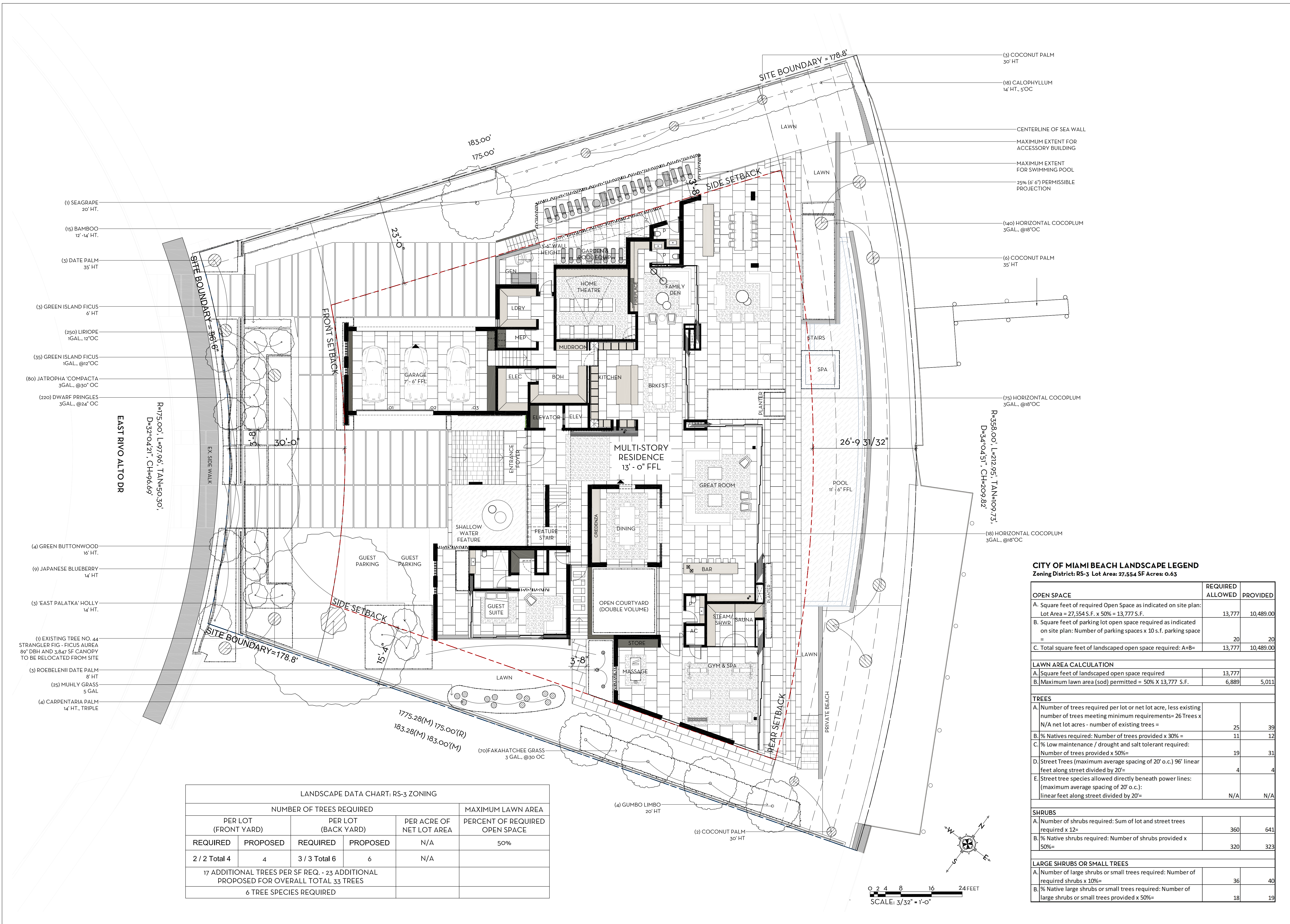




LANDSCAPE DATA CHART: RS-3 ZONING					
NUMBER OF TREES REQUIRED					MAXIMUM LAWN AREA PERCENT OF REQUIRED OPEN SPACE
PER LOT (FRONT YARD)		PER LOT (BACK YARD)		PER ACRE OF NET LOT AREA	
REQUIRED	PROPOSED	REQUIRED	PROPOSED	N/A	50%
2 / 2 Total 4	4	3 / 3 Total 6	6	N/A	
17 ADDITIONAL TREES PER SF REQ. - 23 ADDITIONAL PROPOSED FOR OVERALL TOTAL 33 TREES					
6 TREE SPECIES REQUIRED					

CITY OF MIAMI BEACH LANDSCAPE LEGEND
Zoning District: RS-3 Lot Area: 27,554 SF Acres: 0.63

OPEN SPACE	REQUIRED ALLOWED	PROVIDED
A. Square feet of required Open Space as indicated on site plan: Lot Area = 27,554 S.F. x 50% = 13,777 S.F.	13,777	10,489.00
B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces x 10 s.f. parking space =	20	20
C. Total square feet of landscaped open space required: A+B=	13,777	10,489.00

LAWN AREA CALCULATION		
A. Square feet of landscaped open space required	13,777	
B. Maximum lawn area (sod) permitted = 50% X 13,777 S.F.	6,889	5,011

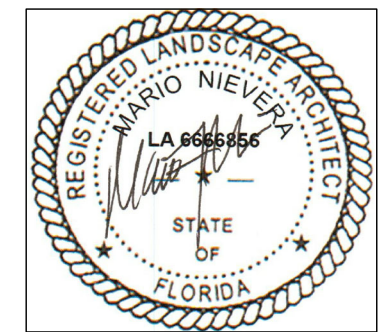
TREES		
A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= 26 Trees x N/A net lot acres - number of existing trees =	25	39
B. % Natives required: Number of trees provided x 30% =	11	12
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=	19	31
D. Street Trees (maximum average spacing of 20' o.c.) 96' linear feet along street divided by 20'=	4	4
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): linear feet along street divided by 20'=	N/A	N/A

SHRUBS		
A. Number of shrubs required: Sum of lot and street trees required x 12=	360	641
B. % Native shrubs required: Number of shrubs provided x 50%=	320	323

LARGE SHRUBS OR SMALL TREES		
A. Number of large shrubs or small trees required: Number of required shrubs x 10%=	36	40
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	18	19

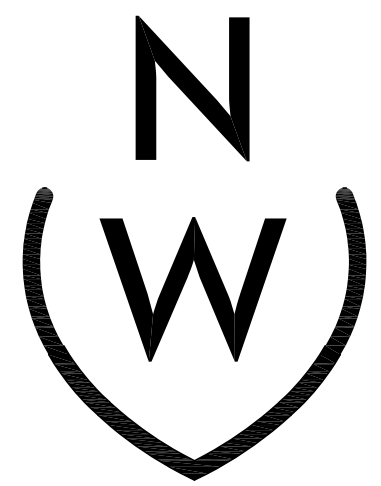
MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856



LANDSCAPE PLAN
KRASNOFF RESIDENCE
425-435 EAST RIVO ALTO DRIVE, MIAMI BEACH, FLORIDA

02 DEC 2019
06 NOV 2019
24 OCT 2019



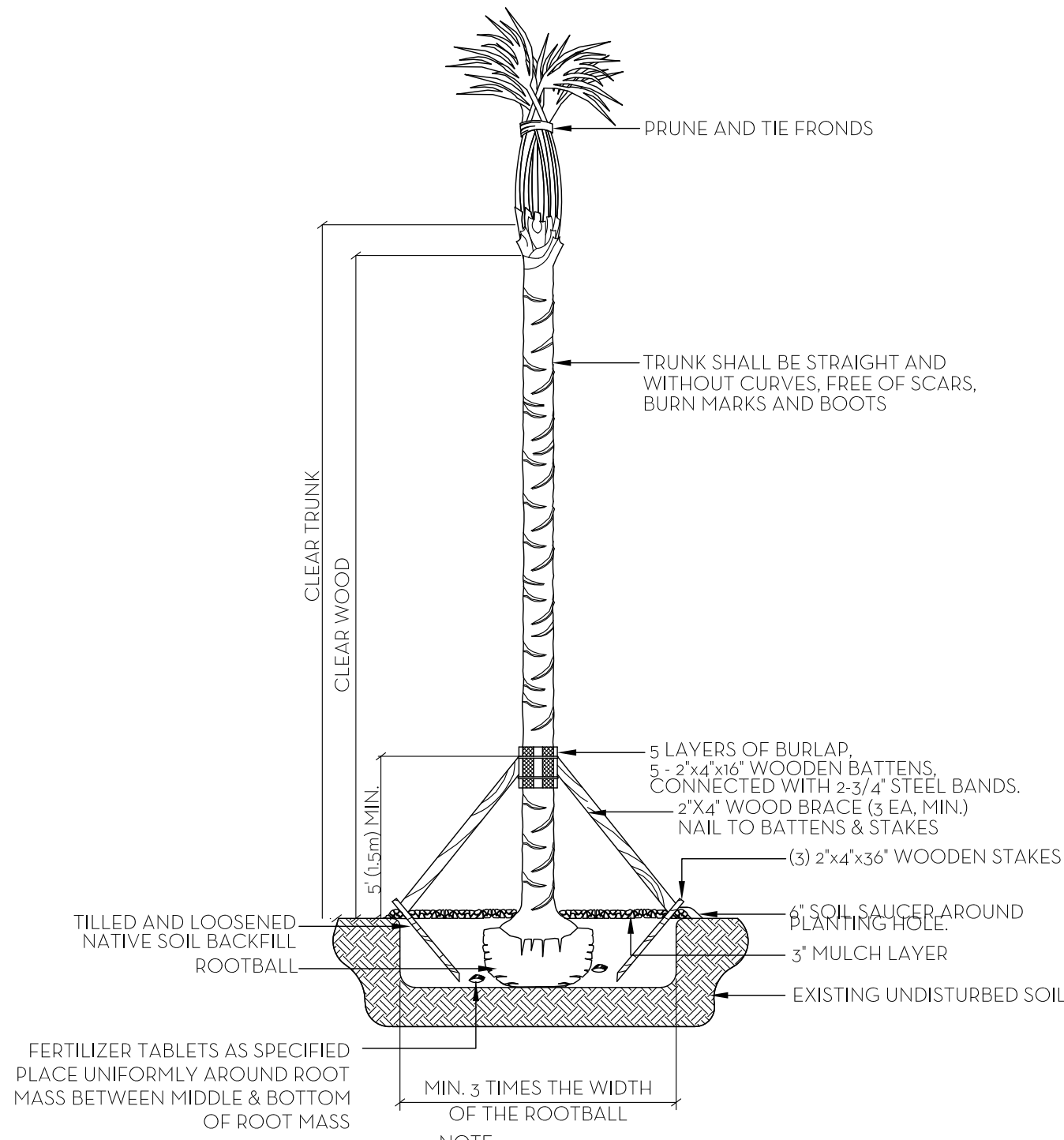
NIEVERA WILLIAMS
DESIGN

223 Sunset Avenue
Suite 150
Palm Beach, Florida 33480
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

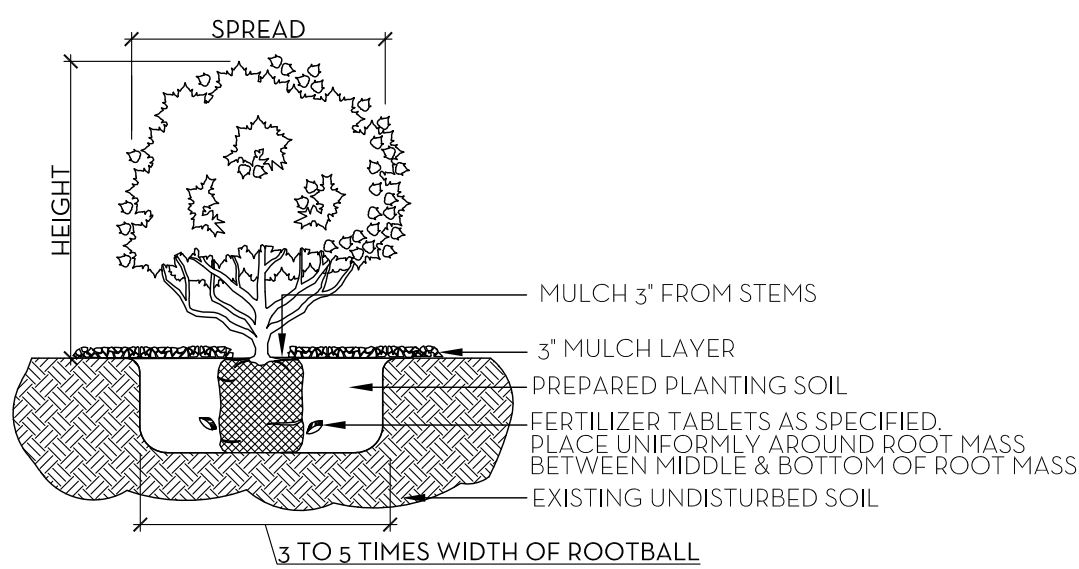
LP1

SCALE: 3/32" = 1'-0"



PALM PLANTING DETAIL

N.T.S.

