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LANDSCAPE PLAN
 AUTOMATED PETROLEUM & ENERGY CO. INC
 PLANTATION SHELL - CIRCLE K
 501 N. STATE ROAD 7
 PLANTATION, FL 33317

DATE	NO.	REVISION
01/10/18	1	ISSUED SITE PLAN
07/25/21	2	CITY COMMENTS, ISSUED SITE PLAN
02/26/21	4	UPDATED PARKING DEFINITIONS
07/17/21	5	CITY COMMENTS, UPDATED SITE PLAN

SCALE AS SHOWN	DATE	PROPOSED GRADE BY
AS SHOWN	08/25/17	MDM
CREATED BY		MDM
REVISIONS		MDM
APPROVED BY		MDM

Do All Scale-Dependent Dimensions Only
 I, the undersigned, hereby certify that I am a duly licensed Professional Engineer in the State of Florida, and I am the author and creator of the design and drawings herein. I am not providing any services in violation of the provisions of the Florida Statutes, Chapter 487, or the rules of the Board of Professional Engineers, Chapter 61B, Florida Administrative Code.



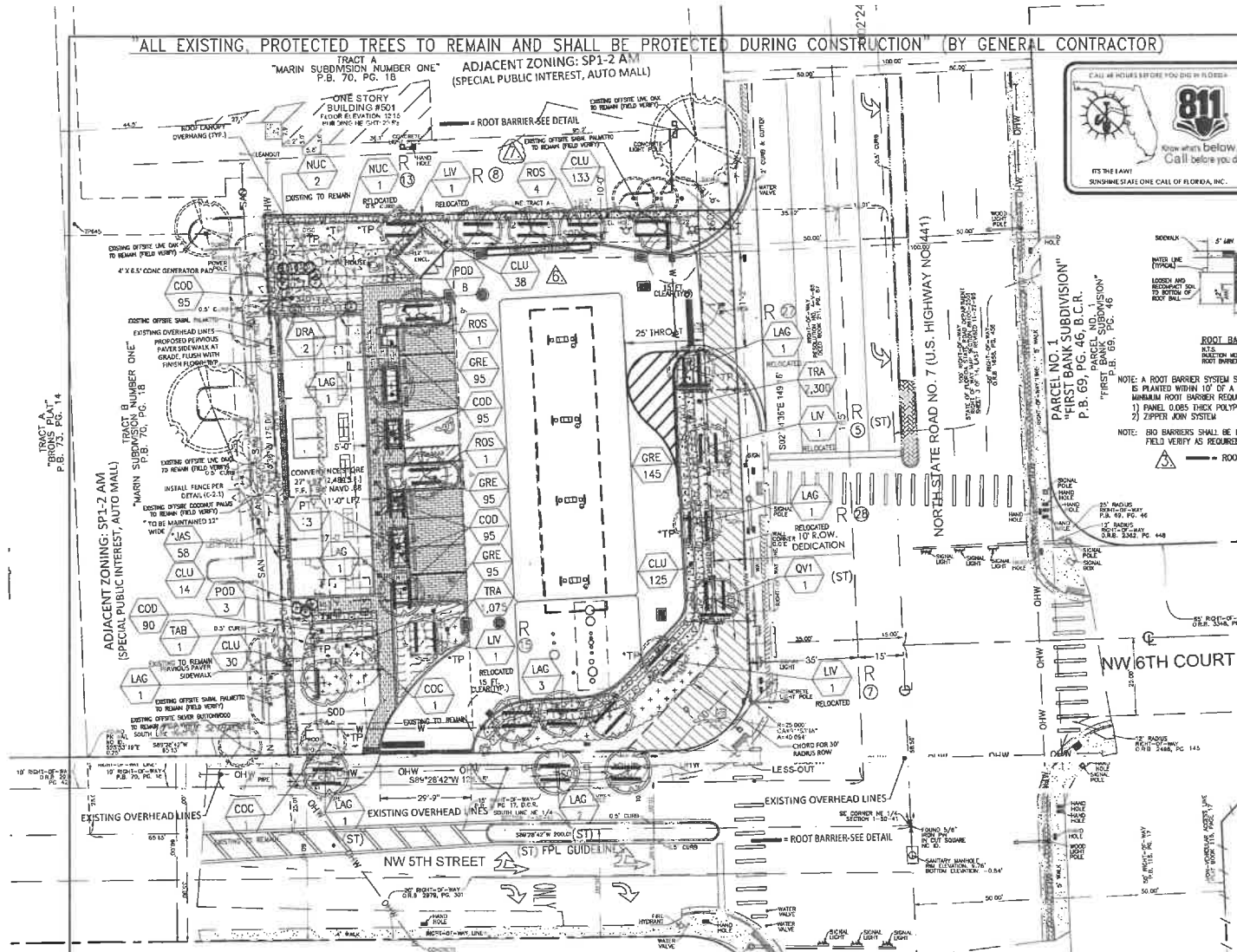
FOR PERMITTING

MDM ENGINEERING & ARCHITECTURE, INC.
 ENGINEERING & ARCHITECTURE, INC. LICENSE NO. 12544, 12545, 12546, 12547, 12548, 12549, 12550, 12551, 12552, 12553, 12554, 12555, 12556, 12557, 12558, 12559, 12560, 12561, 12562, 12563, 12564, 12565, 12566, 12567, 12568, 12569, 12570, 12571, 12572, 12573, 12574, 12575, 12576, 12577, 12578, 12579, 12580, 12581, 12582, 12583, 12584, 12585, 12586, 12587, 12588, 12589, 12590, 12591, 12592, 12593, 12594, 12595, 12596, 12597, 12598, 12599, 12600, 12601, 12602, 12603, 12604, 12605, 12606, 12607, 12608, 12609, 12610, 12611, 12612, 12613, 12614, 12615, 12616, 12617, 12618, 12619, 12620, 12621, 12622, 12623, 12624, 12625, 12626, 12627, 12628, 12629, 12630, 12631, 12632, 12633, 12634, 12635, 12636, 12637, 12638, 12639, 12640, 12641, 12642, 12643, 12644, 12645, 12646, 12647, 12648, 12649, 12650, 12651, 12652, 12653, 12654, 12655, 12656, 12657, 12658, 12659, 12660, 12661, 12662, 12663, 12664, 12665, 12666, 12667, 12668, 12669, 12670, 12671, 12672, 12673, 12674, 12675, 12676, 12677, 12678, 12679, 12680, 12681, 12682, 12683, 12684, 12685, 12686, 12687, 12688, 12689, 12690, 12691, 12692, 12693, 12694, 12695, 12696, 12697, 12698, 12699, 12700, 12701, 12702, 12703, 12704, 12705, 12706, 12707, 12708, 12709, 12710, 12711, 12712, 12713, 12714, 12715, 12716, 12717, 12718, 12719, 12720, 12721, 12722, 12723, 12724, 12725, 12726, 12727, 12728, 12729, 12730, 12731, 12732, 12733, 12734, 12735, 12736, 12737, 12738, 12739, 12740, 12741, 12742, 12743, 12744, 12745, 12746, 12747, 12748, 12749, 12750, 12751, 12752, 12753, 12754, 12755, 12756, 12757, 12758, 12759, 12760, 12761, 12762, 12763, 12764, 12765, 12766, 12767, 12768, 12769, 12770, 12771, 12772, 12773, 12774, 12775, 12776, 12777, 12778, 12779, 12780, 12781, 12782, 12783, 12784, 12785, 12786, 12787, 12788, 12789, 12790, 12791, 12792, 12793, 12794, 12795, 12796, 12797, 12798, 12799, 12800, 12801, 12802, 12803, 12804, 12805, 12806, 12807, 12808, 12809, 12810, 12811, 12812, 12813, 12814, 12815, 12816, 12817, 12818, 12819, 12820, 12821, 12822, 12823, 12824, 12825, 12826, 12827, 12828, 12829, 12830, 12831, 12832, 12833, 12834, 12835, 12836, 12837, 12838, 12839, 12840, 12841, 12842, 12843, 12844, 12845, 12846, 12847, 12848, 12849, 12850, 12851, 12852, 12853, 12854, 12855, 12856, 12857, 12858, 12859, 12860, 12861, 12862, 12863, 12864, 12865, 12866, 12867, 12868, 12869, 12870, 12871, 12872, 12873, 12874, 12875, 12876, 12877, 12878, 12879, 12880, 12881, 12882, 12883, 12884, 12885, 12886, 12887, 12888, 12889, 12890, 12891, 12892, 12893, 12894, 12895, 12896, 12897, 12898, 12899, 12900, 12901, 12902, 12903, 12904, 12905, 12906, 12907, 12908, 12909, 12910, 12911, 12912, 12913, 12914, 12915, 12916, 12917, 12918, 12919, 12920, 12921, 12922, 12923, 12924, 12925, 12926, 12927, 12928, 12929, 12930, 12931, 12932, 12933, 12934, 12935, 12936, 12937, 12938, 12939, 12940, 12941, 12942, 12943, 12944, 12945, 12946, 12947, 12948, 12949, 12950, 12951, 12952, 12953, 12954, 12955, 12956, 12957, 12958, 12959, 12960, 12961, 12962, 12963, 12964, 12965, 12966, 12967, 12968, 12969, 12970, 12971, 12972, 12973, 12974, 12975, 12976, 12977, 12978, 12979, 12980, 12981, 12982, 12983, 12984, 12985, 12986, 12987, 12988, 12989, 12990, 12991, 12992, 12993, 12994, 12995, 12996, 12997, 12998, 12999, 13000.

