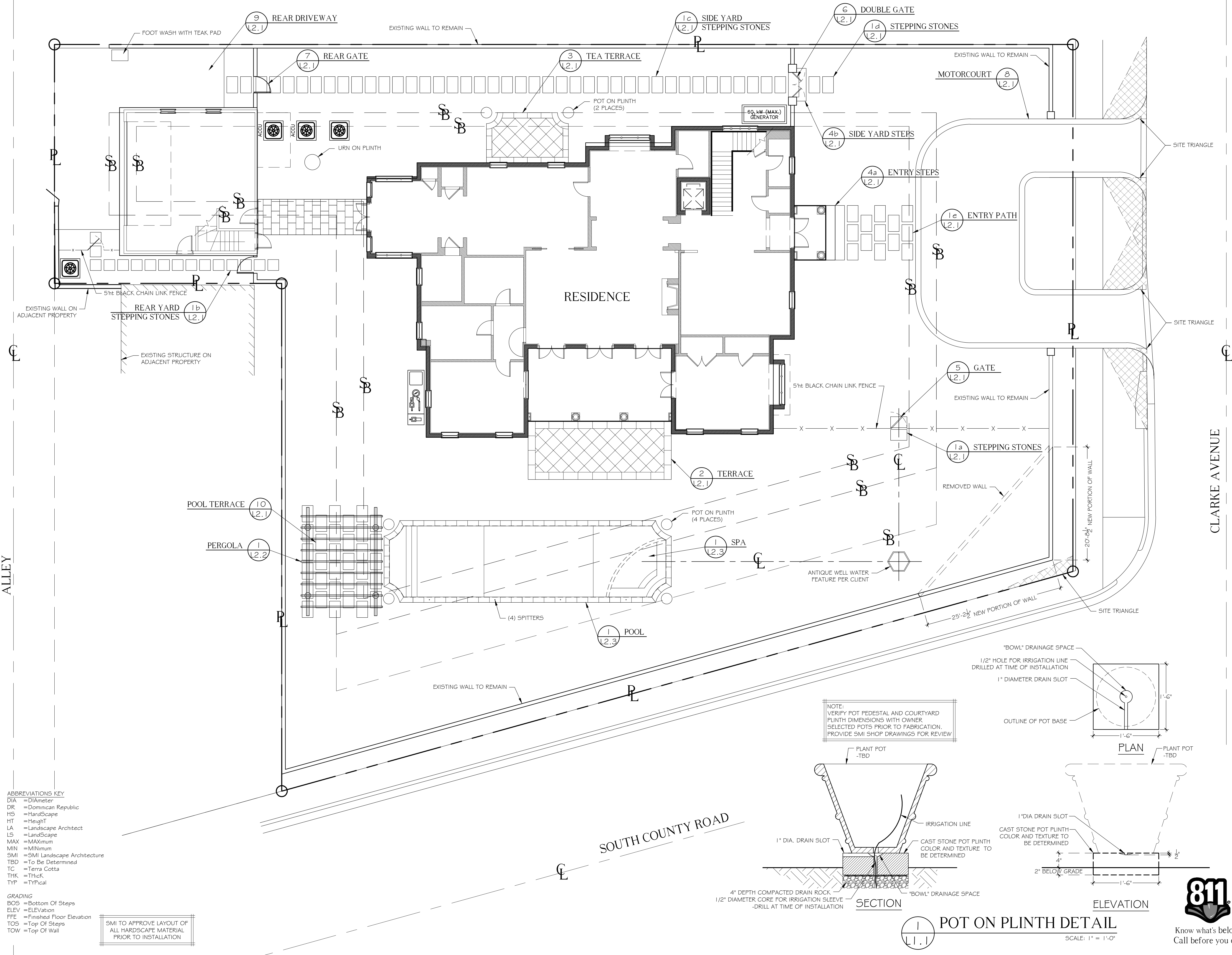






FIELD VERIFY ALL DIMENSIONS

ANY/ALL TRACK DRAINS, TRENCH DRAINS AND DRAIN GRATES  
TO BE CAST IRON UNLESS OTHERWISE SPECIFIED BY SMI



# The Baker Residence

177 Clarke Avenue  
Palm Beach, FL 33480

North

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**NOTE:**  
FOOTINGS FOR ALL STRUCTURES TO BE AT LEAST 3' BELOW GRADE TO ALLOW FOR PLANTINGS / ROOT BALLS

1	04/07/2023	ARCOM
DATE	DESCRIPTION	
REVISIONS	ARC: 23-013	
	ZON: 23-028	

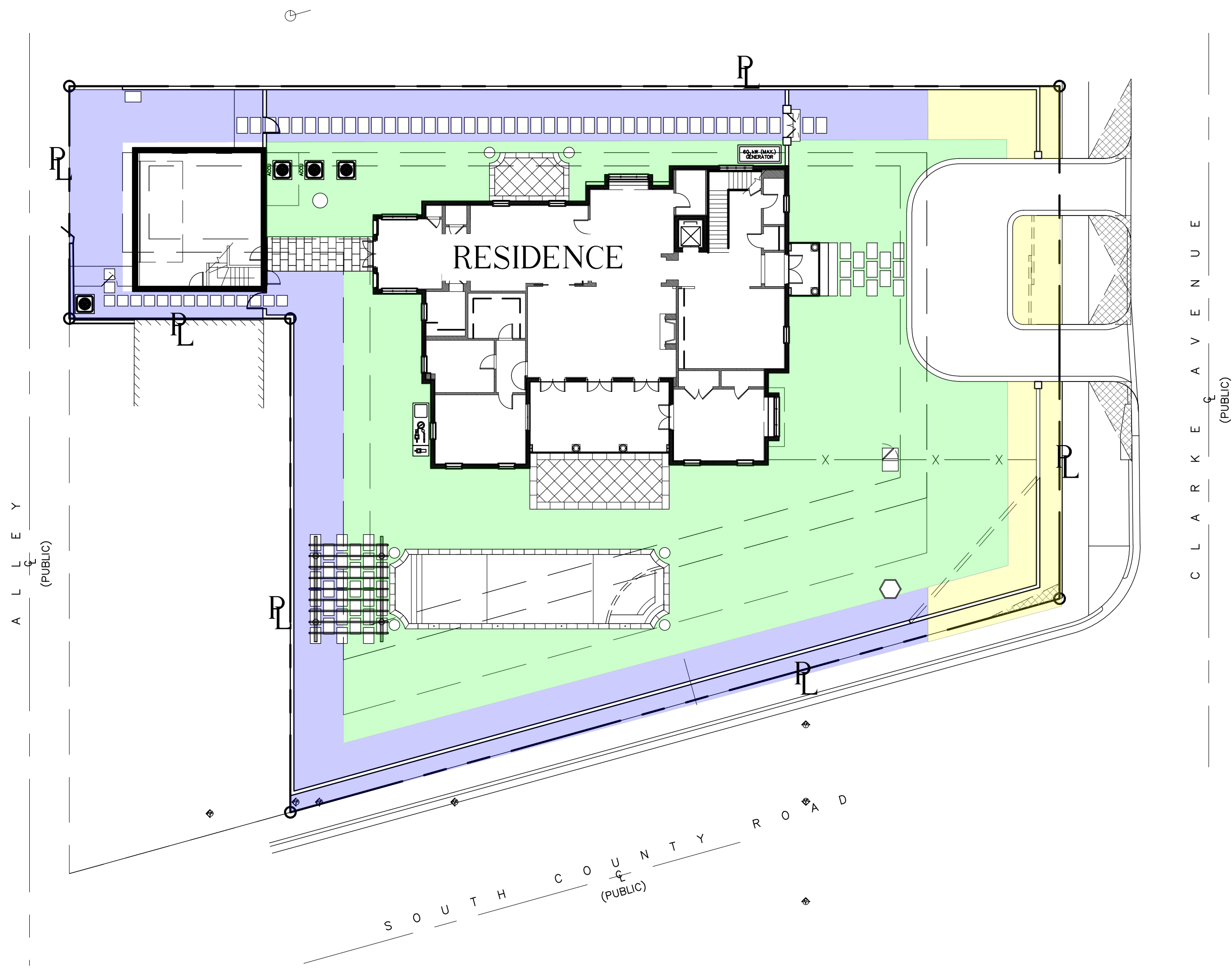
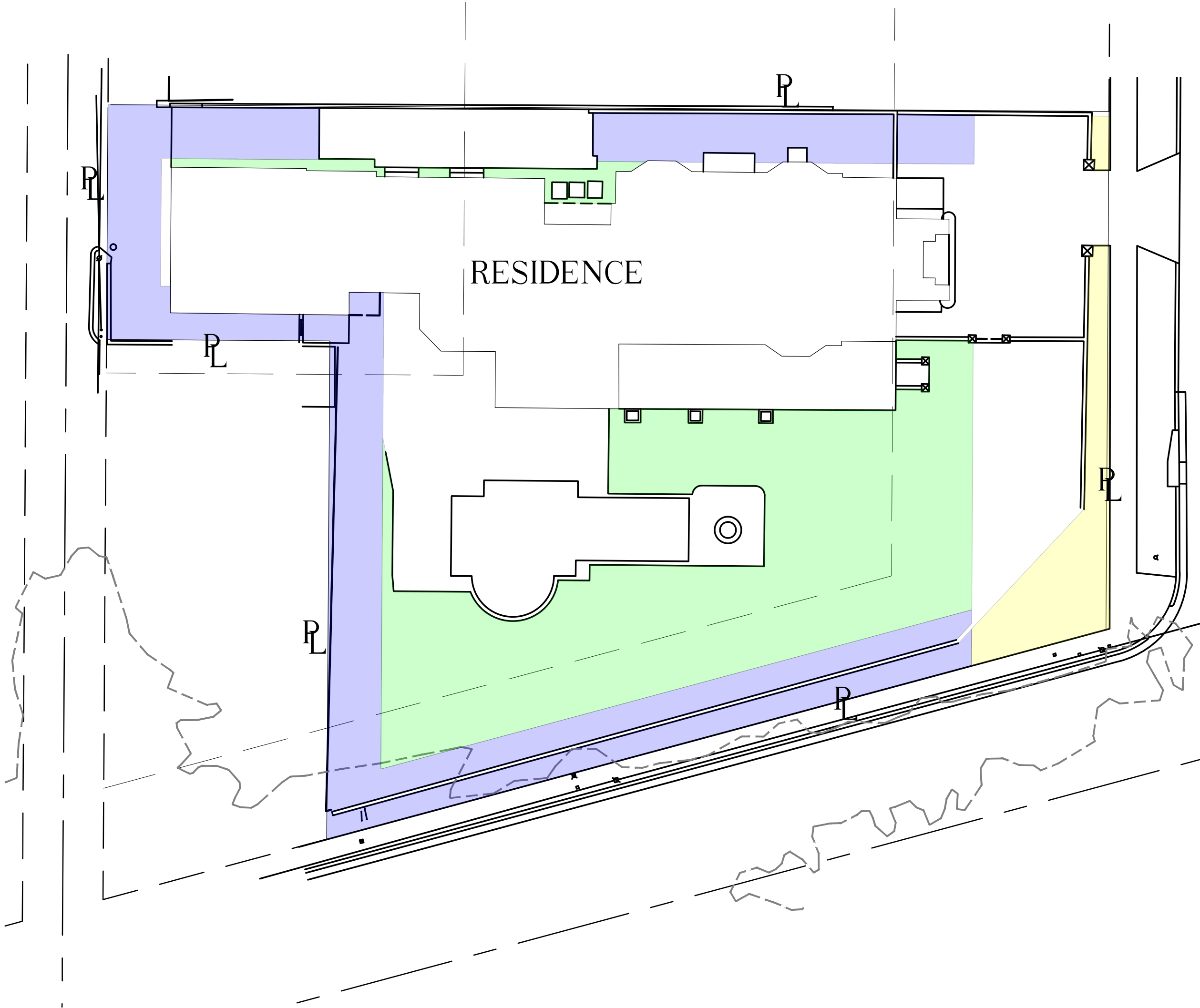
**SMI**  
**LANDSCAPE ARCHITECTURE**  
140 Royal Palm Way, Suite #206, Palm Beach, Florida 33480  
Telephone: 561-655-9006 Fax: 561-655-9007  
eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

Site Plan		
SCALE	PROJECT NUMBER:	
1/8" = 1'-0"	2306	
DATE:	PRJCT MNGR:	CHECKED:
04.07.2023	CFV	.
SEAL	DRAWING NO.	
	L1.1	
	SHEET 1 OF 1	

FIELD VERIFY ALL DIMENSIONS

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SMI TO APPROVE LAYOUT OF  
ALL HARDSCAPE MATERIAL  
PRIOR TO INSTALLATION



Area Calculations (RB):			
All units in square feet, unless noted otherwise			
	Existing	Proposed	
Overall Site:	18,710 (100%)	18,710 (100%)	
House:	0 (0%)	3,941 (21%)	
Impervious/paving/Structures	8,518 (45%)	4,301 (23%)	
Landscape open space	10,192 (55%)	10,469 (56%)	(50% required = 9,355)
Required landscape open space is 50% (18,710 x .50 = 9,355 sf required)			
Front Yard	required open space: 1,012 sf	998 (40%) sf open space provided	
not less than 40% required front yard (25' setback) must be landscape open space			
(2,530 x .45 = 1,012 sf)	1,012 sf required open space	998 (40%) sf open space provided	

EXISTING SITE PLAN

Existing Color Key

Existing Site Pervious
Existing Front Yard Pervious
Existing Perimeter Pervious

PROPOSED SITE PLAN

Proposed Color Key

Site Pervious
Front Yard Pervious
Perimeter Pervious



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The Baker Residence

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1 04/07/2023 ARCOM

DATE DESCRIPTION

REVISIONS  
ARC: 23-013  
ZON: 23-028

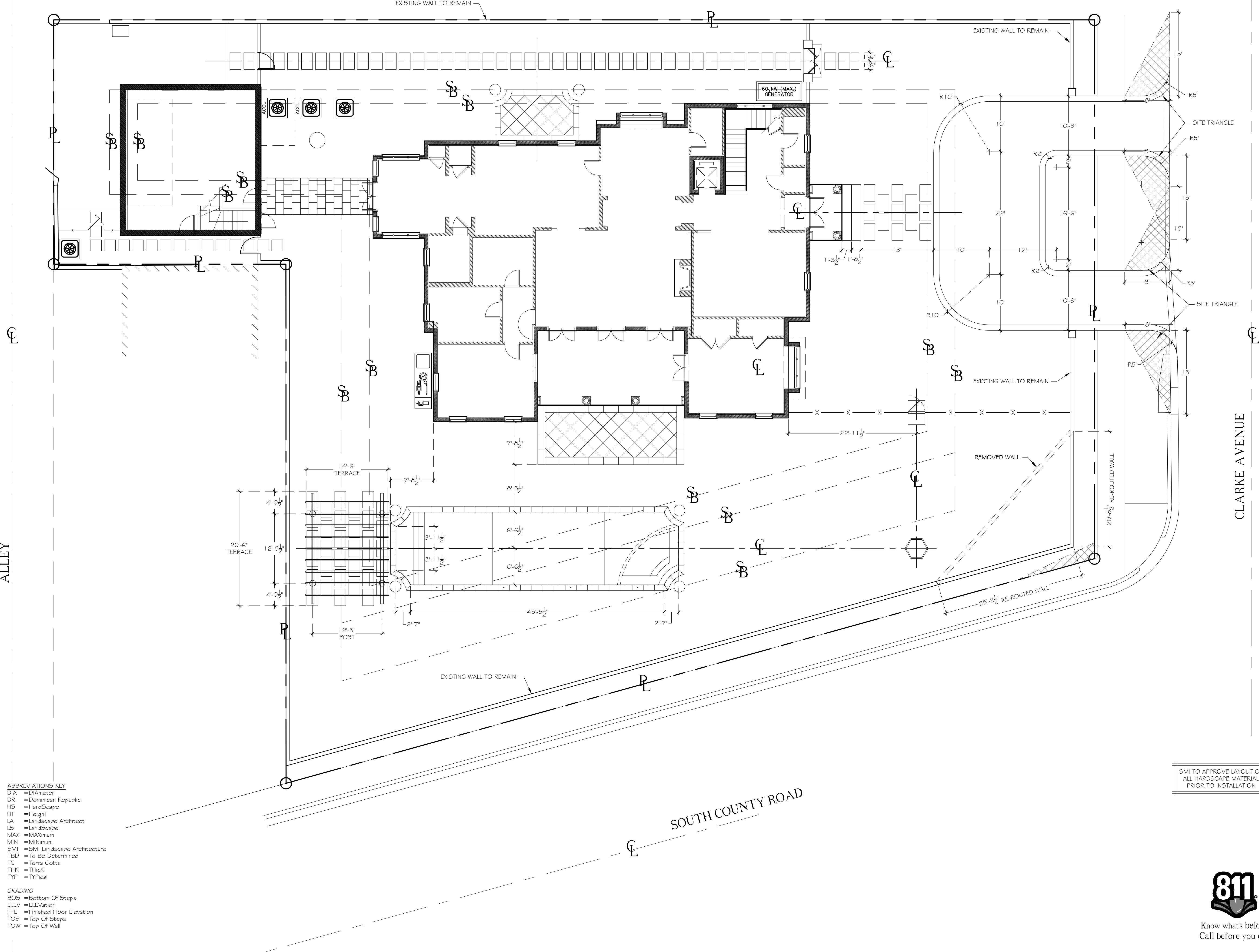
SMI

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eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

TITLE Site Comparison Plan		
SCALE N.T.S.	PROJECT NUMBER 2306	
DATE 04.07.2023	PRJCT MNGR CFV	CHECKED .
SEAL	DRAWING NO. L1.1a SHEET 1a OF 1	

FIELD VERIFY ALL DIMENSIONS

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1	04/07/2023	ARCOM
DATE	DESCRIPTION	
REVISIONS		
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eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

TITLE		
Layout Plan		
SCALE	PROJECT NUMBER:	
1/8" = 1'-0"	2306	
DATE:	PRJCT MNGR:	CHECKED:
04.07.2023	CFV	.
SEAL	DRAWING NO.	
	L1.2	
	SHEET 2 OF 1	

ABBREVIATIONS KEY  
DIA = DIAMETER  
DR = DOMINICAN REPUBLIC  
HS = HARDSCAPE  
HT = HEIGHT  
LA = LANDSCAPE ARCHITECT  
LS = LANDSCAPE  
MAX = MAXIMUM  
MIN = MINIMUM  
SMI = SMI LANDSCAPE ARCHITECTURE  
TBD = TO BE DETERMINED  
TC = TERRA COTTA  
THK = THICK  
TYP = TYPICAL

GRADING  
BOS = BOTTOM OF STEPS  
ELEV = ELEVATION  
FFE = FINISHED FLOOR ELEVATION  
TOS = TOP OF STEPS  
TOW = TOP OF WALL

