



- LEGEND**
- 1. Building
 - 2. Driveway
 - 3. Pedestrian Entrance
 - 4. Sidewalk
 - 5. Private Patio (typ)
 - 6. Existing Oak Tree
 - 7. Shade Tree
 - 8. Medium Tree
 - 9. Slender Trunk Palm
 - 10. Small Palm
 - 11. Privacy Hedge
 - 12. Sod
 - 13. Decorative Crushed Shell

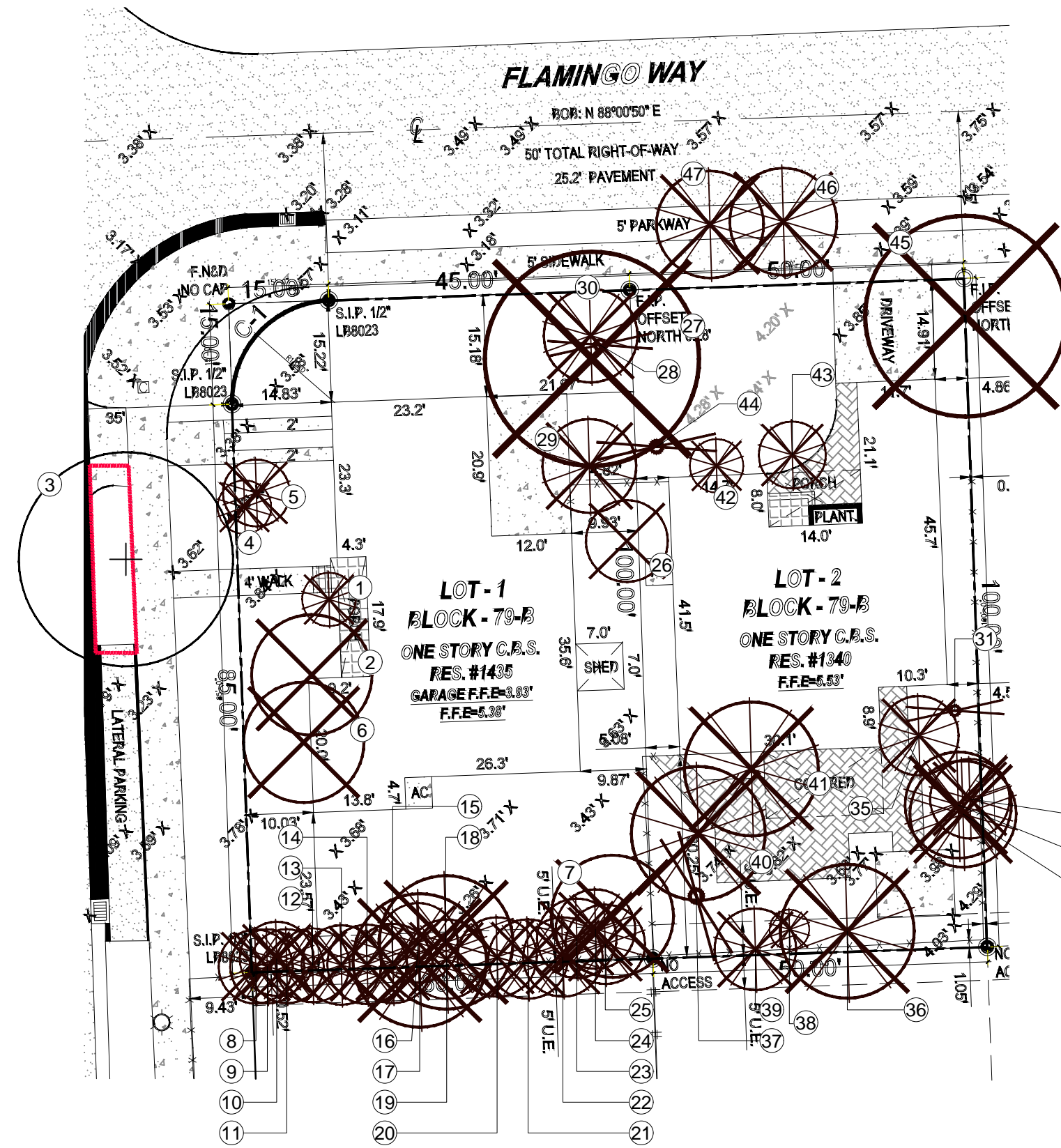
ANDRES MONTERO, P.L.A., A.S.L.A.
 STATE OF FLORIDA
 REGISTRATION NO. LA6666973
 SEAL / SIGNATURE

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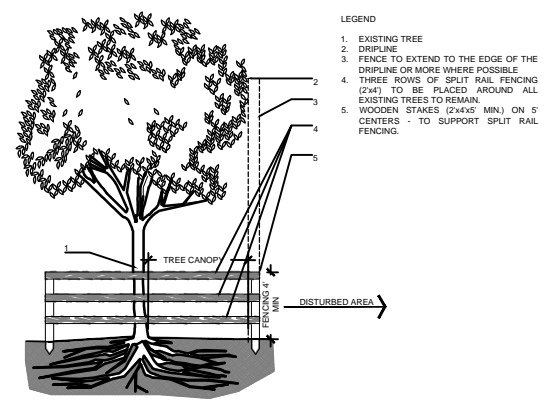
GRAPHIC SCALE
 NORTH 0' 20' 40' 60'

Sunshine State
 One Call **811**
 Know what's below.
 Call before you dig.