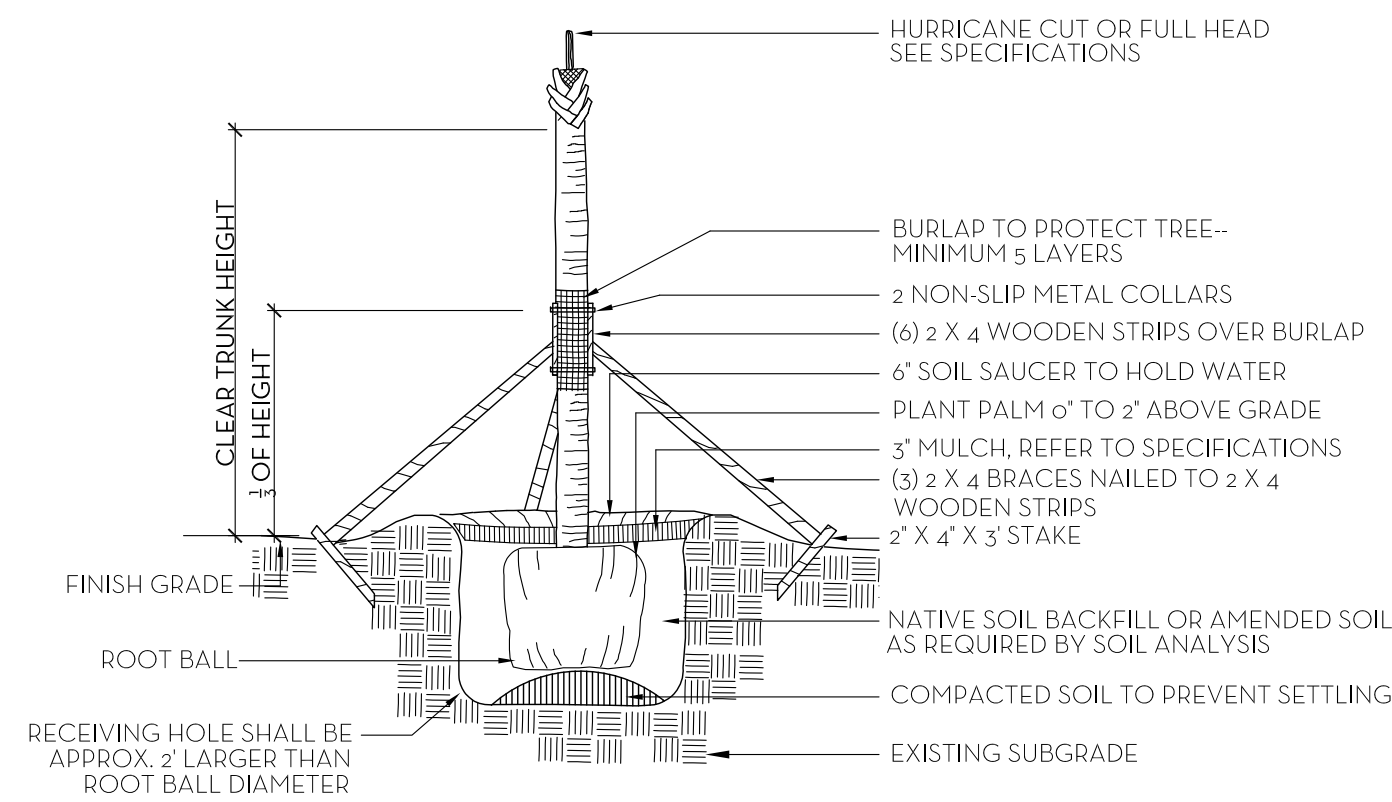


NOTE:
ALL MATERIAL TO BE FLORIDA #1 OR BETTER

SHRUB & GROUNDCOVER PLANTING DETAIL

N.T.S.

NOTE: BUD SHALL BE PERPENDICULAR TO GROUND PLANE. TRUNK SHALL BE STRAIGHT AND WITHOUT CURVES. NO SCARRED OR BLACKENED TRUNKS.



NOTES: STAKING & GUYING REQUIRED FOR PALMS, IF NECESSARY, OR AS DIRECTED BY THE LANDSCAPE ARCHITECT. ALL PLANT TO BE FLORIDA #1 OR BETTER

PALM TREE PLANTING AND STAKING DETAIL

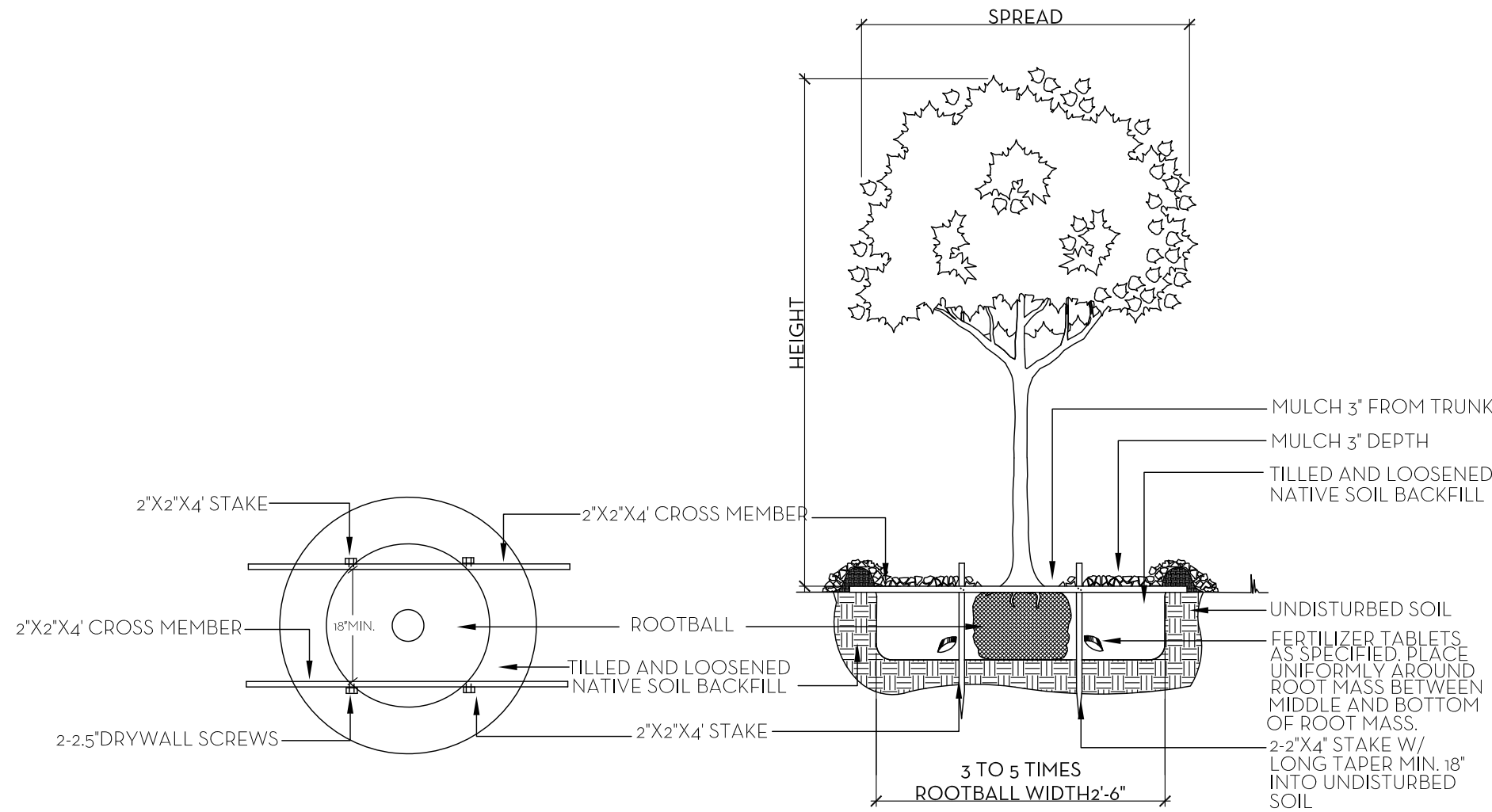
N.T.S.

FERTILIZATION

SHRUBS AND TREES
ALL TREES AND SHRUBS SHALL BE FERTILIZED WITH "AGRIFORM" 20-15-5 PLANTING TABLETS AT TIME OF INSTALLATION AND PRIOR TO COMPLETION OF PIT BACKFILLING. TABLETS SHALL BE PLACED UNIFORMLY AROUND THE ROOT MASS OF A DEPTH THAT IS BETWEEN THE MIDDLE AND BOTTOM OF THE ROOT MASS.
APPLICATION RATE:
1 GALLON CAN: 1 - 21 GRAM TABLET
3 GALLON CAN: 2 - 21 GRAM TABLETS
5 GALLON CAN: 3 - 21 GRAM TABLETS
7 GALLON CAN: 4 - 21 GRAM TABLETS
TREES:
PALMS: 3 - 21 GRAM TABLETS EACH 1/2" OF CALIPER
GROUND COVER AREAS
ALL GROUND COVER AREAS SHALL RECEIVE FERTILIZATION WITH "OZMOCOTE" TIME RELEASE FERTILIZER AS PER MANUFACTURER'S SPECIFICATIONS.