SMI TO APPROVE LAYOUT OF ALL HARDSCAPE MATERIAL PRIOR TO INSTALLATION

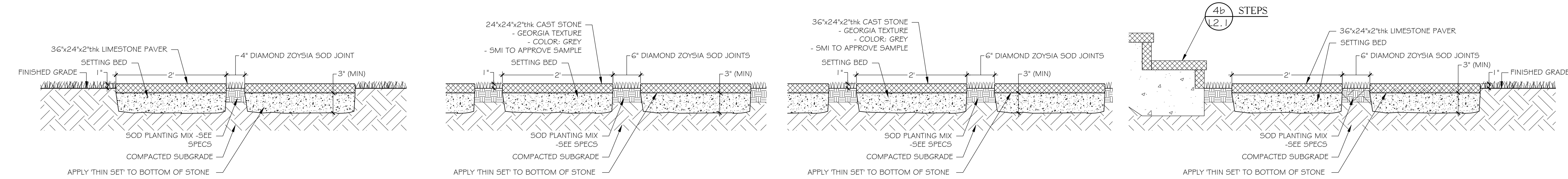


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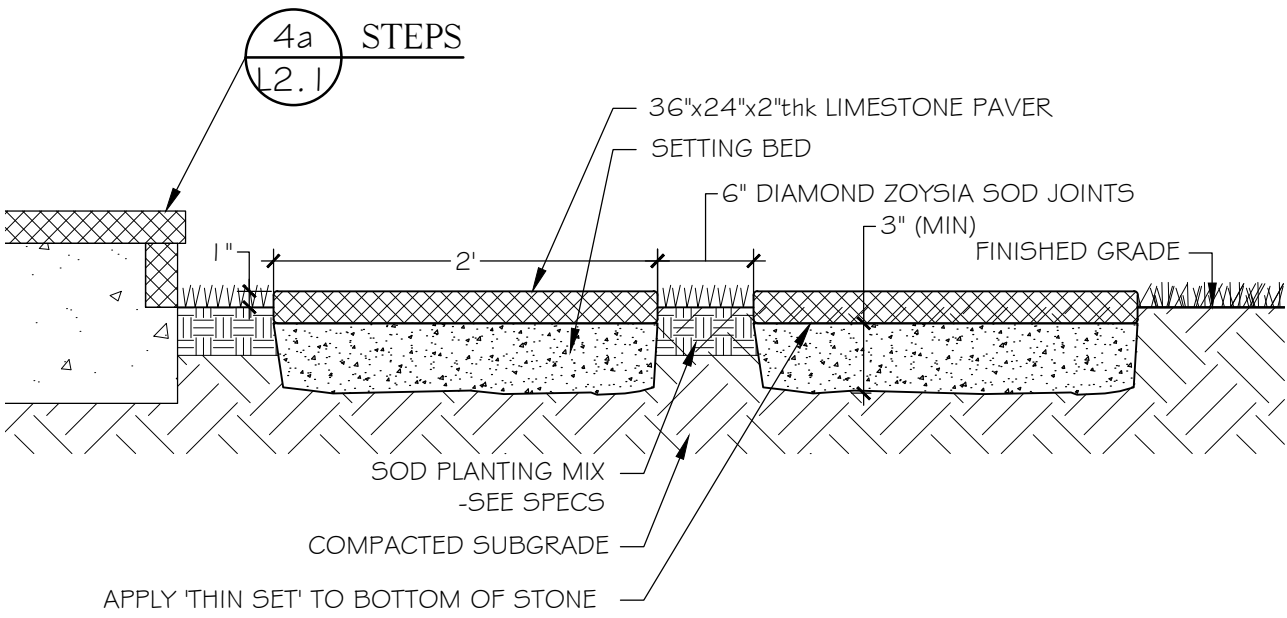


1a STEPPING STONES  
L2.1 DETAIL SCALE: 1" = 1'-0"

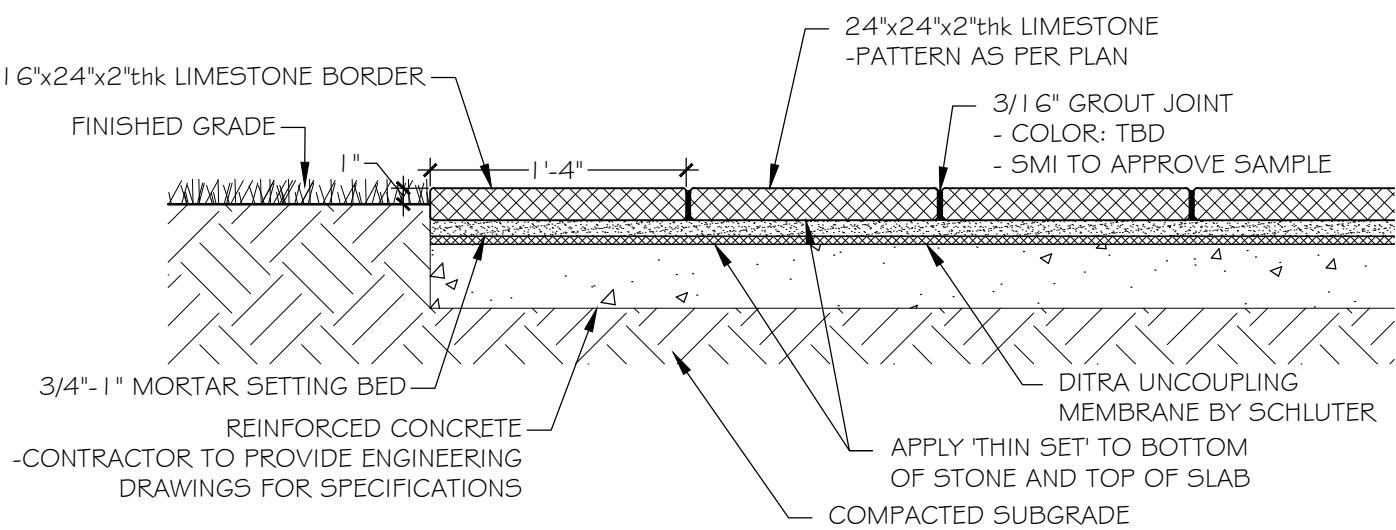
1b REAR YARD STEPPING  
L2.1 STONES DETAIL SCALE: 1" = 1'-0"

1c SIDE YARD STEPPING  
L2.1 STONES DETAIL SCALE: 1" = 1'-0"

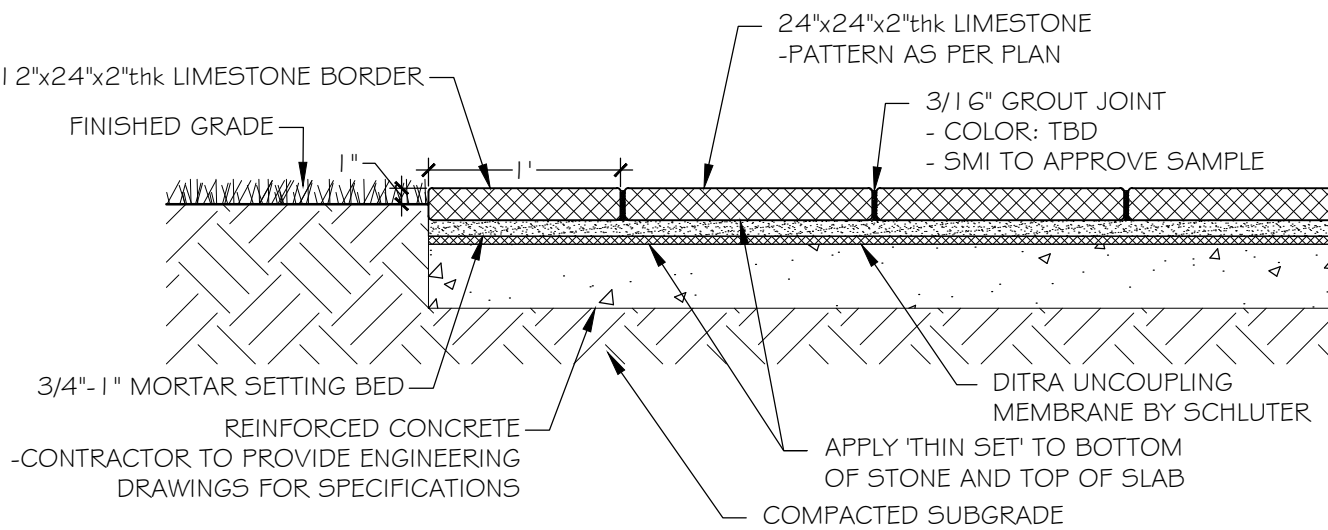
1d STEPPING STONES  
L2.1 DETAIL SCALE: 1" = 1'-0"



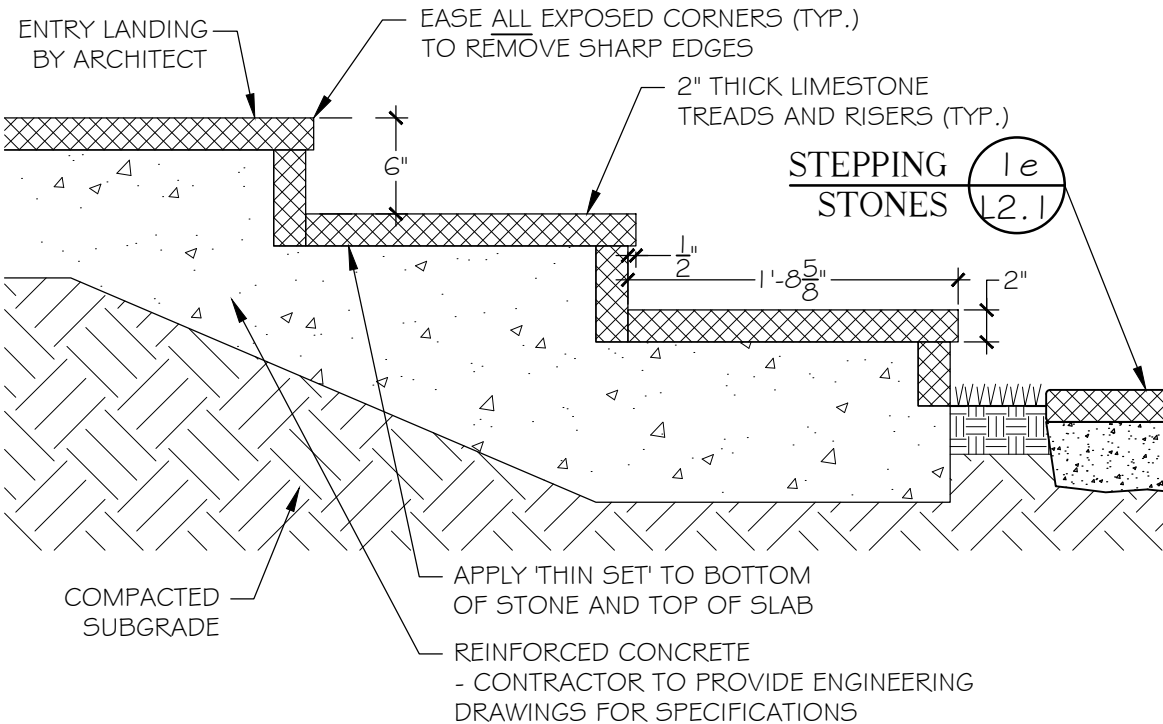
4a STEPPING STONES  
L2.1 DETAIL SCALE: 1" = 1'-0"



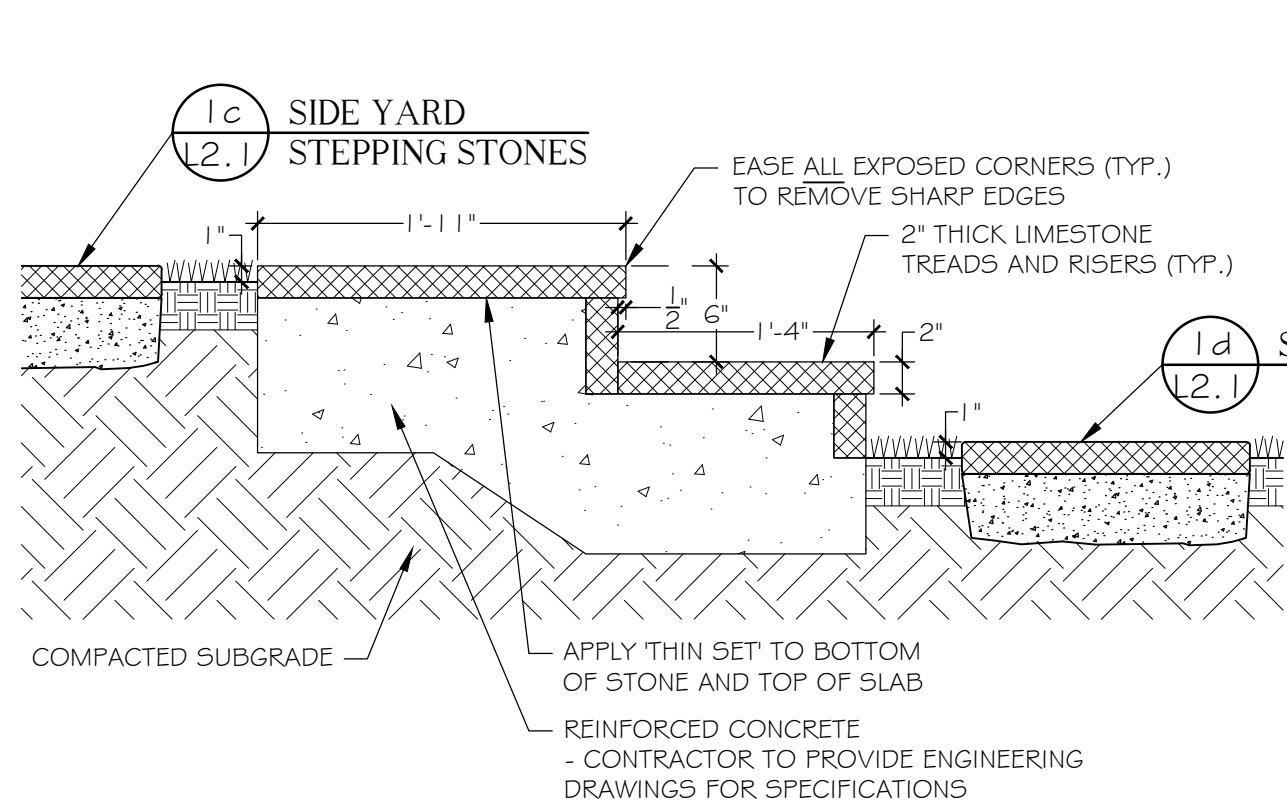
2 TERRACE DETAIL  
L2.1 SCALE: 1" = 1'-0"



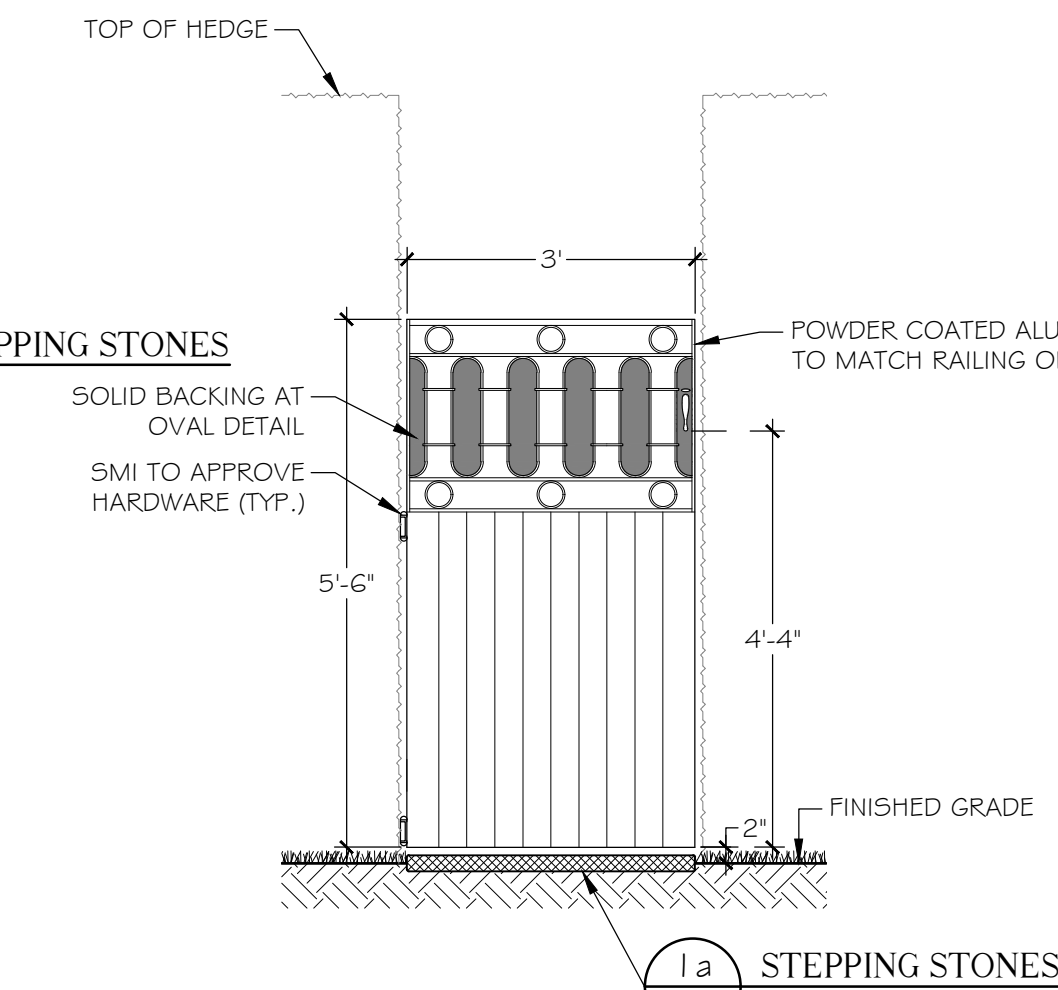
3 TEA TERRACE  
L2.1 DETAIL SCALE: 1" = 1'-0"



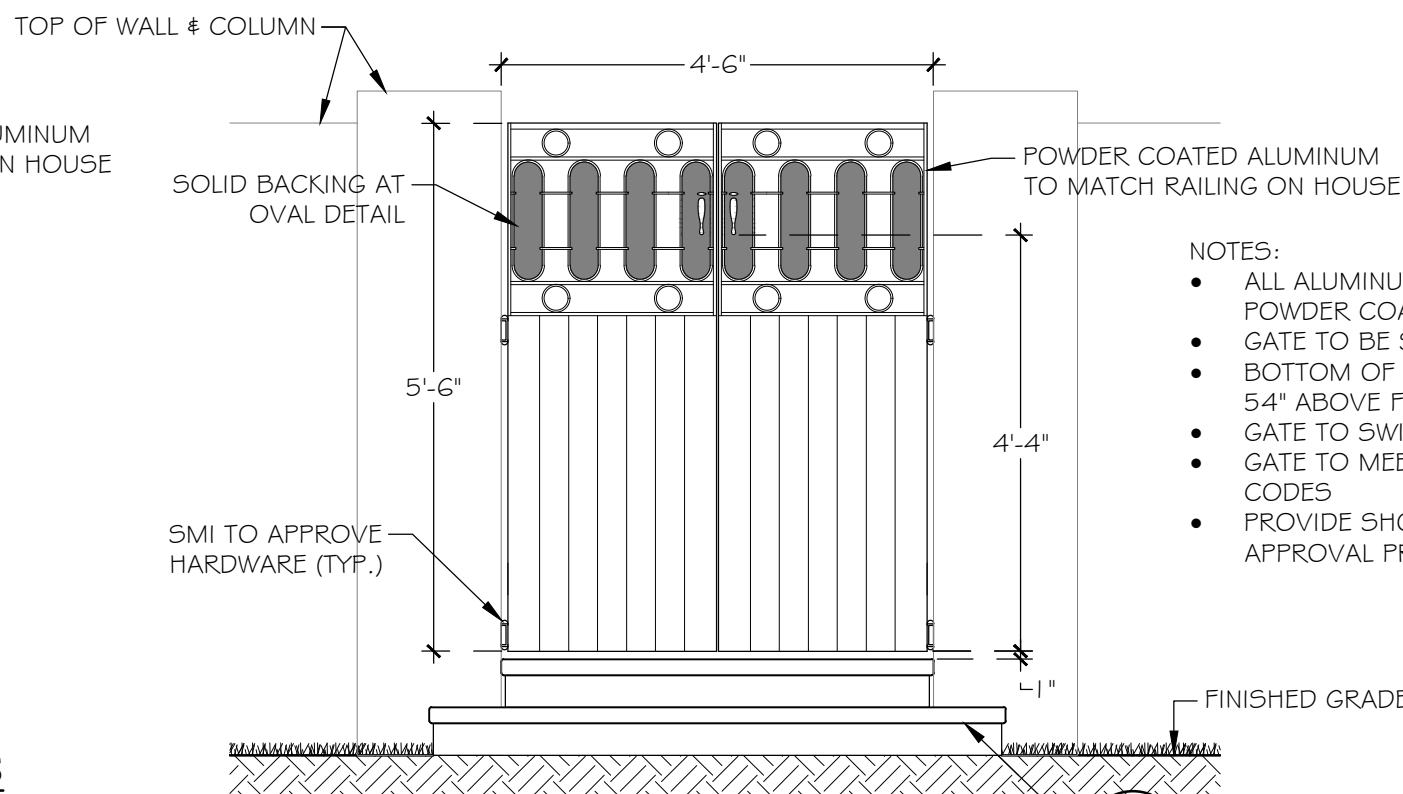
4a ENTRY STEPS  
L2.1 DETAIL SCALE: 1" = 1'-0"



