

 $g{\sf aviria}$ architects 9427 Fountainbleau Blvd. #206 Miami , FL 33172 T: 954.7745946

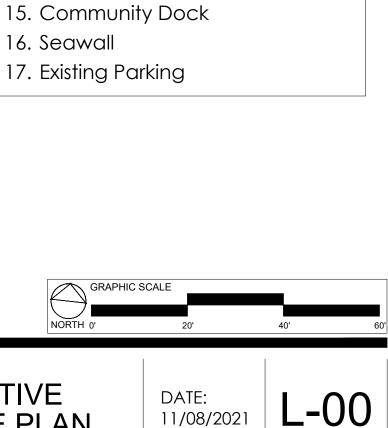
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DESIGN REVIEW BOARD FIRST SUBMITTAL 12 TOWNHOUSES - 2005-2011 & 2013-2023 CALAIS DRIVE, MIAMI BEACH FL 33141

ILLUSTRATIVE LANDSCAPE PLAN



- 2. Driveway 3. Pedestrian Entrance 5. Private Patio (typ) 7. Rolling Gate 8. Existing Shade tree 9. Large Shade tree
- 4. Sidewalk

LEGEND

1. Building

- 6. Privacy Fence
- 10. Medium Shade tree
- 11. Small tree
- 12. Small Palm
- 13. Sod
- 14. Crushed Gravel Pathway

Property Address:

2005-2011 and 2013-2023 Calais Drive, Miami Beach, Florida 33141

Legal Description:

Lot 7 , less the west 50 feet, and the west 60 feet of Lot 8, Block 44, of "NORMANDY WATERWAY SUBDIVISION" according to the Plat thereof, as recorded in Plat Book 40, at Page 60, of the Public Records of Miami-Dade County, Florida. and

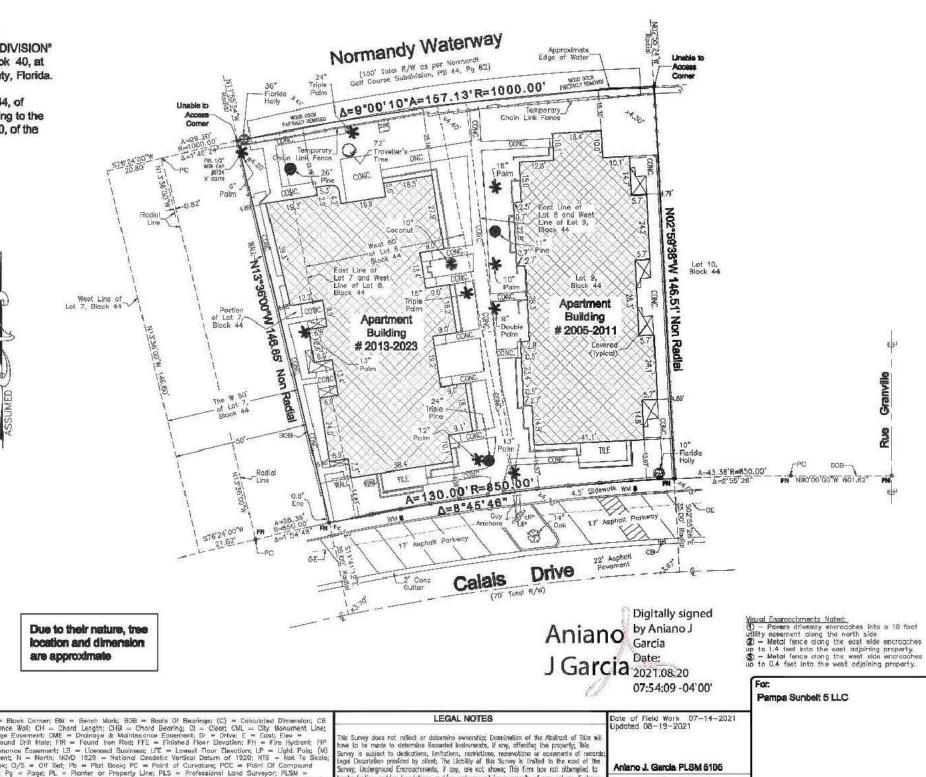
Lot 9 and Lot 8 less the west 60 feet thereof, Block 44, of "NORMANDY WATERWAY SUBDIVISION " according to the Plat thereof, as recorded in Plat Book 40, at page 60, of the Public Records of Miami-Dade County, Florida,

Lot Area= 21,037 Sq Ft

Flood Plain Information: Flood Zone: AE; Base Flood: 8.0 ft; Panel No: 12086C0307L, effective 09-11-2009; Community Name / No: City of Miami Beach / 120651

Reference Bench Marks: County BM # NU-313 USCG, Elev=3.75 ft & A-24, Elev=5.98 ft, NGVD 1929

There may be easements and/or other instruments affecting this property, recorded in the Public Records not shown on this survey



Boundary Survey

Scale 1"= 20'

