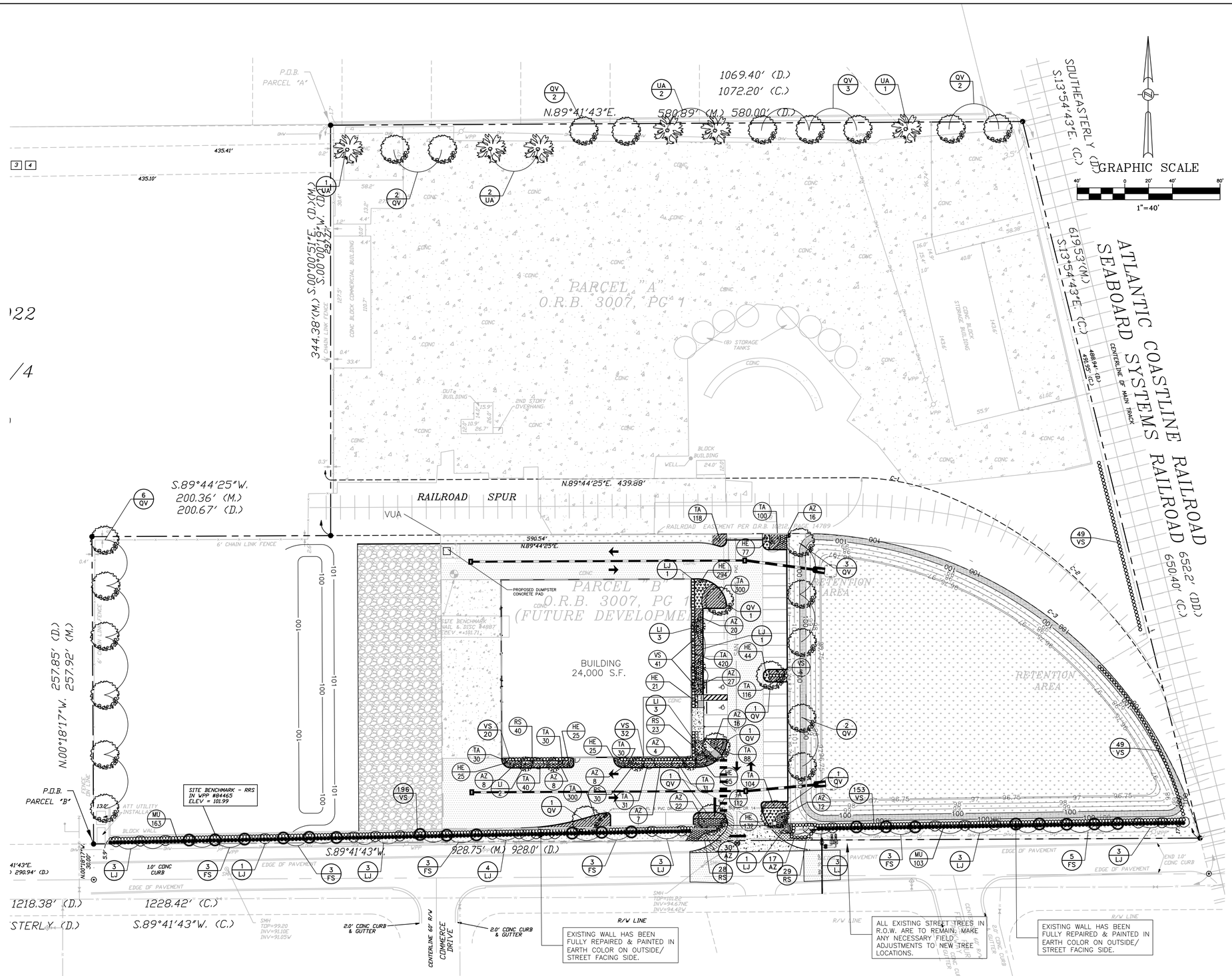

LANDSCAPE SCHEDULE

TREES

SYMBOL	ABR.	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE	QUANTITY	REMARKS
	QV	QUERCUS VIRIGINIA 'HIGH RISE'	HIGH RISE LIVE OAK	12' HT. 2" CAL.	19	SINGLE STRAIGHT TRUNK
	LI	LAGERSTROEMIA INDICA 'NATCHEZ'	NATCHEZ CRAPE MYRTLE	10' HT 2" CAL.	8	MULTI TRUNK 3-5 TRUNKS MIN.
	LJ	LIGUSTRUM JAPANESE PRIVET	LIGUSTRUM JAPONICUM	7' HEIGHT 2" CAL.	32	
	FS	FORESTIERA SEGREGATA	FLORIDA PRIVET	10' HT 2" CAL.	20	
	UA	ULMUS ALATA	WINGED ELM	12' HT. 2" CAL.	6	SINGLE STRAIGHT TRUNK
	VS	SANDANKWA VIBURNUM	VIBURNUM SUSPENSUM	7 GALLON 36" HT.	531	
	MU	MUHLENBERGIA SPP.	RED MUHLY GRASS	3 GAL. 24"-30" 36" O.C.	266	
	AZ	RED RUFFLE AZALEA	RHODODENDRON	7 GALLONS 30" O.C.	192	
	RS	WHITE INDIAN HAWTHORNE	RAPHIOLEPIS INDICA "ALBA"	3 GALLON 24" O.C.	150	
	TA	TRACHELOSPERMUM ASIATICUM	DWARF ASIATIC JASMINE	1 GAL. 12" O.C.	1,850	
	HE	HEMEROCALLIS SPP.	DAYLILY	1 GAL. 12" O.C.	738	
	SOD	BAHIA HYBRID	QTY. BY CONTRACTOR			

**ALL ON-SITE SOILS IN LANDSCAPE AREAS ARE TO BE TESTED FOR PH LEVELS AND AMENDED AS NEEDED. PROVIDE VERIFICATION THAT THIS HAS BEEN COMPLETED.

VUA AREA: 45,413 SF