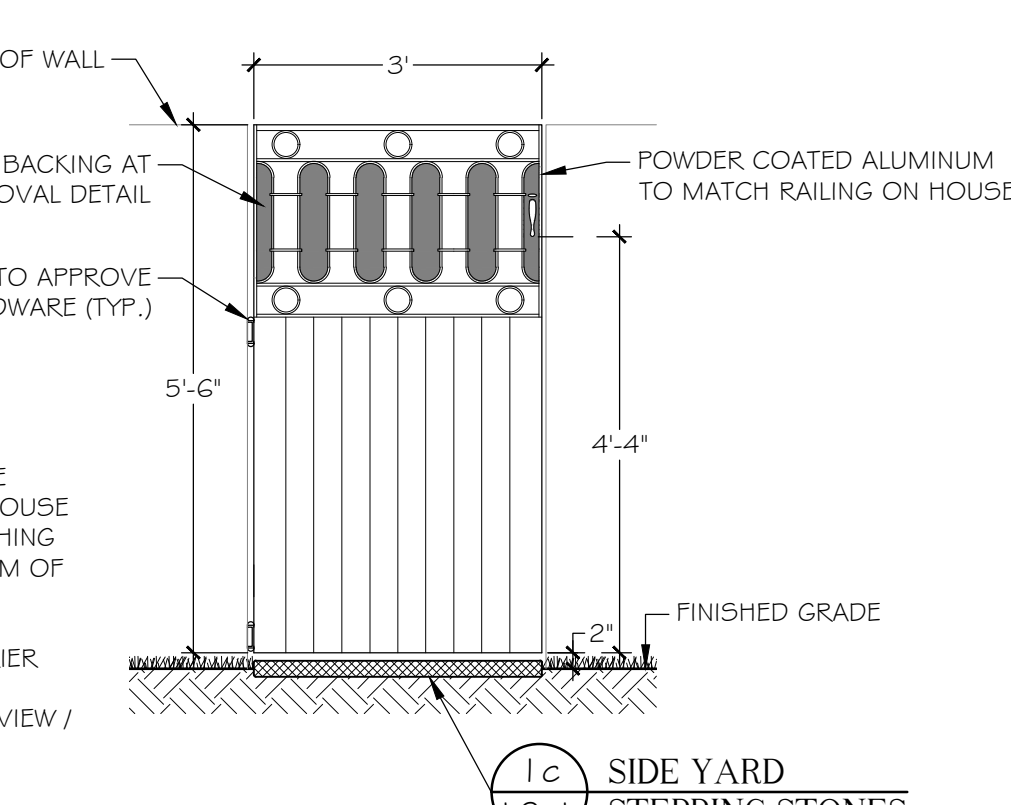
4a SIDE YARD STEPS  
L2.1 DETAIL SCALE: 1" = 1'-0"



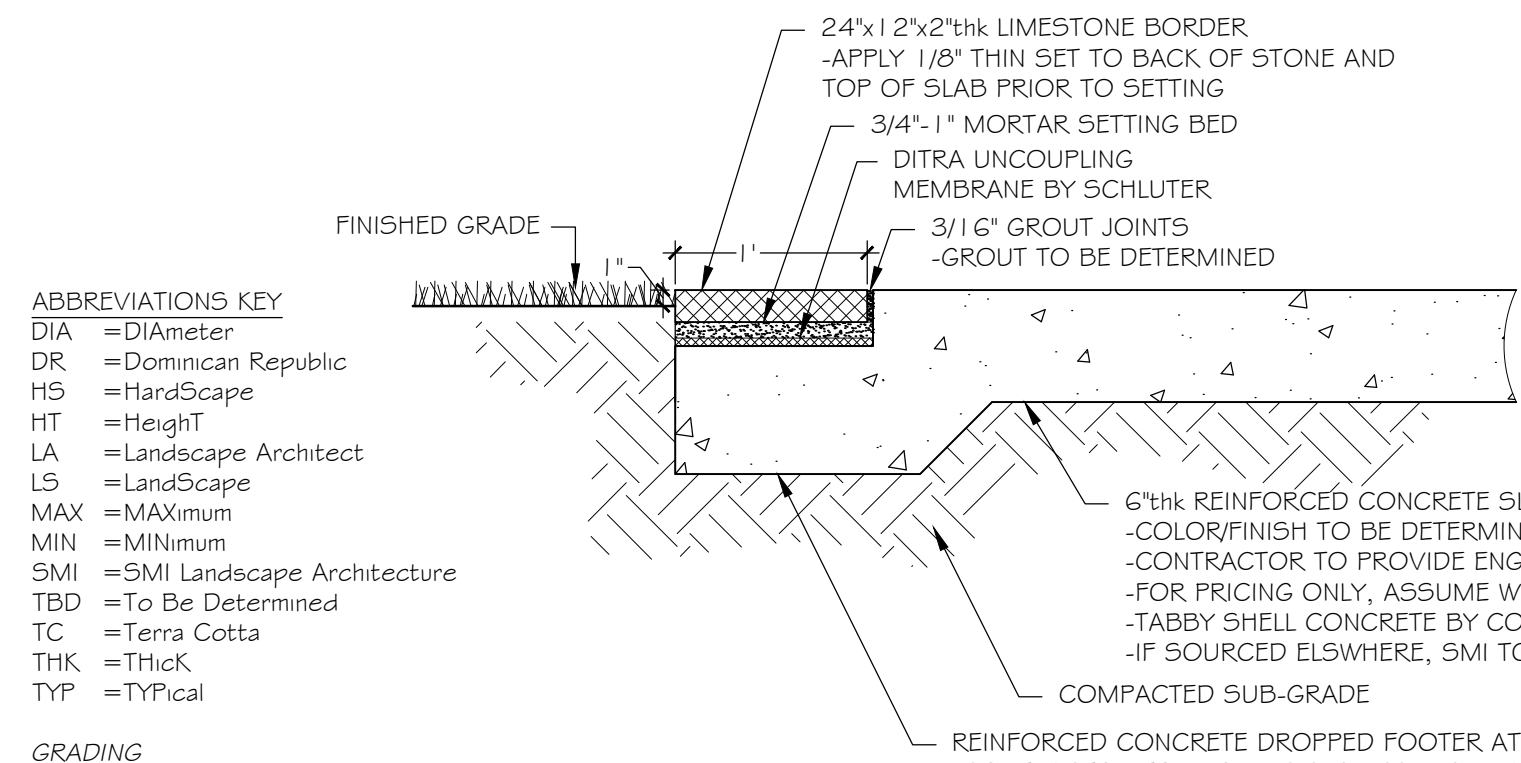
5 GATE DETAIL  
L2.1 SCALE: 1/2" = 1'-0"



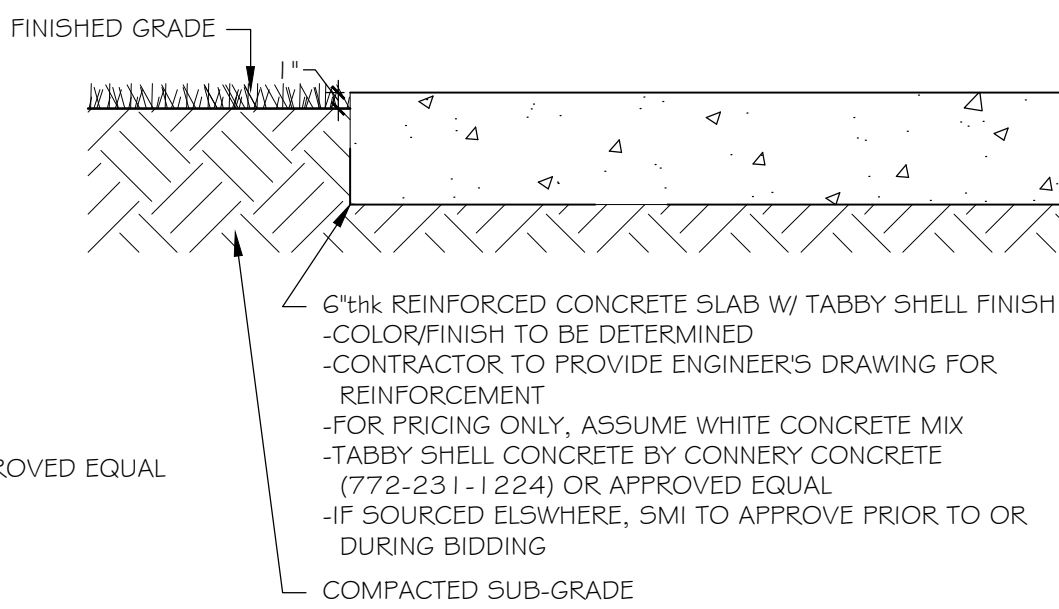
6 DOUBLE GATE  
L2.1 DETAIL SCALE: 1/2" = 1'-0"



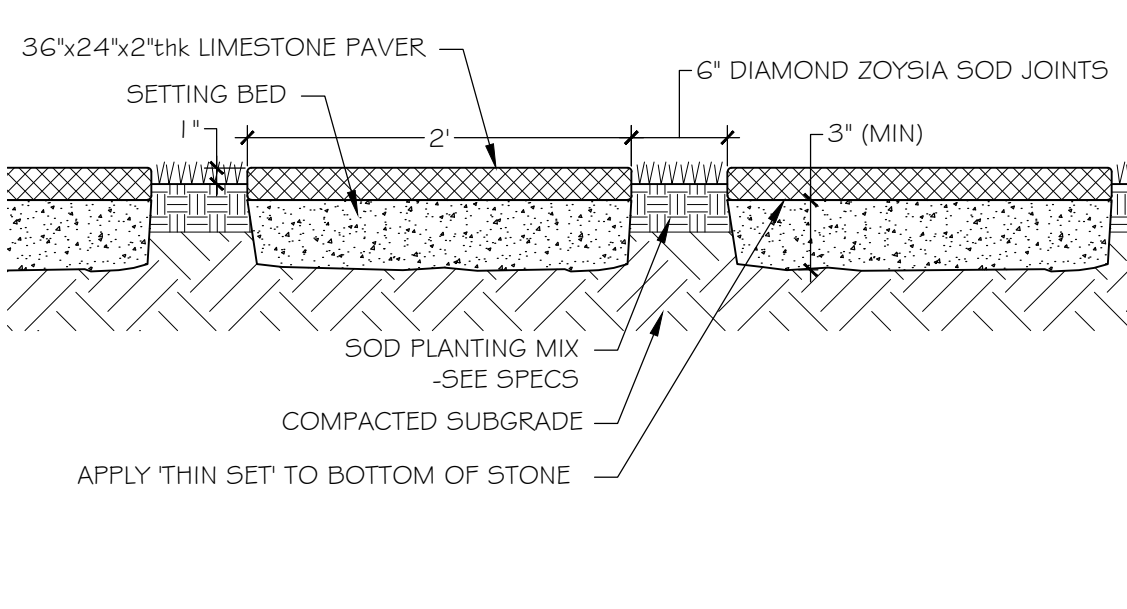
7 GATE DETAIL  
L2.1 SCALE: 1/2" = 1'-0"



8 MOTORCOURT DETAIL  
L2.1 SCALE: 1" = 1'-0"



9 REAR DRIVEWAY  
L2.1 DETAIL SCALE: 1" = 1'-0"



10 POOL TERRACE DETAIL  
L2.1 SCALE: 1" = 1'-0"



PROPOSED HARDSCAPE MATERIAL  
GREY LIMESTONE



PROPOSED PAVEMENT MATERIAL  
TABBY SHELL



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177 Clarke Avenue  
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HARDSCAPE MOCK-UPS TO BE APPROVED  
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NOTE:  
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PLANTINGS / ROOT BALLS

1	04/07/2023	ARCOM
DATE	DESCRIPTION	
REVISIONS		
		ARC: 23-013
		ZON: 23-028

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Telephone: 561-655-9006 Fax: 561-655-9007  
eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

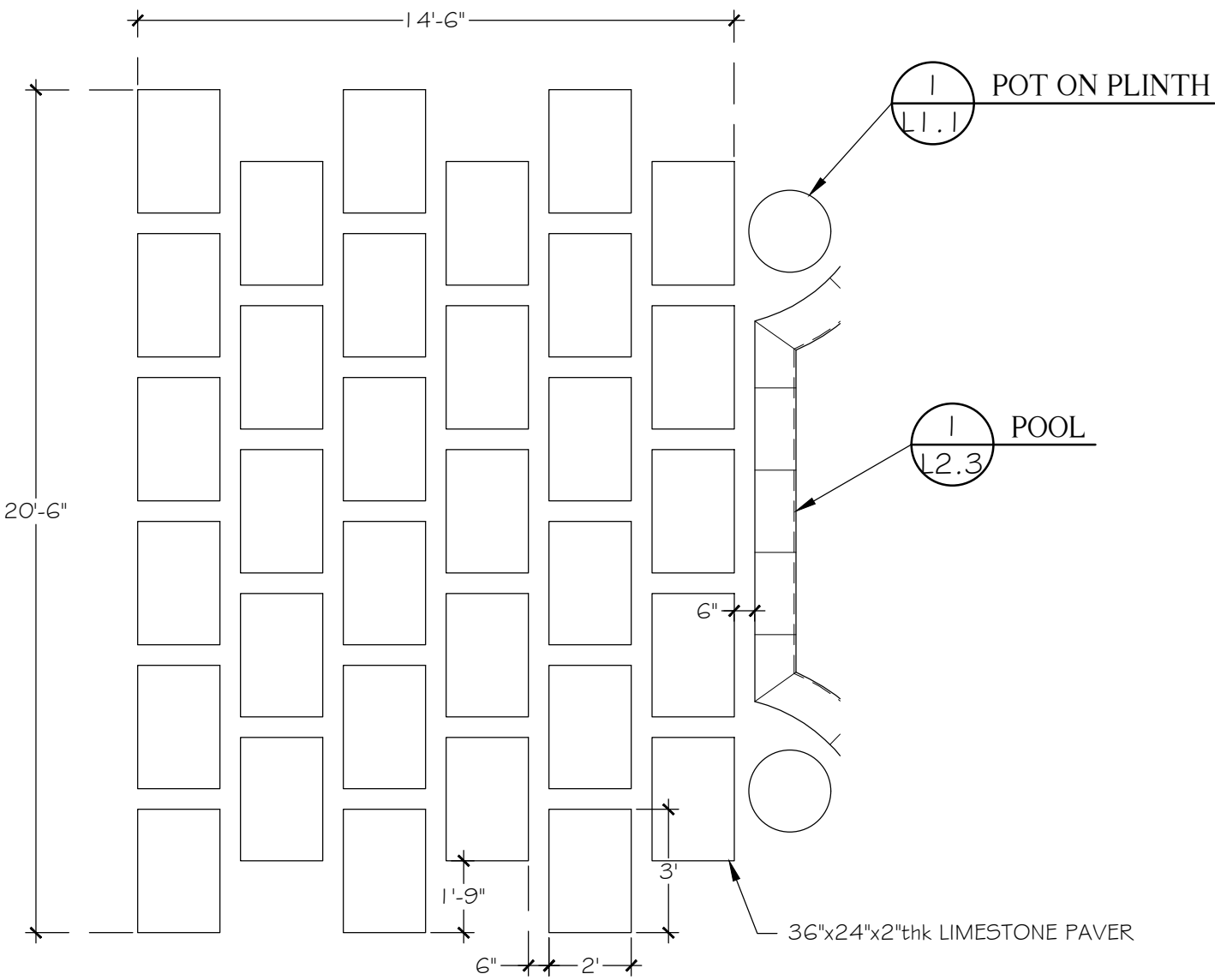
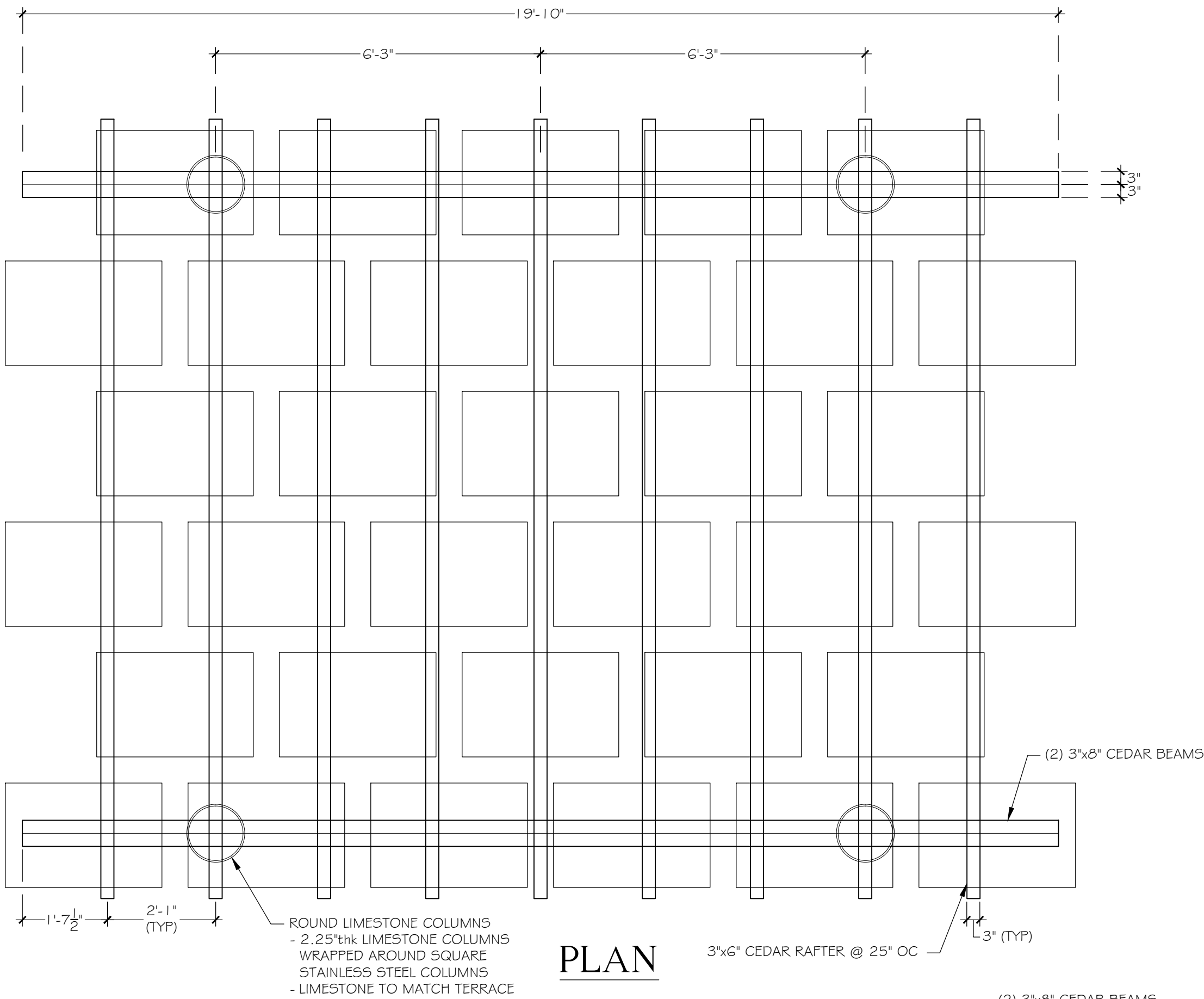
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As Noted		2306	
DATE:		PRJCT MNGR:	CHECKED:
04.07.2023		CFV	.
SEAL		DRAWING NO.	
		L2.1	
		SHEET 1 OF 1	



