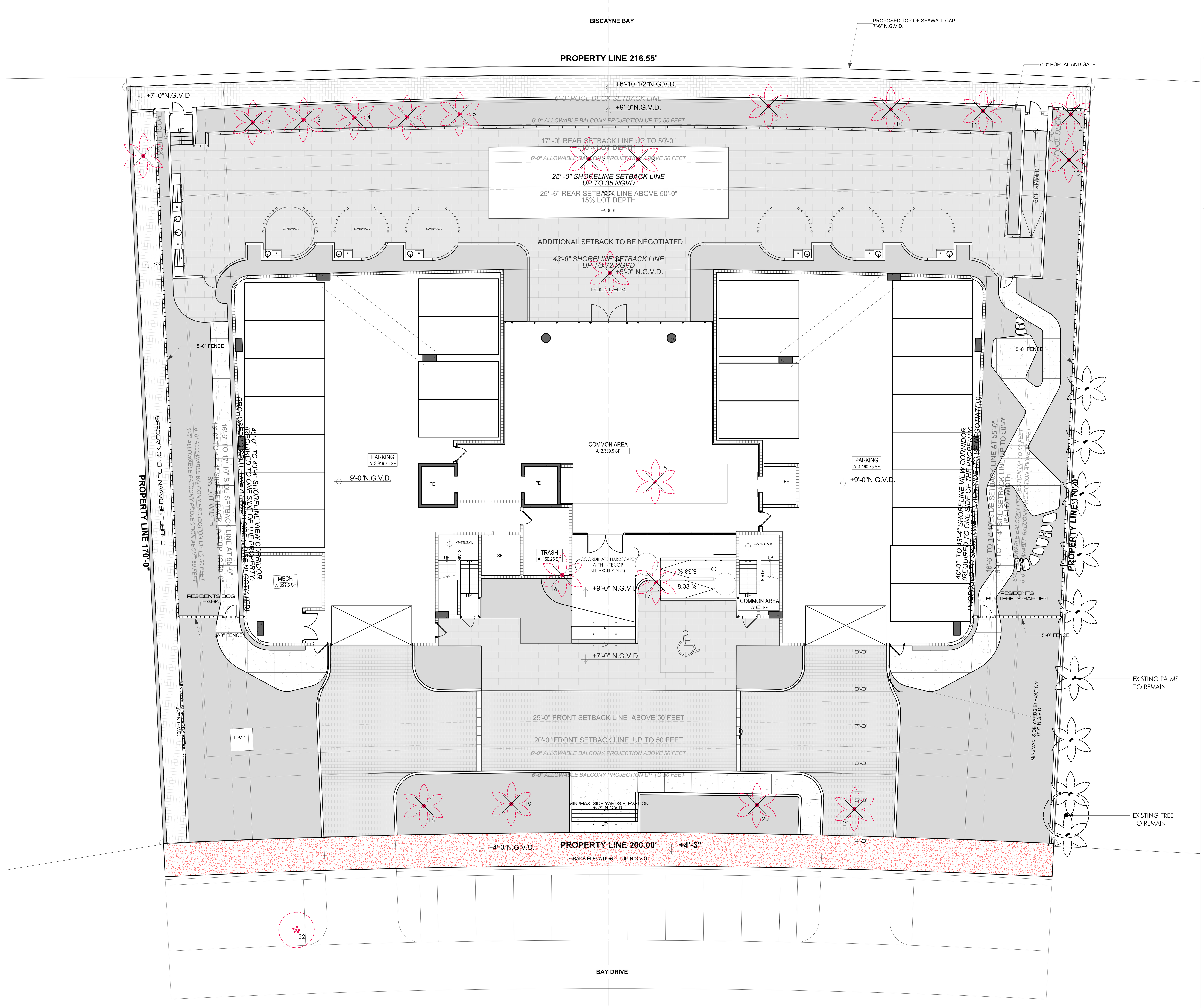
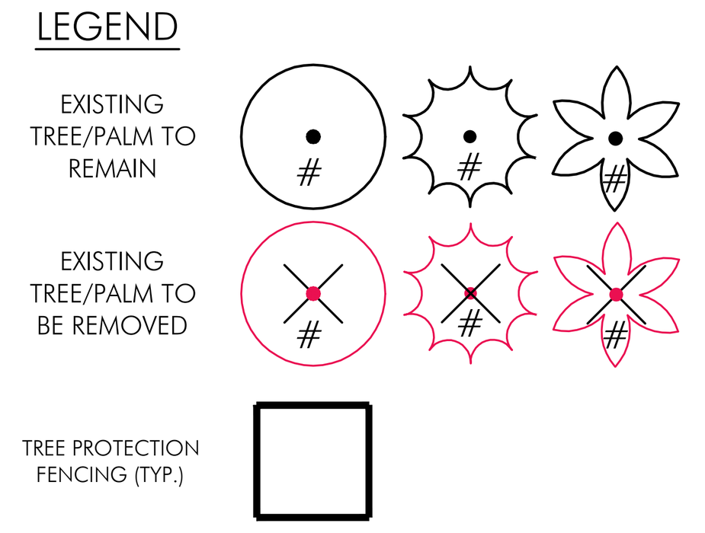
NOT FOR CONSTRUCTION

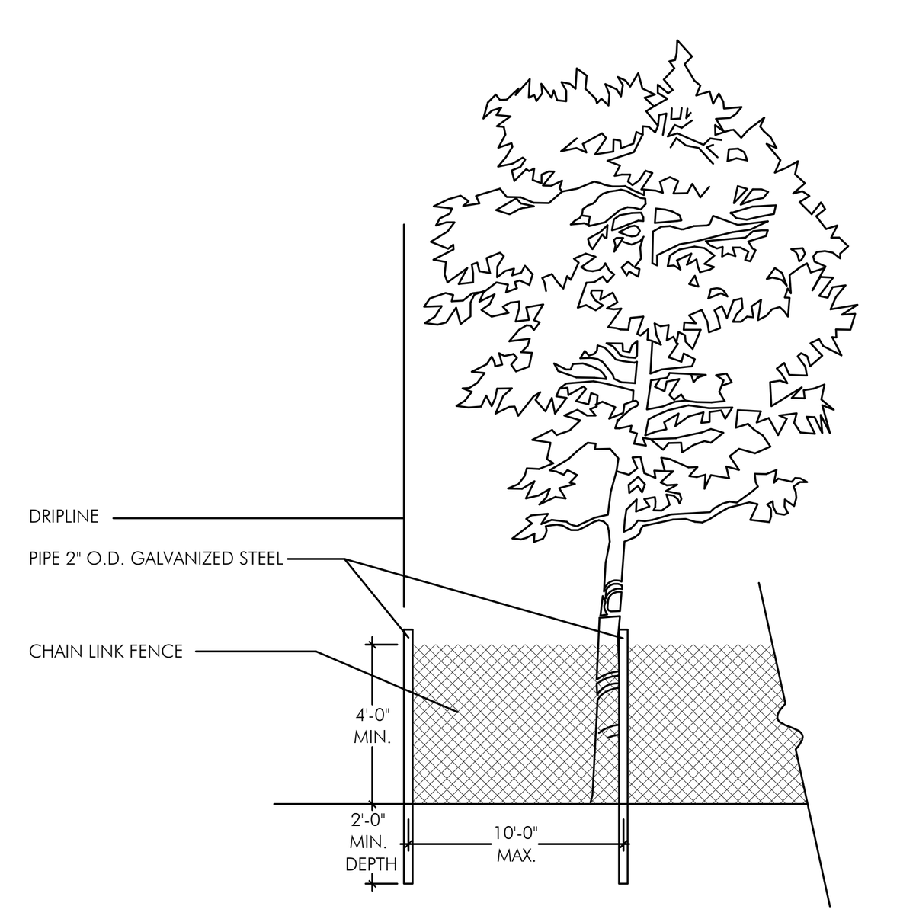
EXISTING TREE DISPOSITION LIST

KEY	BOTANICAL NAME	COMMON NAME	SIZE HT.(ft.)	SIZE SPD.(ft.)	SIZE DBH.(in.)	DISPOSITION	MITIGATION DBH
1	*Cocos nucifera*	Coconut Palm	18	15	8	Remove	1 Palm
2	*Adonidia merrillii*	Christmas Palm (triple)	14	12	9	Remove	1 Palm
3	*Adonidia merrillii*	Christmas Palm (triple)	14	12	9	Remove	1 Palm
4	*Adonidia merrillii*	Christmas Palm (triple)	14	12	9	Remove	1 Palm
5	*Adonidia merrillii*	Christmas Palm (triple)	14	12	9	Remove	1 Palm
6	*Adonidia merrillii*	Christmas Palm (triple)	14	12	9	Remove	1 Palm
7	*Wodyetia bifurcata*	Foxtail Palm	14	10	8	Remove	1 Palm
8	*Wodyetia bifurcata*	Foxtail Palm	14	10	8	Remove	1 Palm
9	*Cocos nucifera*	Coconut Palm	35	15	12	Remove	1 Palm
10	*Cocos nucifera*	Coconut Palm	35	15	12	Remove	1 Palm
11	*Cocos nucifera*	Coconut Palm	35	15	12	Remove	1 Palm
12	*Cocos nucifera*	Coconut Palm	16	15	8	Remove	1 Palm
13	*Cocos nucifera*	Coconut Palm	16	15	8	Remove	1 Palm
14	*Wodyetia bifurcata*	Foxtail Palm	14	10	8	Remove	1 Palm
15	*Phoenix roebelenii*	Pygmy Date Palm (triple)	6	8	6	Remove	1 Palm
16	*Adonidia merrillii*	Christmas Palm	18	8	3	Remove	1 Palm
17	*Adonidia merrillii*	Christmas Palm (double)	16	12	6	Remove	1 Palm
18	*Wodyetia bifurcata*	Foxtail Palm	20	12	9	Remove	1 Palm
19	*Wodyetia bifurcata*	Foxtail Palm	20	12	9	Remove	1 Palm
20	*Wodyetia bifurcata*	Foxtail Palm	20	12	9	Remove	1 Palm
21	*Wodyetia bifurcata*	Foxtail Palm	20	12	9	Remove	1 Palm
22	*Ligustrum japnoicum*	Ligustrum	9	8	5	Remove	N/A
						TOTAL PALMS TO BE REMOVED	21
						TOTAL TREES AS MITIGATION PROVIDED	21

*1 Palm Replacement = 1 Tree @ 12' HT x 2" DBH







NOTES:
-BARRIER SHALL BE PLACED AT THE EDGE OF THE DRIPLINE OF THE THE TREE CANOPY OR AS FAR FROM THE TREE AS POSSIBLE WHERE THE CANOPY OVERHANGS PAVEMENT THAT IS TO REMAIN. BARRIER SHALL BE MAINTAINED IN AN UPRIGHT POSITION AT ALL TIMES.
-TREE PROTECTION FENCE (TPF) SHALL BE INSTALLED PRIOR TO ANY SITE WORK, CLEARING, OR DEMOLITION. AND MAINTAINED THROUGHOUT CONSTRUCTION.
-REMOVE TPF ONLY WITH APPROVAL FROM URBAN FORESTER AFTER ALL SITE WORK HAS BEEN COMPLETED.

*NOTE: Should any existing trees or palms be damaged they shall be evaluated by the City Urban Forester to determine corrective actions that may include removal, corrective pruning and or replacement. Any corrective actions required shall be performed in accordance with the City of Miami Beach Code, the most current ANSI A-300 Pruning Standards and or an issued City Tree or Environmental Permit. Any corrective pruning required shall be performed by an ISA Certified Arborist and the City Urban Forester shall be consulted.

TREE PROTECTION DETAIL

N.T.S.

EXISTING TREE DISPOSITION PLAN

1 / LA-101

SCALE: 1" = 10'

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Project

1940 Bay Drive
1940 BAY DRIVE
Miami Beach, Florida 33141

Revisions

Owner Information

#Client Company
#Client Address1
#Client Address2
#Client City, #Client State
#Client Postcode

#Client Phone Number

Consultant

GARDNER + SEMLER LANDSCAPE ARCHITECTURE
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GSLA DESIGN
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CORP. ID # 0000266

Digitally signed by Taylor Kiehl Semler
DN: c=US, st=Florida, l=Miami, ou=Landscape Architecture LA 6667205, o=GSLA Design Inc, cn=Taylor Kiehl Semler, email=Kiehl@gsladesign.com
Date: 2023.08.04 14:36:42 -04'00'

Taylor Kiehl Semler
PLA-FL6667205

DRB SUBMITTAL

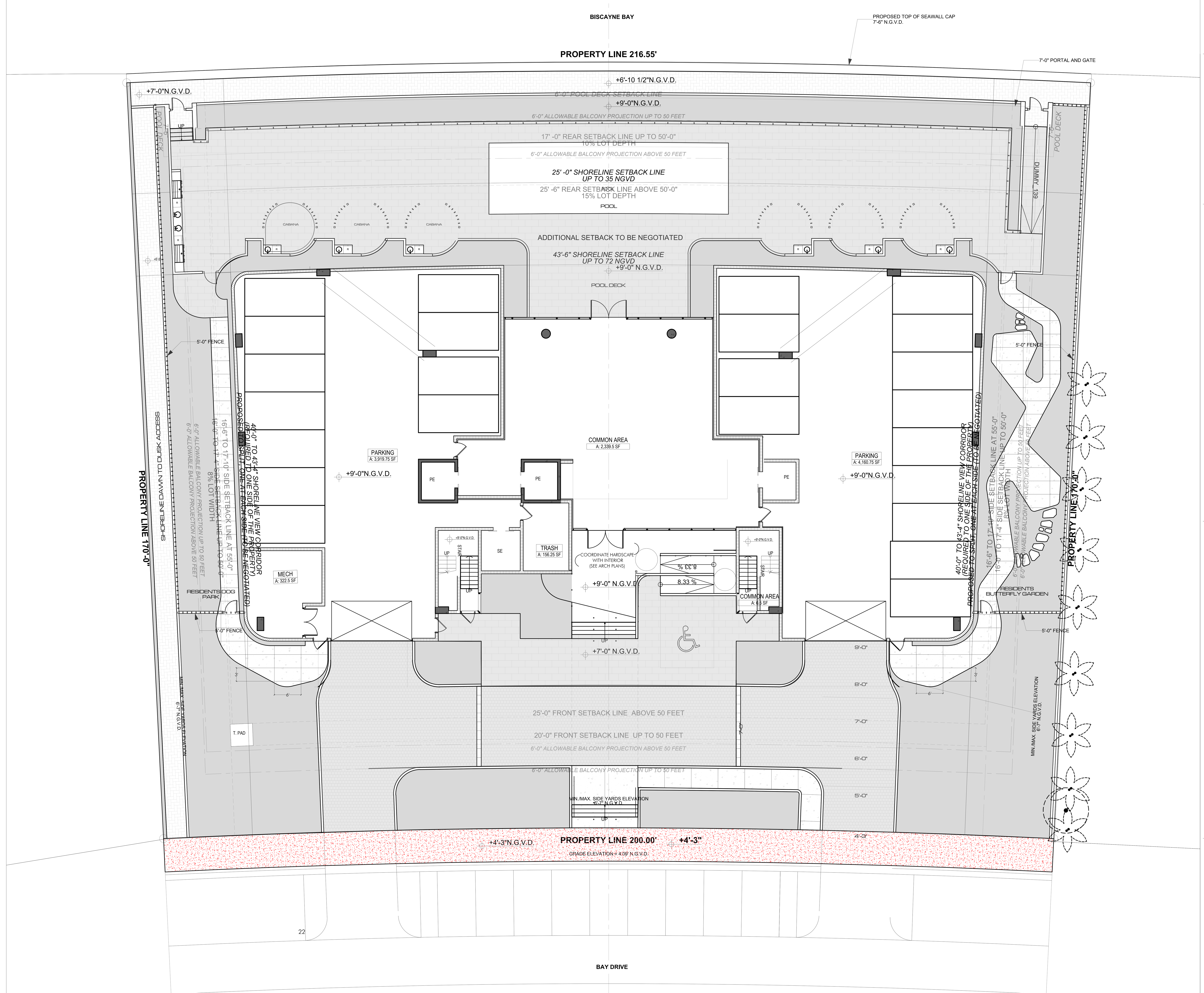
Date 08/04/2023

Scale AS SHOWN

Project No. 2133

Sheet Name EXISTING TREE DISPOSITION PLAN

Sheet No. **LA-101**



HARDSCAPE LEGEND

LANDSCAPE AREA (typ.)
-7,955 s.f.

Scoreline (typ.)