REQUIRED GREEN AREA (10%) = 4,541 SF
PROVIDED GREEN AREA (19%) = 8,519 SF

LANDSCAPE CALCULATIONS

WEST BUFFER (257.85 LF):
REQUIRED: 1 CANOPY TREE/50'= 6 TREES REQUIRED
PROVIDED: 6 NEW CANOPY TREES, THEREFORE; OK

NORTH BUFFER: 580.89 LF:
REQUIRED: TYPE A BUFFER: MASONRY WALL + 1 CANOPY TREE/40'= 15 TREES REQUIRED
PROVIDED: 15 CANOPY TREES + EXISTING BLOCK WALL; THEREFORE; OK

EAST BUFFER:
REQUESTED HAEDGE PROVIDED DUE TO RAILROAD R.O.W. THEREFORE; OK

SOUTH BUFFER (350 LF (EAST) + 510 LF (WEST))
REQUIRED: TYPE A BUFFER:1 U/S TREE/20'= 44 U/S TREES REQUIRED
PROVIDED: 44 U/S TREES + EXISTING BLOCK WALL + HEDGE + GROUND COVER; THEREFORE; OK

PRIMARY BUILDING FOUNDATION LANDSCAPING (EAST FACADE)
REQUIRED LANDSCAPE AREA: 8' WIDE X (150 LF – 20 LF ACCESS SIDEWALK) = 8' X 130'=1,040 SF
REQUIRED TREES: 1 CANOPY TREE PER 35' AND/OR 1 U/S TREE PER 15'
PROVIDED LANDSCAPE AREA: 9.5' WIDE AND 1,333 SF TOTAL FOUNDATION LANDSCAPING
PROVIDED TREES: 2 CANOPY @ 35' + 6 U/S @ 15' = 160 LF
THEREFORE; OK