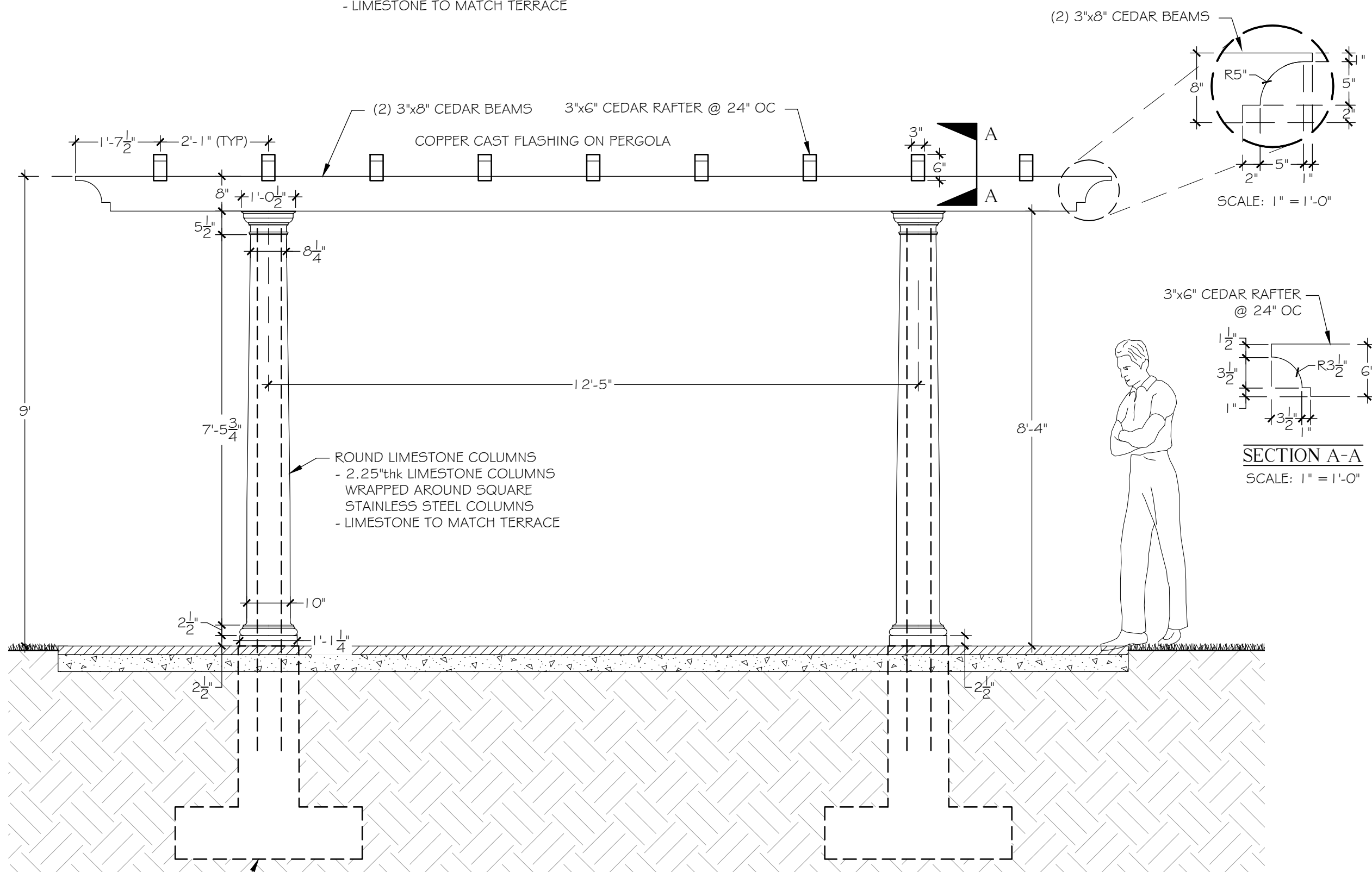
FIELD VERIFY ALL DIMENSIONS

ANY/ALL TRACK DRAINS, TRENCH DRAINS AND DRAIN GRATES  
TO BE CAST IRON UNLESS OTHERWISE SPECIFIED BY SMI

NOTE:  
- LANDSCAPE ARCHITECT TO APPROVE SHOP DRAWINGS  
- COPPER CAST FLASHING ON PERGOLA

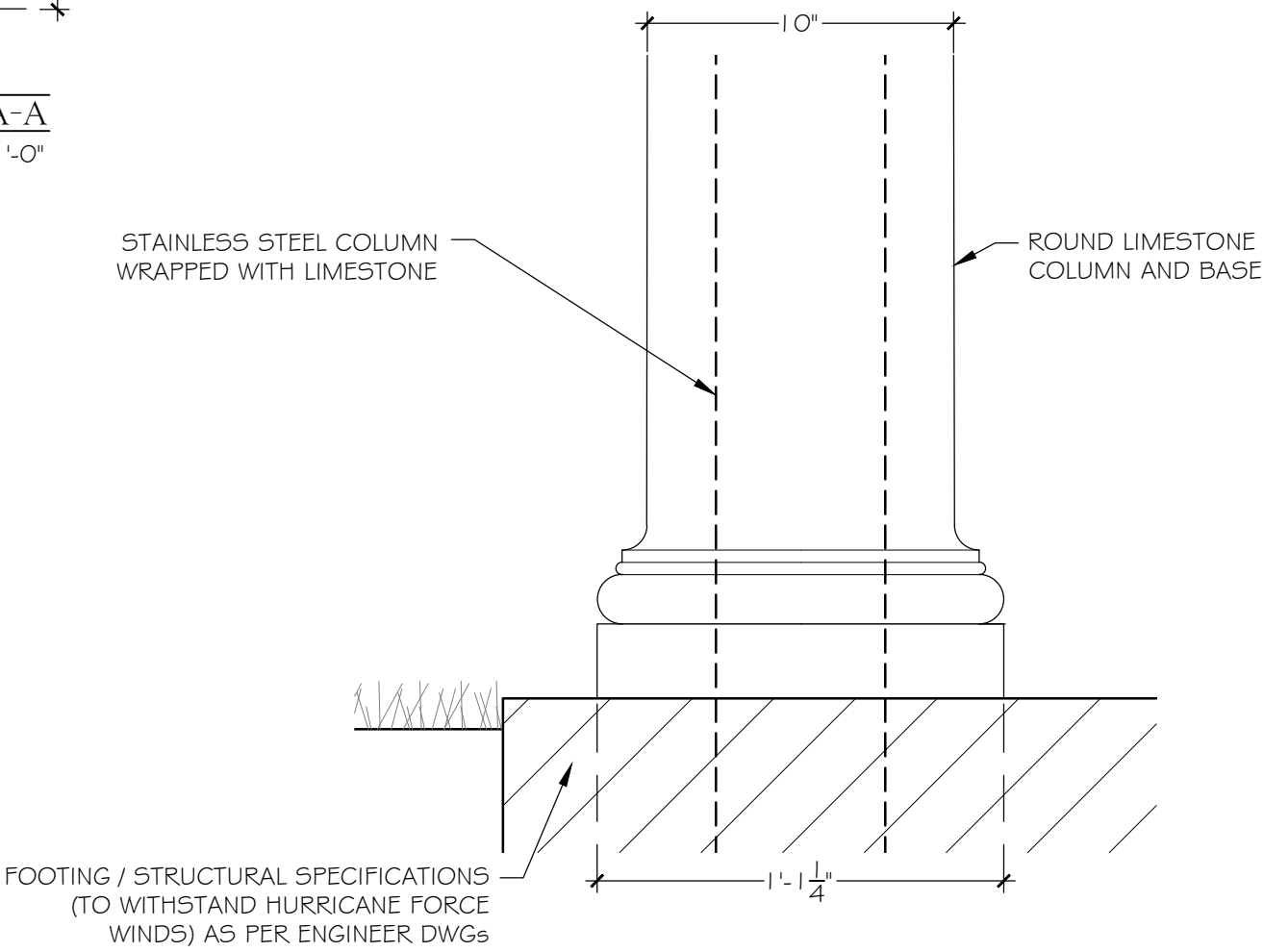


2 POOL TERRACE  
2.2 DETAIL SCALE: 1/4" = 1'-0"



ELEVATION

1 PERGOLA DETAIL  
2.2 SCALE: 1/2" = 1'-0"



1a PLINTH  
2.2 SCALE: 2" = 1'-0"

ABBREVIATIONS KEY  
DIA = DIAMETER  
DR = DOMINICAN REPUBLIC  
HS = HARDSCAPE  
HT = HEIGHT  
LA = LANDSCAPE ARCHITECT  
LS = LANDSCAPE  
MAX = MAXIMUM  
MIN = MINIMUM  
SMI = SMI LANDSCAPE ARCHITECTURE  
TBD = TO BE DETERMINED  
TC = TERRA COTTA  
THK = THICK  
TYP = TYPICAL

GRADING  
BOS = BOTTOM OF STEPS  
ELEV = ELEVATION  
FFE = FINISHED FLOOR ELEVATION  
TOS = TOP OF STEPS  
TOW = TOP OF WALL

SEE STRUCTURAL ENGINEER PLANS  
FOR FULL FOOTER INFORMATION

# The Baker Residence

177 Clarke Avenue  
Palm Beach, FL 33480

HARDSCAPE MOCK-UPS TO BE APPROVED  
BY OWNER / LA PRIOR TO INSTALLATION

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1	04/07/2023	ARCOM
REVISIONS	DATE	DESCRIPTION
		ARC: 23-013
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eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

TITLE		2 of 2	
Hardscape Details			
SCALE		PROJECT NUMBER:	
As Noted		2306	
DATE:		PRJCT MNGR:	CHECKED:
04.07.2023		CFV	.
SEAL		DRAWING NO.	
		L2.2	
		SHEET 2 OF 1	



Know what's below  
Call before you dig



FIELD VERIFY ALL DIMENSIONS

ABBREVIATIONS KEY  
DIA =Diameter  
DR =Dominican Republic  
HS =HardScape  
HT =Height  
LA =Landscape Architect  
LS =LandScape  
MAX =MAXimum  
MIN =MINimum  
SMI =SMI Landscape Architecture  
TBD =To Be Determined  
TC =Terra Cotta  
THK =Thick  
TYP =Typical

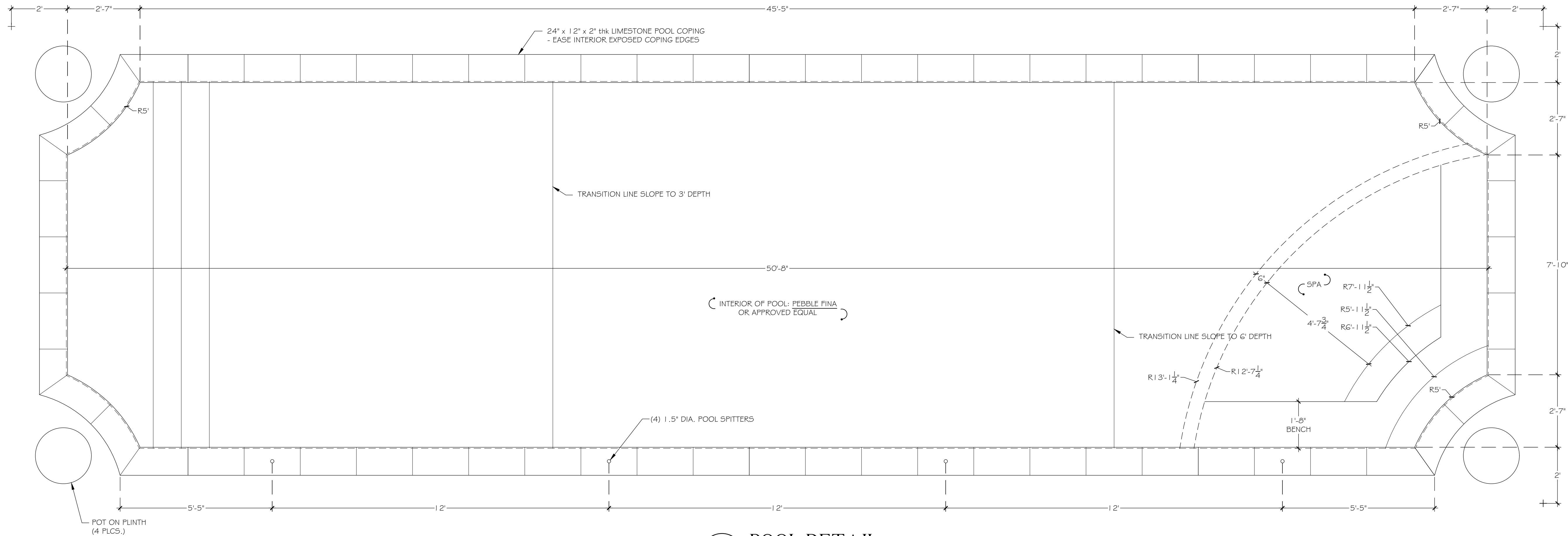
GRADING  
BOS =Bottom Of Steps  
ELEV =ELEVation  
FFE =Finished Floor Elevation  
TOS =Top Of Steps  
TOW =Top Of Wall

REFER TO ARCHITECT'S &  
STRUCTURAL / POOL ENGINEER'S  
DRAWINGS FOR COMPLETE  
STRUCTURAL INFORMATION.

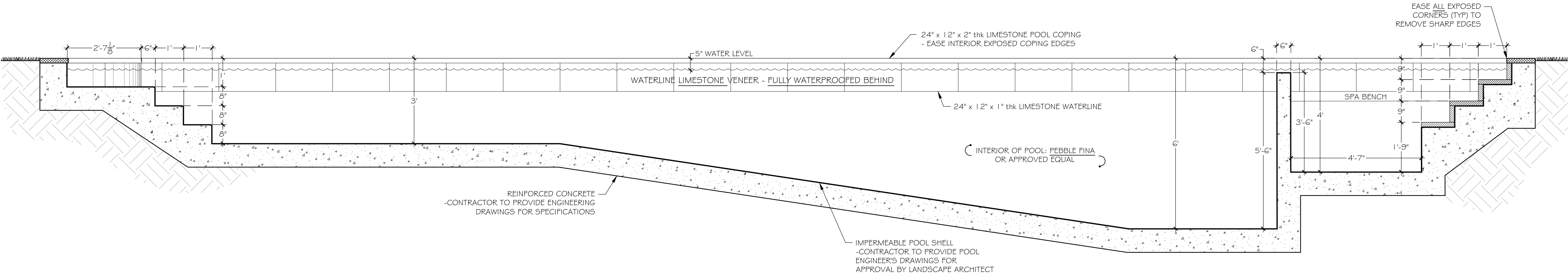
ANY/ALL TRACK DRAINS, TRENCH DRAINS AND DRAIN GRATES  
TO BE CAST IRON UNLESS OTHERWISE SPECIFIED BY SMI

POOL / SPA NOTES:

- ALL SWIMMING POOL DRAWINGS TO BE ENGINEERED. ENGINEER DRAWINGS PREVAIL FOR CONSTRUCTION.
- ALL GROUT COLORS TO BE SELECTED BY LANDSCAPE ARCHITECT & APPROVED BY OWNER
- ENGINEER DWGS. MUST BE PRESENTED TO LANDSCAPE ARCHITECT FOR REVIEW OF OVERALL AESTHETIC DESIGN INTENT.
- POOL CONTRACTOR TO VERIFY ALL POOL / SPA DIMENSIONS, POOL LOCATION, & SET BACKS PRIOR TO CONSTRUCTION.
- POOL / SPA CONSTRUCTION TO COMPLY WITH ALL APPLICABLE STATE & LOCAL CODES WHETHER INDICATED HERE OR NOT. WHERE COMPLIANCE REQUIRES SUBSTANTIAL DEVIATION FROM THE DESIGN INTENT, AS SHOWN ON THE CONTRACT DRAWINGS, MODIFICATIONS MUST BE REVIEWED BY THE LANDSCAPE ARCHITECT.
- OBTAIN NECESSARY SUB-SURFACE INFORMATION. EXCAVATE & REMOVE ALL MUCK & OTHER UNACCEPTABLE MATERIAL & REPLACE W/ GOOD CLEAN STRUCTURALLY SOUND FILL MATERIAL. PROVIDE DEWATERING AS NECESSARY.
- OBTAIN ALL NECESSARY PERMITS AS PER STATE & LOCAL CODES.
- INFORMATION SHOWN IS SCHEMATIC IN NATURE. ALL POOL / SPA EQUIPMENT TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS. POOL / SPA STRUCTURE & ALL EQUIPMENT SHALL BE WARRANTED UNDER POOL CONTRACTORS WARRANTY FOR 1 FULL YEAR FOR PARTS & LABOR.
- POOL / SPA TO BE INSTALLED BY LOCAL & STATE LICENSED POOL CONTRACTOR.
- PROVIDE OPERATION AND MAINTENANCE MANUALS TO OWNER UPON COMPLETION OF WORK & ACCEPTANCE BY OWNER.
- ALL EQUIPMENT AND EXPOSED PIPING SHALL BE CLEARLY LABELED W/ PERTINENT DATA SUCH AS, BUT NOT LIMITED TO: PUMP & FILTER SPECIFICATIONS, PIPE SIZE, USE & FLOW DIRECTION, ETC.
- LOCATE PUMP AND ALL MECHANICAL EQUIPMENT PER OWNERS DIRECTION.
- LOCATE CONTROLS FOR LIGHTS, AND FOUNTAINS INSIDE HOUSE PER OWNERS DIRECTION.
- POOL / SPA TILE AND STONE TILE ARE DECORATIVE ONLY. SHELL MUST BE IMPERMEABLE. ALL MASONRY MATERIAL SHALL BE COMPATIBLE WITH SWIMMING POOL / SPA CONDITIONS.
- PITCH FLOOR OF POOL/SPA TO DRAIN
- OVERFLOW DRAIN BY CONTRACTOR TO BE APPROVED BY LANDSCAPE ARCHITECT
- CONTRACTOR TO INSTALL WATER LEVELER
- INSTALL ADJUSTMENT VALVE IN VISIBLE LOCATION



1 POOL DETAIL  
SCALE: 1/4" = 1'-0"



2 POOL SECTION  
SCALE: 1/2" = 1'-0"

The  
Baker  
Residence

177 Clarke Avenue  
Palm Beach, FL 33480

HARDSCAPE MOCK-UPS TO BE APPROVED  
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PLANTINGS / ROOT BALLS

1	04/07/2023	ARCOM
DATE	DESCRIPTION	
REVISIONS		
	ARC: 23-013	
	ZON: 23-028	

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eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

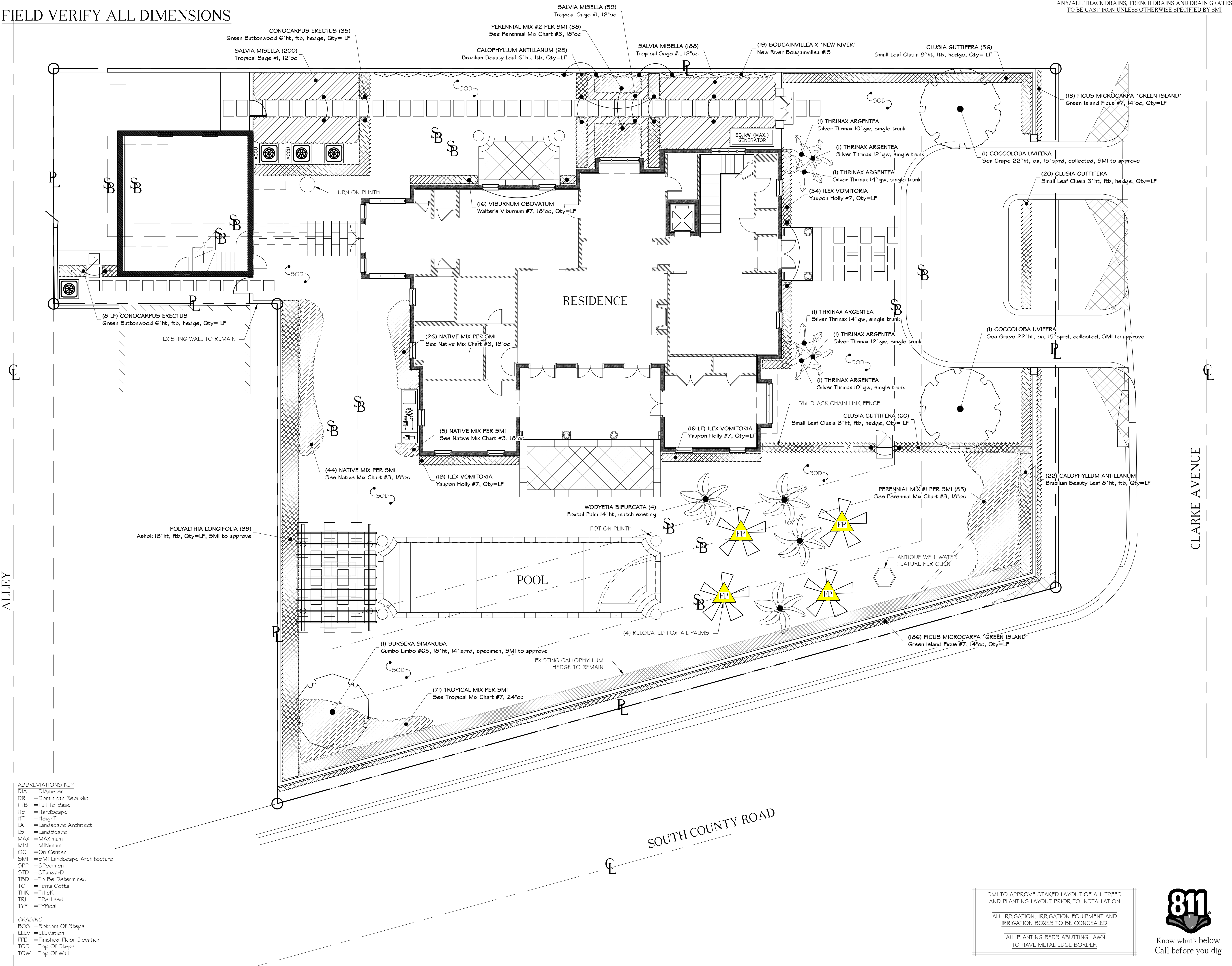
TITLE Pool & Spa Details		
SCALE As Noted	PROJECT NUMBER: 2306	
DATE: 04.07.2023	PRJCT MNGR: CFV	CHECKED: .
SEAL	DRAWING NO. L2.3 SHEET 3 OF 1	