A = Arc Length; AC = Air Conditioner; AE = Anchor Essement; BC = Block Corner; BM = Bench Mark; BOB = Basis Of Bearings; (C) = Calculated Dimension; CB = Catch Basin; OBS = Concrete Block Structure; OFW = Concrete Ferce Wall; CH = Chord Length; CHB = Chord Bearing; Cl = Clear; CML = Cty Monument Line; CME = Carcol Maintenance Essement; Cons = Concretes; DE = Drainage Essement; DM = Drainage & Maintenance Essement; DF = Elactric Transformer; DH = Found Irch Pile; H = Found Ircn Rad; FFE = Finished Floor Elevation; FH = Fire Hydrant; FP = Found Ircn Pipe; FN = Found Nail; FT = Feel; LME = Linke Maintenance Essement; DH = Found Ircn Rad; FFE = Finished Floor Elevation; FH = Fire Hydrant; FP = Found Ircn Pipe; FN = Found Nail; FT = Feel; LME = Linke Maintenance Essement; LM = Usensed Essement; DE = Lawest Floor Elevation; FH = Fire Hydrant; FP = Found Ircn Pipe; FN = Found Nail; FT = Feel; LME = Linke Maintenance Essement; LM = Usensed Essement; DE = Lawest Floor Elevation; LP = Light Pole; (M) = Measured Dimension; ME = Maintenance Essement; MN = Month; NSOD 1929 = National Geodetic Vertical Datum of 1929; NIS = Not To Scale; DE = Overhead Cables; OH = Over Hang; ORB = Official Resord Book; O/S = Off Searce; PL = Planter or Property Line; PLS = Professional Land Surveyor; PLSM = Frances Curve; PCM = Permanent Esterance Maintenance Tagening; PC = Point Of Commence matrix FFC = Point Of Comment. Hereinse Wanument; PT = Point Of Tangency; R = Radus; (R) = Recorded Dimension; RLS = Registered Land Surveyor and Mapper; R/R = Parament Reference Maint Can Stanweyor ond Mapper; R/R = Parament Radue PH Stoß; UE = Utility Essemant; UP = Utility Polic; UY = Bagit Of Way; Sec = Saction; T = Tangency; R = Radus; (R) = Recorded Dimension; RLS = Registered Land Surveyor and Mapper; R/R = Rain Road; R/W = Registered Land Surveyor and Mapper; R/R = Parament Reference Maintenance; Saction; T = Tangency; R = Radus; (R) = Recorded Dimension; RLS = Registered Land Surveyor and Mapper; R/R = Rain Road; R/W = Registered Land Surveyor a

ANDRES MONTERO

2208 NE 26 TH STREET, #1 TEL: 954.533.8259

DESIGN REVIEW BOARD FIRST SUBMITTAL 12 TOWNHOUSES - 2005-2011 & 2013-2023 CALAIS DRIVE, MIAMI BEACH FL 33141

Secretic Vertical Datum of 1929 (NGVU 1929)

lacate facting and/or foundations and/or underground improvements of any nature, if show Bearings are referred to an Assumed Meridian; if shown, Elevations are referred to National

PROPERTY SURVEY

Order No 21-0244

Aniano J. Garcia PLSM 5105

ot valid without the signature and the original raised seal

of a Florida licensed surveyor

ind mapper

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RUDY ALEMANY

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Fl. Cert. Landscape Contractor. FL.#147 Fl. Cert. Arborist. FL.#257

illusionlandscape@yahoo.com

305-773-6819

Nov. 4, 2021

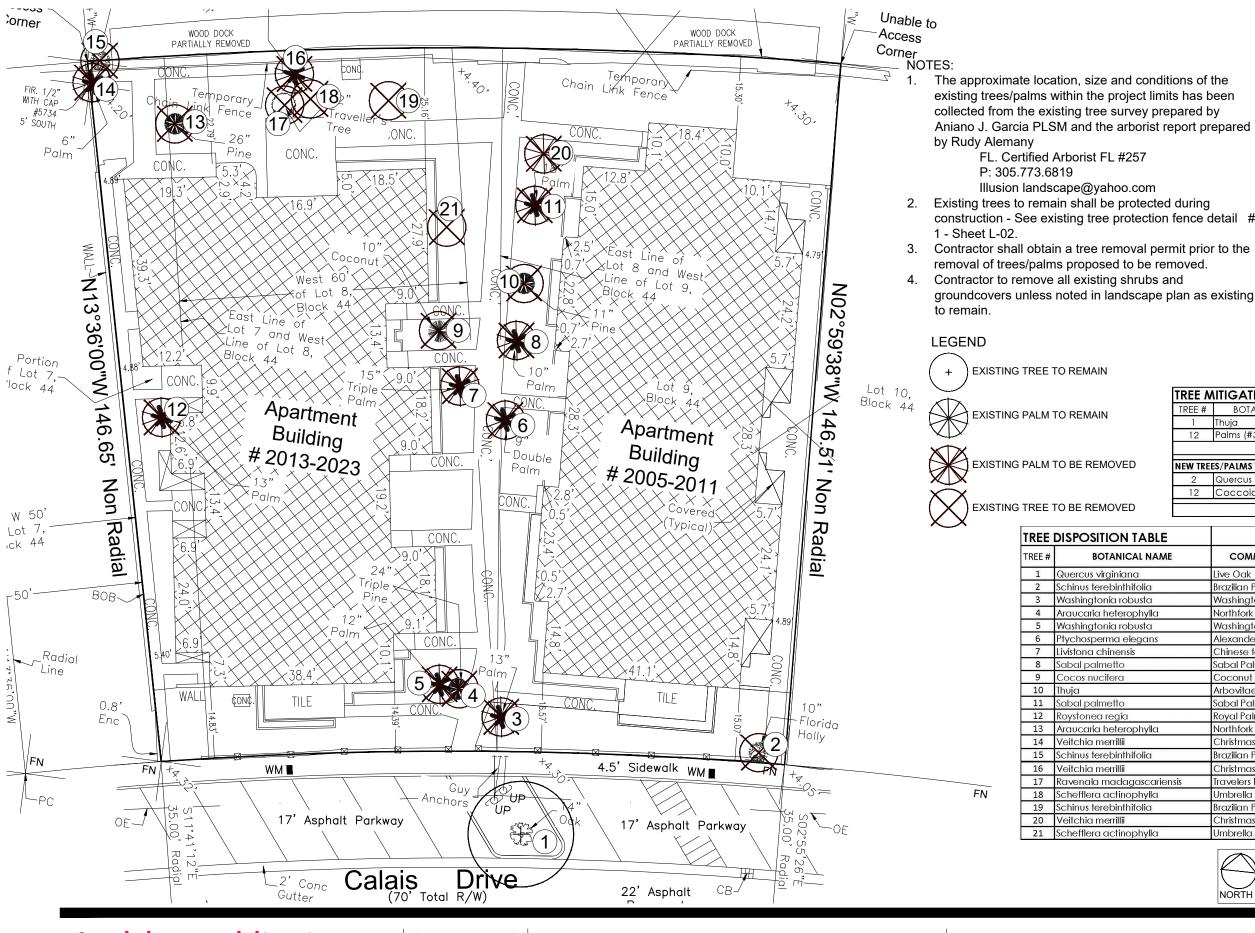
Tree survey specs; 2005-2011 & 2013-2023 Calais Dr. Miami Beach Fl. 33141

