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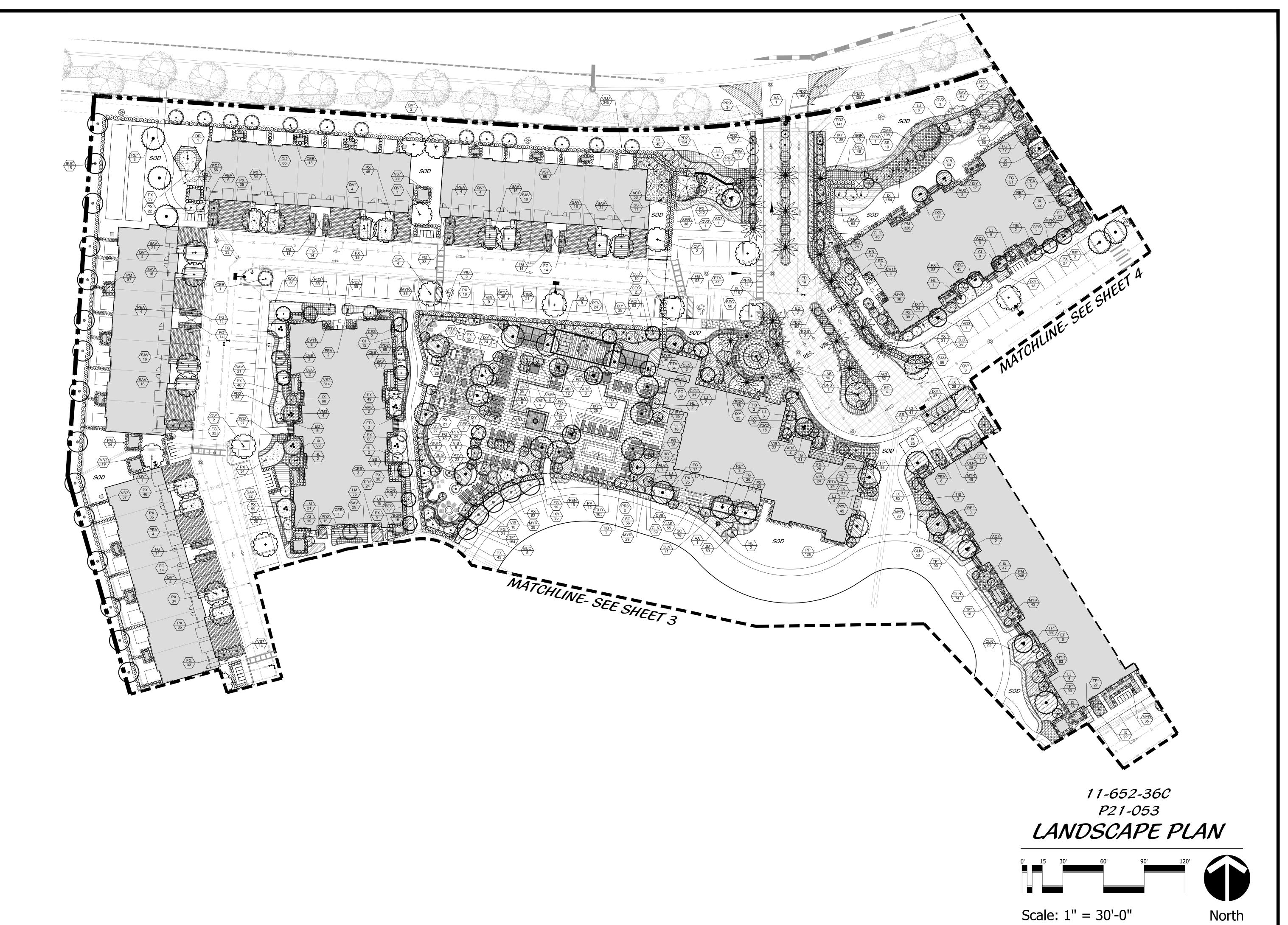
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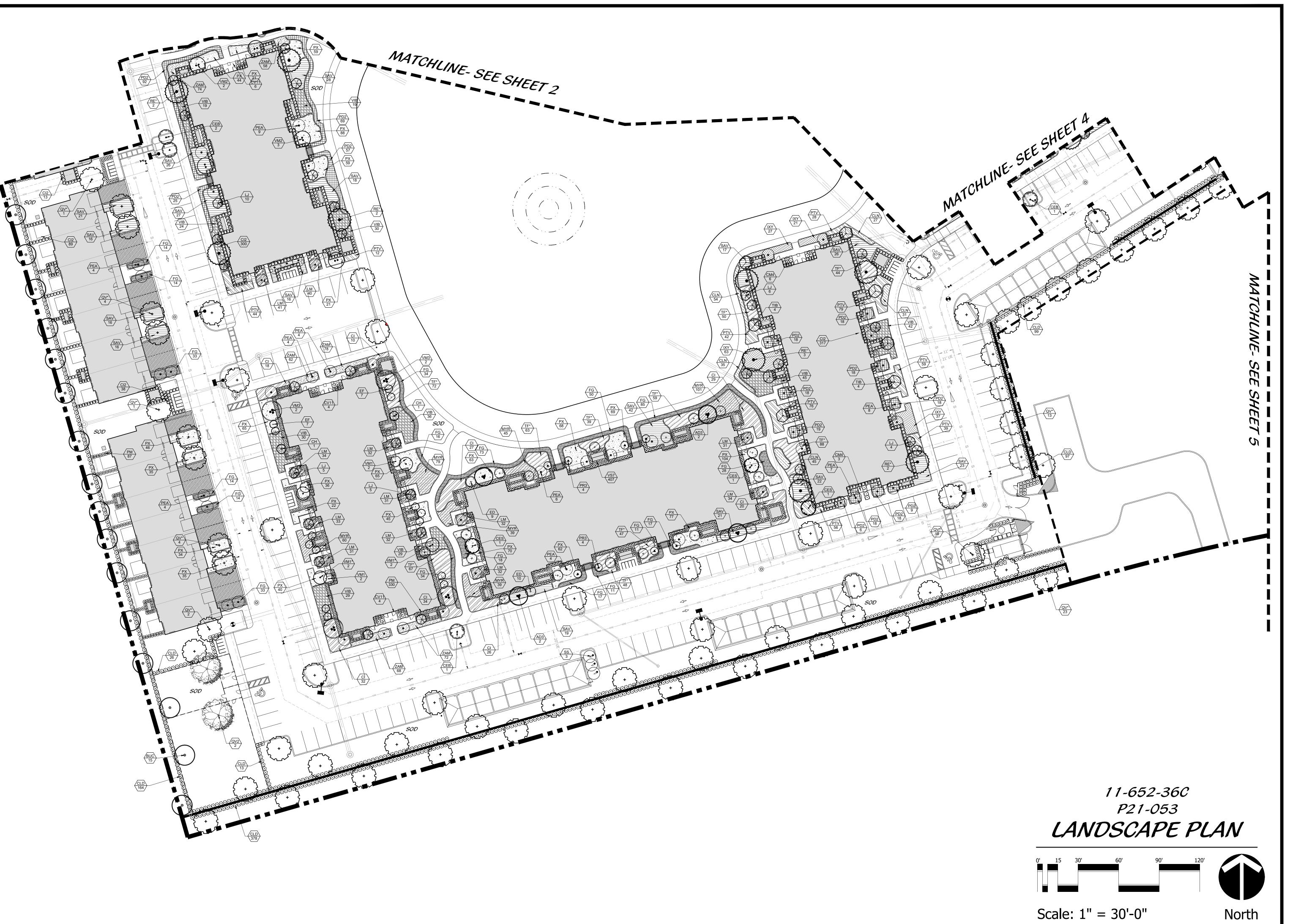