POURED CONC
-3,500 PSI, WWM Reinforced
-Sandblast finish with Top-cast Surface Retarder
-1,680 s.f. total
*SUBMIT 2'x2' MOCKUP

COBBLESTONE PAVERS
-"Tuscany" Pavers by Tremron (or eq.)
-Color: Granite
-3,170 s.f. total
-Running Bond Pattern

VARIES
VARIES
Scoreline

4" THICK POURED CONC OVER COMPACTED BASE
-3,000 PSI, WWM reinforced
-Miami Beach Pink color
-Light Broom finish perpendicular to travel
-Align and score per plans.
-Submit 2'x2' mock-up for approval.
-1,495 s.f. total
*Note: excludes driveway (see civil plans)

STONE PAVERS
-"Coral Reef White" by A&P Coral Classics
-1 1/4" thick, 18"x36", Running Bond Pattern
-Brushed and Filled
-Sealed with
-6,270 s.f. total

CONC PAVERS BY TREMRON
-"Shellstone" Pavers, 90° Herringbone pattern
-Seal with "natural look" sealer by techniseal
-Min. 3 1/8" thick, butt joined, sand swept
-Color: Sandstone
-1,908 s.f. total

NOTE: AN AUTOMATIC IRRIGATION SYSTEM WILL BE PROVIDED ON THE PERMIT SET OF PLANS.

LEGEND

EXISTING TREE/PALM TO REMAIN

HARDSCAPE PLAN GROUND LEVEL

1 / LA-201

40' 20' 10' 0
SCALE: 1" = 10'

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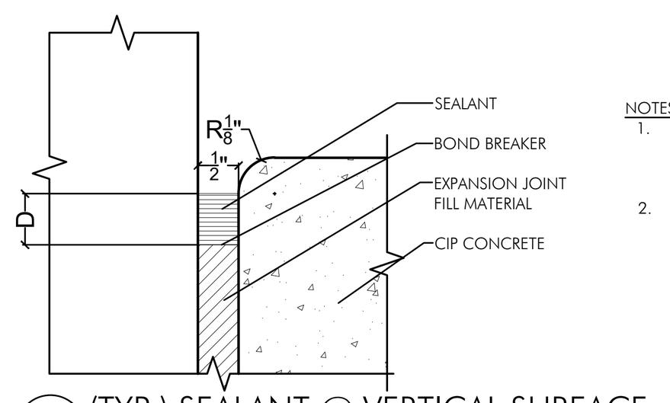
Sheet Name
HARDSCAPE PLAN GROUND LEVEL

Sheet No.
LA-201



(B) (TYP.) SEALANT @ VERTICAL SURFACE
N.T.S.

NOTES: (DETAILS A & B)
1. D=DEPTH RECOMMENDED BY SEALANT MANUFACTURER FOR A MOVEMENT JOINT OF WIDTH INDICATED
2. INSTALL SEALANT DOWN VERTICAL SIDE EDGES OF PAVING SLABS, CURBS, AND BAND PER THIS DETAIL.

NOTES:
1-CONCRETE WALKWAYS AND SLABS SHALL HAVE 2% MAX. CROSS SLOPE FOR DRAINAGE, PERPENDICULAR TO DIRECTION OF PEDESTRIAN TRAVEL. NO PORTION OF ANY RUNNING SLOPE SHALL EXCEED 5% (ALL PAVED AREAS SHALL MEET ADA ACCESSIBILITY STANDARDS)

2-SAW CUT CONTROL JOINTS 1/8" WIDE AND 1/4 DEPTH OF SLAB, SHALL BE MADE WITHIN 18 HOURS OF CONCRETE PLACEMENT. ALL SAW CUTS SHALL BE TRUE, ACCOMPLISHED WITH THE AID OF A STRAIGHT EDGE.

3-EXPANSION JOINTS WITH BITUMINOUS EXPANSION MATERIAL (3/4" WIDTH) SHALL BE LOCATED AS SHOWN ON PLAN AND NOTED IN DETAIL A & B

4-FINISHED GRADE SHALL BE SET 1" BELOW WALKWAY TOP ELEVATION AND SLOPED 3:1 MAX. AWAY FROM WALKWAY.

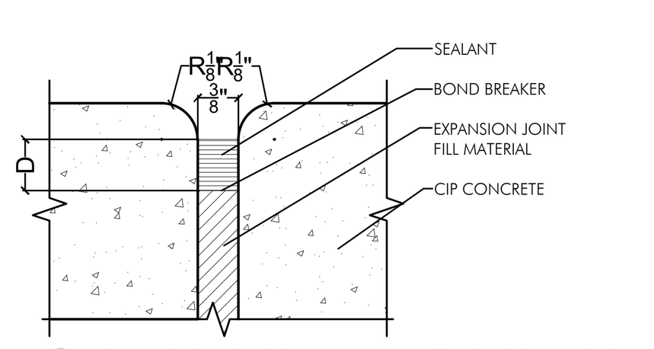
5-CONTRACTOR TO FORM AND PLACE CONCRETE FOR WALKWAY AND SLABS AS INDICATED ON PLANS.

6-CONTRACTOR TO LOCATE AND VERIFY ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.

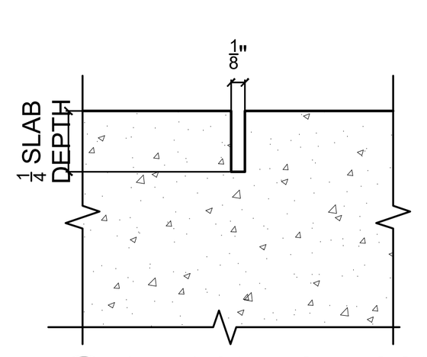
7-NO CHANGES SHALL BE MADE WITHOUT PRIOR CONSENT OF ARCHITECT OF RECORD.

8-ROCK BASE TO EXTEND 6" MIN. BEYOND NEW CONCRETE.

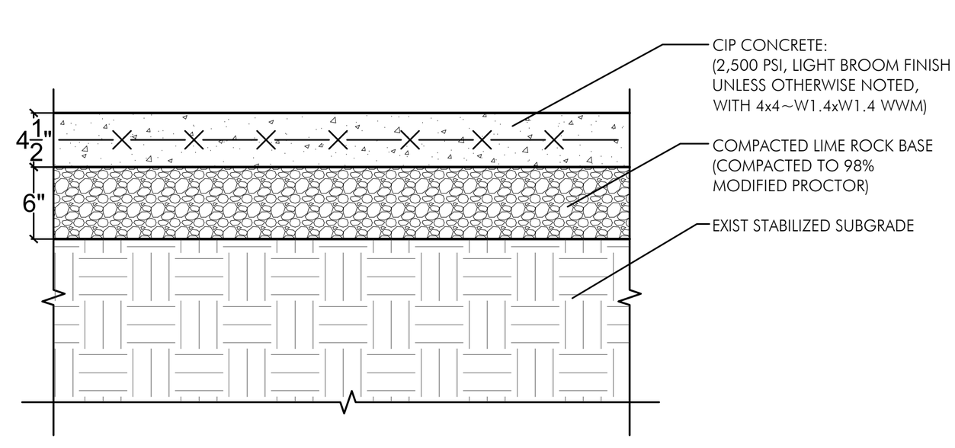
9-CONCRETE SLAB TO BE 6" THICK IN VEHICULAR MAINTENANCE AREAS IF SUCH AREAS ARE REQUIRED



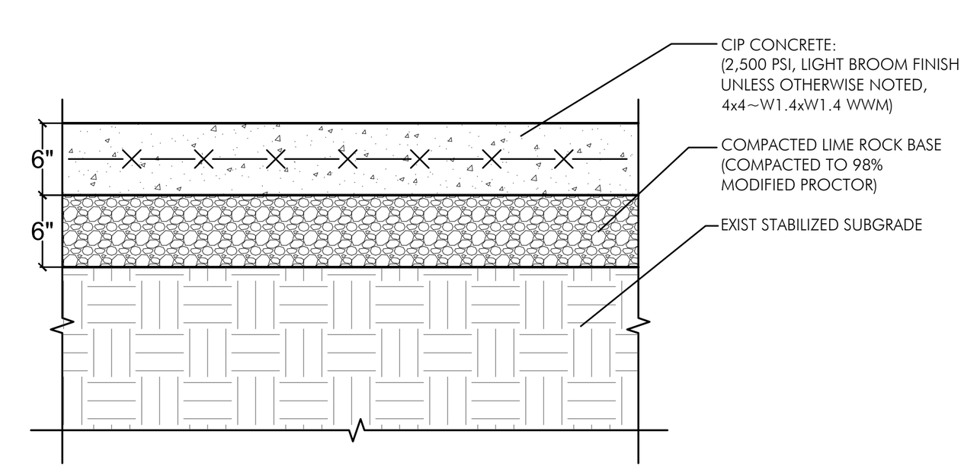
(A) (TYP.) SEALANT @ EXPANSION JOINT
N.T.S.
CONTROL/SAW JOINTS SHALL BE 20' O.C. UNLESS OTHERWISE NOTED



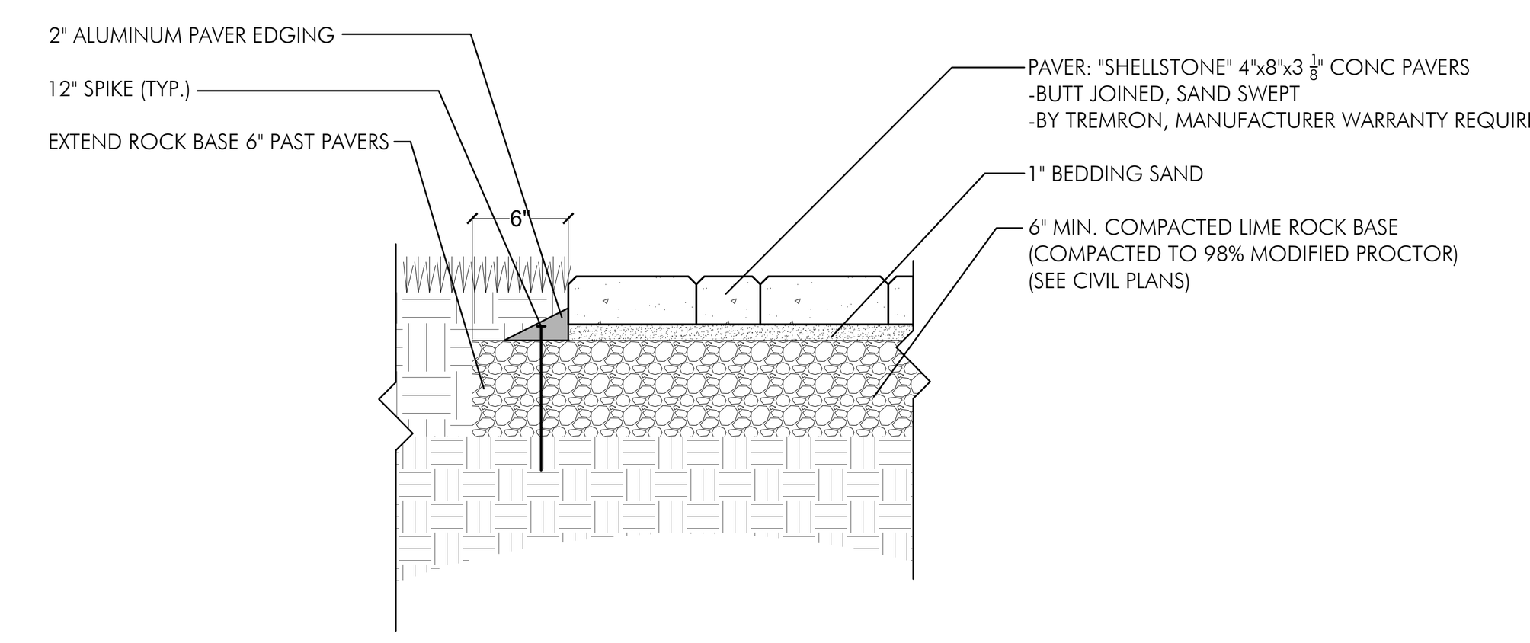
(C) (TYP.) SAW-CUT CONTROL JOINT
N.T.S.
CONTROL/SAW JOINTS SHALL BE 5' O.C. UNLESS OTHERWISE NOTED



(TYP.) CIP CONCRETE PAVING
3/4" = 1'-0"

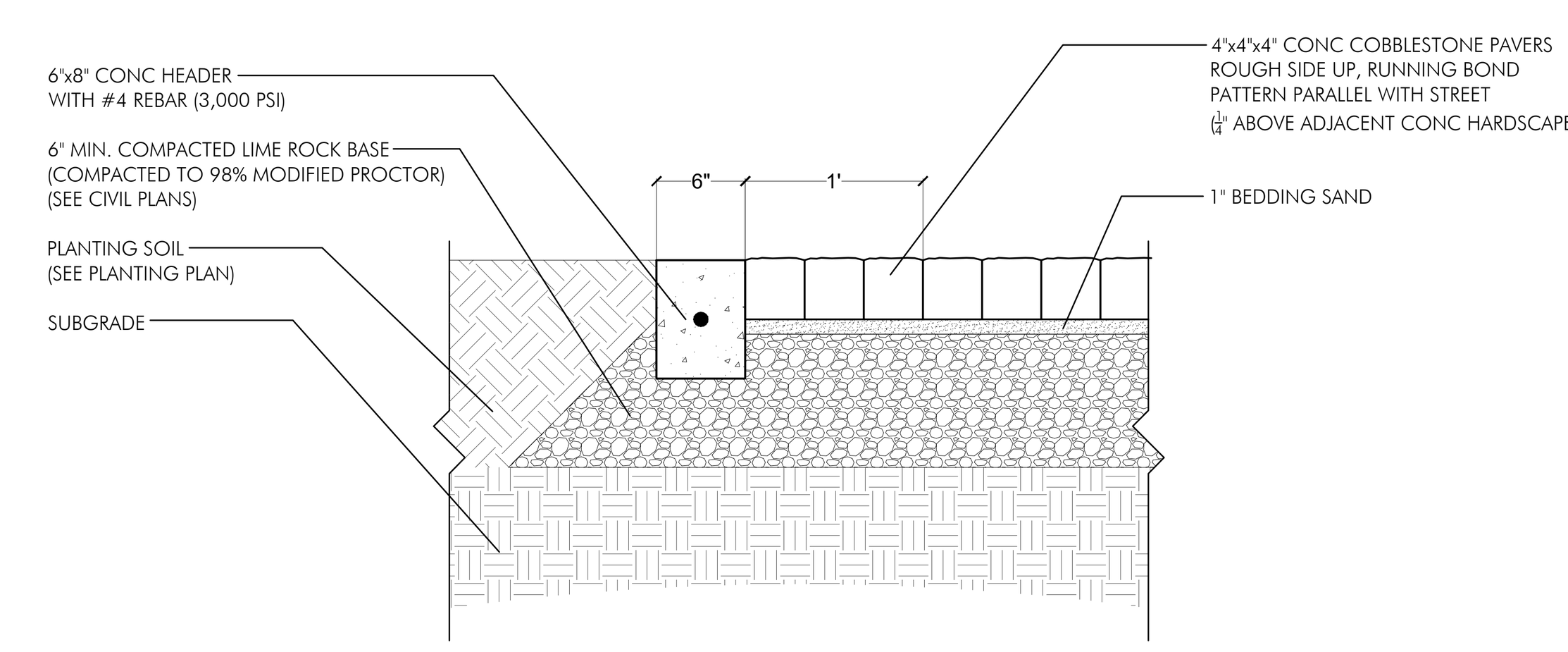


(TYP.) CIP CONCRETE PAVING IN MAINTENANCE TRUCK ACCESS AREA
3/4" = 1'-0"



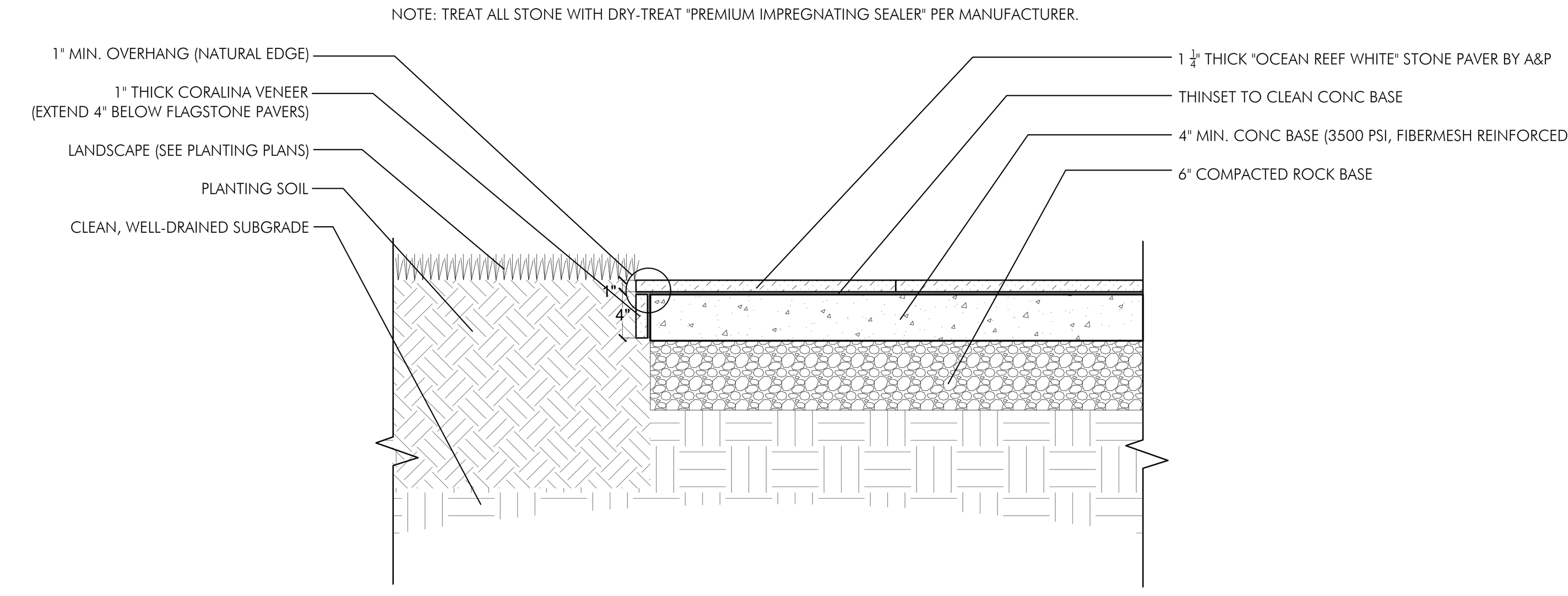
SHELLSTONE PAVER OVER COMPACTED BASE EDGING DETAIL
(N.T.S.)

