

ARCHITECT:

POOL CONSULTANT

DRAWN BY: CRS / MLT / BHA / CAL

HABER RESIDENCE

Miami Beach, Fl.

SITE ADDRESS:

MIAMI BEACH,

1831 WEST 23RD STREET. MIAMI BEACH, FLORIDA 33140

OWNER: ARCHITECT:

DAVID HABER, N/A
TRUSTEE

1831 WEST 23RD STREET.

MEP ENG.: STRUCTURAL ENG.:

TBD TBD

SUBMITTED SEPARATELY SUBMITTED SEPARATELY

CIVIL ENG.: POOL CONSULTANT:

TBD

SUBMITTED SEPARATELY



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www.enea.ch | info.miami@enea.ch
REG.No: LC26000339
SEAL:

FOR THE FIRM:_ GERARDO JAVIER DELGADO R.L.A. 0001574 DATE:

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No: DATE: ISSUE FOR

1 08.29.17 FIRST SUBMITTAL

2 09.18.17 RESPONSE

3 10.11.17 RESPONSE

ISSUED FOR:

NOT FOR CONSTRUCTION

PROJECT No: MA15201 DRAWN BY: CRS / MLT / BHA / CAL REVIEWED BY: CMO

DRAWING TITLE:

DATE: 08.29.2017

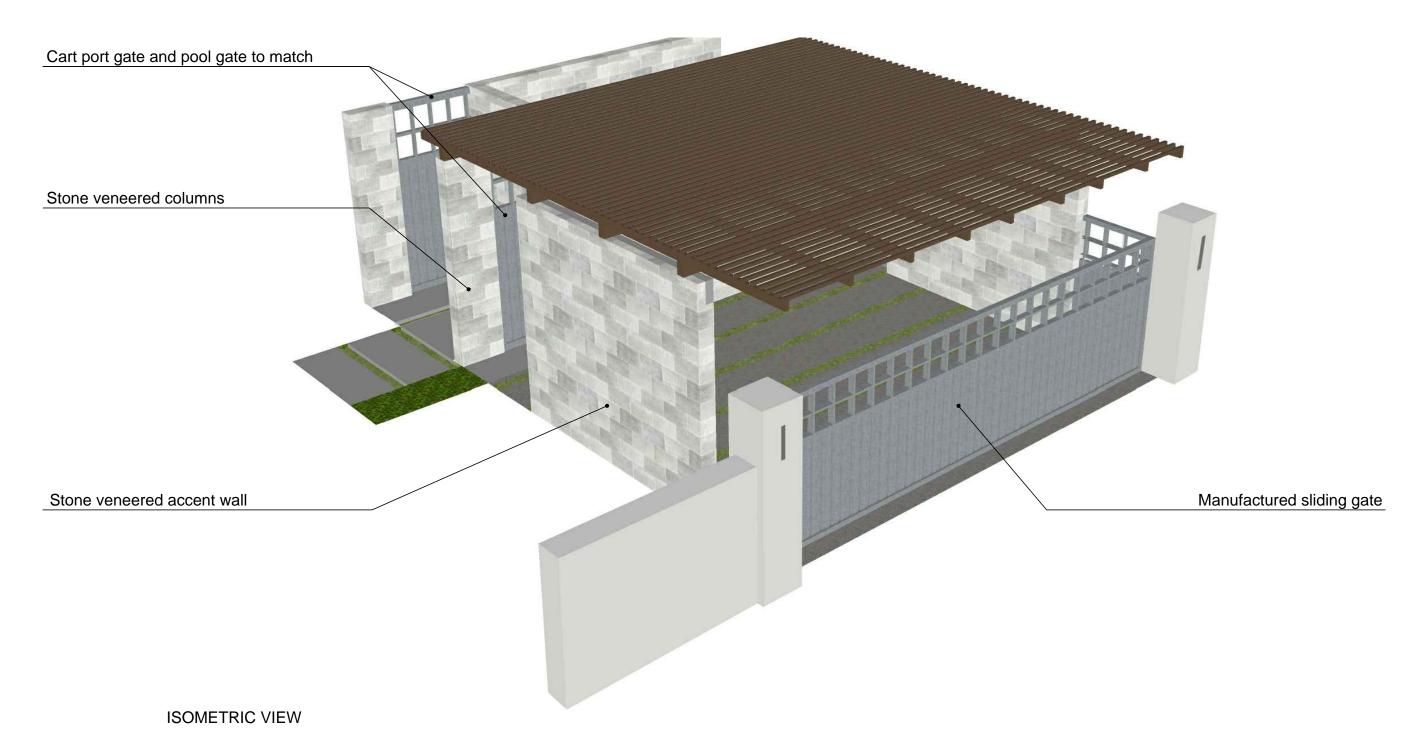
CARPORT RENDERING

SHEET NO: L-400

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S.S. Beams with potential stone veneer





