## TREE PROTECTION CALCULATIONS

14 PROTECTED TREES TO BE REMOVED

21 REPLACEMENT TREES ADDED
36 REPLACEMENT PALMS ADDED
11 TRANSPLANTED PALMS
TOTAL REPLACMENT TREE CREDITS = 36

## LANDSCAPE AREA CALCULATIONS

TOTAL LANDSCAPE AREA = 41,805 S.F.
TOTAL SOD AREA = 10,137 S.F. (24.2% OF LANDSCAPE AREA)
TOTAL PLANTED AREA = 31,808 S.F. (75.8% OF LANDSCAPE AREA)

0 20 40 60

## PLANT KEY

- JACARANDA, Jacaranda mimosifiola, 10'x5' spr., 2" cal., min. (1)
- LIVE OAK, Quercus virginiana, 10'x5' spr., 2" cal., min. (16)
- ROYAL POINCIANA, Delonix regia, 10'x5' spr., 2" cal., min. (4)
- CABBAGE PALM, Sabal palmetto, C.T. Heights specified on plan (36)
- WAX PRIVET, Ligustrum japonicum, 6'x6' spr., 30 gal. (85)
- SWEET VIBURNUM, Viburnum sandankwa, 3 gal., 24"x24" spr., (98)
- SEA OATS, Uniola paniculata, 1 gal., 24"x24"spr., (27)
- WANDERING JEW, Zebrina Pendula, 1 gal., full (885)
- COONTIE, Zamia pumila, 1 gal., 12"x12" spr. (190)
- SWORDFERN, Nephrolepis exaltata, 1 gal., full (1795)
- DWARF SHORE JUNIPER, Juniperus conferta, "Blue Pacific", 1 gal., 12"x12" spr. (930)
- DUNE SUNFLOWER, Helianthus debilis, 1 gal., 12"x12" spr., full (720)

NOTE: AN IRRIGATION SYSTEM PROVIDING 100% COVERAGE MUST BE PROVIDED PRIOR TO OR IN CONJUNCTION WITH THE INSTALLATION OF THE PLANT MATERIAL. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO OWNER FOR APPROVAL.

LONGBOAT DRIVE
HIBISCUS WAY
Fnd. 1/2" I. Rod (No #) (Block Corner)
Fnd. 4"x4" C.M. (No #) (Block Corner)
NEW SIGN
720 SWORDFERN
430 DWARF SHORE JUNIPER
75 DUNE SUNFLOWER
290 WANDERING JEW
95 COONTIE
Sea Grapes
PROPERTY LINE AND LIMIT OF WORK
6" CURB
CANOPY ABOVE
CONC. BENCH
FEA. GRAVEL
ROOF OVERHANG ABOVE
NEW SCULPTURE GARDEN
GRASS
SUB-GRADE DRAINAGE PIPING @ SCULPTURE GARDEN
BENCH
NOTE: PUMP FOR POOL WILL BE LOCATED WITHIN A VAULT. CIRCULATING WATER @ REFLECTING POOL
SHELL
GRASS PARKING
95 COONTIE
VISIBILITY TRIANGLE
95 DUNE SUNFLOWER
GRANITE STONE PARKING MARKERS
CONCRETE PAVING W/ SHELL TOPPING
RELOCATED CRAFT BLDG.
445 SWORDFERN
SHELL BICYCLE PARKING AREA
45 WANDERING JEW
25 WANDERING JEW
200 WANDERING JEW
325 WANDERING JEW
6' H. SCREEN WALL FOR DUMPSTER SEE SHEET A-1 FOR DETAIL
NEW SHELL PARKING
5 TREES REQUIRED
6 TREES PROVIDED
120 SWORDFERN
CONC. PARKING CURB
510 SWORDFERN
90 DWARF SHORE JUNIPER
6' HIGH LANDSCAPE BUFFER
6' LIGUSTRUM HEDGE SEE BUFFER DETAIL ON SHEET L-4
NOTE: DRY FLOOD RETENTION ON PROPERTY = +/- 15 % OF TOTAL AREA. FINAL LOCATIONS TO BE DETERMINED.
NEW SHELL PARKING
2 TREES REQUIRED
5 TREES PROVIDED
35 DWARF SHORE JUNIPER
HC RAMP
12' x 30' LOADING
15 DWARF SHORE JUNIPER
NEW SHELL PARKING
5 TREES REQUIRED
9 TREES PROVIDED
165 DUNE SUNFLOWER
385 DUNE SUNFLOWER
335 DWARF SHORE JUNIPER
25' SETBACK LINE
6' HIGH LANDSCAPE BUFFER
VISIBILITY TRIANGLE
PT. VACATED MAGNOLIA RD.
LOT 20 BLOCK 8 LONGBOAT KEY B. 6, PG. 66
EXISTING OR RELOCATED AREAS
NEW CONSTRUCTION
NORTH

BLOCK 8
LONGBEACH ON LONGBOAT KEY
P.B. 6, PG. 66

Phillip J. Smith 3/22/99
PHILLIP J. SMITH, RLA #1096

REVISED 3/22/99 PER L.B.K.

# LANDSCAPE PLAN

dwja LANDSCAPE ARCHITECTS
DAVID W. JOHNSTON ASSOCIATES
1491 SECOND STREET SUITE B • SARASOTA, FL 34236 • (941) 366-3159

| | |
|---|---|
| PROJECT NO. | 99-10 |
| SCALE | 1"-20'-0" |
| DATE | 3/5/99 |
| DRAWN BY | MES |
| ISSUED | 3/22/99 |

CENTER FOR THE ARTS
LONGBOAT KEY, FLORIDA
THOMPSON AND ROSE ARCHITECTS, INC.

SHEET NO.
L-3

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