

PHASE III

 **INVESTIGATE
BEFORE YOU
EXCAVATE**
"CALL SUNSHINE STATE ONE"
1-800-432-4770
TOLL FREE
FL. STATUTE 553.851 (1979) REQUIRES
MIN. OF 2 DAYS AND MAX. OF 3 DAYS
NOTICE BEFORE YOU EXCAVATE.

LANDSCAPE DEVELOPMENT PLANS FOR:

JOAN M. DURANTE PARK

THE TOWN OF LONGBOAT KEY, FLORIDA

SCHEDULE OF DRAWINGS:

LANDSCAPE

- L-1 GRADING PLAN
- L-2 LANDSCAPE PLAN
- L-3 LANDSCAPE DETAILS

IRRIGATION

- IR-1 IRRIGATION PLAN
- IR-2 IRRIGATION DETAIL SHEET

APRIL 24, 1996

PREPARED BY:

dwja

LANDSCAPE ARCHITECTS

DAVID W. JOHNSTON ASSOCIATES

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MADDOX AND ASSOCIATES ARCHITECTS

1266 FIRST STREET, SUITE 9 • SARASOTA, FL 34236 • (941) 955-7358

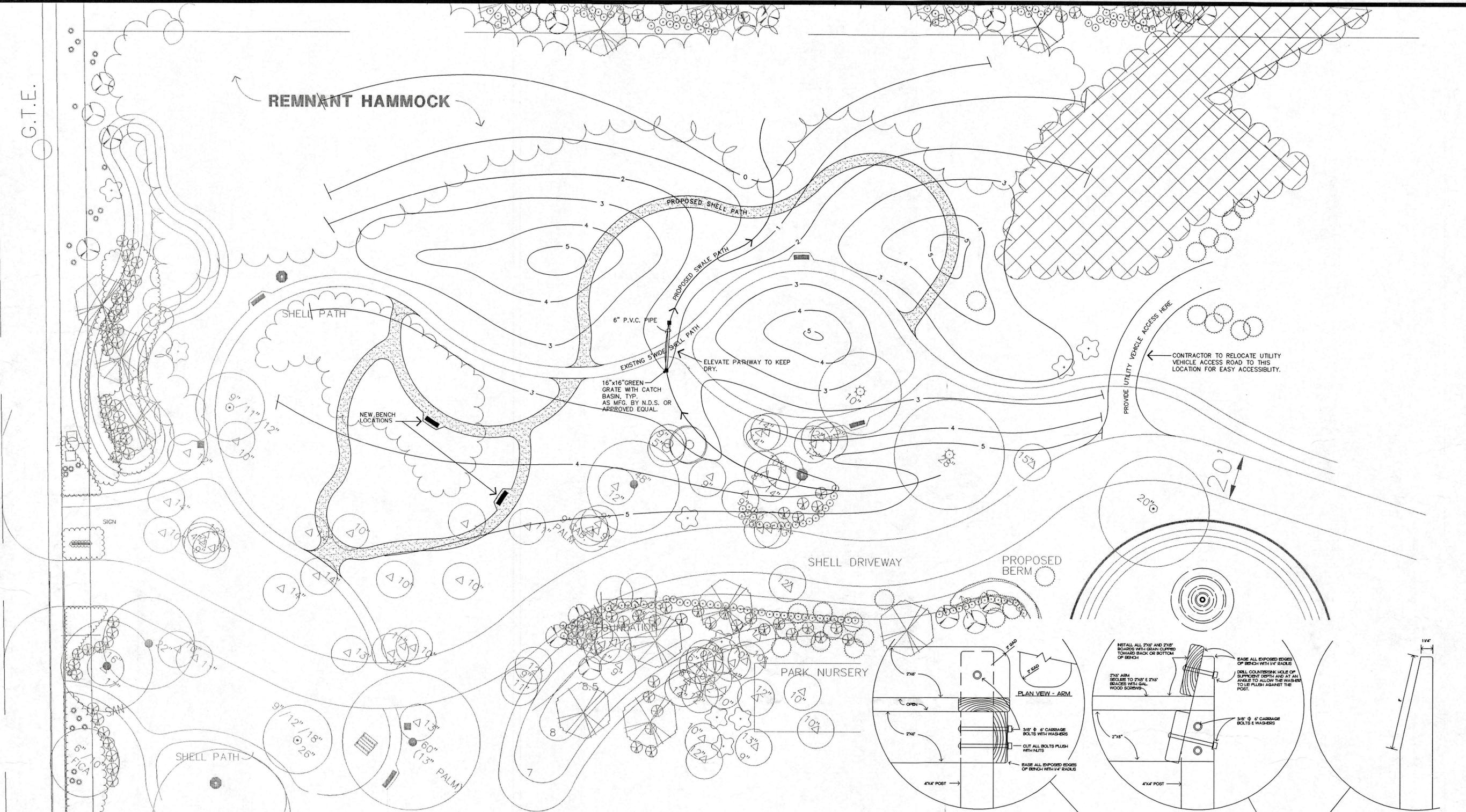
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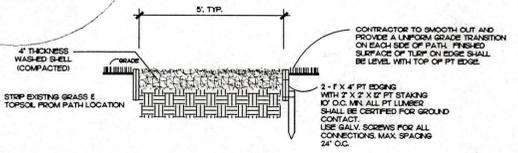
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G.T.E.