Name	Height	(DBH)	Spread
#1- Quercus virginiana	24'	12"	30'
#2- Schinus terebinthifolia (INVASIVE)			
#3- Washintonia robusta	35'	11"	10'
#4- Araucaria heterophylla (INVASIVE)			
#5- Washintonia robusta	35'	10"	10'
#6- Ptychosperma elegans	19'	6"	10'
#7- Livistonia chinensis	19'	20"	14'
#8- Sable palmetto	21'	9"	12'
#9- Cocos nucifera	30'	9"	14'
#10- Thuja	19'	11"	10'
#11- Sable palmetto	16'	13"	12'
#12- Roysonea regia	24'	10"	11'
#13- Araucaria heterophylla (INVASIVE)			
#14- Veitchia merrillii	19'	6"	7'
#15- Schinus terebinthifolia (INVASIVE)			
#16- Veitchia merrillii	21'	16"	9'
#17- Ravenala madagascariensis	22'	41"	16'
#18- Schefflera actinophylla (INVASIVE)			
#19- Schinus terebinthifolia (INVASIVE)			
#20- Veitchia merrillii	21'	6"	9'
#21- Schefflera actinophylla (INVASIVE)			



DATE: 11/08/2021

L-01



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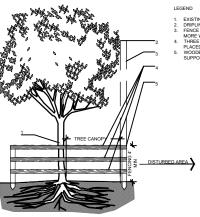
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ANDRES MONTERC

DESIGN REVIEW BOARD FIRST SUBMITTAL 12 TOWNHOUSES - 2005-2011 & 2013-2023 CALAIS DRIVE, MIAMI BEACH FL 33141

TREE DISPOSITION PLAN



ECTION ZONE SHALL BE HAND PRUNED TO HAVE A SM M A CONTINUOUS CIRCLE AROUND THE TREE OR GROUP OF TREES

DJECT - FENCE TO REMAIN IN PLACE THRO ALL TAKE EXTRA CARE DURING EARTHI

1 EXISTING TREE PROTECTION FENCE SCALE: N.T.S

REE MITIGATION TABLE - LIST OF TREES/PALMS TO BE MITIGATED				
	AIIIGAIION IABLE - L	IST OF TREES/TADA	S TO BE MITTO	PAILD
REE #	BOTANICAL NAME	COMMON NAME	DBH	CT
1	Thuja	Arbovitae	11"	
12 Palms (#3, 5, 6, 7, 8, 9,11, 12, 14, 16, 17 & 20) See Tree Disposition Table				
Total trees/palms to be mitigated 13				
EW TREES/PALMS TO MITIGATE REMOVED TREES/PALMS				
2	Quercus virginiana	Live Oak	16' ht. Std 4'	caliper. 6' CT
12	Coccoloba diversifolia	Pigeon Plum	12' ht. Std 2.5'	' cal. 4' Sprd
		MITIGATION SHORTFALL	()

	DBH INCHES	HEIGHT	SPREAD	CONDITION	STATUS
Live Oak	12"	24'	30'	Good	REMAIN
Brazilian Pepper Tree				Invasive	REMOVE
 Washingtonia Palm	11"	35'	10'	Good	REMOVE
Northfork Pine				Invasive	REMOVE
 Washingtonia Palm	10"	35'	10'	Good	REMOVE
Alexander Palm	6"	19'	10'	Good	REMOVE
 Chinese fan palm	20"	19'	14'	Good	REMOVE
 Sabal Palm	9"	21'	12'	Good	REMOVE
 Coconut Palm	9"	30'	14'	Good	REMOVE
Arbovitae	11"	19'	10'	Fair	REMOVE
 Sabal Palm	13"	16'	12'	Good	REMOVE
 Royal Palm	10"	24'	11'	Good	REMOVE
 Northfork Pine				Invasive	REMOVE
Christmas Palm	6"	19'	7'	Good	REMOVE
 Brazilian Pepper Tree				Invasive	REMOVE
Christmas Palm	16"	21'	9'	Good	REMOVE
 Travelers Palm	4]"	22'	16'	Good	REMOVE
Umbrella Tree				Invasive	REMOVE
Brazilian Pepper Tree				Invasive	REMOVE
 Christmas Palm	6"	21'	9'	Good	REMOVE
 Umbrella Tree				Invasive	REMOVE