DAMIAN D. LESLIE
 FL REG # 73113

JOB # 15246
 DWG # L-100
 SHEET NUMBER

LANDSCAPE PLAN
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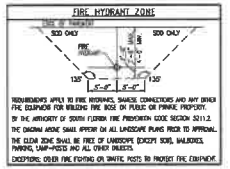
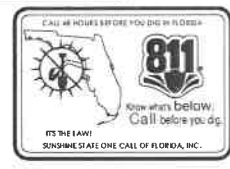


ALL EXISTING PROTECTED TREES TO REMAIN AND SHALL BE PROTECTED DURING CONSTRUCTION (BY GENERAL CONTRACTOR)

TRACT A MARIN SUBDIVISION NUMBER ONE P.B. 70, PG. 18

ADJACENT ZONING: SP1-2 AM (SPECIAL PUBLIC INTEREST, AUTO MALL)

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AREA CALCULATIONS

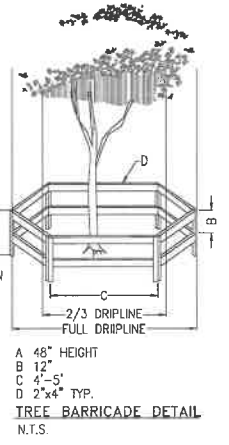
PERVIOUS AREA CALCULATIONS		REQUIRED (MIN)
OPEN SPACE (GRASS)	7,872 SF	32.8%
OTHER PERVIOUS:		
1) VEH. OVERHANG	126 SF	0.6%
2) PERVIOUS CONC.	2,146 SF	8.9%
TOTAL PERVIOUS	10,142 SF	42.3%
IMPERVIOUS		REQUIRED (MAX)
BLDG AREA	2,484 SF	10.3%
PAVEMENT AREA	11,358 SF	47.3%
TOTAL IMPERVIOUS	13,842 SF	57.7%
V.U.A.	11,358.5 SF (PAVT) + 1,134 (PERV PKG) = 12,492.5 SF	
OPEN SPACE IN VUA	2,010 SF	16.1%
		15% (REQUIRED)

EXISTING LANDSCAPE MATERIALS (SEE TREE ENCROACHMENT PLAN)

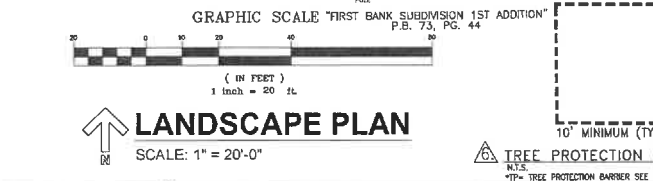
CODE	AMOUNT	BOTANICAL NAME / COMMON NAME	SIZE	REMARKS
LV	4	QUERCUS VIRGINIANA / LIVE OAK	16'-20' HGT	EXISTING TO REMAIN-RELOCATE (4)
NUC	3	COCCUS MUCIFERA / COCONUT PALM	16'-22' HGT	EXISTING TO REMAIN-RELOCATE (1)
COC	2	COCCOLOBIA DIVERSIFOLIA / PIPOW PALM	14'-18' HGT	EXISTING TO REMAIN
LAC	2	LAGERSTROMIA INDICA / CRAPE MYRTLE	14'-16' HGT	EXISTING TO REMAIN-RELOCATE (2)
TAB	1	TABUA PALLODA / PINK TRUMPET	14'-16' HGT	EXISTING TO REMAIN

LANDSCAPE LEGEND

CODE	AMOUNT	BOTANICAL NAME / COMMON NAME	SIZE	REMARKS
QV1	1	QUERCUS VIRGINIANA / LIVE OAK	14" x 8"	FIELD GROWN/BALLED & BURLAPED 3" CAL. MIN. 5' C.T.
ROS	6	CLUSEA ROSEA / PITCH APPLE	14" x 8"	FIELD GROWN/BALLED & BURLAPED 3" CAL. MIN. 5' C.T. "STANDARD"
PITY	3	PYTHOSPERMA ELEGANS / ALEXANDER PALM	18" x 8"	FIELD GROWN/BALLED & BURLAPED 3" GREYWOOD MIN. "MATCHED"
LAC	9	LAGERSTROMIA INDICA / CRAPE MYRTLE "MATCHED"	14" x 8"	FIELD GROWN/BALLED & BURLAPED 3" CAL. MIN. 5' C.T. "STANDARD"
PDD	11	PODOCARPUS MACROPHYLLUS / MAUI	48"x24"	24" O.C. TO BASE
DRA	2	DRAECENA MARGINATA / RED EGGED	4'-5" HGT.	AS SHOWN FULL MULTI-STEM
CLU	340	CLUSIA FLAVA / SMALL LEAF CLUSIA	30"x24"	24" O.C. (FULL TO BASE)
JAS	82	TRACHELOSPERMUM JASMINOIDES / CONFEDERATE JASMINE	30"x12"	12" O.C. "RELLIS"
GRE	430	FICUS MICROCARPA / GREEN ISLAND	14"x12"	12" O.C.
COC	375	COCOAUM VARIEGATUM / MAHMET CROTON	18"x12"	12" O.C.
TRA	3,375	TRACHELOSPERMUM ASHTONUM / MINNA	4'-6" HGT.	8" O.C.