NOTE: TREAT CONC. PAVERS WITH "NATURAL LOOK" SEALER BY TECHNISEAL



COBBLESTONE PAVER OVER COMPACTED BASE DETAIL
SCALE: 1"=1'-0"

NOTE: TREAT ALL STONE WITH DRY-TREAT "PREMIUM IMPREGNATING SEALER" PER MANUFACTURER.



CORAL STONE PAVERS OVER CONC SLAB DETAIL
SCALE: 1" = 1'-0"

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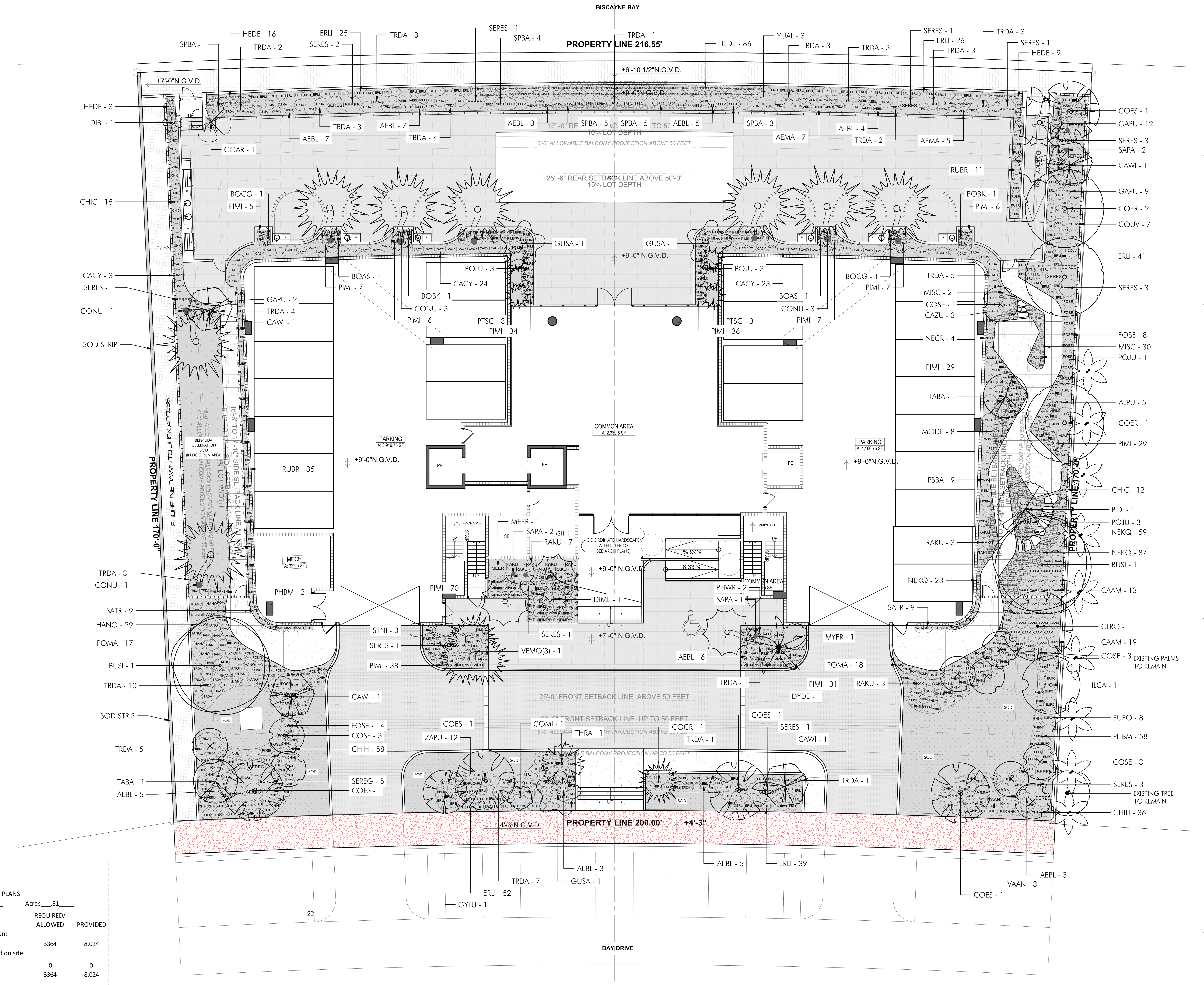
DRB SUBMITTAL

Date	08/04/2023
Scale	AS SHOWN
Project No.	2133
Sheet Name	HARDSCAPE DETAILS
Sheet No.	LA-301

PLANT LIST

KEY	PLANT NAME	QTY.	UT.	SIZE
TREES				
BUSI	Bursera simaruba ...Gumbo Limbo	2	ea.	14' tall x 5' spread, 3" DBH
CAWI	Canella winterana ...Wild Cinnamonbark	4	ea.	12' tall x 5' spread, 2" DBH
CLRO	Clusia rosea ...Autograph Tree	1	ea.	12' tall x 5' spread, 2" DBH
COER	Conocarpus erectus ...Green Buttonwood	3	ea.	14' tall x 5' spread, 3" DBH
COES	Conocarpus erectus "Sericeus" ..Silver Buttonwood	5	ea.	12' tall x 6' spread, 3 trunks (total 3" min. DBH) lifted tree form
COSE	Cordia sebestena ..Orange Geiger	10	ea.	10' tall x 5' spread, 1 1/2"-2" DBH
GUSA	Guaicum sanctum ..Lignum Vitae	3	ea.	8' tall x 4' spread, 1 1/2"-2" DBH
GYLU	Gymnanthes lucida ..Crabwood	1	ea.	8' tall x 4' spread, 1 1/2"-2" DBH
ILCA	Ilex cassine ...Dahoon Holly	1	ea.	12' tall x 5' spread, 2" DBH
PIDI	Pimenta dioica ...Allspice	1	ea.	12' tall x 5' spread, 2" DBH
TABA	Tabebuia bahamensis ..White Tabebuia	2	ea.	14' tall x 6' spread, 3" DBH
PALMS				
KEY	PLANT NAME	QTY.	UT.	SIZE
COAR	Coccothrinax argentata ...Florida Silver Palm	1	ea.	6' CT min.
COCR	Coccothrinax crinita ...Old Man Palm	1	ea.	6' CT min.
COMI	Coccothrinax miraguama ...Miraguama Palm	1	ea.	6' CT min.
CONU	Cocos nucifera var. "Green Malayan" ...Coconut Palm	8	ea.	6' CT min.
DYDE	Dypsis decaryi ...Triangle Palm	1	ea.	6' CT min.
PTSC	Ptychosperma schefferi ...Scheffer's Palm	6	ea.	12' tall OA
SAPA	Sabal palmetto ...Sabal Palm	5	ea.	(1) @ 26' tall; (2) @ 30' tall; (2) @ 34' tall, curved/character trunks, smooth trunk, hurricane cut, lean as shown in plans, mix sizes in groups
THRA	Thrinax radiata ...Florida Thatch Palm	1	ea.	6' tall OA
VEMO(3)	Veitchia montgomeriana (triple) ..Montgomery Palm	1	ea.	18' tall OA, 11' GW, triple trunk, heads M/L same height
BAMBOO, VINES & OTHERS				
KEY	PLANT NAME	QTY.	UT.	SIZE
STNI	Strelitzia nicholai ..White Bird of Paradise	3	ea.	7'-8' tall overall, multi
SHRUBS				
KEY	PLANT NAME	QTY.	UT.	SIZE
AEBL	Aechmea blanchetiana ...Bromeliad	38	ea.	24" x 18"
AEMA	Aechmea malva ...Bromeliad	22	ea.	24" x 18"
ALPU	Alpinia purpurata ..Red Ginger	5	ea.	36" x 36"
BOAS	Bougainvillea 'Alabama Sunset' ..Alabama Sunset Bougainvillea	2	ea.	12" x 12", to be installed on pool trellis system
BOBK	Bougainvillea 'Barbara Karst' ..Barbara Karst Bougainvillea	2	ea.	12" x 12", to be installed on pool trellis system
BOCG	Bougainvillea 'California Gold' ..California Gold Bougainvillea	2	ea.	12" x 12", to be installed on pool trellis system
CAAM	Callicarpa americana ...American Beautyberry	32	ea.	30" x 30"
CACY	Capparis cynophallophora ...Jamaica Caper	51	ea.	6' HT.
CAZU	Calyptranthes zuzygium ..Myrtle of the River	3	ea.	36" x 24"
CHIC	Chrysobalanus icaco ..Cocoplum	27	ea.	18" x 18"
CHIH	Chrysobalanus icaco "Horizontalis" ..Horizontal Cocoplum	94	ea.	12" x 18"
COUV	Coccoloba uvifera ...Seagrape	7	ea.	24" x 24", full to ground
DIBI	Dietes bicolor ..African Iris	1	ea.	18" x 18"
DIME	Dioon mejiae ..Cycad	1	ea.	5' x 5'
ERLI	Ernodea Littoralis ...Golden Creeper	186	ea.	3 gal cans, full, install 24" o.c.
EUFO	Eugenia foetida ..Spanish Stopper	8	ea.	24" x 24", full to ground
FOSE	Forestiera segregata ..Florida Privet	22	ea.	24" x 18", full
HANO	Hamelia nodosa ...Dwarf Firebush	29	ea.	18" x 18", install 18" o.c.
MEER	Megaskapasma erythroclamys ...Brazilian Red Cloak	1	ea.	4' x 3', multi-trunk, full to ground
MODE	Monstera deliciosa ...Monstera	8	ea.	30" x 30", mature leaves, install 36" o.c.
MYFR	Myrcianthes fragrans Simpson's Stopper	1	ea.	5' x 5', full to ground
NECR	Neomarica caerulea 'Regina' ..Blue Walking Iris	4	ea.	24" x 24"
PHBM	Philodendron var. "Burle marx" ...Burle Marx Philodendron	60	ea.	18" x 18"
PHWI	Philodendron 'Weeks Red' ...Climbing Philodendron	2	ea.	36" x 24", Install against trunk where shown
POJU	Portea "Jungles" ... Bromeliad	10	ea.	24" x 18"
POMA	Podocarpus macrophyllus ..Maki Yew	35	ea.	48" x 24", full to ground
PSBA	Psychotria bahamensis ...Bahamas Wild Coffee	9	ea.	24" x 24"
RAKU	Radermachera var. "Kunming" ...Radermachera	13	ea.	30" x 24", full to ground
RUBR	Ruellia brittoniana ...Mexican Blue Bell	46	ea.	18" x 18"
SATR	Sanseveria trifasciata Snake Plant	18	ea.	30" x 18"
SEREG	Serenoa repens 'Green' ..Saw Palmetto	5	ea.	24" x 24"
SERES	Serenoa repens 'Silver' ..Saw Palmetto	18	ea.	24" x 24"
SPBA	Spartina bakerii ..Sand Cordgrass	18	ea.	30" x 24"
TRDA	Tripsacum dactyloides ...Fakahatchee Grass	68	ea.	3 gal cans, full
VAAN	Vallesia antillana ...Pearlberry	3	ea.	30" x 24"
YUAL	Yucca aliofolia ..Spanish Bayonet	3	ea.	6'-7' tall overall
ZAPU	Zamia pumila ..Coontie	17	ea.	18" x 18"
GROUNDCOVERS				
GAPU	Gaillardia pulchella ...Indian Blanket Flower	23	ea.	12" x 12", install 12" o.c.
HEDE	Helianthus debilis ...Dune Sunflower	114	ea.	12" x 12", install 12" o.c.
MISC	Microsorum scolopendria ...Wart Fern	51	ea.	12" x 12", install 12" o.c.
NEKQ	Nephrolepis obliterata "Kimberly Queen" ...Kimberly Queen Fern	170	ea.	12" x 12", install 12" o.c.
PIMI	Pilea microcarpa ..Artillery Fern	306	ea.	8" x 8", install 12" o.c.
MISCELLANEOUS				
	Planting Soil: 70% Silica Sand 20% Everglades Muck 10% Shredded Pinebark	as req.	c.y.	excavate and backfill 18" depth in all planting areas.
	Empire Zosia	as req.	s.f.	solid sod
	Bermuda 'Celebration'	as req.	s.f.	solid sod (only in dog run area)
	Shredded Melaleuca Mulch	as req.	c.y.	3" layer in all shrub beds
	Rootguard	as req.	l.f.	24" deep, manufactuerer to be selected



NOTE: AN AUTOMATIC IRRIGATION SYSTEM WILL BE PROVIDED ON THE PERMIT SET OF PLANS.

CITY OF MIAMI BEACH
LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS

Zoning District______RM-1________ Lot Area ____35,406_ Acres___.81_____

	REQUIRED/ ALLOWED	PROVIDED
OPEN SPACE		
A. Square feet of required Open Space as indicated on site plan: Lot Area = ___35406__ s.f.x ___9.5____ % = __________ s.f.	3364	8,024
B. Square feet of parking lot open space required as indicated on site Number of parking spaces __0___ x 10 s.f. parking space =	0	0
C. Total square feet of landscaped open space required: A+B=	3364	8,024
LAWN AREA CALCULATION		
A. Square feet of landscaped open space required		
B. Maximum lawn area (sod) permitted= ___50____ % x __8024__ s.f.	4,012	2,053
TREES		
A. Number of trees required per Acre , less existing number of trees meeting minimum requirements= ___28____ trees x __.81___ net lot acres - number of existing trees=	23	23
B. % Natives required: Number of trees provided x 30% =	7	24
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=	12	24
D. Street Trees (maximum average spacing of 20' o.c.) ____0_____ linear feet along street divided by 20'=	0	0
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): _____200_____ linear feet along street divided by 20'=	10	10
SHRUBS		
A. Number of shrubs required: Sum of lot and street trees req x 12=	396	874
B. % Native shrubs required: Number of shrubs provided x 50%=	437	576
LARGE SHRUBS OR SMALL TREES		
A. Number of large shrubs or small trees required: Number of required shrubs x 10%=	40	51
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	20	51

LEGEND

EXISTING TREE/PALM TO REMAIN

PLANTING PLAN
GROUND LEVEL

1 / LA-401

SCALE: 1" = 10'

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CORP. ID#0000266

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PLA-FL6667205

DRB SUBMITTAL

Date	08/04/2023
Scale	AS SHOWN
Project No.	2133
Sheet Name	PLANTING PLAN GROUND LEVEL
Sheet No.	LA-401

LANDSCAPE SPECIFICATIONS
PART 1 - GENERAL

1.1 SCOPE
A. Contractor shall provide all labor, materials, equipment, supervision, and related work necessary to complete the landscape work in accordance with the intent of the landscape plans, schedules and these specifications. The extent of work is shown on the drawings which are a part of this document.