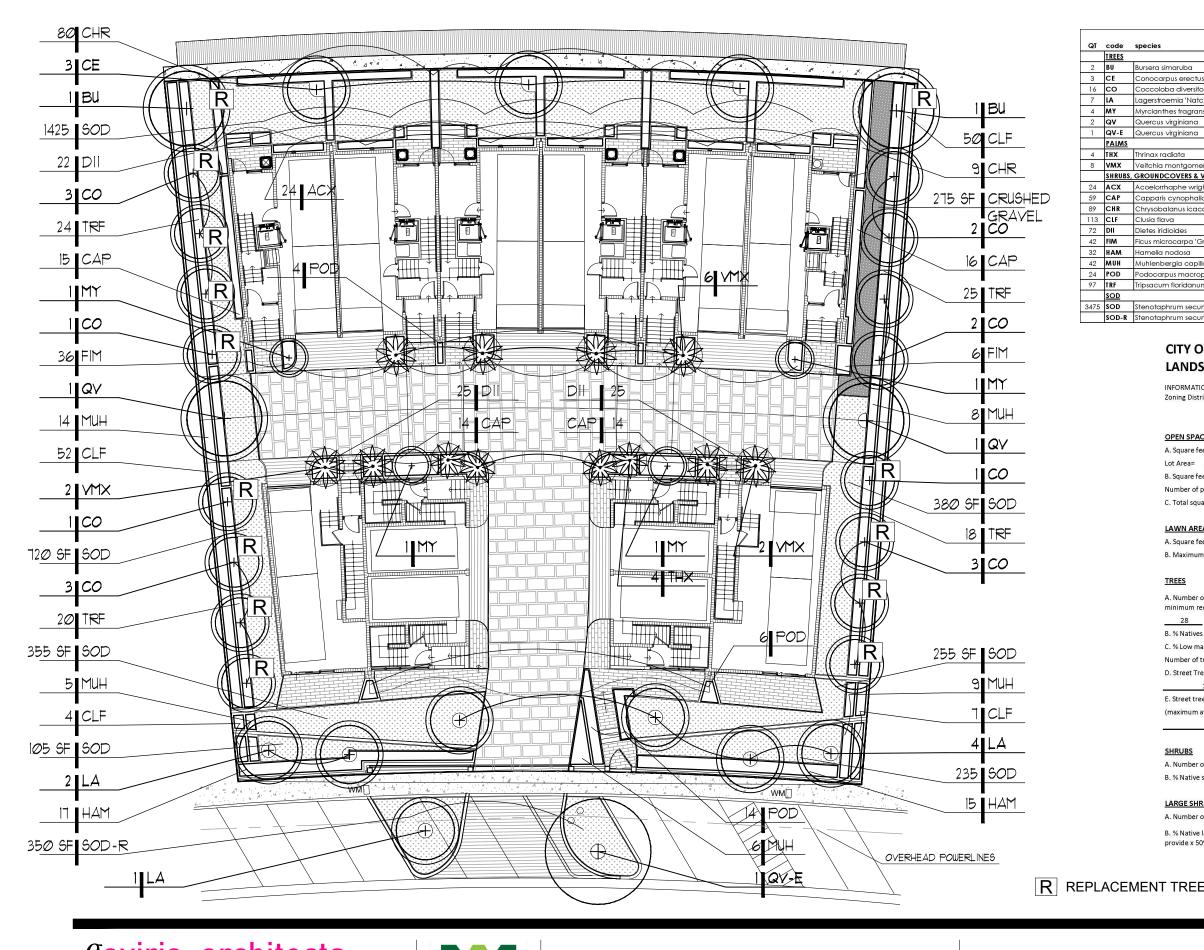
GRAPHIC	CSCALE		
(\rightarrow)			
NORTH 0'	20'	40'	60'

L-02

DATE:

11/08/2021





LANDSCAPE PLAN

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DESIGN REVIEW BOARD FIRST SUBMITTAL 12 TOWNHOUSES - 2005-2011 & 2013-2023 CALAIS DRIVE, MIAMI BEACH FL 33141

B. % Natives C. % Low ma Number of t D. Street Tre

2 BU

7 LA

4 MY

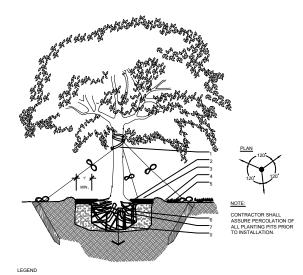
2 QV

SHRUBS A. Number o B. % Native

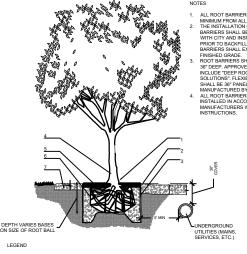
	drought			container				
হা	code	species	common name	tolerance	native	specifications	size	spacing
	<u>TREES</u>							
2	BU	Bursera simaruba	Gumbo Limbo	High	yes	14' ht. Std 3.5" caliper. 6' CT	FG	as shown
3	CE	Conocarpus erectus	Green Buttonwood	High	yes	14' ht. Std 3.5" caliper. 6' CT	FG	as shown
16	со	Coccoloba diversifolia	Pigeon Plum	High	yes	12' ht. Std 2.5" cal. 4' Sprd	45 gal.	as showr
7	LA	Lagerstroemia 'Natchez'	Natchez Crape Myrtle	High	no	14' ht. 3.25" DBH. 4.5' CT	FG	as shown
4	MY	Myrcianthes fragrans	Simpson's Stopper	High	yes	12' x 5' spr. 2" DBH Std	FG	as shown
2	QV	Quercus virginiana	Live Oak	High	yes	16' ht. Std 4" caliper. 6' CT	FG	as shown
1	QV-E	Quercus virginiana	Live Oak	High	yes	existing		
	PALMS		-	-	-			-
4	THX	Thrinax radiata	Florida Thach Palm	High	yes	8' O.A /Straight trunk	FG	as showr
8	VMX	Veitchia montgomeriana	Motgomery Palm	Medium	no	12' O.A./Single- Full head	FG	as showr
	SHRUBS,	GROUNDCOVERS & VINES	-		-			-
24	ACX	Acoelorrhaphe wrightii	Paurotis Palm	Medium	yes	8'Ht O.A, Clump	FG	42" O.C
59	CAP	Capparis cynophallophora	Jamaican Caper	High	yes	18" ht x 18" spr.	3 Gal.	24" O.C.
39	CHR	Chrysobalanus icaco 'Red Tip'	Red Tip Cocoplum	Medium	yes	30" O.A.	7 Gal.	30" O.C.
13	CLF	Clusia flava	Small Leaf Clusia	High	yes	30" Ht.	7 Gal.	30" O.C.
2	DII	Dietes iridioides	African Iris	Medium	no	18" O.A./ Full Clump	1 Gal.	24" O.C.
12	FIM	Ficus microcarpa 'Green Island'	Green Island Ficus	High	naturalized	18" O.A.	7 Gal.	24" O.C.
32	HAM	Hamelia nodosa	Dwarf Firebush	Medium	yes	30" ht x 24" spr.	7 Gal.	36" O.C.
12	MUH	Muhlenbergia capillaris	Pink Muhly Grass	High	yes	30" O.A./ Full Clump	3 Gal.	30" O.C.
24	POD	Podocarpus macrophyllus	Podocarpus	High	no	36" Ht.	7 Gal.	30" O.C.
7	TRF	Tripsacum floridanum	Dwarf Fakahatchee Grass	Medium	yes	24" O.A./ Full Clump	3 Gal.	30" O.C.
	SOD							
175	SOD	Stenotaphrum secundatum	St. Augustine Grass		yes	Staggerd Panels		
	SOD-R	Stenotaphrum secundatum	St. Augustine Grass		yes	Staggerd Panels		