- ### NOTES:
- SEE SPECIFICATION SHEET FOR ADDITIONAL DETAILS.
 - ALL PLANT MATERIAL SHALL BE FLORIDA #1 OR BETTER & SHALL BE INSTALLED AS SPECIFIED IN "GRADES AND STANDARDS" FOR NURSERY PLANTS FLORIDA DEPT. OF AGRICULTURE GRADES AND STANDARDS, CURRENT EDITION RESPECTIVELY.
 - LANDSCAPE CONTRACTOR TO PROVIDE AN AUTOMATIC LAWN IRRIGATION SYSTEM GUARANTEEING 100% COVERAGE & 50% MIN. OVERLAP TO ALL LANDSCAPED AREAS. SYSTEM SHALL HAVE A RAIN SENSOR DEVICE AS REQUIRED, SYSTEM SHALL BE EQUIPPED WITH A RUST CONTROL DEVICE.
 - ALL EXISTING TREES SHALL BE TRIMMED AS PER "THE AMERICAN NATIONAL STANDARD INSTITUTE (ANS) A300-2005" CURRENT EDITION RESPECTIVELY, IF NECESSARY; TREE/PALM TRIMMING PERMITS SHALL BE REQUIRED PRIOR TO TRIMMING.
 - LANDSCAPE CONTRACTOR TO REMOVE ALL EXISTING BROWZING POPPER & FLORIDA HOLLY FROM SITE.
 - EXISTING TREES TO BE BARBED PRIOR TO BEGINNING OF CONSTRUCTION & SHALL REMAIN IN PLACE DURING CONSTRUCTION AS PER CITY OF PLANTATION ORDINANCE. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT (72 HOURS) PRIOR TO CONSTRUCTION TO ENSURE LEAST AMOUNT OF DAMAGE TO EXISTING PRESERVED TREES AS REQUIRED BY FOLLOWING DEMOLITION.
 - NO HEAVY EQUIPMENT, CONSTRUCTION MATERIALS OR SOIL DEPOSITS ARE TO BE ALLOWED INSIDE TREE BARRIERS.
 - TREE REMOVAL/TRANSPLANT PERMIT SHALL BE REQUIRED PRIOR TO CONSTRUCTION & ANY CLEARING OPERATIONS AS REQUIRED.
 - TREE CANOPY REPLACEMENT SHALL BE REQUIRED BY OWNER AND DETERMINED BY CITY OF PLANTATION CODES AS REQUIRED.
 - TOPSOIL SHALL BE CLEAN & REASONABLY FREE OF CONSTRUCTION DEBRIS, WEEDS, ROCKS, & NOXIOUS PESTS & DISEASE (SEE SOIL PLANTING SPECIFICATIONS).
 - A PREPLANTING MEETING SHALL BE HELD WITH THE CITY LANDSCAPE DEPARTMENT PRIOR TO ANY INSTALLATION. (564) 797-2150 (TO SCHEDULE).
 - ALL PROPOSED TREES TO BE RELOCATED SHALL BE ROOT PRUNED 8 WEEKS PRIOR TO CONSTRUCTION AND DONE ACCORDING TO GOOD NURSERY PRACTICE AS REQUIRED. TRECH DEPTH SHALL BE 18"-36"; ROOT BALL SHALL BE A MINIMUM OF 60" WHEN ROOT PRUNED. FULL TRECH WITH FIBROSE MATERIAL SUCH AS LEAVES, OR WOOD SHAVINGS. WATERING SHALL BE ONCE A WEEK DURING ROOT PRUNING. (OWN ROOTS SHALL BE TRIMMED TO SOLID WOOD). RELOCATED TREES SHALL BE LIGHTLY PRUNED BY HAND. A ISA CERTIFIED ARBORIST SHALL ROOT PRUNE ANY AND ALL EXISTING TREES WITHIN PAVING/CURBING AREAS TO BE BE INSTALLED; VERIFY ON SITE WITH CITY LANDSCAPE DEPARTMENT PRIOR TO ANY INSTALLATION; FIELD VERIFY WITH GENERAL CONTRACTOR AS REQUIRED.
 - LANDSCAPE CONTRACTOR SHALL WATER RELOCATED TREES W/ TEMPORARY IRRIGATION EVERYDAY FOR THE FIRST MONTH THEN 2-3 TIMES A WEEK FOR A PERIOD OF 12 MONTHS OR UNTIL SYSTEM IS FULLY AUTOMATIC (SEE IRRIGATION PLAN); OWNER TO SUPPLY WATER ON SITE. TRANSPLANT TREES W/ 60" TREE SPACE AND / OR TREE CRANE. TRANSPLANTING HOLE SHALL BE AT LEAST 1/3 BIGGER THAN THE AREA THAT WAS TRENCHED FOR TRANSPLANTING.
 - SET TREES NO DEEPER THAN IT WAS IN ITS ORIGINAL GROWING WITH THE "FIRST ORDER" OF ROOT BALL EVEN WITH OR SLIGHTLY HIGHER (+/- 1") THAN THE FINISHED GRADE.
 - PROTECT DISH TO REMAIN WATER. ELIMINATE AIR POCKETS WITH THE USE OF WATER HOSE. HOLE SHOULD BE FILLED WITH A MIXTURE OF GOOD TOP SOIL (SEE SPECIFICATION SHEET).
 - A TEMPORARY HOLDING AREA SHALL BE USED ON SITE DURING CONSTRUCTION OR UNTIL TREES CAN BE PROPERLY RELOCATED. COORDINATE WITH LANDSCAPE ARCHITECT.
 - CONTRACTOR TO ARRANGE AN ON SITE MEETING WITH THE DEPARTMENT OF LANDSCAPE ARCHITECTURE TO APPROVE CONDITION OF EXISTING TREES TO BE RELOCATED AND OR REDUCED.
 - GENERAL CONTRACTOR SHALL REMOVE ALL ROAD ROCK, ASPHALT, DEBRIS, ETC. IN ALL LANDSCAPE AREAS TO A MIN. DEPTH OF 30" AND PROMOTE PLANTING SOIL AS REQUIRED (SEE SOIL SPECIFICATIONS).
 - GENERAL CONTRACTOR SHALL GRADE AND FILL ALL TREE & PALM HOLES ONCE TREES & PALMS ARE RELOCATED AND OR REDUCED.
 - ALL EXISTING TREES/PALMS, BEDS, SHRUBS ON THE PROPERTY SHALL BE FERTILIZED, SEE SPECIFICATIONS; OWNER SHALL SCHEDULE A FERTILIZATION PROGRAM A MINIMUM THREE TO FOUR TIMES A YEAR FOR HEALTHY LANDSCAPE MATERIALS.