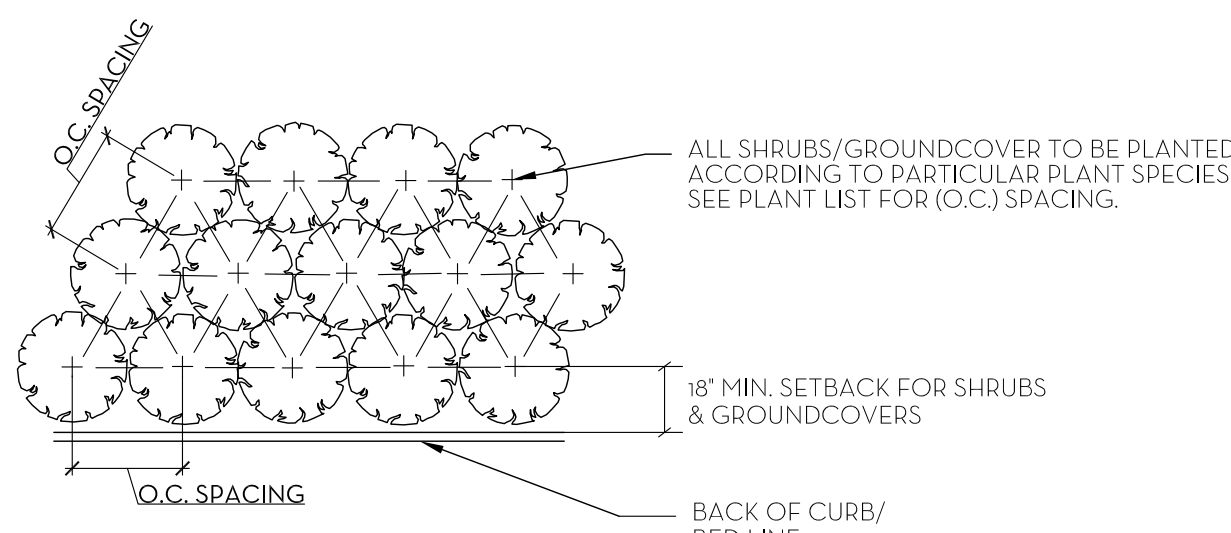
NOTES:

1. ALL WOOD SHALL BE SPRUCE OR PINE-NOT PRESSURE TREATED.
2. CROSS TIES SHALL NOT CROSS OVER WOODY ROOTS.
3. REMOVE ALL STRING &/OR WIRE WRAPPED AROUND TRUNK.
4. REMOVE ALL STRAPS, ROPES, WIRE, &/OR STRINGS USED TO LIFT THE ROOTBALL.
5. REMOVE ALL BURLAP &/OR WIRE FROM THE TOP OF THE ROOT BALL.
6. TOP OF ROOTBALL TO BE SET 2" BELOW FINISH SURROUNDING FINISH GRADE.



TREE PLANTING DETAIL

N.T.S.

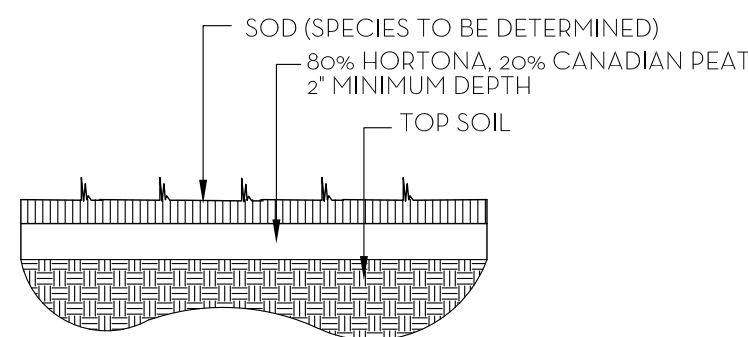


NOTE:
ALL PLANT TO BE FLORIDA #1 OR BETTER

PLANT SPACING DETAIL

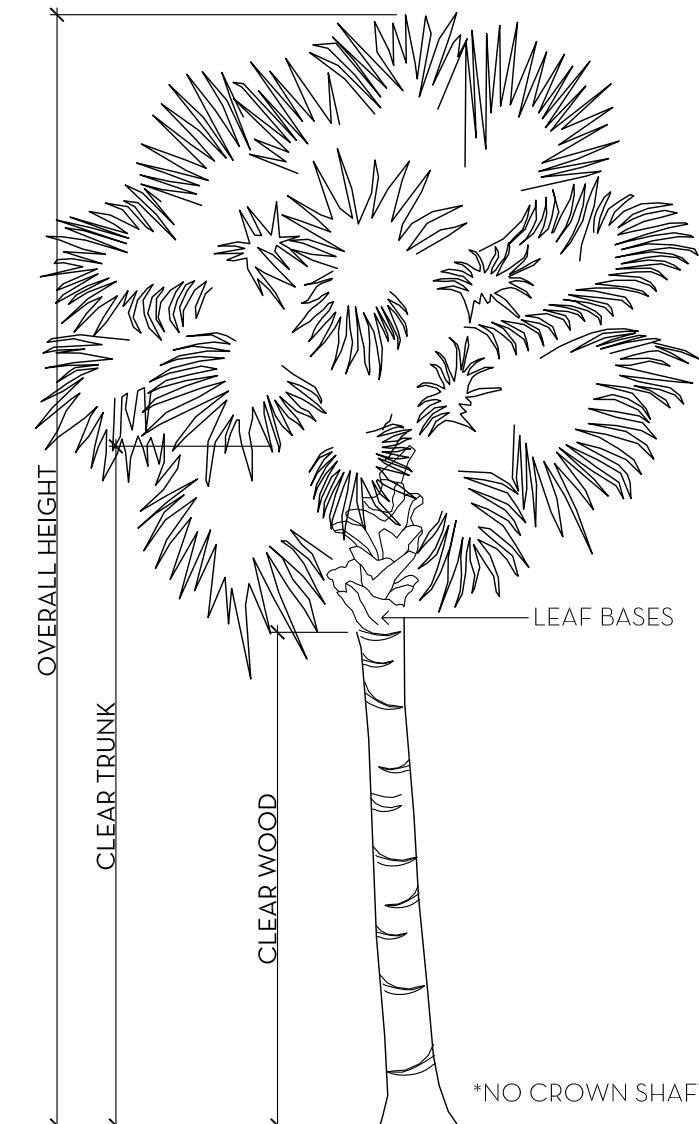
N.T.S.

- SOD NOTES:
1. ROUGH GRADE PROVIDED BY CONTRACTOR 4"-5" BELOW GRADE
 2. RAKE AND REMOVE ALL CONSTRUCTION DEBRIS
 3. PRIOR TO LAYING SOD ADD 80% HORTANA AND 20% CANADIAN PEAT, 2" MIN.
 4. AFTER LAYING SOD APPLY NECESSARY PESTICIDES AND FUNGICIDES.
 5. IRRIGATE REGULARLY, REFER TO IRRIGATION DRAWINGS



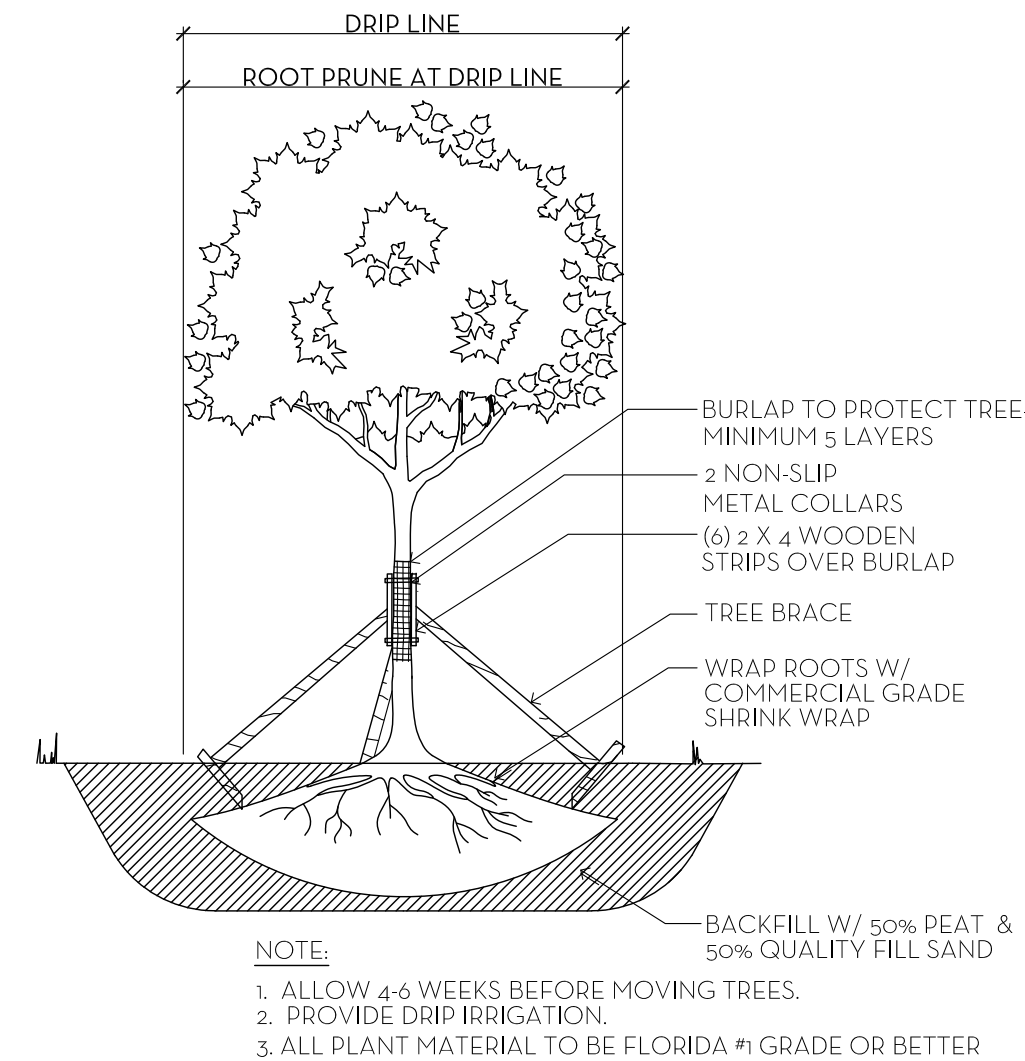
SOD PLANTING DETAIL

N.T.S.



PALM SPECIFICATION DETAIL

N.T.S.



TREE ROOT PRUNING DETAIL

N.T.S.

PLANT AND MATERIALS LIST						
NO.	COMMON NAME	BOTANICAL NAME	FL. FR.	NATIVE	QTY	SPECIFICATION
TREES						
1	JAPANESE BLUEBERRY	ELAEOCARPUS DECIPENS			8	14' HT.
2	CALOPHYLLUM	CALOPHYLLUM BRASIENSE	Y		18	14' HT.
3	GUMBO LIMBO	BURSERA SIMARUBA	Y	Y	4	20' HT.
4	GREEN BUTTON WOOD	CONOCARPUS ERECTUS	Y	Y	4	16' HT.
5	SEA GRAPE	COCCOLOBA UVIFERA		Y	1	20' HT.
6	'EAST PALATKA' HOLLY	ILEX X ATTENUATA 'EAST PALATKA'		Y	3	14' HT.
PALMS						
7	PYGM DATE PALM	PHOENIX ROEBELII			3	8'-10' CT, CURVED TRUNK
8	DATE PALM	PHOENIX DACTYLIFERA 'MEDJOOL'			5	35' HT.
9	COCONUT PALM	COCOS NUCIFERA			6	35' HT.
10	COCONUT PALM	COCOS NUCIFERA			5	30' HT.
11	CARPENTARIA PALM	CARPENTARIA ACUMINATA			4	14' HT., TRIPLE
HEDGE / SHRUB						
12	BAMBOO	BAMBOO SPP.	Y		15	12' -14' HT.
13	GREEN ISLAND FICUS	FICUS MICROCARPA 'GREEN ISLAND'	Y		3	6' HT
14	JATROPHA 'COMPACTA'	JATROPHA INTEGERRIMA 'COMPACTA'	Y		80	3 GAL., @30" OC
15	DWARF PRINGLES	PODOCARPUS MACROPHYLLUS 'DWARF PRINGLES'			220	3 GAL., @24" OC
16	MUHL Y GRASS	MUHLENBERGIA CAPILLARIS	Y	Y	20	5 GAL
17	FAKAHATCHEE GRASS	TRIPSACUM FLORIDANA	Y	Y	70	3 GAL., @30 OC
18	'HORIZONTAL' COCOPLUM	CHRYSOBALANUS ICACO 'HORIZONTAL'	Y	Y	233	3 GAL., @18" OC
GROUND COVER / VINES						
19	LIRIOPE	LIRIOPE MUSCARI 'EMERALD GODDESS'			250	1 GAL., 12" OC
SOD						
20	DIAMOND ZOYSIA	ZOYSIA TENUIFOLIA 'DIAMOND'			7,100 S.F.	PROVIDE 2" 80/20, HAND ROLL, TOP DRESS, BASE SOIL MIX, CONTRACTOR TO FV QUANTITY

MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

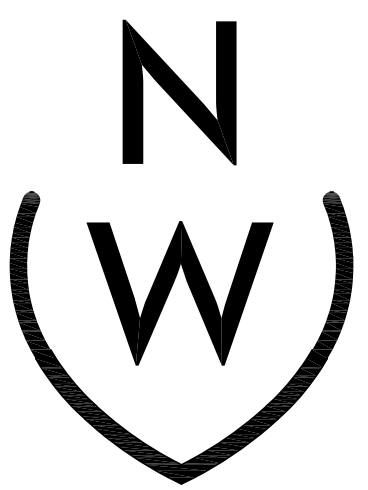


PLANT LIST AND DETAILS

KRASNOFF RESIDENCE

425-435 EAST RIVO ALTO DRIVE, MIAMI BEACH, FLORIDA

02 DEC 2019
06 NOV 2019
24 OCT 2019

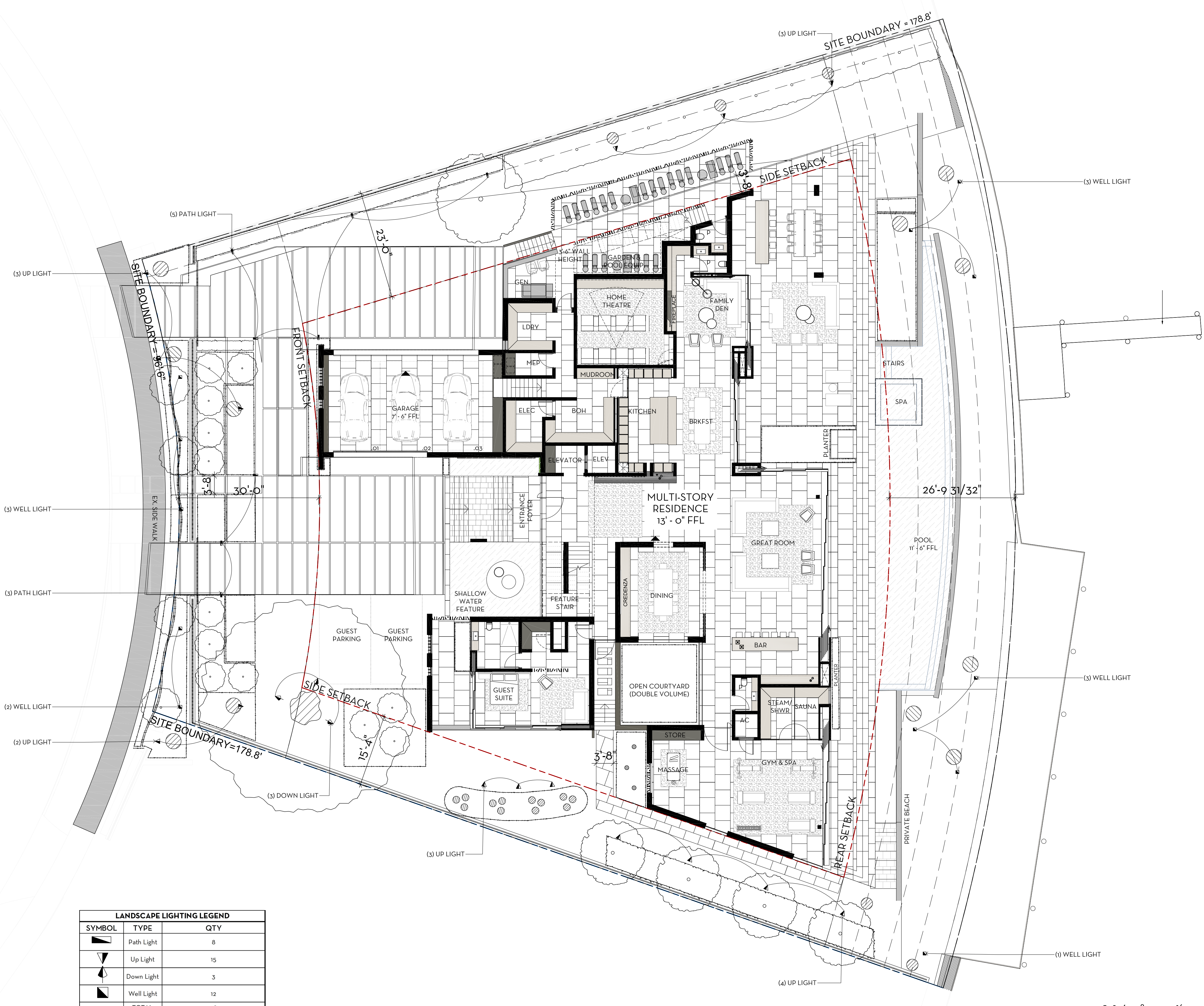


NIEVERA WILLIAMS
DESIGN

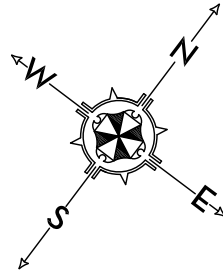
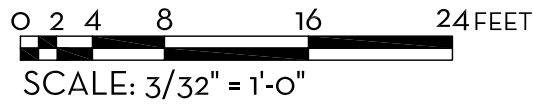
223 Sunset Avenue
Suite 150
Palm Beach, Florida 33480
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

LP2



LANDSCAPE LIGHTING LEGEND		
SYMBOL	TYPE	QTY
	Path Light	8
	Up Light	15
	Down Light	3
	Well Light	12
	TOTAL	38



MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

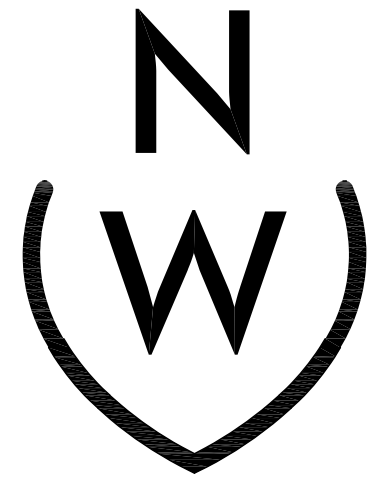


LIGHTING PLAN

KRASNOFF RESIDENCE

425-435 EAST RIVO ALTO DRIVE, MIAMI BEACH, FLORIDA

02 DEC 2019
06 NOV 2019
24 OCT 2019



NIEVERA WILLIAMS
DESIGN

223 Sunset Avenue
Suite 150
Palm Beach, Florida 33480
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM



SCALE: 3/32" = 1'-0"



Model: **Titan**

Forever Bright

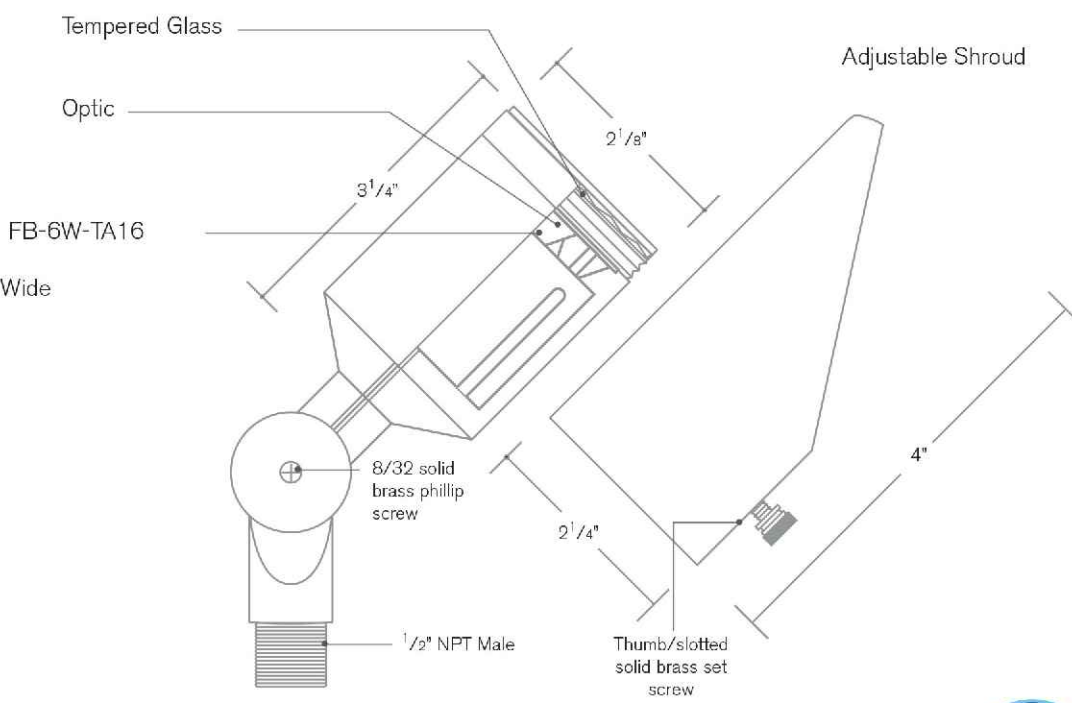
SPECIFICATION FEATURES

- Finish:** Our naturally etched finishes will withstand the test of time. All finishes are individually treated insuring consistency. Our meticulous application results in a fixture that truly becomes "a one of a kind".
- Electrical:** Available in 12V-15V or 120V
- Labels:** ETL Standard Wet Label
C-ETL

Directional Light

DESCRIPTION

Model#: Titan
Material: Solid Brass
Finish: Matte Bronze
Electrical: 12V-15V or 120V
Engine: FB-6W-TA16
Lumens: 300
Color Temp: 2700K
Optic: Spot, Flood, Wide Flood, Wide Angle Flood
Mounting: 1/2" NPT,



ORDERING INFORMATION

Model#	Finishes	Wattage	Optics	Lumens	Color Temp.	Electrical
TITAN	MBR	8W	FLOOD	580	2700K	12V-15V
V = Verde M = Moss AG = Aged Brass MBR = Matte Bronze SB = Satin Brass GM = Gun Metal B = Black R = Rusty PVP = PVD Polished PVS = PVD Satin						
8W Spot Flood Wide Flood Wide Angle Flood 300 580 2700K 400K 500K 12V-15V 120V						

