



EMERSON DRIVE

LOT 2 = ±3.57 ACRES
 2-STORY OFFICE AND STORAGE BUILDING
 454,393 SQ FT - SURFACE FLOOR

LANDSCAPE CALCULATIONS

HERITAGE CORNERS - PALM BAY, FL
 LOT AREA = 155,357 SF (3.57 ACRE)
 CC - COMMUNITY COMMERCIAL

SECTION 180.16 (1)(E) - EXISTING TREE REPLACEMENT
 NO EXISTING TREES ARE ON SITE.

SECTION 185.142 PERIMETER DEVELOPMENT REQUIREMENTS:
 WEST: SECTION 185.142 (B)(1)(I)
 300 LF / 30' = 9 TREES REQUIRED
 PROVIDED: 9 TREES

NORTH: SECTION 185.142 (B)(1)(I)(C)
 517 LF MINUS 22 LF (INGRESS/EGRESS) = 495 LF / 30' = 17 TREES REQUIRED
 PROVIDED: 17 TREES
 A 3' HT SHRUB REQUIRED, 24" OC (SEE REQUIRED SHRUB NOTE)
 517 / 2 = 259 SHRUBS REQUIRED
 PROVIDED: 259 SHRUBS
 *REQUIRED SHRUB NOTE: WHERE THE REQUIRED 3' HT. SHRUBS ARE USED AS A SINGLE ROW HEDGE, THE SPACING IS 24" O.C.

EAST: SECTION 185.142 (B)(1)(C)
 300 LF MINUS 75 LF (INGRESS/EGRESS) = 225 LF / 30' = 8 TREES REQUIRED
 PROVIDED: 8 TREES
 A 3' HT SHRUB REQUIRED, 24" OC (SEE REQUIRED SHRUB NOTE)
 300 / 2 = 150 SHRUBS REQUIRED
 PROVIDED: 150 SHRUBS
 *REQUIRED SHRUB NOTE: WHERE THE REQUIRED 3' HT. SHRUBS ARE USED AS A SINGLE ROW HEDGE, THE SPACING IS 24" O.C. WHERE THE REQUIRED 3' HT.

SOUTH: SECTION 185.142 (B)(2)(D)
 328 LF / 25' = 13 TREES REQUIRED
 PROVIDED: 13 TREES

SEC. 185.142 (B)(3) - INTERIOR PARKING AREA REQUIREMENTS:
 43,352 SF OF VEHICULAR USE AREA → 4,335 SF MINIMUM OF INTERIOR LANDSCAPE AREA
 1 TREE / 200 SF
 4,335 SF / 200 SF = 21 TREES REQUIRED
 PROVIDED: 22 TREES

SEC. 185.142 (B)(G) - PEDESTRIAN ZONE LANDSCAPING REQUIREMENTS:
 2 TREES / ZONE

INSTALLED PLANT MATERIAL:

TREE: 10' HT., 2" CAL.



SHRUB: 3' HT., 24" O.C.



SYMBOLS ARE FOR LOCATION ONLY. TREE SPECIES AND VARIETY TO BE DETERMINED BY LANDSCAPE ARCHITECT.



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SCOTT M. GLAUBITZ, P.E. & P.L.S.
 STATE OF FLORIDA, NO. 33559-RL-1151



Digitally signed by
 Scott M. Glaubitz
 Date: 2024.09.11
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HASSAN A. KAMAL, P.E.
 STATE OF FLORIDA, NO. 41551



DATE	04/17/24
DESIGN/DRAWN	ALS/CRB
CITY COMMENTS	03/24

PROJECT TITLE
OFFICE AND SELF STORAGE AT HERITAGE CORNERS

SHEET TITLE
CONCEPT LANDSCAPE PLAN

PROJECT NO.
 11710

DRAWING NO.
 11710_200_006

SHEET
 1 of 1

SYMBOLS SHOWN ARE GRAPHIC IN NATURE. DUE TO SCALE, ALL DESIGN ELEMENTS ARE NOT NECESSARILY SHOWN ON PLAN. MEAS. THE CONTRACTOR SHALL ALSO REFER TO SPECIFICATION AND DETAIL SHEETS AS WELL AS THE COMPLETE PLAN SET.