- ### CITY OF PLANTATION PLANTING CRITERIA
- ALL PLANT MATERIAL SHALL BE FLORIDA NO. 1 OR BETTER ACCORDING TO GRADES AND STANDARDS FOR NURSERY PLANTS. ALL TREES THAT ARE DESIGNATED AS SINGLE-TRUNK TREES SHALL HAVE A SINGLE, DOMINANT LEADER, PROPER STRUCTURAL BRANCHING AND EVEN DISTRIBUTION OF THEIR BRANCHES AND A RELATIVELY STRAIGHT TRUNK. TREES WITH BARK INCLUSION, TREES THAT HAVE BEEN TRIMMED, AND CO-DOMINANT TRUNKS AT ANY HEIGHTS WILL NOT BE ACCEPTED. TREES WITH CRACKING, CRACKING AND/OR PLUMING ROOTS WILL BE CONSIDERED CULLS AND THEREFORE REJECTED.
 - A PRE-PLANTING MEETING IS REQUIRED WITH THE DEPARTMENT OF PLANNING, ZONING & ECONOMIC DEVELOPMENT, LANDSCAPE AT 954-797-2246 PRIOR TO ANY WORK BEING DONE ON THE PROPERTY.
 - ALL TREES AND PALMS SHALL BE FIELD GROWN BALLED AND BURLAPED.
 - ALL TREES AND PALMS MUST BE PLANTED SO THE TOP OF THE ROOT BALL, ROOT FLANK, AND FIRST ORDER ROOTS ARE AT THE SAME LEVEL OR SLIGHTLY ABOVE THE FINAL GRADE. (ADVENTUROUS ROOTS ARE NOT CONSIDERED FIRST ORDER ROOTS).
 - ALL SYNTHETIC BURLAP, SYNTHETIC STRING OR CORDS SHALL BE REMOVED FROM THE ROOTBALLS BEFORE ANY TREES ARE PLANTED. THE TOP PORTION OF BURLAP MUST BE REMOVED FROM THE TOP OF THE ROOTBALLS. THE TOP 1/2" OF MORE BASKETS SHALL BE REMOVED. THE BOTTOM 2/3" SHALL BE CUT BEFORE THE TREES ARE INSTALLED.
 - ALL SYNTHETIC TAPE (I.E. TAGGING TAPE, NURSERY TAPE) SHALL BE REMOVED FROM TRUNKS, BRANCHED, ETC. BEFORE INSPECTION. REMOVE ALL BAMBOO AND METAL STRIPS FROM THE TREES.
 - TREES SHALL HAVE A MULCH RING OF A MINIMUM OF 4" DIAMETER MULCH SHOULD HAVE A MINIMUM DEPTH OF 2" AND A MAXIMUM DEPTH OF 3". ALL PLANTING BEDS MUST BE MULCHED. MULCH SHOULD BE KEPT 3" FROM THE BASE OF ALL PLANT MATERIAL. DRYNESS MULCH, RED, GOLD AND GREEN MULCH IS PROHIBITED. OTHER CLEAN HARDWOOD SPECIES OR CLEAN RECYCLED MULCH MAY BE USED. ESTABLISH CLEAN PLANTING BED LINES. LEAVE > 1 1/2" ON EITHER SIDE OF THE PLANT MATERIAL FOR MAINTENANCE.
 - ALL TREES AND PALMS SHALL BE GUIDED WITH PROPER HORTICULTURAL AND ARBORICULTURAL TECHNIQUES. DO NOT USE WIRE, BLACK STRAPPING, OR OTHER SYNTHETIC MATERIAL FOR THE STAKING OF TREES. PLEASE USE BIODEGRADABLE MATERIAL FOR STAKING. NAILING INTO TREES AND PALMS FOR ANY REASON IS PROHIBITED. ALL STAKING MATERIAL SHALL BE REMOVED ONCE TREES ARE ESTABLISHED.
 - SHRUBS AT THE TIME OF INSTALLATION SHALL NOT BE LESS THAN 2 1/2" IN HEIGHT WITH A MINIMUM HEIGHT OF 30" FOR PERMANENT HEDGE MATERIAL.
 - GROUND COVER AREAS AT THE TIME OF INSTALLATION SHALL BE PLANTED WITH A MINIMUM COVERAGE OF 75% COVERAGE.
 - ALL LANDSCAPE AREAS SHALL BE PROVIDED WITH AN AUTOMATICALLY-OPERATING UNDERGROUND IRRIGATION SYSTEM WITH A MINIMUM OF 100% COVERAGE WITH 50% MINIMUM OVERLAP IN GRID/COVER AND SHRUB AREAS. THE RAIN SENSOR MUST BE INSTALLED AND OPERATIONAL AS WELL AS THE RUST INHIBITOR IF APPLICABLE.
 - IN COMPLIANCE WITH SECTION 13-34(6) OF THE CITY'S LANDSCAPE CODE OF ORDINANCES ALL PLANTING BED AREAS MUST HAVE A MINIMUM OF 6" OF PLANTING SOIL, AND ALL SOILED AREAS SHALL HAVE 2" OF PLANTING SOIL. THIS SOIL SHALL BE FILLED INTO EXISTING SOIL ON SITE. ALL SOIL SHALL BE FREE OF WEEDS AND OTHER NOXIOUS MATERIALS. RECYCLED COMPOST IS UNACCEPTABLE AS A SOIL AMENDMENT. PLEASE CONTACT THE CITY PRIOR TO PLANTING FOR AN INSPECTION OF THE PLANTING BEDS/ISLANDS.
 - ALL UTILITY EQUIPMENT, SUCH AS FPL BOXES, CABLE TV BOXES, BACKFLOW PREVENTORS, MATERIALS, RECYCLED COMPOST IS UNACCEPTABLE AS A SOIL AMENDMENT. PLEASE CONTACT THE CITY PRIOR TO PLANTING FOR AN INSPECTION OF THE PLANTING BEDS/ISLANDS.
 - PLEASE USE CITY APPROVED PLANTING DETAILS.
 - WHERE APPLICABLE, APPROPRIATE TREE PROTECTION BARRIERS MUST BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY WORK ON THE PROPERTY.
 - WHERE APPLICABLE, TREE REMOVAL AND/OR TREE RELOCATION PERMITS MUST BE OBTAINED THROUGH THE DEPARTMENT OF PLANNING, ZONING & ECONOMIC DEVELOPMENT PRIOR TO ANY WORK BEING DONE ON THE PROPERTY.
 - PLEASE FOLLOW APPROVED LANDSCAPE PLANS FOR SPECIES, SIZES, LOCATIONS, QUANTITIES, QUALITY, ETC. IF YOU ARE UNABLE TO LOCATE PLANT MATERIAL AT REQUIRED SPECIFICATIONS PLEASE CONTACT OUR DEPARTMENT PRIOR TO ANY CHANGES BEING MADE AT 954-797-2246.

LANDSCAPE DATA

	REQUIRED	PROVIDED
PERIMETER TREES & R.O.W.		
1 TREE / 40 L.F. (559.53 L.F.)	14	14
INTERIOR LANDSCAPE AREA		
1356 V.U.A.:	1,888.79 S.F.	2,010.00 S.F.
INTERIOR PARKING AREAS		
1 TREE / 40 L.F. (80 L.F.)	2	3
PEDESTRIAN ZONES:	11'	VARIES 11'
PEDESTRIAN ZONES TREES: 1:30 L.F.	5	5
STREET TREES= (ST)	5	5
TOTAL TREES:	26	27

IRRIGATION SCHEDULE

FOR RELOCATED AND/OR NEWLY PLANTED TREES/PALMS THE IRRIGATION SCHEDULE SHALL BE AS PER FPL PUBLICATION ENH-1061. DURING ESTABLISHMENT, TREES SHOULD BE IRRIGATED 1-3 TIMES PER WEEK WITH 2 GALLONS PER INCH TRUNK CALIPER. ALL THIS WATER SHOULD BE APPLIED ONLY TO THE TOP OF THE ROOT BALL.

SIZE OF NURSERY STOCK	WEEK	SURVIVAL
LESS THAN 2 INCH CALIPER	DAILY: 2 WEEKS EVERY OTHER DAY: 2 MONTHS	TWICE WEEKLY FOR 2-3 MONTHS
2-4 INCH CALIPER	DAILY: 1 MONTH EVERY OTHER DAY: 3 MONTHS	TWICE WEEKLY FOR 3-4 MONTHS
GREATER THAN 4 INCH CALIPER	DAILY: 6 WEEKS EVERY OTHER DAY: 5 MONTHS	TWICE WEEKLY UNTIL ESTABLISHED

* ESTABLISHMENT TAKES APPROXIMATELY 3 MONTHS TO BE SUCCESSFUL (ZONES 10-11)
4 MONTHS (WOODS ZONES 8-9) FOR BARK CALIPER.

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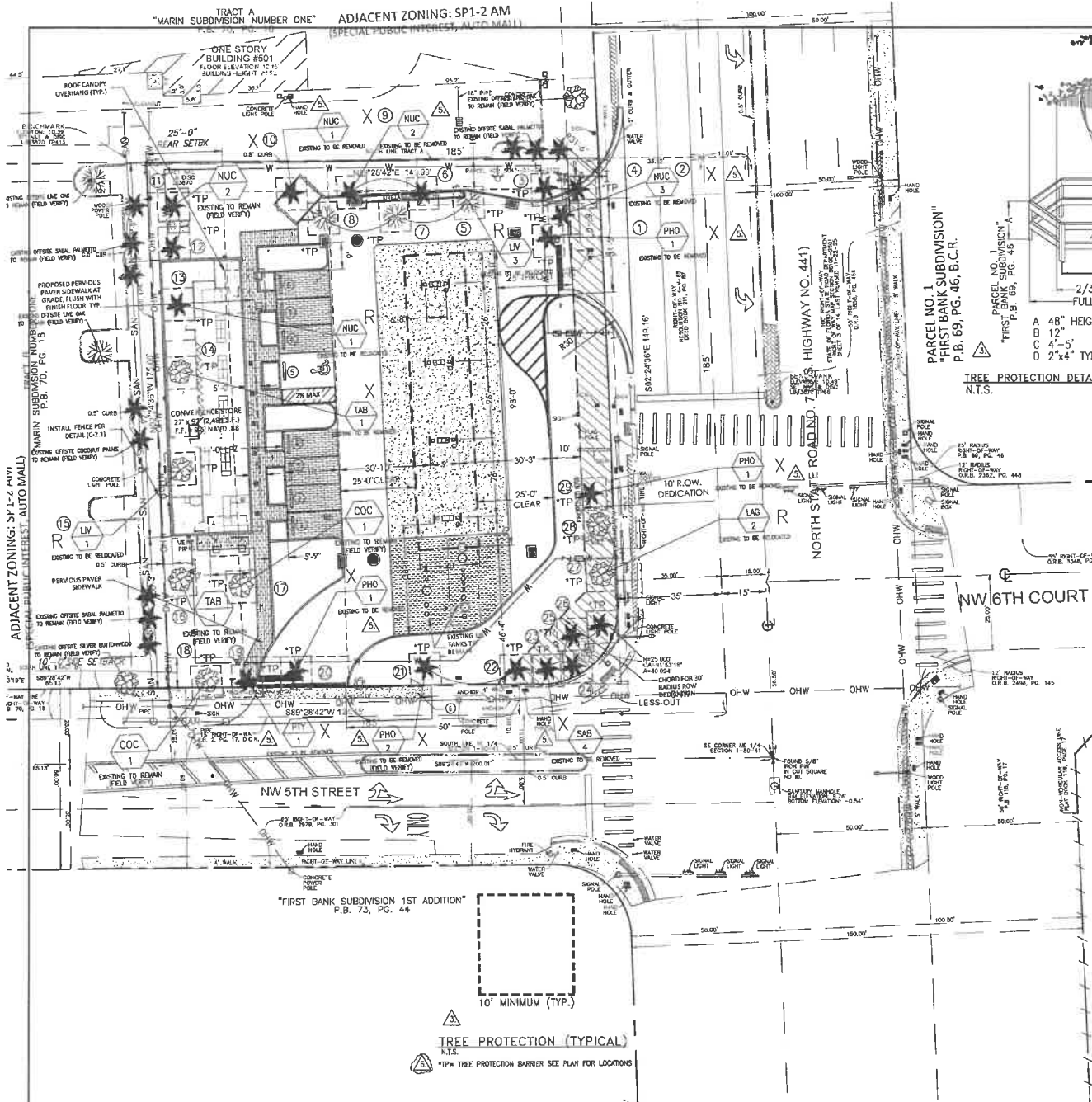
LANDSCAPE PLAN
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PLANTATION SHELL - CIRCLE K
501 N. STATE ROAD 7
PLANTATION, FL 33317

