	REMAIN REMAIN	0.33 0.25	15 15	15 10	NATIVE NATIVE	-
82	Bucida buceras	Black Olive	14.1.0.	REMAIN	2	30	30	NON NATIVE	<del>-</del>
83	Quercus virginiana	Live Oak	N.I.C.	REMAIN	0.33	15	10	NATIVE	
84	Quercus virginiana	Live Oak	N.I.C.	REMAIN	0.5	15	15	NATIVE	-
85	Bucida buceras	Black Olive		REMAIN	1.67	25	30	NON NATIVE	-
86 87	Bucida buceras Quercus virginiana	Black Olive Live Oak	N.I.C.	REMAIN REMAIN	1.67 0.83	25 25	30 20	NON NATIVE NATIVE	-
88	Bucida buceras	Black Olive	IN.L.O.	REMAIN	1.33	30	30	NON NATIVE	<del>-</del>
89	Bucida buceras	Black Olive	N.I.C.	REMAIN	1.67	30	40	NON NATIVE	-
90	Bursera simaruba	Gumbo Limbo		REMAIN	1.33	20	30	NATIVE	
91	Bucida buceras	Black Olive	N.I.C.	REMAIN	1.5	30	30	NON NATIVE	-
92	Syagrus romanzoffiana	Queen Palm		REMAIN	0.83	30	12	NON NATIVE	-
93 94	Syagrus romanzoffiana Roystonea elata	Queen Palm Royal Palm		REMAIN REMAIN	0.83 1.42	30 35	10 15	NON NATIVE NATIVE	-
95	Syagrus romanzoffiana	Queen Palm		REMAIN REMAIN	0.92	25	20	NON NATIVE	-
96	Syagrus romanzoffiana	Queen Palm		REMAIN	0.92	25	20	NON NATIVE	-
97	Syagrus romanzoffiana	Queen Palm		REMAIN	0.92	25	20	NON NATIVE	-
98	Bucida buceras	Black Olive		REMAIN	1.83	35	30	NON NATIVE (SPECIMEN)	-
99	Bucida buceras	Black Olive Black Olive		REMAIN	2.17	35 30	40 25	NON NATIVE (SPECIMEN)	-

A OF CANO OVED (SQ.	COMMENIS	SPREAD (FT.)	HEIGHT (FT.)	TRUNK CALIPER (FT.)	DISPOSITION	CONDITION	COMMON NAME	SCIENTIFIC NAME	NUMBER			
	NATIVE (SPECIMEN)	35	35	2.5	REMAIN		Live Oak	Quercus virginiana	101			
	NON NATIVE	35	35	2 X 1.67 X .67	REMAIN		Black Olive	Bucida buceras	102			
	NATIVE	12	15	0.83	REMAIN		Live Oak	Quercus virginiana	103			
	NON NATIVE	40	35	1.33	REMAIN		Black Olive	Bucida buceras	104			
	NON NATIVE (SPECIMEN)	40	35	3	REMAIN		Live Oak	Quercus virginiana	105			
	NON NATIVE (SPECIMEN)	25	30	1.67	REMAIN		Black Olive	Bucida buceras	106			
	NON NATIVE (SPECIMEN)	50	35	3	REMAIN		Black Olive	Bucida buceras	107			
	NON NATIVE	35	30	4 X 1.17 X .5	REMAIN		Black Olive	Bucida buceras	108			
	NATIVE (SPECIMEN)	30	30	1.67	REMAIN		Live Oak	Quercus virginiana	109			
	NON NATIVE	15	35	1	REMAIN		Queen Palm	Syagrus romanzoffiana	110			
	NON NATIVE	20	35	1	REMAIN		Queen Palm	Syagrus romanzoffiana	111			
	NON NATIVE	12	35	1.08	REMAIN		Queen Palm	Syagrus romanzoffiana	112			
	NON NATIVE	15	35	1.08	REMAIN		Queen Palm	Syagrus romanzoffiana	113			
	NATIVE	15	35	1.42	REMAIN		Royal Palm	Roystonea elata	114			
	NATIVE	15	35	1.5	REMAIN		Royal Palm	Roystonea elata	115			
	NATIVE	15	35	1.5	REMAIN		Royal Palm	Roystonea elata	116			
	NON NATIVE	12	20	1.25	REMAIN		Spindle Palm	Hyophorbe verschaffeltii	117			
	NON NATIVE	12	20	1.17	REMAIN		Spindle Palm	Hyophorbe verschaffeltii	118			
	NON NATIVE	6	8	0.5	REMAIN		Queen Palm	Syagrus romanzoffiana	119			
	NON NATIVE	8	8	0.5	REMAIN		Queen Palm	Syagrus romanzoffiana	120			
	NON NATIVE	8	8	0.5	REMAIN		Queen Palm	Syagrus romanzoffiana	121			
	NON NATIVE	8	8	0.5	REMAIN		Queen Palm	Syagrus romanzoffiana	122			
	NON NATIVE	7	8	0.5	REMAIN		Queen Palm	Syagrus romanzoffiana	123			
	NATIVE	12	14	0.5	REMAIN	GOOD	Mahogany Tree	Swietenia mahogani	124			
	NATIVE	15	15	0.5	RELOCATE	GOOD	Mahogany Tree	Swietenia mahogani	125			
	NATIVE	12	14	0.33	RELOCATE	GOOD	Mahogany Tree	Swietenia mahogani	126			
70	NON NATIVE	30	15	0.83	REMOVE		Hong Kong Orchid	Bauhinia blakeana	127			
	NON NATIVE	35	30	1.08	REMAIN	N.I.C.	Black Olive	Bucida buceras	128			
	NON NATIVE	25	30	1.08	REMAIN		Black Olive	Bucida buceras	129			
	NON NATIVE	50	35	2.5	REMAIN		Black Olive	Bucida buceras	130			
	NON NATIVE	30	30	1.17	REMAIN		Black Olive	Bucida buceras	131			
	NON NATIVE	25	30	1.17	REMAIN		Black Olive	Bucida buceras	132			
	NON NATIVE	30	30	1.17	REMAIN		Black Olive	Bucida buceras	133			
	NON NATIVE	30	30	1.17	REMAIN	N.I.C.	Black Olive	Bucida buceras	134			
	NON NATIVE	25	25	1.08	REMAIN	N.I.C.	Black Olive	Bucida buceras	135			
	NATIVE	12	14	0.5	REMAIN	N.I.C.	Live Oak	Quercus virginiana	136			
	NON NATIVE	30	15	1.17	REMAIN	N.I.C.	Black Olive	Bucida buceras	137			
	NON NATIVE	12	15	1.08	REMAIN	N.I.C.	Black Olive	Bucida buceras	138			
	NON NATIVE	15	15	1.08	REMAIN	N.I.C.	Black Olive	Bucida buceras	139			
	NON NATIVE	30	30	1.33	REMAIN		Black Olive	Bucida buceras	140			
	NON NATIVE (SPECIMEN)	45	30	1.5	REMAIN		Black Olive	Bucida buceras	141			
	NON NATIVE	25	30	1.25	REMAIN		Black Olive	Bucida buceras	142			
	NON NATIVE	40	35	1.5	REMAIN		Black Olive	Bucida buceras	143			
	NATIVE	10	15	0.67	REMAIN		Live Oak	Quercus virginiana	144			
	NATIVE	6	15	0.33	REMAIN	N.I.C.	Live Oak	Quercus virginiana	145			
	NATIVE	12	15	0.67	REMAIN	N.I.C.	Live Oak	Quercus virginiana	146			
	NATIVE (MISSING FROM SURVEY)				RELOCATE		Cabbage Palm	Sabal Palmetto	147			
	NATIVE (MISSING FROM SURVEY)	1			RELOCATE		Cabbage Palm	Sabal Palmetto	148			
6,61	G REMOVED (IN SQUARE FEET)	CANOPY BEIN										
) 14 TR	MITIGATION TREES REQUIRED: 1 SHADE TREE @ 12' HIGH / 500 SF OF CANOPY REMOVED 6,615.98 SF 2 500 SF =											
(	N REQUIREMENTS (SEE LL-01)			TDEES D								

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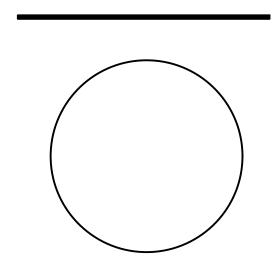
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SITE APPROVAL SET

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No.	Description	Date
$\triangle$	DRC COMMENTS	05-15-20



SCALE: AS SHOWN PROJ. NO.:19063 DATE: 05-15-2020

TREE DISPOSITION TABLE

FOR SIMPLIFICATIONS, THE TERM 'TREE/S' IS USED TO REFER TO ALL PLANT MATERIAL TO BE RELOCATED. ALSO, 'CROWN' DOES NOT REFER TO PALMS UNLESS STATED OTHERWISE ON THE DRAWINGS.

## 1.01 RELATED WORK (NOT APPLICABLE)

### 1.02 DESCRIPTION OF WORK

PROVIDE LABOR, MATERIALS, EQUIPMENT AND SERVICES TO COMPLETE THE TREE/PALM RELOCATION WORK, AS INDICATED ON THE DRAWINGS, AS SPECIFIED HEREIN, OR BOTH.

## A. INCLUDE THE FOLLOWING:

- 1. PREPARATION OF TREES FOR RELOCATION. 2. PRUNE CANOPIES AS NECESSARY OR AS DIRECTED BY AN ISA APPROVED ARBORIST
- 3. ROOT PRUNING AND HARDENING OFF.
- 3. RELOCATE TREES AS SHOWN ON THE PLANS AND BACKFILL HOLES WITH PLANTING SOIL.
- 4. STAKE OR OTHERWISE BRACE RELOCATED TREES AS SHOWN ON THE DRAWINGS.
- 5. ERECT PROTECTIVE BARRIERS BEFORE AND AFTER RELOCATION.
- 6. PROVIDE CONTINUOUS IRRIGATION.
- 7. FERTILIZE, SPRAY, PRUNE, AND MAINTAIN IN HEALTHY CONDITION UNTIL FINAL ACCEPTANCE. 8. FILL TREE PITS AT OLD LOCATIONS OF TREES WITH PLANTING SOIL MIXTURE AND SOD THE AREA.

- 1.03 QUALITY ASSURANCE A. THE SUPERVISORS USED FOR TRANSPLANTING EXISTING SHRUBS, TREES, AND OR PALMS SHALL HAVE A MINIMUM OF FIVE (5) YEARS EXPERIENCE IN THE FIELD OF RELOCATION OF SIMILAR TYPE PLANT MATERIALS AND SHALL BE A MEMBER OF THE AMERICAN ASSOCIATION OF NURSERYMEN.
- ENGAGE AND OR RETAIN THE SERVICES OF A CERTIFIED MEMBER OF THE AMERICAN SOCIETY OF CONSULTING ARBORISTS (ISA) TO OBSERVE, MONITOR, AND DIRECT ALL TREE RELOCATION PROCEDURES. INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) MEMBERSHIP/CREDENTIALS' ONLY, IS NOT SUFFICIENT FOR THE REQUIREMENTS OF THIS PROJECT. ISA MEMBER MUST BE PRESENT FOR ALL RELOCATION PROCEDURES. A WEEKLY INSPECTION MUST BE CONDUCTED BY THE ISA MEMBER AFTER RELOCATION IS COMPLETE TO EVALUATE THE GENERAL HEALTH OF TREES. A WRITTEN SUMMARY OF FINDINGS MUST BE PROVIDED TO THE OWNER'S REPRESENTATIVE WEEKLY DURING RELOCATION AND ESTABLISHMENT PERIOD.
- C. FOR NAMES AND LOCATIONS OF QUALIFIED ISA MEMBERS VISIT WWW.ISA-ARBOR.COM.
- PROTECTION OF EXISTING, TREES, SHRUBS, AND PALMS:
  - 1. PROTECT WITH BARRICADES AS DETAILED ON THE DRAWINGS TO PREVENT ENCROACHMENT BENEATH
  - 2. REPLACE EXISTING TREES OR SHRUBS THAT ARE DAMAGED, SCARRED, OR DESTROYED BY THE CONTRACTOR WITH SAME SPECIES, SIZE AND QUALITY.

A. SUBMIT A LIST OF EQUIPMENT, PROCEDURE, AND LABOR FORCE FOR USE IN TRANSPLANTING WORK.

- B. SUBMIT A DAILY RELOCATION SCHEDULE.
- C. SUBMIT MANUFACTURER'S LITERATURE ON WETTING AGENTS, FERTILIZERS, AND CONDITIONERS.
- D. ARBORIST MUST PROVIDE TO THE OWNER'S REPRESENTATIVE WEEKLY REPORTS WHICH SHALL INCLUDE:
  - 1. SUMMARY OF SITE ACTIVITIES AND CONDITIONS RELATING TO ALL TREES ONSITE.
  - 2. EVALUATION OF EACH TREE'S CONDITION.
  - 3. RECOMMENDATIONS ON WHAT SHOULD BE DONE TO IMPROVE SURVIVABILITY OF RELOCATED TREES.