PERMIT SET - NOT FOR CONSTRUCTION



TREE #	BOTANICAL NAME	COMMON NAME	DBH (in)	HEIGHT (ft)	CANOPY (ft)	CRZ/TPZ (ft)	CONDITION	STATUS
1	Veitchia merrillii	Christmas Palm	6	30	8	6	Fair-Good	REMOVE
2	Ficus aurea	Florida Strangler Fig	12	30	18	12	Fair-Good	REMOVE
3	Quercus virginiana	Live Oak	14	31	32	14	Fair-Good	REMAIN
4	Ilex radiata	Florida holly	5	32	8	5	Fair-Good	REMOVE
5	Ptychosperma elegans	Alexander Palm	4	31	10	4	Fair-Good	REMOVE
6	Prunus laurocerasus	Common Laurel	6	26	8	6	Fair-Good	REMOVE
7	Pandanus tectorius	Screw Pine	cluster	25	18	6	Fair-Good	REMOVE
8	Ptychosperma elegans	Alexander Palm	6	28	11	6	Good	REMOVE
9	Ptychosperma elegans	Alexander Palm	6	28	11	6	Good	REMOVE
10	Ptychosperma elegans	Alexander Palm	4	29	11	4	Good	REMOVE
11	Ptychosperma elegans	Alexander Palm	3	28	11	3	Good	REMOVE
12	Ptychosperma elegans	Alexander Palm	4	29	12	4	Good	REMOVE
13	Ptychosperma elegans	Alexander Palm	3	27	12	3	Good	REMOVE
14	Ptychosperma elegans	Alexander Palm	4	29	13	4	Good	REMOVE
15	Ptychosperma elegans	Alexander Palm	3	28	12	3	Good	REMOVE
16	Ptychosperma elegans	Alexander Palm	3	28	12	3	Good	REMOVE
17	Roystonea regia	Florida Royal Palm	15	25	20	15	Good	REMOVE
18	Roystonea regia	Florida Royal Palm	15	46	20	15	Good	REMOVE
19	Veitchia merrillii	Christmas Palm	5	25	12	5	Good	REMOVE
20	Veitchia merrillii	Christmas Palm	4	25	12	4	Good	REMOVE
21	Veitchia merrillii	Christmas Palm	3	35	12	3	Good	REMOVE
22	Veitchia merrillii	Christmas Palm	4	35	12	4	Good	REMOVE
23	Veitchia merrillii	Christmas Palm	4	35	12	4	Good	REMOVE
24	Veitchia merrillii	Christmas Palm	8	35	12	8	Good	REMOVE
25	Veitchia merrillii	Christmas Palm	4	35	12	4	Good	REMOVE
26	Robinia pseudoacacia	Black Locust	12	15	12	12	Good	REMOVE
27	Ficus aurea	Florida Strangler Fig	36	30	32	36	Good	REMOVE
28	Ravenala madagascariensis	Traveler's Palm	5	30	16	5	Fair-Good	REMOVE
29	Ptychosperma elegans	Alexander Palm	6	30	14	6	Good	REMOVE
30	Ptychosperma elegans	Alexander Palm	6	36	14	6	Good	REMOVE
31	Ravenala madagascariensis	Traveler's Palm	cluster	25	15	10	Poor	REMOVE
32	Ptychosperma elegans	Alexander Palm	8	37	12	8	Good	REMOVE
33	Washingtonia filifera	California Palm	8	35	16	8	Good	REMOVE
34	Washingtonia filifera	California Palm	10	33	16	10	Good	REMOVE
35	Ptychosperma elegans	Alexander Palm	3	37	12	3	Good	REMOVE
36	Ravenala madagascariensis	Traveler's Palm	cluster	38	20	11	Fair-Good	REMOVE
37	Ravenala madagascariensis	Traveler's Palm	cluster	38	17	11	Fair-Good	REMOVE
38	Bambusa vulgaris	Common Bamboo	cluster	38	9	6	Fair-Good	REMOVE
39	Ptychosperma elegans	Alexander Palm	6	37	12	6	Fair-Good	REMOVE
40	Cocos nucifera	Coconut Tree	11	37	20	11	Good	REMOVE
41	Cocos nucifera	Coconut Tree	10	35	20	10	Good	REMOVE
42	Ptychosperma elegans	Alexander Palm	3	32	8	3	Good	REMOVE
43	Veitchia merrillii	Christmas Palm	cluster	28	15	6	Good-5 trunks	REMOVE
44	Ravenala madagascariensis	Traveler's Palm	cluster	32	25	11	Good	REMOVE
45	Schefflera actinophylla	Umbrella Tree	42	28	30	42	Good - Prohibited Species	REMOVE
46	Cocos nucifera	Coconut Tree	8	28	16	8	Good	REMOVE
47	Cocos nucifera	Coconut Tree	8	25	16	8	Good	REMOVE