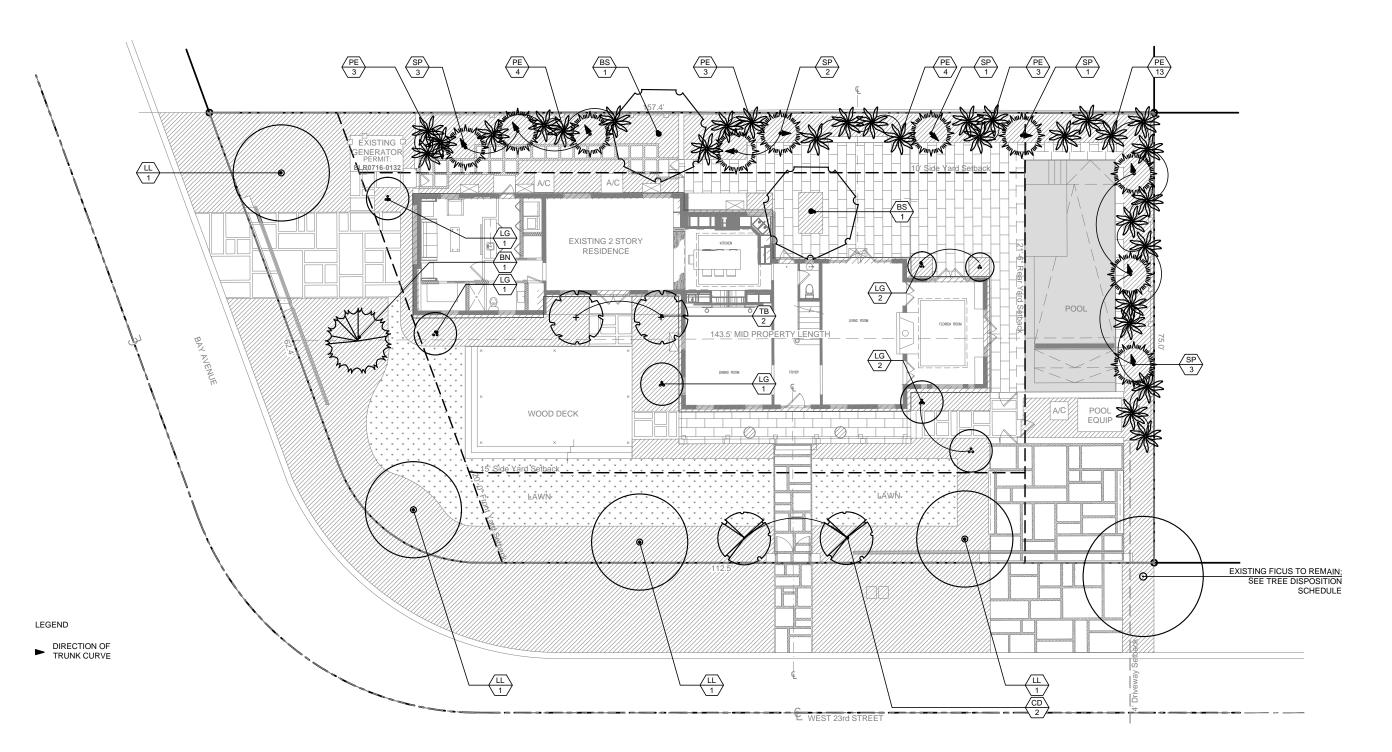




FRONT VIEW - WITH FLOWERING VINE



NOTE: DRAWINGS PROVIDED FOR DESIGN INTENT ONLY. SEE STRUCTURAL / SPECIALTY ENGINEER DRAWINGS FOR DETAILS



REQUIRED MITIGATION POINTS					
SUBTOTAL				3,453	
PROPOSED LANDSCAPE MITIGATION					
	SIZE	MITIGATION	QTY	PTS.	
	SIZE	PTS.	QIT	P 15.	
Category 1 Trees	20'HT	475	11	5,225	
Category 2 Trees	12'HT	200	9	1,800	
Category 3 Trees (Simpson Stoppers)	8'HT	100	0		
Category 4 Palms (Min. 6' CT)		50	10	500	
			30	7 525	