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DAIMIAN D LESLIE
FL REG # 75113
JOB # 15246
DWG # L-1
SHEET NUMBER
1 OF 6



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 - ALL PROPOSED TREES TO BE ROOT PRUNED 6 WEEKS PRIOR TO CONSTRUCTION AND DONE ACCORDING TO GOOD NURSERY PRACTICE AS REQUIRED. TRENCH DEPTH SHALL BE 18"-36"; ROOT BALL SHALL BE A MINIMUM OF 60" WHEN ROOT PRUNED. FILL TRENCH WITH FIBROUS MATERIAL SUCH AS LEAVES, OR WOOD SHAVINGS. WATERING SHALL BE ONCE A WEEK DURING ROOT PRUNING. TORN ROOTS SHALL BE TRIMMED TO SOFT WOOD. RELOCATED TREES SHALL BE LIGHTLY PRUNED BY HAND.
 - ISA CERTIFIED ARBORIST SHALL ROOT PRUNE ANY AND ALL EXISTING TREES WITHIN PAVING/CURBING AREAS TO BE INSTALLED; VERIFY ON SITE WITH CITY LANDSCAPE DEPARTMENT PRIOR TO ANY INSTALLATION; FIELD VERIFY WITH GENERAL CONTRACTOR AS REQUIRED. LANDSCAPE CONTRACTOR SHALL WATER RELOCATED TREES W/ TEMPORARY IRRIGATION EVERYDAY FOR THE FIRST MONTH THEN 2-3 TIMES A WEEK UNTIL SYSTEM IS FULLY AUTOMATIC; OWNER TO SUPPLY WATER ON SITE.
 - TRANSPANT TREES W/ 60" TREE SPACE, AND / OR TREE CRANE. TRANSPANTING HOLE SHALL BE AT LEAST 1/3 BROADER THAN THE AREA THAT WAS TRIMMED FOR TRANSPANTING.
 - SET TREES NO DEEPER THAN IT WAS IN ITS ORIGINAL GROWING WITH THE FIRST ORDER OF ROOT BALL EVEN WITH OR SLIGHTLY HIGHER (+ 1") THAN THE FINISHED GRADE.
 - PROMOTE DEEP TO RETAIN WATER, ELIMINATE AIR POCKETS WITH THE USE OF WATER HOSE, HOSE SHOULD BE FILLED WITH A MIXTURE OF GOOD TOP SOIL (SEE SPECIFICATION SHEET).
 - A TEMPORARY HOLDING AREA SHALL BE USED ON SITE DURING CONSTRUCTION OR WHEN TREES CAN BE PROPERLY RELOCATED, COORDINATE WITH LANDSCAPE ARCHITECT.
 - CONTRACTOR TO ARRANGE AN ON SITE MEETING WITH THE DEPARTMENT OF LANDSCAPE ARCHITECTURE TO APPROVE CONDITION OF EXISTING TREES TO ENSURE THEY ARE OF QUALITY TO BE RELOCATED AND SHALL BE REPLACED AS NEEDED IF REQUIRED.
 - LANDSCAPE CONTRACTOR TO PROVIDE ABOVE GROUND HEDGE SCREENING SUCH AS AIR CONDITIONER PADS AROUND SPRINGER PUMP HOUSE, BACKFLOW PREVENTERS, PPL BOXES, ETC. (MATCH HEDGE) AS REQUIRED.
 - GENERAL CONTRACTOR SHALL REMOVE ALL ROAD ROCK, ASPHALT, DEBRIS, ETC. IN ALL LANDSCAPE AREAS TO A MIN. DEPTH OF 30" AND PROMOTE PLANTING SOIL AS REQUIRED (SEE SOIL SPECIFICATIONS).
 - GENERAL CONTRACTOR SHALL GRADE AND FILL ALL TREE & PALM HOLES ONCE TREES & PALMS ARE REMOVED AND OR RELOCATED.
 - ALL EXISTING TREES/PALMS, BEDS, SHRUBS ON THE PROPERTY SHALL BE FERTILIZED, SEE SPECIFICATIONS; OWNER SHALL SCHEDULE A FERTILIZATION PROGRAM A MINIMUM THREE TO FOUR TIMES A YEAR FOR HEALTHY LANDSCAPE MATERIALS.

X = TO BE REMOVED; MITIGATION TO BE PAID INTO CITY TREE FUND; TREE VALUES SHALL BE DETERMINED BY THE CITY OF PLANTATION LANDSCAPE DEPARTMENT.