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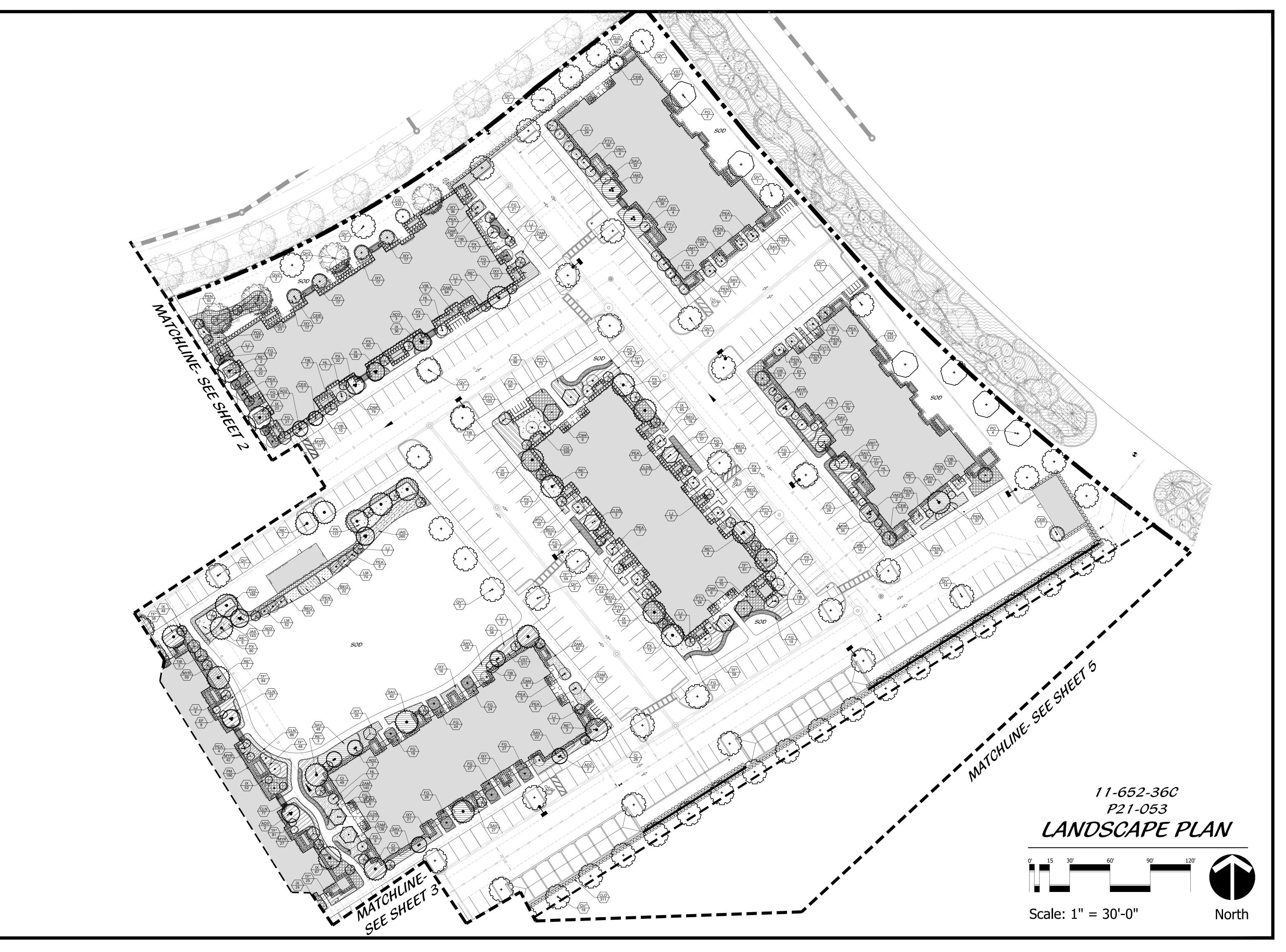




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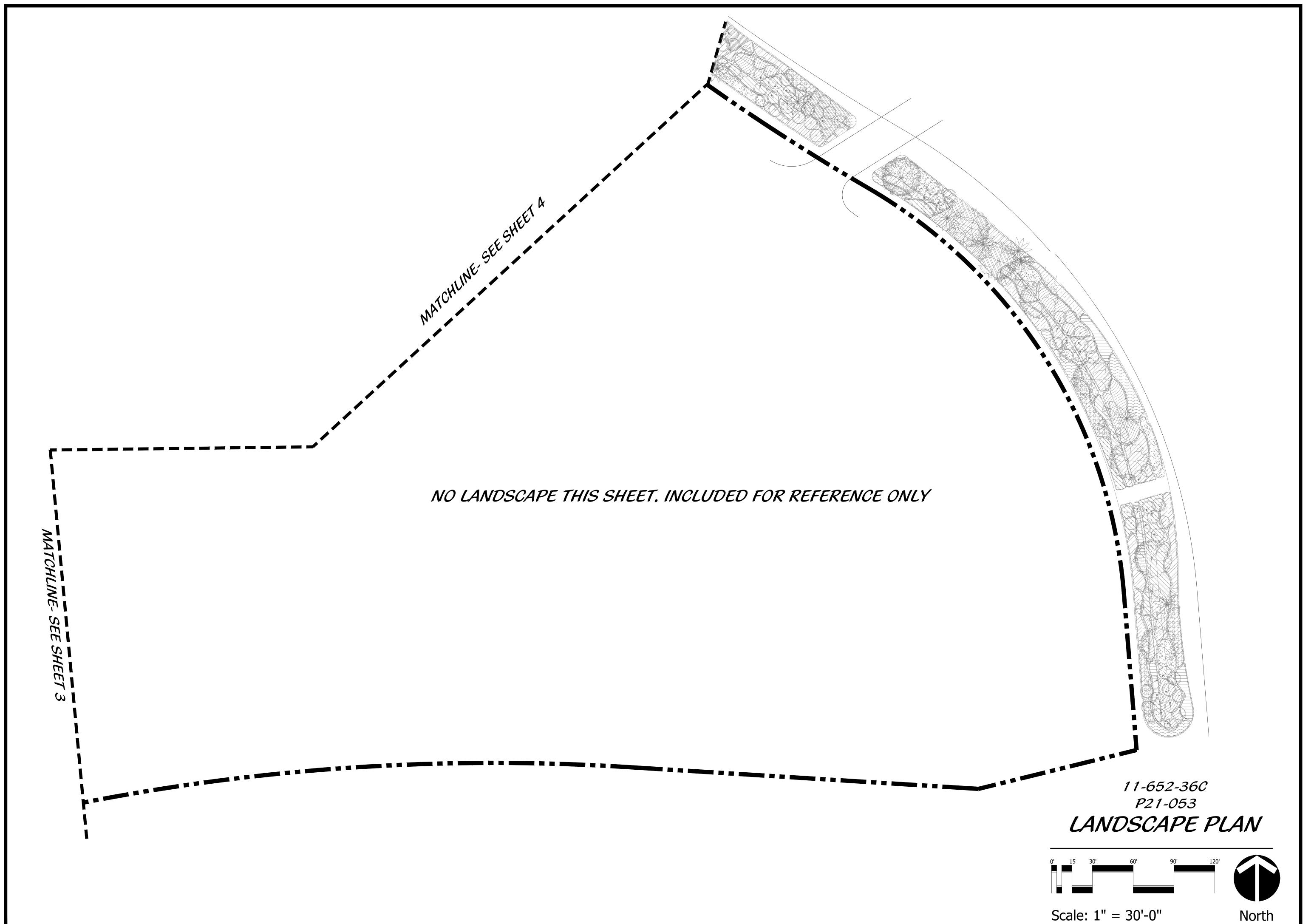
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## LANDSCAPE SPECIFICATIONS

### 1. GENERAL LANDSCAPE REQUIREMENTS

LANDSCAPE CONTRACT WORK INCLUDES, BUT IS NOT LIMITED TO, SOIL PREPARATION, FINE OR FINISH GRADING, FURNISHING AND INSTALLING PLANT MATERIAL, WATERING, STAKING, GUYING AND MULCHING.