- LEGEND**
- EXISTING TREE
 - DIAPHRANE
 - FENCE TO EXTEND TO THE EDGE OF THE DIAPHRANE OR MORE WHERE POSSIBLE
 - THREE ROWS OF SPLIT RAIL FENCING (2x4) TO BE PLACED AROUND ALL EXISTING TREES TO REMAIN
 - WOODEN STAKES (2x4x6 MIN.) ON 5' CENTERS - TO SUPPORT SPLIT RAIL FENCING
- NOTES:**
- ALL EXPOSED ROOTS WITHIN ROOT PROTECTION ZONE SHALL BE HAND PRUNED TO HAVE A SMOOTH, CLEAN CUT WITHOUT TEARING OR SPLITTING
 - BARRIER TO FORM A CONTINUOUS BARRIER AROUND THE TREE OR GROUP OF TREES
 - CONTRACTOR TO INSTALL PROTECTIVE FENCE BARRIER AROUND ALL EXISTING TREES TO REMAIN - AT THE START OF THE PROJECT - FENCE TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT
 - CONTRACTOR SHALL TAKE EXTRA CARE DURING EARTHWORK AND UTILITY OPERATIONS TO PROTECT ALL EXISTING TREES - AND SHALL BE RESPONSIBLE TO REPLACE ANY TREES DAMAGED DURING CONSTRUCTION

- LEGEND**
- ⊕ EXISTING TREE TO REMAIN
 - ⊗ EXISTING PALM TO BE REMOVED
 - ⊙ EXISTING PALM TO REMAIN
 - TREE PROTECTION FENCE
 - ⊗ EXISTING TREE TO BE REMOVED
 - ⊗ TREE NUMBER

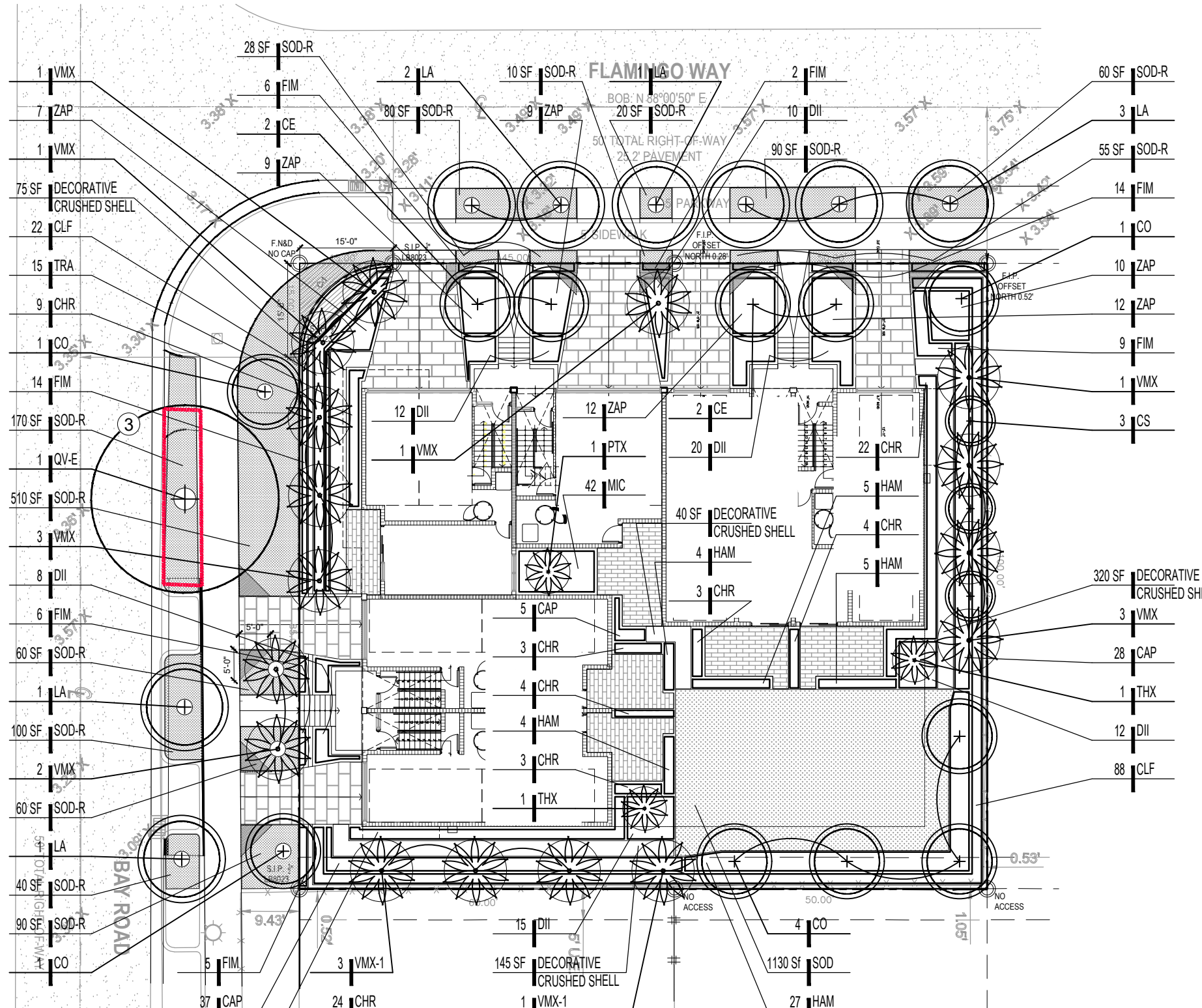
- NOTES:**
- BOUNDARY SURVEY OF THE PROPERTY PREPARED BY:
SURVEY PROS, INC.
4348 SW 74th AVE, MIAMI, FL 33155
ph: 305.767.6802
www.survey-pros.com
 - THE APPROXIMATE LOCATION, SIZE AND CONDITIONS OF THE EXISTING TREES/PALMS WITHIN THE PROJECT LIMITS HAS BEEN COLLECTED FROM THE EXISTING TREE SURVEY AND THE ARBORIST REPORT PREPARED BY:
PEDRO J. PARTIDAS CORDERO
CERTIFIED ARBORIST ISA FL-9963A
Ph: 786.218.8478
 - CONTRACTOR SHALL OBTAIN A TREE REMOVAL PERMIT PRIOR TO THE REMOVAL OF TREES/PALMS PROPOSED TO BE REMOVED.
 - CONTRACTOR TO REMOVE ALL EXISTING SHRUBS AND GROUNDCOVERS UNLESS NOTED IN LANDSCAPE PLAN AS EXISTING TO REMAIN.