1.2 CONTRACTOR QUALIFICATIONS
A. Landscape installation work to be performed by a Contractor Certified by the Florida Nurserymen, Growers and Landscape Association (FNGLA) as a Certified Landscape Contractor. Any pruning to be supervised by an Arborist, certified by the International Society of Arboriculture (ISA) and licensed in Miami-Dade County.

1.3 INVESTIGATION OF UTILITIES
A. Prior to beginning work, the Contractor shall be responsible to locate existing underground utilities. Check with all utility companies and Sunshine State, call (811).

1.4 SUBSTITUTIONS
A. Only materials specified will be accepted, unless approved in writing by the Landscape Architect in advance.

1.5 PLANT SIZES
A. All plant sizes shall equal or exceed the minimum sizes as specified in the plant list. When plant sizes are specified as a range of size, installed materials shall average the mean of the range specified. Plants shall be measured following pruning, with branches in normal position. All necessary pruning shall be done at the time of planting.

1.6 PLANT QUALITY
A. All plant material shall be equal to or better than Florida No. 1 as classified by "Grades and Standards for Nursery Plants" by the Division of Plant Industry, Florida Department of Agriculture. They shall have a growth habit that is normal for the species; healthy, vigorous, free from insects, disease and injury.

B. The Owner or Landscape Architect reserves the right to refuse any plant material which does not conform to the intent of the written specifications or design.

C. CIRCLING ROOTS FOUND ON CONTAINER-GROWN MATERIAL WILL NOT BE ACCEPTED UNLESS REMEDIAL ROOT PRUNING, APPROVED BY THE LANDSCAPE ARCHITECT IS DONE BEFORE PLANTING.

1.7 PLANT QUANTITY
A. The plant quantities shown on the plant list are to be used only as an aid to bidders. In the case of discrepancy between the plant list and the plan, the quantity on the plan shall override the plant list.

1.8 UNIT PRICES
A. The successful bidder shall furnish to the Owner and the Landscape Architect, a unit price breakdown for all materials. The Owner may, at his discretion, add to or delete from the materials utilizing the unit price breakdown submitted to and accepted by the Owner.

1.9 SUBMITTALS
A. Fertilizer: The Contractor shall submit to the Owner and Landscape Architect documentation that all the fertilizer used for the project is of the analysis specified and placed at the rates specified in section 2.2 FERTILIZER.

B. Planting soil: The Contractor shall submit a sample of the planting soil (approximately 1 cu. Ft.) for approval by the Landscape Architect prior to delivery to the site.

1.10 CLEAN-UP & MAINTENANCE OF TRAFFIC
A. Follow procedures in FDOT Index 600 for maintenance of traffic during construction.

B. At the end of each work day, the Contractor shall remove debris and shall barricade the un-filled holes in a manner appropriate in the path of pedestrians and motorists.

C. Upon completion of the work or any major portion of the work or as directed by the Landscape Architect, all debris and surplus material from his work shall be removed from the job site.

1.11 MAINTENANCE PRIOR TO ACCEPTANCE
A. The Contractor is responsible to maintain the plantings until they are accepted under the provisions of 1.12 "ACCEPTANCE OF INSTALLATION".

1. Plants: Begin maintenance immediately following the final plant installation operation for each plant and continue until all plant installation is complete and accepted. Maintenance shall include watering all plants, weeding, mulching, pest and disease control, tightening and repairing of guys, repair of braces, removal of dead growth, resetting of plants to proper grade or up-right position, restoration of plant saucer, litter pick-up in plant beds and other necessary operations to assure specified minimum grade of Florida No. 1.

2. Turf Areas: Begin maintenance of turf immediately following the placement of sod and continue until sod installation is complete and accepted. Maintenance shall include but not be limited to, watering, leveling, mowing, weed and pest control, fungus and disease control and other necessary operations as determined by the Landscape Architect and good nursery practice.

3. Re-setting or straightening trees and palms:
The Contractor shall re-set and/or straighten trees and palms as required at no additional cost to the Owner unless caused by sustained winds of 75 mph or more. Then, the costs of the operations may be charged to the owner. Re-set trees within 48 hours.

1.12 ACCEPTANCE OF INSTALLATION
A. Inspection: Inspection of the work, to determine completion of contract work, exclusive of the possible replacement of plants and turf, will be made by the Landscape Architect at the conclusion of the maintenance period. Written notice requesting such an inspection and submitted by the Contractor at least ten (10) days prior to the anticipated date.

1.13 GUARANTEE
A. Guarantee all plants for a period of one year (CCD). Guarantee shall commence from the date of written acceptance. Plant material which is on the site and scheduled to be relocated is not covered by the guarantee except in the case of Contractor's negligence or work that has been done in an unworkman-like manner. The Contractor is not responsible for loss due to acts of god, (i.e.) sustained winds of 75 mph or more, floods, frost, lightning, vandalism or theft.

1.14 REPLACEMENT
A. Replacement shall be made during the guarantee period as directed by the Landscape Architect within ten (10) days from time of notification. For all replacement plant material, the guarantee period shall extend for an additional forty-five (45) days beyond the original guarantee period. The Contractor shall be responsible to provide water to the replacement plants in sufficient quantity to aid in their establishment. At the end of the guarantee period, inspection will be made by the Landscape Architect, upon written notice requesting such inspection and submitted by the Contractor at least five (5) days before the anticipated date. Replacement plants must meet the requirements of Florida No. 1 at time of inspection. Remove from the site all plants that are dead or in a state of unsatisfactory growth, as determined by the Landscape Architect. Replace these and any plants missing due to the Contractor's negligence as soon as conditions permit.

1. Materials and Operations: All replacement plants shall be of the same kind and size as indicated on the plant list. The Contractor shall supply and plant the plants as specified under planting operations.

2. Cost of Replacements: A sum sufficient to cover the estimated cost of possible replacements, including material and labor will be retained by the Owner and paid to the Contractor after all replacements have been satisfactorily made and approved by the Landscape Architect.

PART 2 - MATERIALS

2.1 PLANTING SOIL
A. Planting soil for trees, shrubs and ground covers shall be of the composition noted on the plans, measured by volume.

B. Soil for Sodded Areas: shall be coarse lawn sand.

2.2 FERTILIZER
A. Fertilizer for trees, palms, shrubs, and groundcovers shall be as follows: LESCO Palm Special 13-3-13 or equal, Sulfur coated with iron and other minor elements and maximum of 2% chlorine, or brand with equal analysis. The fertilizer shall be uniform in composition, dry and free flowing and shall be delivered to the site in the original unopened containers, bearing the manufacturer's guaranteed analysis. Fertilizer for sod and seeded areas shall be 8-6-8, 50% organically derived nitrogen, or equal.

2.3 WATER
A. The Contractor shall provide potable water on site, available from the start of planting. The Contractor is responsible to ascertain the location and accessibility of the water source. The Contractor is responsible to provide the means of distribution (i.e. water truck, hoses, etc.) for distribution of water to the planting areas.

2.4 MULCH
A. Mulch shall be shredded Melaleuca mulch (Florimulch) as manufactured by Forestry Resources, Inc., or equal.

2.5 ROOT BARRIER MATERIAL
A. Root barrier material shall be 24" deep polypropolylene panels by DeepRoot or approved equal.

B. Install per details in the plans.

PART 3 - INSTALLATION PROCEDURES

3.1 LAYOUT
A. Verify location of all underground utilities and obstructions prior to excavation.

3.2 HERBICIDE TREATMENT
A. In all areas infected with weed and/or grass growth, a systemic herbicide, such as Roundup, shall be applied per manufacturer's rates. When it has been established where work will be done, the systemic herbicide shall be applied in accordance with manufacturer's labeling to kill all noxious growth. Contractor shall schedule his work to allow more than one application to obtain at least 95% kill of undesirable growth. If necessary, Contractor shall conduct a test to establish suitability of product and applicator to be used on this project, prior to execution of the full application.

3.3 PLANT PIT EXCAVATION AND BACKFILLING
A. Trees: See the Planting and Bracing Details and notes.

B. All planting holes shall be hand dug where machine dug holes may adversely affect utilities or improvements.

C. Shrubs and Groundcover: Shrubs and groundcover shall be planted in a soil bed as described in the notes and details. Space shrubs and provide setback from curb and pavements as shown in the plans.

D. Watering of field-grown plants: Thoroughly puddle in water to remove any air pockets in the plant hole.

3.4 WATERING
A. The Contractor is responsible to provide the water for all new plants and transplants and means of distribution (i.e. hand watering or water truck) during the maintenance period and extending into the period after acceptance until the full schedule as listed below is complete. Water for trees and other large field grown plants shall be supplemented by hand or water truck, in addition to the irrigation system, (if one is provided). Contractor can adjust watering schedule during heavy rain season upon approval of the Landscape Architect.

AMOUNT OF WATER PER APPLICATION
For trees up to 5 inch caliper - 5 gallons
From 5 to 8 inch caliper - 25 gallons
9 inch and up caliper - 50 gallons

FREQUENCY OF WATER
Daily for the first week
3 times per week for weeks 2 - 5
2 times per week for weeks 6 - 8
1 time per week for weeks 9 - 12

B. Water in plants by thoroughly soaking of the entire root ball immediately after planting. For large trees and shrubs, add water while backfilling hole to eliminate any air pockets in the soil around the root ball.

C. Water shrubs, sod and groundcover a minimum of once daily for a week or until an irrigation system is fully operational. If no irrigation system is to be installed, the Contractor shall be responsible for watering the shrub, sod, and groundcover for the time specified above, after installation of each section of the planting installed.

3.5 FERTILIZING
A. Add fertilizer on top of the surface of shrubs beds and tree and palms root balls two (2) months after installation. Fertilize sod within two (2) days after installing after planting of each segment of the job. Fertilizer shall be applied after soil has been well moistened. Fertilizer shall be washed off of plant leaves and stems immediately after application. Apply at the following rates:

1. Trees and Large Shrubs: One (1) pound per inch of trunk diameter, spread evenly over the root ball area.

2. Shrubs: One half (1/2) handful per shrub, spread evenly over the root ball area.

3. Groundcover: Twelve (12) pounds per 100 sq. ft. of bed area.

4. Sod: Twelve (12) pounds per 1,000 sq. ft. Wash fertilizer off blades immediately after spreading.

3.6 MULCHING
A. Spread mulch two (2) inches thick uniformly over the entire surface of shrubs and groundcover beds, depth measured after settling, unless otherwise specified in the plans. Provide 36" diameter bed of mulch, measured from outer edge of the trunk, for all trees and palms planted in sod areas. Keep mulch away from contact with the trunk. Create a 6" high ring of mulch at the outer edge of tree and palm holes.

3.7 GUYING AND BRACING
A. See the details bound herewith or made part of the plans.

3.8 SODDING
A. Provide a blanket of lawn sand as described in the notes in these plans. Prior to planting, remove stones, sticks, etc. from the sub-soil surface. Excavate existing non-conforming soil as required so that the finish grade of sod is flush with adjacent pavement or top of curb as well as adjacent sod in the case of sod patching.

B. Place sod on moistened soil, with edges tightly butted, in staggered rows at right angles to slopes. The sod shall be rolled with a 500 pound hand roller immediately after placing.

C. Keep edge of sod bed a minimum of 18" away from groundcover beds and 24" away from edge of shrub beds and 36" from trees, measured from the edge of plant or tree trunk.

D. Sod shall be watered immediately after installation to uniformly wet the soil to at least two inches below the bottom of sod strips.

E. Apply fertilizer to the sod as specified in Section 3.5.

F. Excavate and remove excess soil so top of sod is flush w/top of curb or adjacent pavement, or adjacent existing sod.

PLANT BED PREPARATION NOTES

1. In all areas where new sod and shrub and groundcover masses are to be planted, kill all existing weeds by treating with Round-up prior to beginning soil preparation.

2. In all shrub and groundcover beds, prepare soil as described for either condition, over the entire area to be planted:

Condition A:
If any compacted road base or asphalt or rocky soil is encountered, remove compacted material entirely to allow an 18" depth of planting soil. Backfill the entire area of the shrub and groundcover beds with 18" planting soil (as specified in Plans) to within 2 inches of the adjacent pavement or top of curb. Remove all debris and rocks and pebbles larger than 2 inches in size and level the grade before planting.

Condition B:
Where no compacted soil is encountered, thoroughly mix 6 inches of planting soil into the existing soil to a depth of 18 inches. If required, excavate and remove the existing soil to lower the grade, so that the prepared mix is finished to a minimum of 2 inches below top of curb or adjacent walkway. Remove all debris and rocks and pebbles larger than 2 inches in size and level the grade before planting.

For all sod areas, spread a 2" deep layer of lawn sand prior to sodding. Remove all debris and rocks and pebbles larger than 2 inchs in size and level the grade before sodding. Remove, if required, existing soil so that top of sod is flush with and adjacent top of curb or pavement.

For Trees and shrubs larger than 7 gallon, Add Diehard" transplant innoculant supplied by Horticultural Alliance, Inc. (800-628-6373) or equal. Mix into top 8-10 inches of planting hole, making sure it is contact with the root ball. Add at a rate specified by manufacturer (typically 4oz. per 1 inches of trunk caliper or 7 gallon can).

SPACING OF PLANTS (SEE PLANT SPACING DETAIL)

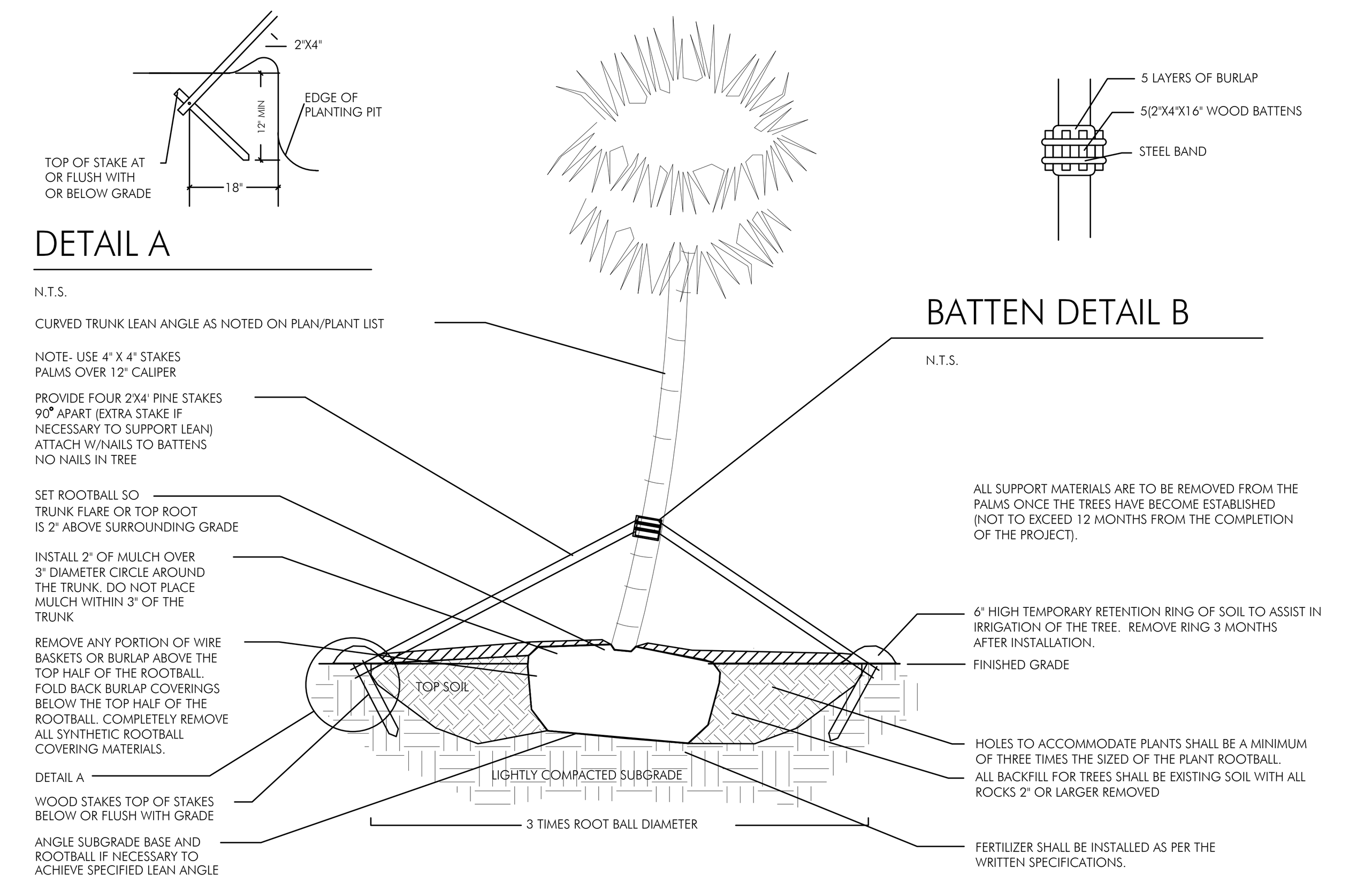
1. Plants shall be planted sufficiently away from edges of pavements or curbs, to allow for growth toward the edges of the bed.