SUMMARY	
TOTAL REQUIRED	3,453
TOTAL PROPOSED	7,525

SYM	QTY	SCIENTIFIC NAME	COMMON NAME	MINIMUM SPECIFICATIONS	NOTES	NATIVE
BS	2	Bursera Simaruba	Gumbo Limbo	FG; 15" HT. 14" SP	Character Tree	YES
CE	4	Conocarpus erectus	Green Buttonwood	FG; 10' HT; 6' SP	Multi-Trunk	YES
CS	3	Conocarpus erectus 'Sericeus'	Silver Buttonwood	FG; 10' HT; 6' SP	Multi-Trunk	YES
CD	3	Coccoloba diversifolia	Pigeon Plum	FG; 12'HT; 6'SP; 4" DBH	Character Tree	YES
LL	4	Lysiloma latisiliqua	Wild Tamarind	FG; 20'HT; 16'SP; 5" MIN DBH	Character Tree	YES
CR	2	Clusia rosea	Authograph Tree	15G; 6' HT; 3.5 ' SP; 3" DBH	Multi-Trunk, Character Tree	YES
TB	2	Tabebuia caraiba	Yellow Trumpet Tree	FG; 12'-14'HT; 8'-10'SP	Character Tree	NO
alms	S		,			
SYM	QTY	SCIENTIFIC NAME	COMMON NAME	MINIMUM SPECIFICATIONS	NOTES	NATIVE
BN	1	Bismarckia nobilis	Bismark Palm	FG. 12' HT. 12'-15' SP 3' GW		NO
PE	32	Ptychosperma elegans	Solitaire Palm	FG. 18" HT; 12" SP	Vary heights throughout	NO
SP	10	Sabal palmetto	Cabbage Palm	F.G. 15'-25' HT.	Curved trunks and booted	YES

^{*} Landscape Architects shall Tag all Trees and Sabal Palms on this plan. Any uninformed planting

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DAVID HABER, TRUSTEE 1831 WEST 23RD STREET. MIAMI BEACH, FLORIDA 33140

MEP ENG.: STRUCTURAL ENG.: GUSTAVO SOLANO ATKINS ENGINEERS

CIVIL ENG.:

GGB ENGINEERING, INC.

FOR THE FIRM: GERARDO JAVIER DELGADO R.L.A. 0001574 DATE:

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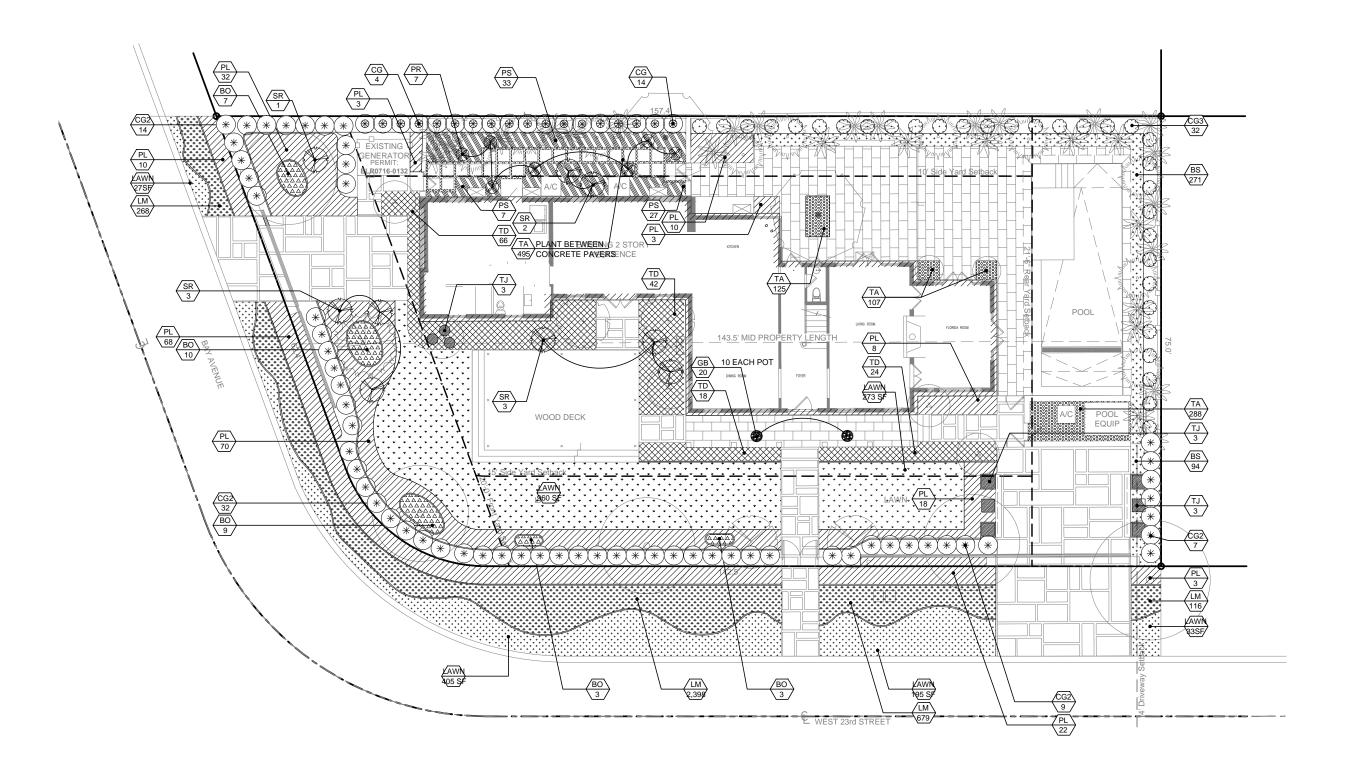
DATE: 04.20.2016 SCALE: 1/8"=1'