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# The Baker Residence

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1	04/07/2023	ARCOM
DATE	DESCRIPTION	
REVISIONS		
	ARC: 23-013	
	ZON: 23-028	

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Telephone: 561-655-9006 Fax: 561-655-9007  
eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

TITLE Planting Plan		
SCALE 1/8" = 1'-0"	PROJECT NUMBER 2306	
DATE 04.07.2023	PRJCT MNGR CFV	CHECKED .
SEAL	DRAWING NO. L3.1 SHEET 1 OF 1	

ABBREVIATIONS KEY  
DIA = DIAMETER  
DR = DOMINICAN REPUBLIC  
FTB = FULL TO BASE  
HS = HARDSCAPE  
HT = HEIGHT  
LA = LANDSCAPE ARCHITECT  
LS = LANDSCAPE  
MAX = MAXIMUM  
MIN = MINIMUM  
OC = ON CENTER  
SMI = SMI LANDSCAPE ARCHITECTURE  
SPP = SPECIMEN  
STD = STANDARD  
TBD = TO BE DETERMINED  
TC = TERRA COTTA  
THK = THICK  
TRL = TRULIUS  
TYP = TYPICAL

GRADING  
BOS = BOTTOM OF STEPS  
ELEV = ELEVATION  
FFE = FINISHED FLOOR ELEVATION  
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TOW = TOP OF WALL

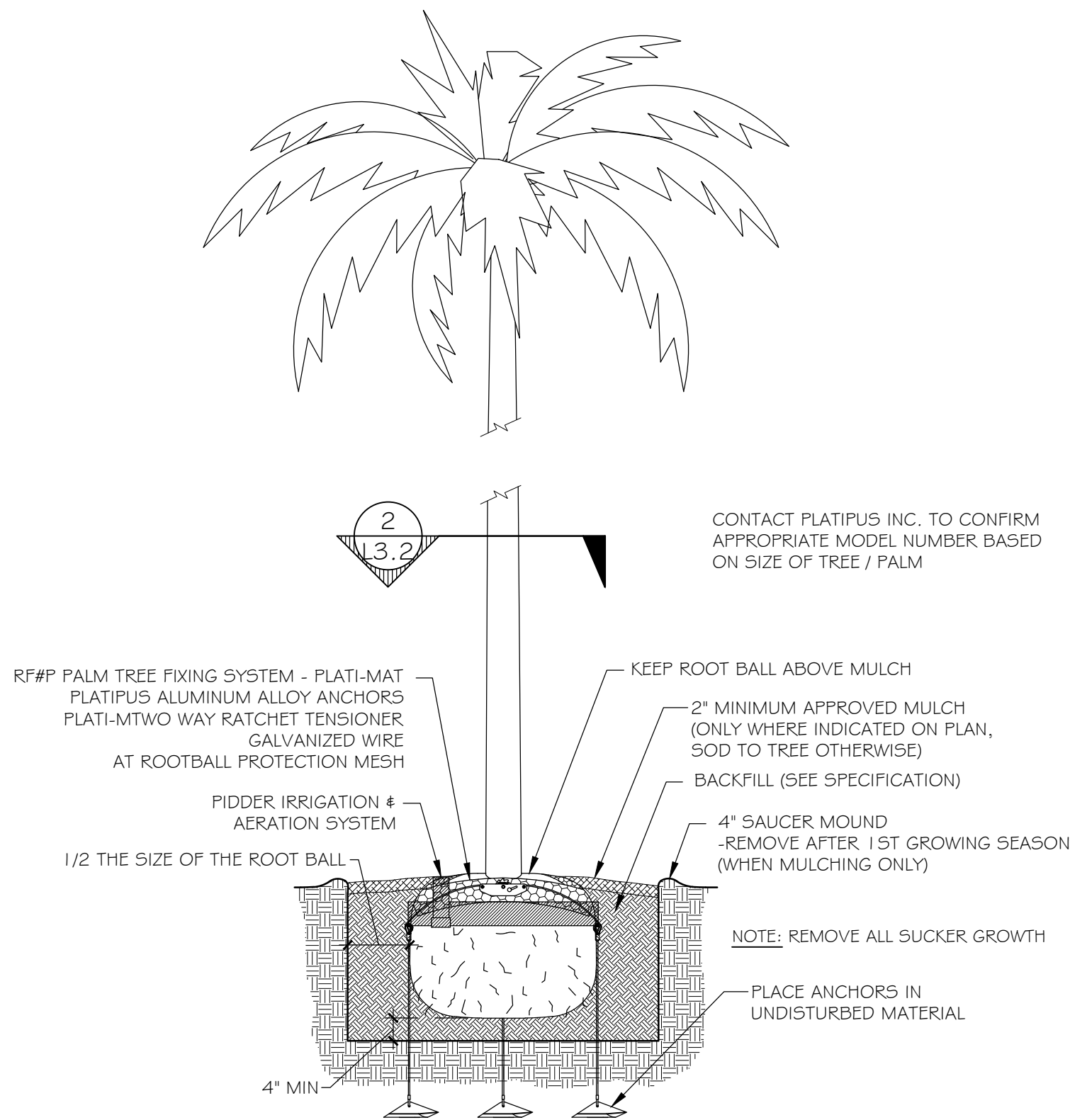
SMI TO APPROVE STAKED LAYOUT OF ALL TREES AND PLANTING LAYOUT PRIOR TO INSTALLATION  
ALL IRRIGATION, IRRIGATION EQUIPMENT AND IRRIGATION BOXES TO BE CONCEALED  
ALL PLANTING BEDS ABUTTING LAWN TO HAVE METAL EDGE BORDER



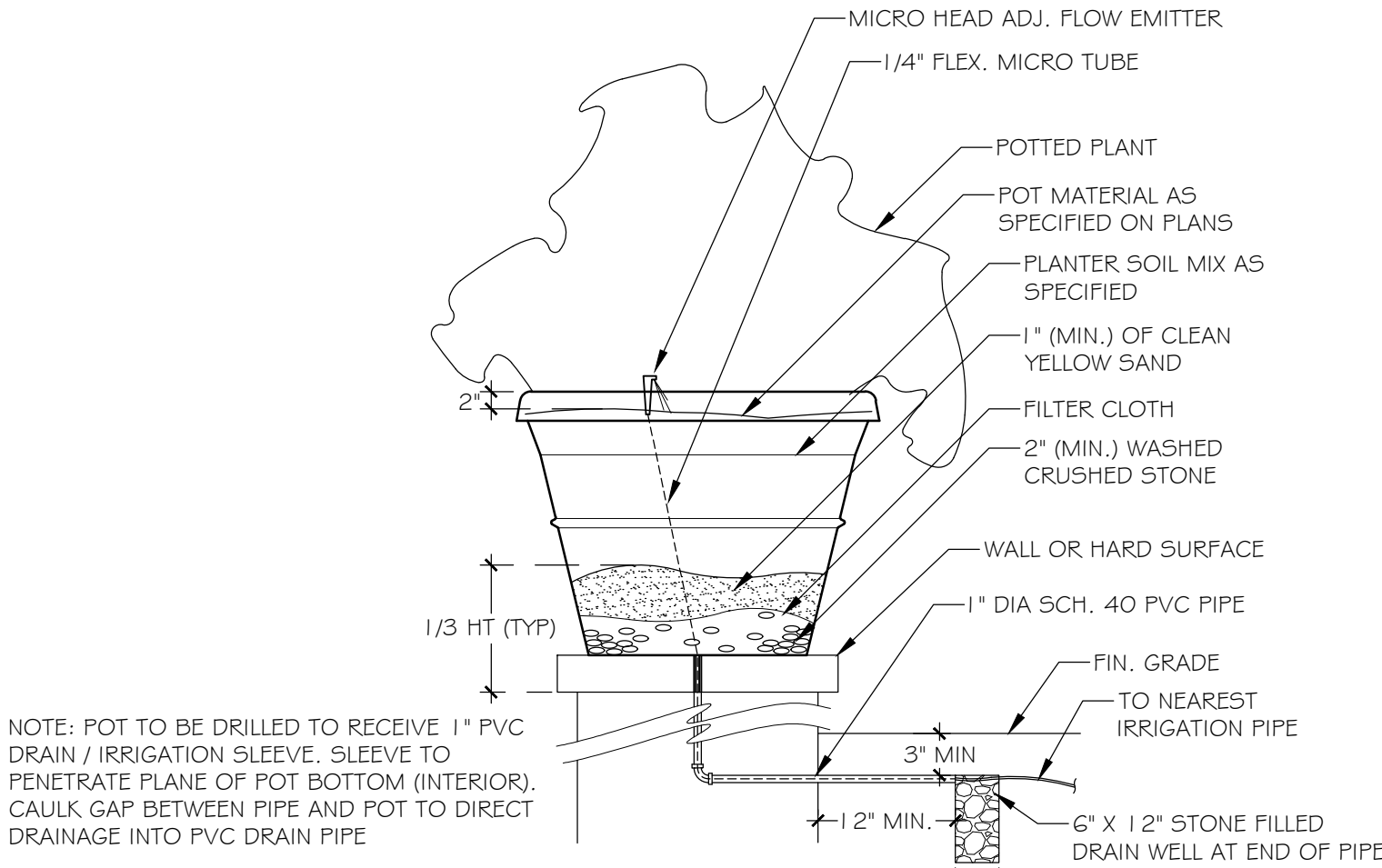
Know what's below  
Call before you dig



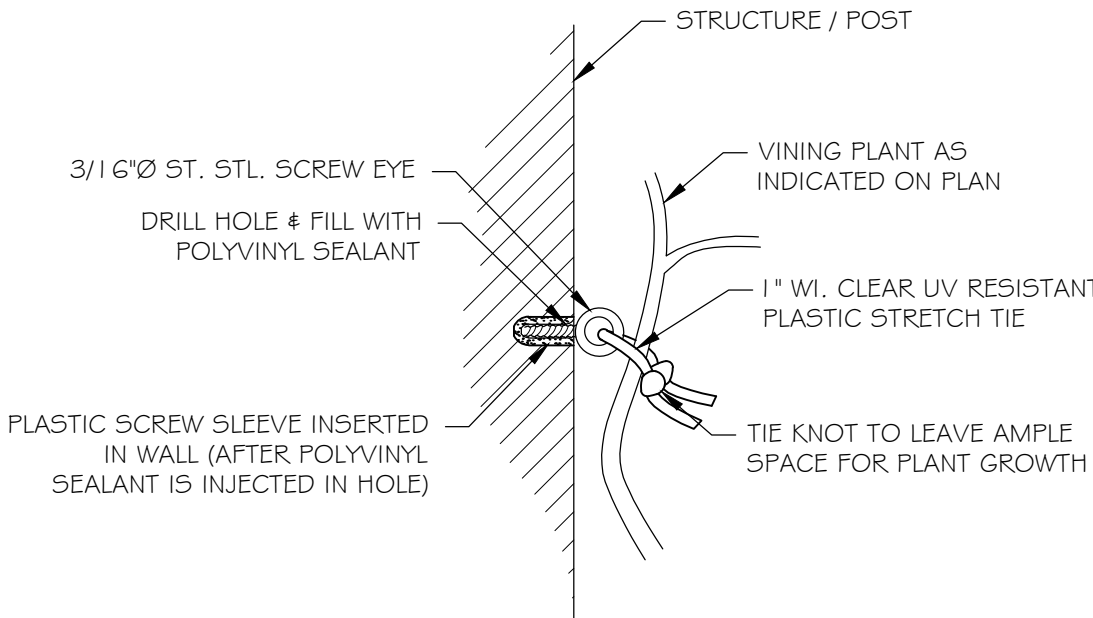
FIELD VERIFY ALL DIMENSIONS



1  
L3.2 PLATIPUS TREE ANCHORING  
DETAIL SCALE: NOT TO SCALE

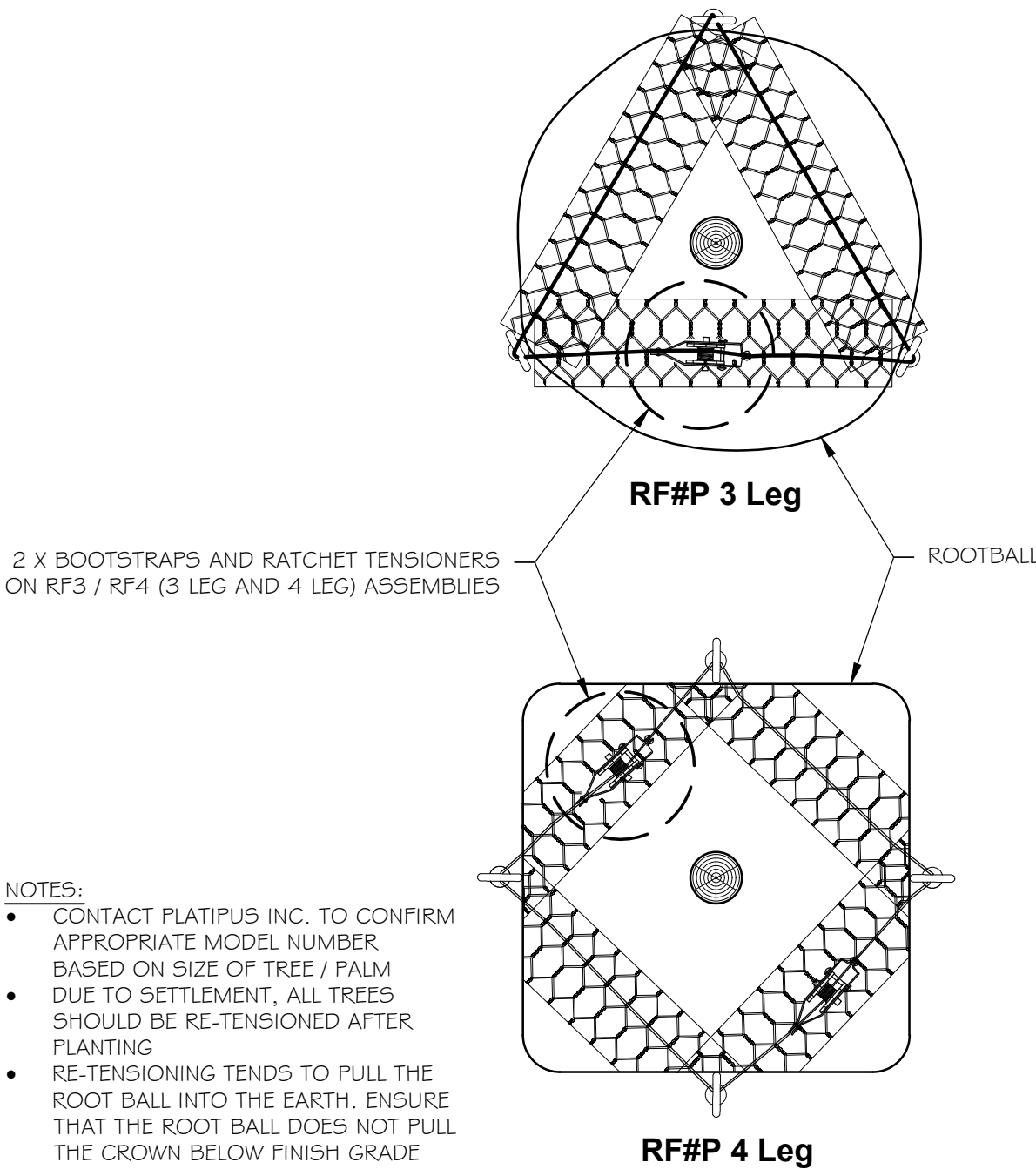


4  
L3.2 POTTED PLANT DETAIL  
SCALE: NOT TO SCALE

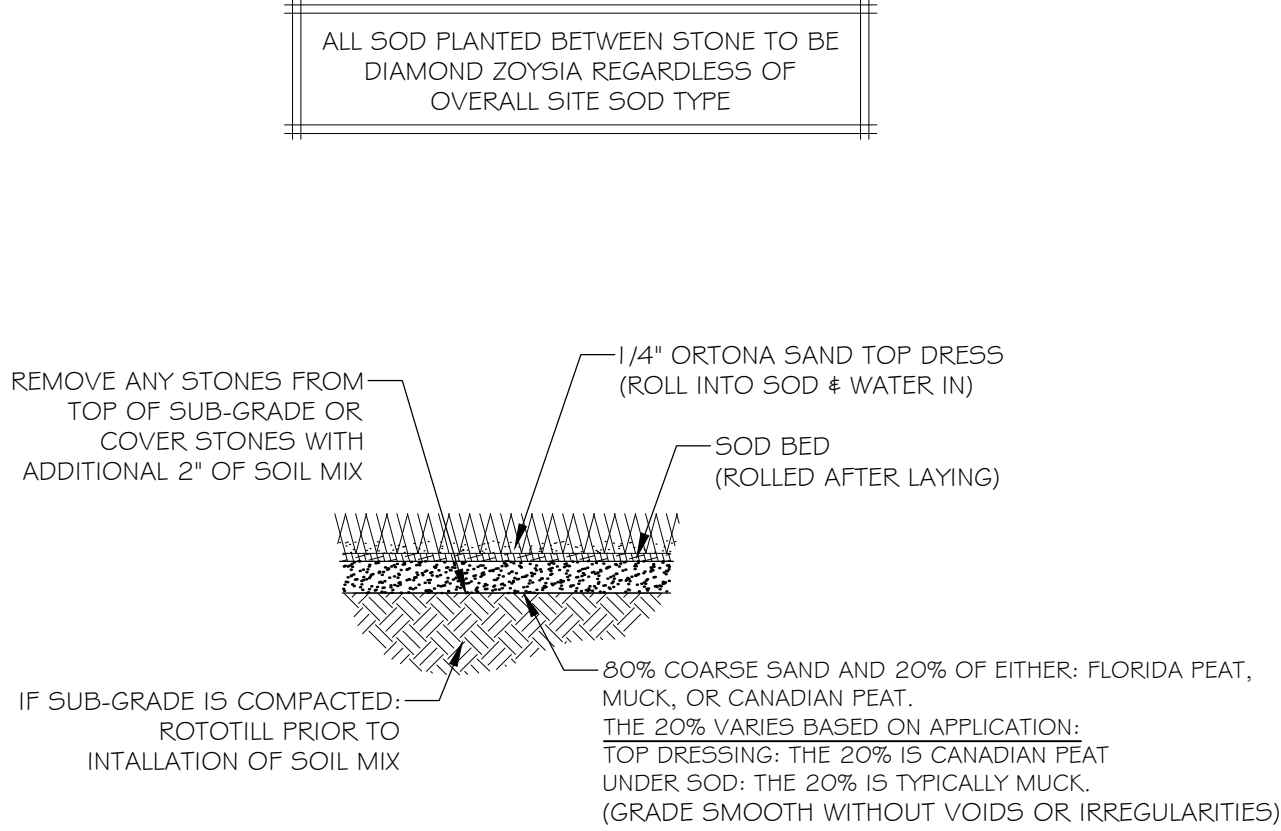


PIN TO WALL

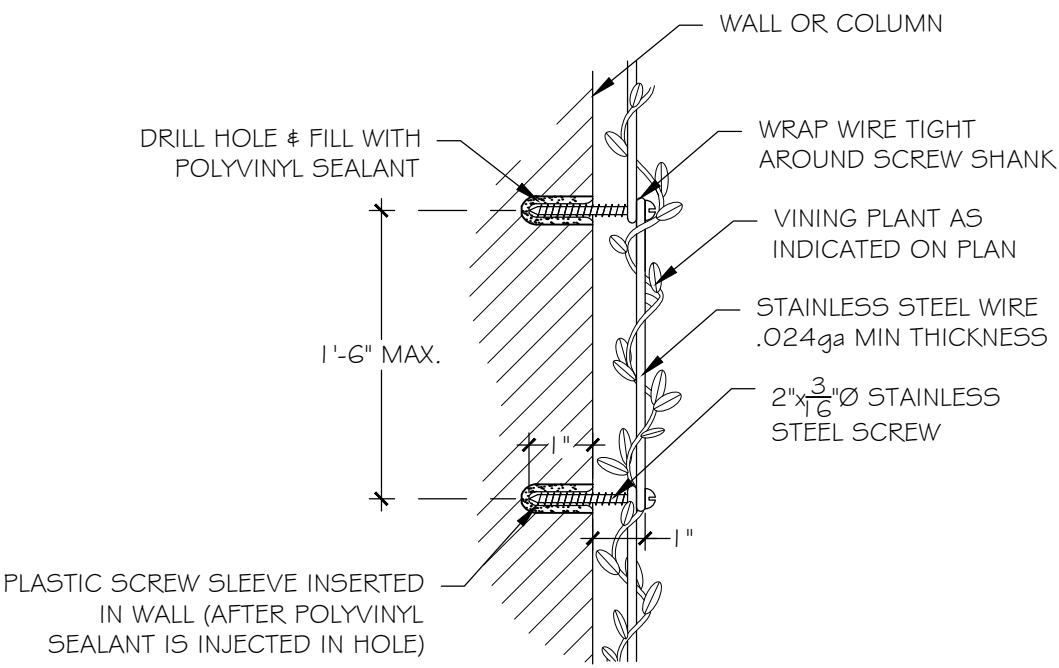
7  
L3.2 VINE SUPPORT DETAIL  
SCALE: NOT TO SCALE