REMNANT HAMMOCK



5' SHELL PATH WITH WOOD EDGE
NOT TO SCALE



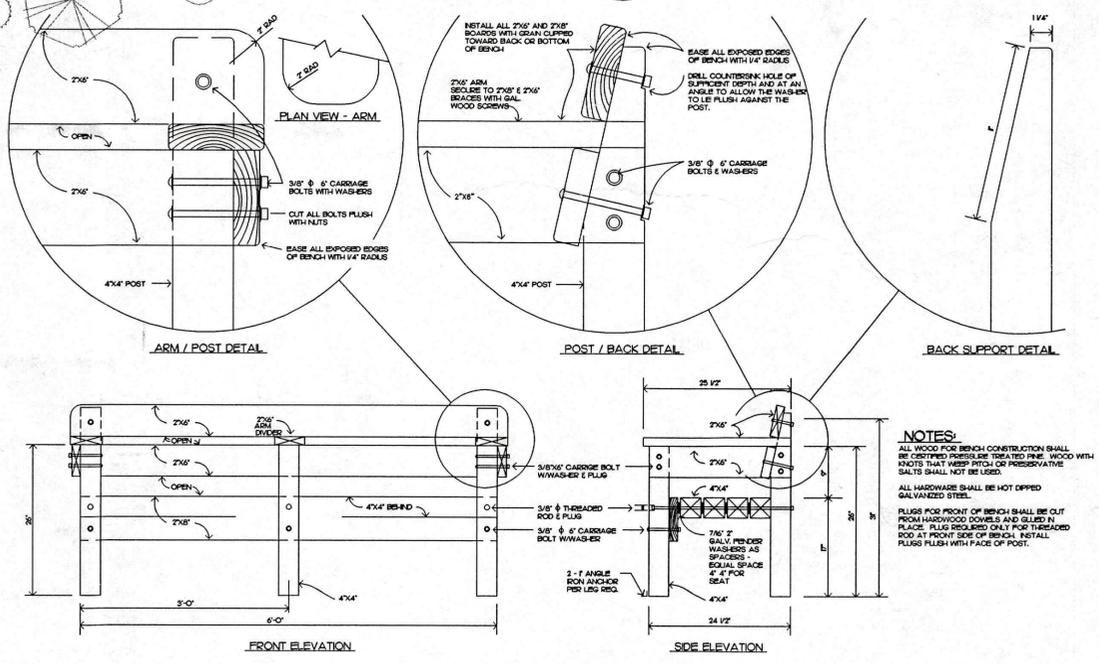
GENERAL NOTES:

CONTRACTOR SHALL CLEAR AND GRUB SITE AND PRUNE EXISTING TREES TO ENHANCE THE NATURAL CHARACTERISTICS.

PATHWAY AREAS ARE SHOWN FOR APPROXIMATE LOCATIONS ONLY. CONTRACTOR SHALL FIELD LOCATE PROPOSED PATHWAYS. ARCS SHALL BE CONNECTED ON TANGENTS ONLY. SMOOTH ARCS AND CONNECTIONS WILL ONLY BE ACCEPTED. LANDSCAPE ARCHITECT SHALL FIELD VERIFY PATH LOCATIONS PRIOR TO STAKING AND ONCE AGAIN PRIOR TO PLACEMENT OF EDGING.

CONTRACTOR SHALL GRADE SITE ACCORDING TO THE PLAN AND SPECIFICATIONS. PLAN SHALL BE FIELD ADJUSTED AS NEEDED. LANDSCAPE ARCHITECT SHALL FIELD REVIEW GRADING OPERATIONS PRIOR TO PLANTING.

CATCH BASINS AND FIELD DRAINS SHALL BE LOCATED AS SHOWN. BASINS SHALL BE CONNECTED WITH A 6" PVC PIPE. FIELD DRAINS SHALL BE LOCATED AT A MINIMUM 5' FROM EDGE OF PATH.



BENCH DETAILS
NOT TO SCALE

NOTES:

ALL WOOD FOR BENCH CONSTRUCTION SHALL BE CERTIFIED PRESSURE TREATED PINE WOOD WITH KNOTS THAT MEET PITCH OR PRESERVATIVE SALS SHALL NOT BE USED.

ALL HARDWARE SHALL BE HOT DIPPED GALVANIZED STEEL.