PROTECTION OF PLANTS

1. The Contractor shall be responsible to protect existing trees and shrubs in and adjacent to the area of work. Erect barriers as necessary to keep equipment and materials, any toxic material, away from the canopy drip line of trees and shrubs. DO NOT PILE SOIL OR DEBRIS AGAINST TREE TRUNKS OR DEPOSIT NOXIOUS BUILDING SUPPLIES OR CHEMICALS WITHIN THE DRIP LINE.

ALUMINUM EDGING DETAIL

N.T.S.



PLANTING & BRACING DETAIL
FOR LEANING/CROOKED PALMS

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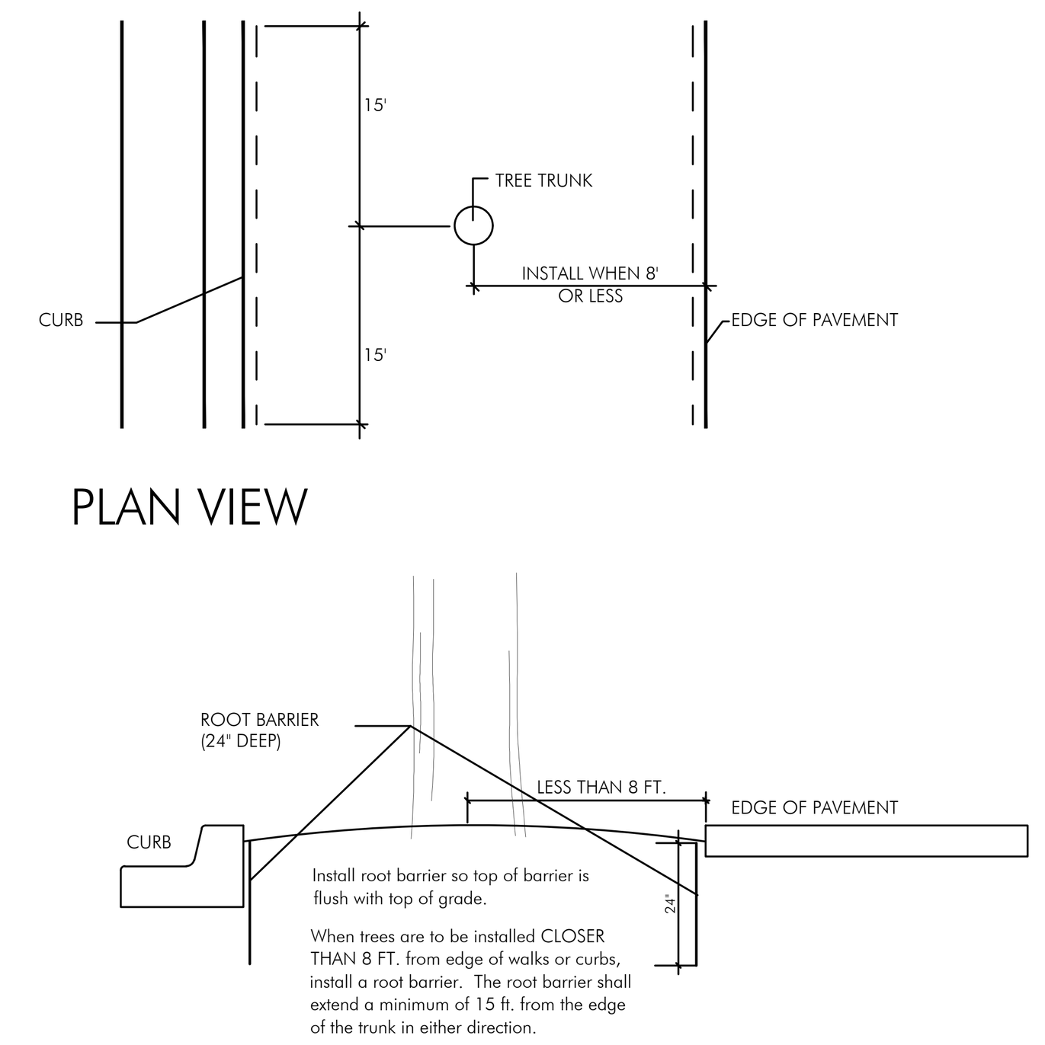

ROOT BARRIER INSTALLATION DETAIL

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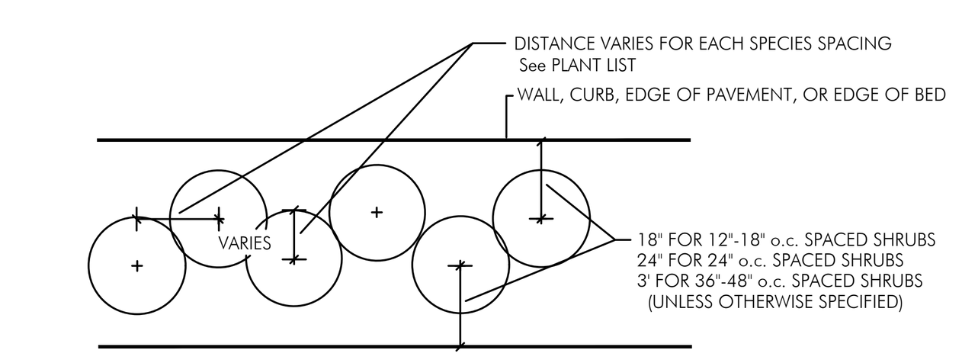

SHRUB SPACING DIAGRAM

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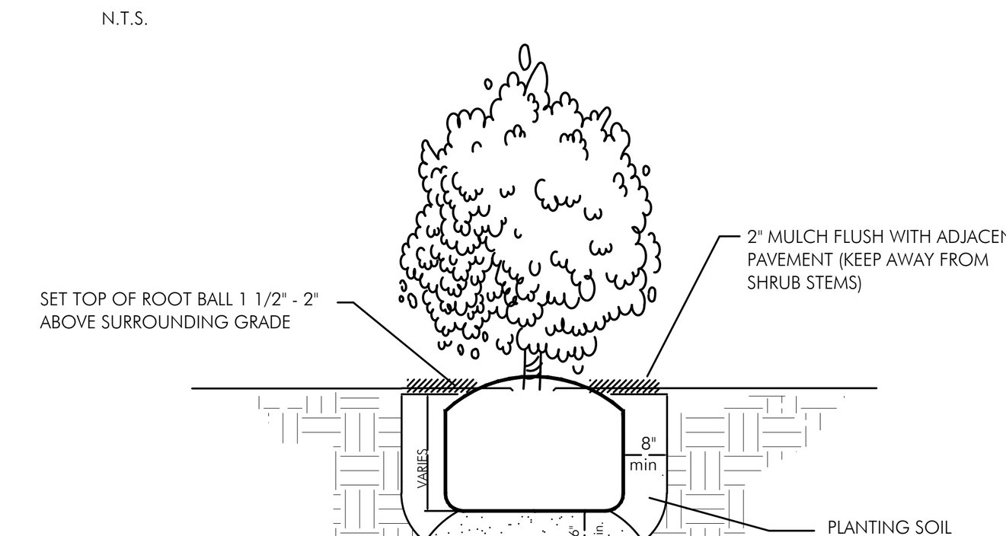

SHRUB INSTALLATION DETAIL

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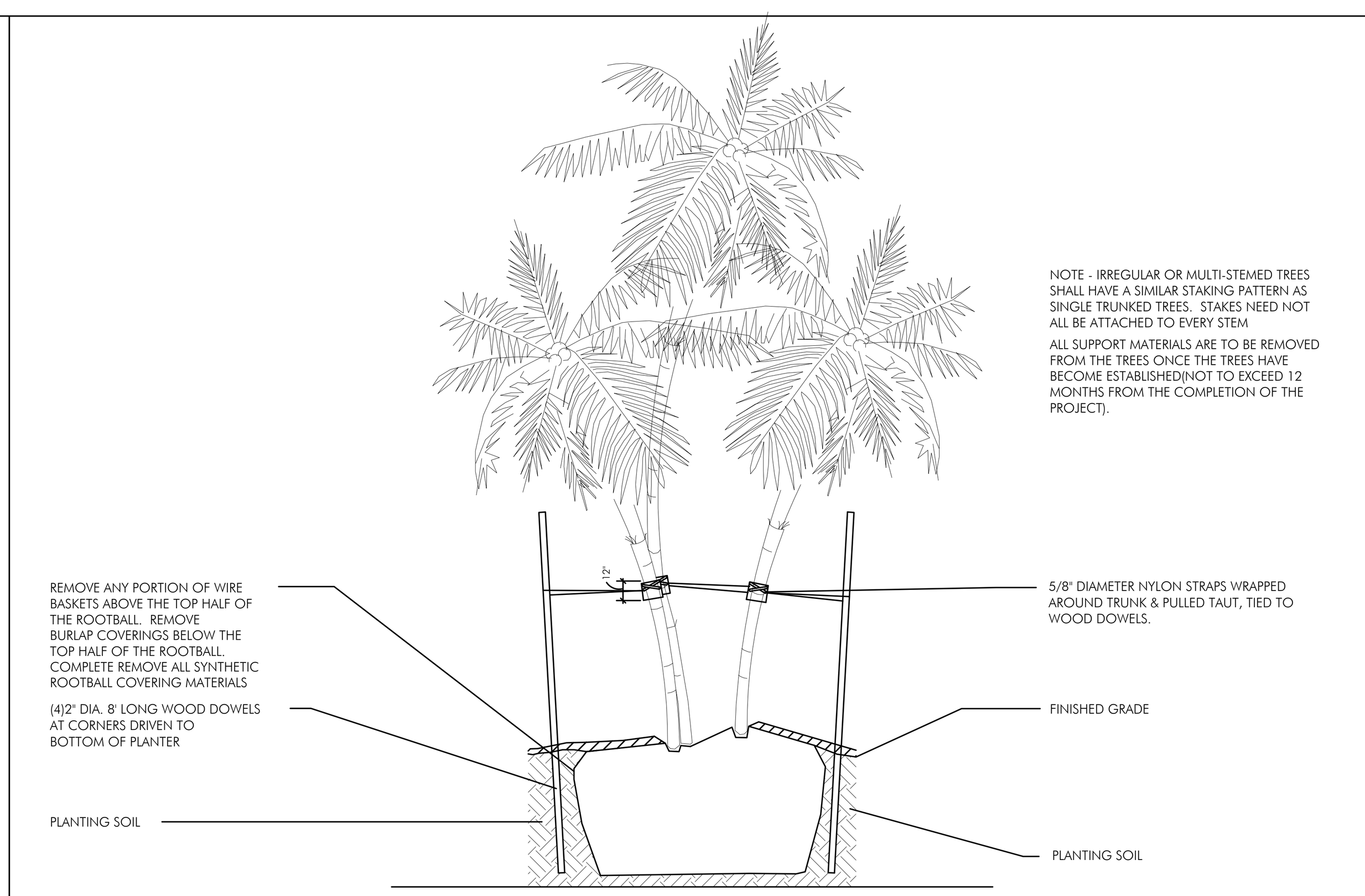

MULTI-TRUNKED TREE/PALM BRACING DETAIL

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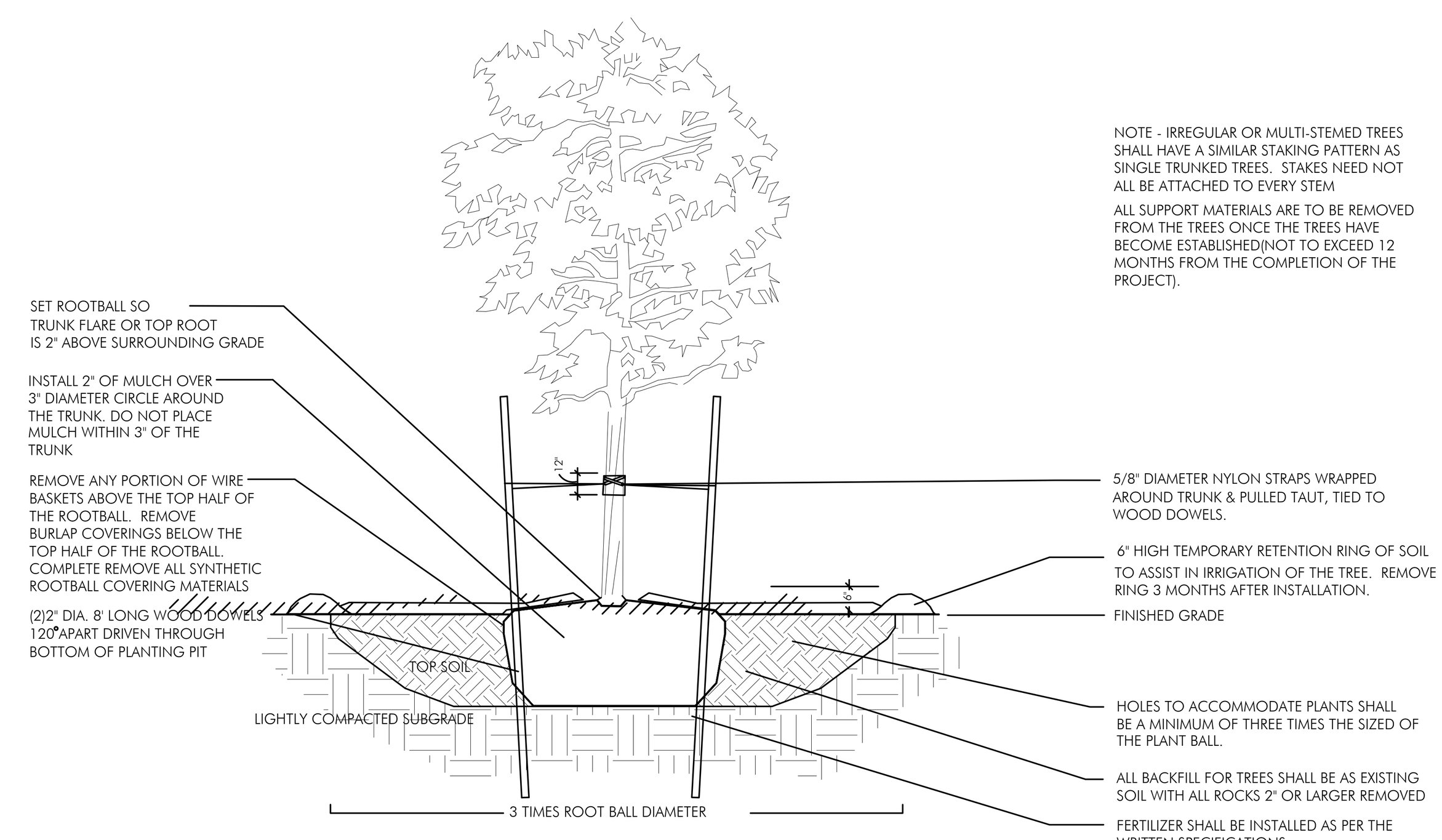