# 1.05 EXISTING CONDITIONS

A. NO REPRESENTATIONS ARE MADE AS TO SUBSURFACE CONDITIONS.

B. CONTRACTOR MUST FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES, STRUCTURES AND PLANT MATERIAL.

# PART 2 - PRODUCTS

### 2.01 FERTILIZER A. FERTILIZER MIX:

- 1. A MIXTURE OF UREAFORM AMMONIUM PHOSPHATE AND SOLUBLE POTASH SUSPENDABLE POWDER TO BE DILUTED IN WATER AT A RATE OF 40 POUNDS OF FERTILIZER PER 100 GALLONS OF WATER.
- 2. USE FORMULA 30410 WITH 50% NITROGEN IMMEDIATELY AVAILABLE FOR RELEASE AND 50% SLOW RELEASE
- OVER TWELVE MONTHS. 3. PRODUCT: USE ARBORGREEN AS MANUFACTURED BY LESCO, INC. OR AN APPROVED EQUAL.

# B. WETTING AGENT:

- 1. LESCO WET AS MANUFACTURED BY LESCO, INC. OR AN APPROVED EQUAL
- 2. DILUTE AT A RATE RECOMMENDED BY THE MANUFACTURER.

- C. MINOR ELEMENT:
  - MICRO MIX LIQUID AS PRODUCED BY LESCO, INC. OR AN APPROVED EQUAL.

- 2. DILUTE IN WATER AT A RATE RECOMMENDED BY THE MANUFACTURER.
- D. TIME RELEASE FERTILIZER TABLETS: AGRIFORM, 15 GRAM, DESIGNATION 20-10-5, OR APPROVED EQUAL.
- E. USE THE FOLLOWING MIXTURE FOR DEEP ROOT FERTILIZER FOR TRANSPLANTED SHRUBS, TREES, AND PALMS:
  - 1/3 LIQUID FERTILIZER MIX 1/3 WETTING AGENT MIX
  - 1/3 MINOR ELEMENT MIX

USE INJECTION EQUIPMENT THAT AGITATES THE MIXTURE FOR UNIFORMITY OF APPLICATION.

## 2.02 SOIL BACKFILL/PLANTING SOIL MIX A. PLANTING SOIL MIX:

- 1. SOIL USED FOR PLANTING SHALL BE FREE FROM STICKS, ROOTS, STONES, OR OTHER EXTRANEOUS MATERIAL DETRIMENTAL OR INJURIOUS TO PLANTS. PARTICULAR CARE SHOULD BE TAKEN TO REMOVE PIECES OF
- MORTAR, CEMENT, WOOD, AND OTHER SIMILAR REMAINS OF CONSTRUCTION FROM ALL PLANTING AREAS. 2. SOIL USED FOR PLANTING MIX SHALL BE 50% EXISTING/SURROUNDING SOIL AND 50% IMPORTED (CONSISTING
- OF 1/3 APPROVED SOIL BACKFILL, 1/3 FLORIDA PEAT, AND 1/3 CLEAN D.O.T. SAND). 3. "ACCEPTABLE SOIL BACKFILL" AND ANY IMPORTED SOIL USED ON THE PROJECT SHALL BE A NATURAL, FERTILE, FRIABLE SOIL POSSESSING CHARACTERISTICS REPRESENTATIVE OF A WELL-DRAINED AREA IN FLORIDA. SOIL
- CONTAINING MUCK OR POORLY DRAINED SOILS SHALL NOT BE USED. 4. PRIOR TO INSTALLATION OF PLANT MATERIAL IN PLANTERS (AREAS SUCH AS ROADWAY MEDIANS THAT ARE SURROUNDED BY CONCRETE OR PAVEMENT), ALL MATERIAL (INCLUDING BUT NOT LIMITED TO COMPACTED EARTH, ROAD ROCK OR CONSTRUCTION DEBRIS) SHALL BE REMOVED TO A MINIMUM DEPTH OF 3-0" AND BACKFILLED WITH SOIL BACKFILL.

# 2.03 BRACING AND STAKING

- A. STAKE OR OTHERWISE BRACE RELOCATED TREES/PALMS AS SHOWN ON THE DRAWINGS (LL-03)
- WRAP TRUNK WITH THREE LAYERS OF BURLAP ATTACHED BATTENS TO TRUNK WITH TWO METAL STRAPS.
- ALL BRACES SHALL BE ATTACHED AT THE GROUND WITH STAKES AS SHOWN ON LL-03
- PROVIDE 2" X 4" PRESSURE TREATED WOOD BRACES FOR TREES/PALMS UP TO 6" CALIPER PROVIDE 4" X 4" PRESSURE TREATED WOOD BRACES FOR TREES/PALMS OVER 8" CALIPER
- PROVIDE THE NUMBER OF MEMBER BRACES PER TREE AS FOLLOWS: NUMBER OF PRESSURE TREATED BRACES
  - CALIPER UP TO 4" THREE BRACES
  - 4" TO 8" FOUR BRACES 8" AND UP FIVE BRACES
- ALL BRACING SHALL BE ATTACHED TO STAKE AND BATTENS WITH GALVANIZED WOOD SCREWS.

- A. FREE OF SUBSTANCES HARMFUL TO PLANT GROWTH, OBJECTIONABLE ODOR OR STAINING AGENTS.
- B. THE WATER USED FOR ESTABLISHMENT OF PLANT MATERIAL SHALL BE CLEAN AND FREE OF DIRT, DEBRIS, POISONS, PESTICIDES, CONTAMINANTS AND ANY OTHER MATERIAL OR COMPOUND THAT IS DETRIMENTAL OR INHIBITS VIGOROUS PLANT GROWTH
- PROVIDED BY THE CONTRACTOR AND OBTAINED FROM ITS SOURCE LEGALLY. WATER DRAWN FROM CANALS AND OR LAKES AND ACCESS THEREOF WILL BE DONE ONLY WITH THE EXPRESS WRITTEN APPROVAL OF THE OWNER OF SAID PROPERTY AND OR APPLICABLE FEDERAL, STATE AND LOCAL LAWS, REGULATIONS, STANDARDS OR OTHER REGULATORY REQUIREMENTS.
- CONTRACTOR SHALL ROUTINELY AND REGULARLY PROVIDE SUFFICIENT SUPPLEMENTAL WATER TO RELOCATED AND EXISTING TREES IMPACTED BY CONSTRUCTION ACTIVITIES, AS WELL AS RELOCATED TREES, TO PROVIDE FOR VIGOROUS PLANT HEALTH AND GROWTH.

## PART 3 - EXECUTION

## 3.01 GENERAL PREPARATION

- A. CONTRACTOR TO VERIFY THAT TREES IN THE FIELD MATCH TREES DESIGNATED ON THE DRAWINGS. OBTAIN CONCURRENCE OF THE OWNER'S REPRESENTATIVE PRIOR TO CROWN PRUNING.
- REMOVE TREES, SAPLINGS, SHRUBS, BUSHES, VINES AND UNDERGROWTH THAT INTERFERE WITH RELOCATION. HAND-CLEARING ONLY IS PERMITTED WITHIN THE DRIP-LINE OF TREES TO BE RELOCATED.
- C. CLEAR THE ROOT BALL AREA BY HAND ONLY OF FOREIGN MATERIAL AND TRASH TO EXPOSE UNDISTURBED SOIL.
- D. VERIFY PERCOLATION RATES AND SOIL'S ACCEPTABILITY AT LOCATIONS TO WHICH THE TREES ARE TO BE TRANSPLANTED.
- E. ALL TREES SHALL BE PRE-TIED IN OR TIED BACK TO PREVENT BREAKAGE AND SCRAPING OF LIMBS IN ORDER TO FACILITATE MACHINERY MOVEMENT

## 3.02 PREPARATION PRIOR TO RELOCATION

- A. IN THE PRESENCE AND DIRECTION OF ISA MEMBER, PERFORM CROWN PRUNING BETWEEN 30 AND 60 DAYS PRIOR TO TRANSPLANTING.

## B. ALL TREES SHALL BE PRE-PRUNED USING CLASS 4 SPECIFICATIONS

- C. FERTILIZATION AND WATERING:
- 1. INJECT THE FERTILIZER MIXTURE INTO THE SOIL WITHIN 24 HOURS AFTER CROWN PRUNING, AND AT A MINIMUM OF 14 DAYS PRIOR TO RELOCATION.
  - 2. INJECT THE DEEP ROOT FERTILIZER MIXTURE AT A RATE RECOMMENDED BY THE MANUFACTURER INTO THE ROOT ZONES OF SHRUBS, TREES, AND PALMS TO BE RELOCATED.
  - 3. ALL TREES SHOULD BE WATERED IN THE FIELD PRIOR TO TRANSPLANTING USING A MINIMUM OF 50
  - GALLONS PER TREE. 4. WATER IS TO BE PROVIDED BY THE CONTRACTOR AND OBTAINED LEGALLY.

## D CROWN PRUNING:

- 1. TRIM TREES TO BE RELOCATED BY THINNING THE CROWN ONLY, AND NOT BY REDUCING CROWN DIMENSIONS. TRIM TO CONFORM TO ANSI A300 AND IFAS CIR853 STANDARDS, INCLUDING REMOVAL OF
- DEAD WOOD. REPAIR INJURIES TO TREES INCLUDING CAVITIES AND MACHINERY MARKS. 2. REMOVE SEEDPODS FROM SABAL PALMS, AND ALL BUT TEN OF THE YOUNGEST FRONDS. TRIM BOOTS TO A CLEAN, REGULAR PATTERN.
- 3. REMOVE TRIMMINGS OFF-SITE AND DISPOSE OF IN ACCORDANCE WITH THE CITY CODE. 4. UNDER NO CIRCUMSTANCE SHALL MORE THAN 30% OF THE CANOPY BE REMOVED.

# E. ROOT PRUNING

- 1. PERFORM ROUGH PRUNING AT NO LESS THAN HALF THE DISTANCE BETWEEN THE DRIP LINE AND THE
- 2. PROVIDE TEN INCHES (10") OF ROOT BALL DIAMETER FOR EVERY 1" OF TRUNK CALIPER (MEASURED AT 12"
- 3. MINIMUM BALL DEPTH FOR BROADLEAF TREES: BALL DIAMETER MINIMUM DEPTH 36" 48" 60% OF
- DIAMETER 48" AND UP 35" MINIMUM 4. LEAVE ROOTS WITH A SMOOTH, CLEAN CUT WITHOUT TEARS OR SPLITS.
- 5. TREES TO BE RELOCATED WITH A CALIPER IN EXCESS OF TWELVE INCHES (12") SHALL BE ROOT PRUNED
- 6. PRIOR TO TRANSPLANTING, PRUNE ROOT SYSTEM IN THIRDS, 8 WEEKS APART. 7. BACKFILL TRENCH WITH SUGAR SAND.

# F. IRRIGATION AND WATER

1. PROVIDE A MINIMUM OF THREE TIMES PER WEEK HAND WATERING OF EACH TRANSPLANTED TREE. RATE OF WATER APPLICATION SHALL BE: A MINIMUM OF 20 GALLONS OF WATER PER INCH OF CALIPER PER APPLICATION.

# G. PROTECTION:

1. ERECT TREE PROTECTION MEASURES AS SHOWN ON THE DRAWINGS TO PROTECT INDIVIDUAL OR GROUPS OF TREES TO BE TRANSPLANTED.

# 3.03 RELOCATION

- A. GENERAL VERIFY THE PRESENCE OF VIGOROUS FEEDER ROOTS PRIOR TO RELOCATION OPERATIONS.
  - 2. INJECT DEEP-ROOT FERTILIZER MIXTURE INTO THE SOIL14 DAYS PRIOR TO TRANSPLANTING. APPLY AT A RATE RECOMMENDED BY THE MANUFACTURER INTO ROOT ZONES OF TREES AND PALMS.
  - SOAK TREE BALLS TO THE FULL DEPTH DAILY FOR SEVEN CONSECUTIVE DAYS PRIOR TO RELOCATING. 4. LOCATE POSITION AND ELEVATION WHERE TREES ARE INTENDED TO BE PLANTED FOR VERIFICATION BY OWNER'S REPRESENTATIVE.
  - 5. SELECT A MOVING ROUTE WHERE OVERHEAD AND UNDERGROUND UTILITIES, EXISTING OR PROPOSED, DO NOT CONFLICT WITH THE TRANSPLANTING PROCESS. COORDINATE THE ROUTE AND MOVING SCHEDULE
  - WITH THE OWNER'S REPRESENTATIVE AND OTHER TRADES. 6. NOTIFY THE OWNER'S REPRESENTATIVE 24 HOURS IN ADVANCE OF EACH RELOCATION TO ALLOW FOR OBSERVATION OF PROCEDURES.

- 1. A 65" TRANSPLANTING MACHINE WILL BE SUFFICIENT FOR TREES UP TO 4" CALIPER BUT NO LARGER.
- 2. A BIG JOHN MODEL 90 MACHINE WILL BE SUFFICIENT FOR TREES UP TO 8" IN CALIPER
- 3. A 102" MACHINE WILL BE SUFFICIENT FOR TREES 9" 12" IN CALIPER 4. HAND DIGGING (BALL AND BURLAP) IS ACCEPTABLE AND MAY BE USED AT THE DISCRETION OF THE ISA
- 5. ALL CALIPERS ARE MEASURED AT 1 FT. ABOVE EXISTING GRADE.
- 6. ALL TRANSPLANTING MACHINES WILL HAVE CLEAN, TIGHT-FITTING SHARP BLADES.
- ANY MACHINE DEEMED "LOOSE" BY THE ISA MEMBERS WILL BE REJECTED AS UNSATISFACTORY 8. TREES TO BE RELOCATED WITH A CALIPER IN EXCESS OF TWELVE INCHES (12") SHALL BE RELOCATED VIA

C. DIGGING AND MOVING 1. DIG PITS A MINIMUM OF 42" DEEP WITH VERTICAL SIDES AND NET BOTTOM.

TREE BOX OR OTHER APPROVED METHOD.