R = TO BE RELOCATED; SEE LANDSCAPE PLAN L-1 FOR ADDITIONAL INFO

KCT	CODE	AMOUNT	BOTANICAL NAME / COMMON NAME	SIZE	REMARKS	CONDITION	REMOVAL VALUE
1	PHO	1	PHOENIX ROEBELLINI / PIGMY DATE PALM	6'-8" X 5'	TO BE REMOVED (4" CALIPER)	GOOD	\$375.00
2	NUC	1	COCOS NUJIFERA / COCONUT PALM	16'-18" X 15'	TO BE REMOVED (9" CALIPER)	GOOD	\$1,625.00
3	NUC	1	COCOS NUJIFERA / COCONUT PALM	16'-18" X 15'	TO BE REMOVED (9" CALIPER)	GOOD	\$1,625.00
4	NUC	1	COCOS NUJIFERA / COCONUT PALM	14'-16" X 15'	TO BE REMOVED (8" CALIPER)	GOOD	\$1,575.00
5	LV	1	QUERCUS VIRGINIANA / LIVE OAK	18'-20" X 15'	EXISTING TO BE RELOCATED (10" CALIPER)	GOOD	\$1,950.00
6	LV	1	QUERCUS VIRGINIANA / LIVE OAK	16'-18" X 15'	EXISTING TO BE RELOCATED (10" CALIPER)	GOOD	\$1,875.00
7	LV	1	QUERCUS VIRGINIANA / LIVE OAK	18'-20" X 15'	EXISTING TO BE RELOCATED (10" CALIPER)	GOOD	\$1,950.00
8	LV	1	QUERCUS VIRGINIANA / LIVE OAK	18'-20" X 15'	EXISTING TO BE RELOCATED (10" CALIPER)	GOOD	\$1,950.00
9	NUC	1	COCOS NUJIFERA / COCONUT PALM	18'-20" X 15'	TO BE REMOVED (12" CALIPER)	GOOD	\$1,950.00
10	NUC	1	COCOS NUJIFERA / COCONUT PALM	18'-20" X 15'	TO BE REMOVED (12" CALIPER)	GOOD	\$1,950.00
11	NUC	1	COCOS NUJIFERA / COCONUT PALM	16'-18" X 15'	EXISTING TO REMAIN (8" CALIPER)	GOOD	-----
12	NUC	1	COCOS NUJIFERA / COCONUT PALM	20'-22" X 15'	EXISTING TO REMAIN (12" CALIPER)	GOOD	-----
13	NUC	1	COCOS NUJIFERA / COCONUT PALM	20'-22" X 15'	EXISTING TO BE RELOCATED (10" CALIPER)	GOOD	\$2,400.00
14	TAB	1	TABUA PALLIDA / PINK TRUMPET	18'-20" X 18'	(1) TO BE REMOVED-DECAY (7" CALIPER)	POOR	\$875.00
15	LV	1	QUERCUS VIRGINIANA / LIVE OAK	18'-20" X 20'	EXISTING TO BE RELOCATED (9" CALIPER)	GOOD	\$2,775.00
16	TAB	1	TABUA PALLIDA / PINK TRUMPET	14'-16" X 16'	EXISTING TO REMAIN (3.5" CALIPER)	GOOD	-----
17	COC	1	COCOLOBIA DIVERSIFOLIA / PIGEON PLUM	14'-16" X 15'	EXISTING TO REMAIN (5" CALIPER)	GOOD	-----
18	COC	1	COCOLOBIA DIVERSIFOLIA / PIGEON PLUM	14'-16" X 15'	EXISTING TO REMAIN (5" CALIPER)	GOOD	-----
19	PHY	1	PHYTOSPERMA ELEGANS / ALEXANDER PALM	14'-16" X 12'	TO BE REMOVED (7.5" CALIPER)	GOOD	\$575.00
20	PHO	1	PHOENIX ROEBELLINI / PIGMY DATE PALM	5'-6" X 5'	TO BE REMOVED (4" CALIPER)	GOOD	\$350.00
21	PHO	1	PHOENIX ROEBELLINI / PIGMY DATE PALM	6'-8" X 5'	TO BE REMOVED (4" CALIPER)	GOOD	\$375.00
22	PHO	1	PHOENIX ROEBELLINI / PIGMY DATE PALM	4'-5" X 5'	TO BE REMOVED (4" CALIPER)	GOOD	\$325.00
23	SAB	1	SABAL PALMETTO / CABBAGE PALM	14'-16" X 12'	TO BE REMOVED (12" CALIPER)	GOOD	\$450.00
24	SAB	1	SABAL PALMETTO / CABBAGE PALM	12'-14" X 12'	TO BE REMOVED (12" CALIPER)	GOOD	\$450.00
25	SAB	1	SABAL PALMETTO / CABBAGE PALM	12'-14" X 12'	TO BE REMOVED (12" CALIPER)	GOOD	\$450.00
26	SAB	1	SABAL PALMETTO / CABBAGE PALM	16'-18" X 12'	TO BE REMOVED (10" CALIPER)	GOOD	\$450.00
27	LAC	1	LAGERSTROMIA INDICA / CRAPE MYRTLE	14'-15" X 12'	EXISTING TO BE RELOCATED (2.5" CALIPER)	GOOD	\$725.00
28	LAC	1	LAGERSTROMIA INDICA / CRAPE MYRTLE	14'-15" X 12'	EXISTING TO BE RELOCATED (2.5" CALIPER)	GOOD	\$725.00
29	PHO	1	PHOENIX ROEBELLINI / PIGMY DATE PALM	5'-6" X 5'	TO BE REMOVED (4" CALIPER)	GOOD	\$350.00

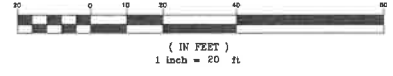
TREE PROTECTION BARRIERS SHALL BE PLACED AROUND ALL EXISTING TREES WITHIN THE DEMOLITION ZONE. THE BARRICADES MUST BE IN PLACE PRIOR TO THE DEMOLITION OF THE BUILDING.

CONTRACTOR TO OBTAIN A TREE TRIMMING PERMIT TO PERFORM CORRECTIVE AND STRUCTURAL PRUNING ON THE LIVE OAK AND TABEUBIA TREES THAT WILL REMAIN ON SITE.



EXISTING TREE ENCROACHMENT PLAN

SCALE: 1" = 20'-0" GRAPHIC SCALE



IRRIGATION SCHEDULE

FOR RELOCATED AND/OR NEWLY PLANTED TREES/PALMS THE IRRIGATION SCHEDULE SHALL BE AS PER UF/IFAS PUBLICATION ENH-1081: DURING ESTABLISHMENT, TREES SHOULD BE IRRIGATED 2-3 TIMES PER WEEK WITH 2 GALLONS PER INCH TRUNK CALIPER. ALL THIS WATER SHOULD BE APPLIED ONLY TO THE TOP OF THE ROOT BALL. TABLE 2. IRRIGATION SCHEDULES DEPEND ON SIZE OF NURSERY STOCK AND DESIRED OBJECTIVE.*

SIZE OF NURSERY STOCK	WATER	SURVIVAL
LESS THAN 2 INCH CALIPER	DAILY: 2 WEEKS EVERY OTHER DAY; 2 MONTHS WEEKLY-UNTIL ESTABLISHED	TWICE WEEKLY FOR 2-3 MONTHS
2-4 INCH CALIPER	DAILY: 1 MONTH EVERY OTHER DAY; 3 MONTHS WEEKLY-UNTIL ESTABLISHED	TWICE WEEKLY FOR 3-4 MONTHS
GREATER THAN 4 INCH CALIPER	DAILY: 6 WEEKS EVERY OTHER DAY; 5 MONTHS WEEKLY-UNTIL ESTABLISHED	TWICE WEEKLY FOR 4-5 MONTHS

* ESTABLISHMENT TAKES APPROXIMATELY 3 MONTHS (WARMNESS ZONES 10-11) 4 MONTHS (WARMNESS ZONES 8-9) PER INCH TRUNK CALIPER.

"ALL EXISTING, PROTECTED TREES TO REMAIN; AND SHALL BE PROTECTED DURING DEMOLITION" (BY GENERAL CONTRACTOR)

EXISTING TREE ENCROACHMENT PLAN

AUTOMATED PETROLEUM & ENERGY CO, INC
PLANTATION SHELL - CIRCLE K
501 N STATE ROAD 7
PLANTATION, FL 33317

DATE: 08-23-17	REVISION: 1	BY: [Signature]
DATE: 08-23-17	REVISION: 2	BY: [Signature]
DATE: 08-23-17	REVISION: 3	BY: [Signature]
DATE: 08-23-17	REVISION: 4	BY: [Signature]
DATE: 08-23-17	REVISION: 5	BY: [Signature]

FOR PERMITTING
PLANS PREPARED BY: [Signature]

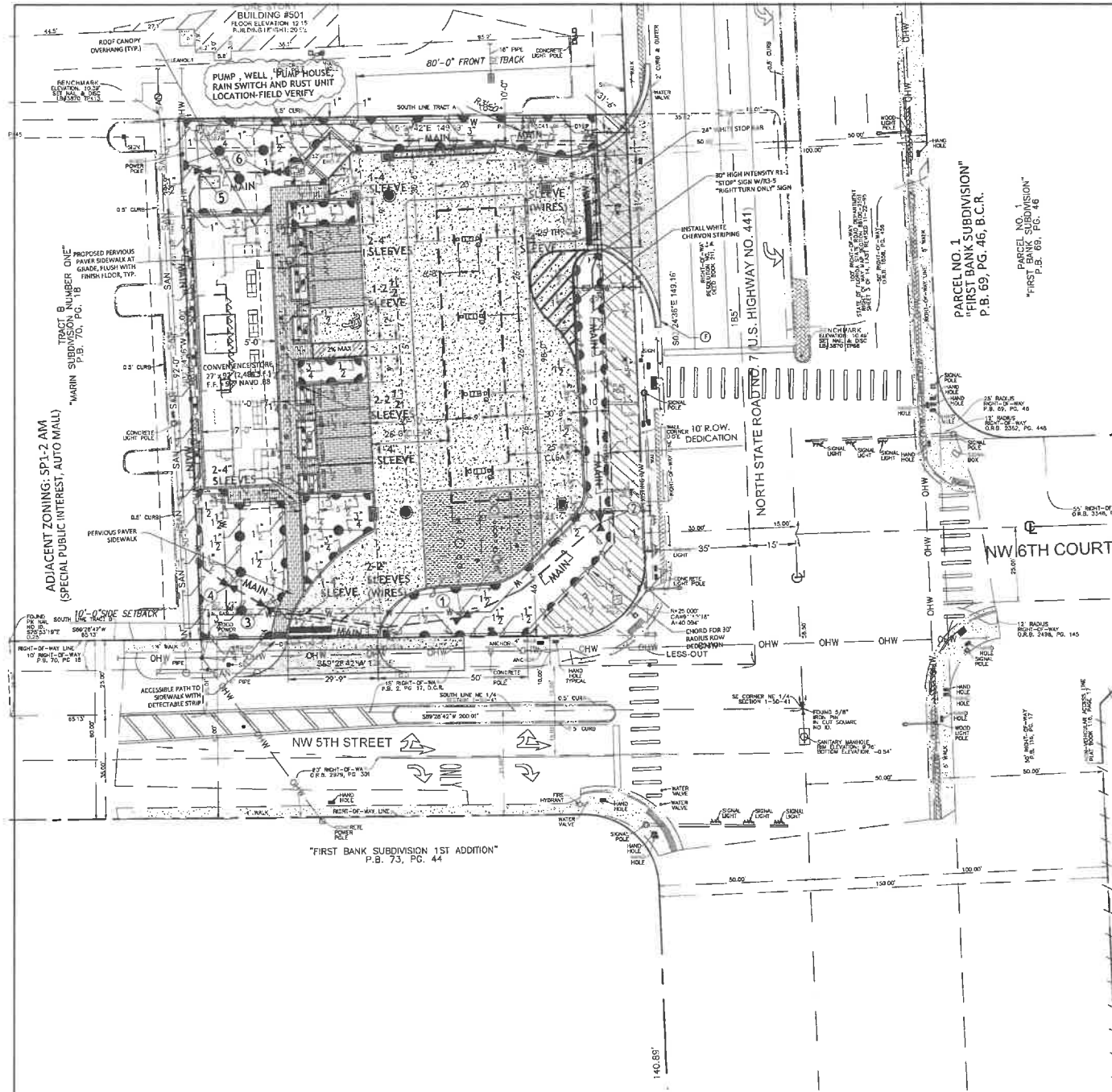
MDM
engineering • environmental • construction
3311 NW 12th Street, Suite 900, Plantation, FL 33312
(954) 350-3311