PLANTING & BRACING DETAIL
UNDER 3 1/2" CALIPER

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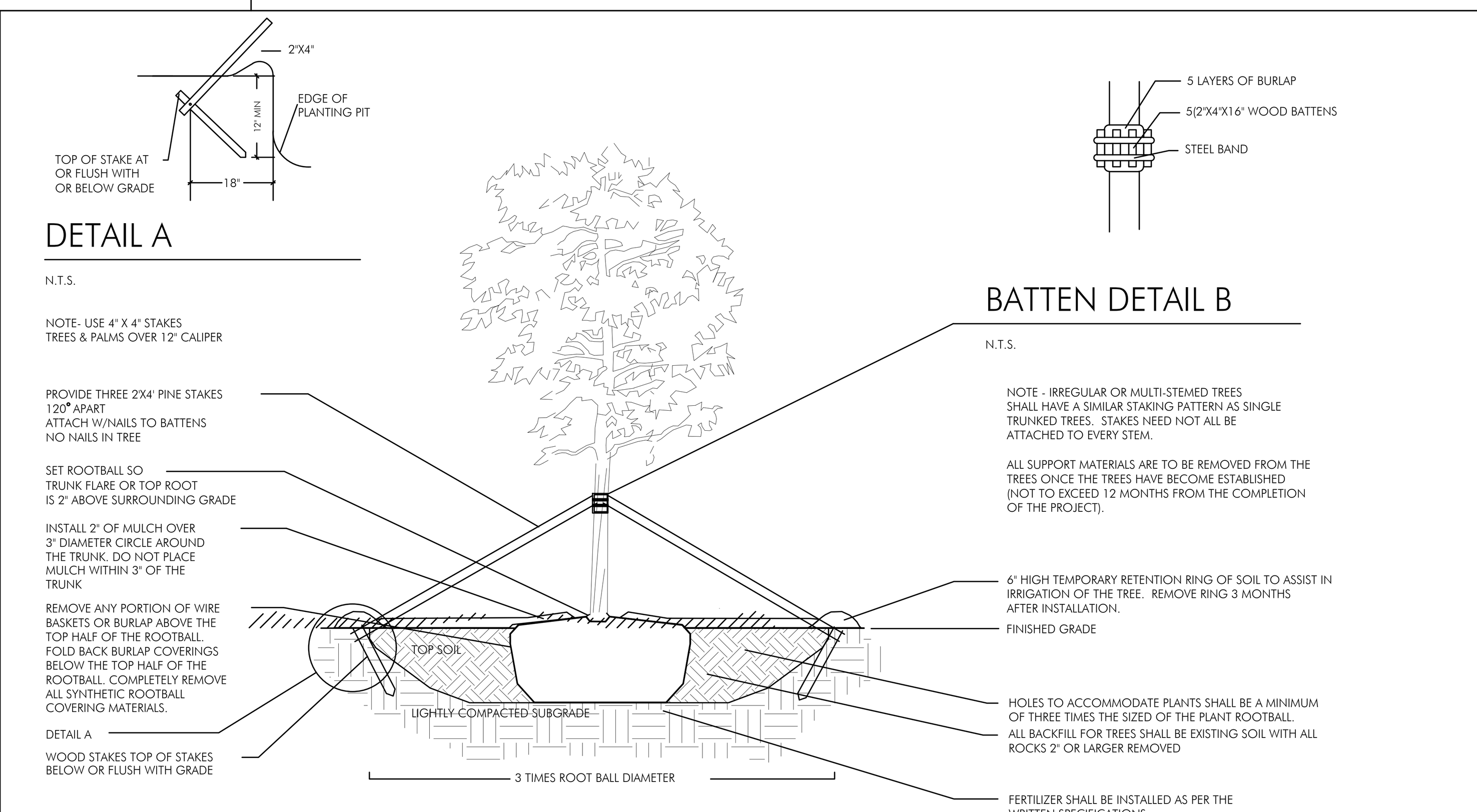

PLANTING & BRACING DETAIL
OVER 3 1/2" CALIPER

N.T.S.

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Revisions

Owner Information

#Client Company
#Client Address1
#Client Address2
#Client City, #Client State
#Client Postcode

#Client Phone Number

Consultant

Taylor Kiehl Semler
PLA-FL6667205

DRB SUBMITTAL

Date	08/04/2023
Scale	AS SHOWN
Project No.	2133
Sheet Name	PLANTING NOTES, SPECS, AND DETAILS
Sheet No.	LA-501

IRRIGATION MATERIALS LIST

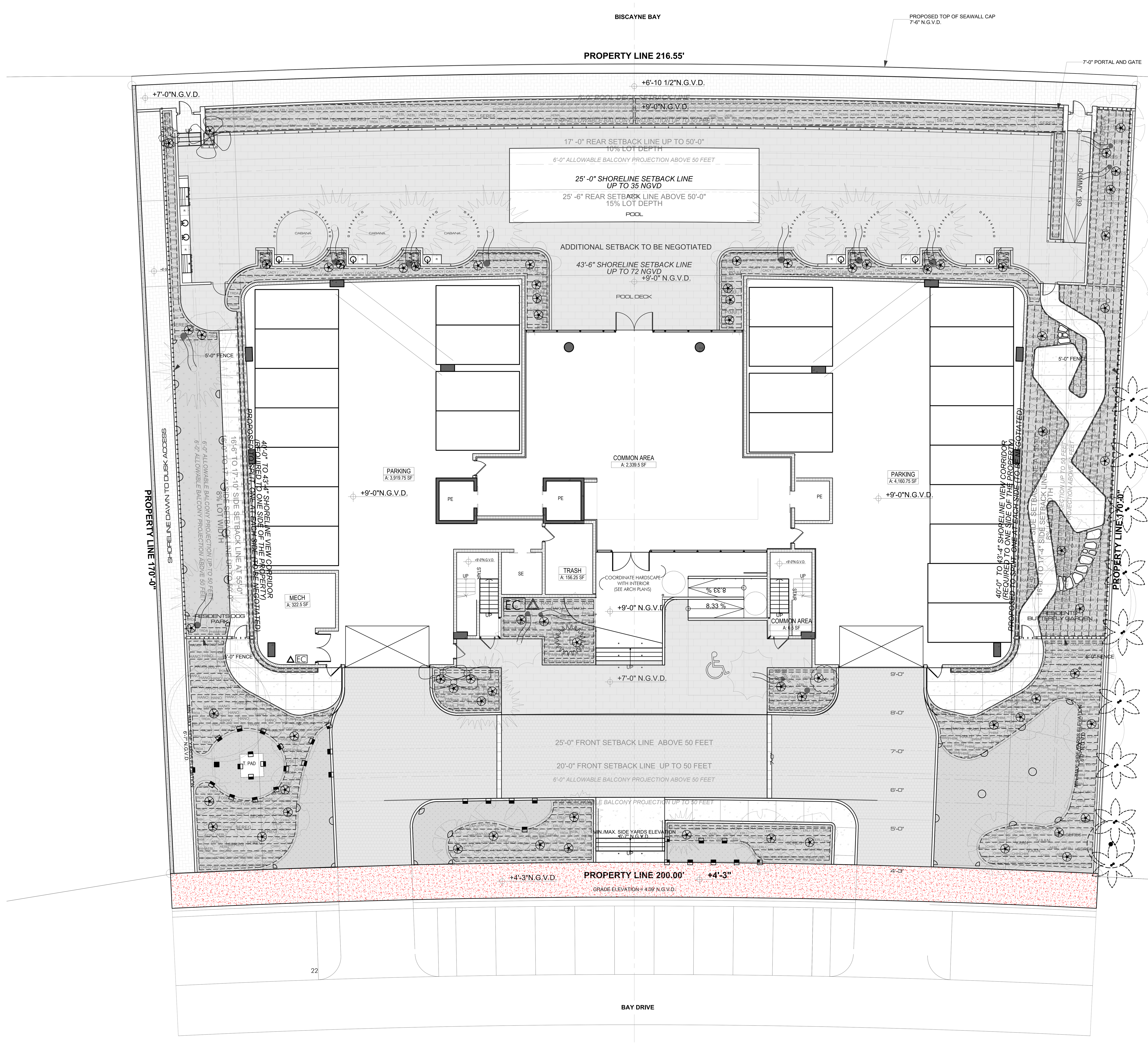
KEY	ITEM	QTY.
(solid line)	PVC laterals shall be Class 200 PVC (sized as shown on plans)	as required
(dashed line)	MAIN shall be Class 200 PVC	as required
(double dashed line)	PVC sleeves shall be Class 200 PVC (sized double the width of the pipe running through it)	as required
	Flexible PVC or Polypipe (for swing joints)	as required
WM	Water Meter and Backflow Prevention Assembly (See Civil Plans)	1
EC	Electric Controller RAINBIRD ESPME3 Series Controller	1
△	Rainbird RSD Series Rain Sensor (locate in area of free rainfall)	1
◕	RAINBIRD 200-PESB 2" Electromechanical Solenoid Control Valve	#
	Irrigation Control Wire	as required
	RAINBIRD Spray Heads 1800 @ 30 PSI Series w/MPR nozzles 6" pop-up in grass areas 12" pop-up on risers in shrub beds	as required
○	10-F (1.58 gpm)	
	10-TQ (1.18 gpm)	
	10-H (.79 gpm)	
	10-T (.53 gpm)	
	10-Q (.39 gpm)	
■	5-F (.41 gpm)	
	5-TQ (.33 gpm)	
	5-H (.20 gpm)	
	5-T (.13 gpm)	
	5-Q (.10 gpm)	
✶	RAINBIRD 1300A-F Adjustable Flood Bubbler 1300A-F (1.5 gpm)	as required
▼	Rainbird 1" Inline Pressure Regulator (PSI-M40X-100)(drip zones not to exceed 40psi max)	as required
(solid line)	RAINBIRD XFS Subsurface Dripperline XFS-09-12-500/250/100 Air/Vaccum Relief Valves Kit (3/4" Air relief valve/ Easy Fit Compression Tee/ and Flush Cap)	as required
	Residential Wide Flow Control Zone Kit (XCZ100PRBCOM) (0.3-20 gpm)	as required
⧓	RAINBIRD 3-RC Quick Coupler Valve	as required
	PVC Supply Header for dripplerline Class 200 PVC	as required
⊗	RAINBIRD Xeri-Bubbler UXB-360-1032 (.6 gpm)	71

LATERAL PIPE SIZING

The Contractor is responsible to properly size all laterals. All laterals shall be sized according to the following schedule. Total gallonage per pipe section shall be calculated be adding the GPM per head for every head downstream of the pipe.

CLASS 200 PVC PIPE SIZING CHART

SIZE	GPM
3/4"	0-8 GPM
1"	8-14 GPM
1 1/4"	14-24 GPM
1 1/2"	24-32 GPM
2"	32-50 GPM
2 1/2"	50-75 GPM
3"	60-110 GPM
4"	110-190 GPM



IRRIGATION HEAD LAYOUT PLAN
GROUND LEVEL
1 LA-601
SCALE: 1" = 10'

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Revisions

Owner Information

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DRB SUBMITTAL

Date	08/04/2023
Scale	AS SHOWN
Project No.	2133
Sheet Name	IRRIGATION PLAN GROUND LEVEL
Sheet No.	LA-601

GENERAL NOTES:

1. SCOPE OF WORK: The Contractor shall furnish all labor, machinery, tools, supplies, and equipment as necessary to construct and provide an operating system, as indicated in the Plans. The work shall include, but not be limited to, furnishing materials (pipe, valves, sprinkler heads, fittings, controllers, electrical, wire and fittings, primer, glue, etc.), layout, protection to the public, excavation, assembly, installation, backfilling, compaction, repair of road or pavement surfaces, controller and low voltage feed to the valves, clean-up, maintenance and guarantee, and as-built plans.

2. Contractor shall coordinate with General Contractor or other pertinent Contractors on the job to insure that sleeves are provided and installed under hard surfaces to allow access to all areas to be irrigated. All sleeves shall be constructed of Schedule 40 PVC. Bury all sleeves a minimum of 24" below the surface. Sleeve to be 2 times the size if the pipe running through it. Sleeve shall extend 24" past the edge of pavement into the area to be irrigated.

3. GUARANTEE: The irrigation system shall be guaranteed for a minimum of one calendar year from the time of final acceptance.

4. REPAIR UTILITIES: The Contractor shall be responsible to verify the location of all utilities by hand excavation or other appropriate measures before performing any work that may result in damage to utilities structures, or property. The Contractor shall take immediate steps to repair, replace, or restore all services to any utilities which are disrupted due to his operations. All costs involved in disruption of service and repairs due to negligence on part of the Contractor shall be his responsibility.

5. AS-BUILT DRAWINGS: Prints of the plans will be supplied to the Contractor for recording "as-built" information. Immediately upon installation of any work which deviates from what is shown on the Plans, the Contractor shall clearly indicate such changes in red pencil on the prints. Such changes shall include, but not be limited to, changes in (1) materials; (2) sizes of material; (3) location; and (4) quantities.

6. The entire installation shall fully comply with all applicable local and state codes and ordinances. The Contractor shall take out all required plumbing and electrical applications and permits, arrange for all necessary inspections and shall pay all fees and expenses in connection with same as part of work under the contract.

7. UNIT PRICES: The successful bidder shall furnish, to the Owner, a unit price breakdown for all materials. The Owner may at his own discretion, add to or delete from the materials, using the unit price breakdown submitted to and accepted by the Owner.

8. MAINTENANCE PERIOD: The irrigation system shall be maintained for a period of 90 days after final acceptance of installation. Maintenance shall include checking of the system 2 times per week. Contractor shall be responsible to replace/repair any broken or malfunctioning parts of the system including those damaged by accidents or vandalism. Repairs shall be made immediately at the time of inspection or when notified by the Landscape Architect.

9. The irrigation system shall provide 100% coverage with a minimum of 90% overlap of water spray.

10. The system is design to provide sprinkler precipitation rates that are nearly equal in each zone. Mixing of sprinklers with widely varying precipitation rates in a zone will not be accepted.

11. All pipe shall be made of Schedule 40 PVC, except flexible PVC (or Toro funny pipe) for flexible swing joint and Schedule 80 galvanized steel pipe for all above ground fittings. Pipe locations shall be adjusted in the field. When laying out mains and laterals, locate pipe near edges of pavement or against buildings wherever possible, to allow space for plant rootballs. Coordinate pipe locations with plantings. Bury all mains 18" below surface and laterals 12". Depth shall be measured to top of pipe.

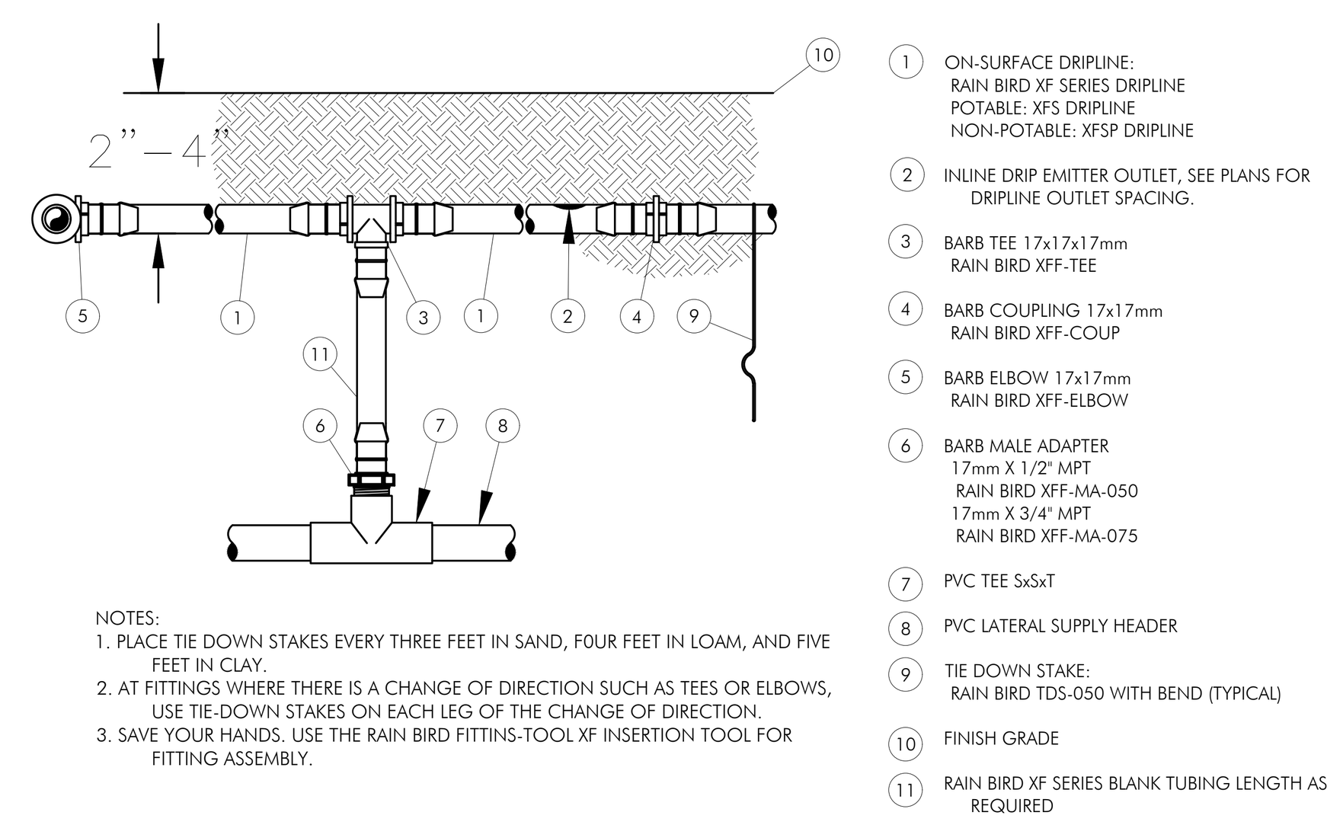
12. Keep pop-up sprinkler heads a minimum of 8" from edges of pavement and curbing, and heads on risers a minimum of 18", or as indicated in the pans.