1 EXISTING TREE PROTECTION FENCE d-Protection fence 1.dwg
SECTION SCALE: N.T.S.

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GRAPHIC SCALE
NORTH 0' 20' 40' 60'

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**CITY OF MIAMI BEACH
LANDSCAPE LEGEND**

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS
Zoning District RM-1 Lot area 11000 Acres 0.25

REQUIRED/ ALLOWED PROVIDED

OPEN SPACE
A. Square feet of required Open Space as indicated on site plan:
Lot Area= 11000 s.f. x 35.9 % = 3948
B. Square feet of parking lot open space required as indicated on site plan:
Number of parking spaces 12 x 3.0 s.f. parking space= 120
C. Total square feet of landscape open space required: A-B= 3948

LAWN AREA CALCULATION
A. Square feet of landscape open space required 3948
B. Maximum lawn area (sod) permitted= 30 1184 s.f. 1184 1130

TREES
A. Number of trees required per lot or net lot acre, less existing number or trees meeting minimum requirements= 28 trees x 0.25 net lot acres - number of existing trees = 7 10
B. % Natives required: Number of trees provided x 30%= 3 15
C. % Low maintenance / drought and salt tolerant required: Number of tree provided x 50%= 5 23
D. Street Trees (maximum average spacing of 20' o.c.) 203 linear feet along street divided by 20'= 10 11
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): 10 11

SHRUBS
A. Number of shrubs required: Sum of lot and street trees required x 12= 204 506
B. % Native shrubs required: Number of shrubs provided x 50%= 102 340

LARGE SHRUBS OR SMALL TREES
A. Number of large shrubs or small trees required: Number of required shrubs x 10%= 20 182
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provide x 50%= 10 182



TREE MITIGATION TABLE - LIST OF TREES TO BE MITIGATED

TREE #	BOTANICAL NAME	COMMON NAME	DBH (in)
2	Ficus aurea	Florida Strangler Fig	12
4	Plinus lauracerasus	Common Laurel	6
25	Robtiana pseudococcoloba	Black Locust	12
27	Ficus aurea	Florida Strangler Fig	36
Total tree DBH to be mitigated			66 DBH (in)
TOTAL NUMBER OF REPLACEMENT TREES REQUIRED (48" DBH)			24 Trees (2" DBH x 6' spread in Canopy x 12' ht) or 12 Trees (4" DBH x 6' spread in Canopy x 14' ht)

PALEMS TO MITIGATE

TREE #	BOTANICAL NAME	COMMON NAME	DBH (in)
1	Veitchia merillii	Christmas Palm	
8	Phycosperma elegans	Alexander Palm	
9	Phycosperma elegans	Alexander Palm	
17	Royaltonia regia	Florida Royal Palm	
18	Royaltonia regia	Florida Royal Palm	
24	Veitchia merillii	Christmas Palm	
29	Phycosperma elegans	Alexander Palm	
30	Phycosperma elegans	Alexander Palm	
31	Ravenala madagascariensis	Traveler's Palm	
32	Phycosperma elegans	Alexander Palm	
33	Washingtonia filifera	California Palm	
34	Washingtonia filifera	California Palm	
36	Ravenala madagascariensis	Traveler's Palm	
37	Ravenala madagascariensis	Traveler's Palm	
39	Phycosperma elegans	Alexander Palm	
40	Cocos nucifera	Coconut Tree	
41	Cocos nucifera	Coconut Tree	
43	Veitchia merillii	Christmas Palm	
44	Ravenala madagascariensis	Traveler's Palm	
46	Cocos nucifera	Coconut Tree	
47	Cocos nucifera	Coconut Tree	
Total Palms to be mitigated			21 Palms
TOTAL NUMBER OF REPLACEMENT TREES REQUIRED FOR PALM MITIGATION (42" DBH)			21 Trees (2" DBH x 6' spread in Canopy x 12' ht)

NEW TREES TO MITIGATE

TREE #	BOTANICAL NAME	COMMON NAME	TOLERANCE	NATIVE	SPECIFICATIONS	SIZE	SPACING
4	Conocarpus erectus	Green Buttonwood	High	yes	16' ht. Std. 4" DBH. 8' Spr. 6' CT	FG	as shown
7	Coccoloba diversifolia	Pigeon Plum	High	yes	16' ht. Std. 4" DBH. 8' Spr. 6' CT	FG	as shown
3	Conocarpus erectus 'variegatus'	Silver Buttonwood	High	yes	16' ht. Std. 4" DBH. 8' Spr. 6' CT	FG	as shown
8	Lagotisroemia 'Natchez'	Natchez Crape Myrtle	High	no	16' ht. Std. 4" DBH. 8' Spr. 6' CT	FG	as shown
2	Veitchia montgomeryana	Montgomery Palm	Medium	no	16' O.A./Single Full Head	FG	as shown
Total new tree DBH to mitigate removed trees/palms			90" DBH				
MITIGATION SHORTFALL			0				