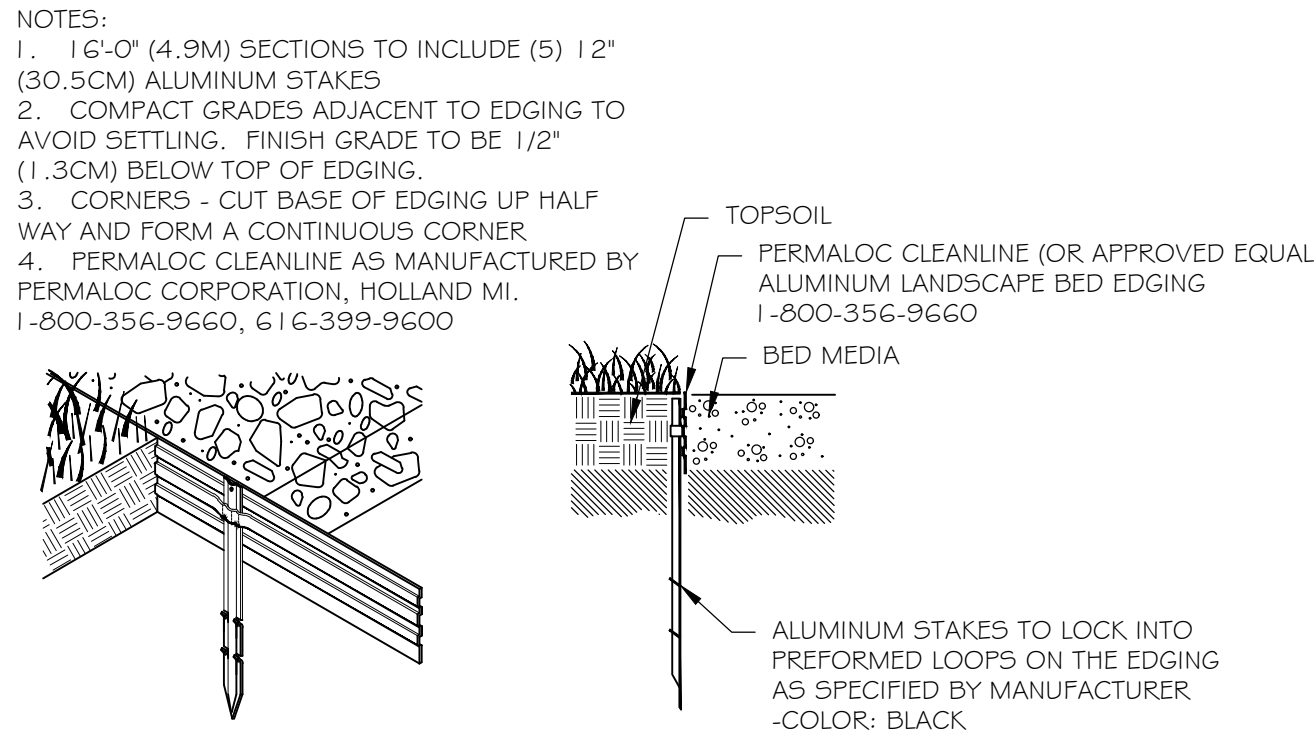
2  
L3.2 PLATIPUS ROOTBALL BOOTSTRAP  
DETAIL SCALE: NOT TO SCALE



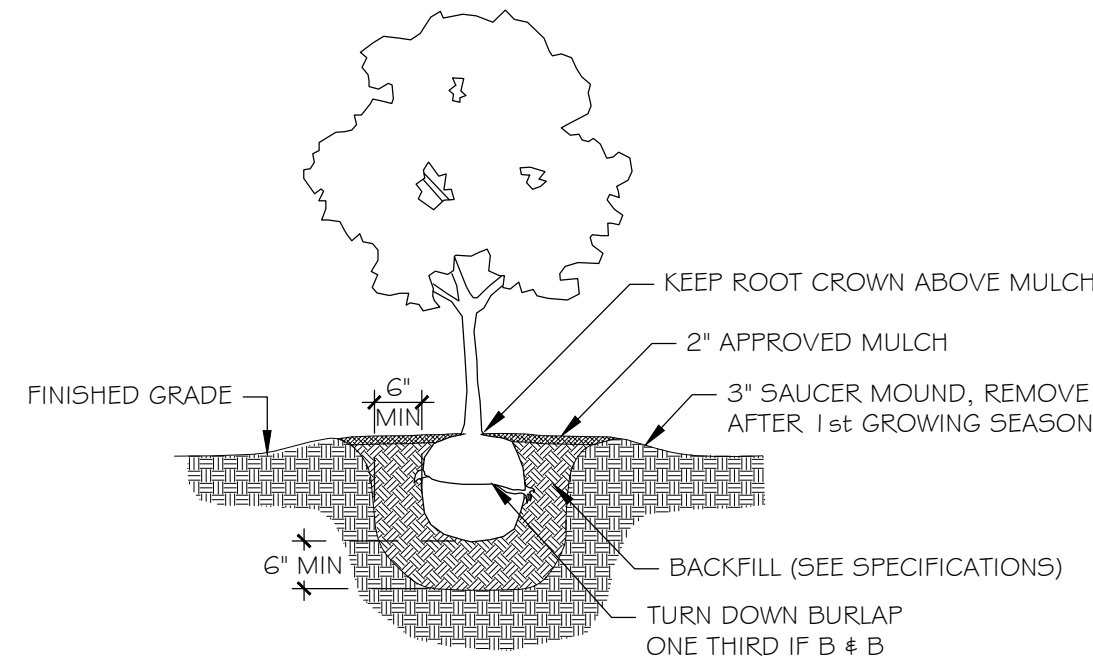
5  
L3.2 SOD PLANTING DETAIL  
SCALE: 1/2\"/>



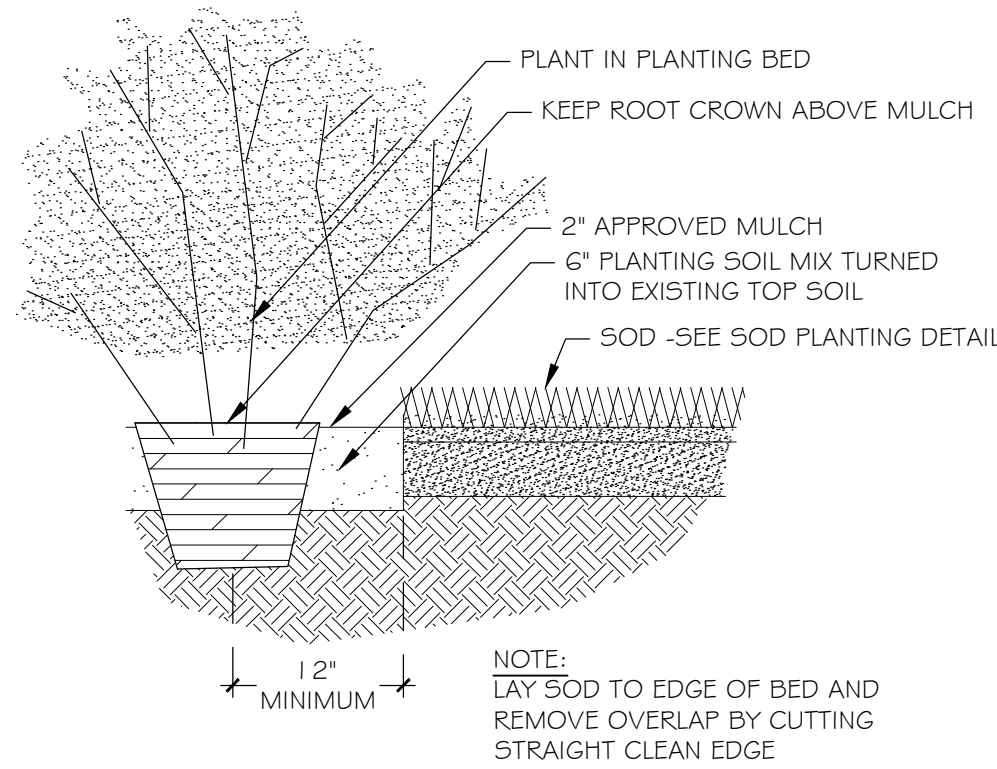
WIRE TO WALL



8  
L3.2 PLANT BED EDGING DETAIL  
SCALE: NTS



3  
L3.2 SHRUB PLANTING DETAIL  
SCALE: NOT TO SCALE



6  
L3.2 PLANTING BED DETAIL  
SCALE: NOT TO SCALE

ANY/ALL TRACK DRAINS, TRENCH DRAINS AND DRAIN GRATES TO BE CAST IRON UNLESS OTHERWISE SPECIFIED BY SMI

SMI TO APPROVE STAKED LAYOUT OF ALL TREES AND PLANTING LAYOUT PRIOR TO INSTALLATION  
ALL IRRIGATION, IRRIGATION EQUIPMENT AND IRRIGATION BOXES TO BE CONCEALED  
ALL PLANTING BEDS TO HAVE STEEL EDGE BORDER

# The Baker Residence

177 Clarke Avenue  
Palm Beach, FL 33480

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NOTE:  
-FOOTINGS FOR ALL STRUCTURES TO BE AT LEAST 3' BELOW GRADE TO ALLOW FOR PLANTINGS / ROOT BALLS

1	04/07/2023	ARCOM
DATE	DESCRIPTION	
REVISIONS		
	ARC: 23-013	
	ZON: 23-028	

## SMI

LANDSCAPE ARCHITECTURE  
140 Royal Palm Way, Suite #206, Palm Beach, Florida 33480  
Telephone: 561-655-9006 Fax: 561-655-9007  
eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

TITLE Planting Details		
SCALE NOT TO SCALE	PROJECT NUMBER: 2306	
DATE: 04.07.2023	PRJCT MNGR: CFV	CHECKED: .
SEAL	DRAWING NO. L3.2 SHEET 2 OF 1	



Know what's below  
Call before you dig



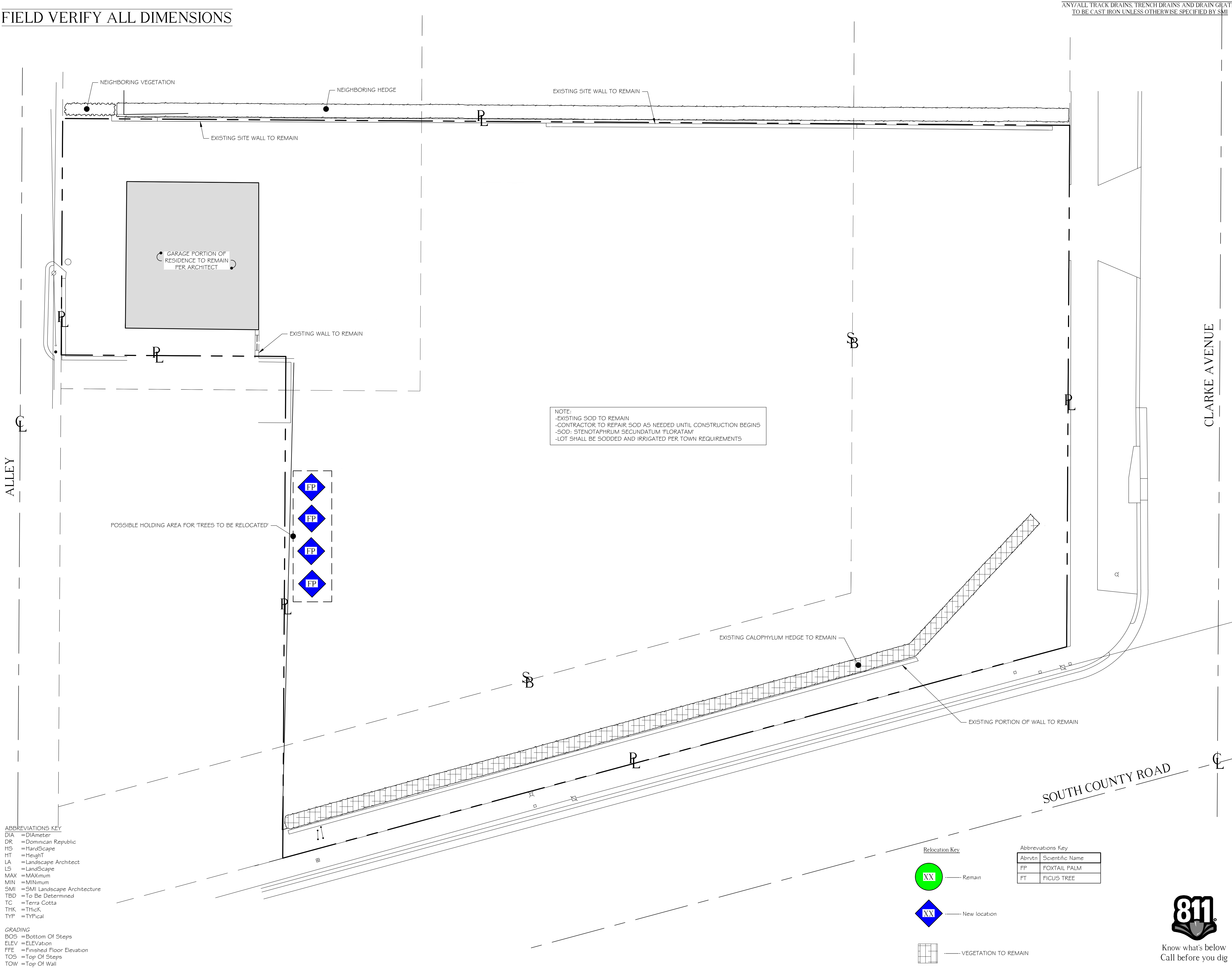








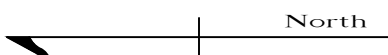
FIELD VERIFY ALL DIMENSIONS



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1 04/07/2023 ARCOM

DATE	DESCRIPTION
04/07/2023	ARC: 23-013 ZON: 23-028

## S M I

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Telephone: 561-655-9006 Fax: 561-655-9007  
eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

TITLE		
Post Demolition Plan		
SCALE	PROJECT NUMBER:	
1/8" = 1'-0"	2306	
DATE:	PRJCT MNGR:	CHECKED:
04.07.2023	CFV	.
SEAL	DRAWING NO.	
	D-2 SHEET 2 OF 2	





North Elevation Facing South  
Proposed



South Elevation Facing North  
Proposed

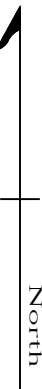
SCALE: 1/8"= 1'-0"



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1	04/07/2023	ARCOM
	DATE	DESCRIPTION

REVISIONS  
ARC: 23-013  
ZON: 23-028

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Telephone: 561-655-9006 Fax: 561-655-9007  
eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

TITLE North/South Elevation View		
SCALE AS NOTED	PROJECT NUMBER: 2306	
DATE: 04.07.2023	PRJCT MNGR: CFV	CHECKED: . .
SEAL	DRAWING NO.  <b>E-1</b> SHEET 1 OF 2	





West Elevation Facing East  
Proposed

SCALE: 1/8" = 1'-0"

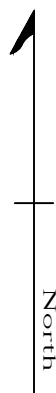


East Elevation Facing West  
Proposed

SCALE: 1/8" = 1'-0"


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Palm Beach, FL 33480



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1	04/07/2023	ARCOM
	DATE	DESCRIPTION

REVISIONS  
ARC: 23-013  
ZON: 23-028

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eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

TITLE West/East Elevation View		
SCALE AS NOTED	PROJECT NUMBER: 2306	
DATE: 04.07.2023	PRJCT MNGR: CFV	CHECKED: . .
SEAL	DRAWING NO. E-2 SHEET 1 OF 2	



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FIELD VERIFY ALL DIMENSIONS

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# The Baker Residence

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Palm Beach, FL 33480

North

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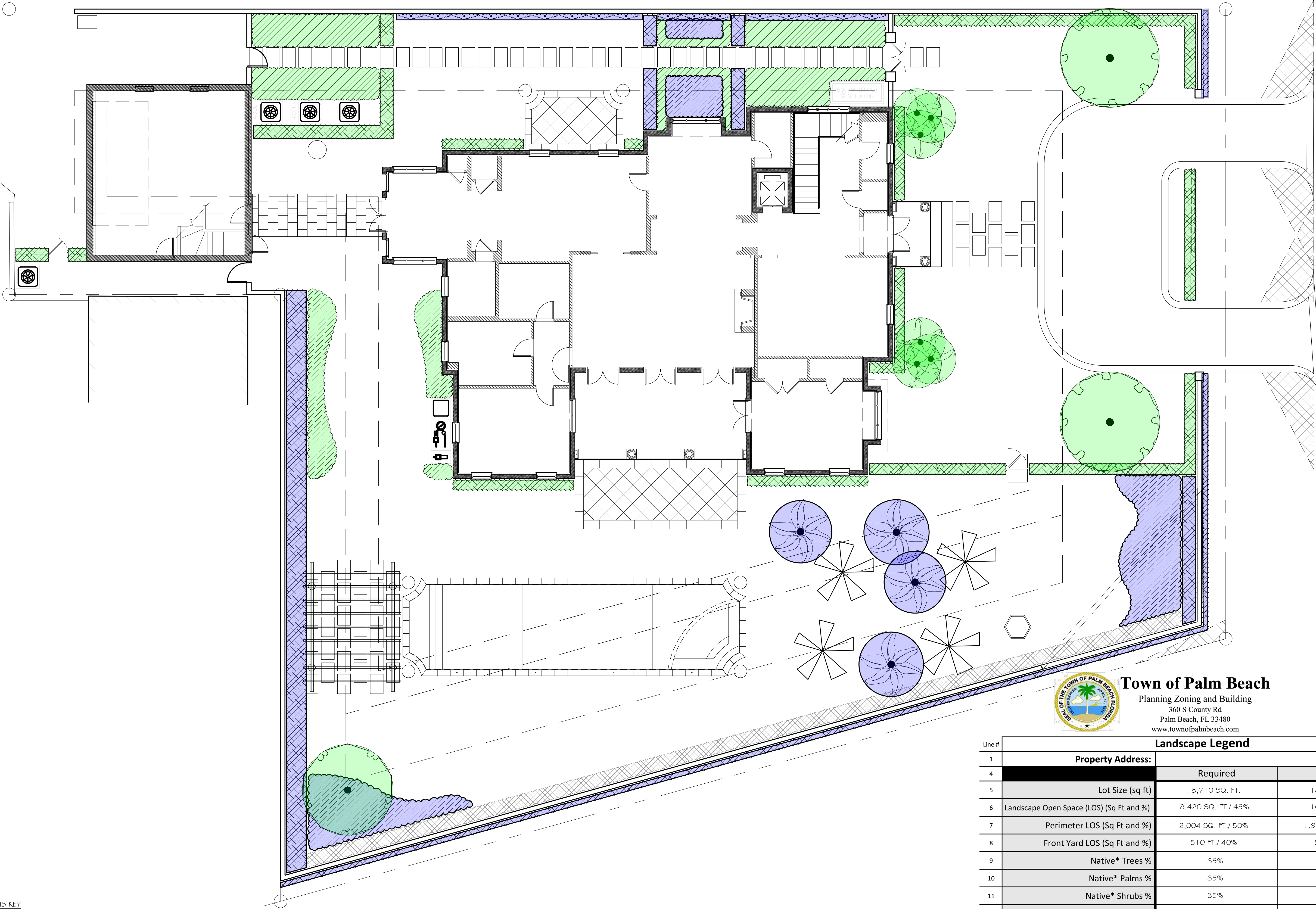
1	04/07/2023	ARCOM
DATE	DESCRIPTION	
REVISIONS		