WWW.SPJLIGHTING.COM



Model: **SPJ-SQ100-1**
Finish: PVD Graphite

Forever Bright

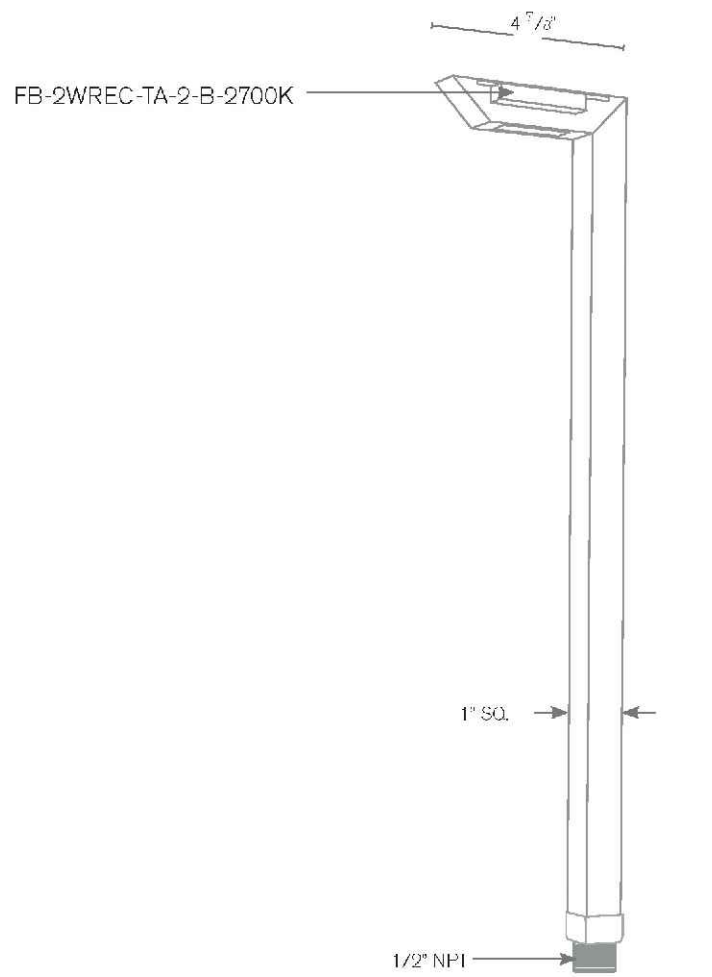
SPECIFICATION FEATURES

- Finish:** Our naturally etched finishes will withstand the test of time. All finishes are individually treated insuring consistency. Our meticulous application results in a fixture that truly becomes "a one of a kind".
- Electrical:** Available in 9-15V
- Labels:** ETL Standard Wet Label
C-ETL

Contemporary Path Light

DESCRIPTION

Model#: SPJ-SQ100-1
Material: Solid Brass
Electrical: 9-15V
Engine: FB-2WREC-TA-2-B-2700K
Lumens: 125
Color Temp: 2700K
Mounting: 1/2" NPT,
LED: Nichia



ORDERING INFORMATION

Model#	Finishes	Wattage	Lumens	Color Temp.	Electrical
SPJ-SQ100-1	PVDG	2W	125	2700K	9-15V
V = Verde M = Moss AG = Aged Brass MBR = Matte Bronze SB = Satin Brass GM = Gun Metal B = Black R = Rusty PVP = PVD Polished PVS = PVD Satin					
2W 125 2700K 400K 6500K 9-15V					

WWW.SPJLIGHTING.COM



Model: **SPJ-MW1000-P-SH**
Finish: Matte Bronze

Forever Bright

SPECIFICATION FEATURES

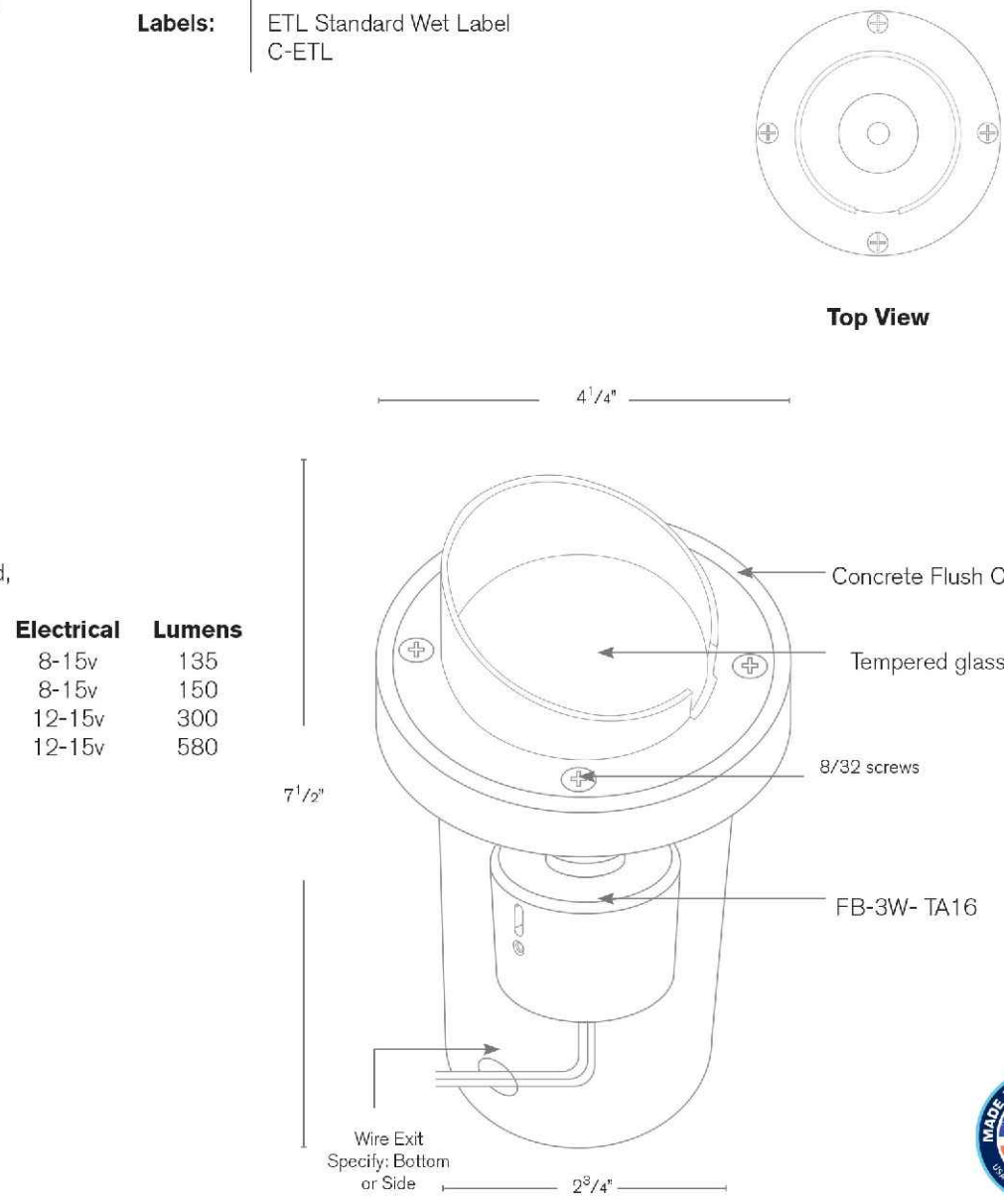
- Finish:** Our naturally etched finishes will withstand the test of time. All finishes are individually treated insuring consistency. Our meticulous application results in a fixture that truly becomes "a one of a kind".
- Electrical:** Available in 8-15V, 12-15V, 120V
- Labels:** ETL Standard Wet Label
C-ETL

Well Light w/Shroud

DESCRIPTION

Model#: SPJ-MW1000-P-SH
Material: Solid Brass
Finish: Matte Bronze
Color Temp: 2700K
Optic: Spot, Flood, Wide Flood, Wide Angle Flood
Lamp: FB-2W-TA16
Options: FB-3W-TA16
FB-6W-TA16
FB-8W-TA16

Mounting: Concrete Flush Out
120V option available



ORDERING INFORMATION

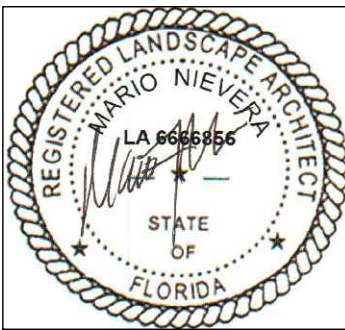
Model#	Finishes	Wattage	Optics	Lumens	Color Temp.	Electrical
SPJ-MW1000 P-SH	MBR	8W	SPOT	580	2700K	8-15V
V = Verde M = Moss AG = Aged Brass MBR = Matte Bronze SB = Satin Brass GM = Gun Metal B = Black R = Rusty PVP = PVD Polished PVS = PVD Satin						
2W 3W 6W 8W Spot Flood Wide Flood Wide Angle Flood 135 180 300 580 2700K 2700K 400K 650K 8-15V 12V 120V						

WWW.SPJLIGHTING.COM

LANDSCAPE LIGHTING FIXTURE SCHEDULE											
SYMBOL	DETAIL	TYPE	QUANTITY	MANUFACTURER	MODEL	VOLTAGE	LAMP TYPE	FINISH	ORDER NUMBER	OPTIONS/ACCESSORIES	MOUNTING HT.
	1	LED PATH LIGHT	8	SPJ LIGHTING	SPJ-SQ100-1	12VAC	2W / 125 LUMENS 2700K	MATTE BRONZE	SPJ-MW1000 P-SH-MBR-3W-150-2700K-8-15V	DIMMABLE, LV TRANSFORMER REQ., PROVIDE BRASS PERMA-POST AS SPECIFIED	AT GRADE
	2	LED ACCENT UP LIGHT	15	SPJ LIGHTING	TITAN	12VAC	8W/ 580 LUMENS 2700K	MATTE BRONZE	TITAN-MBR-8W-FLOOD-580-2700K-12-15V	DIMMABLE, LV TRANSFORMER REQUIRED	AT GRADE
	3	LED ACCENT DOWN LIGHT	3	SPJ LIGHTING	TITAN	12VAC	8W/ 580 LUMENS 2700K	MATTE BRONZE	TITAN-MBR-8W-FLOOD-580-2700K-12-15V	DIMMABLE, LV TRANSFORMER REQUIRED, TREE STRAP	AT GRADE
	4	LED WELL LIGHT - SQUARE	12	SPJ LIGHTING	SPJ-MW1000-P-SH	12VAC	3W/ 105 LUMENS 2700K	MATTE BRONZE	SPJ-SQ100-1-MBR-2W-125-2700K-9-15V	DIMMABLE, LV TRANSFORMER REQUIRED	AT GRADE

MARIO F. NIEVERA

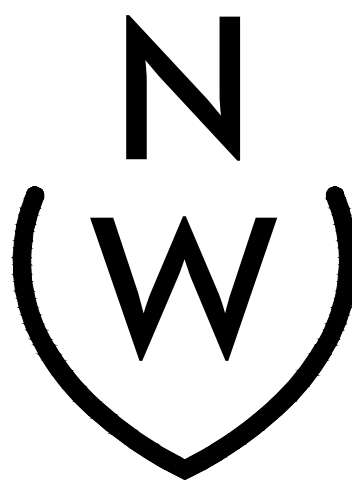
State of Florida
Landscape Architect
Registration No.
6666856



