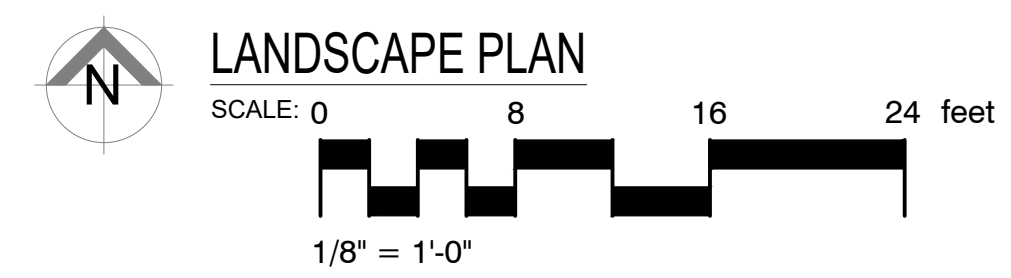


BAYSIDE LANE



Sunshine 811
 Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
 Check positive response codes before you dig!

LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS
 Zoning District RS-4 Lot Area 7,950 SF Acres 0.18

	REQUIRED/ALLOWED	PROVIDED
OPEN SPACE		
A. Square feet of required Open Space as indicated on site plan: Lot Area = <u>7,950</u> s.f. x <u>25</u> % = <u>1,987</u> s.f.	<u>1,987 SF</u>	<u>3,599.2SF</u>
B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces <u>N/A</u> x 10 s.f. parking space =	<u>N/A</u>	<u>N/A</u>
C. Total square feet of landscaped open space required: A+B=	<u>1,987 SF</u>	<u>3,599.2SF</u>
LAWN AREA CALCULATION		
A. Square feet of landscaped open space required	<u>1,987 SF</u>	<u>3,599.2SF</u>
B. Maximum lawn area (sod) permitted= <u>50</u> % x 3,599.2 s.f.	<u>1,800 SF</u>	<u>1,071 SF</u>
TREES		
A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= <u>5+2</u> trees x <u>N/A</u> net lot acres - number of existing trees=	<u>7</u>	<u>8</u>
B. % Natives required: Number of trees provided x 30% =	<u>3</u>	<u>6</u>
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=	<u>4</u>	<u>8</u>
D. Street Trees (maximum average spacing of 20' o.c.) <u>N/A</u> linear feet along street divided by 20' =	<u>N/A</u>	<u>N/A</u>
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): <u>53.00'</u> linear feet along street divided by 20' = 2.65	<u>3</u>	<u>3</u>
SHRUBS		
A. Number of shrubs required: Sum of lot and street trees required x 12=	<u>120</u>	<u>194</u>
B. % Native shrubs required: Number of shrubs provided x 50%=	<u>97</u>	<u>98</u>
LARGE SHRUBS OR SMALL TREES		
A. Number of large shrubs or small trees required: Number of required shrubs x 10%=	<u>12</u>	<u>27</u>
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	<u>14</u>	<u>27</u>

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	DBH	HGT	SRD	REMARKS
COU	7	Coccoloba uvifera	Sea Grape	45 gal	3"	12'-14' OA	6'	STD - Florida Native - Miami-Dade Landscape Manual - Very Drought Tolerant - Miami Beach Replacement Tree Category 1
JAC	1	Jacaranda mimosifolia	Jacaranda	45 gal	3"	12'-14' OA	6'	STD - Miami-Dade Landscape Manual - Very Drought Tolerant
TIM	1	Tabebuia impetiginosa	Pink Trumpet Tree	FG	2"	12' - 14' OA	5'-6"	STD - Miami-Dade Landscape Manual - Very Drought Tolerant
PALMS	QTY	BOTANICAL NAME	COMMON NAME	CONT	DBH	HGT	SRD	REMARKS
PLE	8	Ptychosperma elegans	Alexander Palm	45 gal	3"	14'-16' OA	8'	Miami-Dade Landscape Manual - Single Thick Shaft
SKL	5	Satakenia iliuikiensis	Satake Palm	B & B	20"	12' GW	16'	Single Thick Shaft
STREET TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	DBH	HGT	SRD	REMARKS
SSU	2	Senna suratanensis	Glauccous Cassia	65 gal	3"	12'-14' OA	6'-8"	Drought Tolerant / Listed in the Miami Dade Landscape Manual - Standard - 4' CT
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SRD	REMARKS	
AIM	7	Alcantarea imperialis	Imperial Bromeliad	7 gal	4'-5'	2'		
ACA	25	Alocasia x calidora	Calidora Alocasia	7 gal	4"	3'		
CMI	8	Caryota mitis	Fishtail Palm	45 gal	14'-16' OA	5'		
CBM	5	Colocasia esculenta 'Black Magic'	Black Taro	3 gal				
CER2	53	Conocarpus erectus	Green Buttonwood	15 gal	4'-5'	3'	Florida Native - Miami-Dade Landscape Manual - Drought Tolerant	
MOD	15	Monstera deliciosa	Ceriman	3 gal.	2.5' OA	2'	Miami-Dade Landscape Manual	
PXX	6	Philodendron 'Xanadu'	Xanadu Philodendron	7 gal.	2.5' OA	2.5'		
PRC	8	Philodendron x 'Rojo Congo'	Rojo Congo Philodendron	3 gal	2"	2'		
PMM	5	Podocarpus macrophyllus 'Maki'	Shrubby Yew	15 gal	5'-6' OA	2'		
REX	17	Rhapis excelsa	Lady Palm	7 gal.	3'-4' OA	3'	Shade Grown - Character Plant	
SER	23	Serenoa repens	Saw Palmetto	7 gal	18"-24" OA	18"-24"	Florida Native - Miami-Dade Landscape Manual - Drought Tolerant	
ZPU	22	Zamia pumila	Coontie	3 gal.	2"	2'	Florida Native - Miami-Dade Landscape Manual	
LARGE SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SRD	REMARKS	
CER1	27	Conocarpus erectus	Green Buttonwood	25 gal.	6'-7' OA	4'	Florida Native - Miami-Dade Landscape Manual - Drought Tolerant	
SHRUB AREAS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SRD	SPACING	
HD	212 sf	Hedera helix	English Ivy	1 gal.				
JCP	71	Juniperus chinensis 'Parsonii'	Parson's Juniper - 18" O.C.	3 gal.	1'	1.5'	20" o.c. Drought Tolerant	
NFA	89	Nephtrolepis falcata	Macho Fern	3 gal	2"	2'	24" o.c. Florida Native	
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SRD	SPACING	
MBP	1,072 sf	Mexican Black Pebbles	Black Pebbles	S.F.				
ZJE	1,071 sf	Zoysia japonica 'Empire'	Korean Grass	Sod				

ALL LANDSCAPE DATA INC
 Landscape (Architecture + Plant Information)
 (305) 303 7059 / 4459 NW 97 CT.
 Doral, FL 33178
 www.alllandscapedata.net
 www.alllandscapedata.com

DERICK LANCEL
 Landscape Architect LA666705
 ISA Certified Arborist FL6439A

REVISIONS:

PROJECT NAME
RHOUSE 5 LLC
7590 BAYSIDE LN
MIAMI BEACH, FLORIDA

SHEET INFORMATION:
 Drawing Size 24x36
 Project #: 2022-09-124 AI
 Drawn By: JV
 Checked By: DL
 Title:
LANDSCAPE PLAN
 Sheet Number:
L-01
 Date: - November 03, 2022



PLANT SCHEDULE

TREES	CODE	BOTANICAL NAME	COMMON NAME
	COU	Coccoloba uvifera	Sea Grape
	JAC	Jacaranda mimosifolia	Jacaranda
	TIM	Tabebuia impetiginosa	Pink Trumpet Tree
PALMS	CODE	BOTANICAL NAME	COMMON NAME
	PLE	Ptychosperma elegans	Alexander Palm
	SKL	Satakentia liukuensis	Satake Palm
STREET TREES	CODE	BOTANICAL NAME	COMMON NAME
	SSU	Senna suratensis	Glaucous Cassia
SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	AIM	Alcantarea imperialis	Imperial Bromeliad
	ACA	Alocasia x calidora	Calidora Alocasia
	CMI	Caryota mitis	Fishtail Palm
	CBM	Colocasia esculenta 'Black Magic'	Black Taro
	CER2	Conocarpus erectus	Green Buttonwood
	DIS	Dioon spinulosum	Mexican Cycad
	FFV	Furcraea foetida 'Variegata'	Variegated False Agave
	MOD	Monstera deliciosa	Ceriman
	PXX	Philodendron 'Xanadu'	Xanadu Philodendron
	PRC	Philodendron x 'Rojo Congo'	Rojo Congo Philodendron
	PMM	Podocarpus macrophyllus 'Maki'	Shrubby Yew
	REX	Rhapis excelsa	Lady Palm
	SER	Serenoa repens	Saw Palmetto
	ZPU	Zamia pumila	Coontie
LARGE SHRUBS	CODE	BOTANICAL NAME	COMMON NAME
	CER1	Conocarpus erectus	Green Buttonwood
SHRUB AREAS	CODE	BOTANICAL NAME	COMMON NAME
	HD	Hedera helix	English Ivy
	JCP	Juniperus chinensis 'Parsonii'	Parsoni Juniper - 18" O.C.
	NFA	Nephrolepis falcata	Macho Fern
GROUND COVERS	CODE	BOTANICAL NAME	COMMON NAME
	MBP	Mexican Black Pebbles	Black Pebbles
	ZJE	Zoysia japonica 'Empire'	Korean Grass

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 Landscape Architect LA668705
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REVISIONS:

PROJECT NAME
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MIAMI BEACH, FLORIDA

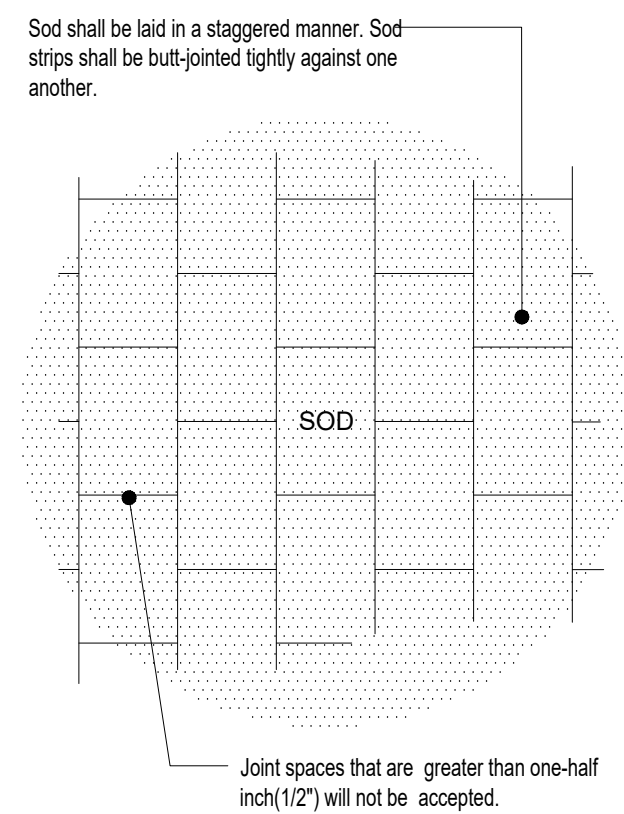
SHEET INFORMATION:
 Drawing Size 24x36
 Project #: 2022-09-124 AI
 Drawn By: JV
 Checked By: DL
 Title:
LANDSCAPE IMAGES
 Sheet Number:
L-02
 Date: - November 03, 2022