CANOPY PLANTING PLAN

L-500



SYM	QTY	SCIENTIFIC NAME	COMMON NAME	MINIMUM SPECIFICATIONS	NOTES	NATIVE
Ю	32	Bougainvillea spp.	ougainvillea spp. White Bougainvillea 15G		Full to base	NO
s	365	Begonia semperflorens White	Wax Begonia	3G; 12" x 12" Full ; 12" O.C	White	NO
βB	20	Glandularia bipinnatifida	Purple Verbena	1G; Full 6"Ht. 6" O.C		NO
M	3,461	Lantana montevidensis	Purple Lantana	1G; Full 6"Ht. 6" O.C		NO
жG	18	Clusia guttifera	Small Leaf Clusia	25G ; 8' - 10' Ht.; 36" O.C.	Full to base hedge	NO
G2	62 Clusia guttifera		Small Leaf Clusia	15G ; 5' Ht.; 36" O.C.	Full to base hedge	NO
G3	32	Clusia guttifera	Small Leaf Clusia	45G; 12'-15' Ht. 4' SP max. 48" O.C.	Full to base hedge	NO
L	247	Psychotria ligustrifolia	Dwarf Wild Coffee	7G; 24" - 30" Ht. Full" SP; 30" O.C.		NO
R	7	Philodendron 'Rojo Congo' Rojo Congo 3G		3G; 18'-24' Ht. Full		NO
S	67	Polypodium scolopendria	Wart Fern	3G; 12"x12" Full ; 24" O.C		NO
R	9	Serenoa repens	Silver Saw Palmetto	15G; 24" x 24" Full		YES
A	1015	Trachelospermum asiaticum	Asiactic Jasmine	1G; Full 6"Ht. 6" O.C		NO
D	150	Tripsacum dactyloides	Fakahatchee Grass	3G; Full 30"HT; 24" O.C. (Staggered)		YES
J	9	Trachelospermum jasminoides	Confederate Jasmine	25G; TRL; Blooming		NO
S	4,291 S.F	Imperial Zoysia	Zoysia - lawn grass	18"x24"pallets	Butt and staggered joints	NO

* WHITE AND PURPLE ORCHIDS ATTACHED TO SABAL PALM TRUNKS. PLACEMENT IN FIELD BY LANDSCAPE ARCHITECT

Acce	ents				
	50	Phalaenopsis amabilis	White Orchid	5" Blooming	NO
	50	Phalaenopsis amabilis	Purple Orchid	5" Blooming	NO