LIGHTING PLAN
KRASNOFF RESIDENCE

425-435 EAST RIVO ALTO DRIVE, MIAMI BEACH, FLORIDA

02 DEC 2019
06 NOV 2019
24 OCT 2019



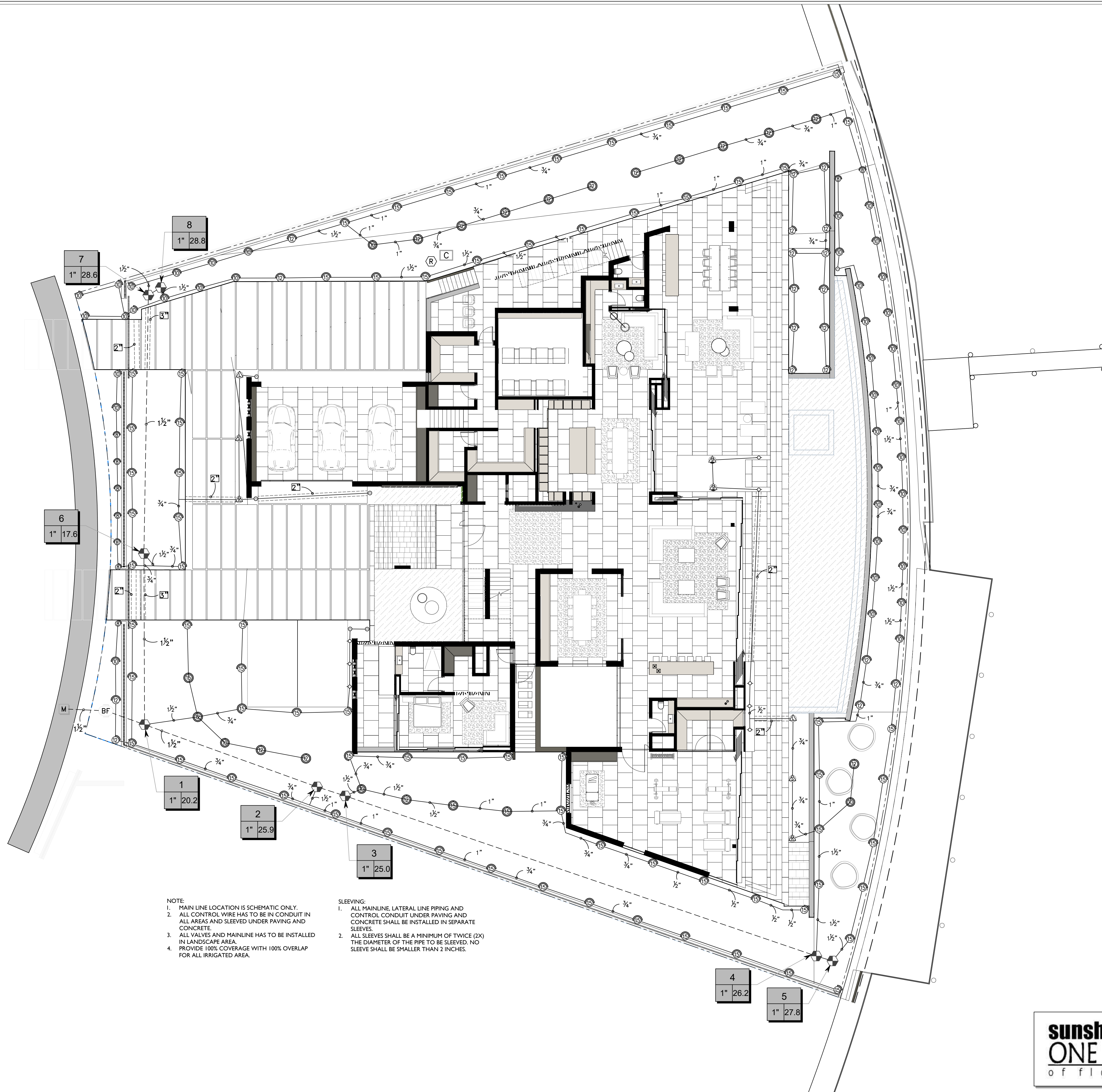
NIEVERA WILLIAMS
DESIGN

223 Sunset Avenue
Suite 150
Palm Beach, Florida 33480
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

LL2

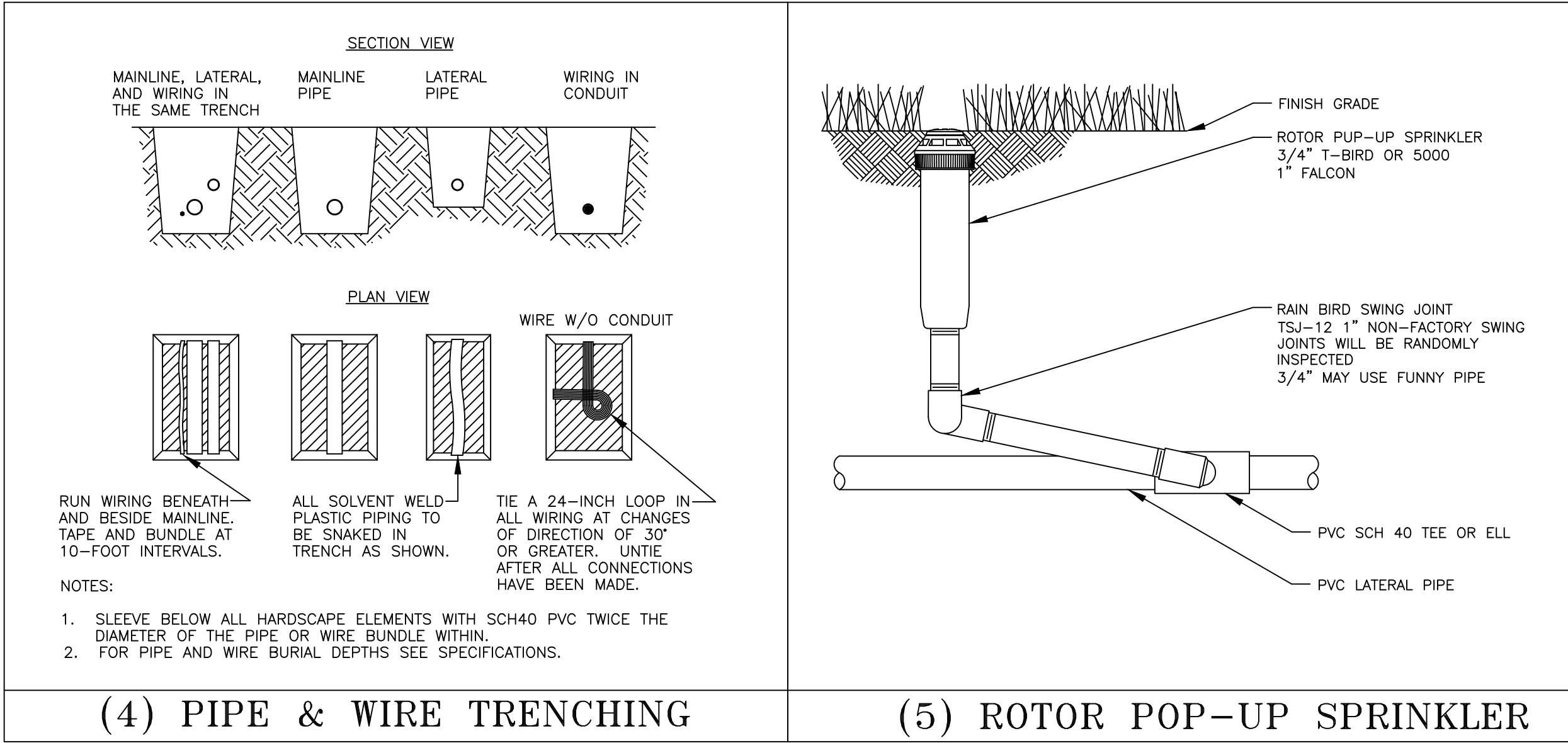
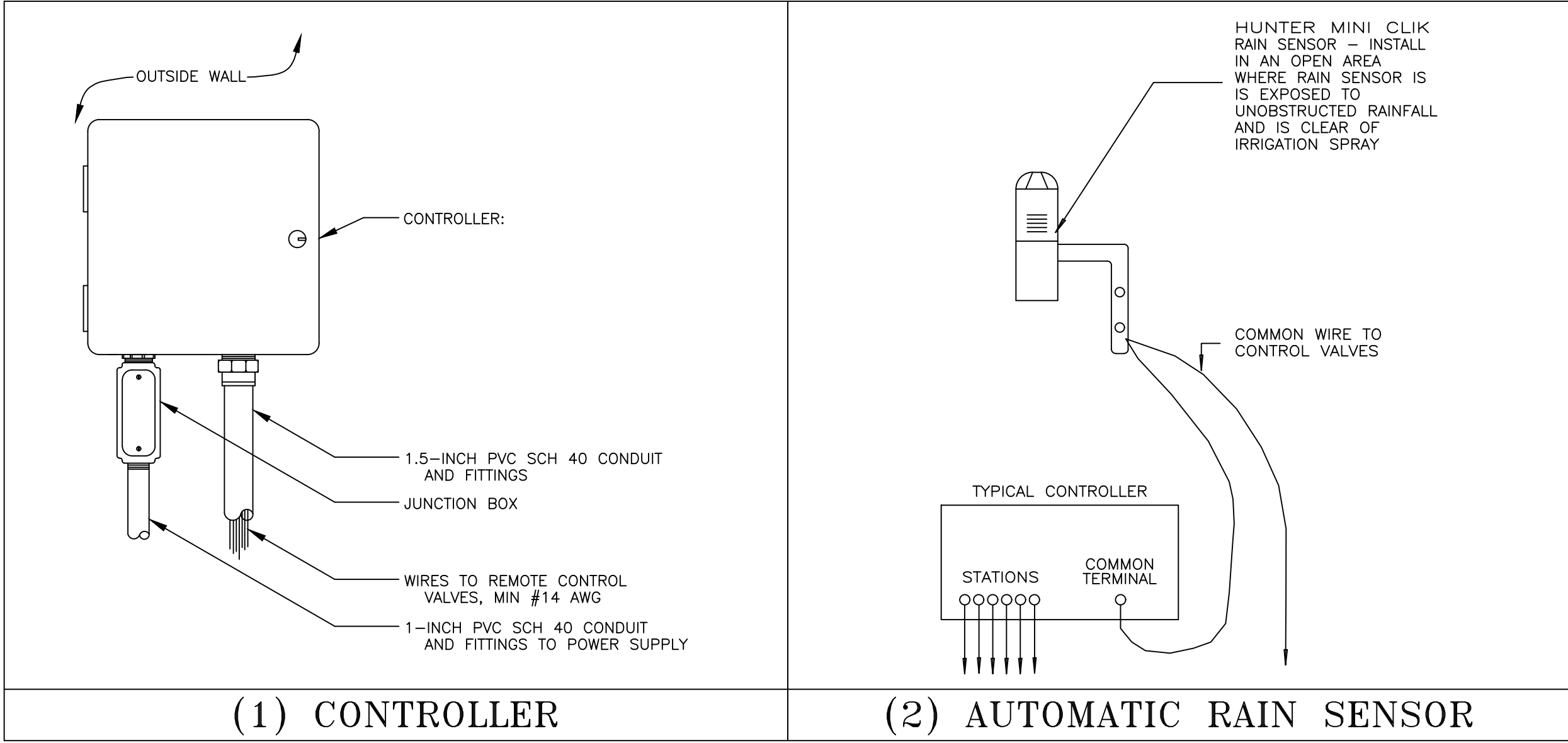
SCALE: 3/32" = 1'-0"



