

NOTES:

2-1. DO NOT SOD DRY POND BOTTOMS OR POND SIDE SLOPES UNLESS WITH SAND GROWN SOD WITH PERCOLATION RATE APPROVED BY CIVIL ENGINEER. SIDE SLOPES MUST BE SODDED, POND BOTTOM DOES NOT.

PLANT SCHEDULE:

LEGEND	QUANTITY	SPECIFICATIONS	COMMON NAME
	120	3 GAL. (2' HT) PLANT 3 O.C.	PODOCARPUS
	2	30 GAL. (10' HT. 2.5" DBH)	LIVE OAK
	7	30 GAL. (10' HT. 2.5" DBH)	DAHOON HOLLY
	4	6' HT. OR 6" DBH	PALM TREE
	12	30 GAL. (10' HT. 2.5" DBH)	MAGNOLIA
	4	8' HT., 1" CALIPER 2' SPREAD, MULTI-STEM	MUSOGEE GRAPE MYRTLE
	409 SF	1 GAL., 3" O.C., 18" HT.	MONKEY GRASS
	12571 SF		UNDISTURBED VEGETATION

LANDSCAPING CALCULATIONS:

10' LANDSCAPE BUFFER BETWEEN VEHICULAR USE AREA AND RIGHT OF WAY. EAST PROPERTY LINE: 161 LF / 30 LF = 5 TREES (0 EXISTING; 5 PROPOSED)

10' LANDSCAPE BUFFER BETWEEN VEHICULAR USE AREA AND NON-RIGHT-OF-WAY. WEST PROPERTY LINE: 363 LF / 35 LF = 17 TREES (14 EXISTING; 3 PROPOSED) SOUTH PROPERTY LINE: 336 LF / 35LF = 10 TREES (2 EXISTING; 8 PROPOSED) NORTH PROPERTY LINE: 275 LF / 35LF = 8 TREES (6 EXISTING; 2 PROPOSED)

INTERIOR PARKING LANDSCAPING REQUIRED:
 16,820 SF TOTAL = 11,636 SF OF INTERIOR LANDSCAPE REQUIRED. 1,632 SF / 200 SF = 8 TREES. REQUIRED INTERIOR PARKING LANDSCAPE PROVIDED = 1,958 SF
 0 TREES PROVIDED = 8 NEW TREES

TOTAL TREES REQUIRED: 5 + 17 + 10 + 8 + 8 = 48 TREES REQUIRED

TOTAL TREES PROVIDED: 2 + 7 + 4 + 4 + 4 + 12 + 28 = 55 TREES (26 EXISTING; 29 PROPOSED)