PLUGS FOR PROTECT OF BENCH SHALL BE CUT FROM HARDWOOD DIMENSIONED AND SIZED IN PLACE. PLUGS REQUIRED ONLY FOR THREADED ROD AT FRONT EDGE OF BENCH. INSTALL PLUGS FLUSH WITH FACE OF POST.

dwja LANDSCAPE ARCHITECTS
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PROJECT NO.	95-57
SCALE	1"=20'-0"
DATE	4/24/95
DRAWN BY	MEB
ISSUED	4/24/95

LANDSCAPE DEVELOPMENT PLANS FOR
DURANTE PARK PHASE III
 LONGBOAT KEY, FLORIDA

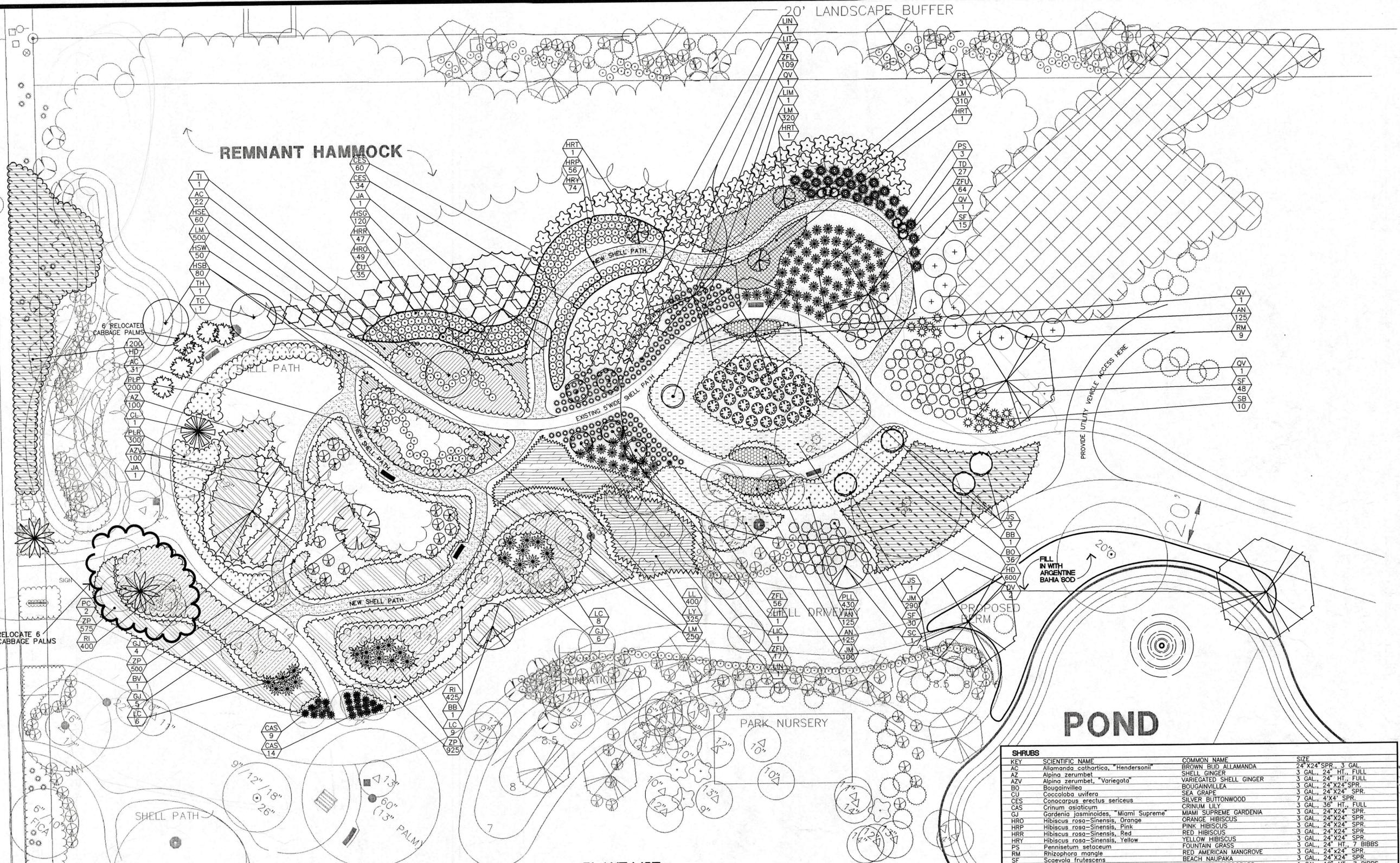
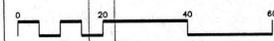
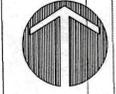
SHEET NO.
L-1

GRADING PLAN

REVIEW SET

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LOCATION SIGN BY TOWN OF L.B.K.