PRIMARY BUILDING FOUNDATION LANDSCAPING (SOUTH FACADE)
REQUIRED LANDSCAPE AREA: 8' WIDE X 160 LF
REQUIRED TREES: 1 CANOPY TREE PER 35' AND/OR 1 U/S TREE PER 15'
PROVIDED LANDSCAPE AREA: 8' WIDE
PROVIDED TREES: 11 U/S @ 15' = 165 LF
THEREFORE; OK

DATE	REVISIONS	BY	CHECKED
10/18/18	6 REVISED TO ADDRESS CITY P&Z COMMISSION APPROVAL CONDITION	SHP	SJS
11/29/18	7 REVISED TO ADDRESS OUC COMMENTS DATED 11/21/2018	SHP	SJS
01/04/19	8 REVISED TO ADDRESS COUNTY COMMENTS DATED 12/07/2018	JT	SJS
01/31/19	9 REVISED TO ADDRESS COUNTY COMMENTS DATED 01/24/2019	JT	SJS
01/31/19	10 REVISED TO ADDRESS OUC COMMENTS DATED 01/31/2019	JT	SJS
02/06/19	11 REVISED TO ADDRESS COUNTY COMMENTS DATED 02/06/2019	JT	SJS

CONSTRUCTION PLANS
SUNCOAST BUILDING MATERIALS
101 MARY JESS ROAD
ORLANDO, FLORIDA

FEG FLORIDA ENGINEERING GROUP
Engineering the Future

5127 S. Orange Avenue, Suite 200
Orlando, FL 32809
Phone: 407-895-0324
Fax: 407-895-0325
www.feg-inc.us

SITE LANDSCAPE PLAN

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
RTA	RTA	RTA	RTA

PROJECT NO. 16-008
SCALE 1"=40'
DATE JUNE 25, 2018
SHEET NO. L-1
SHEET 15 OF 17

FLORIDA ENGINEERING GROUP, INC.
CERTIFICATE No. EB-0006556
STATE OF FLORIDA
LICENSED LA
LIC. NO. 1326

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY (ENGINEER), P.E. ON (DATE) USING A DIGITAL SIGNATURE.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGANTURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

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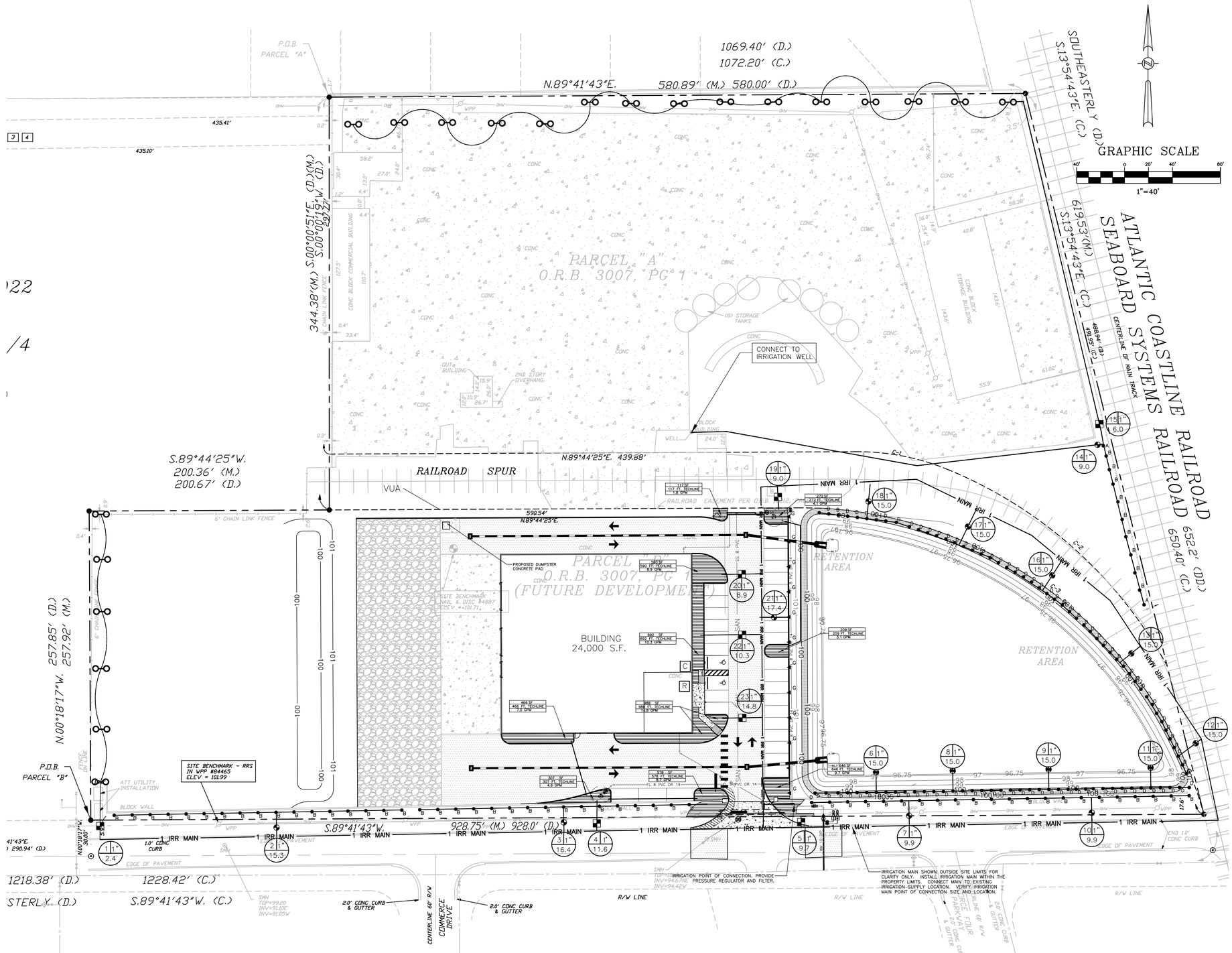