MITIGATION SHORTFALL

QT	code	species	common name	tolerance	native	specifications	size	spacing
TREES								
4	CE	Conocarpus erectus	Green Buttonwood	High	yes	16' ht. Std. 4" DBH. 8' Spr. 6' CT	FG	as shown
7	CO	Coccoloba diversifolia	Pigeon Plum	High	yes	16' ht. Std. 4" DBH. 8' Spr. 6' CT	FG	as shown
3	CS	Conocarpus erectus 'variegatus'	Silver Buttonwood	High	yes	16' ht. Std. 4" DBH. 8' Spr. 6' CT	FG	as shown
8	LA	Lagotisroemia 'Natchez'	Natchez Crape Myrtle	High	no	16' ht. Std. 4" DBH. 8' Spr. 6' CT	FG	as shown
1	QV-1	Quercus virginiana	Live Oak	High	yes	EXISTING #3 R.O.W		as shown
PALMS								
1	PTX	Phycosperma elegans	Alexander Palm	Medium	no	12" O.A./Single- Full head	FG	as shown
2	THX	Thrinax radiata	Florida Thatch Palm	High	yes	8" O.A./Straight Trunk	FG	as shown
16	VMX	Veitchia montgomeryana	Montgomery Palm	Medium	no	12" O.A./Single- Full head	FG	as shown
4	VMX-1	Veitchia montgomeryana	Montgomery Palm	Medium	no	16" O.A./Single- Full head	FG	as shown
SHRUBS, GROUNDCOVERS & VINES								
70	CAP	Cassapa's cynophallophora	Jamaican Caper	High	yes	18" ht x 18" spr.	3 Gal.	24" O.C.
72	CHR	Chrysobalanus icaco 'Red Tip'	Red Tip Coccoloba	Medium	yes	30" ht x 30" spr.	7 Gal.	30" O.C.
110	CLF	Clusia flava	Small Leaf Clusia	High	yes	30" ht.	7 Gal.	30" O.C.
77	DII	Dialium lilioides	African Iris	Medium	no	18" O.A./ Full Clump	1 Gal.	24" O.C.
54	FIM	Ficus microcarpa 'Green Island'	Green Island Ficus	High	no	18" O.A.	7 Gal.	24" O.C.
45	HAM	Hamelia nodosa	Dwarf Firebush	Medium	yes	30" ht x 24" spr.	7 Gal.	36" O.C.
42	MIC	Miconia scolopendrium	Wart Fern	High	no	18" ht x 24" spr.	3 Gal.	18" O.C.
15	TRA	Trachelospermum asiaticum	Asiatic Jasmine	High	no	10" O.A. Full	1 Gal.	15" O.C.
59	ZAP	Zamia pumila	Coontie	High	yes	24" O.A./ Full Clump	3 Gal.	30" O.C.
SOD								
1130	SOD	Stenotaphrum secundatum	St. Augustine Grass		yes	Staggered Panels		
1373	SOD-R	Stenotaphrum secundatum	St. Augustine Grass		yes	Staggered Panels		

- NOTES:**
- ROOT BARRIERS SHALL BE INSTALLED AT ALL TREES/PALMS THAT ARE PLANTED WITHIN FIVE (5) FEET OF UNDERGROUND UTILITIES OR UTILITY EASEMENT. SEE DETAIL #5 ON SHEET L-03.
 - TREES IN GROUND FLOOR HARDSCAPE AREAS SHALL BE PLANTED IN SUSPENDED PAVER SYSTEM. SEE DETAIL #7 ON SHEET L-03.
 - ALL LANDSCAPE AREAS SHALL BE PROVIDED WITH A FULLY AUTOMATICALLY OPERATED IRRIGATION SYSTEM. IRRIGATION SYSTEM SHALL PROVIDE COMPLETE COVERAGE OF ALL PLANT MATERIALS. THIS SYSTEM SHOULD HAVE RAIN SENSOR AND SHOULD AUTOMATICALLY SHUT OFF WHEN RAINING.
 - WITHIN VISIBILITY TRIANGLES, LANDSCAPE SHALL BE MAINTAIN TO PROVIDE CLEAR VISIBILITY WITHOUT OBSTRUCTION FROM AN AREA BETWEEN THIRTY (30) INCHES AND EIGHT (8) FEET ABOVE AVERAGE ELEVATION OF THE INTERSECTION.
 - TREE PROTECTION FENCE MIGHT BE TEMPORARILY ADJUSTED AT TREES #3 TO ALLOW FOR THE CONSTRUCTION OF THE HARDSCAPE AROUND THE TREE.