ARC: 23-013  
ZON: 23-028

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Telephone: 561-655-9006 Fax: 561-655-9007  
eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

TITLE		
Native Calculations		
SCALE	PROJECT NUMBER:	
1/8" = 1'-0"	2306	
DATE:	PRJCT MNGR:	CHECKED:
04.07.2023	CFV	.
SEAL	DRAWING NO.	
	N-1	
	SHEET 1 OF 1	



ABBREVIATIONS KEY  
DIA = DIAMETER  
DR = DOMINICAN REPUBLIC  
HS = HARDSCAPE  
HT = HEIGHT  
LA = LANDSCAPE ARCHITECT  
LS = LANDSCAPE  
MAX = MAXIMUM  
MIN = MINIMUM  
SMI = SMI LANDSCAPE ARCHITECTURE  
TBD = TO BE DETERMINED  
TC = TERRA COTTA  
THK = THICK  
TYP = TYPICAL

GRADING  
BOS = BOTTOM OF STEPS  
ELEV = ELEVATION  
FFE = FINISHED FLOOR ELEVATION  
TOS = TOP OF STEPS  
TOW = TOP OF WALL

### Native Coverage Calculations

Total coverage of new plantings .....3,096.1 sf (100%)

Coverage by native plants .....1,756.7 sf (57%)

LANDSCAPE ARCHITECT TO APPROVE  
LAYOUT OF ALL HARDSCAPE MATERIAL  
PRIOR TO INSTALLATION

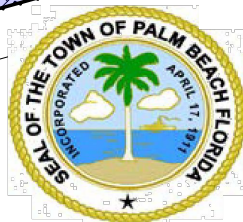


Newly planted non-native plant material



Newly planted native plant material

Areas not shown in color are either existing to remain,  
building, hardscape, or sod



**Town of Palm Beach**  
Planning Zoning and Building  
360 S County Rd  
Palm Beach, FL 33480  
www.townofpalmbeach.com

Line #	Landscape Legend	
	Property Address:	
1	Required	Proposed
4		
5	Lot Size (sq ft)	18,710 SQ. FT.
6	Landscape Open Space (LOS) (Sq Ft and %)	10,867 SQ. FT.
7	Perimeter LOS (Sq Ft and %)	1,985 SQ. FT / 50%
8	Front Yard LOS (Sq Ft and %)	500. FT / 40%
9	Native* Trees %	100%
10	Native* Palms %	47%
11	Native* Shrubs %	39%
12	Native* Vines / Ground Cover %	86%

\*To determine appropriate native vegetation, the Institute for Regional Conservation ("IRC"), Natives for Your Neighborhood guide shall be used.

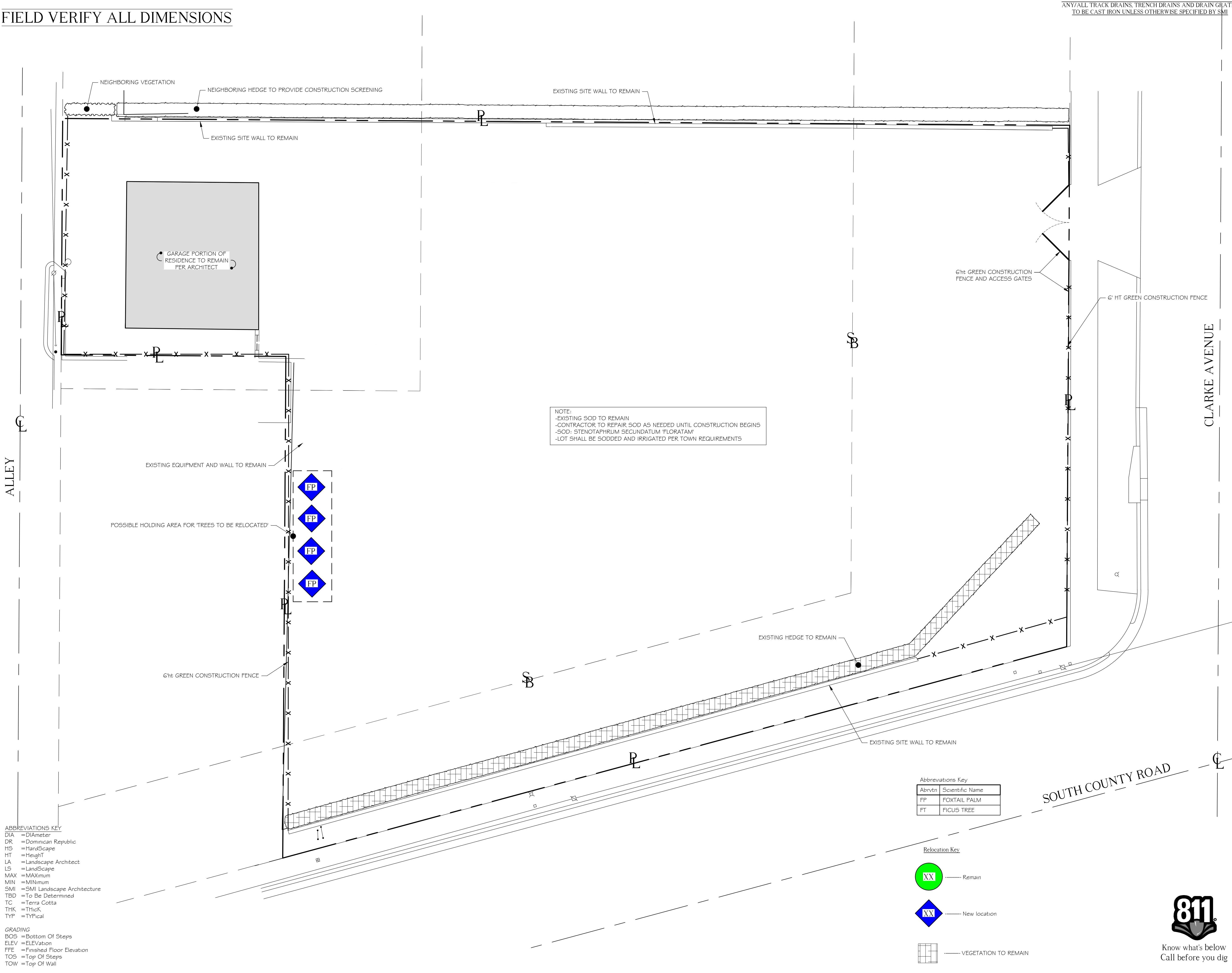
This table shall be included on the landscape species index sheet as prepared by a licensed landscape architect  
REV BF 20220304



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FIELD VERIFY ALL DIMENSIONS



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1 04/07/2023 ARCOM

DATE	DESCRIPTION
04/07/2023	ARC: 23-013 ZON: 23-028

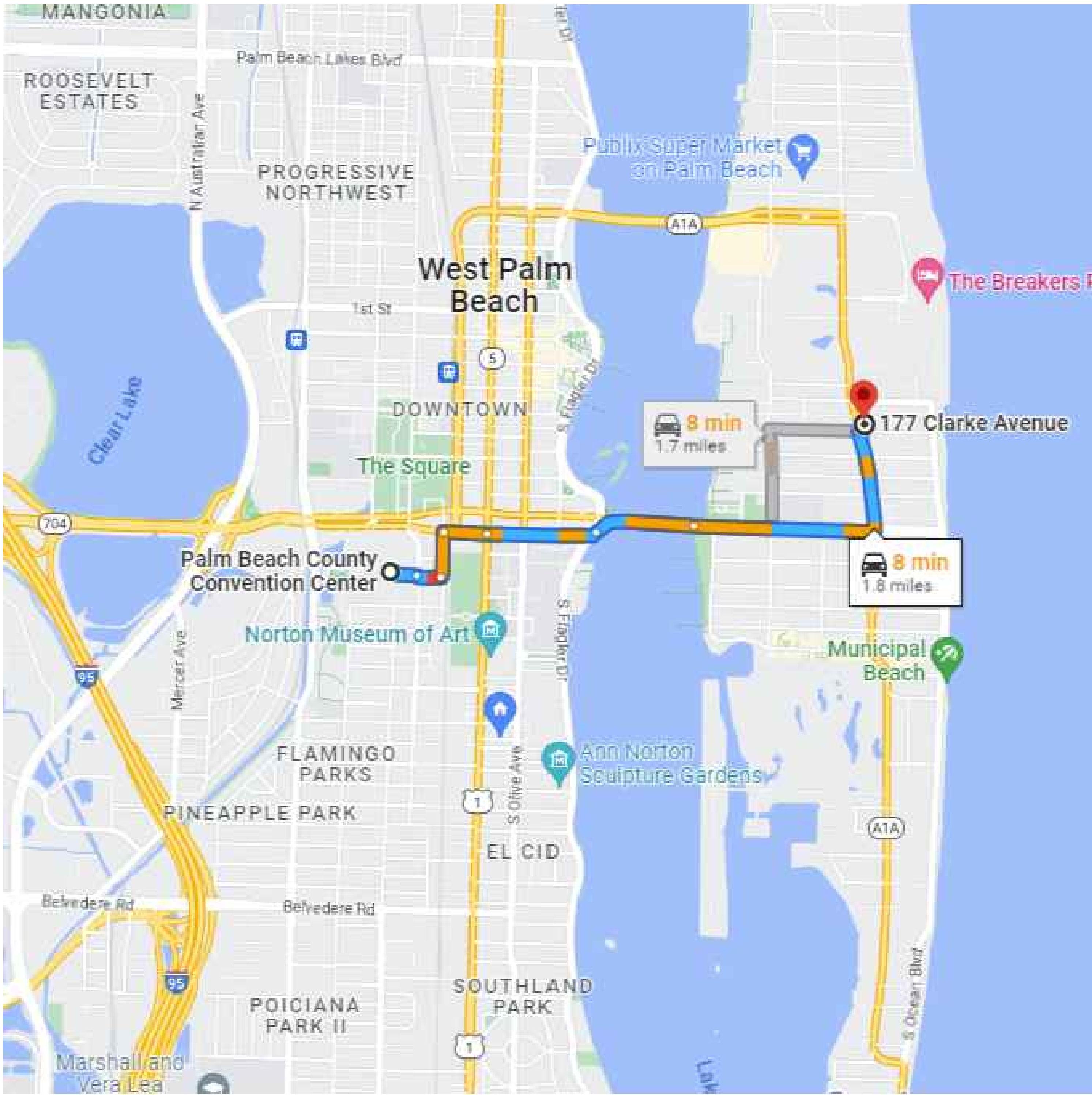
## SMI

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Telephone: 561-655-9006 Fax: 561-655-9007  
eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

TITLE		
Screening Plan		
SCALE	PROJECT NUMBER:	
1/8" = 1'-0"	2306	
DATE:	PRJCT MNGR:	CHECKED:
04.07.2023	CFV	.
SEAL	DRAWING NO.	
	S-1 SHEET 1 OF 1	



Truck Logistics Plan



Proposed Route Map For Truck Traffic

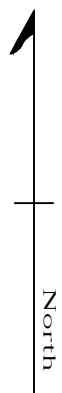
- A. Roadways: Deliveries and workers will be using the Royal Park Bridge to Royal Palm Way, left on South County Road, right on Clarke Avenue.
- B. Maximum truck length = 60 feet
- C. Total number of estimated deliveries generated by project = 60

Construction Schedule

ARCOM Meeting	April 26, 2023	
Mobilization & Demo of Existing Structures	1	Month
Site/Building Preparation	2	Months
Foundation	1.5	Months
Block Deliveries & Concrete Pours	2.5	Months
Roof Truss Delivery and Set Trusses	1	Month
Window/Door Deliveries and Installation	1.5	Months
Dry-In	0.5	Month
Interior Framing	1.5	Months
Rough-In	2	Months
Drywall	0.5	Month
Finishes	6	Months
Landscape & Hardscape Installation	2	Months
Final Inspection	+/- 24 Months	

The Baker Residence

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1	04/07/2023	ARCOM
DATE	DESCRIPTION	
REVISIONS	ARC: 23-013	
	ZON: 23-028	

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Telephone: 561-655-9006 Fax: 561-655-9007  
eMail: Office@smila.net www.smila.net  
FL registration #LA 13000223

TITLE Truck Logistics Plan		
SCALE 1/8" = 1'-0"	PROJECT NUMBER: 2306	
DATE: 04.07.2023	PRJCT MNGR: CFV	CHECKED: .
SEAL	DRAWING NO. TPL1 SHEET 1 OF 1	









STORMWATER RETENTION CALCULATIONS

A. SITE INFORMATION

Total Property Area = 18,715 sq.ft.

Drainage Area Impervious Surface = 10,293 sq.ft.

Drainage Area Pervious Surface = 8,422 sq.ft.

B. ESTIMATED STORMWATER RETENTION VOLUME

The retention volume is estimated using the Rational Method ( $Q=CiA$ )

where:

C = 1.0 (impervious surface)

C = 0.2 (pervious surface)

i = 2 in/hr

Impervious Surface Runoff Volume:

1.0 x 2 in/hr x 10,293 sq.ft. x 1 ft/12 in. = 1,716 cu.ft.

Pervious Runoff Volume:

0.2 x 2 in/hr x 8,422 sq.ft. x 1 ft/12 in. = 281 cu.ft.

Total Volume to be Retained = 1,997 cu.ft.

C. PROPOSED EXFILTRATION TRENCH SIZING

Exfiltration Trench #1  
L = Total Length of Trench Provided = 40 ft  
W = Trench Width = 18 ft  
K = Hydraulic Conductivity = 0.00005 cfs/sq.ft./ft. of head  
H2 = Depth to Water Table = 5.00 ft  
DU = Un-Saturated Trench Depth = 3.00 ft  
DS = Saturated Trench Depth = 0.00 ft

V = Volume Treated = 1,895 cu.ft.

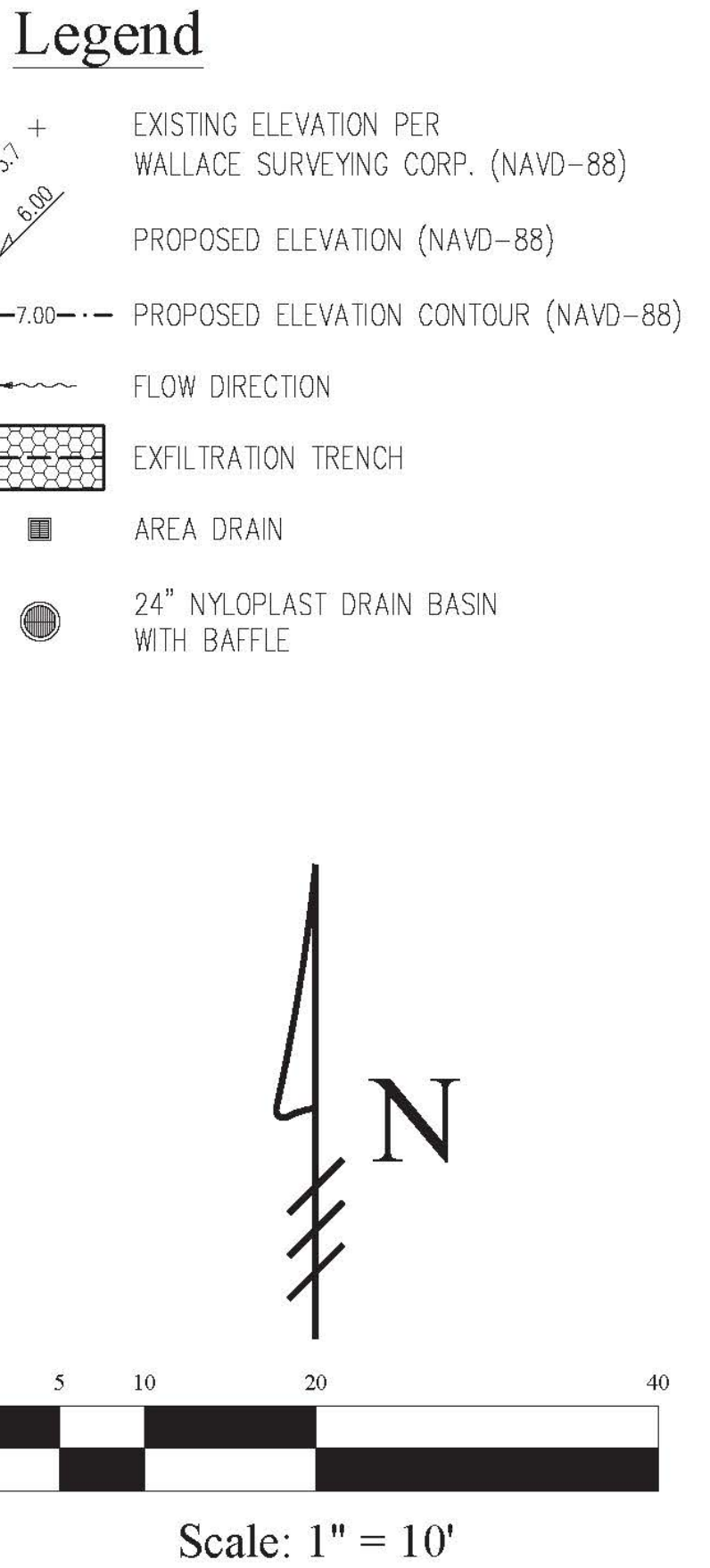
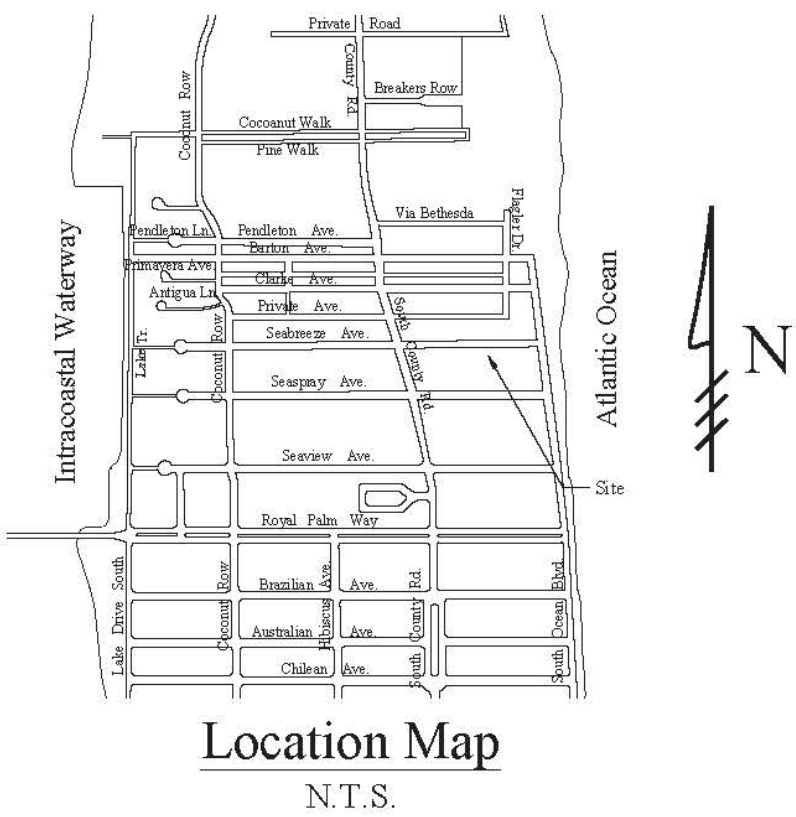
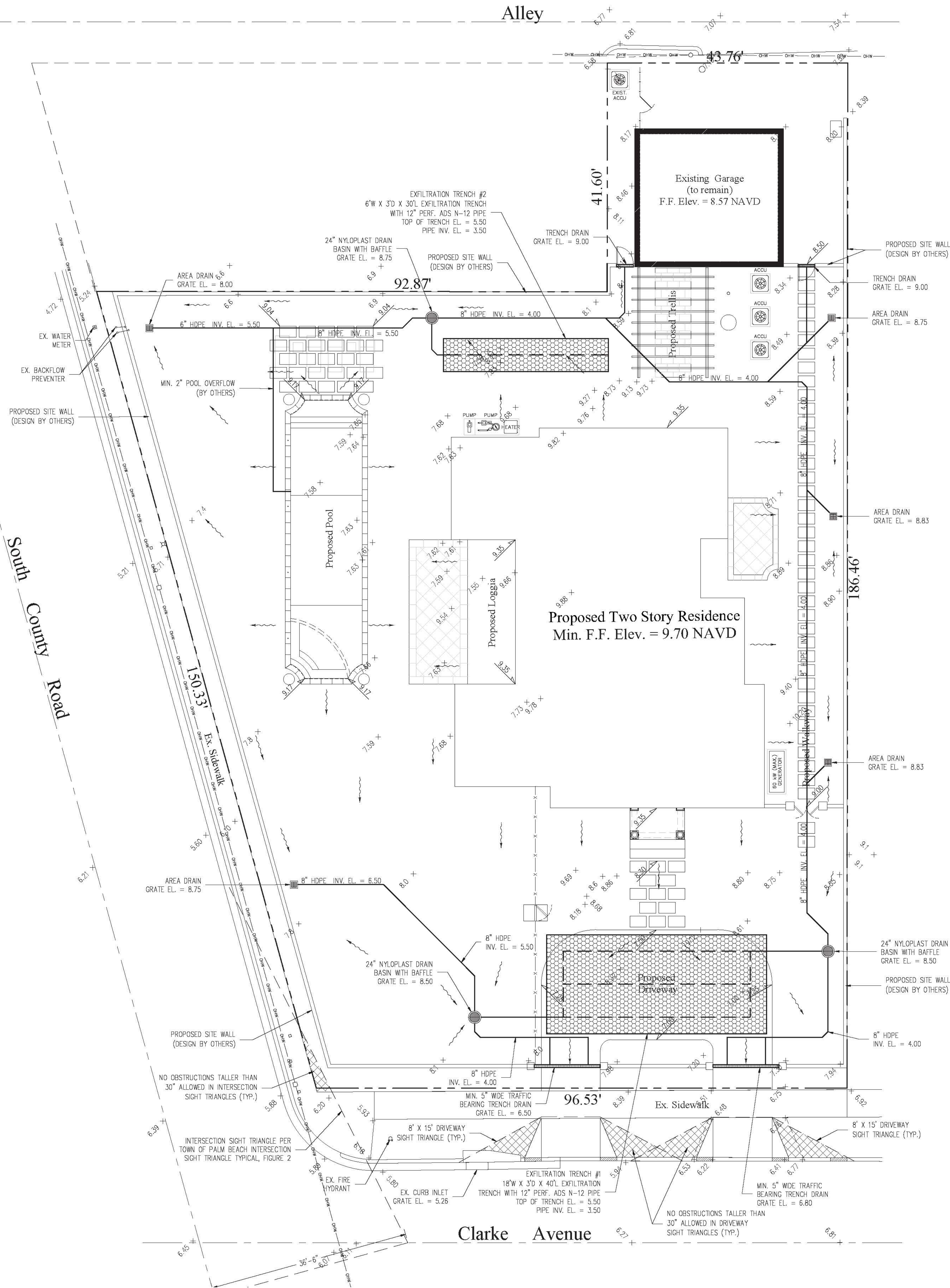
Exfiltration Trench #2  
L = Total Length of Trench Provided = 30 ft  
W = Trench Width = 6 ft  
K = Hydraulic Conductivity = 0.00005 cfs/sq.ft./ft. of head  
H2 = Depth to Water Table = 5.00 ft  
DU = Un-Saturated Trench Depth = 3.00 ft  
DS = Saturated Trench Depth = 0.00 ft