DAMIANO LESLIE
FL REG # 73113

JOB # 15246

DWG # L-2

SHEET NUMBER
2 OF 6

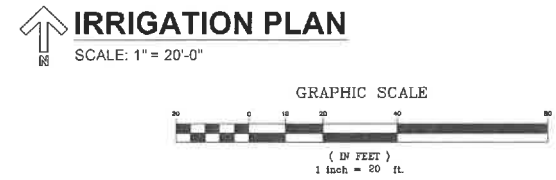


NOTE: ZONE RUN TIME ACTIVITY SHALL BE 25 MINUTES FOR THE FIRST 30 DAYS (EXCEPT FRIDAYS) FOR THE ESTABLISHMENT OF THE PLANT MATERIALS, AFTER THE ESTABLISHMENT OF PLANT MATERIAL THE ZONES SHALL RUN A MAXIMUM OF 20 MINUTES EACH ZONE TWICE WEEKLY OR AS DIRECTED BY THE "SOUTH FLORIDA WATER MANAGEMENT DISTRICT" RESTRICTION REQUIREMENTS.

IRRIGATION LEGEND		
TODD SPRAY NOZZLES 5/8" W/ 6" SPRINKLER BODY		
SPRINKLER	AREA	CPW
4" X 20'	4' X 20'	1.00
1/2" H	15' RAD	2.00
4" X 15'	15' RAD	1.00
4" X 15'	4' X 15'	0.50
TODD SERIES BRAD CLEAR DIMEN ROTARY SPRINKLER	4' X 20'	2.5
4" X 20'	4' X 20'	1.45
4" X 20'	15' RAD	4.00
2 HP STANLEY SELF PRIMING PUMP MODEL #JCSMC, OPERATING 35 GPM @ 35 PSI OR EQUIVALENT 220 VOLT (OR EQUAL) W/ PUMP START		
RAIN SENSITIVE LOW VOLTAGE CONTROL VALVES 1 1/2" W/ DIRECT BURIAL #14 WIRE AS REQUIRED		
2" SCH 40 PVC MAIN LINE AS SHOWN		
RAIN SENSITIVE 8 STATION TIME CONTROLLER RAIN SWITCH READY 220/114 VOLT		
TODD RAIN SWITCH MODEL # 850-74		
2" CASING IN WELL (WATER USE PERMIT BY OTHERS)		
RISET CONTROL DEVICE-SEE DETAIL ON SPECIFICATIONS SHEET		

SEE DETAIL #1 ON SPECIFICATION SHEET								
ZONE	1	2	3	4	5	6	7	8
# HEADS	21	19	26	21	10	19	---	---
P. P. M.	35.00	38.00	38.00	38.20	23.00	25.40	---	---

- NOTES:**
- ALL LANDSCAPED AREAS SHALL BE PROVIDED WITH AN UNDERGROUND FULLY AUTOMATIC IRRIGATION SYSTEM USING POP-UP SPRINKLERS. SYSTEM SHALL PROVIDE 100% COVERAGE WITH A 50% OVERLAP (MINIMUM) USING RUST FREE WATER, EXCEPT PRESERVED AREAS REMAINING IN NATURAL STATE. A RAIN SENSOR DEVICE OR SWITCH SHALL BE INSTALLED THAT WILL OVERRIDE THE IRRIGATION SYSTEM WHEN ADEQUATE RAINFALL HAS OCCURRED. WATER SHALL NOT BE DIRECTED AND/OR PROVIDED ONTO IMPERVIOUS SURFACES AND/OR BE DESIGNED OR INSTALLED TO THROW WATER OVER IMPERVIOUS SURFACE SUCH AS SIDEWALKS, ETC. HOURS OF OPERATION FOR ALL IRRIGATION SYSTEMS SHALL BE LIMITED TO 5:00 PM TO 8:00 AM ONLY OR AS MAY BE FURTHER RESTRICTED BY SOUTH FLORIDA WATER MANAGEMENT DISTRICT OR OTHER JURISDICTIONAL AGENCY.
 - GENERAL CONTRACTOR TO SUPPLY AND INSTALL SLEEVES AS SHOWN AND PROVIDE ELECTRICAL HOOK-UP, WATER METER AND BACKFLOW PER CITY AS REQUIRED.
 - WORK ALSO SHALL COMPLY WITH THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) CODES AND STANDARDS: ALL WORK SHALL BE INSTALLED AND COMPLY WITH "FLORIDA BUILDING CODE APPENDIX (F) PART V-A-1.", INCLUDING ORDINANCES AND REGULATIONS OF ALL GOVERNING AUTHORITIES.
 - PIPE INSTALLATION IN VEHICLE TRAFFIC AREAS SHALL BE AS FOLLOWS: PBC V-A-1:1:
 PIPE SIZE (INCHES) DEPTH OF COVER (INCHES)
 1/2-2 1/2 18"-24"
 3-5 24"-30"
 6 AND LARGER 30"-36"
 - HEADS TO BE INSTALLED IN PLANTERS AND BED AREAS SHALL BE 12" POP UP OR MUST BE APPROVED BY LANDSCAPE ARCHITECT TO BE LOCATED ON RISERS PRIOR TO INSTALLATION. ALL RISERS SHALL BE PAINTED FLAT BLACK IF APPROVED.
 - IRRIGATION CONTRACTOR TO SUPPLY AND INSTALL BUBBLERS AT ALL NEW TREE LOCATIONS.
 - IRRIGATION CONTRACTOR TO INSTALL ZONE AND MAIN LINES NEXT TO AND ALONG NEW CURB LOCATIONS AND TEE OFF LATERAL LINES AT ALL EXISTING TREE LOCATIONS ALONG NEW CURBS TO PREVENT IMPACT AND DAMAGES TO EXISTING TREES (FIELD VERIFY).
 - CONTRACTOR TO PRESSURE TEST WATER SERVICE UP TO EACH ZONE VALVE IN THE IRRIGATION SYSTEM; MAIN LINE SHALL BE LEFT EXPOSED FOR VISUAL OBSERVATION PRIOR TO BACKFILL AND REQUIRED APPROVAL BY CITY OF PLANTATION; CALL CITY OF PLANTATION FOR REQUIRED INSPECTIONS.