TREES, PALMS, SHRUBS, GROUNDCOVERS:
PLANT SPECIES AND SIZES SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS,
NOMENCLATURE SHALL CONFORM TO STANDARD PLANT NAMES, 1942 EDITION. ALL NURSERY STOCK
SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS PARTS I & II, LATEST
EDITION PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES,
UNLESS SPECIFIED OTHERWISE. ALL PLANTS SHALL BE FLORIDA GRADE NUMBER 1 OR BETTER AS
DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. TIGHTLY KNIT PLANT, SO TRAINED OR
FAVORED IN ITS DEVELOPMENT THAT FIRST APPEARANCE IS UNQUESTIONABLE AND IT IS
OUTSTANDINGLY SUPERIOR IN FORM, NUMBER OF BRANCHES, COMPACTNESS AND SYMMETRY. ALL
PLANTS SHALL BE FRESHLY DUG, SOUND, HEALTHY, VIGOROUS, WELL BRANCHED AND FREE OF DISEASE
AND INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES AND PALMS FOR
PLANTING ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO
APPROVAL BY THE LANDSCAPE ARCHITECT. THE PLANTS FURNISHED SHALL BE NORMAL FOR THE
VARIETY AND FLORIDA NUMBER 1. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY UPON THE
APPROVAL OF THE LANDSCAPE ARCHITECT.

ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS OF GOOD QUALITY AND BE IN A HEALTHY GROWING CONDITION.

AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER.

MULCH SHALL BE SHREDDED CYPRESS MULCH. ALL MULCH IS TO BE APPLIED TO A DEPTH OF 3' EXCEPT FOR THOSE SPECIFIC SITUATIONS SHOWN BELOW IN SECTIONS 2,3 & 4

FERTILIZER IN BACKFILL MIXTURE FOR ALL PLANTS SHALL CONSIST OF MILORGANITE ACTIVATED SLUDGE MIXED WITH THE BACKFILL AT A RATE OF NOT LESS THAN 50 LBS. PER CUBIC YARD.

FERTILIZER FOR TREES AND SHRUBS MAY BE TABLET FORM OR GRANULAR. GRANULAR FERTILIZER SHALL BE UNIFORM IN COMPOSITION, DRY AND FREE-FLOWING. THIS FERTILIZER SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL UNOPENED BAGS, EACH BEARING THE MANUFACTURER'S STATEMENT OF ANALYSIS, AND SHALL MEET THE FOLLOWING REQUIREMENTS: 16% NITROGEN, 7% PHOSPHORUS, 12% POTASSIUM, PLUS IRON. TABLET FERTILIZER (AGRIFORM OR EQUAL) IN 21 GRAM SIZE SHALL MEET THE FOLLOWING REQUIREMENTS: 20% NITROGEN, 10% PHOSPHORUS AND 5% POTASSIUM.

### FERTILIZER WILL BE APPLIED AT THE FOLLOWING RATES:

PLANT SIZE 16-7-12 AGRIFORM TABLETS\* (21 GRAM)

1 GAL. 1/4 LB.
3 GAL. 1/3 LB.
7-15 GAL. 1/2 LB.
1"-6" CALIPER 2 LBS./1" CALIPI

/-15 GAL. 1/2 LB. 6
1"-6" CALIPER 2 LBS./1" CALIPER 2 PER 1" CALIPER
6" AND LARGER 3 LBS./1" CALIPER 2 PER 1" CALIPEI
(\*) TABLETS TO BE INSTALLED IN TOP 6-8"

"FLORIDA EAST COAST PALM SPECIAL" SHALL BE APPLIED TO ALL PALMS AT INSTALLATION AT A RATE OF .5 LB. PER INCH OF TRUNK UNLESS OTHERWISE SPECIFIED.

FIELD GROWN TREES AND PALMS PREVIOUSLY ROOT PRUNED SHALL OBTAIN A ROOT BALL WITH SUFFICIENT ROOTS FOR CONTINUED GROWTH WITHOUT RESULTING SHOCK.

CONTRACTOR SHALL NOT MARK OR SCAR TRUNK IN ANY FASHION.

PLANTS SHALL BE WATERED AS NECESSARY OR WITHIN 24 HOURS AFTER NOTIFICATION BY THE LANDSCAPE ARCHITECT.

THE LOCATIONS OF PLANTS, AS SHOWN IN THESE PLANS, ARE APPROXIMATE. THE FINAL LOCATIONS MAY BE ADJUSTED TO ACCOMMODATE UNFORESEEN FIELD CONDITIONS. MAJOR ADJUSTMENTS TO THE LAYOUT ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT.

ALL PLASTIC FABRIC SHALL BE REMOVED FROM PLANT MATERIAL AT TIME OF INSTALLATION.

ALL TREES MUST BE STAKED AS SHOWN ON THE PLANTING DETAILS WITHIN 24 HOURS OF PLANTING.
STAKES TO REMAIN FOR A MINIMUM OF 9 MONTHS, BUT NO LONGER THAN 18 MONTHS. CONTRACTOR
IS RESPONSIBLE FOR MAINTENANCE AND REMOVAL OF THE STAKES.

ALL TREES MUST BE PRUNED AS PER LANDSCAPE ARCHITECT'S DIRECTION. SABAL PALMS MAY BE HURRICANE CUT.

ALL SHRUBS, TREES AND GROUND COVER WILL HAVE IMPROVED SOIL AS PER PLANTING SOIL NOTES. THE SOILS SHALL BE PLACED IN THE HOLE DURING PLANTING. TOP DRESSING ONLY IS NOT ACCEPTABLE.

DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING. ALL TREES SHALL BE SPIKED IN UTILIZING WATER AND A TREE BAR.

THE LANDSCAPE CONTRACTOR SHALL WATER, MULCH, WEED, PRUNE, AND OTHERWISE MAINTAIN ALL PLANTS, INCLUDING SOD, UNTIL COMPLETION OF CONTRACT OR ACCEPTANCE BY LANDSCAPE ARCHITECT. SETTLED PLANTS SHALL BE RESET TO PROPER GRADE, PLANTING SAUCERS RESTORED, AND DEFECTIVE WORK CORRECTED.

THE LANDSCAPE CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR DEBRIS CAUSED BY HIS CREWS DURING THE PERFORMANCE OF THE WORK. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROMPTLY REMOVE ALL WASTE MATERIALS, DEBRIS, UNUSED PLANT MATERIAL, EMPTY PLANT CONTAINERS AND ALL EQUIPMENT FROM THE PROJECT SITE.

UPON COMPLETION OF THE WORK, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND REQUEST A FINAL INSPECTION. ANY ITEMS THAT ARE JUDGED INCOMPLETE OR UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE SHALL BE PROMPTLY CORRECTED BY THE LANDSCAPE CONTRACTOR.

THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF SIX (6) MONTHS FROM THE DATE OF CONDITIONAL ACCEPTANCE IN WRITING FROM THE LANDSCAPE ARCHITECT. AT THE TIME OF CONDITIONAL ACCEPTANCE, THE SIX (6) MONTH PERIOD SHALL COMMENCE. ANY MATERIALS WHICH HAVE DIED DURING THIS PERIOD SHALL BE PROMPTLY REPLACED WITH SPECIMENS THAT MEET THE MINIMUM REQUIREMENTS CALLED FOR ON THE DRAWINGS. THE LANDSCAPE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR THE DEATH OR DAMAGE RESULTING FROM LIGHTNING, VANDALISM, AND AUTOMOBILES OR FROM NEGLIGENCE BY THE OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AND OTHERWISE MAINTAINING PLANTS UP TO THE CONDITIONAL ACCEPTANCE PERIOD, UNLESS A WRITTEN AGREEMENT WITH THE LANDSCAPE ARCHITECT PROVIDES FOR A DIFFERENT ARRANGEMENT.

ALL LABOR AND MATERIAL FOR SOIL AMENDMENTS AND FERTILIZER THAT IS REQUIRED TO INSURE THE SUCCESSFUL ESTABLISHMENT AND SURVIVAL OF THE PROPOSED VEGETATION, AS WELL AS ALL THE COST FOR THE REMOVAL OF UNSUITABLE OR EXCESS BACKFILL MATERIAL, SHALL BE INCLUDED IN THE CONTRACTOR'S BID TO PERFORM THE WORK REPRESENTED IN THIS PLAN SET.

### 2. PLANTING TREE

EXCAVATE PIT AS PER PLANTING DETAILS. COMPACT LAYER OF TOPSOIL IN PIT WITH A SLIGHTLY DISHED GRADE TO CENTER.

BACKFILL AROUND BALL WITH TOPSOIL AND SLIGHTLY COMPACT, WATER THOROUGHLY AS LAYERS ARE PLACED TO ELIMINATE VOIDS AND AIR POCKETS. BUILD A 6" HIGH BERM OF TOPSOIL BEYOND EDGE OF EXCAVATION. APPLY 3" (AFTER SETTLEMENT) OF MULCH.

PRUNE TREE TO REMOVE DAMAGED BRANCHES, IMPROVE NATURAL SHAPE AND THIN OUT STRUCTURE. DO NOT REMOVE MORE THAN 15% OF BRANCHES. DO NOT PRUNE BACK TERMINAL LEADER.

GUY AND STAKE TREE IN ACCORDANCE WIT THE STAKING DETAILS IMMEDIATELY AFTER PLANTING.

3. PLANTING SHRUBS

LAYOUT SHRUBS TO CREATE A CONTINUOUS SMOOTH FRONT LINE AND FILL IN BEHIND.

EXCAVATE PIT OR TRENCH TO 2 TIMES THE DIAMETER OF THE BALLS OR CONTAINERS OR 1'-0" WIDER THAN THE SPREAD OF ROOTS AND 3" DEEPER THAN REQUIRED FOR POSITIONING AT PROPER HEIGHT. COMPACT A LAYER OF TOPSOIL IN BOTTOM BEFORE PLACING PLANTS. BACKFILL AROUND PLANTS WITH PLANTING MIXTURE, COMPACTED TO ELIMINATE VOIDS AND AIR POCKETS. FORM GRADE SLIGHTLY DISHED AND BERMED AT EDGES OF EXCAVATION. APPLY 3" OF MULCH.

PRUNE SHRUBS TO REMOVE DAMAGED BRANCHES, IMPROVE NATURAL SHAPE AND THIN OUT

PRUNE SHRUBS TO REMOVE DAMAGED BRANCHES, IMPROVE NATURAL SHAPE AND THIN OUT STRUCTURE. DO NOT REMOVE MORE THAN 15% OF BRANCHES.

### 4. PLANTING GROUND COVER LOOSEN SUBGRADE TO DEPTH OF

LOOSEN SUBGRADE TO DEPTH OF 4" IN AREAS WHERE TOPSOIL HAS BEEN STRIPPED AND SPREAD SMOOTH.

SPACE PLANTS AS OTHERWISE INDICATED. DIG HOLES LARGE ENOUGH TO ALLOW SPREADING OF ROOTS. COMPACT BACKFILL TO ELIMINATE VOIDS AND LEAVE GRADE SLIGHTLY DISHED AT EACH PLANT. WATER THOROUGHLY. APPLY 3" OF MULCH OVER ENTIRE PLANTING BED, LIFTING PLANT FOLIAGE ABOVE MULCH. PURPLE QUEEN GROUNDCOVER, IF SPECIFIED, SHALL ONLY RECEIVE 1" OF

DURING PERIODS OF HOT SUN AND/OR WIND AT TIME OF PLANTING, PROVIDE PROTECTIVE COVER FOR SEVERAL DAYS OR AS NEEDED.

SODDING: SOD TYPE SPECIFIED ON PLANT LIST SHALL BE MACHINE STRIPPED NOT MORE THAN 24 HOURS PRIOR TO LAYING.

LOOSEN SUBGRADE TO DEPTH OF 4" AND GRADE WITH TOPSOIL EITHER PROVIDED ON SITE OR IMPORTED TO FINISH DESIGN ELEVATIONS. ROLL PREPARED LAWN SURFACE. WATER THOROUGHLY,

BUT DO NOT CREATE MUDDY SOIL CONDITION.

FERTILIZE SOIL AT THE RATE OF APPROXIMATELY 10 LBS. PER 1,000 S.F. SPREAD FERTILIZER OVER THE AREA TO RECEIVE GRASS BY USING AN APPROVED DISTRIBUTION DEVICE CALIBRATED TO DISTRIBUTE THE APPROPRIATE QUANTITY. DO NOT FERTILIZE WHEN WIND VELOCITY EXCEEDS 15 M.P.H. THOROUGHLY MIX FERTILIZER INTO THE TOP 2" OF TOPSOIL.

LAY SOD STRIPS WITH TIGHT JOINTS, DO NOT OVERLAP, STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES. WORK SIFTED SOIL MIX INTO MINOR CRACKS BETWEEN PIECES OF SOD AND REMOVE EXCESS SOIL DEPOSITS FROM SODDED AREAS. SOD ON SLOPES GREATER THAN 3:1 SHALL BE STAKED IN PLACE. ROLL OR STAMP LIGHTLY AND WATER THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING.

### 6. MISCELLANEOUS LANDSCAPE WORK

### LANDSCAPE MAINTENANCE

MAINTAIN LANDSCAPE WORK UNTIL FINAL ACCEPTANCE IS ISSUED BY THE OWNER'S REPRESENTATIVE. INCLUDE WATERING, WEEDING, CULTIVATING, RESTORATION OF GRADE, MOWING AND TRIMMING GRASS, PRUNING TREES AND SHRUBS, PROTECTION FROM INSECTS AND DISEASES, FERTILIZING AND SIMILAR OPERATIONS AS NEEDED TO INSURE NORMAL GROWTH AND GOOD HEALTH FOR LIVE PLANT

### PLANT MATERIAL SUBSTITUTION

NO SUBSTITUTION OF PLANT MATERIAL, TYPE OR SIZES WILL BE PERMITTED WITHOUT AUTHORIZATION FROM THE LANDSCAPE ARCHITECT.