- 2. HANDLE TREES TO AVOID DAMAGE TO BARK AND LIMBS. ATTACH SUPPORT STRAPS. CABLES. OR CHAINS AT MULTIPLE POINTS FOR WEIGHT DISTRIBUTION.
- 3. DO NOT FORCE TREE FROM GROUND PRIOR TO UNDERCUTTING ROOT BALLS, DETERMINE FINAL BALL DEPTH UPON ASSESSING CONDITIONS AT TIME OF TRENCHING. NOTIFY OWNER'S REPRESENTATIVE IF BALL DEPTH VARIES FROM SPECIFIED DEPTH. 4. SABAL PALMS MAY BE RELOCATED BY MEANS OF TREE SPADE AT THE DISCRETION OF THE CONTRACTOR.
- OTHERWISE, LIFT SIMILARLY TO CANOPY TREES. 5. TREES ARE TO BE PLACED IN HEAVY GRADE BASKETS LINED WITH TWO LAYERS OF BURLAP FOR
- RELOCATION PROCEDURES OR PRIOR TO PLACEMENT IN HOLDING AREA (IF APPLICABLE). 6. PLANT TOP OF ROOT BALLS THREE-INCHES (3") ABOVE FINISH GRADE.
- 7. ALL TREES TRANSPLANTED IN ANY GIVEN DAY WILL BE WATERED IN, SANDED, MULCHED, AND UNTIED THAT SAME DAY.

- D. TREES IN HOLDING AREA (IF APPLICABLE)
  - 1. LOCATE ROOT BALLS AS CLOSE TOGETHER WITHOUT DAMAGING THE CROWN OF THE TREE
  - 2. ALL TREES SHALL BE SET IN HOLES 3"-6" ABOVE EXISTING GRADE IN THE TREE HOLDING AREA.
  - 4. IMMEDIATELY BACKFILL VOIDS BETWEEN ROOT BALLS AND WATER IN TO REMOVE AIR POCKETS. 5. SOIL HEIGHT TO BE AT THE TOP OF THE ROOT BALL. NO ADDITIONAL FILL OR SOIL SHALL BE PLACED ON
  - ROOT BALL. 6. PROVIDE HOLE IN HOLDING AREA THAT IS THE SAME SIZE AS THE TREE ROOT BALL.

## E. TREE SUPPORTS

2. BUTTRESSES MAY SUPPORT SEPARATE TRUNKS ON MULTIPLE TRUNK TREES

- B. DAILY WATERING AND MONITORING SHALL BE PERFORMED DURING THE TERM OF THE CONSTRUCTION CONTRACT AND
- D. A TENSIOMETER SHALL BE UTILIZED TO MEASURE AND MONITOR AVAILABLE MOISTURE IN THE GROUND. WEEKLY

- 1. DIG PITS TO RECEIVE TRANSPLANTS WITH VERTICAL SIDES, FLAT BOTTOMS, SAME DEPTH AS THE TREE ROOT
- 2. ALL PLANTING SOIL/SOIL BACKFILL TO BE USED IN PLANTING PITS SHALL BE AMENDED WITH AGRODIAMONDS,
- RECOMMENDED APPLICATION METHODS AND RATES. 3. PLACE TREE IN PIT AND ROTATE PRIOR TO SETTING TO ACHIEVE BEST POSITIONING RELATIVE TO ADJACENT
- TREES AND VIEWING ANGLES. 4. ALL PLANT PITS AND BACK FILL MATERIAL MUST BE FREE OF ALL DEBRIS AND ROCKS IN EXCESS IF 1/2" IN
- 6. FLOOD BOTTOM SOIL LAYER TO SETTLE TREE INTO BEST POSITION AND TO REMOVE AIR POCKETS.
- MECHANICAL COMPACTION OF SOIL BACKFILL IS STRICTLY PROHIBITED.
- SOIL ADDITIVES 1. AGRODIAMONDS NA (SODIUM) OR APPROVED EQUAL BASE SOIL POLYMER SUPER ABSORBENT TO BE USED IN
- ALL RELOCATED PLANT MATERIAL AT THE MANUFACTURERS RECOMMENDED APPLICATION METHODS AND 2. AGRODIAMONDS WITH A PARTICLE SIZE RANGE OF .5MM TO 2.8MM.

- A. THE CONTRACTOR SHALL MAINTAIN ALL TRANSPLANTED MATERIAL IN A HEALTHY CONDITION UNTIL FINAL ACCEPTANCE.

- A. FOR THE PURPOSE OF ESTABLISHING AN "ACCEPTANCE" STANDARD, PLANTS SHALL BE HEALTHY AND EXHIBIT
- **EVIDENCE OF ESTABLISHING NEW ROOTS** 1. PERFORM OPERATIONS AS NECESSARY TO COMPLETE MAINTENANCE AND ENSURE THAT PLANTS ARE
- HEALTHY, VIGOROUS, VISUALLY PLEASING, AND UNDAMAGED
- B. WHEN THE CONTRACTOR HAS MET THE OBLIGATIONS OF THE POST-TRANSPLANTING SCHEDULE, A SUBSTANTIAL COMPLETION INSPECTION SHALL BE CONDUCTED WITH ALL DEFICIENCIES NOTED AND GIVEN TO THE CONTRACTOR AS A PUNCH LIST OF ITEMS TO BE CORRECTED. FINAL ACCEPTANCE WILL NOT BE ISSUED UNTIL ALL PUNCH LIST ITEMS
- C. AT THE CONCLUSION OF THE WARRANTY PERIOD, AN INSPECTION SHALL BE MADE TO DETERMINE THE CONDITION OF
  - WARRANTED PLANT MATERIAL
  - 2. AT NO ADDITIONAL COST, REPLACE REJECTED MATERIAL WITH MATERIAL OF LIKE KIND AND SIZE, IN
- ACCORDANCE WITH THE SPECIFICATIONS.

# DATE OF INSTALLATION.

- 3.08 GUARANTEE A. THE MINIMUM ALLOWABLE RATE OF SURVIVAL OF ALL TRANSPLANTED MATERIAL SHALL BE 100%. DEATH OF ANY RELOCATED PLANT MATERIAL SHALL BE REPLACED WITH THE SAME SIZE AND SPECIES. DETERMINATION OF
- SURVIVABILITY SHALL BE MADE AT THE END OF THE WARRANTY PERIOD. RELOCATED PLANT MATERIAL INSTALLED BY THE CONTRACTOR SHALL BE WARRANTED IN WRITING FOR A PERIOD OF

- 3. INSURE CLEARING AND GRUBBING IS COMPLETE IN HOLDING AREA

## SUPPORT TREE WITH MACHINERY UNTIL BRACING IS COMPLETE.

- A. THE CONTRACTOR IS RESPONSIBLE FOR HAND WATERING ALL RELOCATED PLANT MATERIAL.
- UNTIL FINAL ACCEPTANCE.
- C. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER AT HIS/HER OWN EXPENSE.
- OBSERVATION SHALL BE REPORTED IN ISA MEMBER'S REPORT.

- A. PLANTING AND BACKFILLING:
- BALL, AND AT LEAST THREE TIMES LARGER THAN THE SIZE OF THE ROOT BALL.
- APPROVED EQUAL, NA (SODIUM) BASE SOIL POLYMER OR APPROVED EQUAL AT THE MANUFACTURERS
- 5. INSTALL TREE SO TOP OF ROOT BALL IS THREE-INCHES (3") WITH PROPOSED GRADE.
- 7. CONTINUE TO FLOOD ROOT BALL AS PLANTING SOIL MIX IS DEPOSITED TO REMOVE AIR POCKETS.
- 8. CONSTRUCT A 6" HIGH BERM AROUND THE OUTSIDE OF THE TREE PIT AFTER BACKFILLING TO RETAIN WATER.

## 3.06 POST-RELOCATION GROW-IN PERIOD

- THE CONTRACTOR SHALL PREPARE ALL OPERATIONS NECESSARY TO ENSURE THAT PLANTS ARE HEALTHY, VIGOROUS, AND UNDAMAGED.
- 2. PERFORM ALL MAINTENANCE TASKS AS SPECIFIED HERE IN.
- HAVE BEEN COMPLETED AND A RE-INSPECTION BY THE OWNER'S REPRESENTATIVE IS COMPLETED.
- REMOVE ALL MATERIAL NOTED AS NOT BEING IN A HEALTHY-GROWING CONDITION.

## 3. WARRANTY PERIOD APPLIES ALSO TO REPLACED MATERIAL. 4. THE CONTRACTOR SHALL WARRANT ALL REPLACEMENT TREES FOR A PERIOD OF ONE (1) YEAR FROM THE

- - ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE.

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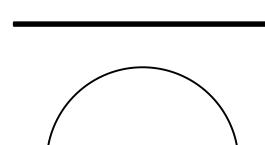
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# KISLAK OFFICE BUILDING