GENERAL NOTES

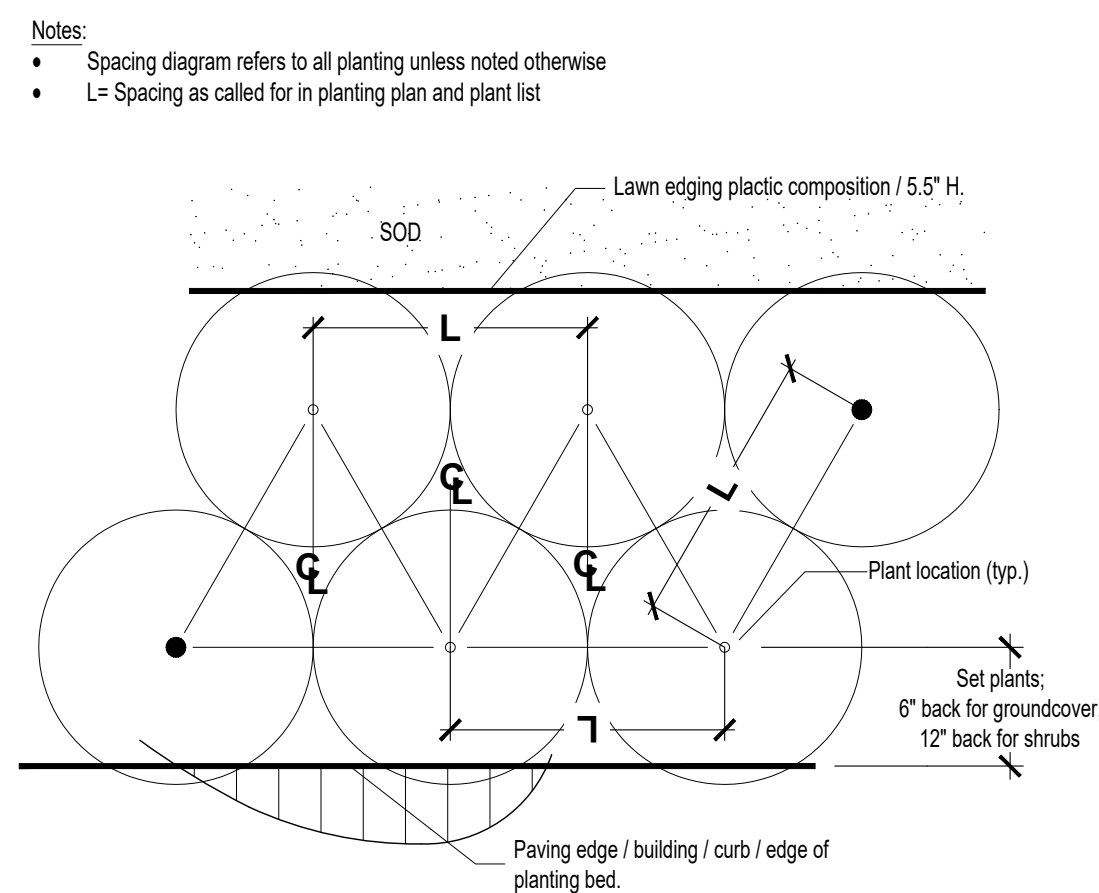
- Landscape Contractor is responsible for verifying locations of all underground and overhead utilities and easements prior to commencing work. All Utility companies and/or the General Contractor shall be notified to verify utility locations prior to digging. Utility trenching is to be coordinated with the Landscape plans prior to beginning of project. The Owner or Landscape Architect shall not be responsible for damage to utility or irrigation lines.
- Landscape Contractor shall examine the site and become familiar with conditions affecting the installation prior to submitting bids. Failure to do so shall not be considered cause for future extras or complaints.
- Landscape Contractor is responsible for verifying all plant quantities prior to bidding and within (7) seven calendar days of receipt of these plans shall notify the Landscape Architect in writing of any and all discrepancies. In case of discrepancies planting plans shall take precedence over plant list.
- No substitutions shall be made without prior consent of the Landscape Architect, City Urban Forester and or the Planning Department. Plant material supply is the responsibility of the Landscape Contractor, and he/she shall take steps to insure availability at time of planting.
- All plant material shall meet or exceed the size on the plant list. In all cases meeting the height and the spread specifications shall take precedence over container size.
- The Landscape Contractor is responsible for coordinating tree and palm removals and transplants shown on the Tree/Palm Disposition Plan. The Landscape Contractor is to remove and discard from site existing unwanted trees, palms, shrubs, groundcovers, sod and weeds within landscape areas.
- All planted areas to be outfitted with automatic irrigation system providing 100% coverage and 50% overlap. A rain sensor must be part of the irrigation system.
- Landscape contractor to provide finish grade 3" lower than FFE of all hardscapes, i.e. roads, walks, curbs, pavers, etc..... to accommodate 3" layer of mulch.
- All tree and Palm relocations shall be performed in accordance with ANSI A-300 (Part 6) standards and industry accepted good horticultural practices by an ISA Certified Arborist or ASCA Consulting Arborist.

PLANTING NOTES

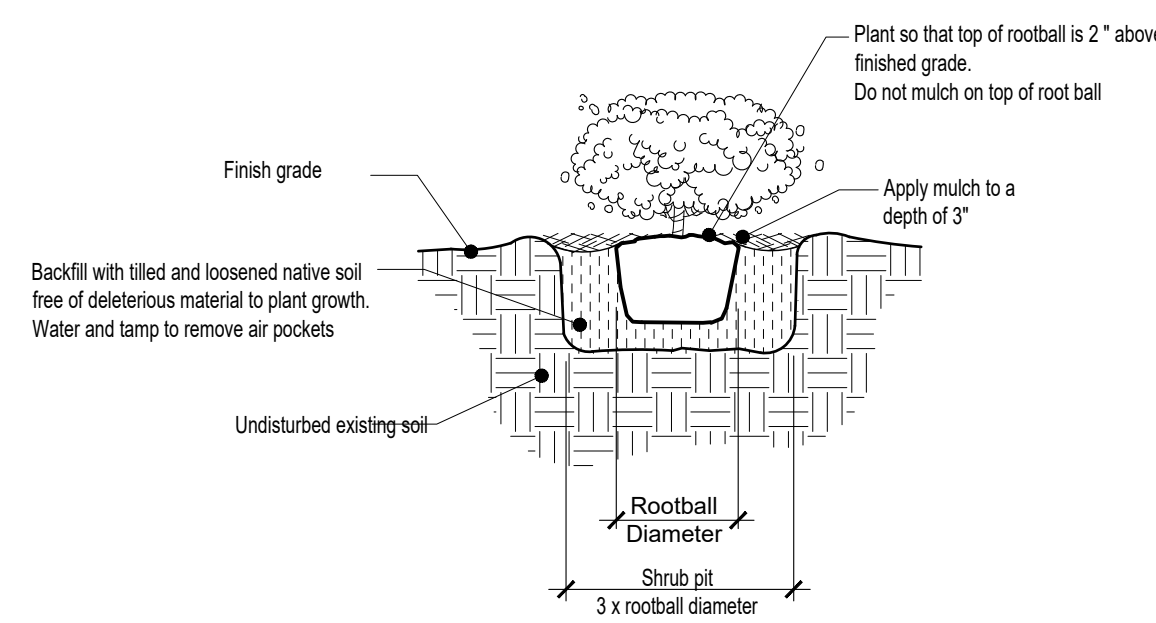
- Landscape Contractor shall furnish and install all trees, palms, shrubs, groundcover, sod, planting soil, fertilizer, herbicide, preemergence herbicide, seed, and mulch.
- Landscape Contractor shall guarantee all plant material for a period of one year from the day of final acceptance by the Landscape Architect.
- All plant material shall be Florida #1 or better, as defined in the Grades and Standards for Nursery Plants, Part I and II by the State of Florida Department of Agriculture.
- Material not meeting Florida #1 or better will not be accepted, Landscape Architect, City Urban Forester and or the Planning Department staff to approve ROW material before it is planted.
- Landscape Contractor shall coordinate his work with that of the Irrigation and Landscape Lighting Contractor.
- The Landscape Contractor shall treat plant areas with preemergence herbicide after weeds and grass have been removed. Landscape Contractor shall wait (7) seven days after preemergence treatment prior to planting.
- Planting soil shall be a mix of 30% inland muck and 70% freshwater sand. Planting soil mix/backfill shall be clean and free of construction debris, weeds, rock and noxious pests and disease.
- All soil mix in plant beds for groundcovers, shrubs, palms and trees shall be as per details. All other areas shall be dressed with a minimum of 4" topsoil.
- All planting areas and planting pits shall be tested for sufficient percolation prior to final planting and irrigation installation to ensure proper drainage. Plant beds in parking lots and in areas compacted by heavy equipment shall be de-compacted so that drainage is not impeded.
- All synthetic burlap, string, cords or wire baskets shall be removed before trees are planted. All synthetic tape shall be removed from branches and trunks prior to final acceptance. The top 1/3 of the burlap shall be removed or tucked into the plant pit before the trees are backfilled.
- Landscape Contractor is responsible for mulching all plant beds and planters with a minimum 3" layer of natural color Eucalyptus or Enviromulch immediately after planting. **In no case shall Cypress or red mulch be used.** Mulch shall not be applied within 6" of any tree or palm trunk that are installed or incorporated into the project.
- All Trees/Palms in sod areas are to receive a 36"/48" diameter mulched saucer at the base of the trunk respectively.
- Landscape Contractor shall guy and stake all trees and palms as per specifications and details. No nails, screws or wiring shall penetrate the outer surface of trees and palms. All guying and staking shall be removed twelve months after planting. Exceptions require written authorization from the City Urban Forester.
- All palm and tree guy wires and bracing are to be flagged for visibility, for their duration. All unattended and unplanted tree pits shall be properly barricaded and flagged during construction.
- All broken branches and clear trunk branches on street trees are to be pruned according to ANSI A-300 Guidelines for Tree Pruning to min. 5'-0" height clearance to the base of canopy. All tree and root pruning activities shall be performed by ISA Certified Arborist and or ASCA Consulting Arborist in accordance with ANSI A-300 standards and industry accepted good horticultural practices.
- Landscape Contractor to provide all plants with fertilizer 30 days after installation. Fertilizer shall comply with state fertilizer laws. It shall have a chemical designation as indicated for each type of plant:
Palms: 12-4-12 N-P-K, Slow Release Palm Special with micronutrients.
Shrubs, Groundcover and Trees: 6-6-6 N-P-K, with micronutrients.