### PLANTING BED PREPARATION

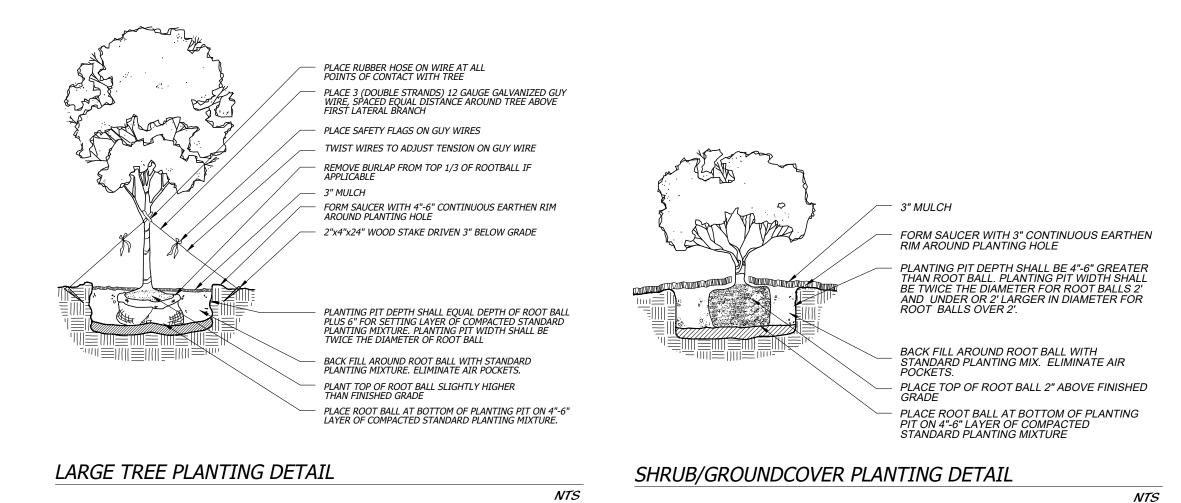
ALL PLANTING BEDS SHALL BE PROPERLY PREPARED PRIOR TO THE COMMENCEMENT OF ANY PLANTING. PLANTING AREAS, INCLUDING LAWNS SHALL BE FREE OF ALL WEEDS AND NUISANCE VEGETATION. IF TORPEDO GRASS (PANICUM REPENS) IS PRESENT OR ENCOUNTERED DURING PLANTING, THE LANDSCAPE CONTRACTOR SHALL STOP ALL PLANTING UNTIL IT CAN BE DEMONSTRATED THAT IT HAS BEEN COMPLETELY REMOVED OR ERADICATED. THERE SHALL BE NO EXCEPTIONS TO THIS PROVISION.

ALL LANDSCAPE ISLANDS AND BEDS WILL BE FREE OF SHELL ROCK AND CONSTRUCTION DEBRIS AND WILL BE EXCAVATED TO A DEPTH OF 30 INCHES OR TO CLEAN, NATIVE SOIL AND FILLED WITH THE SPECIFIED BACKFILL MIXTURE.