7900 NW 154 STREET.

MIAMI LAKES, FL, 33016

SITE APPROVAL SET

**REVISIONS:** 

Description



SCALE: AS SHOWN

PROJ. NO.:19063

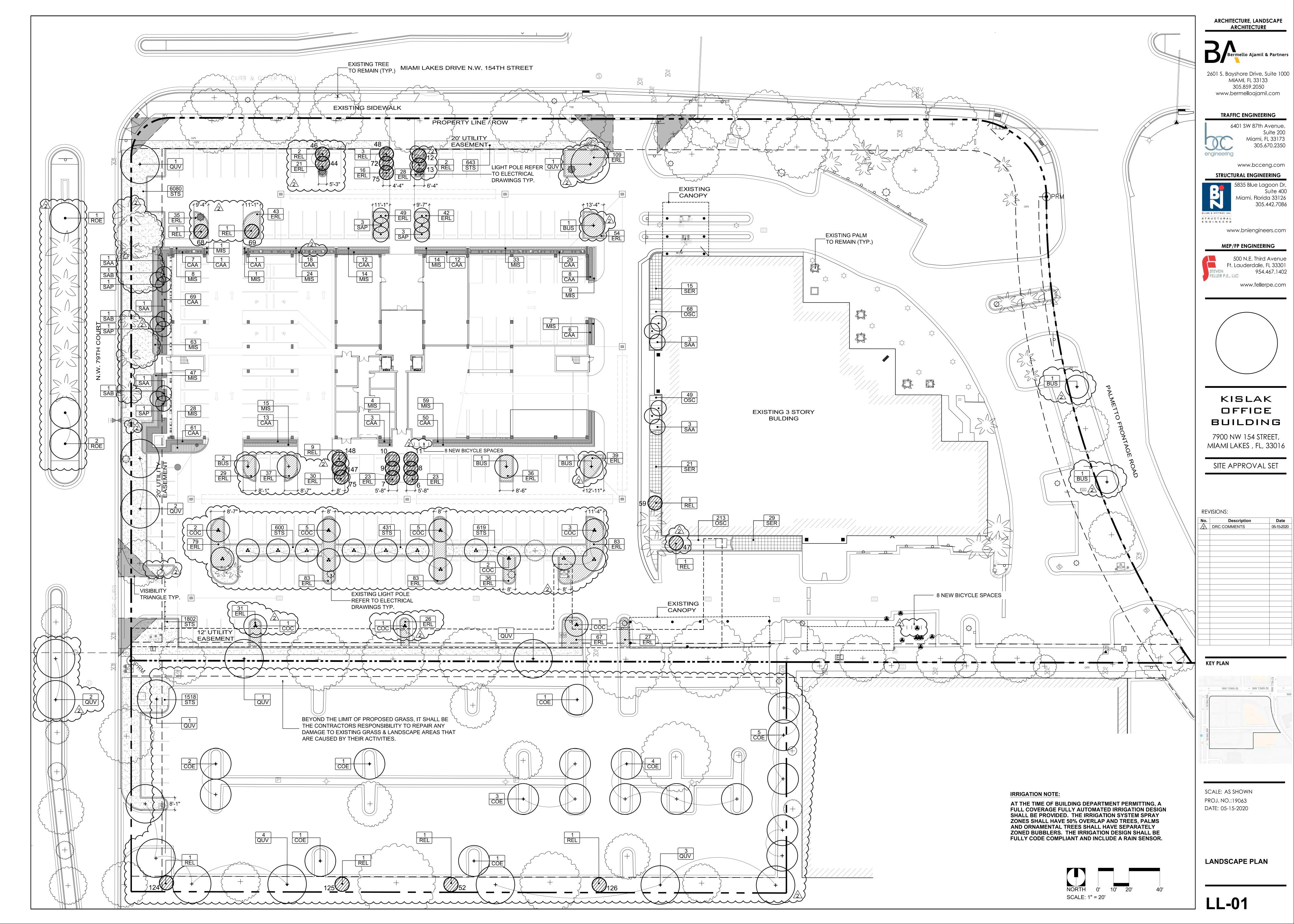
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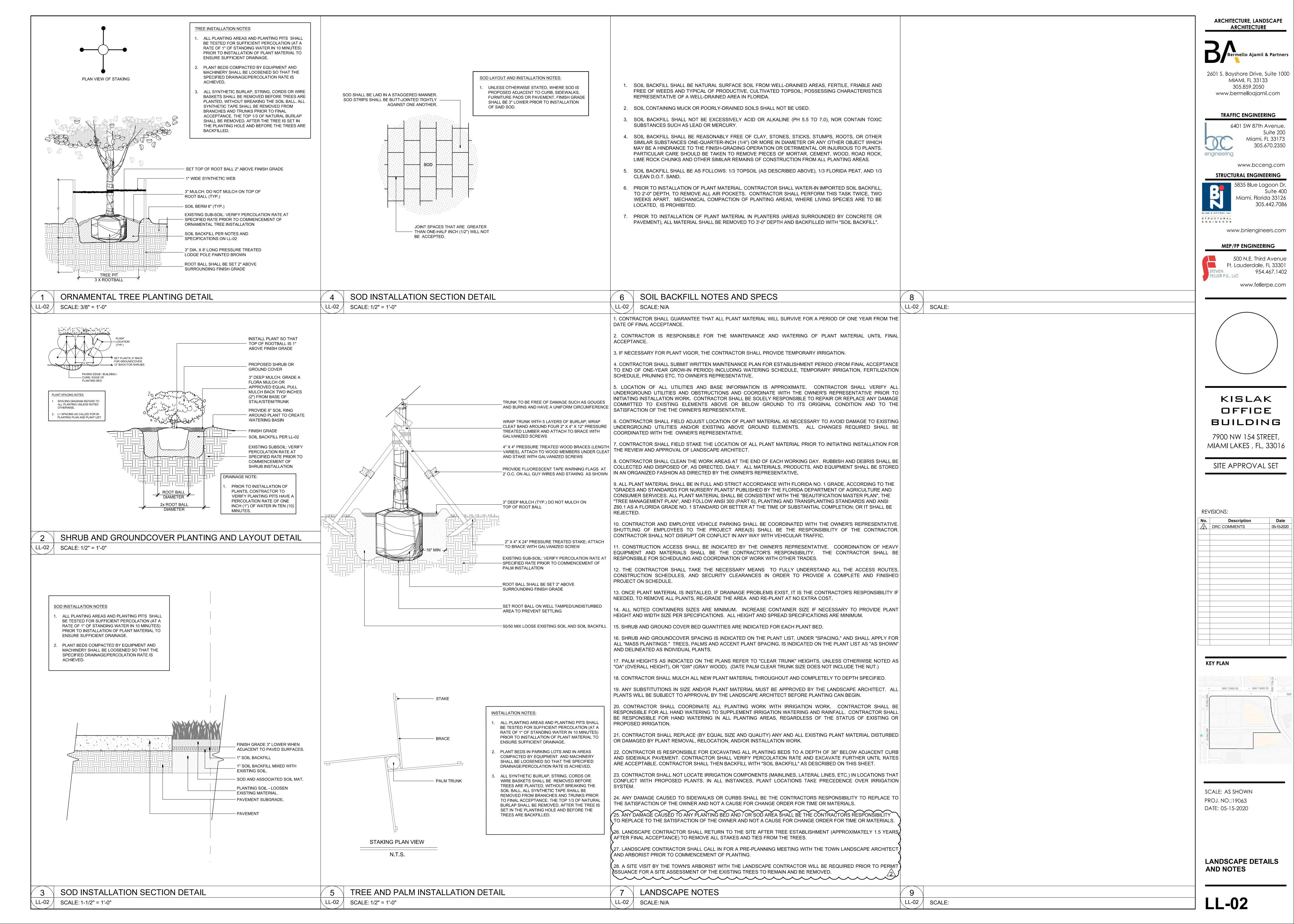
TREE/PALM PROTECTION

AND RELOCATION

**SPECIFICATIONS** 

LT-04





CANOP	Y TREES														
					INST	ALLATION SPEC	IFICATIONS			TY	PICAL MATURE	SIZE	ENVIRONMEN	TAL TOLERANCES	
SYMBOL	QUANTITY BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	DBH	CLEAR TRUNK	ROOT BALL	SPACING	ADDITIONAL SPECIFICATION	HEIGHT	SPREAD	TRUNK DIAMETER	DROUGHT	WIND	NATIVE
BUS	7 Bursera simaruba	Gumbo Limbo	12' tall	8' wide	2" DBH	8'	B&B	As Shown	Matched	50' tall	70' wide	36" caliper	High	Moderate	Yes
coc	20 2 Coccoloba diversifolia	Pigeon Plum	12' tall	5' wide)	2 2" DBH	N/A	B&B	As Shown	N/A				High	High	Yes
COE	18 Conocarpus erectus	Green Buttonwood	12' tall	6' wide	2" DBH	5'	B&B	As Shown	N/A	40' tall	40' wide		High	Moderate	Yes
QUV	Quercus virginiana	Live Oak	12' tall	6' wide	2" DBH	6'	B&B	As Shown	N/A	60' to 80' tall	70' wide	48" caliper	High	Moderate	Yes
PALMS															
			INSTALLATION SPECIFICATIONS						TY	PICAL MATURE	SIZE	ENVIRONMENTAL TOLERANCES			
SYMBOL	QUANTITY BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CAL. AT 6" ABOVE GRADE	GRAY WOOD	ROOT BALL	SPACING	ADDITIONAL SPECIFICATION	HEIGHT	SPREAD	TRUNK DIAMETER	DROUGHT	WIND	NATIVE

			COMMON NAME			INSTA	ALLATION SPEC	IFICATIONS			יד	PICAL MATURE	SIZE	ENVIRONMEN		
SYMBOL	QUANTIT		COMMON NAME	HEIGHT	SPREAD	CAL. AT 6" ABOVE GRADE	GRAY WOOD	ROOT BALL	SPACING	ADDITIONAL SPECIFICATION	HEIGHT	SPREAD	TRUNK DIAMETER	DROUGHT	WIND	NATIVE
ROE	3	Roystonea elata	Royal Palm	25' tall	15' wide	15" caliper	10'	B&B	As Shown	Full Head	80' tall	30' wide	24" caliper	Moderate	High	/2\ Yes)
SAA	9	Sabal palmetto	Cabbage Palm	16' tall	15' wide	12" caliper	15'	B&B	As Shown	NA	65' tall	30' wide	24" caliper	High	High	Yes
SAB	3	Sabal palmetto	Cabbage Palm	12' tall	15' wide	12" caliper	15'	B&B	As Shown	NA	65' tall	30' wide	24" caliper	High	High	Yes
SAP	9	Sabal palmetto	Cabbage Palm	20' tall	15' wide	12" caliper	15'	B&B	As Shown	NA	65' tall	30' wide	24" caliper	High	High	Yes
	_			•												

## SHRUBS

SVMPOL	SYMBOL QUANTITY BOTANICAL NAME C	POTANICAL NAME	COMMON NAME				ALLATION SPECI				TYPICAL MATURE SIZE				ENVIRONMENTAL TOLERANCES		
STWIBOL		COMMON NAME	HEIGHT	SPREAD	CAL. AT 6" ABOVE GRADE	CLEAR TRUNK	ROOT BALL	SPACING	ADDITIONAL SPECIFICATION	HEIGHT	SPREAD	TRUNK DIAMETER	DROUGHT	WIND	NATIVE		
CAA	<b>285</b> 2 Ca	allicarpa americana	American Beautyberry	24" tall	24" wide	N/A	N/A	3 gallon	30"	N/A	10' tall	10' wide	N/A	High	Moderate	Yes	
SER	<b>65</b> Sea	renoa repens	Saw Palmetto	30" tall	30" wide	N/A	N/A	30 gallon	48" on center triangular spacing	N/A	6' tall	6' wide	N/A	High	High	Yes	

## **GROUND COVERS**

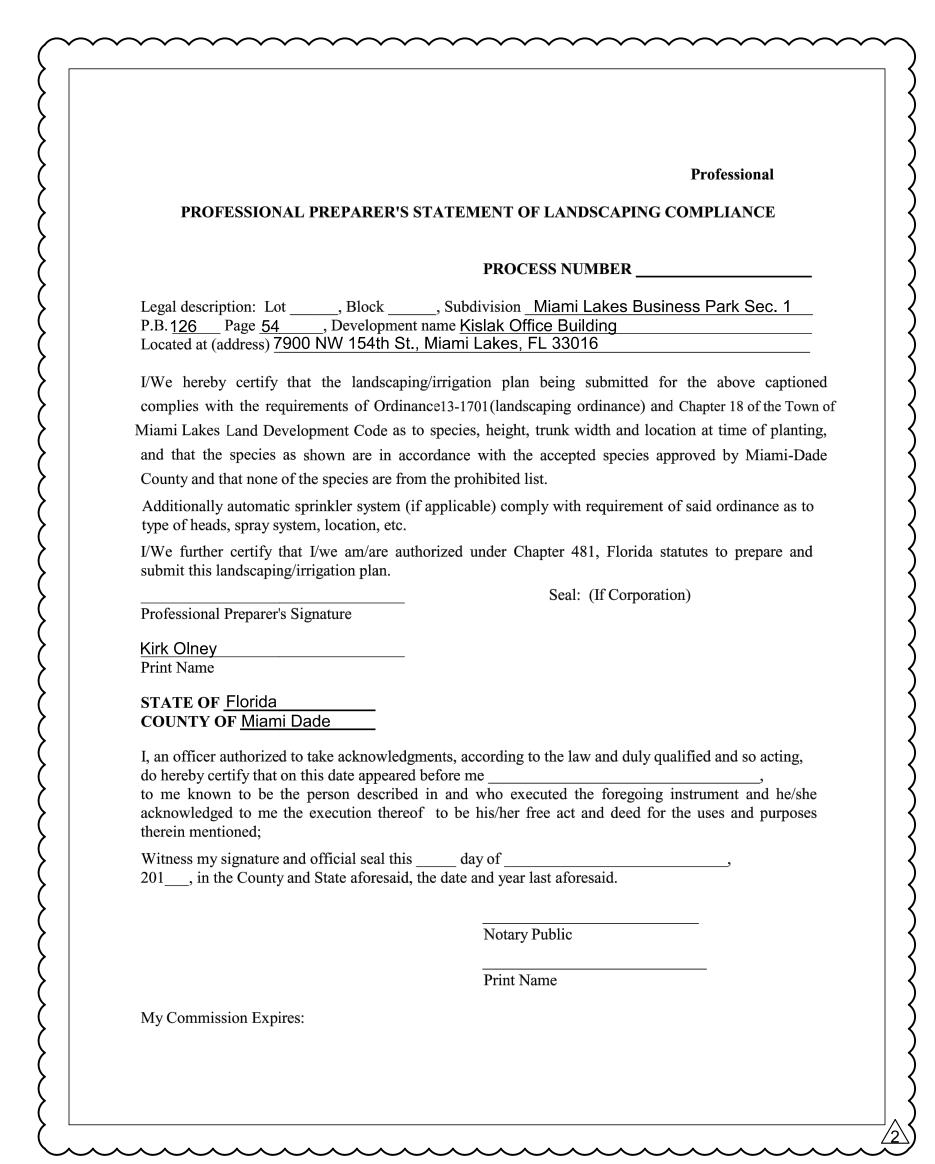
CVMPOL	OLIANITITY DOTANICAL NAME	COMMON NAME			INS	TALLATION SPEC	IFICATIONS			TYPICAL MATURE SIZE			ENVIRONME	NATIVE	
SYMBOL	QUANTITY BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CAL. AT 6" ABOVE GRADE	CLEAR TRUNK	ROOT BALL	SPACING	ADDITIONAL SPECIFICATION	HEIGHT	SPREAD	TRUNK DIAMETER	DROUGHT	WIND	NATIVE
ERL	Ernodea littoralis	Golden Creeper	18" tall 2	12" wide	N/A	N/A	3 gallon	24" on center triangular spacing	N/A	3' tall	3' tall	N/A	High	High	Yes
MIS	321 Microsorum scolopendrium	Wart Fern	18" tall	18" wide	N/A	N/A	3 gallon	24" on center triangular spacing	Full	2' tall	2' wide	N/A	Moderate	High	No
osc	330 Osmunda cinnamonea	Cinnamon Fern	18" tall	18" wide	N/A	N/A	3 gallon	24" on center triangular spacing	Full	2' tall	2' wide	N/A	Moderate	High	Yes

		COMMON NAME	INSTALLATION SPECIFICATIONS					TYPICAL MATURE SIZE			ENVIRONMENTAL TOLERANCES				
SYMBOL	QUANTITY BOTANICAL NAME		HEIGHT	SPREAD	CAL. AT 6" ABOVE GRADE	GRAY WOOD	ROOT BALL	SPACING	ADDITIONAL SPECIFICATION	HEIGHT	SPREAD	TRUNK DIAMETER	DROUGHT	WIND	NATIVE
STS	11,693 Stenotaphrum secundatum	St. Augustine sod	Solid sod	N/A	N/A	N/A	N/A	As Shown	As Shown	8" to 12"	Runners	N/A	Low	N/A	No
RELOCATED TREES															