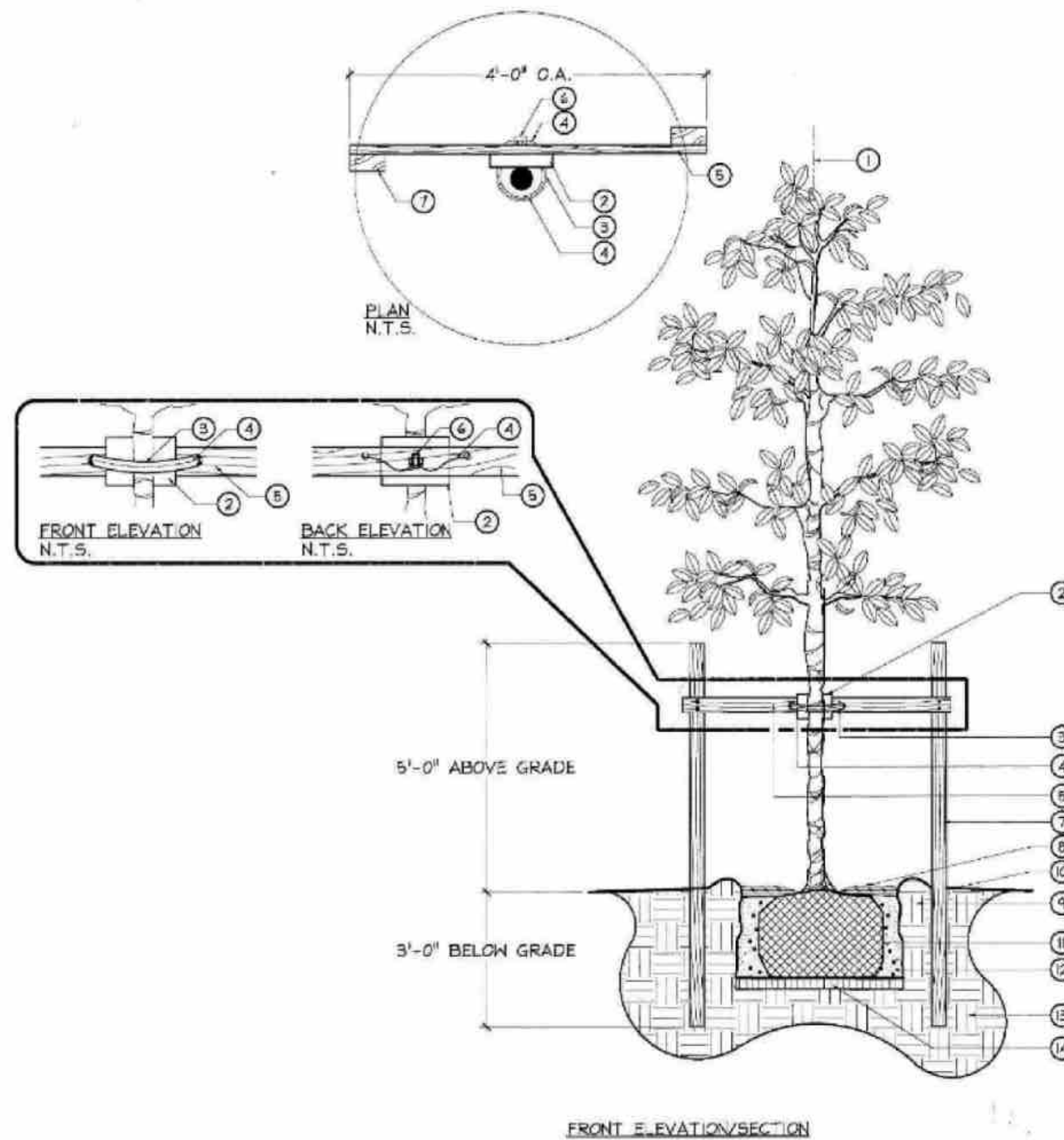
Typical Sod Planting Detail
N.T.S.



Typical Shrubs / Groundcover
Planting Detail
N.T.S.



City of Miami Beach
Typical Palm Planting Detail
N.T.S.



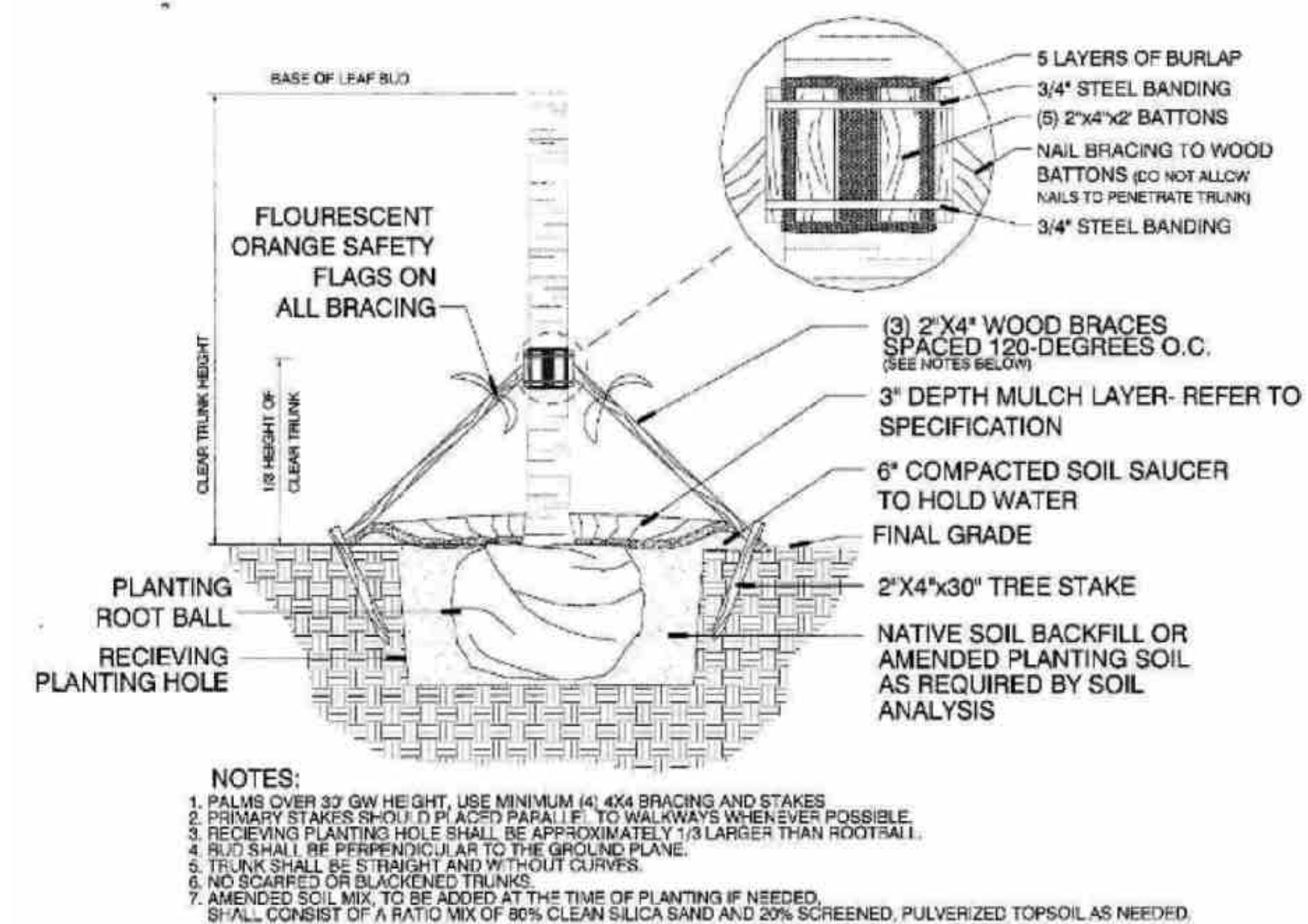
NOTE:
THE RIGHT OF WAY'S PERMIT IS REQUIRE PRIOR TO START THE WORK IN THE RIGHT OF WAY

KEY

- SET TREE PLUMB IN PLANTING PIT.
- PROTECT TREE TRUNK WITH 1 NOMACO® STYROFOAM PADDING GUARDS, 86UG4804B, AS SPECIFIED, OR APPROVED EQUAL.
- AMAZON HOUSE AND RUBBER® 1 1/2" AIR HOSE #8146 OR APPROVED EQUAL, TO COVER 10 GAUGE WIRE.
- 10 GAUGE GALVANIZED WIRE, WIRE PRODUCT®, OR APPROVED EQUAL.
- 2"x4"x4" NON TREATED LANDSCAPE TIMBER AS SPECIFIED, FASTEN WITH 4 3/4" DECK SCREWS TO 2"x4"x8" P.T. LANDSCAPE TIMBERS.
- 1 1/2" MALLEABLE CLAMP FASTENER FOR WIRE, SUPPLIER: FLORIDA WIRE® OR APPROVED EQUAL.
- 2 2"x4" X 8' P.T. LANDSCAPE TIMBER AS SPECIFIED.
- 1"-2" MULCH DEPTH LAYER ON ROOT BALL.
- 4" WATER RING, (WITHIN ROOTBALL DIA.), FILL 3 TIMES IMMEDIATELY AFTER PLANTING, RAKE OUT PRIOR TO MULCHING AND PLANTING.
- ROOT FLARE 1"-2" ABOVE FINISHED GRADE.
- 36" OR CONTAINERIZED ROOTBALL, REMOVE ALL BURLAP IF NOT 100% BIODEGRADABLE, REMOVE CONTAINER FROM ROOTBALL PRIOR TO PLANTING.
- BACKFILL TOP SOIL TYP. OF AREA, BACKFILL SHALL BE AMENDED THROUGHOUT ENTIRE SITE WITH FERTILIZER AND COMPOST AS REQUIRED.
- UNDISTURBED SUBGRADE.
- COMPACT SOIL IMMEDIATELY BENEATH THE ROOT BALL TO PREVENT SETTLING.

- NOTES:
1. CONTRACTOR TO ASSURE PERCOLATION IN TREE PITS.
2. NO MULCH WITHIN 4" OF TRUNK.

City of Miami Beach
Typical Tree Planting Detail
N.T.S.



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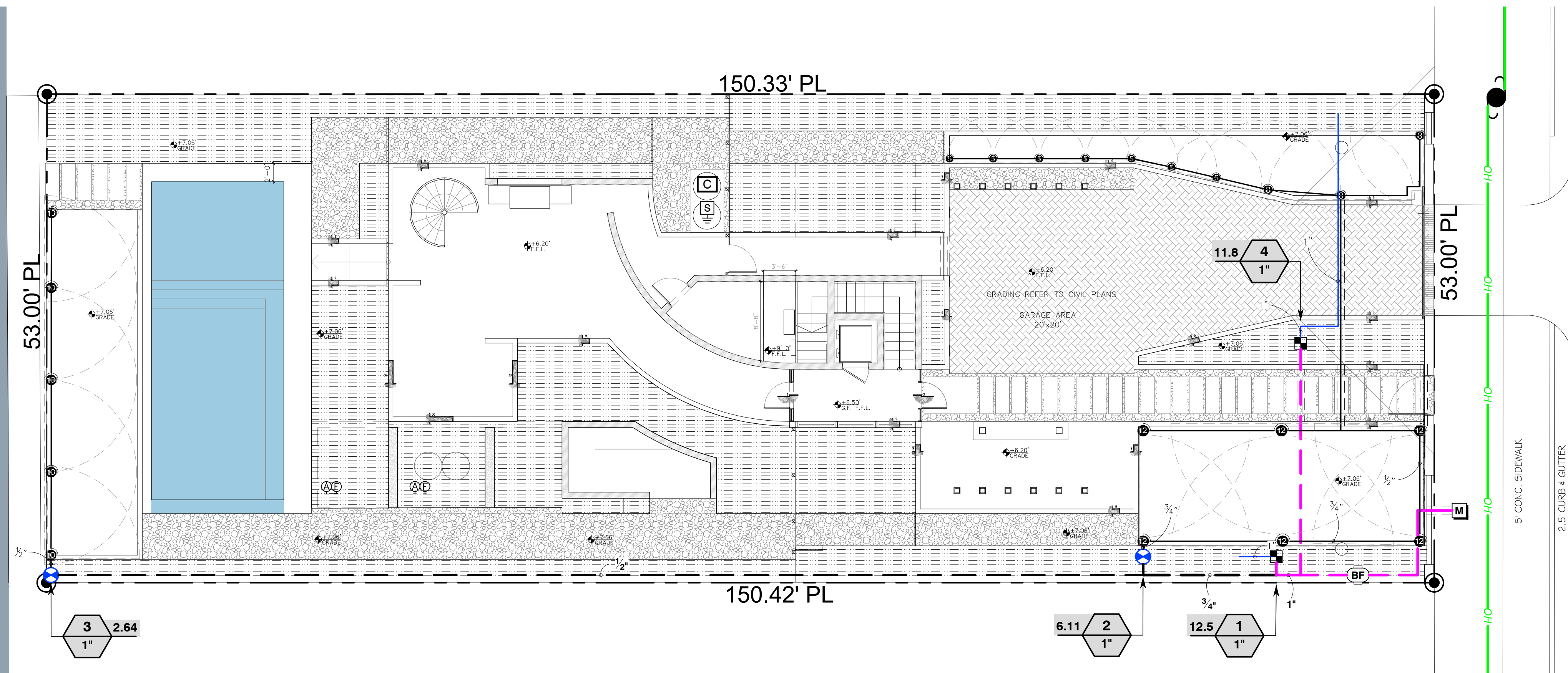
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REVISIONS:

PROJECT NAME
RHOUSE 5 LLC
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MIAMI BEACH, FLORIDA

SHEET INFORMATION:
 Drawing Size 24x36
 Project #: 2022-09-124 AI
 Drawn By: JV
 Checked By: DL
 Title:
LANDSCAPE DETAILS
 Sheet Number:
L-03
 Date: - November 03, 2022

BISCAYNE BAY CANAL



BAYSIDE LANE

GENERAL
IRRIGATION SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES, CONTRACT DRAWINGS, CONTRACT SPECIFICATIONS, AND APPENDIX "F" OF THE FLORIDA BUILDING CODE.