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SUBMITTED SEPARATE



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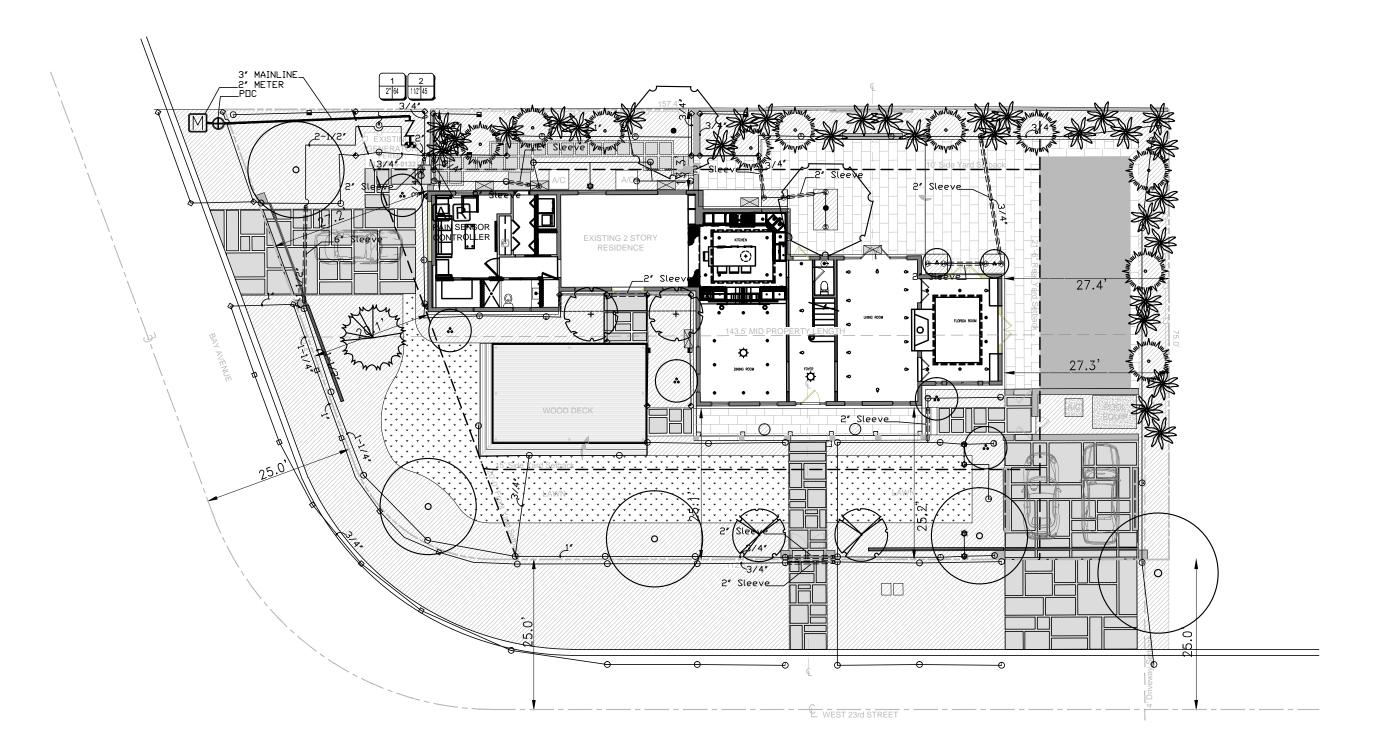




UNDERSTORY
PLANTING PLAN

SHEET NO:

L-501 arden Design Inc.- 2017



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PROJECT No: MA15201

DRAWN BY: CRS / MLT / BHA / CAL REVIEWED BY: CMO DATE: 08.29.2017

SCALE: 1/16"=1"



DRAWING TITLE:

IRRIGATION PLAN

L-600 © Enea Garden Design Inc.- 2017

Irrigation Notes

LAYOUT IRRIGATION SYSTEM MAINLINES AND LATERAL LINES. MAKE ALL NECESSARY ADJUSTMENTS AS REQUIRED TO TAKE INTO ACCOUNT ALL SITE OBSTRUCTIONS AND LIMITATIONS

FLAG ALL SPRINKLER HEAD LOCATIONS. ADJUST LOCATION AND MAKE THE NECESSARY MODIFICATIONS TO NOZZLE TYPES ETC. AS REQUIRED TO INSURE 100% COVERAGE AND 50%

LOW ANGLE TRAJECTORY NOZZLES SHALL BE USED WHEN ALL SPRINKLERS AND ROTORS ARE LOCATED WITHIN 100' OF POOLS OR PUBLIC GATHERING AREAS.

<u>PIPE</u>

PIPE LOCATIONS SHOWN ON PLAN ARE SCHEMATIC ONLY AND SHALL BE ADJUSTED IN THE FIELD. WHEN LAYING-OUT MAINS AND LATERALS, LOCATE PIPE NEAR EDGES OF PAVEMENT OR AGAINST BUILDINGS WHEREVER POSSIBLE TO ALLOW SPACE FOR PLANT ROOT BALLS.