CITY OF MIAMI BEACH LANDSCAPE LEGEND

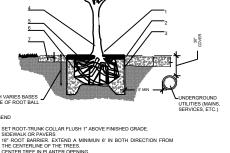
red Open Space as indicat 7s.f.x55% ng lot open space required ces24x 10 s.f. par	= 11570		REQUIRED/ ALLOWED 11570	PROVIDED 7004
7s.f.x55% ng lot open space required	= 11570	N - 1	11570	7004
7s.f.x55% ng lot open space required	= 11570	21 I	11570	7004
ng lot open space required		71	11570	7004
	d as indicated on			
ces <u>24</u> x 10 s.f. par		site plan:		
			240	240
andscape open space req	luired: A+B=		11810	7244
ATION				
cape open space required			11810	
(sod) permitted=	30	<u>3543</u> s.f.	3543	3475
	re, less existing n	umber or trees meeting		
0.48 net	lot acres - numbe	r of existing trees =	14	28
Number of trees provided	x 30%=		5	28
/ drought and salt tolerar	nt required:			
ed x 50%=			7	28
um average spacing of 20	' o.c.)			
linear feet along street divided by 20'=				7
lowed directly beneath p	ower lines:			_
linear feet along str	eet divided by 20	'=		
auirad. Cum of lat and at	root troop roquire		3.53	594
		a x 12=	-	
lirea: Number of shrubs p	provided x 50%=		126	456
ubs or small trees require	d: Number of req	uired shrubs x 10%=	25	28
s or small trees required:	Number of large	shrubs or small trees	13	28
GRAPHI	C SCALE			
	0 00, 122			
		20'	40'	60'
	i (sod) permitted= juired per lot or net lot ac is= 0.48 net Number of trees providec / drought and salt tolerar ed x 50%= um average spacing of 20 linear feet along str llowed directly beneath p acing of 20' o.c.): linear feet along str linear feet along str inear feet along str sciured: Sum of lot and st uired: Number of shrubs p MALL TREES ubs or small trees required:	cape open space required (sod) permitted= 30 (uired per lot or net lot acre, less existing n (s= 0.48 net lot acres - number Number of trees provided x 30%= / drought and salt tolerant required: ed x 50%= (um average spacing of 20' o.c.) [linear feet along street divided by 20] Howed directly beneath power lines: acing of 20' o.c.): [linear feet along street divided by 20] equired: Sum of lot and street trees required uired: Number of shrubs provided x 50%= MALL TREES ubs or small trees required: Number of required: os or small trees required: Number of large GRAPHIC SCALE	cape open space required (sod) permitted= <u>30</u> <u>3543</u> s.f. urifed per lot or net lot acre, less existing number or trees meeting <u>s</u> <u>0.48</u> net lot acres - number of existing trees = Number of trees provided x 30%= / drought and salt tolerant required: ed x 50%= urm average spacing of 20' o.c.) linear feet along street divided by 20'= llowed directly beneath power lines: acing of 20' o.c.): linear feet along street divided by 20'= equired: Sum of lot and street trees required x 12= uired: Number of shrubs provided x 50%= MALL TREES ubs or small trees required: Number of required shrubs x 10%= to so remail trees required: Number of large shrubs or small trees	cape open space required 11810 a (sod) permitted= 30 3543 s.f. 3543 uured per lot or net lot acre, less existing number or trees meeting (s= 14 14 0.48 net lot acres - number of existing trees = 14 14 Number of trees provided x 30%= 5 7 / drought and salt tolerant required: 7 10 um average spacing of 20' o.c.) 11 7 Ilnear feet along street divided by 20'= 7 7 Ilnear feet along street divided by 20'= 7 10 Inear feet along street divided by 20'= 126 126 equired: Sum of lot and street trees required x 12= 252 126 MALL TREES 126 13 13 GRAPHIC SCALE 13 13



ED 360 AROUND TRUNK BEFORE TYING- WRAP @ LATERAL B



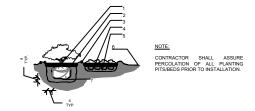
ROOT BARRIER INSTALLATION d-2006





WITH TOPSOIL OR AMENDED TOPSOIL

SCALE: N.T.S



SCALE: N.T.S

2 LARGE TREE

PLANT MATERIAL SHALL BE PLANTED 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOT BALL 3" MINIMUM OF MULCH

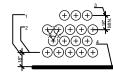
"MINIMUM OF MULCH SOLI BERM TO HOLD WATER WINIMUN DEPTH OF 12" PLANTING SOIL FOF EXCAVATE ENTIRE BED SPECIFIED FOR GP FINISHED GRADE (SEE GRADING PLAN)

IN STRAPPING W/RUBBER HOSE-WRAP

IS OFECIFIED WIIN, 29 FROM TROMA TO HOLD WATER KES BURIED 3" BELOW FINISHED GRADE. RADE - SOD CONDITION (SEE GRADING PLAN). NTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQ PLANTING SOL AS SPECIFIED.

NOTE: WHEN GROUNDCOVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE EXCAVATED TO RECEIVE PLANTING SOIL & PLANT MATERIAL LINEESS NOTED OTHERWISE

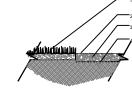
(7) SHRUBS & GROUNCOVERS SCALE: N.T.S



K FOR GROUNDCOVER AND ANNUALS. E MIN. 18" SPACING BETWEEN DIFFERENT PLANT TYPES.