GENERAL NOTE:
 CONTRACTOR MUST FIELD VERIFY WITH LANDSCAPE ARCHITECT, ALL LOCATIONS OF PLANT MATERIAL PRIOR TO PLANTING.
 ALL PLANTING AREAS MUST BE FREE FROM ANY WEEDS PRIOR TO PLANTING.
 CONTRACTOR, MUST PROVIDE WHEEL MECHANISMS FOR ENTRY GATES. PROVIDE LANDSCAPE ARCHITECT WITH SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION.

PLANT LIST

TREES / PALMS		
KEY	SCIENTIFIC NAME	COMMON NAME
BB	Bauhinia biokana, "Hong Kong Orchid"	HONG KONG ORCHID
BV	Bauhinia variegata, "Candida"	WHITE ORCHID
CL	Chrysalidocarpus lutescens	ARECA PALM
HRT	Hibiscus rosa-Sinensis, "Anderson Crepe"	ANDERSON CREPE HIBISCUS TREE
JA	Jacaranda mimosifolia	JACARANDA
JS	Juniperus silicicola	SOUTHERN RED CEDAR
LC	Lagerstroemia indica, "Choctaw"	PINK CRAPE MYRTLE
LIM	Lagerstroemia indica, "Muskege"	LAVENDER CRAPE MYRTLE
LIT	Lagerstroemia indica, "Natchez"	WHITE CRAPE MYRTLE
LIN	Lagerstroemia indica, "Tuscarora"	RED CRAPE MYRTLE
PC	Phoenix carolinensis	CANARY ISLAND DATE PALM
OV	Quercus virginiana	LIVE OAK
SC	Spathodea campanulata	AFRICAN TULIP TREE
TH	Tabebuia heterophylla	SILVER TRUMPET TREE
TI	Tabebuia impetiginosa	PINK TRUMPET TREE
TI	Tabebuia impetiginosa	PURPLE TRUMPET TREE

SHRUBS		
KEY	SCIENTIFIC NAME	COMMON NAME
AC	Allomanda cathartica, "Hendersonii"	BROWN BUD ALLAMANDA
AZ	Alpinia zerumbet	SHELL GINGER
AZV	Alpinia zerumbet, "Variegata"	VARIEGATED SHELL GINGER
BO	Bougainvillea	BOUGAINVILLEA
CU	Coccoloba uvifera	SEA GRAPPE
CES	Conocarpus erectus sericeus	SILVER BUTTWOOD
CAS	Critinum asiaticum	CRINUM LILY
GJ	Gardenia jasminoides, "Miami Supreme"	MIAMI SUPREME GARDENIA
HRO	Hibiscus rosa-Sinensis, Orange	ORANGE HIBISCUS
HRP	Hibiscus rosa-Sinensis, Pink	PINK HIBISCUS
HRR	Hibiscus rosa-Sinensis, Red	RED HIBISCUS
HRY	Hibiscus rosa-Sinensis, Yellow	YELLOW HIBISCUS
PS	Pennisetum setaceum	FOUNTAIN GRASS
RM	Rhizophora mangle	RED AMERICAN MANGROVE
SF	Scavola frutescens	BEACH NAUPAKA
SB	Spartina bakeri	SALTWATER CORDGRASS
TD	Tripsacum dactyloides	FAKAHATCHEE GRASS
ZFL	Zamia floridana	COONTILE
ZFU	Zamia furfuracea	CARDBOARD PALM

GROUNDCOVERS		
KEY	SCIENTIFIC NAME	COMMON NAME
AN	Seasonal Annuals	SEASONAL ANNUALS
HD	Helianthus debilis	BUTTERSCOTCH RUFFLES DAY LILY
HSE	Hemerocallis species, "Butterscotch Ruffles"	BUTTERSCOTCH RUFFLES DAY LILY
HSE	Hemerocallis species, "Enchanted Elf"	ENCHANTED ELF DAY LILY
HSG	Hemerocallis species, "Galadriel"	GALADRIEL DAY LILY
HSW	Hemerocallis species, "Winter Wish"	WINTER WISH DAY LILY
JM	Josminum multiflorum	DOWNY JASMINE
LI	Lantana montevidensis, "Lavender Weeping"	LAVENDER WEEPING LANTANA
LY	Lantana camara, "New Gold"	NEW GOLD LANTANA
LM	Liriope muscari, "Evergreen Giant"	EVERGREEN GIANT LIRIOPE
PLL	Pentas lanceolata, "Lavender Delight"	LAVENDER DELIGHT PENTAS
PLB	Pentas lanceolata, "Egyptian Star Cluster"	EGYPTIAN STAR CLUSTER PENTAS
PLP	Pentas lanceolata, "Pink Profusion"	PINK PROFUSION PENTAS
RI	Raphiolepis indica	INDIAN HAWTHORN
ZP	Zebraia pendula	WANDERING JEW