PIPING UNDER HARDSCAPES SUCH AS ROADS, WALKS, AND PATIOS ARE TO BE SLEEVED USING

THRUST BLOCKS OR MEGA LUGS AND DUCTILE IRON FITTINGS TO BE USED ON ALL GASKETED 'O'

*SIZE ALL PIPE SO NOT TO EXCEED 5' PER SECOND *INSTALL RAIN SENSOR AS PER LOCAL CODE

PIPES CONVEYING RECLAIM WATER SHALL HAVE A 3' HORIZONTAL DISTANCE SEPERATION FROM OTHER PIPING OR UTLITILY SERVICES. AN 18" VERTICAL SEPERATION SHALL BE MAINTAINED WHEN APPLICABLE.

AIR RELEASE VALVES TO BE USED AT THE END OF ALL MAINLINE RUNS.

LOW VOLTAGE WIRE TO BE INSTALLED ALONG MAINLINE INSTALLATION. USE 2" SCH. 40 PVC WITH SWEEP ELBOWS AT TURNING LOCATIONS WHEN SLEEVING IS REQUIRED. ALL SPLICES SHALL BE ENCLOSED WITHIN A VALVE/SPLICE BOX.

WIRE SIZED AND COLORED AS FOLLOWS:

#12 WHITE FOR COMMON

#12 SPARE BLACK COMMON (1 SPARE NEEDED PER 10 HOT WIRES)

#14 SPARE YELLOW HOT WIRE (1 SPARES NEEDED PER 10 HOT WIRES, 3 SPARE MINIMUM)

WHEN WIRE RUNS EXCEEDS 3.500 LINEAR FEET. USE #10 FOR COMMON WIRES AND #12 FOR

ALL IRRIGATION CONTROLLERS TO BE PROPERLY GROUNDED IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATIONS

FLUSHING

PRIOR TO PLACEMENT OF HEADS FLUSH ALL LINES UNTIL LINES ARE COMPLETELY CLEAN OF

TRENCHING

TRENCH BOTTOM TO BE UNIFORM AND FREE OF DEBRIS. NATIVE EXCAVATED MATERIAL USED TO BACKFILL TRENCH SHALL BE FREE FROM ROCKS OR STONES LARGER THAN 1" IN DIAMETER.

MISC

PRESSURE TEST MAINLINE AS PER FLORIDA BUILDING CODE. INSTALL IRRIGATION SYSTEM AS PER LATEST EDITION OF THE FLORIDA BUILDING CODE, APPENDIX F., AND ALL PERTINENT LOCAL

SPRAY HEADS INSTALLED IN SHRUB AREAS TO BE 12 INCH POP-UPS OR INSTALLED ON RISERS.

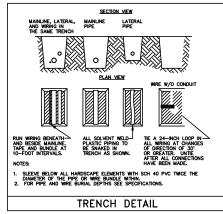
DESIGN

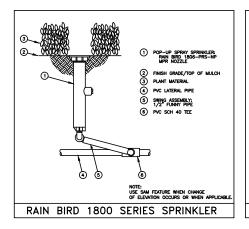
THIS DESIGN IS DIAGRAMATIC. ALL IRRIGATION EQUIPMENT SUCH AS PIPES, VALVES, , ETC., SHOWN WITHIN PERVIOUS AREAS ARE FOR DESIGN CLARIFICATION ONLY. THE IRRIGATION CONTRACTOR SHALL INSTALL IRRIGATION EQUIPMENT IN PLANTING AREAS WHEREVER

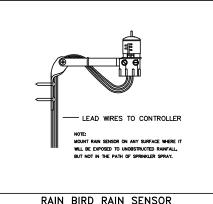
THE IRRIGATION CONTRACTOR IS RESPONSIBLE TO FAMILIARIZE741 THEMSELVES WITH THE SCOPE OF WORK, INCLUDING BUT NOT LIMITED TO GRADE DIFFERENCES, LOCATION OF WALLS, STRUCTURES, UTILITIES AND EXISTING IRRIGATION EQUIPMENT. THE IRRIGATION CONTRACTOR IS RESPONSIBLE SHALL REPAIR AND/OR REPLACE ANY DAMAGE CREATED BY THEIR WORK. THEY SHALL COORDINATE HIS WORK WITH OTHER CONTRACTOR OR MUNICIPAL AUTHORITIES FOR THE LOCATION AND INSTALLATION OF IRRIGATION EQUIPMENT UNDER ROADWAYS AND PAVING, SLEEVES THROUGH WALLS AND FLOORS, ETC.