13. All heads located in shrub or groundcover beds shall be installed on a riser as per details in the plans. All other heads shall be installed on a swing joint as per details in the plans.

14. Place irrigation control wire in conduit in the same trench as mains and under the main. ASI wire shall be #14 or larger solid copper U.L. approved underground direct burial cable and shall be continuous with no splices from controller to solenoid valve.

15. Valve locations are schematic and shall be adjusted in the field. Each valve shall be in a separate valve box (10" x 16") min.). When grouping valve boxes in grass or groundcover areas, set boxes a minimum of 12" apart to allow grass or groundcover to grow between them. When possible, hide valve boxes in shrub beds, a minimum of 12" from edge of beds. Set all valve boxes, concrete or plastic, in ground with cover flush with finish grade, and level, with a minimum of 6" of pea gravel at the bottom of the box, with at least 2" of clearance from the bottom of the valve to the top of the gravel.

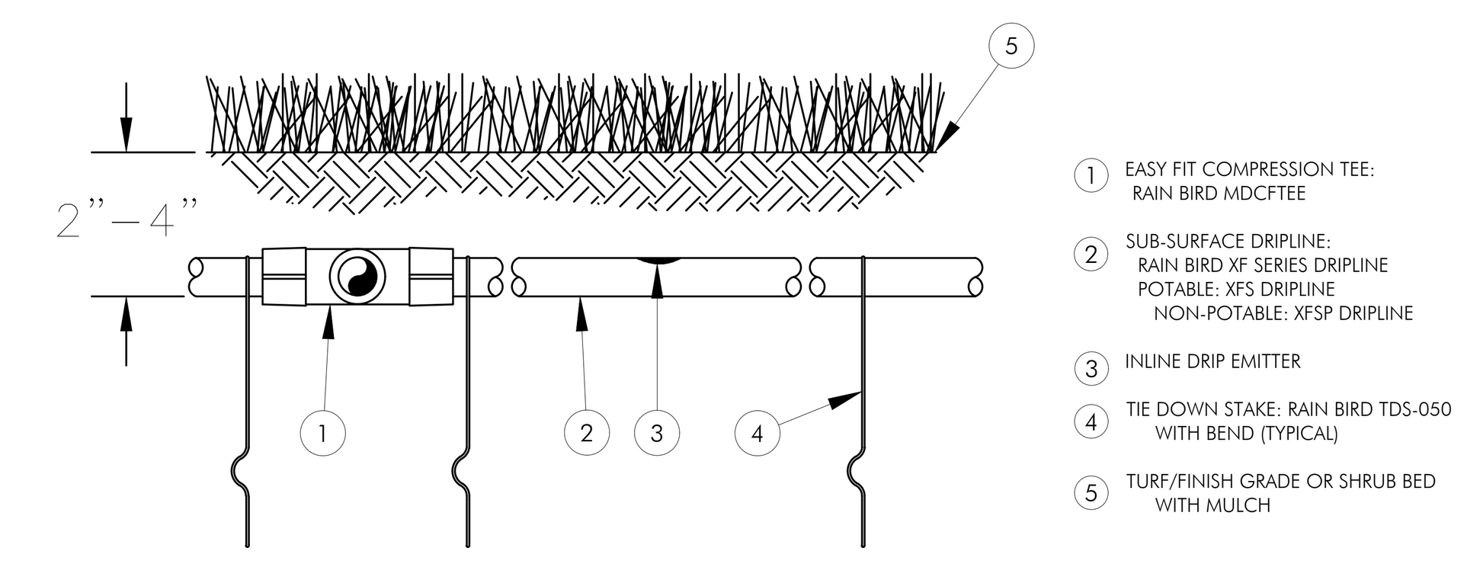
16. TESTING: Notify the Landscape Architect in writing when testing will be conducted. Conduct test in the presence of the Landscape Architect. After all PVC assembly is completed the lines shall be flushed to insure that no rocks, sand, or other foreign debris remains in the lines. The mains shall be filled with water and all outlets shall be capped and plugged. The main shall be pressurized to 100 PSI for a minimum of one hour. No section of the main will be approved if the pressure drops more than 5 PSI at the end of the one hour period. Leaks shall be repaired immediately and the system shall be re-tested until found satisfactory by the Landscape Architect.



NOTES:
1. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.
3. SAVE YOUR HANDS. USE THE RAIN BIRD FITTING-TOOL XF INSERTION TOOL FOR FITTING ASSEMBLY.

XFS SUBSURFACE DRIPLINE RISER ASSEMBLY

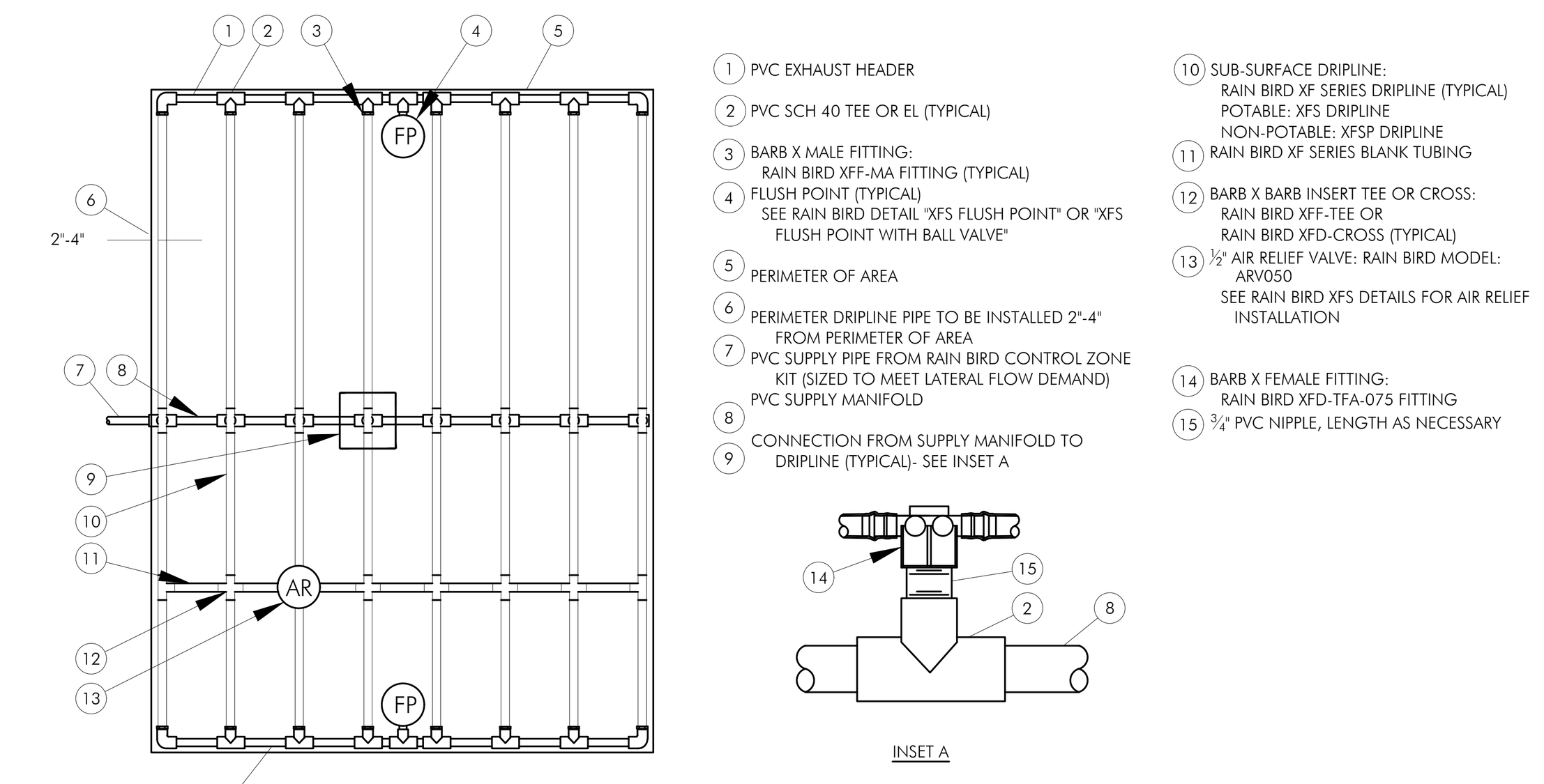
N.T.S.



NOTES:
1. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.
3. INSERTION PLOW AND TRENCHED INSTALLATIONS DO NOT REQUIRE TIE DOWN STAKES.

XFS SUBSURFACE DRIPLINE BURIAL

N.T.S.



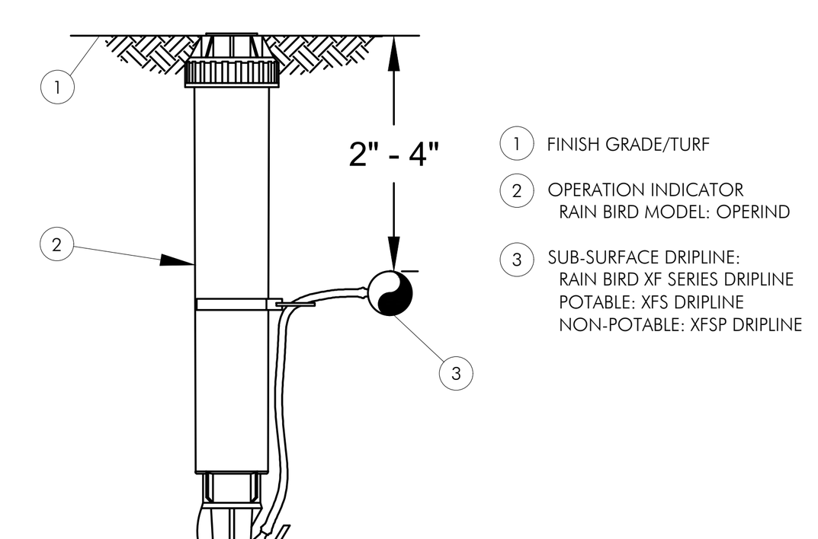
NOTES:
1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE RAIN BIRD XF-SDI DRIPLINE INSTALLATION GUIDE FOR SUGGESTED SPACINGS.
2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM LENGTH SHOWN IN THE ACCOMPANYING TABLE.
3. AIR RELIEF VALVE TO BE INSTALLED AT HIGH POINT OF AREA.
4. WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING.

XFS Dripline Maximum Lateral Lengths (Feet)

Inlet Pressure psi	12" Spacing Nominal Flow (gph)		18" Spacing Nominal Flow (gph)		24" Spacing Nominal Flow (gph)	
	0.6	**0.9**	**0.6**	**0.9**	**0.6**	**0.9**
15	273	155	314	250	424	322
20	318	169	353	294	508	368
30	360	230	413	350	586	414
40	395	255	465	402	652	474
50	417	285	528	420	720	488
60	460	290	596	455	780	514

XFS SUBSURFACE DRIPLINE CENTERFEED LAYOUT

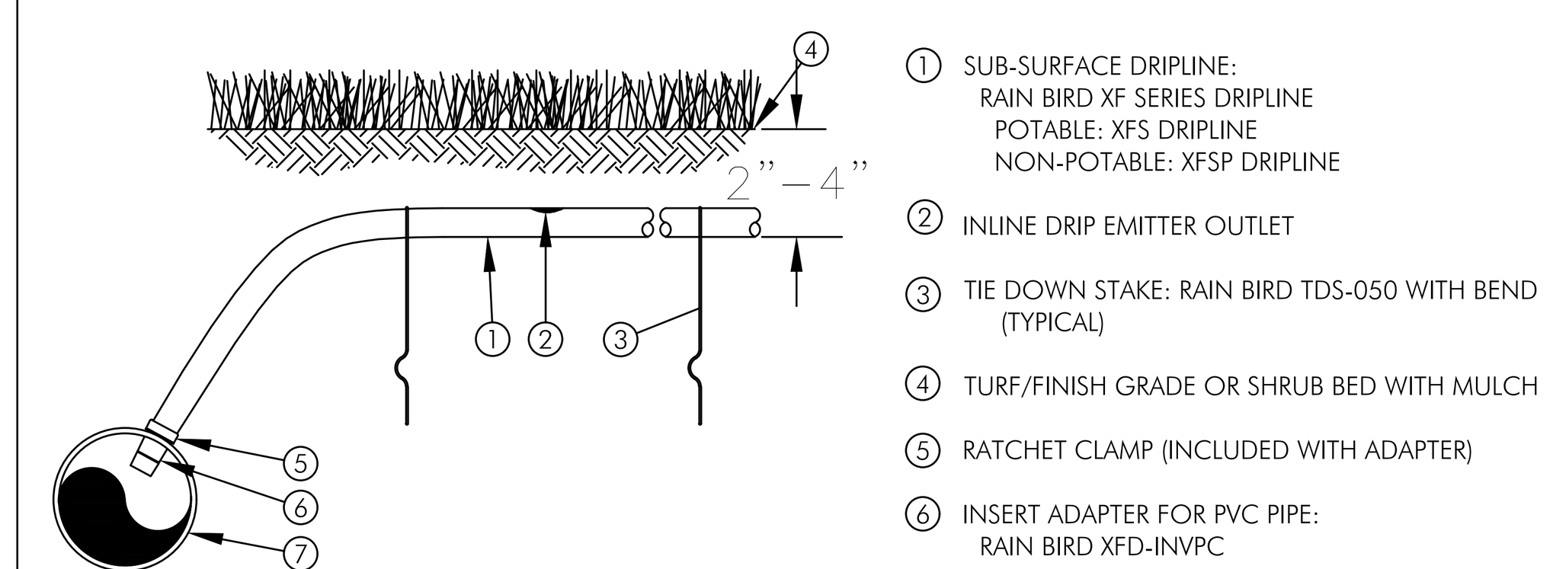
N.T.S.



NOTE:
1. INSERT BARB TRANSFER FITTING DIRECTLY INTO DRIPLINE TUBING.
2. VAN NOZZLE MAY BE SET TO CLOSED; OR IF IT IS DESIRED TO SEE SPRAY FROM THE NOZZLE, SET THE ARC TO 2" PATTERN. THE FLOW FROM THE NOZZLE, 0.3 GPM, SHOULD BE ACCOUNTED FOR IN THE SYSTEM DESIGN.

XFS SUBSURFACE DRIPLINE OPERATION INDICATOR

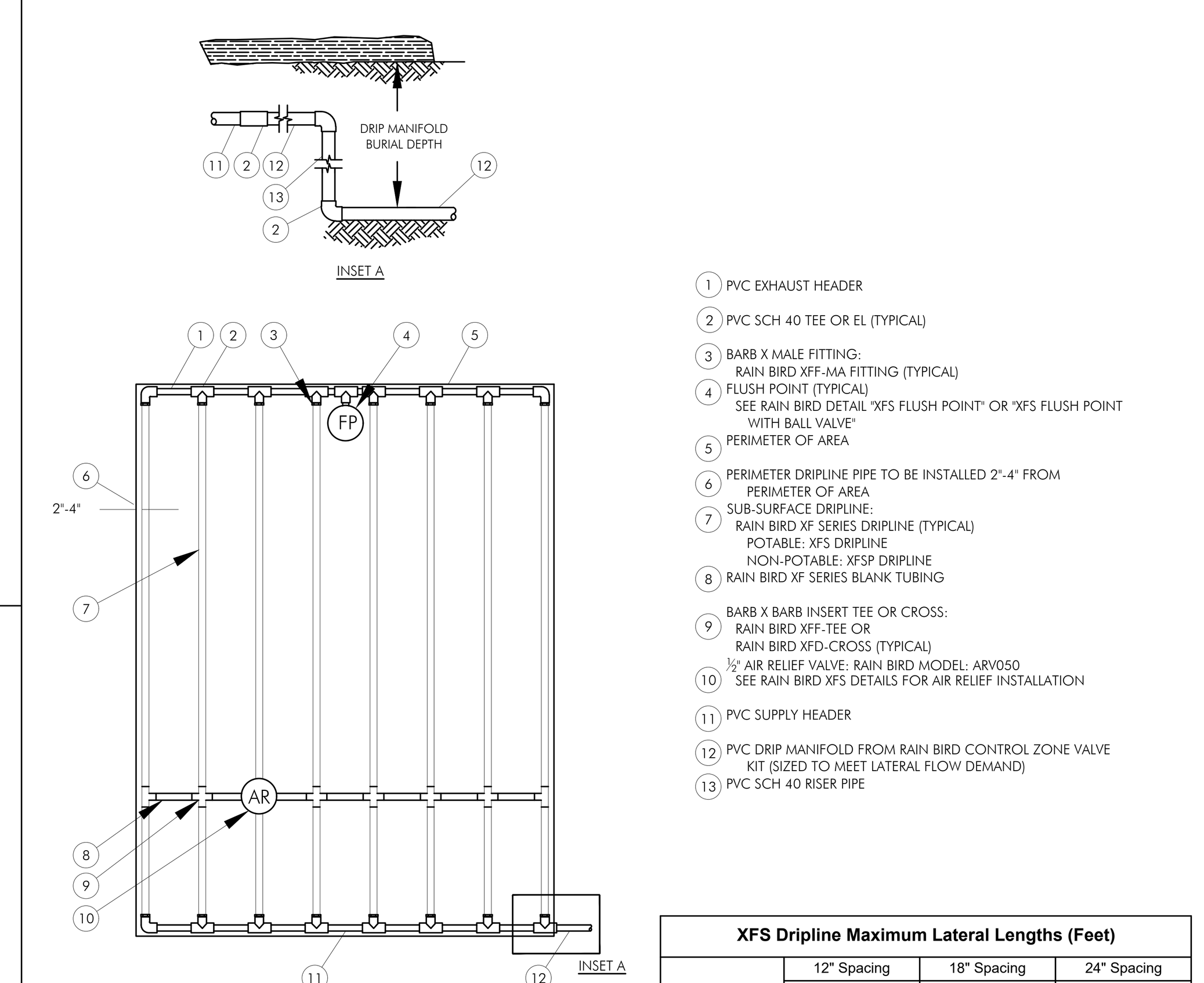
N.T.S.