PLANTING PLAN

dwja LANDSCAPE ARCHITECTS
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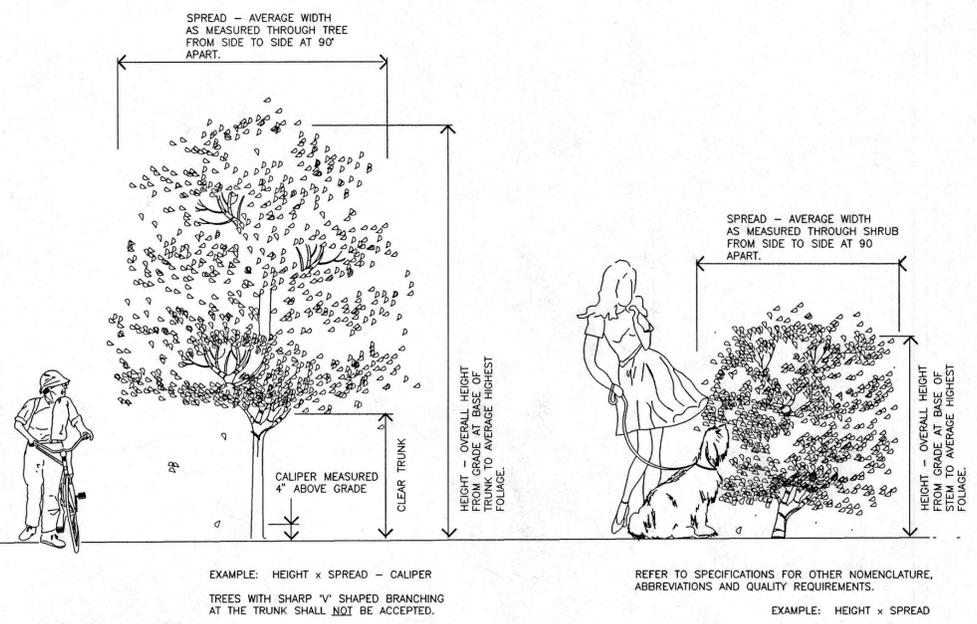
LANDSCAPE DEVELOPMENT PLANS FOR
DURANTE PARK PHASE III
 LONGBOAT KEY, FLORIDA

SHEET NO.

L-2

REVIEW SET

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TREE AND SHRUB SIZING SPECIFICATION
NOT TO SCALE

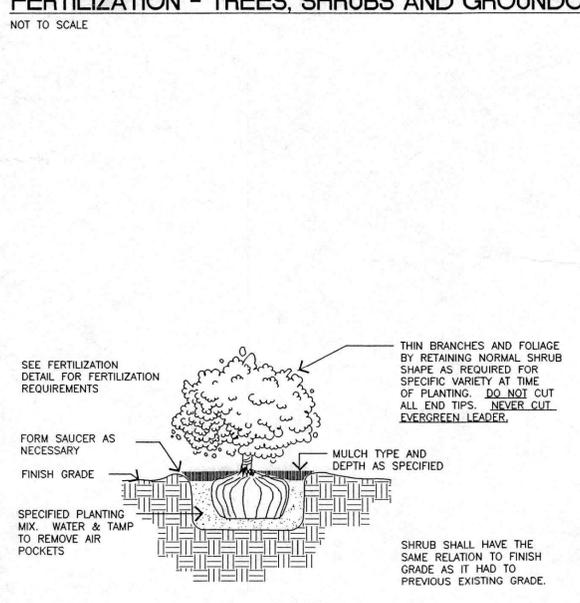
ALL PLANTINGS SHALL BE FERTILIZED WITH AGRIFORM 20-10-15 PLANTING TABLETS AT THE TIME OF INSTALLATION AND PRIOR TO COMPLETION OF BACKFILLING. AGRIFORM PLANTING TABLETS SHALL BE PLACED UNFORMALLY AROUND THE ROOT MASS AT THE DEPTH THAT IS BETWEEN THE MIDDLE AND THE BOTTOM OF THE ROOT MASS.

21 GRAM TABLET				10 GRAM TABLET	5 GRAM TABLET
1 GALLON CAN PLANTS	3 GALLON CAN PLANTS	5 GALLON CAN PLANTS	7 GALLON CAN PLANTS	LARGE TREES OR B & B TREES	MATURE PALMS
1 TABLET	2 TABLETS	3 TABLETS	4 TABLETS	TREES: 5 TABLETS/EA. 1/2" OF CALIPER SHRUBS: 1 TABLET FOR EA. 1" OF HEIGHT	10 TABLETS PER PALM
				WELL ROOTED LINERS	1 TO 2 TABLETS EACH
				SMALL GROUNDCOVERS OR PERENNIALS	1 TABLET EACH