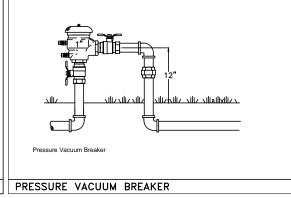
INSTALL ALL IRRIGATION EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS. SUBSTITUTIONS FOR IRRIGATION EQUIPMENT TO BE APPROVED BY THE IRRIGATION DESIGNER. EQUIPMENT CHANGES TO INCLUDE BUT NOT LIMITED TO PUMP, CONTROLLER, SPRAY HEADS, ROTORS, AND VALVES.

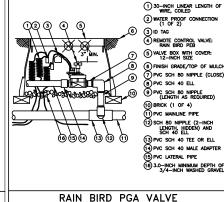
DO NOT INSTALL IRRIGATION EQUIPMENT AS SHOWN ON THE DRAWINGS WHEN FIELD CONDITIONS DIFFER. OBSTRUCTIONS OR DIFFERENCES TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR TO ASSUME FULL RESPONSIBILITY.











Backflow Preventers

Quantity

Quantity

Quantity

Irrigation Heads

Pipe (Lateral)

237'-4 15/16"

79'-5 7/8"

44'-9 15/16"

903'-9 1/2"

Pipe (Mianline)

Quantity

35'-8 3/4"

Pipe (Sleeve) Quantity

16'-3 13/16"

Point of Connection Quantity

71'-8 3/8"

Valves Quantity

Water Meters Quantity

Quantity

2'-7 1/2"

Symbol Description

⊕ P.□.C

Rainbird ESP-ME

Rain Sensor

N Series 765 Pressure Vacuum Breaker

(S) RAINBIRD SQ Nozzles 4 Feet Throw SST

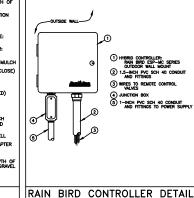
RAINBIRD SQ Nozzles 8 Foot Half EST*

- Class 160 PVC (Lateral)

SCH 40 PVC (Mainline)

PGA Rainbird Valve

M Proposed 2" Water Meter



EQUIPMENT TABLE LAYOUT

RAINBIRD 1800 SERIES 8 Series 6" above finish grade trajectory 5 deg 90°

RAINBIRD 1800 SERIES 12 Series trajectory 30 deg 90°

RAINBIRD 1800 SERIES 12 Series trajectory 30 deg 180

RAINBIRD 1800 SERIES 15 Series trajectory 30 deg 90°

RAINBIRD 1800 SERIES 15 Series trajectory 30 deg 120°

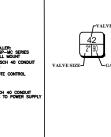
RAINBIRD 1800 SERIES 15 Series trajectory 30 deg 180°

RAINBIRD 1800 SERIES 15 Strip Series trajectory 30 deg EST*

RAINBIRD 1800 SERIES 15 Strip Series trajectory 30 deg SST*

RAINBIRD 1800 SERIES 12 Series trajectory 30 deg 120°

RAINBIRD 1800 SERIES 8 Series 6" above finish grade trajectory 5 deg 180°





Size

Size

Size

8.00 ft

8.00 ft

12.00 ft

12.00 ft

12.00 ft

15.00 ft

15.00 ft

15.00 ft

Size

1-1/4"

1-1/2"

2-1/2"

35'-8 3/4"

3/4"

Size

Size

Size

1 1/2"