IRRIGATION DESIGN BASED ON "PLANTING PLAN". CONTRACTOR SHALL REFER TO THIS PLAN TO COORDINATE SPRINKLER LOCATIONS AND PIPE ROUTING WITH NEW AND EXISTING PLANT LOCATIONS.

THIS PLAN SHALL BE USED AS A GUIDE ONLY. IRRIGATION SHALL BE INSTALLED TO MATCH ON SITE CONDITIONS AND TO OVERCOME THE INHERENT INACCURACIES THAT RESULT WHEN DESIGNING FROM BASE PLANS.

THIS IRRIGATION HAS BEEN DESIGNED AS A TYPICAL BLOCK VALVE TYPE USING TORO SPRINKLERS, IN-LINE VALVES AND CONTROL SYSTEM. A RAIN SENSOR SHALL BE INSTALLED TO CONSERVE WATER.

IRRIGATION SHALL BE INSTALLED AND MAINTAINED TO MINIMIZE UNDESIRABLE OVERTHROW ONTO PAVEMENT, SIDEWALKS, AND BUILDINGS.

CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH SITE CONDITIONS, AND SHALL REFER TO THE PLANS FOR ADDITIONAL INFORMATION.

TO ENSURE PROPER OPERATION, SOURCE SIZE, VALVE SIZES, ZONE CAPACITIES, AND SPRINKLER, PIPE AND WIRE SIZES, AND INSTALLATION NOTES AND DETAILS SHALL BE FOLLOWED AS SHOWN.

CONTRACTOR IS TO PROVIDE AN AS-BUILT DRAWING OF THE IRRIGATION SYSTEM TO THE OWNER AND LANDSCAPE ARCHITECT.

PIPING
PIPE ROUTING IS SCHEMATIC ONLY AND SHALL BE ADJUSTED FOR ON SITE CONDITIONS.

PIPE SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES, SECTION "F" OF THE FLORIDA BUILDING CODE, AND PIPE MANUFACTURER'S INSTRUCTIONS.

PIPE ROUTED UNDER HARDSCAPED AREAS SHALL BE SLEEVED IN SCH 40 PVC. EACH SLEEVE SHALL BE: (1) BURIED TO A MINIMUM DEPTH OF 24", (2) TWO PIPE SIZES LARGER THAN CARRIER PIPE, AND (3) EXTENDED 3' BEYOND HARDSCAPED AREA ON EACH END. CONTRACTOR SHALL REFER TO LOCATION OF EXISTING SLEEVES.

PIPE SIZED TO LIMIT FLOW VELOCITIES TO 5 FEET/SECOND AND TO LIMIT FRICTION LOSS IN THE PIPING NETWORK.

PIPE SHALL BE INSTALLED AT SUFFICIENT DEPTH BELOW GROUND TO PROTECT IT FROM HAZARD SUCH AS VEHICULAR TRAFFIC OR ROUTINE OCCURRENCES WHICH OCCUR IN THE NORMAL USE AND MAINTENANCE OF THE PROPERTY. DEPTHS OF COVER SHALL MEET OR EXCEED SCS CODE 430-DD. REFER TO THE APPLICABLE DETAIL FOR ADDITIONAL INFORMATION.

BACKFILL SHALL BE OF SUITABLE MATERIAL, FREE OF ROCKS, STONES, AND OTHER DEBRIS THAT WOULD DAMAGE IRRIGATION SYSTEM COMPONENTS.

A GATE VALVE SHALL BE INSTALLED FOR ISOLATION. THIS VALVE SHALL BE TO LINE SIZE AND INSTALLED IN A VALVE BOX. POROUS MATERIAL SHALL BE INSTALLED PER BOX TO PROMOTE DRAINAGE.

SPRINKLERS
SPRINKLER LOCATIONS ARE SCHEMATIC ONLY AND SHALL BE ADJUSTED FOR LANDSCAPING, FENCES, SITE LIGHTING, PREVAILING WIND, MOUNDING, ETC., TO ENSURE PROPER COVERAGE WITH MINIMAL UNDESIRABLE OVERTHROW. A PRIME OBJECTIVE SHALL BE TO ELIMINATE OVERTHROW ONTO PAVEMENT, SIDEWALKS, AND THE RESIDENCE.

POP-UP TYPE LOCATED IN SOD, MULCH, AND GROUND COVERS SHALL BE INSTALLED ON FLEXIBLE SWING JOINTS CONSISTING OF THICKWALLED POLY PIPE AND 1/2" INSERT ELBOWS.

EACH SPRINKLER SHALL BE EQUIPPED WITH THE APPROPRIATE PRECISION SPRAY NOZZLE AND SHALL HAVE THE X-FLOW FEATURE.

ADJUSTMENT FEATURES OF SPRINKLERS SPECIFIED SHALL BE UTILIZED TO ENSURE PROPER COVERAGE WITH MINIMAL UNDESIRABLE OVERTHROW. LOW ANGLE, FLAT SPRAY, AND ADJUSTABLE ARC NOZZLES SHALL BE USED TO MINIMIZE OVERTHROW.

SPRINKLERS LOCATED ADJACENT TO HARDSCAPED AREAS SHALL BE INSTALLED AWAY FROM HARDSCAPED AREAS TO MINIMIZE OVERTHROW AND THE CHANCE OF DAMAGE BY VEHICLES, PEDESTRIANS, AND LAWN MAINTENANCE PERSONNEL. AS A GENERAL RULE, 6" POP-UP SPRAY HEADS SHALL BE INSTALLED IN 4", SHRUB HEADS AND 12" POP-UP SPRAY HEADS SHALL BE INSTALLED IN 12".

CONTROL SYSTEM
CONTROLLER SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND MANUFACTURER'S INSTRUCTIONS. PROPER GROUNDING EQUIPMENT SHALL BE PROVIDED.

CONTROLLER LOCATION SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE. A 110 VAC ELECTRIC SOURCE IS REQUIRED.

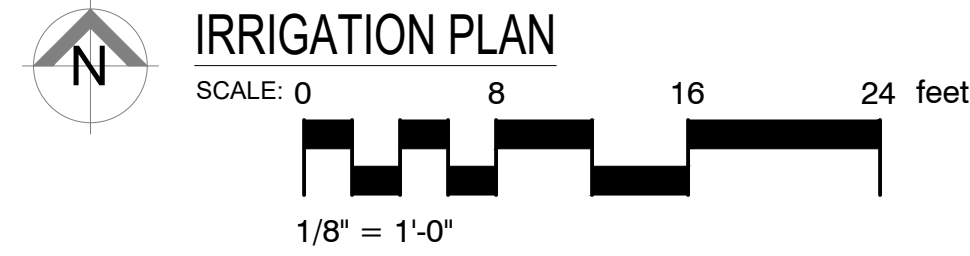
CONTROL LINES FROM AUTOMATIC CONTROLLER TO IN-LINE AUTOMATIC VALVES SHALL BE #14 AWG DIRECT BURIAL UF TYPE WHICH SHALL BE: (1) INSTALLED IN ACCORDANCE WITH LOCAL CODES, (2) INSTALLED IN SCH 40 PVC WIRE CONDUIT, (3) BURIED TO A MINIMUM DEPTH OF 15", (4) COLORED CODED TO FACILITATE TROUBLESHOOTING, AND (5) SPLICED MOSTLY AT VALVE LOCATIONS. SPLICES SHALL BE MADE WATERPROOF USING APPROVED METHODS. SPARE WIRES SHALL BE ROUTED FROM THE CONTROLLER IN ALL DIRECTIONS TO THE FARTHEST VALVES CONTROLLED.

AN INDIVIDUAL CONTROL WIRE SHALL BE ROUTED TO EACH VALVE AND VALVES WHICH OPERATE SIMULTANEOUSLY SHALL BE TIED TOGETHER AT THE CONTROLLER.

AUTOMATIC VALVE LOCATIONS ARE SCHEMATIC ONLY AND SHALL BE ADJUSTED FOR ON SITE CONDITIONS. EACH VALVE SHALL BE INSTALLED IN A VALVE BOX. A MINIMUM OF ONE CUBIC FOOT OF GRAVEL SHALL BE PROVIDED PER BOX TO PROMOTE DRAINAGE.

THE RAIN SENSOR SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

TIMING AND PRECIPITATION
TIMING OF EACH STATION SHALL BE SET IN THE FIELD TO MATCH LOCAL REQUIREMENTS. REFER TO ZONE SUMMARY CHART FOR RECOMMENDED RUN TIMES TO APPLY 1.0 INCHES/WEEK.