IRRIGATION CONTRACTOR TO INSTALL ZONES AND MAIN LINES NEXT TO AND ALONG NEW CURB LOCATIONS AND TEE OFF LATERAL LINES AT ALL EXISTING TREE LOCATIONS ALONG NEW CURBS TO PREVENT IMPACT AND DAMAGES TO EXISTING TREES, HAND DIG AT ALL EXISTING TREE LOCATIONS; IRRIGATION CONTRACTOR TO SUPPLY AND INSTALL BUBBLERS AT ALL NEW TREE LOCATIONS.



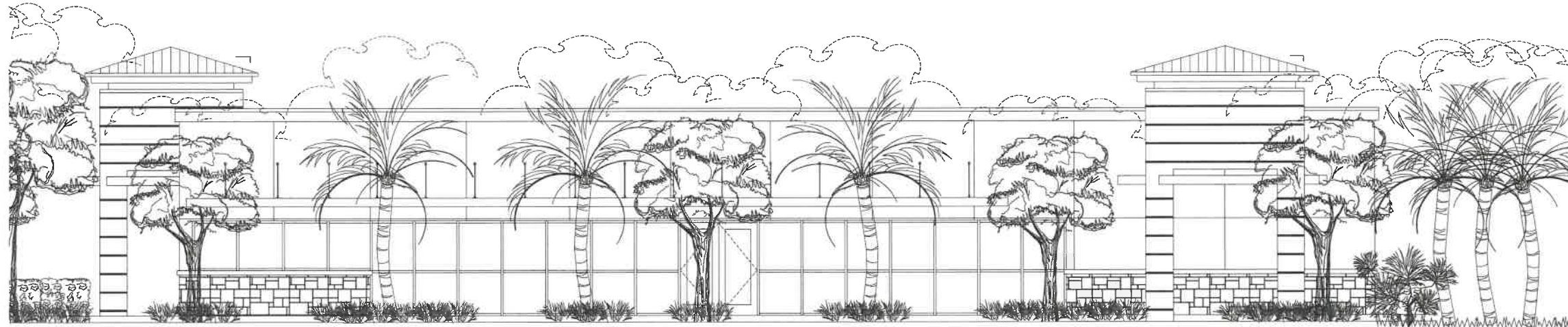
Michael E Rawls
 Registered Professional Engineer
 License No. 106190-00702
 State of Florida
 RICHARD BARTLETT, LANDSCAPE, INC.
 14417 STRIBUP JANE
 WELLINGTON, FL 33414
 LANDSCAPE ARCHITECTURE LICENSE #200000325
 MICHAEL E. RAWLS, R.A. #10071633
 EML - michael@bartlettlandscape.com

IRRIIGATION PLAN
 AUTOMATED PETROLEUM & ENERGY CO. INC
 PLANTATION SHELL - CIRCLE K
 601 N. STATE ROAD 7
 PLANTATION, FL 33317

DATE: 05-23-17
 SCALE AS SHOWN
 DRAWN BY: RICK BARTLETT
 CHECKED BY: MER
 APPROVED BY: RJB/MER
 PROPOSED CHANGE BY: S.S.#
 DATE: 05/23/17
 DATE: 07/17/17
 DATE: 08/01/17

FOR PERMITTING
 PLANNED BY: MDM
 ENGINEERING & ENVIRONMENTAL CONSTRUCTION
 355 SW 5th Avenue, Suite 100, Ft. Lauderdale, FL 33304
 (954) 547-1000

DATE: 05-23-17
 SHEET # 15246
 DWG # L-4
 SHEET NUMBER 4 OF 6



01 Front Elevation
SCALE: 1/4"=1'-0"



02 Side Elevation
SCALE: 1/4"=1'-0"

MICHAEL E. RAWLS
 ARCHITECT
 1111 S. UNIVERSITY AVENUE, SUITE 200
 ORLANDO, FLORIDA 32801
 (407) 251-1111
 www.michaelerawls.com



Michael E. Rawls
 Digitally signed by Michael E. Rawls
 Date: 2021.07.16 10:47:46 -0500

LANDSCAPE ELEVATIONS

AUTOMATED PETROLEUM & ENERGY CO., INC.
 501 STATE ROAD 7
 PLANTATION, FL 33317

DATE	NO.	REVISION	BY:
18/11/19	1	ISSUED SITE PLAN	MB
10/05/20	2	UPDATED SITE PLAN	MB
01/27/21	3	DIFF. COMMENTS, UPDATED SITE PLAN	MB
07/12/21	5	DIFF. COMMENTS, UPDATED SITE PLAN	MB

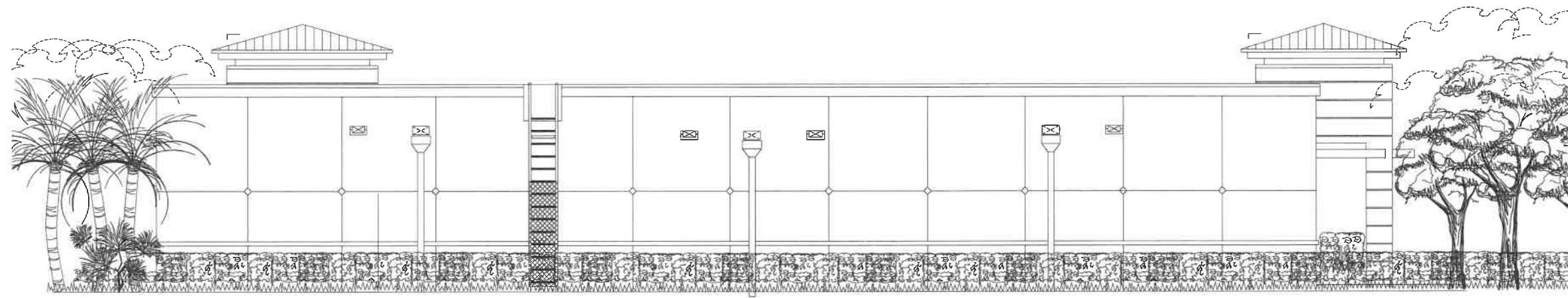
SCALE	DATE	DATE	DATE
1/4" = 1'-0"	03-01-17	03-01-17	03-01-17
DRAWN BY: MB	PROPOSED GRASSES BY:		
CHECKED BY: RHE, BARTLETT	S.S.#		
APPROVED BY: [Signature]			

Do Not Scale - Use Dimensions Only
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 * Do Not Scale - Use Dimensions Only
 * Do Not Scale - Use Dimensions Only

MDM
 ENGINEERING & ENVIRONMENTAL CONSULTING
 3371 NW 13th Ave, Suite 110, Deerfield Beach, FL 33442
 (561) 421-1111

RICHARD R. MORRIS
 FL REG # 34748
 P.E. # 17-09-2011

JOB # 15246
 DWG # L-5
 SHEET NUMBER
 5 OF 6



03 Back Elevation
SCALE: 1/4"=1'-0"



04 Side Elevation
SCALE: 1/4"=1'-0"

MICHAEL E. RAWLS ARCHITECTURE, INC.
 15241 W. STATE ROAD 7, SUITE 100
 LANDSCAPE ARCHITECTURE LICENSE # 12345
 33317 W. STATE ROAD 7, SUITE 100
 PLANTATION, FL 33317
 (954) 381-1234
 www.michaelerawls.com



Michael E Rawls
 Digitally signed by Michael E Rawls
 Date: 2023.07.16
 10:43:46 -0500

LANDSCAPE ELEVATIONS
 AUTOMATED PETROLEUM & ENERGY CO., INC.
 501 STATE ROAD 7
 PLANTATION, FL 33317

DATE	NO.	REVISION	BY
05/01/17	1	ISSUED SITE PLAN	MB
07/20/18	2	ISSUED SITE PLAN	MB
07/20/18	3	ISSUED SITE PLAN	MB
07/20/18	4	ISSUED SITE PLAN	MB
07/20/18	5	ISSUED SITE PLAN	MB

SCALE	DATE	PROPOSED BASIS BY	S.S.#
1/4" = 1'-0"	05-01-17	MB	

DRAWN BY: RMB/JML/LLT
 CHECKED BY: RMB/JML
 APPROVED BY: RMB/JML

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PREPARED BY:
MDM
 engineering & environmental construction
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 PLANTATION, FL 33317

RICHARD R MORRIS
 FL REG # 34748
 05/01/2016

JOB # 15246
 DWG # L-6
 SHEET NUMBER
 6 OF 6