### PLANTING SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE		REMARKS
BNS	2	BISMARCKIA NOBILIS 'SILVER'	SILVER BISMARCK PALM	65 GAL.	N.A.	<u>5` C.</u> T.			
BGS	2	BOUGAINVILLEA `ORANGE KING` ~	ORANGE KING BOUGAINVILLEA	25 gal	2"Cal	6` O.A., STANDARD	N		SINGLE, STRAIGHT TRUNK. FULL CANOPY, SYMMETRICAL. STANDARD TREE FORM.
BUC	36	BUCIDA BUCERAS 'SHADY LADY'	SHADY LADY TREE	45 gal	2.5"Cal	12` O.A.			STIMINETRICAL STANDARD TREET ORWI.
CLDS	9	CLUSIA ROSA ~	CLUSIA TREE	30 GAL	2" Cal	8`-10` HT X 4-5` SPRD	Υ		SINGLE STRAIGHT TRUNK. FULL CANOPY.
CON CEB	13 34	COCOS NUCIFERA CONOCARPUS ERECTUS	COCONUT PALM GREEN BUTTONWOOD TREE	25 GAL. 30 GAL	2"Cal	5` C.T. 8`-10` HT., 6`-8` SPD.	Υ		FULL CANOPY. SINGLE STRAIGHT TRUNK.
CES	18	CONOCARPUS ERECTUS `SERICEUS` ~	SILVER BUTTONWOOD TREE	30 GAL	2"Cal	8`-10` HT., 6`-8` SPD.	Ϋ́		FULL CANOPY. SINGLE STRAIGHT TRUNK.
DR	1	DELONIX REGIA	ROYAL POINCIANA	45 gal	2.5"Cal	12`-14` HT, 6`-8` SPRD			SINGLE STRAIGHT TRUNK. FULL CANOPY.
ED	63	ELAEOCARPUS DECIPIENS	JAPANESE BLUEBERRY TREE	30 GAL	3" CAL	8` OA	N		FLORIDA FANCY. FULL & THICK CANOPY, SHEARED CONICAL
LD	00	ELALOGANI OS DEGII ILNO	JAI ANEOL BEOLDERICT TREE	JU GAL	J OAL	0 04	IN		SHAPE. FLORIDA FANCY. SINGLE STRAIGHT
									TRUNK. 4' CT.
EF LJ	39 133	EUGENIA FOETIDA ~ LIGUSTRUM JAPONICUM	SPANISH STOPPER JAPANESE PRIVET	30 gal 45 GAL	N.A. 2" CAL	6`-8` O.A. 8`-10` HT. 6`-8` SPD	Y N		FULL & THICK. FULL CANOPY, MULTI TRUNK, LIMB UP 3`
PO	6	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	FIELD GROWN	3"Cal	12`-14` HT, 4`-6` SPRD	Y		FULL CANOPY.
PEA	137	PTYCHOSPERMA ELEGANS	ALEXANDER PALM	25 GAL.		6`-8` CT			
QV2 QV*	10 156	QUERCUS VIRGINIANA QUERCUS VIRGINIANA	LIVE OAK SPECIMEN LIVE OAK	200 GAL OR FG 65 GAL.	6"-8" CAL 3" CAL	16`-18` HT, 10`-12` SPD 12` OA	Y Y		FULL CANOPY, SPECIMEN FLORIDA #1, DOUBLE DUG ROOT BALL
TIB	27	TIBOUCHINA GRANULOSA ~	PURPLE GLORY TREE	30 GAL.	N.A.	6-8` OA	N		FULL CANOPY, SYMETRICAL, MULTI-TRUNK
PALM TREES CH	QTY 2	BOTANICAL NAME CHAMAEROPS HUMILIS ~	COMMON NAME EUROPEAN FAN PALM	CONT 25 gal	CAL N.A.	<u>SIZE</u> 4`-5` O.A.	NATIVE N		REMARKS MULTI TRUNK, FULL CANOPY.
HL	15	HYOPHORBE LAGENICAULIS	BOTTLE PALM	25 gal	N.A.	4 -3 O.A. 6` O.A.	N		SINGLE TRUNK, FULL CANOPT. SINGLE TRUNK, FLORIDA FANCY.
PHM	22	PHOENIX DACTYLIFERA `MEDJOOL` ~	MEDJOOL DATE PALM	FIELD GROWN	N.A.	14` CT	N		STRAIGHT TRUNK, FULL CANOPY, DIAMOND
PR3	15	DUOENILY DODELENIII	DVCMV DATE DALM	051	NI A	E' O A E' CDDD	N		CUT.
PHS	15 5	PHOENIX ROBELENII ~ PHOENIX SYLVESTRIS ~	PYGMY DATE PALM SYLVESTER DATE PALM	25 gal FIELD GROWN	N.A. NA	5` O.A., 5` SPRD 10` CT	N N		MULTI-TRUNK, FULL CANOPY, 3 TRUNK MIN. STRAIGHT TRUNK, FULL CANOPY, MATCHED,
									DIAMOND CUT.
RE* SS	66 41	ROYSTONEA ELEGATA	ROYAL PALM	NA NA	NA NA	14` GW 18`, 24`, 30` OA, STGG.	Y Y		FULL CANOPY, MATCHED STRONG, UNIQUE CURVES, GREYWOOD
AD2	15	SABAL PALMETTO ~ VEITCHIA MERRILLII ~	CURVED CABBAGE PALM CHRISTMAS PALM	30 gal	N.A.	10` O.A.	Y N		FULL CANOPY, DOUBLE TRUNK.
AD3	20	VEITCHIA MERRILLII ~	TRIPLE CHRISTMAS PALM	30 gal	N.A.	10` O.A.	N		FULL CANOPY, TRIPLE TRUNK.
VM1*	10	VEITCHIA MONTGOMERYANA ~	MONTGOMERY PALM	30 GAL.	N.A.	12` O.A.	N		SINGLE TRUNK, FULL CANOPY
VM1 VM2	14 5	VEITCHIA MONTGOMERYANA ~ VEITCHIA MONTGOMERYANA ~	MONTGOMERY PALM MONTGOMERY PALM	30 GAL. 65 gal	N.A. N.A.	8` OA 18` O.A.	N N		SINGLE TRUNK, FULL CANOPY DOUBLE TRUNK, FULL CANOPY.
VM3	14	VEITCHIA MONTGOMERYANA ~	MONTGOMERY PALM	65 gal	N.A.	18` O.A.	N		TRIPLE TRUNK, FULL CANOPY
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACE	NATIVE		REMARKS
AA	2	AGAVE AMERICANA 'GAINESVILLE BLUE'	BLUE CENTURY PLANT	<u>CONT</u> 15 gal	30" x 30"	A.S.	NATIVE N		FULL & THICK
CI2	1,618	CHRYSOBALANUS ICACO 'RED TIP'	REDTIP COCO PLUM	7 GAL	2.5` X 2.5`	2.5` OC	Υ		FULL & THICK
CLD	1,804	CLUSIA GUTTIFERA	SMALL-LEAF CLUSIA	15 GAL	5`-6` O.A	3`-4` O.C.	N N		FULL & THICK, FLORIDA FANCY
CM4 CV9	33 3	CODIAEUM VAR. `ICETONE` CODIAEUM VAR. `DREADLOCK`	ICETONE CROTON DREADLOCK CROTON	3 gal 3 gal	2` x 2` 4` HT., 2` SPRD	2.5` O.C. 2.5` O.C.	N N		FULL & THICK FULL & THICK
CV11	37	CODIAEUM VAR. 'PIECRUST'	PIECRUST CROTON	3 gal	2` X 2`	2.5` O.C.	N		FULL & THICK
PM PP	1,653 138	PODOCARPUS MACROPHYLLUS PODOCARPUS `PRINGLES`	PODOCARPUS PODOCARPUS	7 gal.	2.5` X 2.5` 2` X 2`	2.5` OC 2` O.C.	N N		FULL & THICK FULL & THICK
VS7	1.567	VIBURNUM ODORATISSIMUM	SWEET VIBURNUM	3 gal 7 gal.	2 X 2 2.5` X 2.5`	2.5` OC	IN		FULL
	,			ū					
GROUND COVERS ACI	<u>QTY</u> 228	BOTANICAL NAME ACALYPHA WILKENSIANA `INFERNO`	COMMON NAME INFERNO COPPERLEAF	<u>CONT</u> 7 GAL	<u>SIZE</u> 3X3	SPACE 3` O.C.	<u>NATIVE</u>	SPACING 36" o.c.	REMARKS FULL & THICK
BEG	281	BEGONIA ODORATA `ALBA`	WHITE ANGEL WING BEGONIA	3 GAL	2` x 2`	2` O.C.		24" o.c.	FULL & THICK
BGR	40	BEGONIA 'RED DRAGON'	RED DRAGON BEGONIA	3 GAL	2` X 2`	2` O.C.		24" o.c.	FULL & THICK
CME CIG2	108 70	CARIISA MACROCARPA `EMERALD BLANKET` CHRYSOBALANUS ICACO	EMERALD BLANKET NATAL PLUM GREEN COCOPLUM	3 GAL 5 GAL	1.5` x 1.5` 3X3	24" O.C. 3` O.A.	Υ	24" o.c. 36" o.c.	FULL & THICK FULL & THICK
CI	513	CHRYSOBALANUS ICACO 'RED TIP'	RED TIPPED COCOPLUM	5 GAL	3X3	3` O.A.	Ϋ́	36" o.c.	FULL & THICK
CLN	757	CLUSIA GUTTIFERA `NANA`	DWARF CLUSIA	3 GAL	1.5` x 1.5`	1.5` OC	N	18" o.c.	FULL & THICK, FLORIDA FANCY
CE3 FG	23 1.755	CONOCARPUS ERECTUS `SILVER` FICUS MACROPHYLLA `GREEN ISLAND`	SILVER BUTTONWOOD GREEN ISLAND FICUS	5 GAL 3 GAL	3X3 18" X 18"	3` O.C. 24" O.C.	Y Y	36" o.c. 24" o.c.	FULL & THICK FULL & THICK, FLORIDA FANCY
HN	54	HAMELIA PATENS 'NANA'	DWARF FIREBUSH	5 GAL	3` HT X 2` SPD	2.5` OC	Ϋ́	30" o.c.	FULL & THICK, PLONIDA PAINCT
IXY	933	IXORA `MAUI YELLOW	MAUI YELLOW IXORA	3 GAL	24" X 24"	30" O.C.		30" o.c.	THICK AND FULL
IX JAS	1,404 477	IXORA `NORA GRANT` JASMINUM VOLUBILE	PINK IXORA WAX JASMINE	3 GAL 3 GAL	24" X 24" 1.5` x 1.5`	24" O.C. 1.5` OC	N	24" o.c. 18" o.c.	FULL & THICK FULL & THICK
LM	635	LIRIOPE MUSCARI 'EVERGREEN GIANT'	GIANT GREEN LIRIOPE	3 gal.	1.5 X 1.5 18" X 18"	1.5 OC 18" O.C.	N	18" o.c.	FULL AND THICK
MYR	1,081	MYRCIANTHES FRAGRANS 'COMPACTA'	COMPACT SIMPSONS STOPPER	5 GAL	2` x 2`	2` O.C.		24" o.c.	FULL & THICK
PEN PY	553 3.435	PENTAS LANCEOLATA 'BUTTERFLY DEEP PINK'	BUTTERFLY DEEP PINK STAR CLUSTER XANADU PHILODENDRON	3 GAL	18" X 18"	18" O.C.		18" o.c.	FULL & THICK
PX PTV	3,435 1,166	PHILODENDRON X XANADU PITTOSPORUM TOBIRA DWARF VARIEGATA	DWARF VARIGATED PITTOSPORUM	5 GAL 5 GAL	2` x 2` 2` x 2`	2` O.C. 2` O.C.		24" o.c. 24" o.c.	FULL & THICK FULL & THICK
PD2	1,846	PODOCARPUS MACR. 'PRINGLES'	DWARF PODOCARPUS	3 GAL	18" X18"	24" O.C.		24" o.c.	FULL & THICK
RDK sc	58 133	ROSA `KNOCKOUT`	RED KNOCKOUT ROSE	3 GAL	2` HT., 2` SPD., 2` OC.	2` O.C. 1.5` OC	N Y	24" o.c.	FULL & THICK, UNIFORM GROWTH
SC SAV	132 1,094	SALVIA COCCINEA SCHEFFLERA ARBORICOLA `GOLD CAPELLA`	SCARLET SAGE DWARF VARIEGATED SCHEFFLERA	3 gal 5 GAL	1.5` x 1.5` 3X3	1.5` OC 3` O.C.	Y N	18" o.c. 36" o.c.	FULL & THICK FULL & THICK
SER	38	SERENOA REPENS SILVER	SAW PALMETTO	5 GAL	3X3	3` O.C.	Υ	36" o.c.	FULL & THICK
JM TE*	59	TRACHELOSPERMUM ASIATICUM	MINIMA JASMINE	TRAY	12" X 18" X 3" HT.	1` O.C.	N	24" o.c.	GROWN OUT LIKE SOD
TF* VIB	1,829 573	TRIPSACUM FLORIDANA VIBURNUM OBOVATUM 'WHORLED CLASS'	DWARF FAKAHATCHEE GRASS DWARF WALTER'S VIBURNUM	3 GAL 5 GAL	2` x 2` 3X3	2` OC 3` O.C.	Y Y	24" o.c. 36" o.c.	FULL & THICK FULL & THICK
ZAM	1,143	ZAMIA FLORIDIANA	COONTIE	3 gal	18" X18"	18" OC	Ϋ́	18" o.c.	FULL & THICK