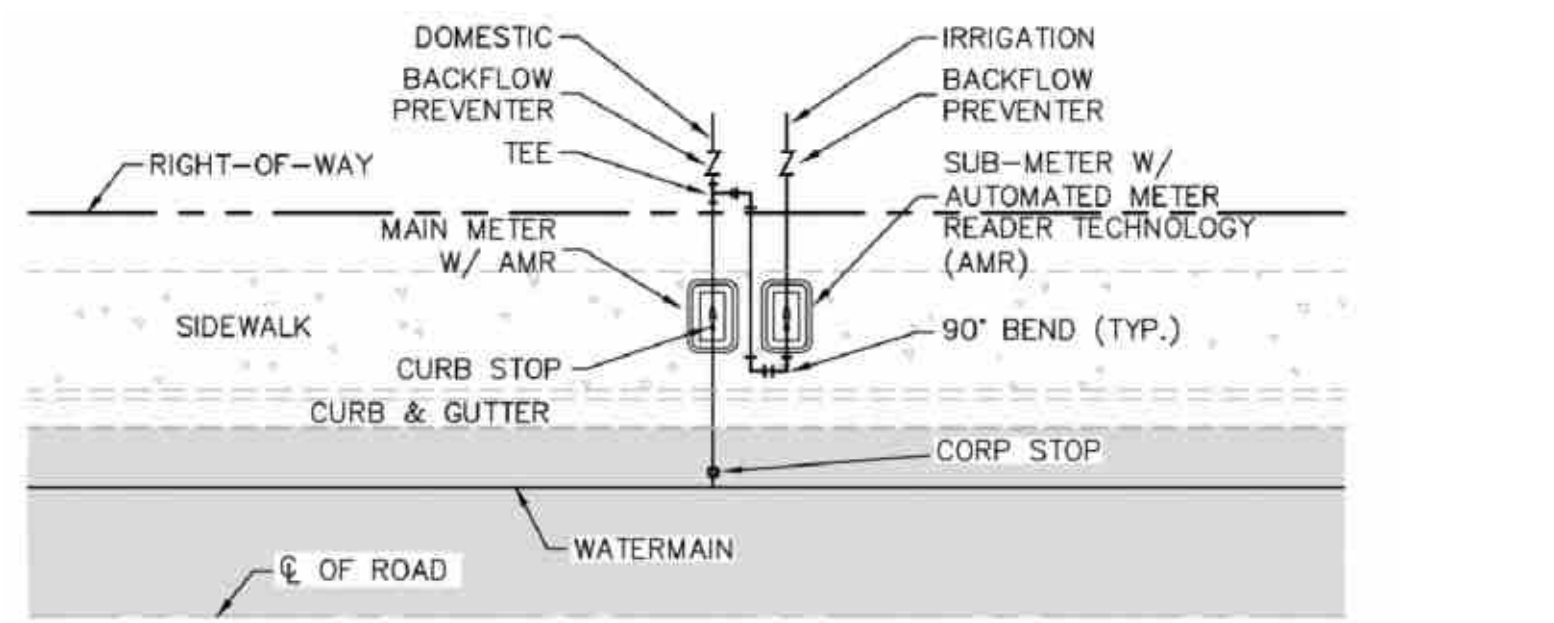
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
3	Toro 570Z-6LP-PC 5 Series Turf Spray, 6" Pop-Up, with a Zero Flush Seal, Low Pressure Sealing, allowing for pop-up and retraction at lower pressures. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	7	30
4	Toro 570Z-6LP-PC 8" radius Turf Spray, 6" Pop-Up, with a Zero Flush Seal, Low Pressure Sealing, allowing for pop-up and retraction at lower pressures. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	3	30
10	Toro 570Z-6LP-PC 10" radius Turf Spray, 6" Pop-Up, with a Zero Flush Seal, Low Pressure Sealing, allowing for pop-up and retraction at lower pressures. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	5	30
12	Toro 570Z-6LP-PC 12" radius Turf Spray, 6" Pop-Up, with a Zero Flush Seal, Low Pressure Sealing, allowing for pop-up and retraction at lower pressures. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	6	30
M	Toro DZK-EZF-1-MF 1" Medium Flow Drip Control Valve Kit. With 1" EZ-Flu Plus Valve, Toro Y-Filter, and Medium-Flow Pressure Regulator and Fittings. 5gpm-20gpm.	2	
F	Toro T-FCH-H-FIPT Flush Valve, plumbed to flush manifold at low point.	2	
A	Toro T-YD-500-34 1/2" Air Vent- MIPT Air Release and Vacuum Relief Valve	2	
Area to Receive Dripline	Toro RGP-412 Sub-Surface Pressure Compensating Landscape Dripline with ROOTGUARD technology. 1.00 GPH emitters at 12" O.C. Dripline laterals spaced at 18" apart, with emitters offset for triangular pattern.	1,453 I.F.	
2	Toro 252-26 Globe 1" Electric, 1", 1-1/2", and 2" In-Line Plastic Remote Control Valve. Includes Flow Control. Globe Body Configuration. Debris-Resistant Valve.	2	
BF	Febco 825Y 1" Reduced Pressure Backflow Preventer	1	
C	Toro Controller EVO-040D-SC 4 Station Outdoor Controller. With Smart Connect so Controller can communicate wirelessly with a number of add-on devices. Ideal for residential and light-commercial applications.	1	
S	Toro Rain Sensor TWRS Wireless Rain Sensor Transmitter and Receiver. Mount Sensor Transmitter as noted or approved, mount Sensor Receiver next to Irrigation Controller as noted or approved, use controller power or optional transformer. Adjustable rain shut-off point.	1	

M	Water Meter 1"	1
---	Irrigation Lateral Line: PVC Schedule 40 1/2"	168.3 I.F.
---	Irrigation Lateral Line: PVC Schedule 40 3/4"	32.1 I.F.
---	Irrigation Lateral Line: PVC Schedule 40 1"	33.0 I.F.
---	Irrigation Mainline: PVC Schedule 40 1/2"	118.4 I.F.
---	Irrigation Mainline: PVC Schedule 40 3/4"	16.4 I.F.
---	Irrigation Mainline: PVC Schedule 40 1"	54.0 I.F.
---	Pipe Sleeve: PVC Class 200 SDR 21	39.1 I.F.

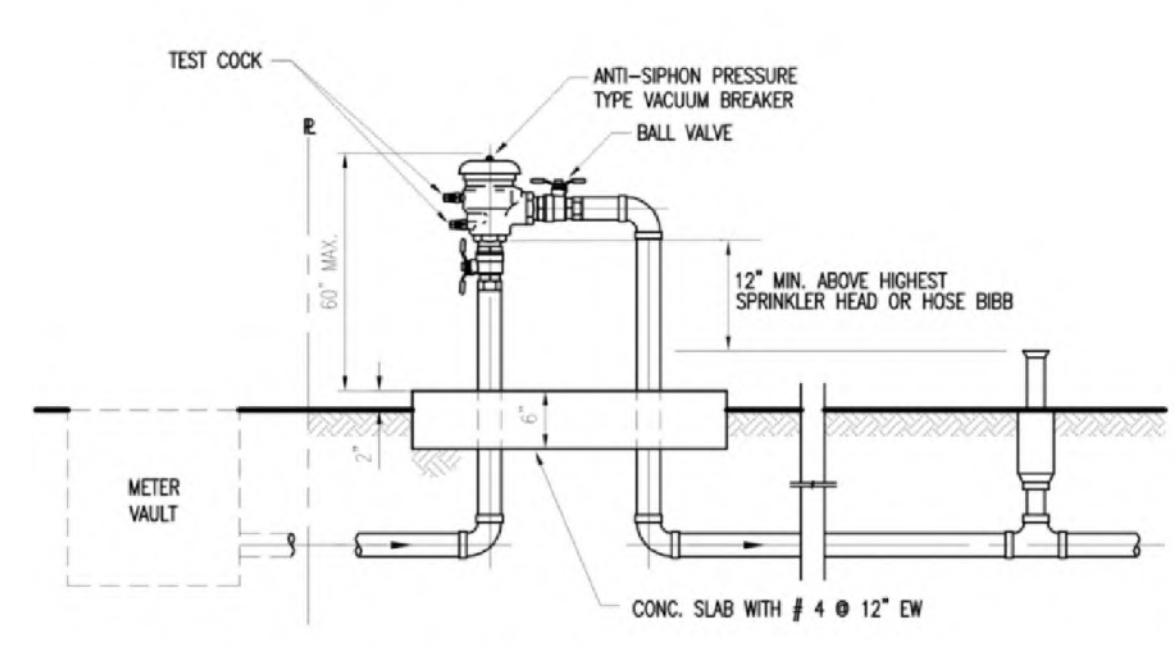
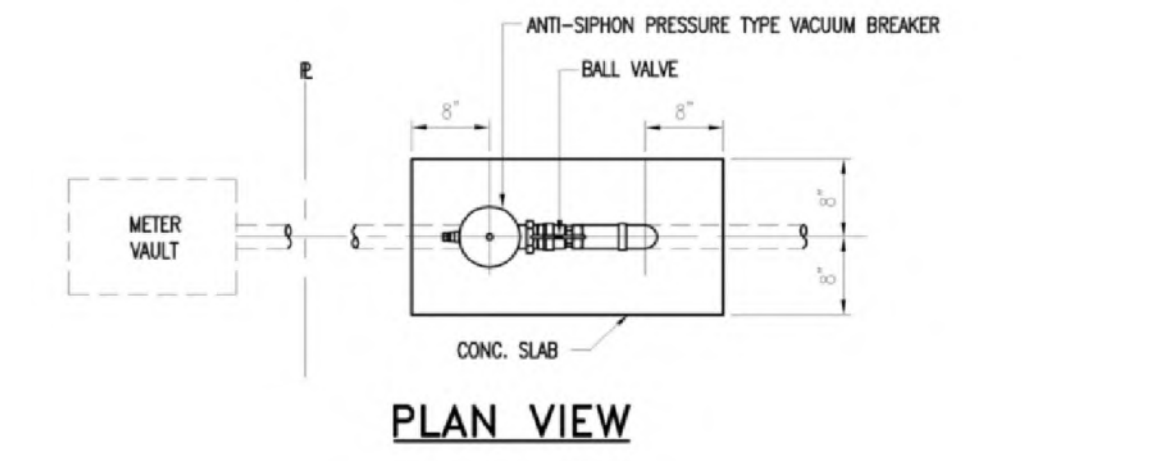


NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	Toro DZK-EZF-1-MF	1"	Area for Dripline	12.49	178.8	51.3	65.4	1.07 in/h
2	Toro 252-26 Globe	1"	Turf Spray	6.11	164.3	36.4	49.6	0.81 in/h
3	Toro 252-26 Globe	1"	Turf Spray	2.64	162.3	33.5	49.4	0.67 in/h
4	Toro DZK-EZF-1-MF	1"	Area for Dripline	11.79	204.6	52.1	67.0	1.07 in/h
	Common Wire	1"			188.8			



- NOTES:**
- MUST USE RECTANGULAR BOX TO ACCOMMODATE BOTH THE SUB-METER AND SHUT-OFF VALVE.
 - MUST HAVE SHUT-OFF VALVE ON INLET SIDE BEFORE METER.
 - MUST PLACE SUB-METER BOX WITHIN 5 FEET OF MAIN METER, EASILY ACCESSIBLE TO METER READER.
 - MUST CALL METER SHOP AT 305-673-7681 WHEN INSTALLATION IS COMPLETED FOR FINAL INSPECTION IN ORDER TO OBTAIN SEWER CREDIT.
 - SUB-METER CANNOT BE LARGER THAN THE DOMESTIC METER WATER SERVICE LINE.

1 SUB-METER INSTALLATION DETAIL
SCALE: N.T.S.



2 VACUUM BREAKER
N.T.S.

- NOTES:**
- THE ASSEMBLY SHALL BE INSTALLED WITH MINIMUM HORIZONTAL CLEARANCES OF 30 INCHES FREE FROM OBSTRUCTIONS IN ALL DIRECTIONS.
 - GUARD POSTS SHALL BE INSTALLED IF THE ASSEMBLY IS EXPOSED TO POSSIBLE DAMAGE FROM VEHICULAR TRAFFIC, AS DETERMINED BY THE DEPARTMENT.
 - THE ASSEMBLY SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION, APPROVED BY THE DEPARTMENT.
 - PIPING SHALL BE SCHEDULE 40 BRASS OR TYPE K COPPER PIPE WITH THREADED FITTINGS IN ACCORDANCE WITH MISO CONSTRUCTION SPECIFICATIONS FOR DONATION WATER MAINS. PVC PIPING IS NOT ACCEPTED BY MISO.
 - THE DEPARTMENT SHALL HAVE UNRESTRICTED AND CONTINUOUS ACCESS TO THE VACUUM BREAKER ASSEMBLY.
 - SEE SPECIFICATIONS AND CONTACT DEPARTMENT FOR CURRENTLY APPROVED TYPES OF BACKFLOW PREVENTION ASSEMBLIES AND PRESSURE VACUUM BREAKERS (SEE WS 4.18 SHEET 4 OF 4)

3 IRRIGATION NOTES
SCALE: NTS

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Landscape Architect License LA666705
ISA Certified Arborist FL4399A