GULAR SPACING EXCEPT

9 TYPICAL PLANT SPACING SCALE: N.T.S

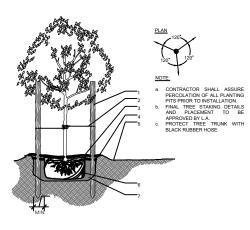


SOD (PROVIDE CLEAN, SMOOTH EDGE BETWEEN SOD AND, MULCHED AREAS 3" MULCH (SEE SPECIFICATION

ALL MULCH SHALL BE FREE OF FIRE ANTS AND DEBRIS

NOTE:

SCALE: N.T.S



IEND THREE 2%4%8° STAKES SPACE EVENLY AROUND TREE PAINTED BROWN. #10 GUAGE WIRE. 3° MINIMUM OF MULCH. SOLI BERN TO HOLD WATER. FINISHED GRADE (SEE GRADING PLAN). B&B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS). PREPARED PLANTING SOIL AS SPECIFIED.		3. 4. 5. 6. 7. 8. 9.	2 INTON STARFY STAKES THREE_222X8 STAKES S'INUCH AS SPECIFIED SOIL BERN TO HOLD WATER. FINISHED GRADE - SOD CONDITION I B& OR CONTAINERIZED (SEE SPEC PREPARED PLANTING SOIL AS SPEC AUGER PER SPECS FOR PERCOLAT MULCH CONTINUES - SHRUB BED C
SMALL TREE	d-Small tree.dwg	(5)	MULTI-TRUNK TREE
SECTION	SCALE: N.T.S	(3)	SECTION

(4)LEGEND:

1. Before construction begins, the Landscape Contractor is responsible for locating all underground utilities and must avoid damaging any services during construction. If any damage occurs by fault of the Contractor, the necessary repairs must take place at the Landscape Contractor's expense and under the supervision of the Owner's representative.

DÓT BALL REQUI

SCALE: N.T.S

- 2. All proposed trees and plant materials shall be graded as Nursery Grade Florida No. 1 or better as outlined by the Florida Department of Agriculture and Consumer Services, Division of Plant Industry "Grades and standards for Nursery Plants", most current edition. All planting shall be done in accordance with the Florida Nurserymen's and Grower's Association approved practices
- 3. In addition to these requirements the Landscape Contractor shall comply with all local landscape codes and requirements as part of this base bid and contract in order to satisfy the review and approval of the governing agency.
- All screening hedges shall be planted and maintained in a way that they form a continuous visual screen. Screening hedges at VUA to be maintained at a minimum height of thirty (30) inches.
- All planting beds shall be excavated to a minimum depth of twenty-four (24") inches and backfilled with a suitable soil. All plant material shall be planted in planting soil that is delivered to the site in a loose, clean and friable condition. The planting soil shall be the approximate proportions as follows: 50% sand and 50% organic material consisting of native peat, well-decomposed sawdust, leaf mold and top soil. It shall provide a good pliable and thoroughly mixed medium with adequate aeration, drainage and water-holding capacity. It shall also be free of all extraneous debris, such as roots, stones, weeds, etc.
- All trees/palms and shrubs shall be fertilized with "Agriform" 20-10-5 planting tablets as per the manufacturers specifications at the time of installation and prior completion of pit backfilling also in 6. conjunction with note #5. Tablets to be placed uniformly around the root mass at a depth that is between the middle and bottom of root mass at an application rate of: One (1) - 21 gram tablet for 1 gal container, two (2)- tablets for 3 gal container, three (3)- tablets for 5 gal container, four (4)-tablets for 7 gal container, three (3)-tablets for each 1/2 inch of tree caliper, and seven (7) tablets for palms. Ground Cover areas shall receive fertilization with "Ozmocote" time release fertilizer as per manufacturer's specification.
- 7. All plant beds shall receive a 3" layer of organic mulch, which is to be watered-in after installation. Mulch should be at least six (6) inches away from any portion of a structure or tree trunk and three (3) inches away from the base of shrubs. The use of Cypress mulch is discouraged.
- All plant material shall be thoroughly watered in at the time of planting and until landscape material is established. No dry material shall be permitted
- 9. The plant material schedule is presented for the convenience of the Landscape Contractor. In the event of a discrepancy between the plan and the plant key, the plan shall prevail.

ED PLANTING SOIL AS SPECIFIED

- 10. Plants shall meet size, container, and spacing specifications. Any material not meeting specifications shall be removed and replaced at the contractor's expense.
- 11. All tree and shrub locations shall be approved by Landscape Architect prior to planting.
- 12. The Landscape Contractor shall grade planting beds, as required, to provide positive drainage and promote optimum plant growth. 13. The Landscape Contractor shall be responsible for examining fully both the site and bid documents. Discrepancies in the documents or the actual site conditions shall be reported to the Landscape Architect in writing at the time of bidding or discovery. No account shall be made after contract completion for failure by the Landscape Contractor to report such condition or for errors on the part of the Landscape Contractor at the time of bidding.
- 14. The Landscape Contractor shall be responsible for securing all necessary applicable permits and licenses to perform the work set forth in this plan set and the specifications.
- 15. Plant material shall be bid as specified unless unavailable, at which time the Landscape Architect shall be notified in writing of intended changes.
- 16. All guestions concerning the plan set and/or specifications shall be directed to the Landscape Architect.
- 17. There shall be no additions, deletions or substitutions without written approval of the Landscape Architect.
- 18. The Landscape Contractor shall guarantee, in writing, plant survivability. Trees and palms for twelve (12) months, shrubs and groundcovers for ninety (90) days and sod for sixty (600 days from final acceptance by the Owner or Owner's representative
- 19. All dimensions to be field-checked by the Landscape Contractor prior to landscape material installation. Discrepancies shall be reported immediately to the Landscape Architect. 20. All materials must be as specified on the landscape plan. If materials or labor do not adhere to specifications, they will be rejected by the Landscape Architect with proper installation carried out by the
- Landscape Contractor at no additional cost.
- 21. Existing sod shall be removed as necessary to accommodate new plantings
- 22. All existing trees on site shall be protected from damage during construction See existing tree protection fence detail
- 23. Any existing landscape and hardscape areas that are unnecessarily disturbed during the landscape installation shall be restored to original conditions by the Landscape Contractor.
- 24. The Landscape Contractor will be responsible for the collection, removal, and proper disposal of any and all debris generated during the installation of this project.
- 25. All landscape areas to have a positive drainage away from buildings and structures. Finished grade of landscape areas to be at or below the grade of adjacent sidewalks, slabs or VUA
- 26. All shade and medium trees installed within 6' of a public infrastructure shall utilize a root barrier system.