### PLANTING DETAILS



PRUNE & TIE FRONDS TOGETHER WITH DEGRADABLE TWINE (MINIMUM 6-8 FRONDS) SABAL PALMS TO BE BOOTED WHEN 16' C.T. OR LESS (UNLESS OTHERWISE NOTED) 5 - 2"x4"x18" WOOD BATTENS. DO NOT NAIL BATTENS TO PALM. HEIGHT OF BATTENS SHALI BE LOCATED IN RELATION TO THE HEIGHT OF THE PALM FOR ADEQUATE BRACING MINIMUM 3 - 2"x4" WOOD BRACES SHALL BE TOE NAILED TO WOOD BATTENS FORM SAUCER WITH 4"-6" CONTINUOUS EARTHEN RIM AROUND PLANTING HOLE 2"x4"x24" WOOD STAKE REMAINING 3" ABOVE GRADE BACK FILL AROUND ROOT BALL WITH STANDARD PLANTING MIXTURE. ELIMINATE AIR POCKETS. PLANT ROOT BALL OF SABAL PALMS 2"-3" BELOW FINISHED GRADE IZE OF ROOT BALL WILL BE IN PROPORTION TO SIZE AND TYPE OF PALM IN RELATION TO SOUND NURSERY PRACTICE FINISHED GRADE PLACE ROOT BALL AT BOTTOM OF PLANTING PIT ON 4"-6" LAYER OF COMPACTED STANDARD PLANTING MIXTURE. PALM PLANTING DETAIL

TOP OF ROOT BARRIER TO BE INSTALL 1/4" BELOW TOP OF CURB/SIDEWALK.

CURB OR SIDEWALK

20 LF OF 19.5 INCH DEEP "BIO BARRIER" ROOT BARRIER INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. ROOT BARRIER TO BE INSTALLED FLUSH WITH CURB OR SIDEWALK.

ROOT BARRIER DETAIL

ROOT BARRIER

20 LF OF 19-24 INCH DEEP "DEEP ROOT"
ROOT BARRIER INSTALLED IN ACCORDANCE
WITH MANUFACTURER'S INSTRUCTIONS.
ROOT BARRIER TO BE INSTALLED FLUSH
WITH CURB OR SIDEWALK.

CURB

CURB

NTS

NTS

THE CITY OF PSL WILL ALLOW STREET TREES WITHOUT ROOT BARRIERS AS LONG AS THEY ARE A MINIMUM OF 4 FEET FROM THE EDGE OF BOTH THE SIDEWALK AND CURB. THIS MEANS THE TREE LAWN MUST BE NO LESS THAN 8'.

ROOT BARRIER SHALL BE USED WHEN A STREET TREE IS LESS THAN 4' FROM THE EDGE OF A SIDEWALK AND/OR LESS THAN 4' FROM THE EDGE OF A CURB. (MEASUREMENT IS FROM OUTSIDE TO OUTSIDE)

ROOT BARRIER DETAIL

# LANDSCAPE NOTES

ALL LANDSCAPING AND SITE IMPROVEMENTS SHALL CONFORM TO ALL APPLICABLE PROVISIONS OF THE CITY OF PORT ST. LUCIE'S CHAPTER 153, LANDSCAPE AND LAND CLEARING CODE, CURRENT ADDITION AND ANY OTHER APPLICABLE CITY REGULATIONS.

THE LANDSCAPE CONTRACTOR SHALL NOT MAKE ANY SUBSTITUTIONS OR CHANGES WITHOUT THE AUTHORIZATION OF THE OWNER AND THE LANDSCAPE ARCHITECT.

THE LANDSCAPE CONTRACTOR SHALL REVIEW THE PROJECT DRAINAGE PLANS AND VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION AND AVOID ALL CONFLICTS.

THE LANDSCAPE CONTRACTOR BE RESPONSIBLE FOR ALL PERMITS RELATING TO HIS/HER WORK.

ALL LANDSCAPE PLANTED IN THE RIGHT-OF-WAY AND ON PRIVATE PROPERTY SHALL BE LOCATED SO THAT NO CONFLICT OCCURS WITH VEHICULAR SIGHT DISTANCES AT INTERSECTIONS AND AT DESIGNATED PEDESTRIAN CROSSWALKS.

NO FENCE, WALL, HEDGE, OR SHRUB PLANTING WHICH OBSTRUCTS SIGHT LINES AND ELEVATIONS BETWEEN TWO (2) AND SIX (6) FEET ABOVE THE CROWN OF THE ROAD SHALL BE PLACED OR PERMITTED TO REMAIN ON ANY CORNER LOT IN ANY ZONING DISTRICT WITHIN THE TRIANGULAR AREA FORMED BY THE STREET PROPERTY LINES AND A LINE CONNECTING THEM AT POINTS TWENTY-FIVE (25) FEET FROM THE INTERSECTION OF THE STREET LINES, OR IN THE CASE OF A ROUNDED PROPERTY CORNER FROM THE INTERSECTION OF THE STREET PROPERTY LINES EXTENDED. THE SAME SIGHT LINE LIMITATIONS SHALL APPLY ON ANY LOT WITHIN TEN (10) FEET FROM THE EDGE OF A DRIVEWAY OR ALLEY. NO TREE SHALL BE PERMITTED TO REMAIN WITHIN THE ABOVE DESCRIBED LIMITS OF INTERSECTIONS UNLESS THE FOLIAGE LINE IS MAINTAINED AT OR ABOVE SIX (6) FEET ABOVE THE ROADWAY INTERSECTION ELEVATION TO PREVENT OBSTRUCTION

ALL LANDSCAPING SHALL BE LOCATED IN THE RIGHT-OF-WAY AND OR ON PRIVATE PROPERTY SO THAT NO CONFLICT OCCURS WITH DESIGNATED CITY DRAINAGE AND / OR UTILITY EASEMENTS, OVERHEAD AND UNDERGROUND UTILITY LINES AND OR UTILITY STRUCTURES. NO TREE ARE ALLOWED IN UTILITY EASEMENTS OR CLOSER THAN TEN FEET TO ANY CITY UTILITY LINES.

TREES AT ENTRANCEWAYS SHALL BE LIMBED UP TO MAXIMIZE SITE DISTANCE. CLEAR VISIBILITY SHALL BE MAINTAINED BETWEEN 24" AND 8'. TREES SHALL BE POSITIONED TO AVOID CONFLICTS WITH SITE LIGHTING.

ETWEEN 24" AND 8'. TREES SHALL BE POSITIONED TO AVOID CONFLICTS WITH SITE LIGHTING.