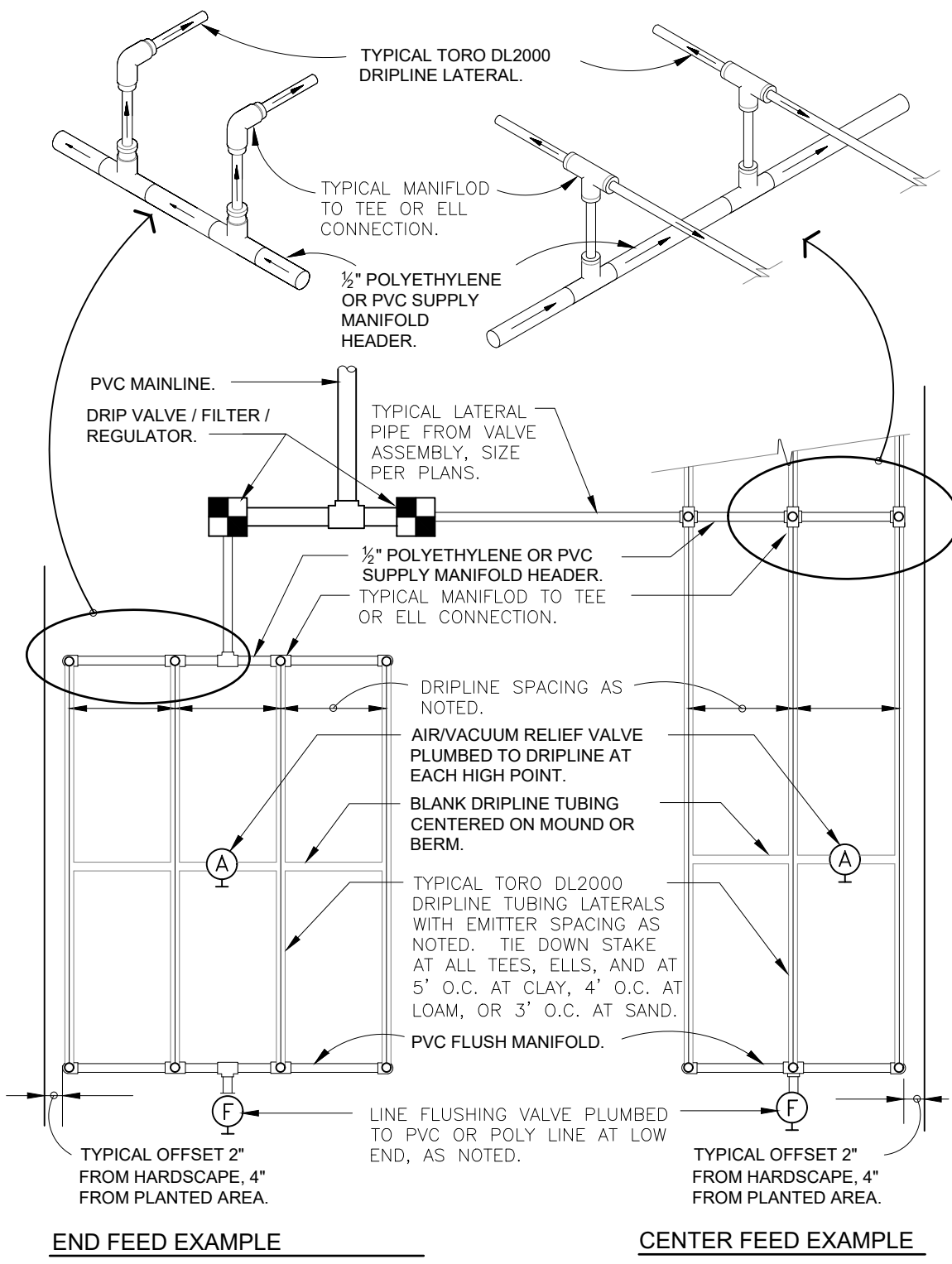
Landscaping (Architecture + Plant Information)
(305) 303 7059 / 4459 NW 97 CT.
Doral, FL 33178
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www.alllandscapedata.com

REVISIONS:

PROJECT NAME:
RHOUSE 5 LLC
7590 BAYSIDE LN
MIAMI BEACH, FLORIDA

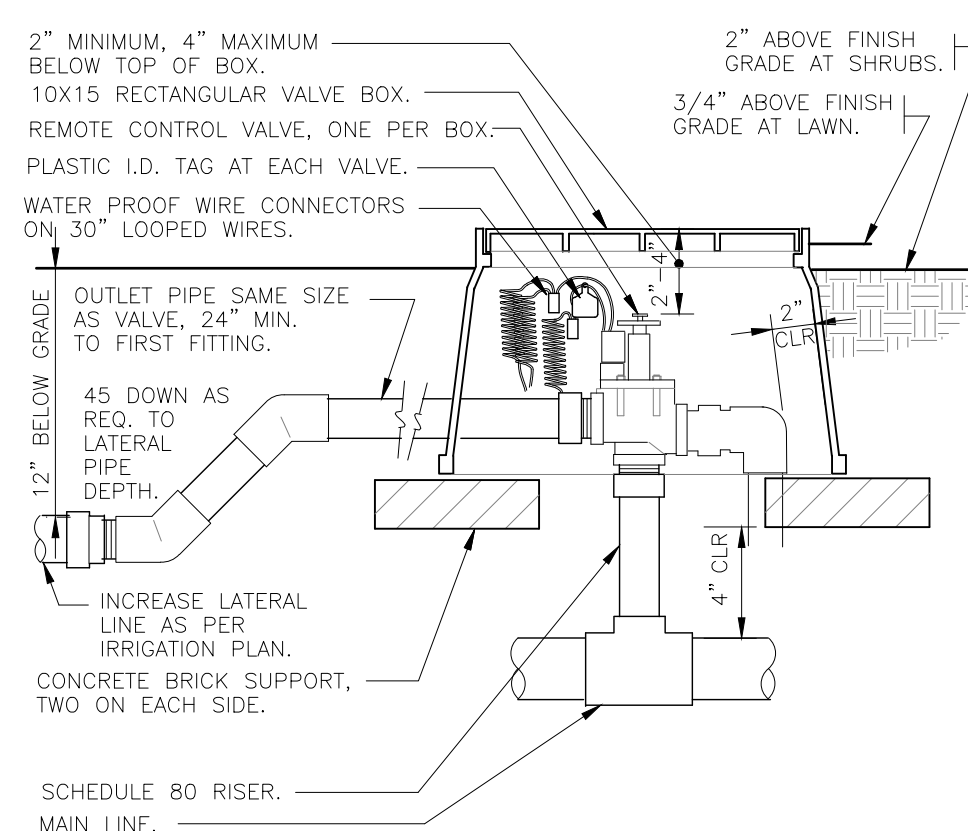
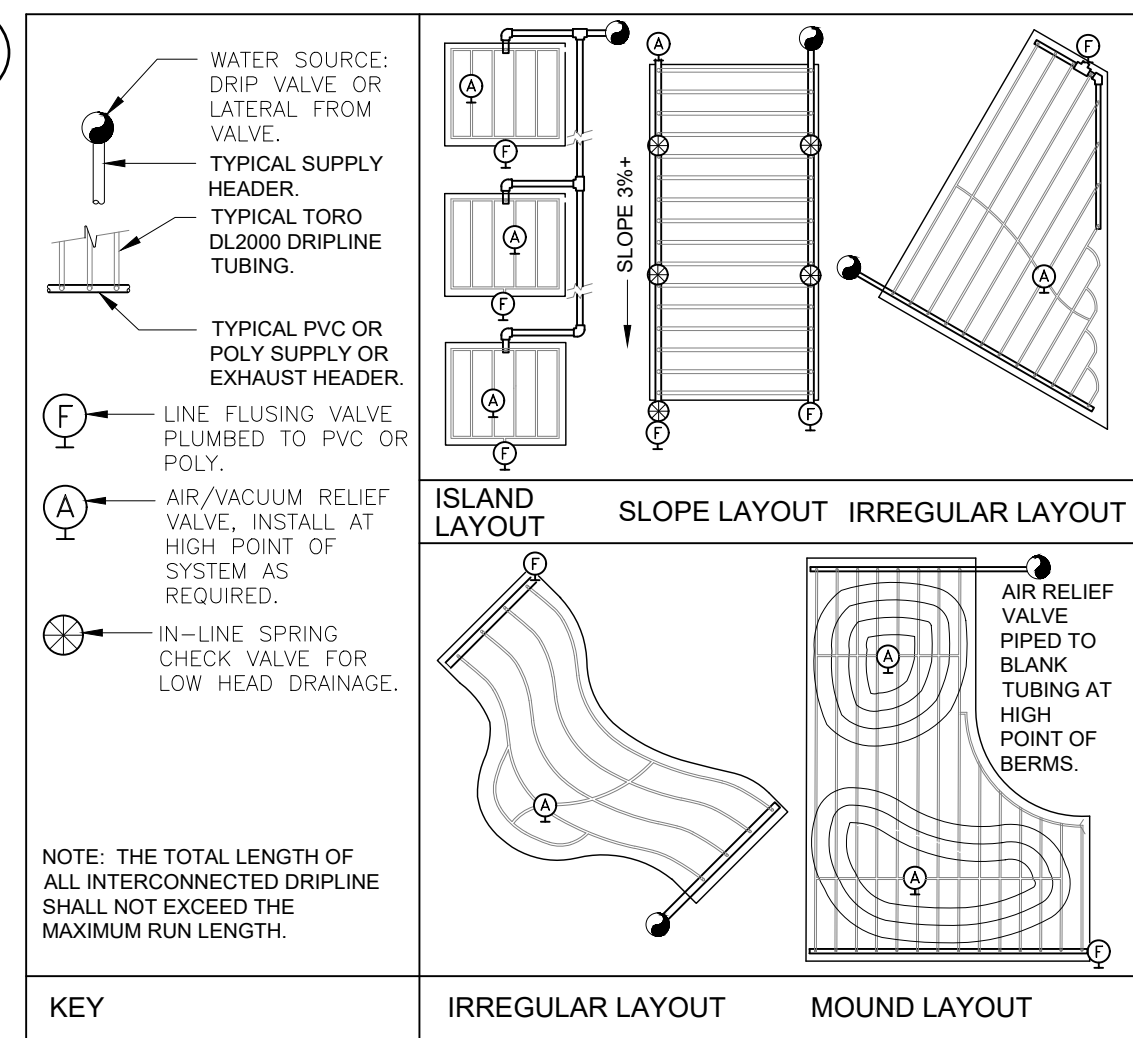
SHEET INFORMATION:

Drawing Size: 24x36
Project #: 2022-09-124 AI
Drawn By: JV
Checked By: DL
Title: IRRIGATION PLAN
Sheet Number: **IR-01**
Date: - November 03, 2022