REL	24	Relocated Trees	Relocated Trees	FOR SPECIFICATIONS SEE TREE DISPOSITION TABLE ON LT-03

PLANT MATERIAL LIST LL-03 SCALE: N/A

I I			
REET TREES + SITE TREES 40 + 143 = 183			
IGATION TREES 14	TOWN OF MIAMI LAKES		
TAL REQUIRED TREES 197			
	LANDSCAPE LEGEND		
EES PROVIDED	INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS  Zoning District IUC Lot Area 281,590 SF. Acres	6.46	
STING STREET TREES + EXISTING SITE TREES 13 + 81 = 94	Zoning District <u>IUC</u> Lot Area <u>281,590 S</u> F. Acres	6.46	_
REET TREES + SITE TREES $7 + 67 = 74$	OPEN SPACE	REQUIRED/ ALLOWED	PROVIDED
TAL PROVIDED TREES 168	A. Square feet of required Open Space as indicated on site plan:	ALLOVALD	FROVIDED
	Lot Area = $281,590$ s.f.x $20$ % = $56,318$ s.f.	56,318	47,675
	B. Square feet of parking lot open space required as indicated on site plan:		
>	Number of parking spaces $346$ x 10 s.f. parking space =	3,460	21,695
<b>&gt;</b>	C. Total square feet of landscaped open space required: A+B=	59,778	69,370
	LANAN AREA CALCINATION		
	A. Square feet of landscaped open space required	59,778	69,370
	B. Maximum lawn area (sod) permitted= 20 % x59,778s.f.	11,955	11,693
<b>&gt;</b>	2. Maximam lawir area (30a) perimetea	11,900	11,095
>	<u>TREES</u>		
<b>&gt;</b>	A. Number of trees required per lot or net lot acre, less existing number of		
	trees meeting minimum requirements=	40	67
	22 trees x 6.46 net lot acres - number of existing trees=	49 20	67
<b>&gt;</b>	<ul><li>B. % Natives required: Number of trees provided x 30% =</li><li>C. % Low maintenance / drought and salt tolerant required:</li></ul>		67
<b>&gt;</b>	Number of trees provided x 50%=	34	67
	D. Street Trees (maximum average spacing of 20' o.c.)		
	1,403 linear feet along street divided by 35'=	40	7
	E. Street tree species allowed directly beneath power lines:		
>	(maximum average spacing of 20' o.c.):		
<b>&gt;</b>	linear feet along street divided by 20'=	<u>N/A</u>	N/A
<b>&gt;</b>	CUDIDS		
	SHRUBS  A. Number of shrubs required: Sum of lot and street trees required x 12=	4.000	4070
		1,068	1873
<b>&gt;</b>	B. % Native shrubs required: Number of shrubs provided x 50%=	936	<u>1552</u>
<b>&gt;</b>	LARGE SHRUBS OR SMALL TREES		
<b>&gt;</b>	A. Number of large shrubs or small trees required: Number of required shrubs		
	x 10%=	106	350_
	B. % Native large shrubs or small trees required: Number of large shrubs or	4.45	250
	small trees provided x 50%=	145	350_



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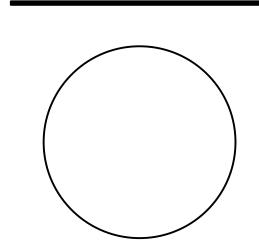
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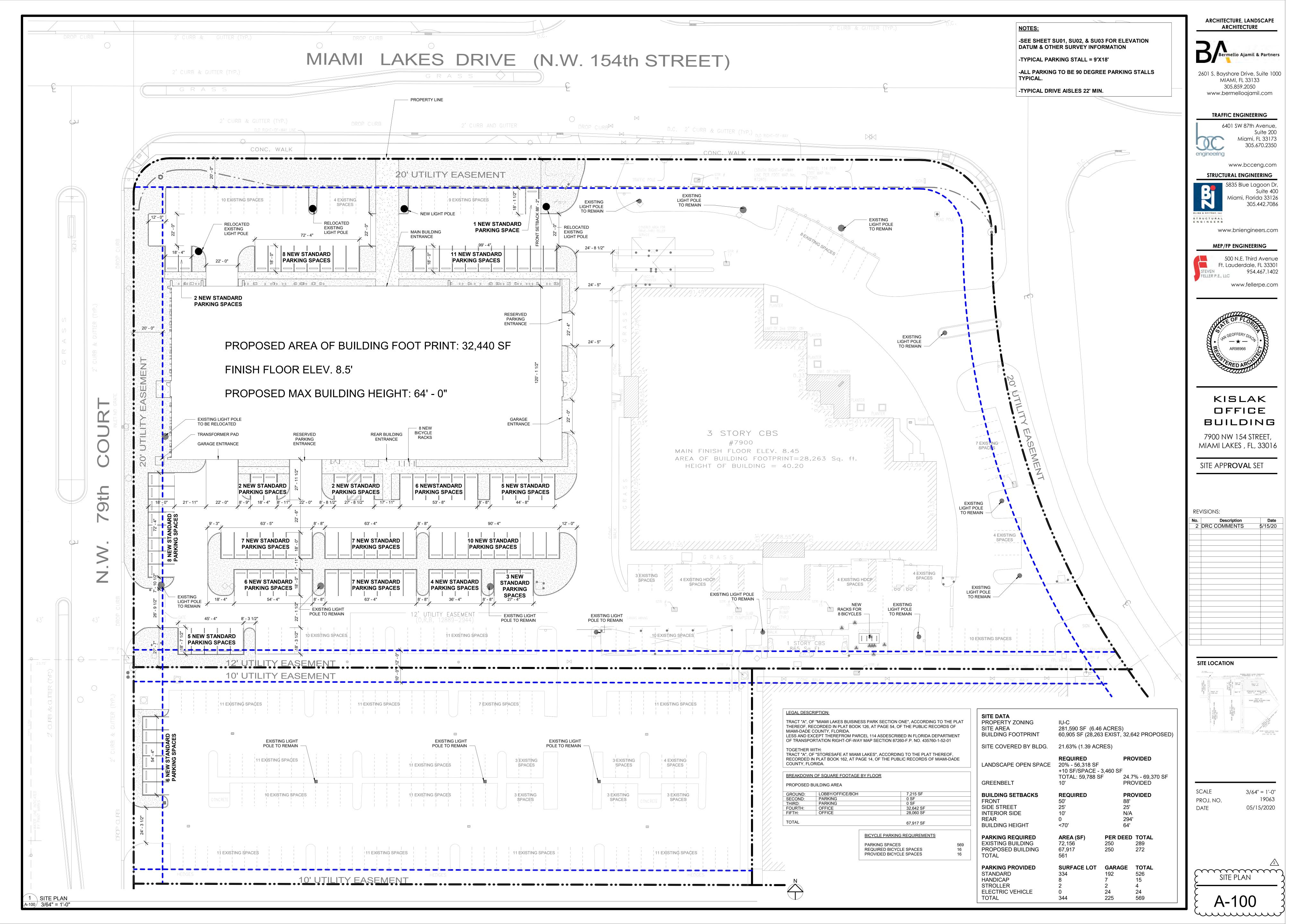
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/2	DRC COMMENTS	05-15-20