NOTES:
1. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.
3. INSERTION PLOW AND TRENCHED INSTALLATIONS DO NOT REQUIRE TIE DOWN STAKES.

XFS SUBSURFACE DRIPLINE ADAPTER FOR PVC

N.T.S.



NOTES:
1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE RAIN BIRD XFS DRIPLINE INSTALLATION GUIDE FOR SUGGESTED SPACINGS.
2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM LENGTH SHOWN IN THE ACCOMPANYING TABLE.
3. AIR RELIEF VALVE TO BE INSTALLED AT HIGH POINT OF AREA.
4. WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING.

XFS Dripline Maximum Lateral Lengths (Feet)

Inlet Pressure psi	12" Spacing Nominal Flow (gph)		18" Spacing Nominal Flow (gph)		24" Spacing Nominal Flow (gph)	
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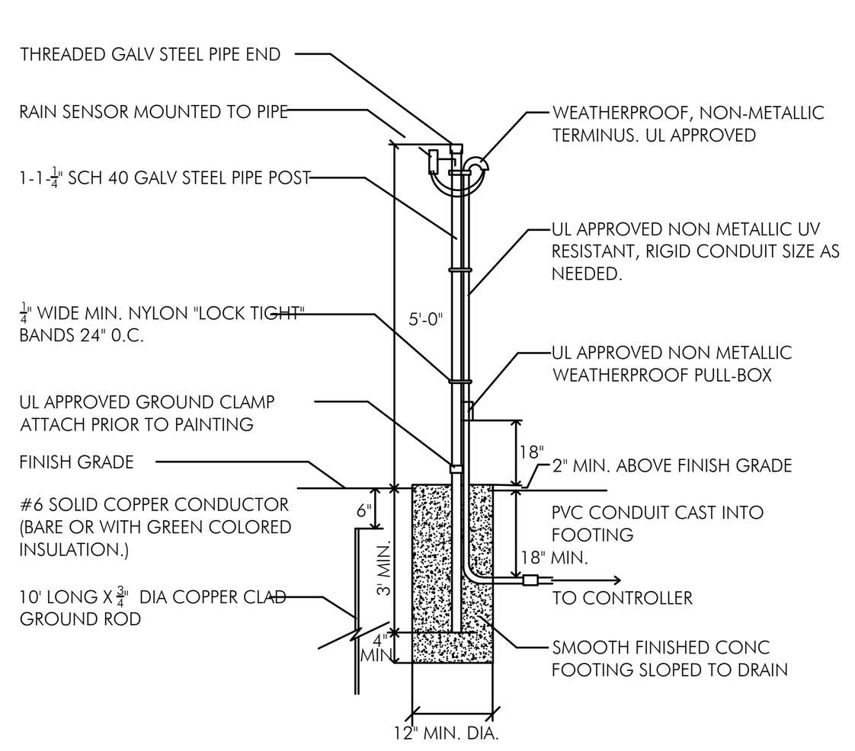
60	460	290	596	455	780	514

XFS SUBSURFACE DRIPLINE END FEED LAYOUT

N.T.S.

NOTE:
ALL WIRE CONNECTIONS SHALL BE APPROVED WATERTIGHT CONNECTIONS.
FINISH ENTIRE ASSEMBLY, EXCEPT FOR EQUIPMENT, WITH FLAT BLACK ACRYLIC ENAMEL PAINT.
PRIME METALLIC SURFACES WITH ZINC CHROMATE PRIOR TO FINISHING.



RAIN SENSOR DETAIL

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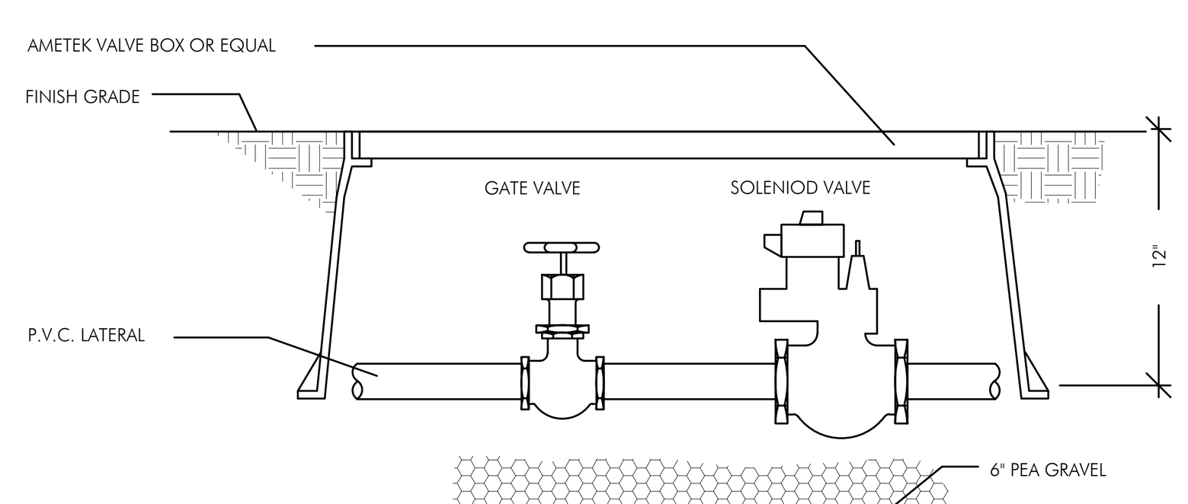
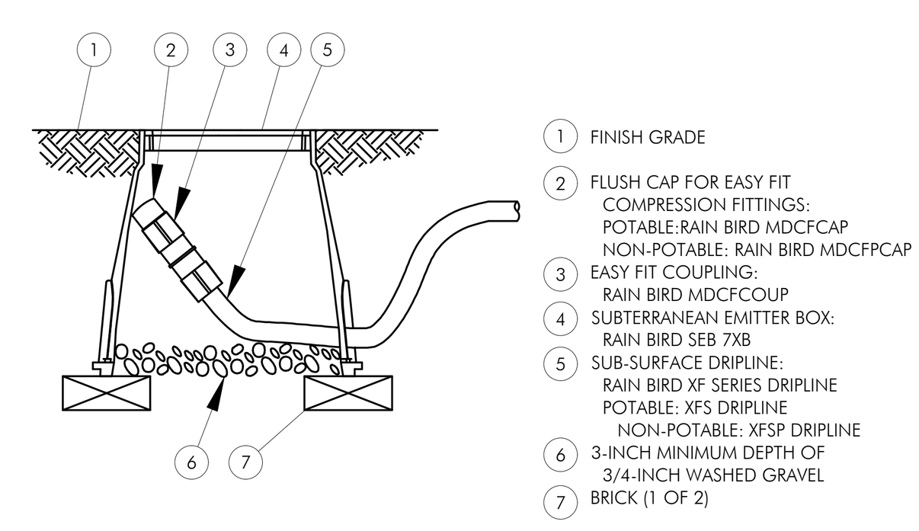


TYPICAL SOLENOID VALVE ASSEMBLY

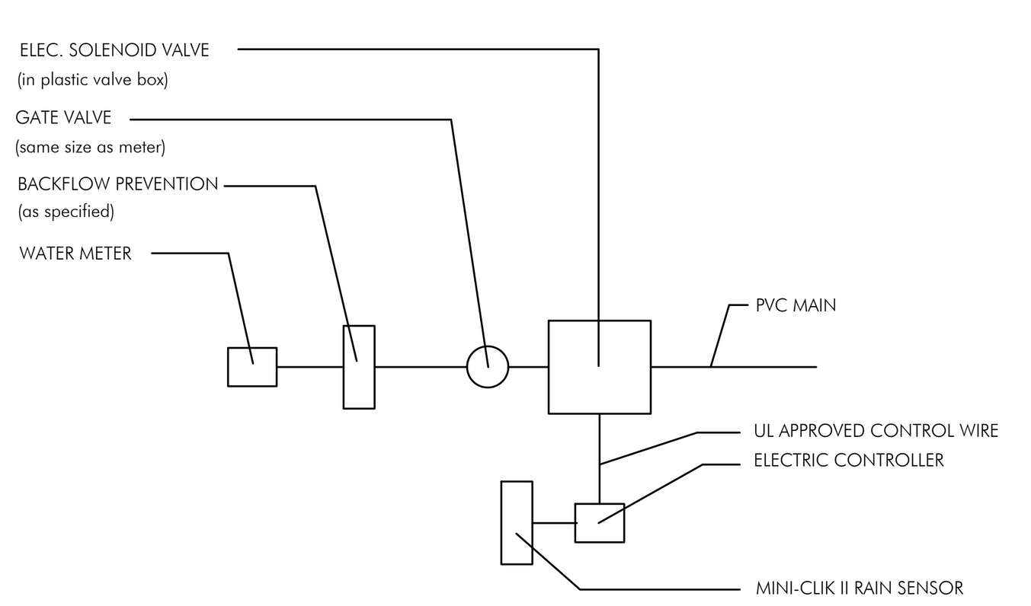
N.T.S.



NOTE:
1. ALLOW A MINIMUM OF 6-INCHES OF DRIPLINE TUBING IN VALVE BOX IN ORDER TO DIRECT FLUSHED WATER OUTSIDE VALVE BOX.

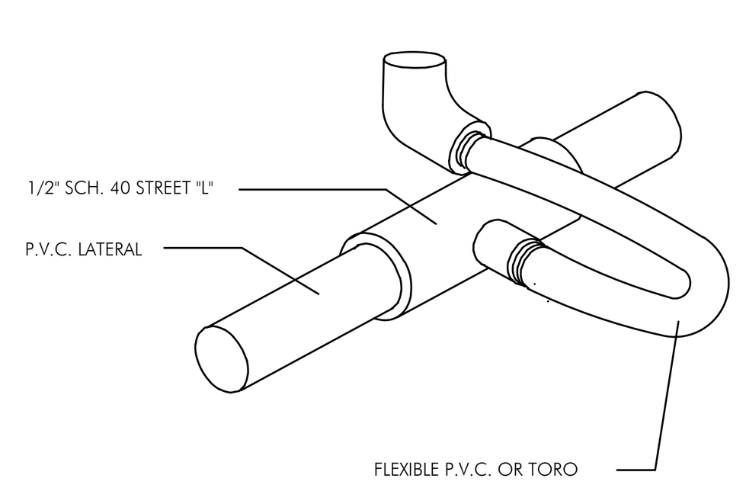
XFS DRIPLINE FLUSHPOINT WITH COMPRESSION FITTINGS

N.T.S.



CONNECTION TO METER DETAIL

N.T.S.



FLEXIBLE SWING JOINT DETAIL

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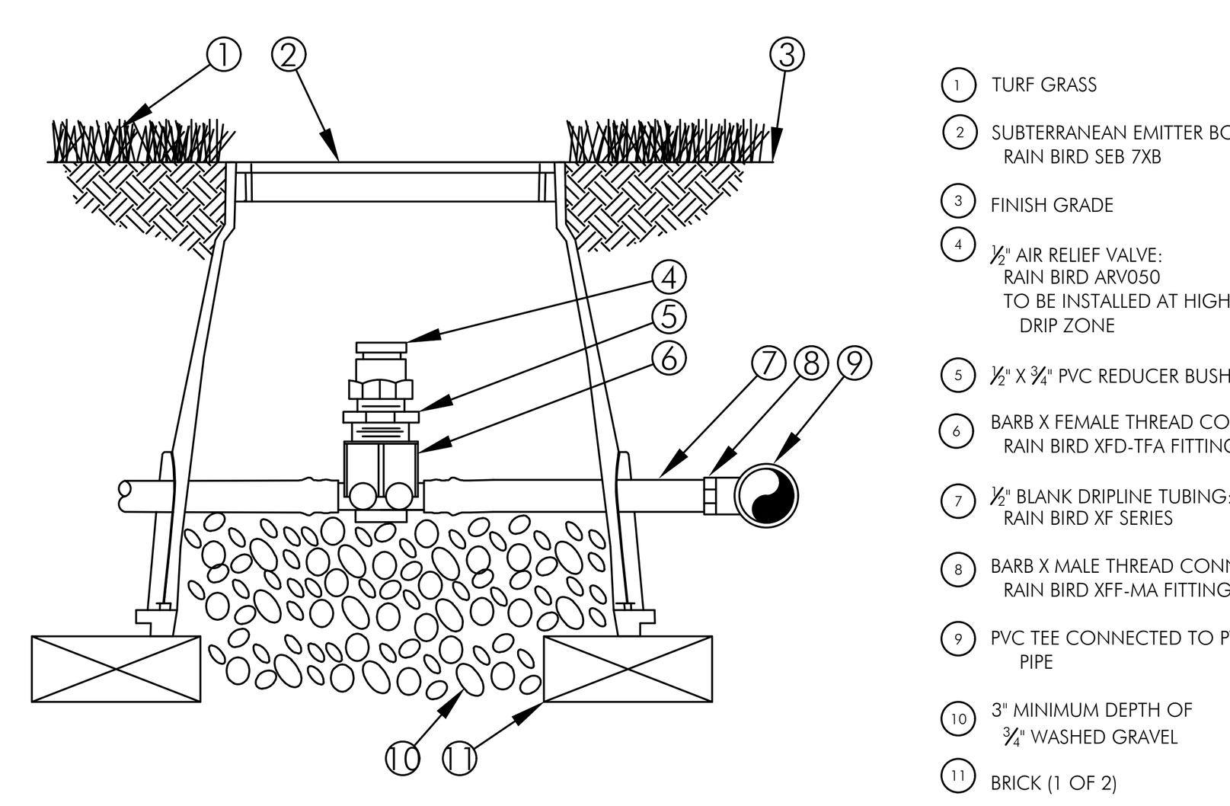
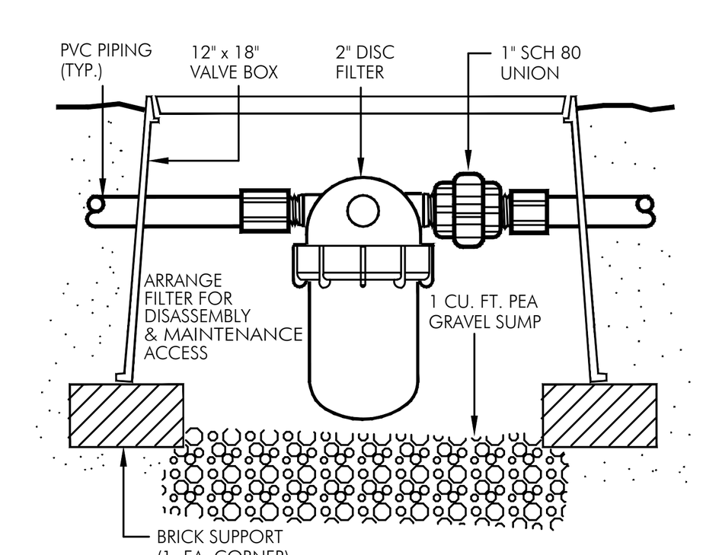


XFS AIR/VACUUM RELIEF

N.T.S.



2" DISC FILTER

N.T.S.

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#Client Phone Number

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Date 08/04/2023
Scale AS SHOWN
Project No. 2133
Sheet Name PLANTING NOTES, SPECS, AND DETAILS
Sheet No. LA-501