V = Volume Treated = 550 cu.ft.

Total Volume Retained in Exfiltration Trenches = 2,445 cu.ft.

Notes:

- Exfiltration trenches and storm piping to be protected from roots with a root barrier.
- Roof drain downspouts are to be connected to the proposed drainage system. Contractor to provide engineer with downspout locations prior to installation of drainage system.
- Exfiltration trench design uses an assumed value of hydraulic conductivity. Client may obtain a site specific test for hydraulic conductivity prior to exfiltration trench installation.
- Contractor shall mill and overlay all roadway cuts a minimum of 50 ft. on either side of the excavation the entire width of each affected lane.
- Contractor is responsible for installing and maintaining erosion control measures during construction.
- Video inspection of storm drainage system required prior to installation of sod.



Digitally signed by Chad M Gruber  
Date: 2023.04.07 13:26:43 -04'00'

Plan Background from Hardscape Plan by SMI Landscape Architecture Received 4/5/23

ARC-23-013  
ZON-23-028

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Gruber Consulting Engineers, Inc.  
9074 MERCER AVE. SUITE 304  
WEST PALM BEACH, FL 33401  
PHONE: 86.312.2041  
office@gruberengineers.com

Project Information				
Project No.	2023-0131	Issue Date	04/07/2023	Scale
Scale	1" = 10'	Drawn By	KM	Checked By
Checked By	CG			

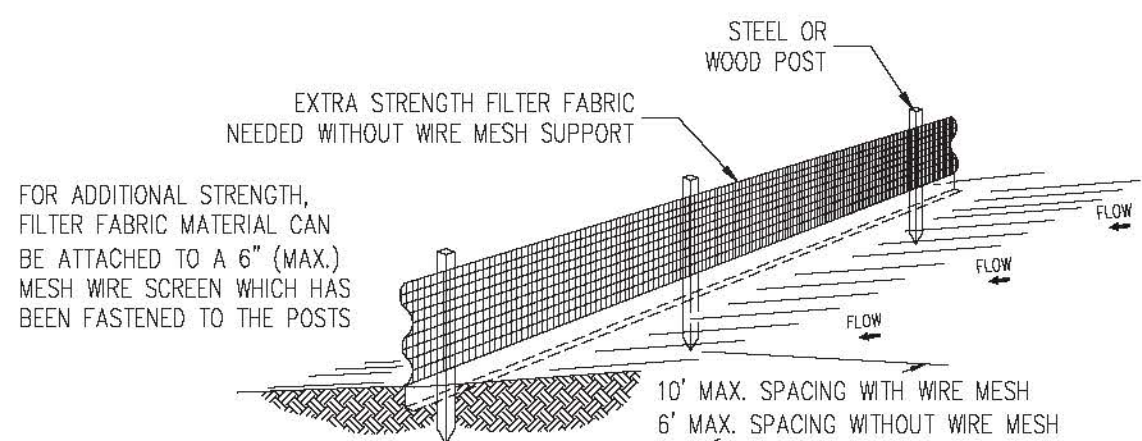
Conceptual Site Grading & Drainage Plan For:  
**Proposed Residence**  
Palm Beach, Florida  
177 Clarke Avenue

Revisions	
1	
2	
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4	
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Chad M. Gruber  
FL P.E. No. 57466

Sheet No.  
**C-1**

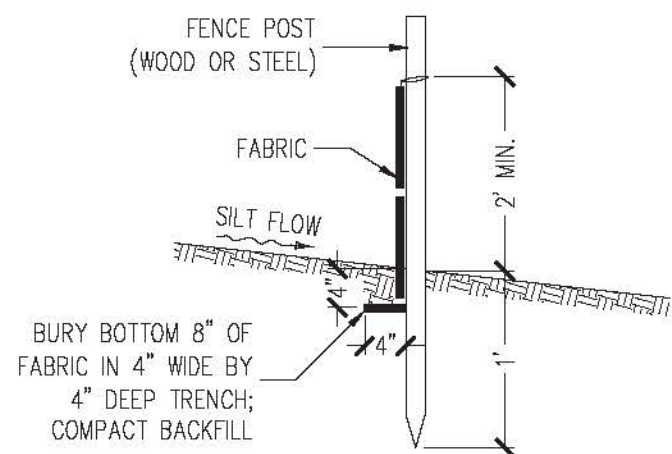




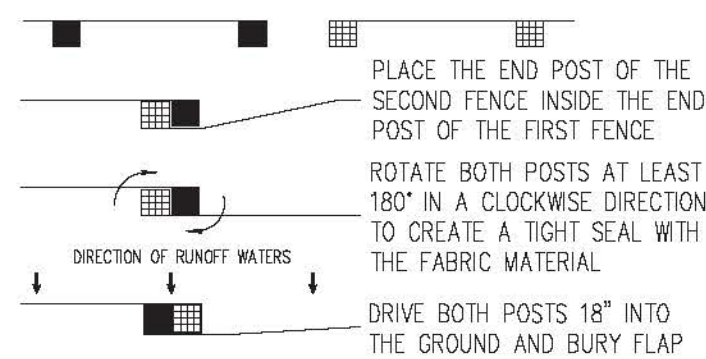
Notes:

- 1) The height of a silt fence shall not exceed 36".
- 2) Filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid the use of joints.
- 3) Posts shall be spaced a maximum of 10' apart at the barrier location and driven securely into the ground a minimum of 12". When extra strength fabric is used without the wire support fence, post spacing shall not exceed 6'.
- 4) A trench shall be excavated approximately 4" wide and 4" deep along the line of posts and upslope from the barrier.
- 5) When standard strength filter fabric is used, a wire mesh support fence shall be fastened securely to the upslope side of the posts using heavy duty wire staples at least 1" long, tie wires, or hog rings. The wire shall extend into the trench a minimum of 2" and shall not extend more than 36" above the original ground surface.
- 6) The standard strength filter fabric shall be stapled or wired to the fence, and 8" of the fabric shall be extended into the trench. The fabric shall not extend more than 36" above the original ground surface.
- 7) The trench shall be backfilled and the soil compacted over the filter fabric.

SILT FENCE DETAIL  
N.T.S.



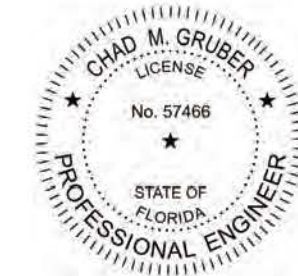
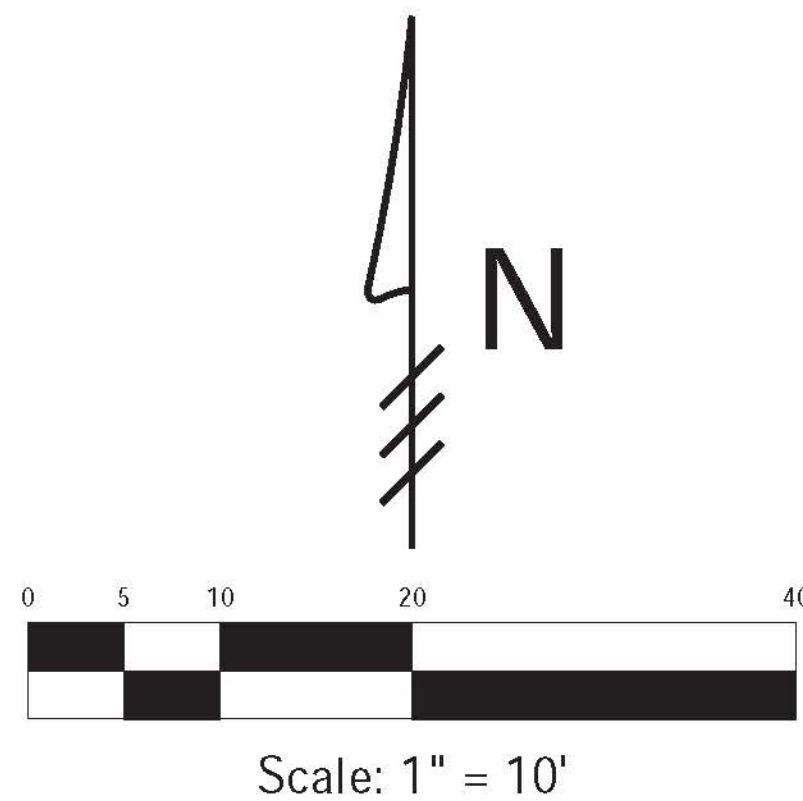
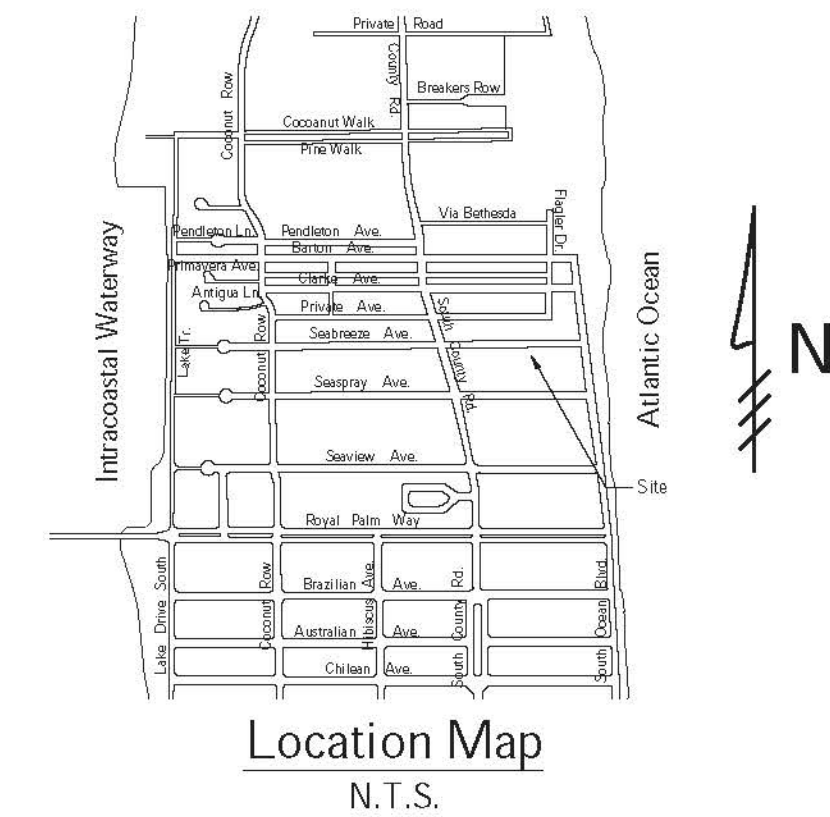
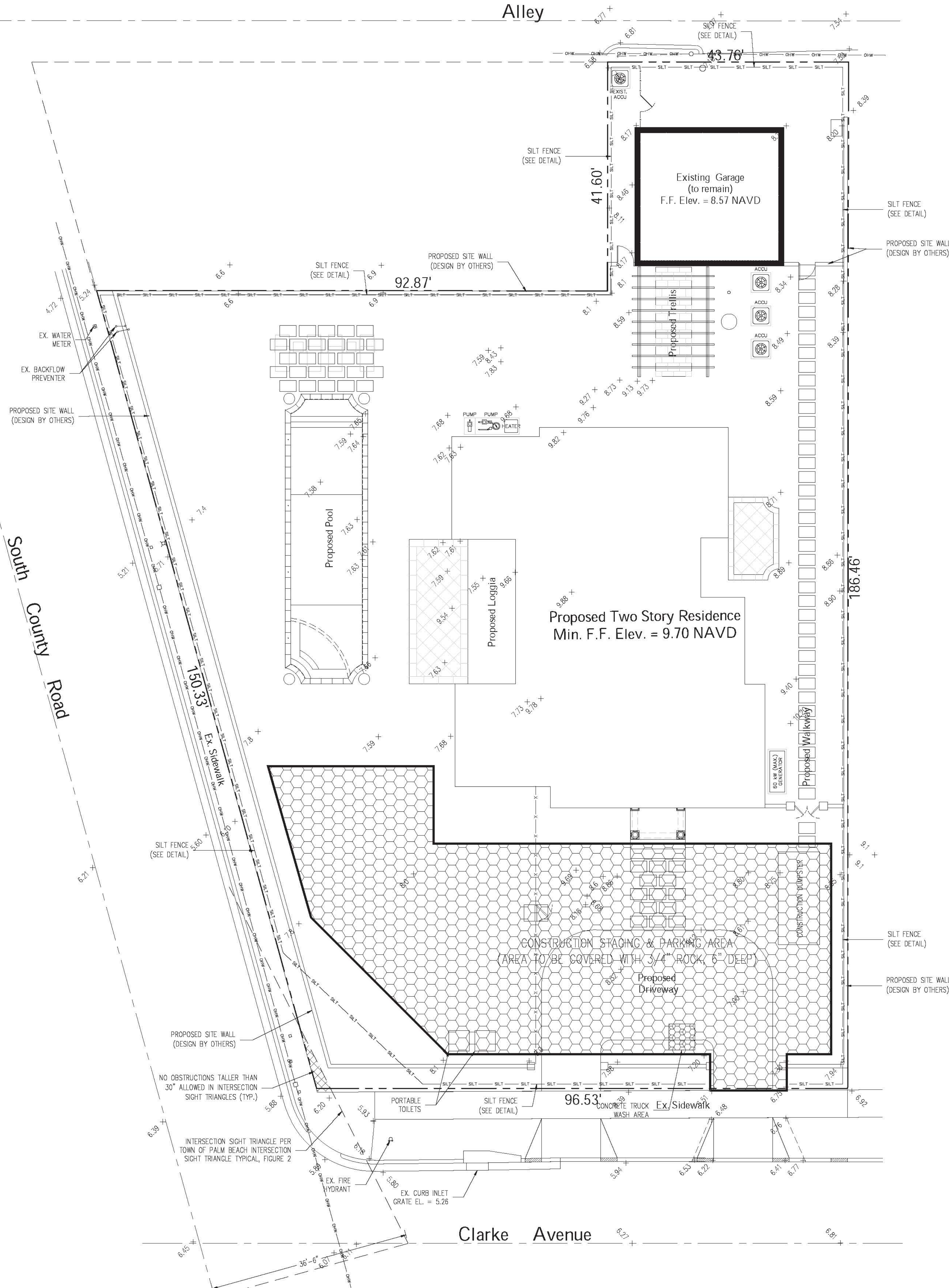
SILT FENCE SECTION  
N.T.S.



ATTACHING TWO SILT FENCES  
N.T.S.

Notes:

- 1) Contractor is responsible for installing and maintaining erosion control measures during construction.
- 2) Contractor to investigate condition of existing sewer service prior to building permit submittal. If existing service is cast iron, or in poor condition, service will be replaced to main per Town of Palm Beach standards.



Digitally signed  
by Chad M Gruber  
Date: 2023.04.07  
13:26:11 -04'00'

This item has been electronically signed and sealed by Chad M. Gruber on the date adjacent to the seal using a SHA authentication code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

Plan Background from Hardscape Plan by  
SMI Landscape Architecture Received 4/5/23

ARC-23-013  
ZON-23-028

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Engineers, Inc.  
9074 MEGGER AVE, SUITE 306  
WEST PALM BEACH, FL 33407  
PHONE 561.312.2041  
office@gruberengineers.com

Project Information				
Project No.	2022-0131	Issue Date	04/07/2023	Scale
Scale	1" = 10'	Drawn By	RM	Checked By
Checked By	CG			

Conceptual Construction Staging & Parking and Erosion Control Plan For:  
**Proposed Residence**  
Palm Beach, Florida  
177 Clarke Avenue

Revisions	
1	
2	
3	
4	
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6	
7	
8	
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10	

Chad M. Gruber  
FL P.E. No. 57466

Sheet No.  
**EC-1**