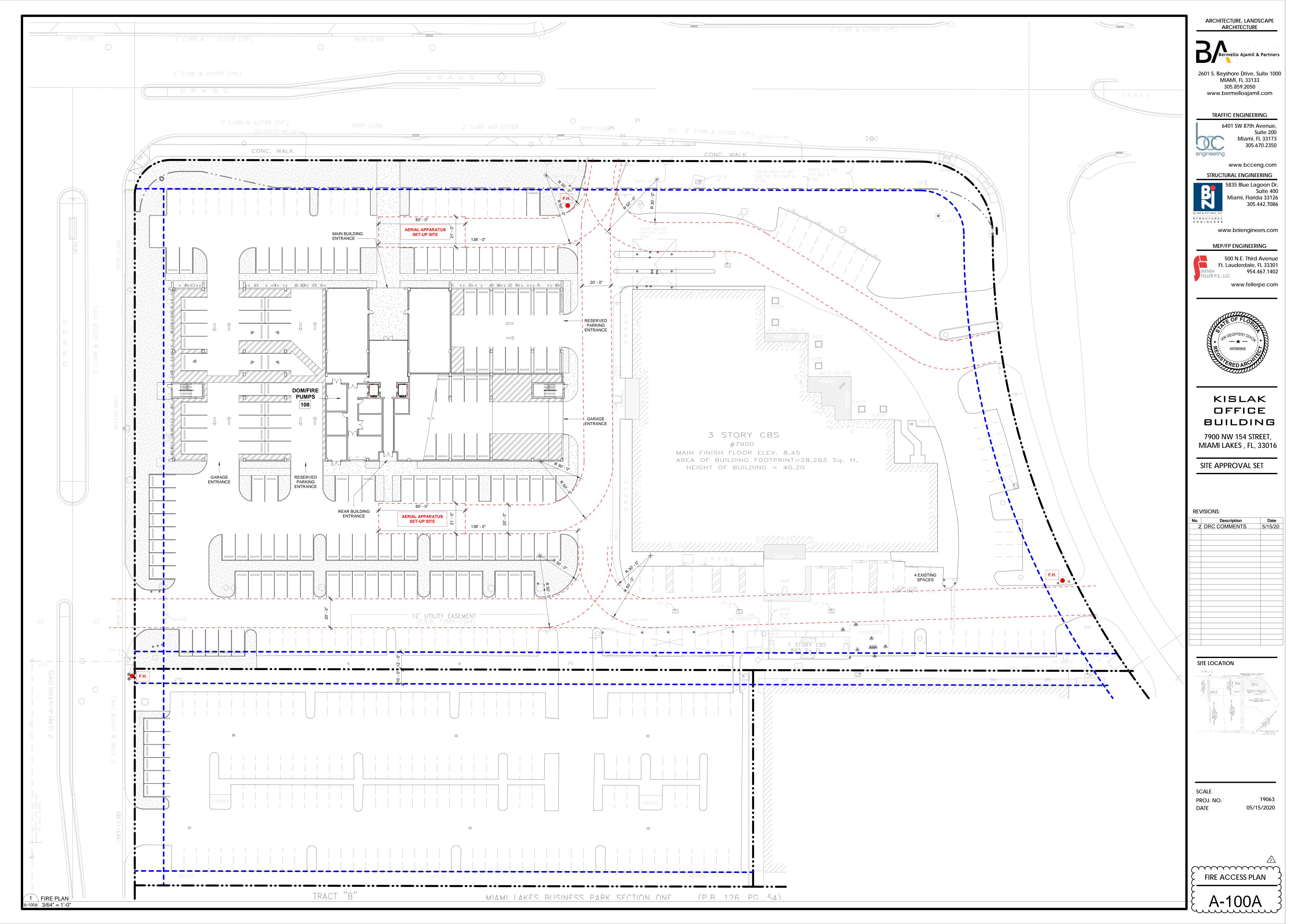
**KEY PLAN** 

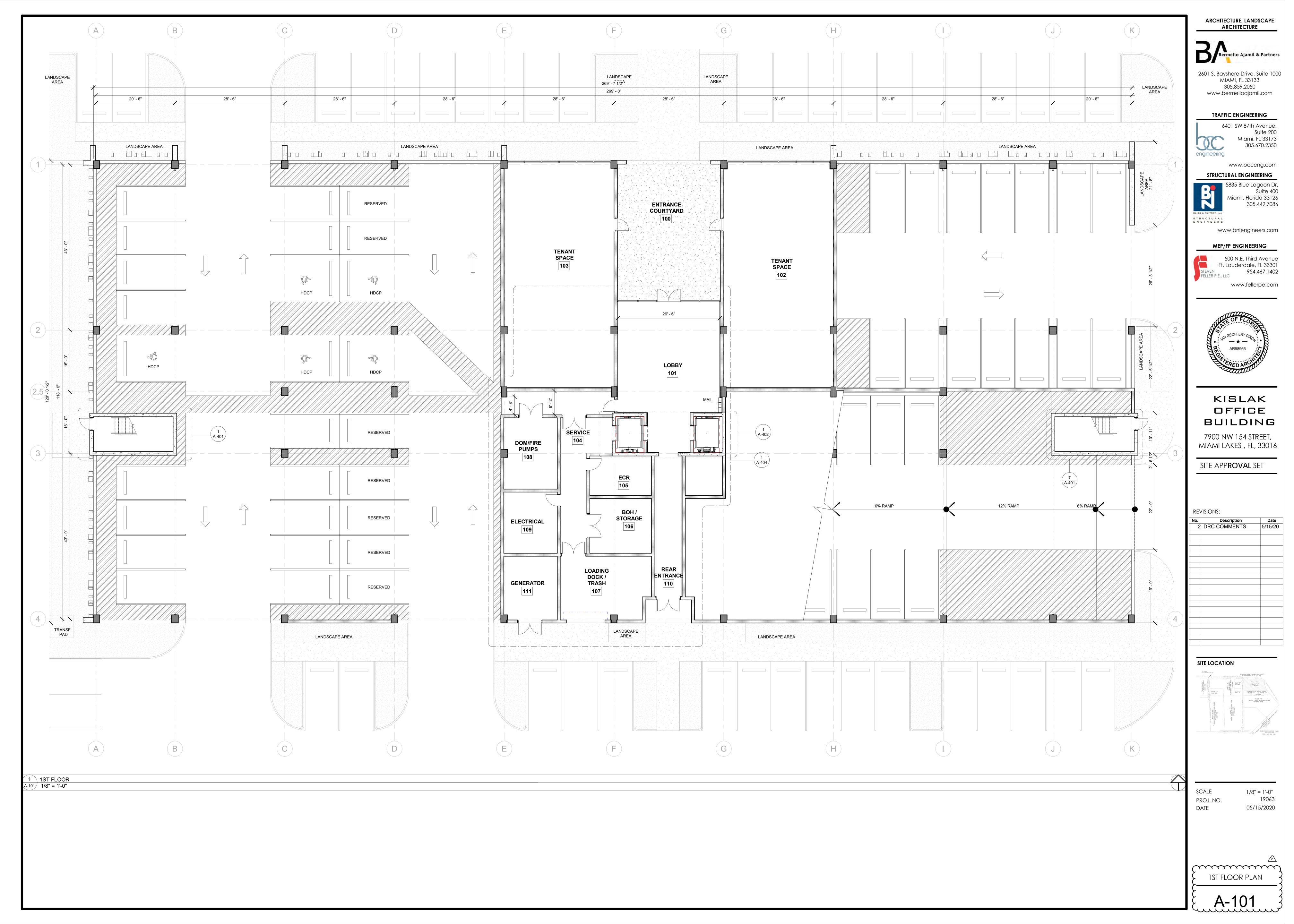


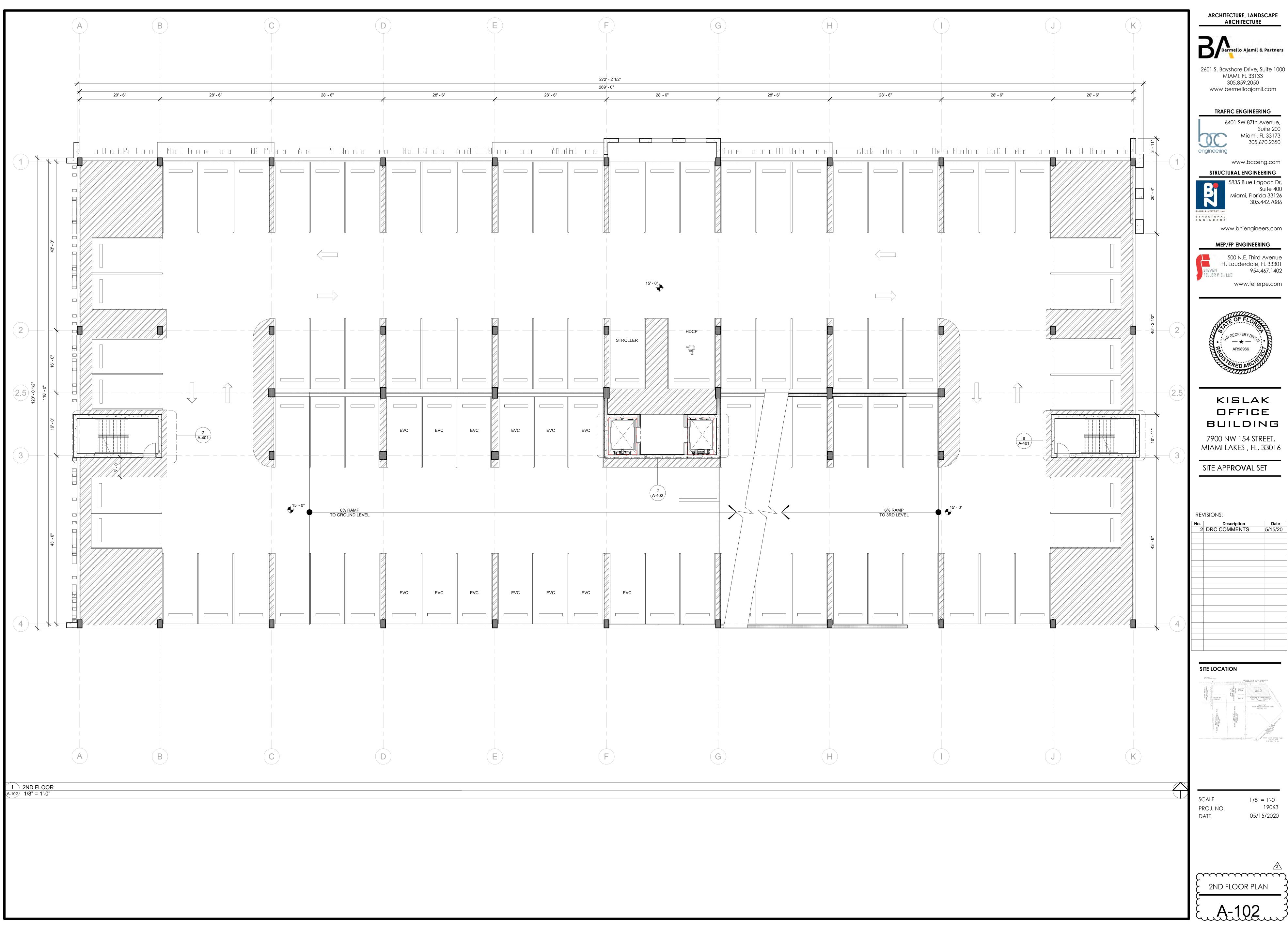
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PLANT MATERIAL LIST AND LANDSCAPE **LEGEND** 



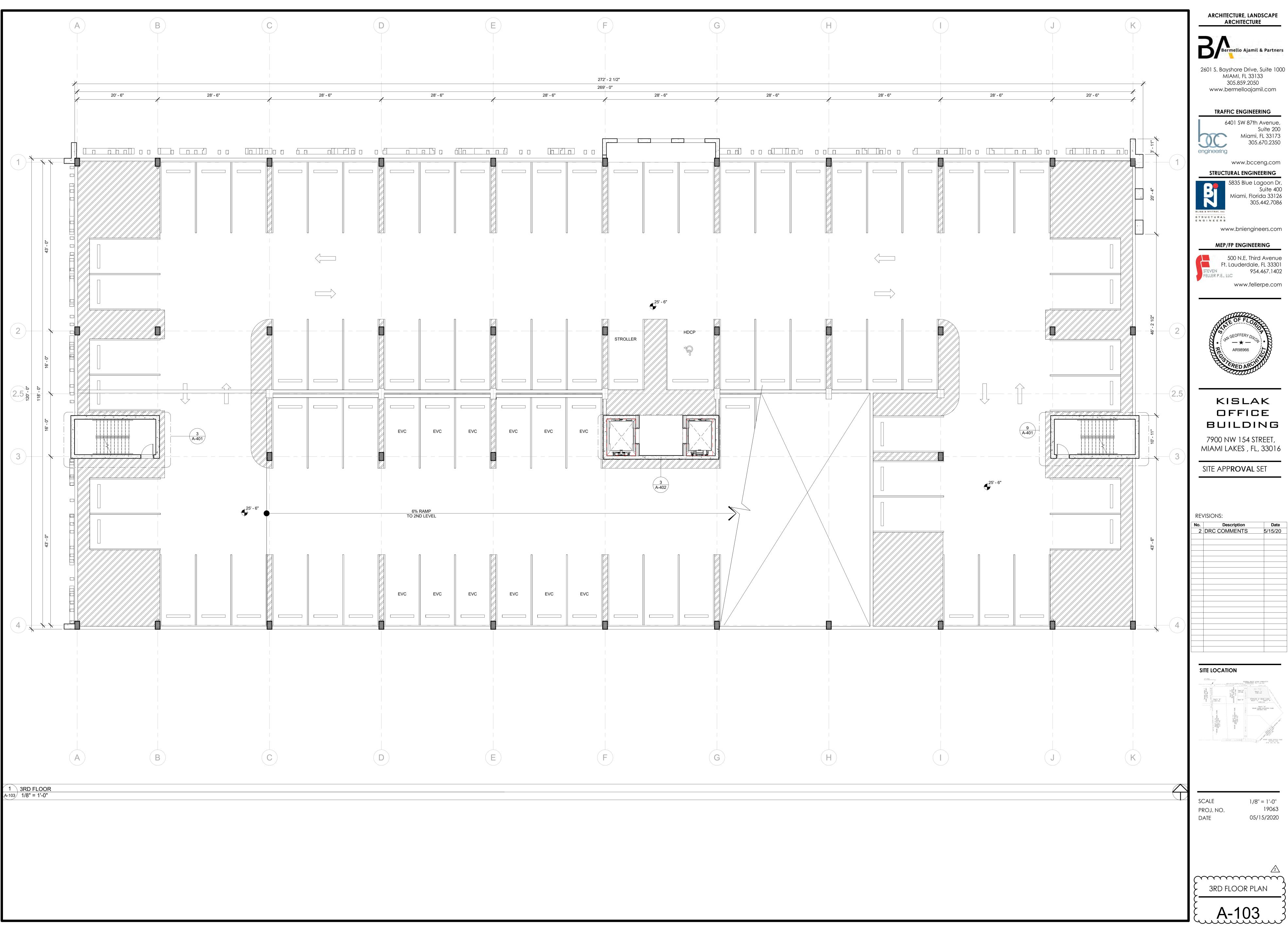






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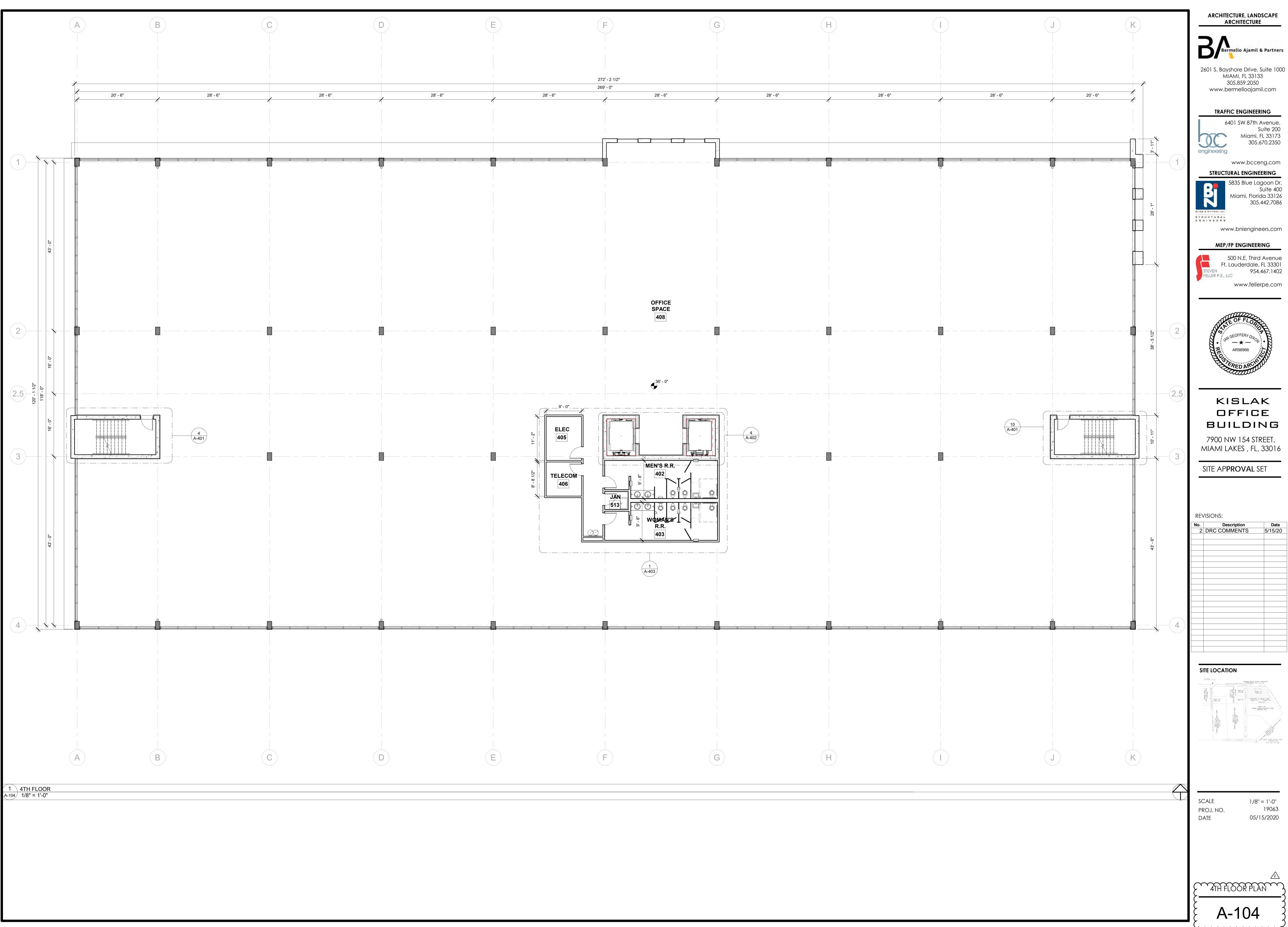