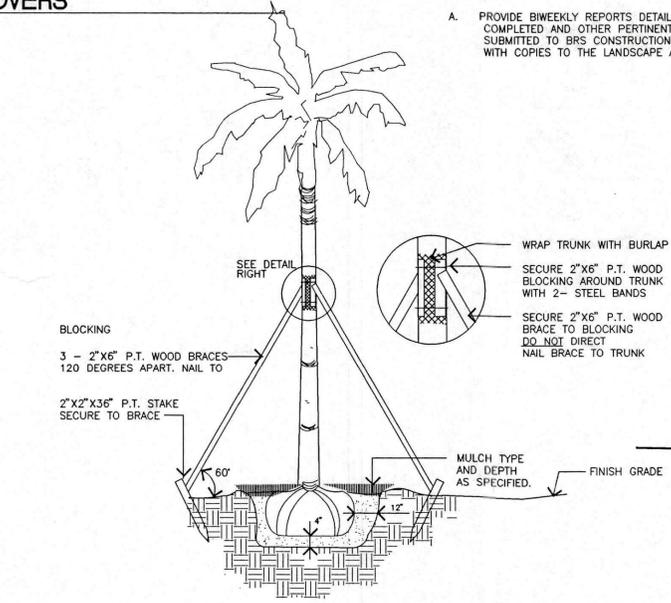
AGRIFORM 20-10-15 PLANTING TABLETS AS MANUFACTURED BY: SIERRA CHEMICAL COMPANY, 1001 YOSEMITE DRIVE, MILPITAS, CA 95035

NOTE: LANDSCAPE ARCHITECT MAY MAKE A RANDOM SAMPLING OF PLANT PITS TO DETERMINE THE UNIFORMITY OF APPLICATION.

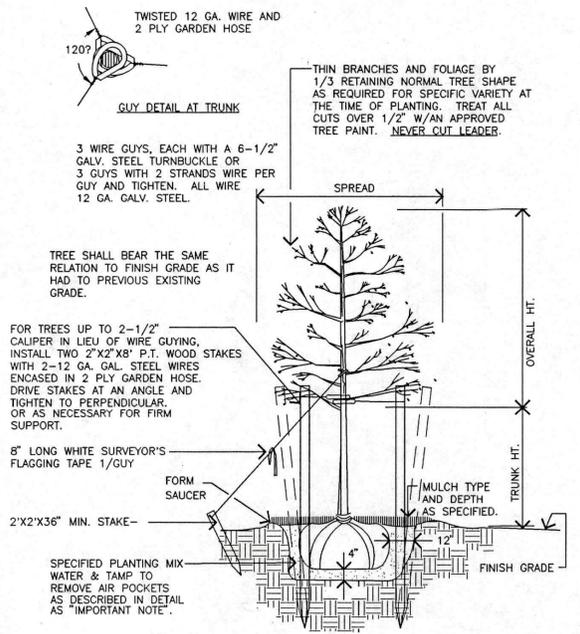
FERTILIZATION - TREES, SHRUBS AND GROUNDCOVERS
NOT TO SCALE



SHRUB PLANTING
NOT TO SCALE



PALM STAKING DETAIL
NOT TO SCALE



TREE PLANTING, STAKING AND PRUNING
NOT TO SCALE

MAINTENANCE PROGRAM

UPON FINAL ACCEPTANCE BY THE OWNER, A MAINTENANCE PROGRAM FOR ALL PLANT MATERIAL AND IRRIGATION SHALL COMMENCE AND CONTINUE FOR NINETY (90) DAYS.