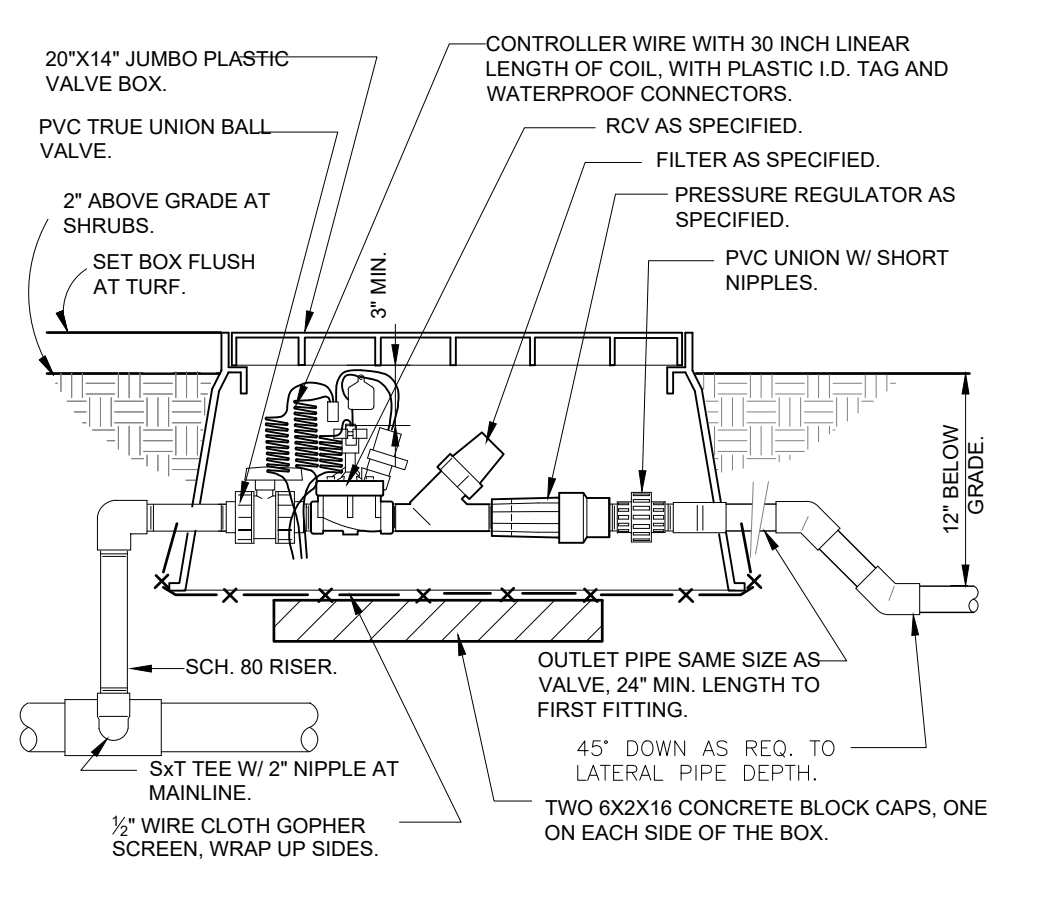


DRIPLINE TYPE	FLOW RATE	EMITTER SPACING	15 PSI	25 PSI	30 PSI	40 PSI
RPG212	0.53 GPH	12"	250'	360'	400'	460'
RPG218	0.53 GPH	18"	350'	515'	565'	650'
RPG412	1.0 GPH	12"	160'	240'	280'	300'
RPG418	1.0 GPH	18"	240'	340'	375'	430'

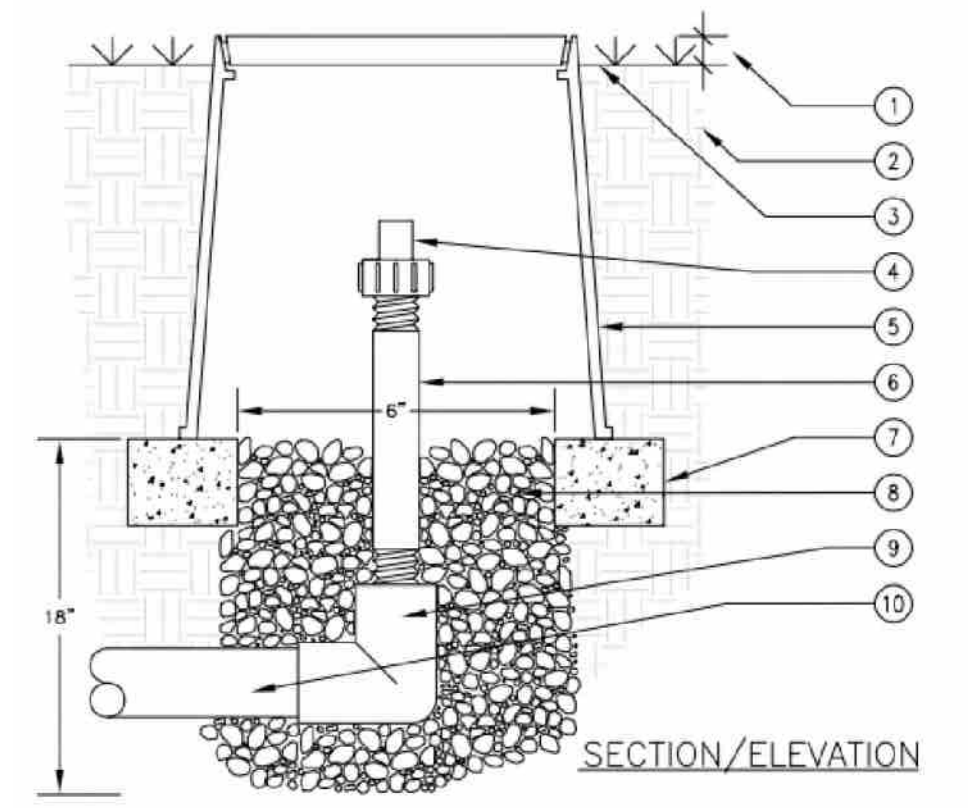
DRIPLINE TYPE	FLOW RATE	EMITTER SPACING	ACTUAL FLOW / 100 FT. GPH	100 FT. GPM
RPG212	0.53 GPH	12"	53.00	0.88
RPG218	0.53 GPH	18"	35.33	0.59
RPG412	1.0 GPH	12"	102.00	1.70
RPG418	1.0 GPH	18"	67.99	1.13



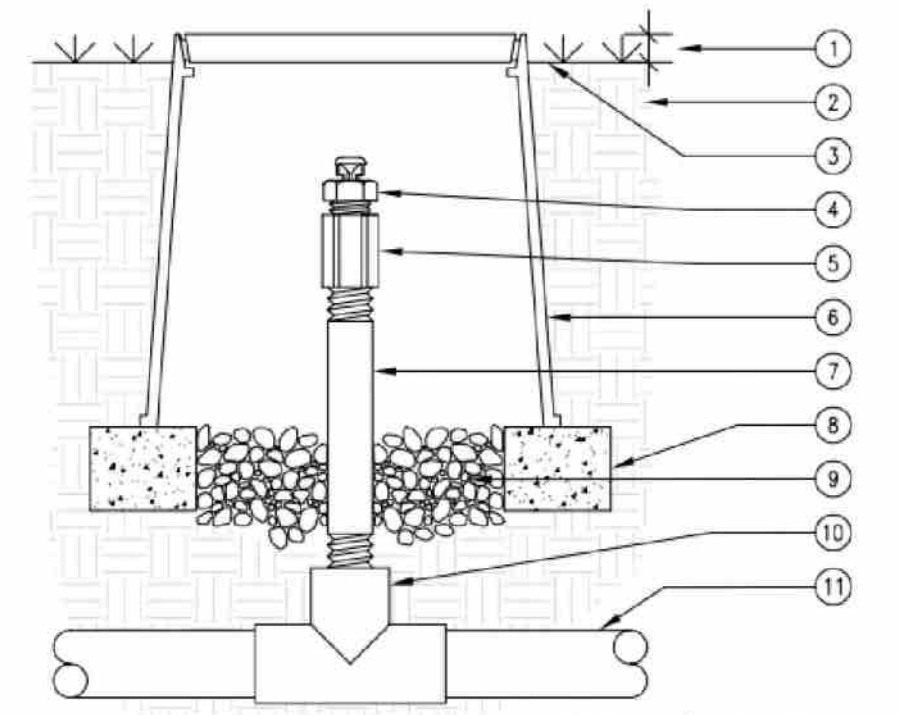
2 ELECTRIC REMOTE CONTROL VALVE
1 1/2" = 1'-0"
328406.13-02



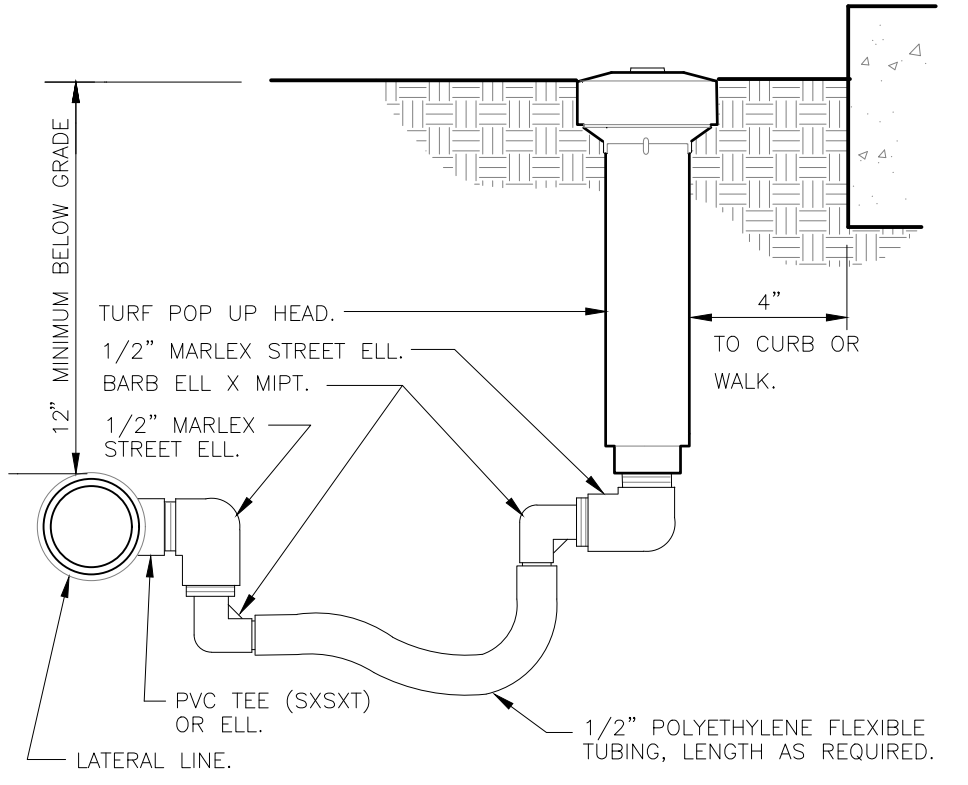
3 1" DRIP VALVE/FILTER/REGULATOR
1 1/2" = 1'-0"
328413.76-23



4 AUTOMATIC FLUSH VALVE
N.T.S.



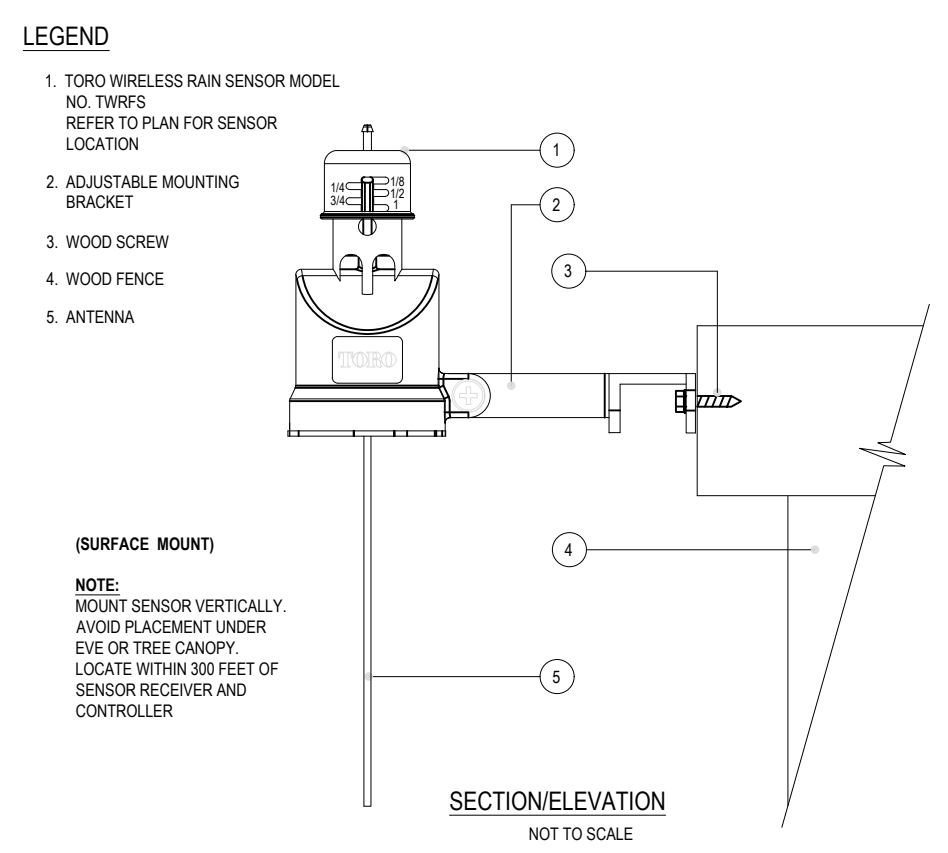
7 1/2" AIR/VACUUM RELIEF VALVE
N.T.S.