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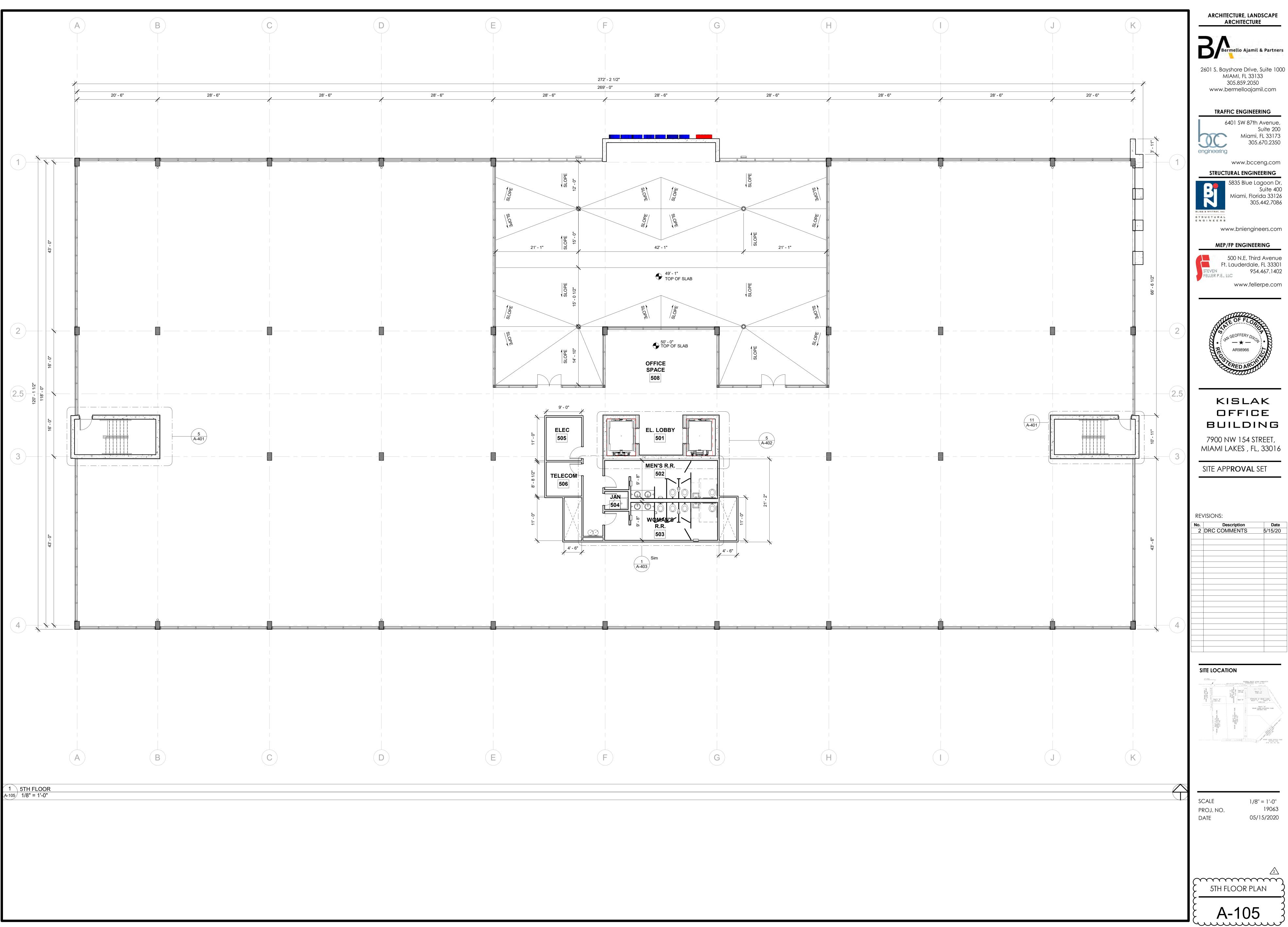
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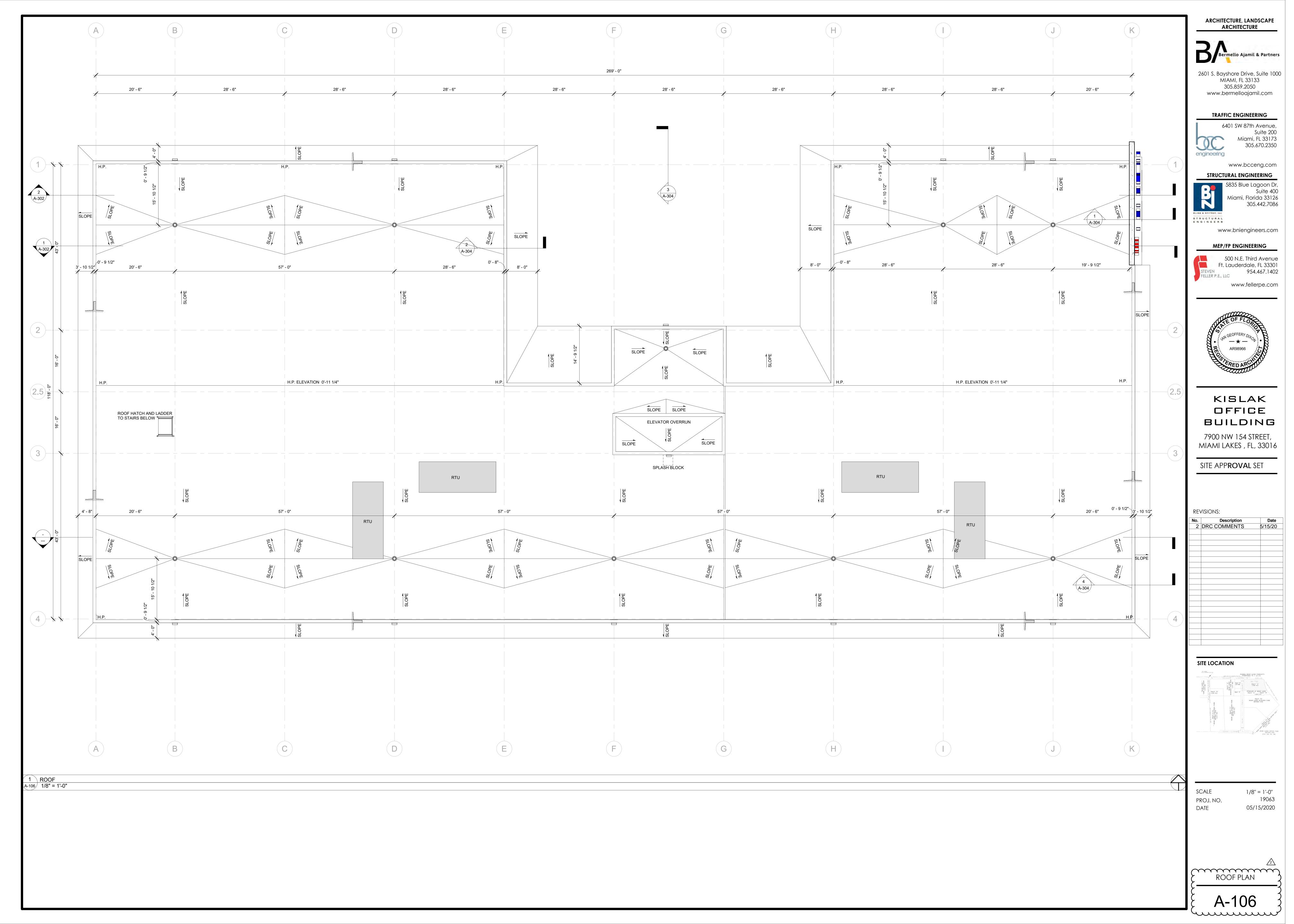


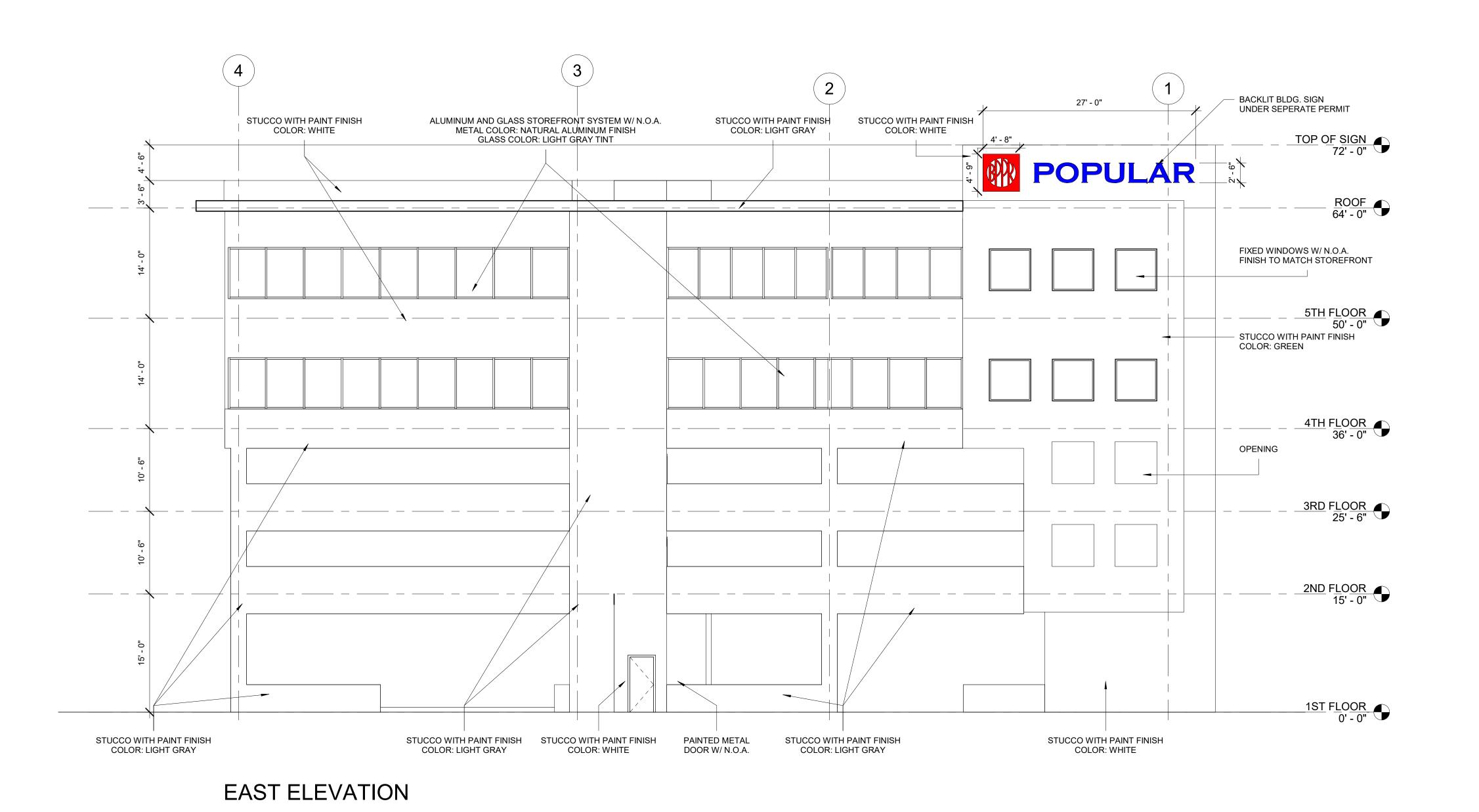
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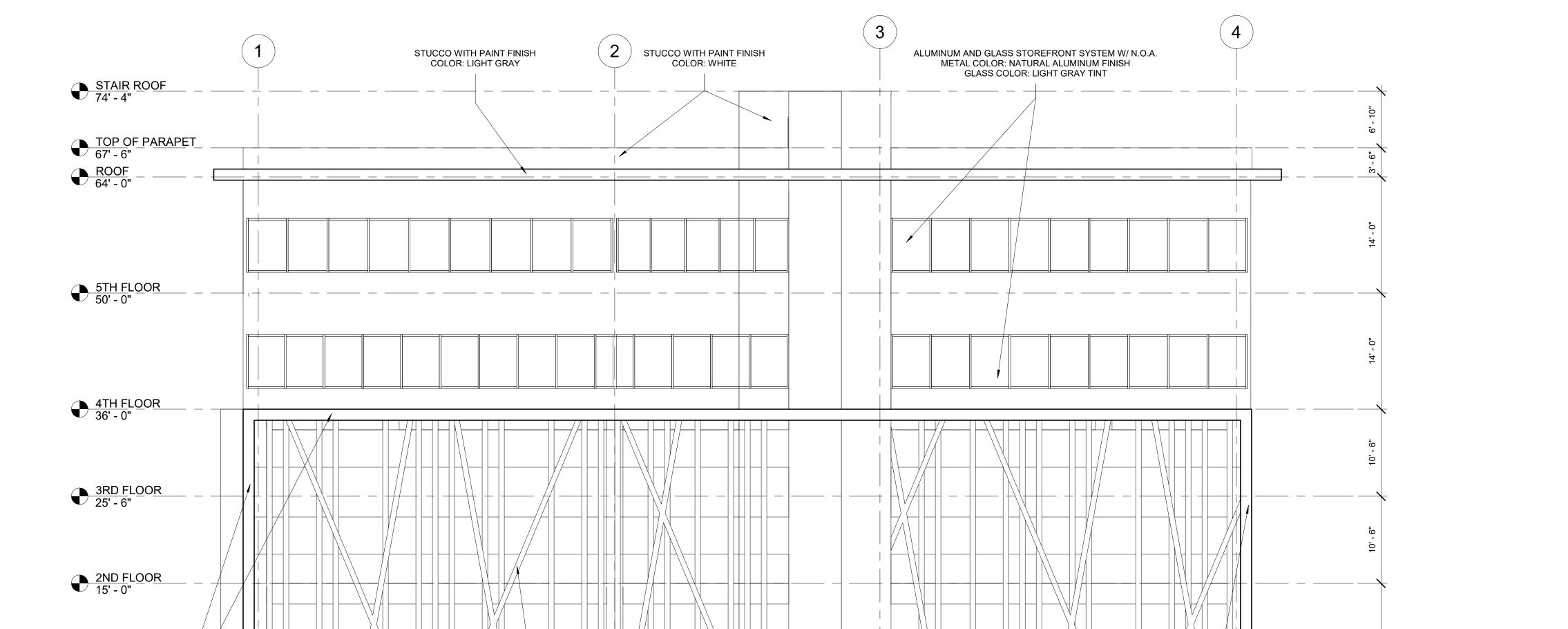
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19063 05/15/2020







PAINTED METAL

DOOR W/ N.O.A.