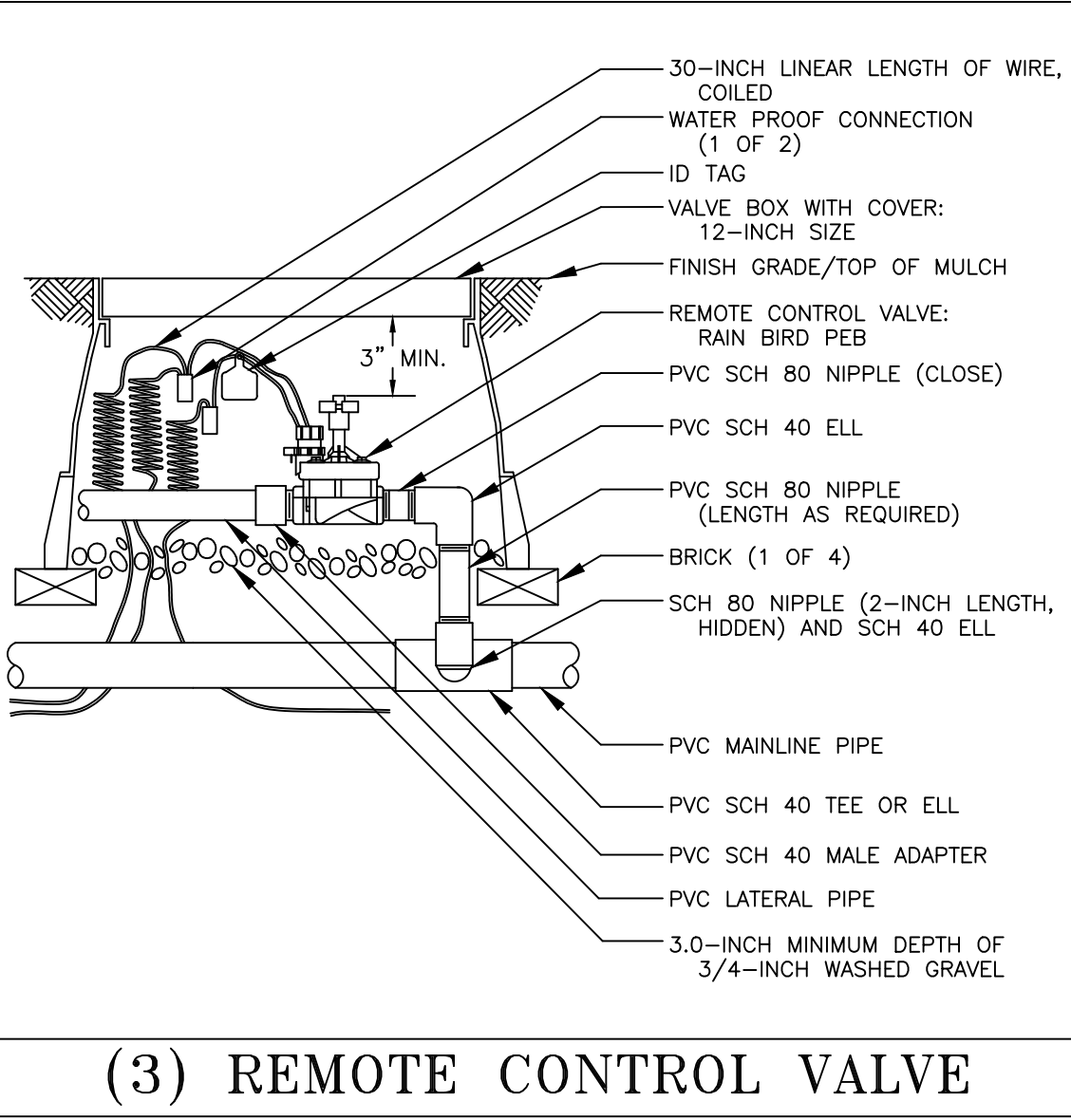
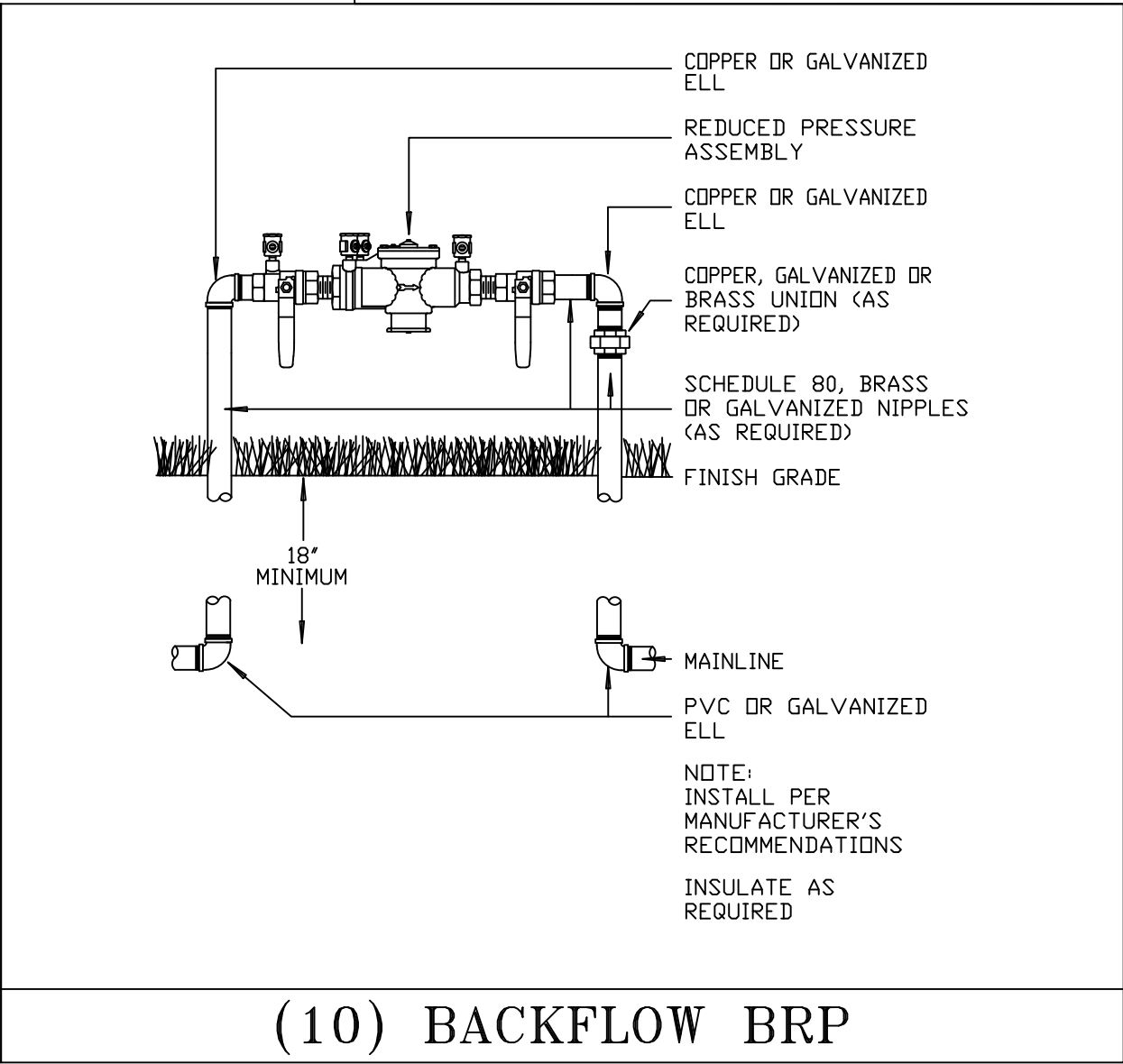
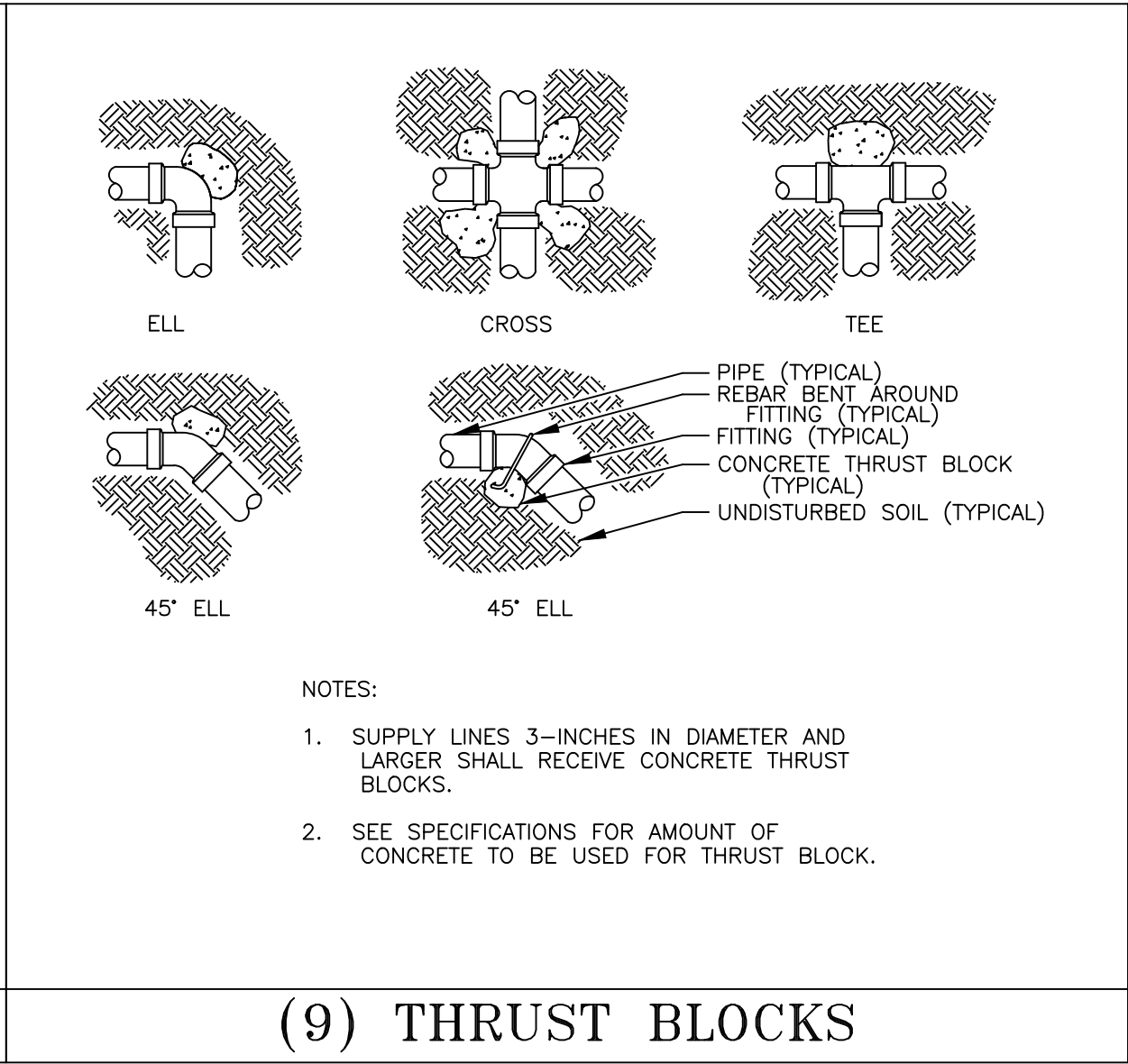
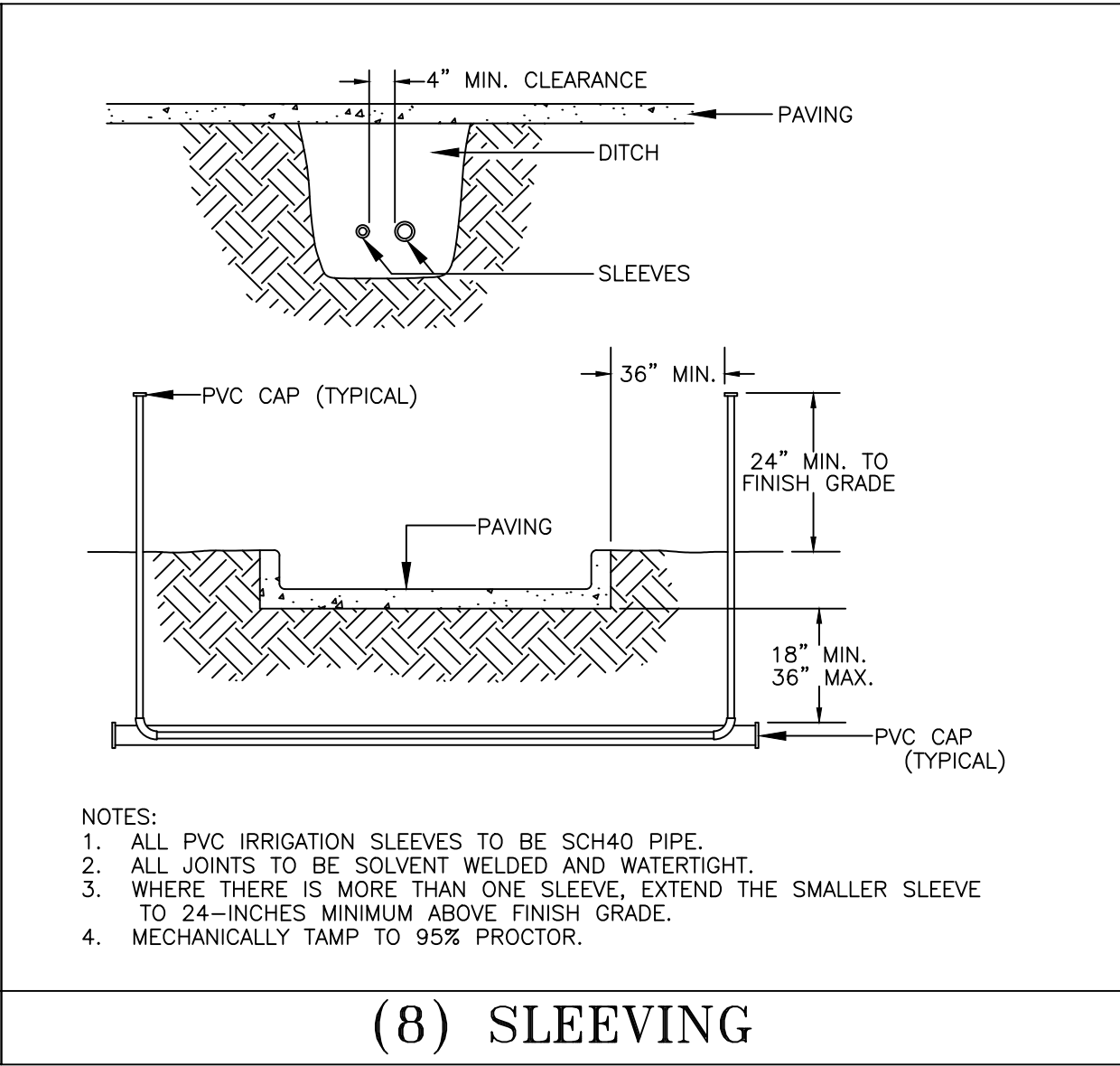
NOTE:
1. MAIN LINE LOCATION IS SCHEMATIC ONLY.
2. ALL CONTROL WIRE HAS TO BE IN CONDUIT IN ALL AREAS AND SLEEVED UNDER PAVING AND CONCRETE.
3. ALL VALVES AND MAINLINE HAS TO BE INSTALLED IN LANDSCAPE AREA.
4. PROVIDE 100% COVERAGE WITH 100% OVERLAP FOR ALL IRRIGATED AREA.