IRRIGATION NOTE:
ALL IRRIGATION HEADS AND PIPING ARE TO BE PURPLE IN COLOR.

SPRINKLER HEADS

SYMBOL	MODEL NO.	GPM	RADIUS
A	570-4EST	.45	4'x15'
B	570-4SST	.90	4'x30'
C	570-8F	1.00	8'
D	570-10F	1.50	10'
E	570-12F	2.20	12'
F	570-15F	3.60	15'
G	316-00-02	2.90	21'
	254-06-04	1" VALVES	

NOTE: MODEL NUMBERS SHOWN REFLECT TORO SPRINKLER HEADS. ANY HEADS OF EQUAL QUALITY MAY BE USED WITH THE APPROVAL OF THE OWNER.

TOTAL IRRIGATED AREA = 80,310 SF
REQUIRED IRRIGATION = 0.5"/WEEK
TOTAL IRRIGATION DEMAND = 25,025 GAL/WEEK = 3,574 GPD
IRRIGATION TO BE PROVIDED THRU 1" IRRIGATION METER

IRRIGATION LEGEND

- 12" POP-UP SPRAY HEAD
- 6" POP-UP STREAM ROTOR
- DRIP EMITTER – 2 PER TREE
- TORO PLASTIC VALVE
- DRIPLINE ZONE VALVE
- C CONTROLLER
- R RAIN SENSOR
- PVC SLEEVE–2 SIZES LARGER
- VALVE ZONE NO. – X 1" – VALVE SIZE; XX.X – VALVE GPM

DATE	REVISIONS	BY	CHECKED
10/18/18	6 REVISED TO ADDRESS CITY P&Z COMMISSION APPROVAL CONDITION	SHP	SJS
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SITE IRRIGATION PLAN

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
RTA	RTA	RTA	RTA

PROJECT NO. 16-008
SCALE 1"=40'
DATE JUNE 25, 2018
SHEET NO. L-2
SHEET 16 OF 17

FLORIDA ENGINEERING GROUP, INC.
CERTIFICATE NO. EB-0006556
STATE OF FLORIDA
LICENSED ARCHITECT

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