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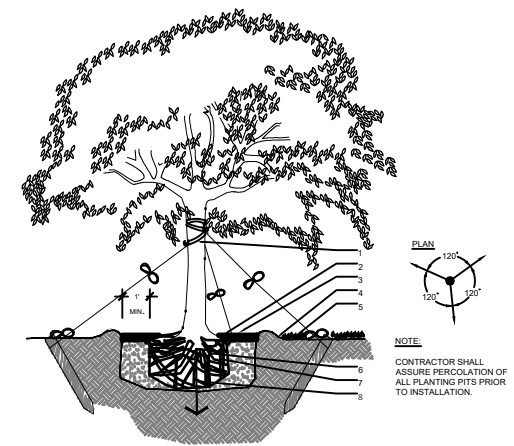
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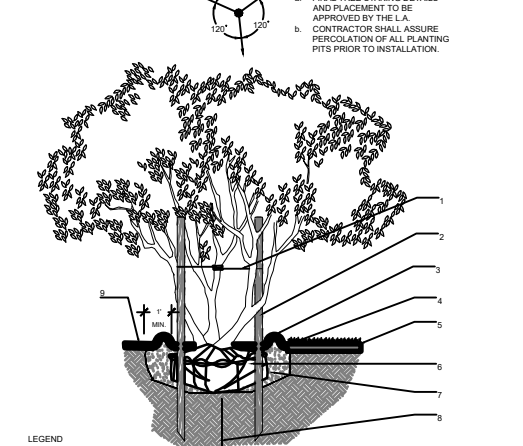
GENERAL NOTES

- 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.
- 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.
- 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 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.
- 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. Only environmental friendly mulch shall be approved, Cypress mulch shall not be accepted.
- 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.
- 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.
- Plants shall meet size, container, and spacing specifications. Any material not meeting specifications shall be removed and replaced at the contractor's expense.
- All tree and shrub locations shall be approved by Landscape Architect prior to planting.
- The Landscape Contractor shall grade planting beds, as required, to provide positive drainage and promote optimum plant growth.
- 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.
- 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.
- Plant material shall be bid as specified unless unavailable, at which time the Landscape Architect shall be notified in writing of intended changes.
- All questions concerning the plan set and/or specifications shall be directed to the Landscape Architect.
- There shall be no additions, deletions or substitutions without written approval of the Landscape Architect.
- 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 (60) days from final acceptance by the Owner or Owner's representative.
- All dimensions to be field-checked by the Landscape Contractor prior to landscape material installation. Discrepancies shall be reported immediately to the Landscape Architect.
- 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.
- Existing sod shall be removed as necessary to accommodate new plantings
- All existing trees on site shall be protected from damage during construction - See existing tree protection fence detail.
- Any existing landscape and hardscape areas that are unnecessarily disturbed during the landscape installation shall be restored to original conditions by the Landscape Contractor.
- 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.
- 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
- All shade and medium trees installed within 5' of a public infrastructure shall utilize a root barrier system.



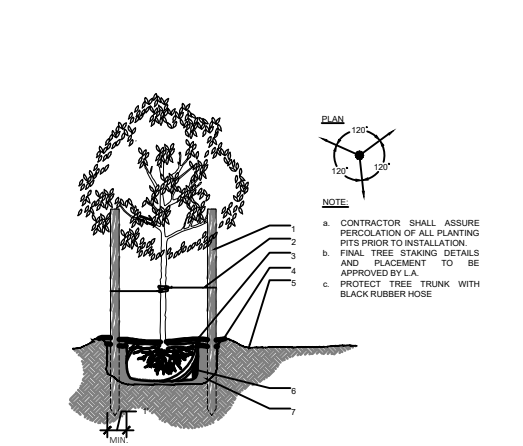
- LEGEND**
- 2" NYLON STRAPPING WRIBBER HOSE-WRAPPED 360 AROUND TRUNK BEFORE TYING-WRAP @ LATERAL BRANCH
 - 3" MULCH AS SPECIFIED MIN. 24" FROM TRUNK
 - SOIL BERM TO HOLD WATER
 - 2"x4"x8" STAKES BURIED 3" BELOW FINISHED GRADE
 - FINISHED GRADE - SOD CONDITION (SEE GRADING PLAN)
 - B&B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS)
 - PREPARED PLANTING SOIL AS SPECIFIED
 - AUGER PER SPECS FOR PERCOLATION

2 LARGE TREE SECTION *d-Large tree.dwg* SCALE: N.T.S



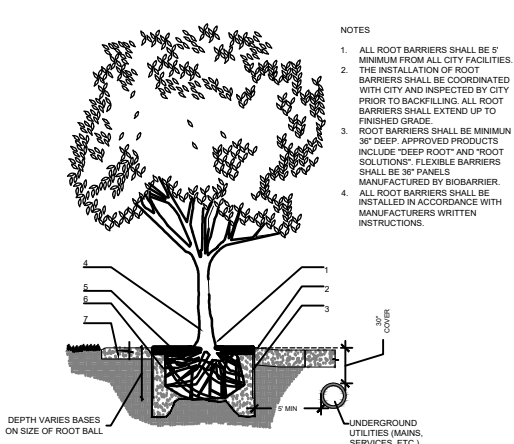
- LEGEND**
- 2" NYLON STRAPPING
 - THREE-2"x2"x8" STAKES
 - 3" MULCH AS SPECIFIED
 - SOIL BERM TO HOLD WATER
 - FINISHED GRADE - SOD CONDITION (SEE GRADING PLAN)
 - B&B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS)
 - PREPARED PLANTING SOIL AS SPECIFIED
 - AUGER PER SPECS FOR PERCOLATION
 - MULCH CONTINUES - SHRUB BED CONDITION