SLEEVING:
1. ALL MAINLINE, LATERAL LINE PIPING AND CONTROL CONDUIT UNDER PAVING AND CONCRETE SHALL BE INSTALLED IN SEPARATE SLEEVES.
2. ALL SLEEVES SHALL BE A MINIMUM OF TWICE (2X) THE DIAMETER OF THE PIPE TO BE SLEEVED. NO SLEEVE SHALL BE SMALLER THAN 2 INCHES.





Depth of coverage per Florida Building Code amended appendix F	
FOR NONTRAFFIC AND NONCULTIVATED AREAS:	
Pipe Diameter	Minimum depth of Cover
½" through 1 ¼"	6" – 12"
1 ½" through 2"	12" – 18"
2 ½" through 3"	18" – 24"
6" and larger	24" – 36"
FOR VEHICLE TRAFFIC AREAS:	
Pipe Diameter	Minimum depth of Cover
½" through 2 ½"	18" – 24"
3" through 5"	24" – 30"
6" and larger	30" – 36"



- CONTRACTOR MUST COMPLY WITH FLORIDA BUILDING CODE AMENDED APPENDIX F:
- NO PRODUCT SUBSTITUTIONS OR CHANGES WILL BE ALLOWED WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE OWNER AND THE IRRIGATION CONSULTANT.
- GENERAL NOTES
- All mainline, lateral line and control wire conduit under paving shall be installed in separate sleeves. Sleeves shall be a minimum of twice (2X) the diameter of the pipe to be sleeved.
 - Pipe sizes shall conform to those shown on the drawings. No substitutions of smaller pipe sizes shall be permitted, but substitutions of larger sizes may be approved. All damaged and rejected pipe shall be removed from the site at the time of said rejection.
 - Install all backflow prevention devices and all piping between the point of connection and the backflow preventer as per local codes.
 - Final location of the backflow preventer and automatic controller shall be approved by the owner's authorized representative.
 - 120 VAC electrical power source at controller location shall be provided by others. The electrical contractor shall make the final connection from the electrical source to the controller.
 - All sprinkler heads shall be set perpendicular to finish grade unless otherwise specified.
 - The irrigation contractor shall flush and adjust all sprinkler heads and valves for optimum spray with minimal overspray onto walks, streets, walls, etc.
 - This design is diagrammatic. All piping, valves, etc., shown within paved areas is for design clarification only and shall be installed in planting areas wherever possible. The contractor shall locate all valves in shrub areas where possible.
 - It is the responsibility of the irrigation contractor to familiarize himself with all grade differences, location of walls, retaining walls, structures and utilities. The irrigation contractor shall repair or replace all items damaged by his work. He shall coordinate his work with other contractors for the location and installation of pipe sleeves through walls, under roadways and paving, etc.
 - Do not willingly install the sprinkler system as shown on the drawings when it is obvious in the field that unknown obstructions, grade differences or differences in the area dimensions exist that might not have been considered in the engineering. Such obstructions or differences should be brought to the attention of the owner's authorized representative. In the event this notification is not performed, the irrigation contractor shall assume full responsibility for any revisions necessary.
 - All sprinkler equipment not otherwise detailed or specified shall be installed as per manufacturer's recommendations and specifications.
 - The irrigation contractor shall install check valves on all heads in areas where finish grade exceeds 4:1, where post valve shut-off draining, of the irrigation head occurs or as directed by the owner's authorized representative.
 - The contractor shall provide 1800 PCS (pressure compensating screens) as necessary to reduce or eliminate overspray onto streets, walks or other areas as directed by the owner's authorized representative.
 - All remote control valves, gate valves, quick couplers, control wire and computer cable pull points shall be installed in approved valves boxes with covers. All shall be marked indicating controller and station numbers for control valve boxes and/or titled in the equipment legend with 1" white heat braided letters.
 - All control wires shall be installed in PVC conduit, min #14 AWG.
 - Installer is required to conduct final testing and adjustment to achieve design specification prior to completion of the system and acceptance by the owner or owner's representative.
 - Contractor to provide owner with post construction documentation, including as-built drawings, recommended maintenance schedules and activities, operational schedule, design precipitation rates, system adjusting methods for decreasing water once landscape is established, water source and shutoff method and all operational guides for controller.
 - A map of the system shall be kept in a readily available location with details for operation.
 - If the water supply for irrigation system is a well water, a constant pressure flow control device of pressure tank is required to minimize pump "cycling".
 - Check valves must be installed at irrigation heads as needed to prevent low head drainage and puddling.
 - Nozzle precipitation rates for all heads within each valve circuit must be matched to within 20% of one another.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
○ ○ ○ ○ ○ ○ 20 2H 2F 4Q 4H 4F	Rain Bird 1812 SQ Series Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	6
△ △ △ △ △ △ EST LCS RCS CST SST	Rain Bird 1812 15 Strip Series Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	6
○ ○ ○ ○ ○ ○ Q T H F	Rain Bird 1812 8 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	9
△ △ SST	Rain Bird 1812 15 Strip Series Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	2
○ ○ ○ ○ ○ ○ Q T H F	Rain Bird 1812 10 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	44
○ ○ ○ ○ ○ ○ Q T H TQ F	Rain Bird 1812 12 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	34
○ ○ ○ ○ ○ ○ Q T H TQ F	Rain Bird 1812 15 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	77
○ ○ ○ ○ ○ ○ CST Q H F	Rain Bird 1812-5 Series Stream Stream Bubbler 12.0" popup. With Non-Potable Purple Cap.	8
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
⬢	Rain Bird DV Electric Remote Control Valve, Standard Configuration. Plastic residential in 3/4" or 1".	8
BF	Watts U009 1-1/2" Reduced Pressure Backflow Preventer	1
C	ESP-TM2 Series Controllers TM2-8-120V, 8 Zones ESP-TM2 Controller, Residential and Light commercial	1
R	Rain Bird RSD-CEx Rain Sensing Device, conduit mount. With threaded adapter, extension wire.	1
M	Water Meter 1"	1
— — — — —	Irrigation Lateral Line: PVC Class 160 SDR 26	1,827 l.f.
— — — — —	Irrigation Mainline: PVC Schedule 40	275.6 l.f.
- - - - -	Pipe Sleeve: PVC Schedule 40	125.7 l.f.
Valve Callout		
#	Valve Number	
#	Valve Flow	
#	Valve Size	

VALVE SCHEDULE NUMBER	MODEL	SIZE	TYPE	GPM	PSI	PSI @ POC	PRECIP
1	Rain Bird DV	1"	Shrub Spray	20.20	26.18	41.70	1.58 in/h
2	Rain Bird DV	1"	Shrub Spray	25.94	29.10	47.88	1.05 in/h
3	Rain Bird DV	1"	Shrub Spray	25.02	27.22	45.66	1.25 in/h
4	Rain Bird DV	1"	Shrub Spray	26.21	29.72	51.03	1.25 in/h
5	Rain Bird DV	1"	Shrub Spray	27.82	29.75	52.24	0.97 in/h
6	Rain Bird DV	1"	Shrub Spray	17.60	25.99	40.90	1.73 in/h
7	Rain Bird DV	1"	Shrub Spray	28.63	28.90	50.36	1.26 in/h
8	Rain Bird DV	1"	Shrub Spray	28.78	29.64	51.28	1.23 in/h

WATERING SCHEDULE NUMBER	MODEL	TYPE	PRECIP	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY
1	Rain Bird DV	Shrub Spray	1.58 in/h	1	39	787.8	262.6
2	Rain Bird DV	Shrub Spray	1.05 in/h	1	58	1,505	501.5
3	Rain Bird DV	Shrub Spray	1.25 in/h	1	49	1,226	408.7
4	Rain Bird DV	Shrub Spray	1.25 in/h	1	49	1,284	428.1
5	Rain Bird DV	Shrub Spray	0.97 in/h	1	62	1,725	574.9
6	Rain Bird DV	Shrub Spray	1.73 in/h	1	35	616	205.3
7	Rain Bird DV	Shrub Spray	1.26 in/h	1	48	1,374	458.1
8	Rain Bird DV	Shrub Spray	1.23 in/h	1	49	1,410	470.1
		TOTALS:			389	9,928	3,309

CONSULTING GABLES INC.
C.A. No. 28232
4437 W FLAGLER ST SUITE #8
CORAL GABLES, FL. 33134
V:(786)220-0083 F:(866)326-7843
services@consultingables.com

SHEET DESCRIPTION:
IRRIGATION PLAN
SCHEDULE & DETAILS

SEAL:

Damian Gonzalez PE.
PH: (305) 726-5669
P.E. No. 63910

PROJECT:
KRASNOFF RESIDENCE
425-435 EAST RIVO ALTO DRIVE
MIAMI BEACH, FLORIDA

REVISIONS:

DATE: 12/03/2019
DRAWN BY:
Damian Gonzalez PE.
CHECKED BY:

SCALE: SCALED AS SHOWN

SHEET: IP200