Size

15.00 ft x 4.00 ft

30.00 ft x 4.00 ft

4.00 ft x 4.00 ft

4.00 ft x 8.00 ft

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TBD



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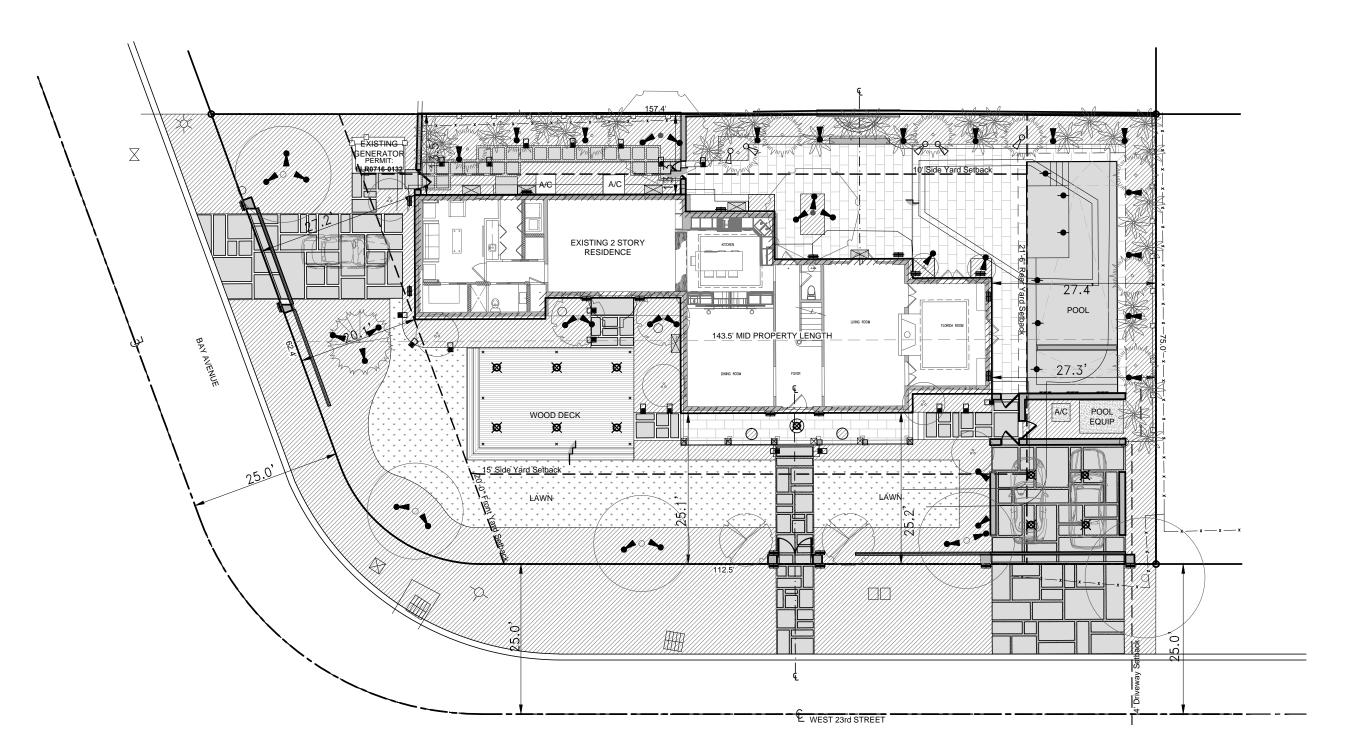


DRAWN BY: CRS / MLT / BHA / CAL REVIEWED BY: CMO DATE: 08.29.2017

DRAWING TITLE:

IRRIGATION DETAILS AND SCHEDULE

L-601



PROPOSED LANDSCAPE LIGHTING SCHEDULE FOR ENTIRE PROJECT

	SYM	FIXTURE TYPE	QTY	BRAND	MODEL#	MOUNTING TYPE	FINISH
01	8	ACCENT DOWN LIGHT	5	LUMIERE	SEE L-701 & L-702	TREE STRAP	BRASS
02	•	ACCENT UP LIGHT	38	LUMIERE	SEE L-701 & L-702	GROUND STAKE	BRASS
03	+	LED POOL LIGHT	6	LUMASCAPE	SEE L-701 & L-702	RECESSED WALL MOUNT	TBD
04		PATH LIGHT	19	EXCELSIOR	SEE L-701 & L-702	GROUND STAKE	BRONZE
05	#	WALL MOUNT SCONCE	22	EXCELSIOR	SEE L-701 & L-702	ARCH WALL	BRONZE
06	凝	CEILING MOUNT ACCENT DOWN LIGHT	10	BEACHSIDE LIGHTING	SEE L-701 & L-702	TBD; RAFTER MOUNT	BRASS
07	pr par yar yar ya	RECESSED LINEAR LED STRIP	03	LEDLINEAR	SEE L-701 & L-702	RECESSED IN WALL	NICKEL
08	®	HANGING LIGHT/SCONCE	01	TBD BY OWNER		CEILING MOUNT BY CHAIN (HANGING)	

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DRAWING TITLE:

LANDSCAPE LIGHTING PLAN

HEET NO:

L-700