3 MULTI-TRUNK TREE SECTION *d-Multi-trunk tree.dwg* SCALE: N.T.S



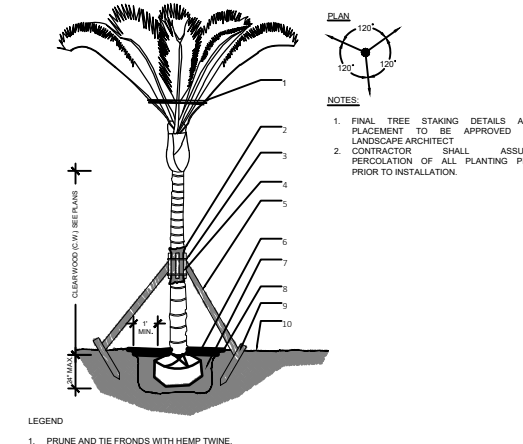
- LEGEND**
- THREE 2"x4"x8" STAKES SPACE EVENLY AROUND TREE PAINTED BROWN.
 - #10 GAUGE WIRE
 - 3" MINIMUM OF MULCH
 - SOIL BERM TO HOLD WATER
 - FINISHED GRADE (SEE GRADING PLAN)
 - B&B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS)
 - PREPARED PLANTING SOIL AS SPECIFIED

4 SMALL TREE SECTION *d-Small tree.dwg* SCALE: N.T.S



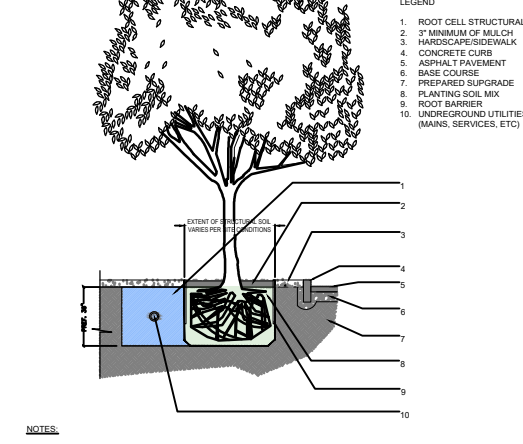
- LEGEND**
- SET ROOT-TRUNK COLLAR FLUSH 1" ABOVE FINISHED GRADE
 - SIDEWALK OR PAVERS
 - 1/2" ROOT BARRIER, EXTEND A MINIMUM 6" IN BOTH DIRECTION FROM THE CENTERLINE OF THE TREES.
 - CENTER TREE IN PLANTER OPENING
 - MULCH
 - BACKFILL WITH TOPSOIL OR AMENDED TOPSOIL
 - CONCRETE SIDEWALK

5 ROOT BARRIER INSTALLATION SECTION *d-2006-Root barrier.dwg* SCALE: N.T.S



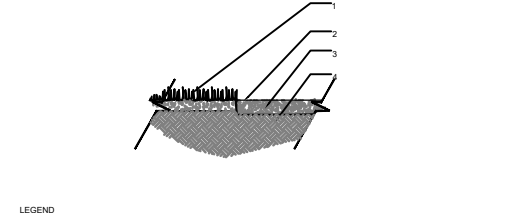
- LEGEND**
- PRUNE AND TIE FRONDS WITH HEMP TWINE
 - TWO LAYERS OF BURLAP TO PROTECT TRUNK
 - TWO STEEL BANDS TO SECURE BANDS
 - THREE 2" X 4" X 18" WOOD BATTONS
 - 3/2" X 4" LUMBER POLE BRACES, NAIL (DRILL AND NAIL IF NECESSARY) TO BATTONS & 2" X 4" STAKES. FLAG AT MIDPOINT
 - 3" MIN. MULCH - SEE SPECIFICATIONS
 - PREPARED PLANTING SOIL AS SPECIFIED. PALMS SHALL BE PLANTED WITH THE TOP OF ROOTBALL AT FINISHED GRADE
 - BERM SOIL TO HOLD WATER
 - 2" X 4" X 3" WOOD STAKES
 - FINISH GRADE

6 SMALL PALM SECTION *d-Small palm.dwg* SCALE: N.T.S



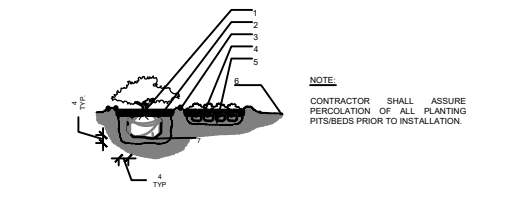
- LEGEND**
- ROOT CELL STRUCTURAL
 - 3" MINIMUM OF MULCH
 - HARDSCAPE/SIDEWALK
 - CONCRETE CURB
 - ASPHALT PAVEMENT
 - BASE COURSE
 - PREPARED SUBGRADE
 - PLANTING SOIL MIX
 - ROOT BARRIER
 - UNDERGROUND UTILITIES (MANS, SERVICES, ETC.)