STUCCO WITH PAINT FINISH COLOR: LIGHT GRAY

PAINT ON CONCRETE COLOR: WHITE

WEST ELEVATION

STUCCO WITH PAINT FINISH COLOR: LIGHT GRAY

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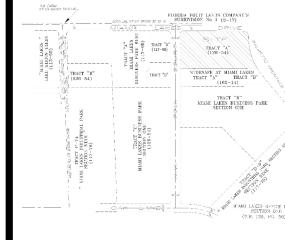
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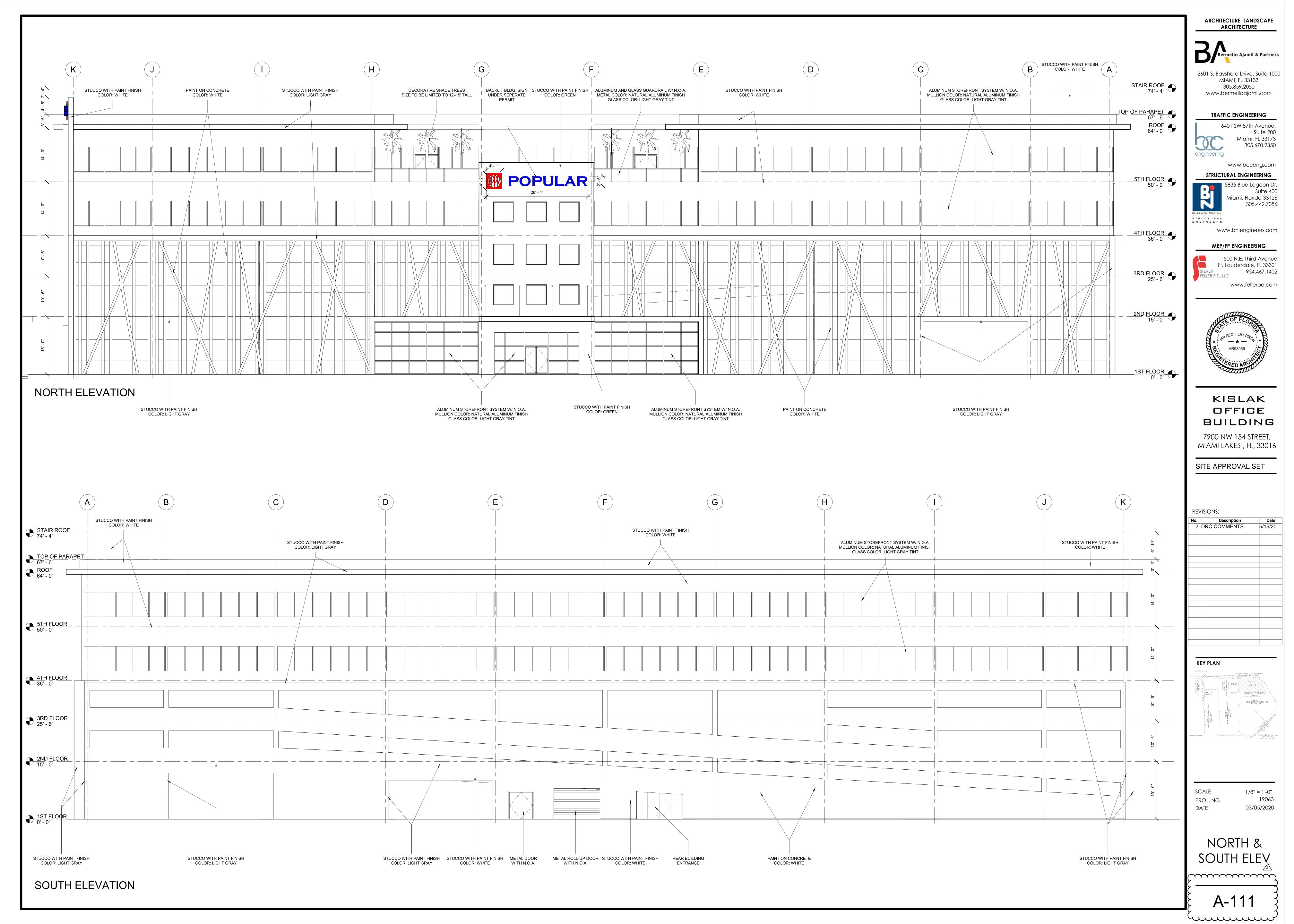


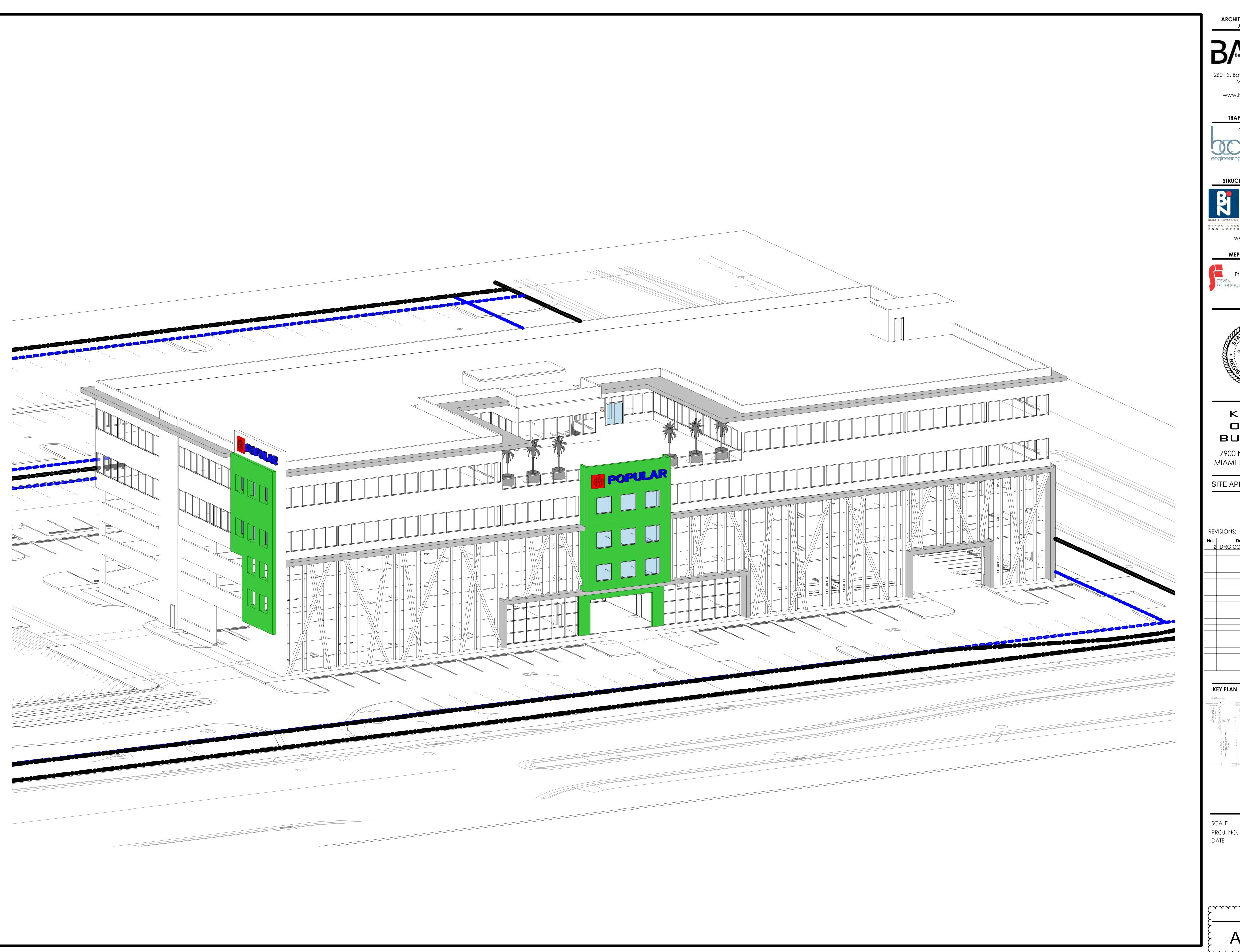
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1/8'' = 1'-0'' 03/05/2020

EAST & WEST ELEV

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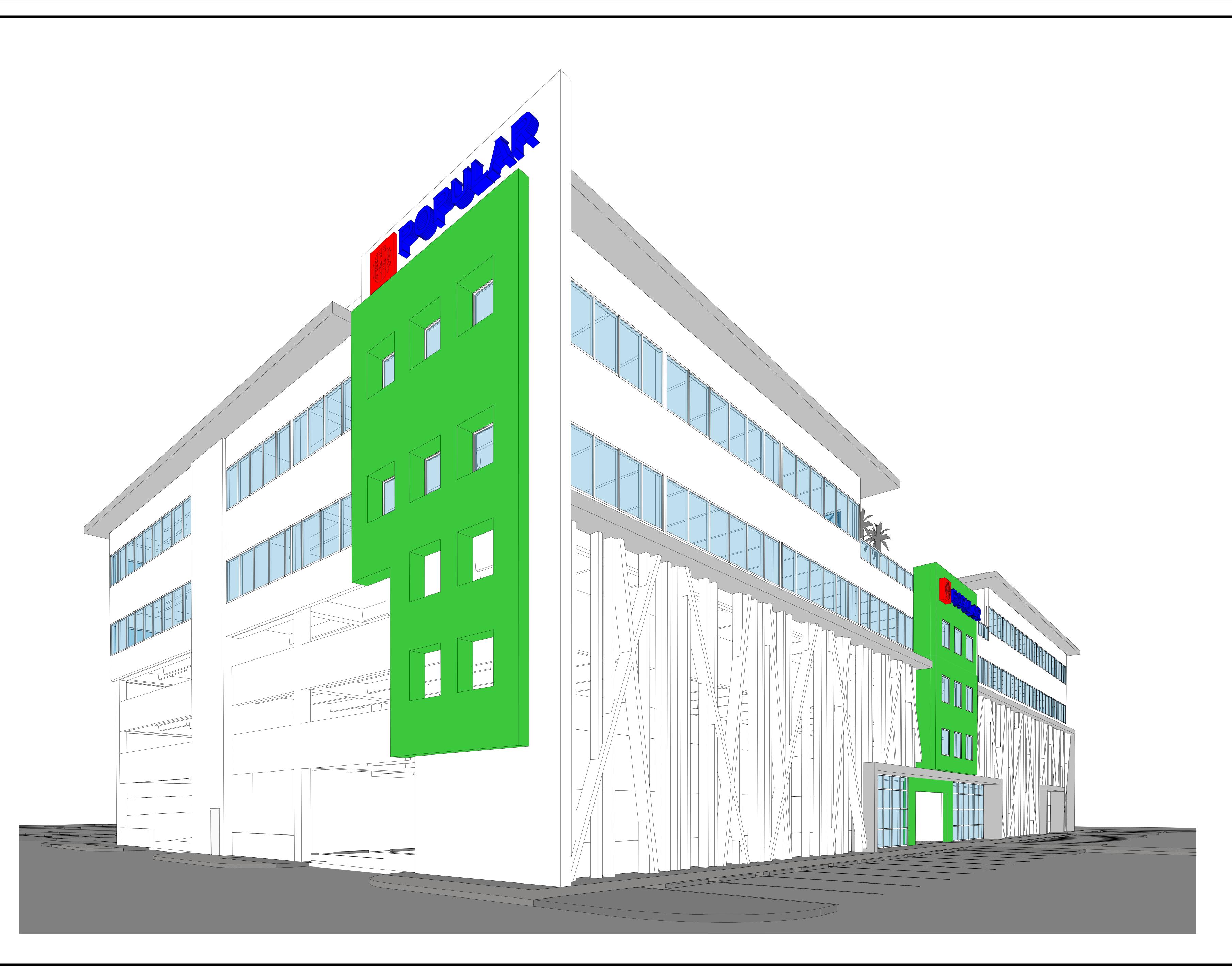
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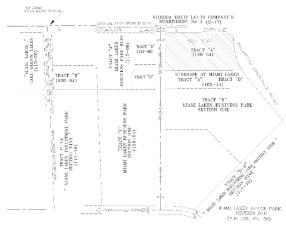
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