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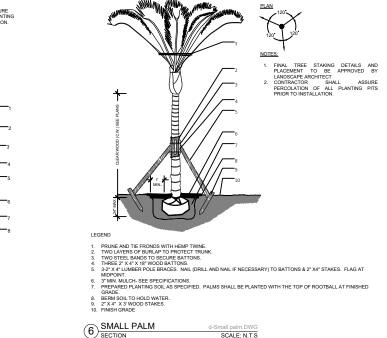
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DESIGN REVIEW BOARD FIRST SUBMITTAL 12 TOWNHOUSES - 2005-2011 & 2013-2023 CALAIS DRIVE, MIAMI BEACH FL 33141

LANDSCAPE DETAILS & GENERAL NOTES

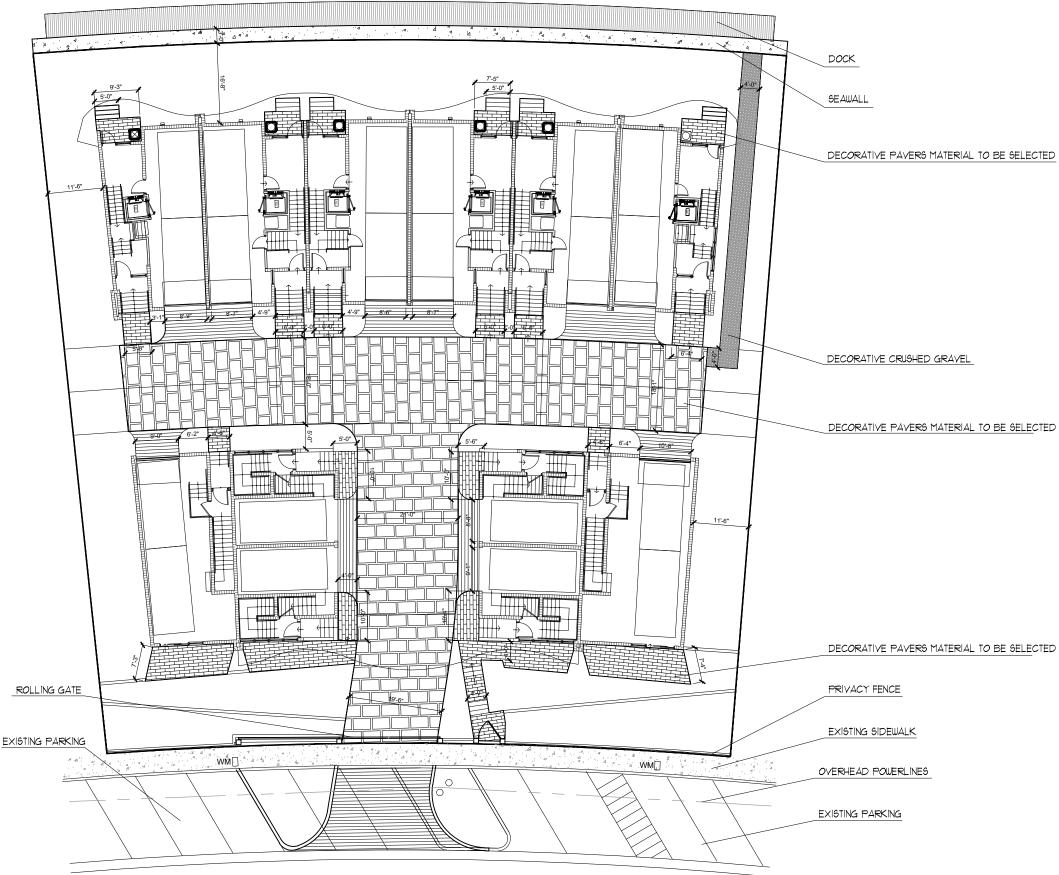




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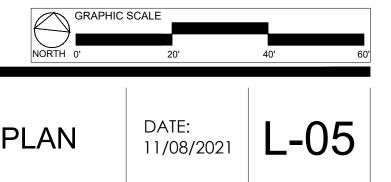
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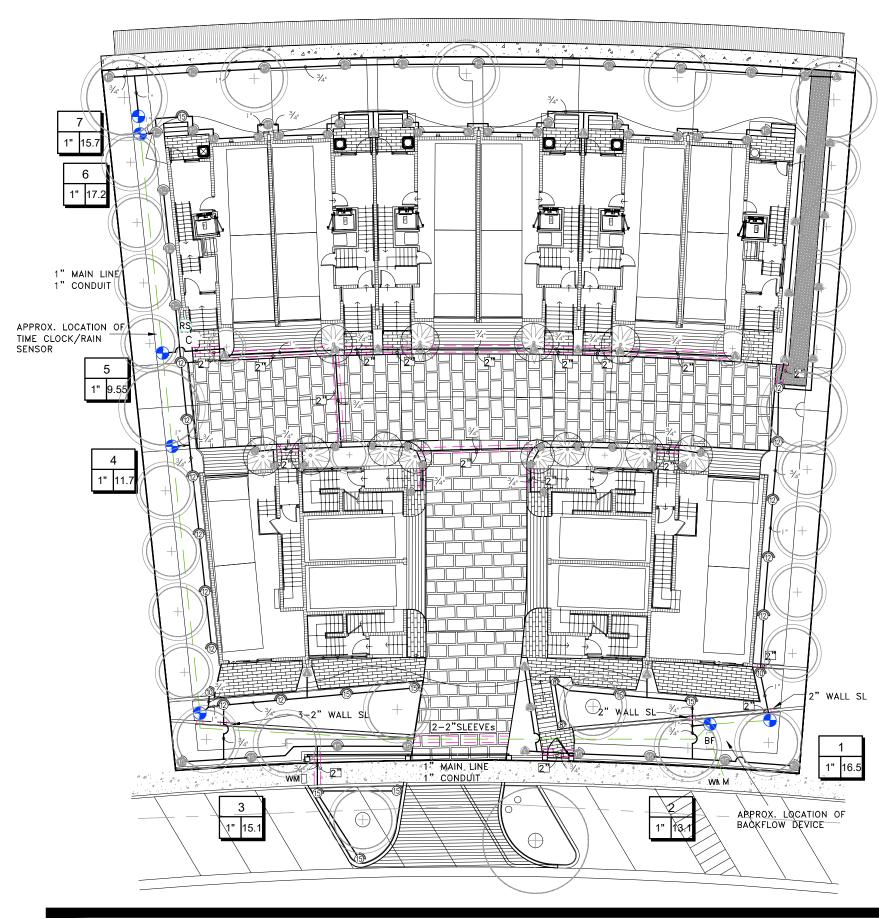
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HARDSCAPE PLAN