7 TYPICAL ROOT CELL STRUCTURAL SECTION *d-structural soil.dwg* SCALE: N.T.S



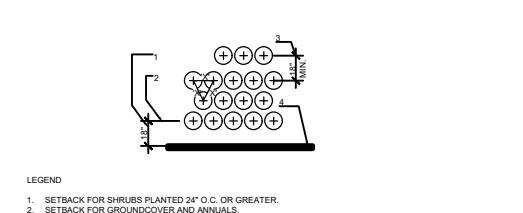
- LEGEND**
- SOD (PROVIDE CLEAN, SMOOTH EDGE BETWEEN SOD AND MULCHED AREAS)
 - 3" MULCH (SEE SPECIFICATIONS)
 - COMPLETELY REMOVE EXISTING SOD AS REQUIRED PRIOR TO PLACING MULCH
 - PLANTING SOIL (FINE RAKED AND FREE OF WEEDS AND OTHER DELETERIOUS MATERIALS, SEE SPECIFICATIONS)

7 MULCH SECTION *d-Mulch.DWG* SCALE: N.T.S



- LEGEND**
- PLANT MATERIAL SHALL BE PLANTED 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOT BALL
 - 3" MINIMUM OF MULCH
 - SOIL BERM TO HOLD WATER
 - MINIMUM DEPTH OF 12" PLANTING SOIL FOR GROUNDCOVER BED
 - EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER BED
 - FINISHED GRADE (SEE GRADING PLAN)
 - PREPARED PLANTING SOIL AS SPECIFIED

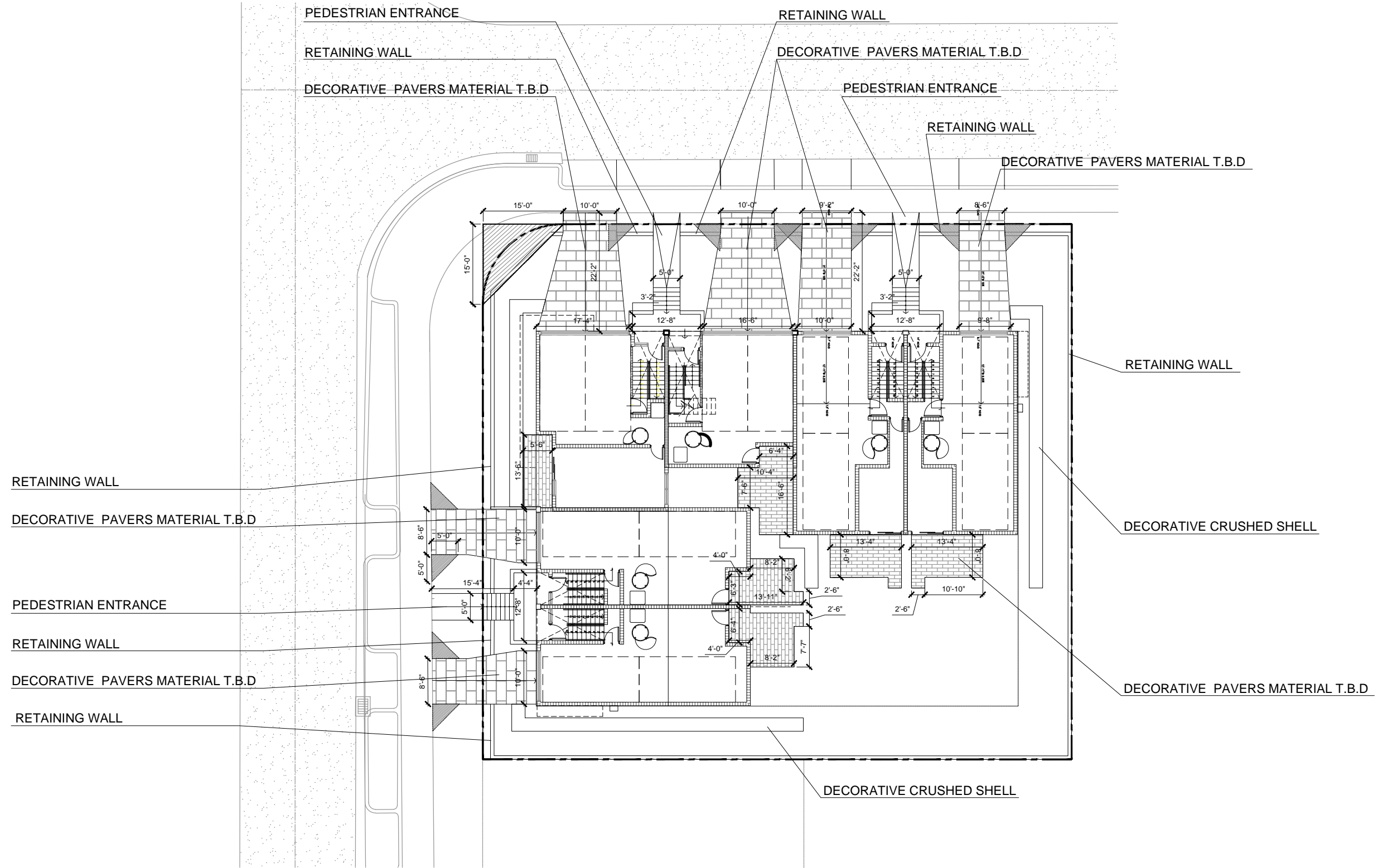
8 SHRUBS & GROUNDCOVERS SECTION *d-Shrubs and groundcovers.DWG* SCALE: N.T.S



- LEGEND**
- SETBACK FOR SHRUBS PLANTED 24" O.C. OR GREATER
 - SETBACK FOR GROUNDCOVER AND ANNUALS
 - PROVIDE MIN. 18" SPACING BETWEEN DIFFERENT PLANT TYPES
 - CURB OR EDGE OF PAVEMENT

9 TYPICAL PLANT SPACING SECTION *d-Typical spacing.DWG* SCALE: N.T.S

PERMIT SET - NOT FOR CONSTRUCTION



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