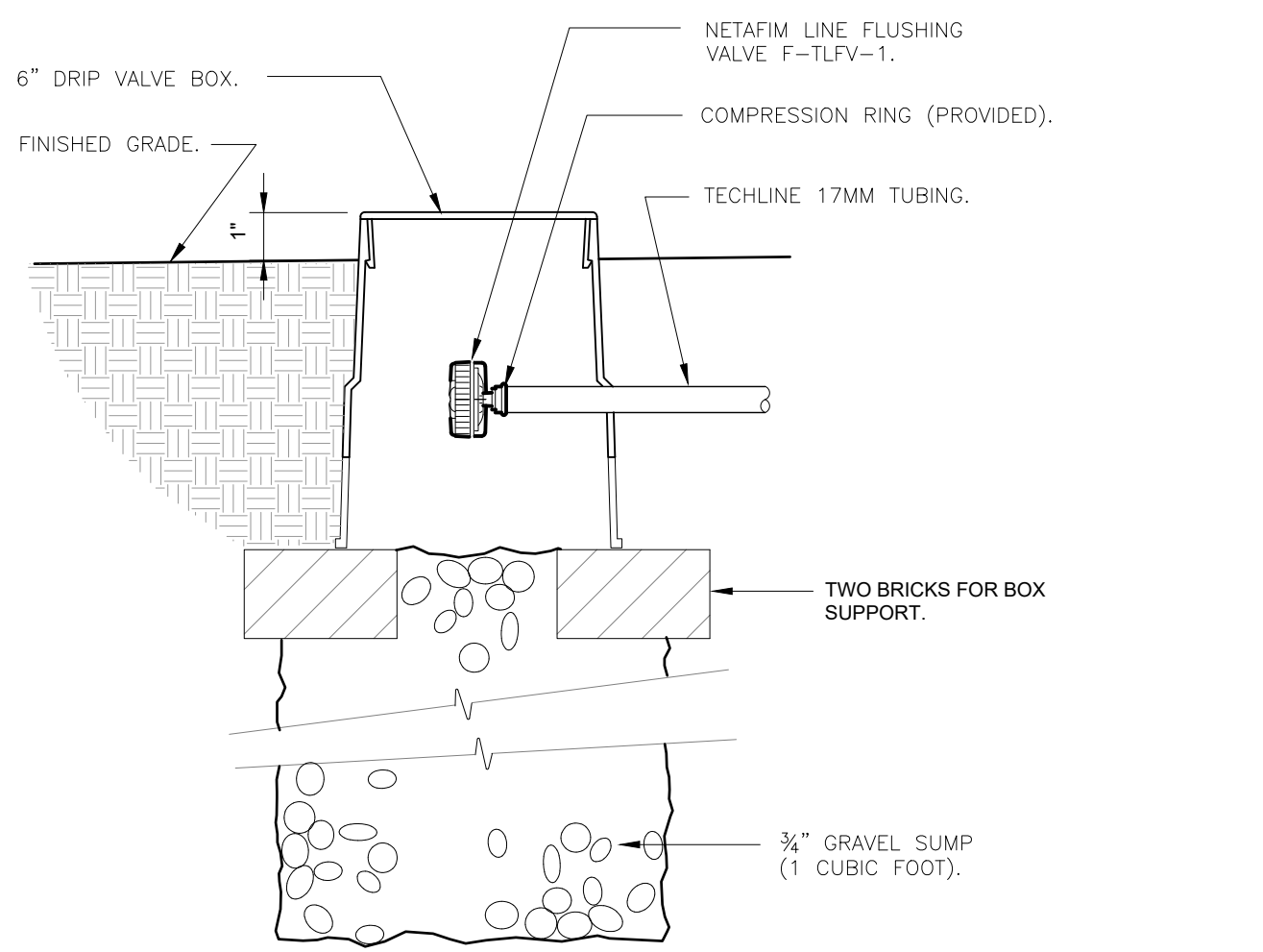
5 TURF SPRAY FLEX ASSEMBLY
3" = 1'-0"
328403.13-02

6 WALL MOUNT CONTROLLER
1" = 1'-0"
328409.13-01

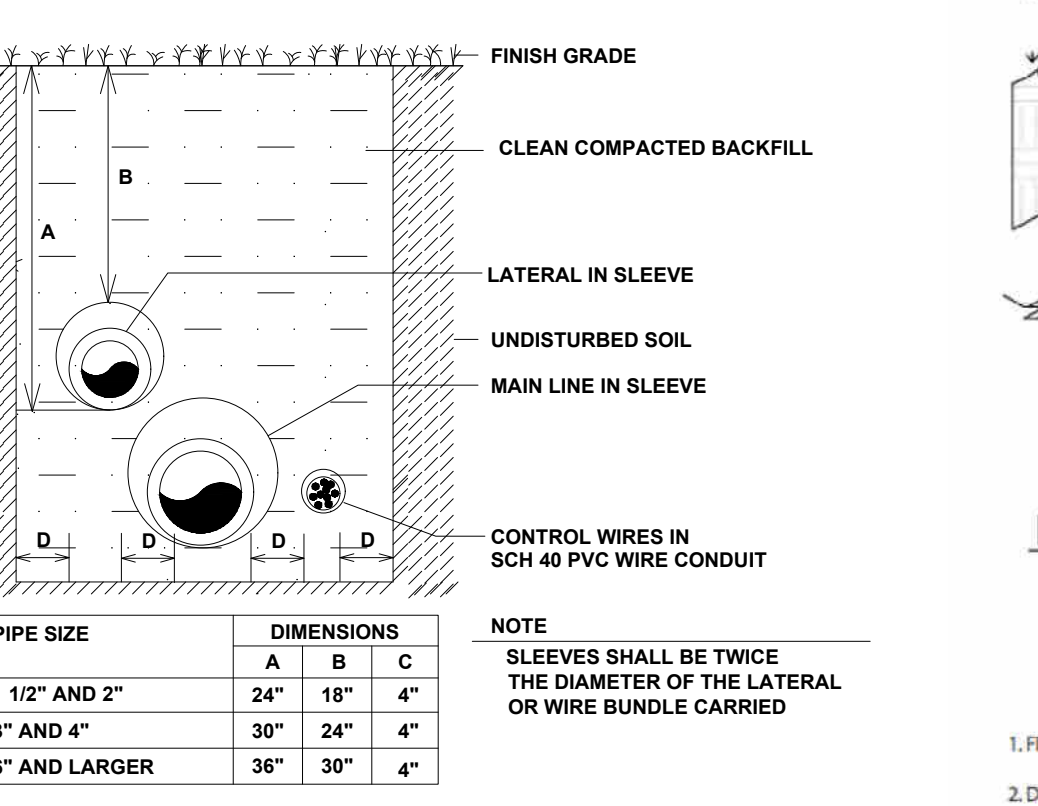
1 TORO DL2000 DRIPLINE
3" = 1'-0"
328413.56-49



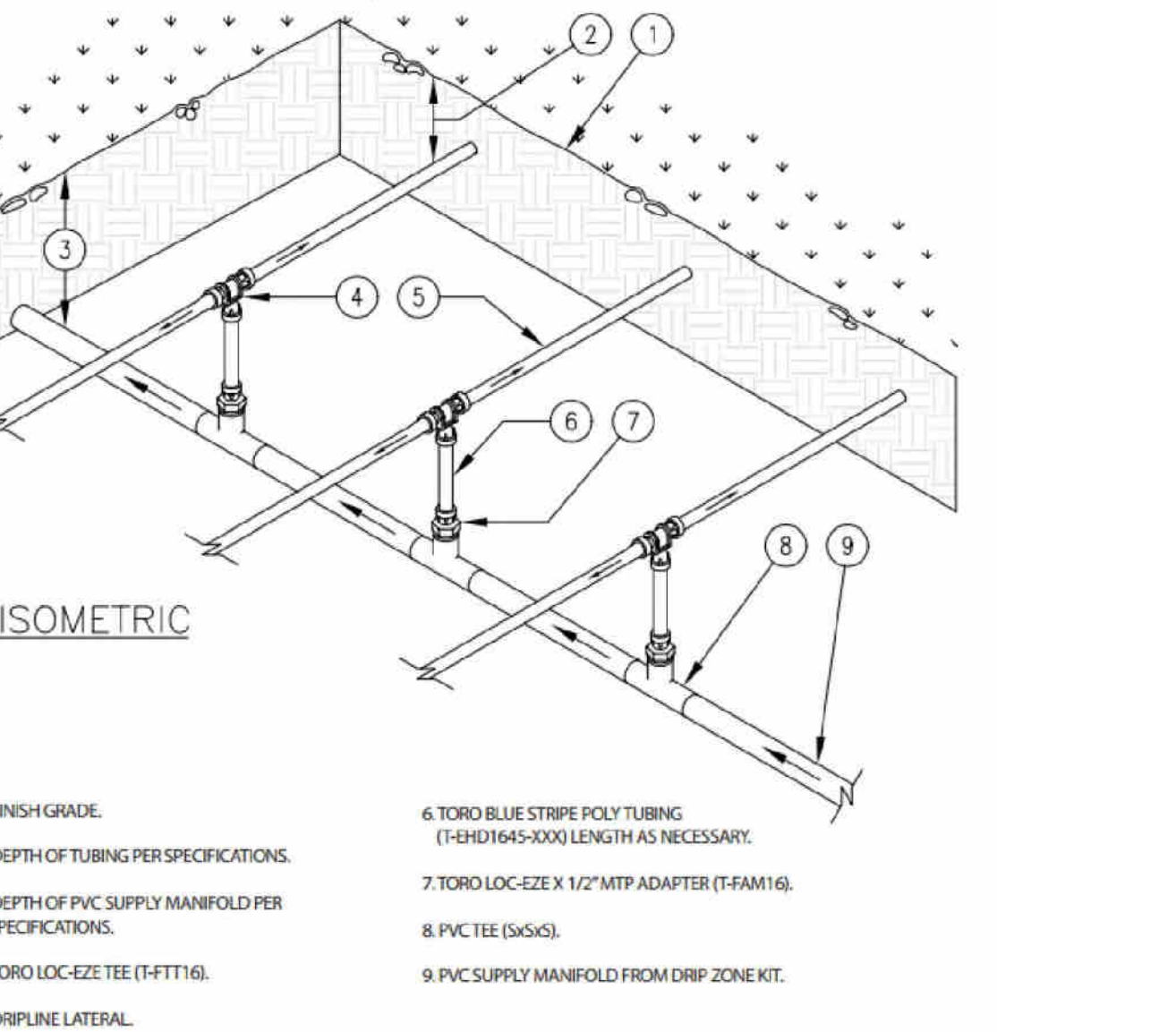
8 TORO - TWRS WIRELESS RAIN SENSOR
N.T.S.
DETAIL-FILE



9 NETAFIM TECHLINE FLUSH VALVE
3" = 1'-0"
328413.49-33



10 TRENCHING DETAILS / VEHICULAR TRAFFIC AREAS
NTS
10



11 CENTER-FEED SUPPLY-MANIFOLD
N.T.S.
DETAIL-FILE

ALL LANDSCAPE DATA INC
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