IRRIGATION SCHEDULE

	—
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
🕲 🕲 🕲 🕲 Q Т Н Г	Hunter PROS-06 8` radius Turf Spray, 6.0" Pop-Up. Co-molded wiper seal with UV Resistant Material.
Ф Ф Ф Ф о т н ғ	Hunter PROS-OG 10` radius Turf Spray, 6.0" Pop-Up. Co-molded wiper seal with UV Resistant Material.
<u>@@@@@</u> т н п ю ғ	Hunter PROS-OG 12` radius Turf Spray, 6.0" Pop-Up. Co-molded wiper seal with UV Resistant Material.
<mark>®®®©</mark> ® тнтiq f	Hunter PROS-OG 15` radius Turf Spray, 6.0" Pop-Up. Co-molded wiper seal with UV Resistant Material.
CS RCS CS SS	Hunter PROS-12 5` strip spray Shrub Spray, 12.0" Pop-Up. Co-molded wiper seal with U Resistant Matenal.
Q T H F	Hunter PROS-128` radius Shrub Spray, 12.0" Pop-Up. Co-molded wiper seal with U Resistant Matenal.
ф 🖗 🍘 🍥 q т н ғ	Hunter PROS-12 10` radius Shrub Spray, 12.0" Pop-Up. Co-molded wiper seal with U Resistant Material.
	Hunter PROS-12 12` radius Shrub Spray, 12.0" Pop-Up. Co-molded wiper seal with L Resistant Material.
T H TT TQ F	Hunter PROS-12 15` radius Shrub Spray, 12.0" Pop-Up. Co-molded wiper seal with L Resistant Material.

GENERAL NOTES

1

15

1. 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.

2. 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.

3. Install all backflow prevention devices and all piping between the point of connection and the backflow preventer as per local codes

4. Final location of the backflow preventer and automatic controller shall be

approved by the owner's authorized representative. 5. 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. 6. All sprinkler heads shall be set perpendicular to finish grade unless otherwise specified. 7. The irrigation contractor shall flush and adjust all sprinkler heads and valves

for optimum spray with minimal overspray onto walks, streets, walls, etc.

8. This design is diagramatic. 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.

9. 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.

10. 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.

11. All sprinkler equipment not otherwise detailed or specified shall be installed as per manufacturer's recommendations and specifications.

12. The irrigation contractor shall install check values on all heads in areas where finish grade exceeds 4:1, where post value shut-off draining, of the irrigation head occurs or as directed by the owner's authorized representative 13. 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. 14. All control wires shall be installed in PVC conduit.

15. All remote control valves, gate valves, quick couplers, control wire and computer cable pull points shall be installed in approved valves boxes with covers.

16. The installation devices are to be guaranteed for the period of (1) year from the date of final acceptance.

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NORTH 0'

DATE: 11/08/2021 L-06

30 UV/

30

PSI

30

30

30

С Hunter PC-400 with (OI) PCM-300 Light Commercial & Residential Controller, 7-station expanded module controller, 120 VAC, Outdoor model 30 RS Hunter MINI-CLIK Rain Sensor, mount as noted 30 UV Water Meter I" Irrigation Lateral Line: PVC Schedule 40 30 υv ____ Irrigation Mainline: PVC Schedule 40 Pipe Sleeve: PVC Schedule 40 30 UV Valve Callout # • #" #•

Thurdene

PRO C-7

RES TO REMOTE CONTRO

CONTROLLER

HUNTER ICV VALVE

PVC SCH 40 CONDUIT

PVC SCH 80 NIPPLE PVC SCH 40 ELL

-PVC SCH 80 NIPPLE (LENGTH AS REQUI -SCH 40 TEE OR DUCTLE IRON SERVICE TEE SEE SPEC. SHEET FOR DETAIL

PROS-12 SPRAY HEAD

PVC LATERAL PP

20'

POP-UP SPRAY SPRINKLER ON RISER

GRAPHIC SCALE

SYMBOL

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BF

MANUFACTURER/MODEL/DESCRIPTION

highest point in the downstream piping.

Valve Numbe

Valve Flow

Valve Size

1", 1-1/2", 2", and 3" Plastic Electric Remote Control Valves, Globe Configuration, with NPT Threaded Inlet/Outlet, for

Pressure Vacuum Breaker, brass with ball valve SOV. Install I 2" (305MM) above highest downstream outlet and the

HUNTER MINI CUR RWN SENSOR - INSTAU IN AN OPEN AREA WHERE RAIN SENSOR IS IS EXPOSED TO UNOBSTRUCTED RAINFA AND IS CLEAR OF DEPARTM SEDEMY

COMMON WIRE TO

TYPICAL CONTROLLE

)lateral tee or ell

STATIONS

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FERNINGY

AUTOMATIC RAIN SENSOR

PROS-06 SPRAY HEAD

SPRAY HEAD

BACKFLOW PREVENTER

OUT TO SPRINKLER SYSTEM

IN FROM WATER METER

40'

Hunter ICV-G

Febco 765 I"

Commercial/Municipal Use.