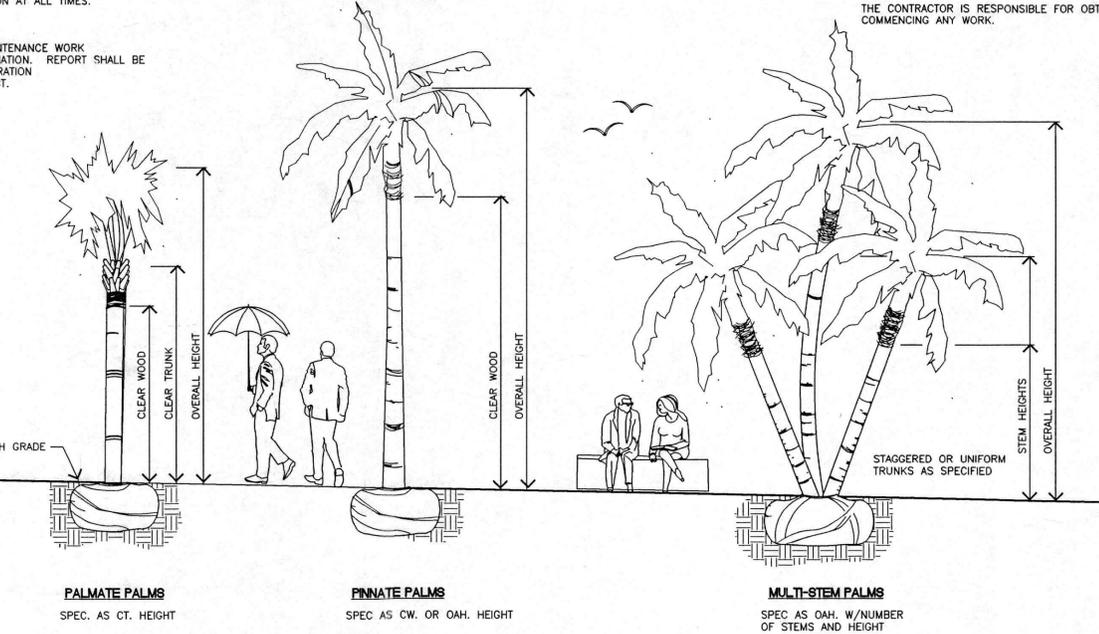
- PLANTING:**
- THE CONTRACTOR SHALL MAINTAIN ALL NEWLY PLANTED MATERIALS BY WATERING, PRUNING, CULTIVATING, FERTILIZING, AND WEEDING AS REQUIRED FOR HEALTHY GROWTH AND WEED FREE PLANTING BEDS OR SAUCERS.
 - RESTORE PLANTING SAUCERS, TIGHTEN AND REPAIR STAKES, RESET TREES OR PALMS TO PROPER GRADE OR VERTICAL POSITION AS REQUIRED.
 - SPRAY MATERIAL AS REQUIRED TO KEEP FREE FROM INSECTS AND DISEASE.
- IRRIGATION:**
- MAINTAIN THE INSTALLED IRRIGATION SYSTEM IN AN OPERABLE CONDITION AT ALL TIMES.
 - CHECK FOR LINE BREAKS AND CLEAN BUBBLERS OF DEBRIS SO THAT THEY PROVIDE UNIFORM WATER DISTRIBUTION AT ALL TIMES.
- REPORTS:**
- PROVIDE BIWEEKLY REPORTS DETAILING MAINTENANCE WORK COMPLETED AND OTHER PERTINENT INFORMATION. REPORT SHALL BE SUBMITTED TO BRS CONSTRUCTION CORPORATION WITH COPIES TO THE LANDSCAPE ARCHITECT.

NOTE

THIS CONTRACT IS SUBJECT TO THE RULES AND REGULATIONS OF GRADES AND STANDARDS FOR NURSERY PLANTS AS PUBLISHED BY THE DIVISION OF PLANT INDUSTRY, FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.

ALL PLANTS NOT LISTED IN GRADES AND STANDARDS FOR NURSERY PLANTS, PUBLISHED BY THE DIVISION OF PLANT INDUSTRY, SHALL CONFORM TO A FLORIDA NO. 1 AS TO: 1. HEALTH AND VITALITY, 2. CONDITION OF FOLIAGE, 3. ROOT SYSTEM, 4. FREEDOM FROM PEST OR MECHANICAL DAMAGE, 5. HEAVILY BRANCHED AND DENSELY FOLIATED ACCORDING TO THE ACCEPTED NORMAL SHAPE OF THE SPECIES OR SPORT.

AT THE CONCLUSION OF THIS PLANTING, IF THE LANDSCAPE ARCHITECT OR OWNER HAS REASON TO BELIEVE THAT THE PLANTS ARE NOT OF THE SPECIFIED GRADE, HE WILL REQUEST A REGRADING INSPECTION BY THE DIVISION OF PLANT INDUSTRY, AND SUCH EVIDENCE WILL BE THE BASIS FOR REQUESTING REPLACEMENT OF PLANTS AND FOR LEGAL OR OTHER ACTION TAKEN BY THE DIVISION OF PLANT INDUSTRY ACCORDING TO LAW, SHOULD THIS BECOME NECESSARY.



PALM SIZING SPECIFICATIONS
NOT TO SCALE

LANDSCAPE NOTES:

- INSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SPEEDY AND ORDERLY COMPLETION OF ALL WORK ON THE SITE.
- CONTRACTORS ARE ADVISED TO REFER TO THE SPECIFICATIONS, CONTRACT DOCUMENTS, AND PLAN SHEETS FOR A MORE DETAILED DISCLOSURE OF PERFORMANCE STANDARDS AND REQUIREMENTS.
- THE CONTRACTOR IS CAUTIONED TO BE AWARE OF UNDERGROUND UTILITIES. PRIOR TO EXCAVATION, THE CONTRACTOR SHALL CHECK WITH THE JOB SITE SUPERINTENDENT, CANDY, AND SARASOTA COUNTY UTILITIES FOR LOCATION OF ALL UTILITIES A MINIMUM OF 48 HOURS BEFORE BEGINNING WORK.
- ALL SOD SHALL BE PASPALLUM NOTATUM ARGENTINE - SAND GROWN CERTIFIED ARGENTINE BAHIA SOD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINISH GRADING IN SOD AREAS. HAND RAKE PRIOR TO INSTALLING SOD. CONTRACTOR TO CUT AND MATCH IN ALL NEW SOD TO EXISTING SOD. STAGGER AND KICK ALL JOINT TIGHT. ALL SOD TO BE ROLLED IMMEDIATELY AFTER INSTALLATION.
- CONTRACTOR SHALL APPLY MINIMUM 2 APPLICATIONS OF ROUNDUP HERBICIDE (OR APPROVED EQUAL) ON EXISTING TURF WHERE IT IS REQUIRED TO BE REMOVED FOR PLANTING. ROUNDUP MUST BE SPRAYED PRIOR TO COMMENCING ANY GRADING OPERATIONS. CONTRACTOR SHALL REVIEW TURF KILL WITH LANDSCAPE ARCHITECT OR OWNER REPRESENTATIVE FOR APPROVAL. ALL HERBICIDES MUST BE APPLIED BY LICENSED APPLICATORS PER MANUFACTURERS RECOMMENDED RATES AND INSTRUCTIONS. POST ALL APPLICATIONS.
- CONTRACTOR SHALL INSTALL ALL FILL TO CONSTRUCT BERMING TO BLEND IN WITH EXISTING GRADE. FILL MATERIAL SHALL BE SECOND CUT CLEAN FILL SUITABLE FOR PLANT GROWTH. SUBMIT SAMPLE OF SECOND CUT CLEAN FILL TO LANDSCAPE ARCHITECT FOR REVIEW. ALL EXISTING TURF AREAS TO BE TRACTOR GRADED TO A SMOOTH UNIFORM GRADE. NO FILL IS TO BE PLACED AROUND EXISTING TREES.
- ANY EXCESS SOIL OR DEBRIS FROM CONSTRUCTION SHALL BE REMOVED FROM THE SITE AND TAKEN TO THE COUNTY LAND FILL OR OTHER LOCATION AS APPROVED.
- MULCH ALL NEW PLANTING WITH 2" (OR AS NOTED OTHERWISE ON PLAN) OF SHREDDED, GRADE 'B' CYPRESS MULCH.
- THE LANDSCAPE CONTRACTOR SHALL HAND WATER ALL PALMS AND FIELD GROWN TREES AND SHRUBS A MINIMUM OF FIVE (5) TIMES A WEEK. THE LANDSCAPE CONTRACTOR SHALL BE LIABLE FOR REPLACING TREES AND SHRUBS EXPERIENCING TRANSPLANT SHOCK DUE TO LACK OF WATER AT ANY TIME DURING THE COURSE OF LANDSCAPE INSTALLATION.
- ALL TREES AND PALMS WITHIN SOD AREAS SHALL BE MULCHED WITH 3" MIN. DIAMETER RING 2" DEEP STAKES WHENEVER POSSIBLE SHALL BE WITHIN MULCH RINGS.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL EXISTING SOD, DEBRIS, WEEDS, AND HANDWORK UNDER EXISTING TREES IN PREPARATION FOR ANY PLANTING.
- CONTRACTOR SHALL REPAIR ANY AREAS DISTURBED DURING THE COMPLETION OF WORK INCLUDING RESODDING OF IRRIGATION TRENCHES AND PLANTING PITS RESULTING FROM MATERIAL RELOCATIONS.
- AN AUTOMATIC IRRIGATION SYSTEM WILL BE INSTALLED TO PROVIDE 100% COVERAGE ON ALL NEW PLANT MATERIAL.
- ALL NEW PLANT MATERIALS USED SHALL CONFORM TO THE STANDARDS FOR FLORIDA NO. 1 OR BETTER AS ESTABLISHED IN "GRADES AND STANDARDS FOR NURSERY PLANTS" PART I AND PART II STATE OF FLORIDA DEPARTMENT OF AGRICULTURE.

DAVID W. JOHNSTON ASSOCIATES
 LANDSCAPE ARCHITECTS
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DATE	3/26/96
DRAWN BY	MES
ISSUED	4/2/96

LANDSCAPE DEVELOPMENT PLANS FOR
DURANTE PARK PHASE III
 LONGBOAT KEY, FLORIDA

PALMS SHALL HAVE FRONDS TIED AROUND BUDS. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL TIES AND INITIAL PRUNING OF FRONDS WITHIN A TIME PERIOD OF NINETY (90) TO ONE HUNDRED TWENTY (120) DAYS AFTER PLANTING.

BALL SIZE VARIES. MINIMUM ACCEPTED SIZES ARE AS FOLLOWS:

SABAL PALMS:	36"x24" DEEP
WASHINGTONIA PALMS: (OVER 10' CT)	60"x48" DEEP
WASHINGTONIA PALMS: (UNDER 10' CT)	48"x36" DEEP
CANARY ISLAND DATE PALMS:	60"x36" DEEP
QUEEN PALMS:	36"x36" DEEP
PINDO PALMS:	36"x24" DEEP

REFER TO SPECIFICATIONS FOR OTHER NOMENCLATURE, ABBREVIATIONS AND QUALITY REQUIREMENTS.

WIRE AND BURLAP BALLS AS NECESSARY FOR GIVEN SPECIMEN.

PLANTING DETAILS

REVIEW SET