LANTING ISLANDS WITHIN AND ADJACENT TO PARKING AREAS SHALL BE FREE OF LIME ROCK AND OTHER FOREIGN

LANTING ISLANDS WITHIN AND ADJACENT TO PARKING AREAS SHALL BE FREE OF LIME ROCK AND OTHER FOREIGN

LANTING SOIL MYSTURE SHOULD BE USED TO BEDIAGE

THE SURFACE OF ALL AREAS TO RECEIVE LANDSCAPING WILL BE FINELY GRADED AND SET SO DIPS AND DEPRESSIONS ARE REMOVED AND POSITIVE DRAINAGE IS ACHIEVED. THE FINISHED GRADE OF SOD AND MULCH AREAS SHALL BE SET SO THAT MULCH WASHOUTS DO NOT OCCUR AND THERE IS A SMOOTH TRANSITION FROM PAVED SURFACES TO ADJACENT

ALL TREES, SHRUBS AND GROUNDCOVER BEDS ARE REQUIRED TO BE MULCHED WITH A 3" MIN. THICK LAYER OF MULCH. TREES LOCATED IN TURE AREAS ARE REQUIRED TO HAVE A 3" THICK MULCHED WATERING RING PROVIDED AROUND THE TRUNK. THE TREE RING IS REQUIRED TO BE A MINIMUM DIAMETER OF 3' AROUND SMALL TREES AND 5' AROUND LARGE TREES, TO FACILITATE MOWING. MULCH SHALL BE KEPT THREE FEET AWAY FROM THE TRUNK.

ALL TREE STAKING MATERIALS SHALL BE LOCATED WITHIN MULCH BEDS AND OR RINGS.

ALL AREAS SHALL BE FULLY IRRIGATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF PORT ST. LUCIE. IRRIGATION SHOP DRAWINGS SHALL BE SUBMITTED TO THE OWNER AND LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO CONSTRUCTION. THE IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 100% OVERLAP COVERAGE TO ALL

THE IRRIGATION WATER SOURCE SHALL BE WELL WATER OR SUCTION FROM AN ONSITE STORMWATER MANAGEMENT AREA. THE IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN SENSOR/CUT OFF SWITCH IN ACCORDANCE WITH STATE AND LOCAL REOUIREMENTS.

ALL ABOVE GROUND UTILITIES I.E. TRANSFORMERS, SWITCH BOXES, AIR CONDITIONER CONDENSERS, SHALL BE FULLY SCREENED FROM VIEW ON THREE SIDES WITH LANDSCAPING WHICH MUST EXTEND ONE FOOT HIGHER THAN THE TALLEST POINT OF SAID EQUIPMENT AT TIME OF PLANTING.

NO LANDSCAPING SHALL BE LOCATED WITHIN 10' OF A CITY LINE OR APPURTENANCE. ALL OTHER UTILITIES SHALL BE A MINIMUM OF 5' HORIZONTAL SEPARATION FROM CITY UTILITY MAINS FOR PARALLEL INSTALLATIONS AND A MINIMUM OF 18" BELOW CITY UTILITY MAINS. (ALL MEASUREMENTS ARE TAKEN FROM OUTSIDE TO OUTSIDE)

NO LANDSCAPING SHALL BE PLACED IN A MANNER THAT WOULD CREATE CONFLICTS WITH THE INTENDED OPERATION AND MAINTENANCE OF ANY EXISTING UTILITY.

ST. AUGUSTINE SOD WILL BE UTILIZED FOR ALL TURF AREAS, EXCEPT AS NOTED. BAHIA SOD WILL BE UTILIZED IN DRY

ST. AUGUSTINE SOD WILL BE UTILIZED FOR ALL TURF AREAS, EXCEPT AS NOTED. BAHIA SOD WILL BE UTILIZED IN DRY RETENTION AREAS AND IN AREAS OF EXISTING TREES TO REMAIN.

ALL TREES PLANTED UNDER OR ADJACENT TO FP&L POWERLINES WILL COMPLY WITH THE FP&L "RIGHT TREE, RIGHT PLACE" GUIDELINES.

1. NO TREE OR OTHER INTRUSIVE ROOT PLANTINGS SHALL BE LOCATED WITHIN 10' OF A CITY UTILITY MAIN. ALL OTHER UTILITIES SHALL BE A MINIMUM OF 5' HORIZONTAL SEPARATION FROM CITY UTILITY MAINS FOR PARALLEL INSTALLATIONS AND A MINIMUM OF 18" BELOW CITY UTILITY MAINS (ALL MEASUREMENTS ARE FROM OUTSIDE TO OUTSIDE).

NO LANDSCAPING SHALL BE PLACED IN A MANNER THAT WOULD CREATE CONFLICTS WITH THE INTENDED OPERATION AND MAINTENANCE OF ANY EXISTING OR PROPOSED WATER/WASTERWATER UTILITY LINES.
 ALL LANDSCAPE MATERIAL TO BE FL NO. 1.

4. ALL LANDSCAPING MEETS FDOT CLEAR ZONE AND SIGHT DISTANCE CRITERIA.

5. NO LANDSCAPING SHALL BE PLANTED IN SUCH A MANNER AS TO ADVERSELY AFFECT UTILITY INSTALLATION, OPERATION AND MAINTENANCE.

6. BERMS AND STRUCTURAL LANDSCAPE FEATURES SUCH AS ROCK, FOUNDATIONS, SCULPTURE, DECORATIVE WALL AND TREE WELLS AND GENERALLY NOT ALLOWED IN PSLUSD EASEMENTS, BUT MAY BE REVIEWED ON A CASE BY CASE BASIS.
7. ALL MEASUREMENTS ARE FROM OUTSIDE TO OUSIDE, NOT CENTERLINE TO CENTERLINE. EXAMPLE: OUTSIDE OF PIPE TO NEAREST POINT ON TREE TRUNK.

8. TREES SHALL NOT BE PLANTED WITHIN 10 FEET OF ANY PSLUSD MAINS OR APPURTENANCES.

9. NO LANDSCAPING OTHER THAN SOD GRASSES MAY BE PLANTED WITHIN A 5' RADIUS MAINTENANCE AREA OF ANY PSLSUD APPURTENANCE SUCH AS WATER METERS, BACKFLOW DEVICES, FIRE HYDRANTS, SANITARY SEWER CLEANOUTS, AND MANHOLES, AIR RELEASE VALVES, ETC.

10. ALL LANDSCAPING WITHIN PORT ST. LUCIE UTILITY SYSTEMS DEPARTMENT (PSLUSD) UTILITY EASEMENTS SHALL COMPLY WITH PSLUSD TECHNICAL SPECIFICATIONS, POLICIES, AND CODES. TREES SHALL NOT BE PLANTED WITHIN TEN (10) FEET OF ANY PSLUSD UNDERGROUND INFRASTRUCTURE.

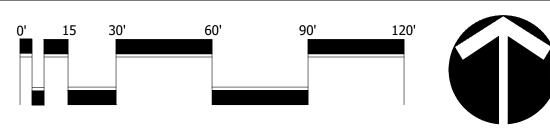
LANDSCAPE IRRIGATION NOTES:
A. ALL AREAS TO RECEIVE 100% IRRIGATION COVERAGE
B. ALL ZONES TO BE AUTOMATICALLY CONTROLLED
C. CLOCKS TO HAVE AUTOMATIC "RAIN SENSORS"

D. WATER SOURCE MAY BE POTABLE OR WELL AND SHALL BE DETERMINED AT TIME OF BUILDING PERMIT APPLICATION.

E. THE IRRIGATION SYSTEM WILL BE DESIGNED TO ACCEPT RECLAIMED WASTEWATER ONCE IT BECOMES AVAILABLE TO THE PROPERTY

NO LIGHT POLE OR ASSOCIATED CONDUIT SHALL BE LOCATED WITHIN 5' OF A PSLUSD FACILITY.

# 11-652-36C P21-053 LANDSCAPE DETAILS



Scale: 1'' = 30'-0''

North



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not to be used for extensions or on other projects except by agreement in writing with the architect. Immediately

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report any discrepancies to the architect.

DESIGNED.

APPROVED.

REVISIONS.

SHEET

JOB NUMBER

DRAWN.