PROVIDED 55 TREES - 48 REQUIRED TREES = 7

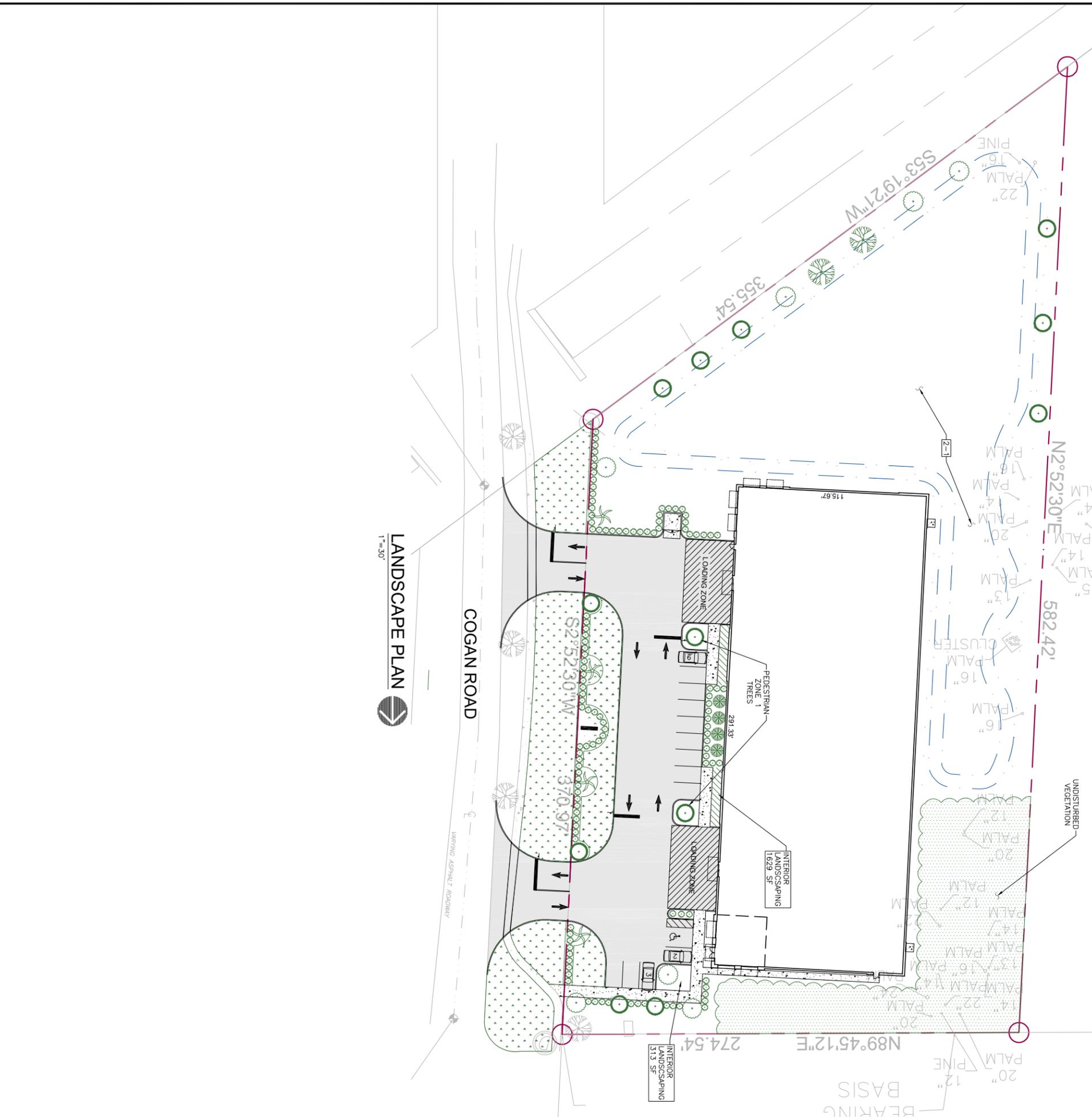
PEDESTRIAN ZONE LANDSCAPING
 PEDESTRIAN ZONE 1 TREES PER ZONE = 2 TREES PER ZONE
 2 ZONES X 2 TREES PER ZONE = 4 TREES PROVIDED

NOTE: PEDESTRIAN ZONE EXCLUDES THE REAR OF THE BUILDING.

REPLACEMENT TREES
 ABOVE CALCULATIONS DOES NOT INCLUDE REPLACEMENT TREES.
 REMOVED TREES: 2-12", 4-13", 4-14", 3-15", 3-18", 1-20" = 251' OF TREES BEING REMOVED
 251' / 6" TREE REPLACEMENT = 42 TREES REQUIRED
 42 REQUIRED - 42 REPLACEMENT = 0 TREES
 COST FOR TREE FUND = \$350 PER TREE = \$350 X 42 TREES = \$14,700

LANDSCAPING NOTES:

1. ALL ON-SITE DISTURBED GREEN AREAS NOT IDENTIFIED FOR LANDSCAPING OR TREE PRESERVATION SHALL BE SODDED WITH BAHIA SOD. DO NOT SOD DIRTY RETENTION PONDS EXCEPT AS IDENTIFIED BY THE ENGINEER.
2. LANDSCAPING MATERIALS AND PLANTING METHODS SHALL MEET OR EXCEED ALL REQUIREMENTS HEREIN AND ALL CITY OF PALM BAY LAND DEVELOPMENT CODE REQUIREMENTS.
3. AUTOMATIC SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED BY IRRIGATION CONTRACTOR FOR ALL LANDSCAPED AREAS IDENTIFIED ON-SITE EXCEPT DRY RETENTION POND. IRRIGATION CONTRACTOR SHALL COORDINATE ELECTRICAL SERVICE AS NEEDED. IRRIGATION SOURCE SHALL BE A NEW WELL.
4. LOCATION DETERMINED BY OWNER.
5. PRIOR TO CERTIFICATE OF COMPLETION, A MINIMUM 60% ALTERNATIVE COVER MUST BE ESTABLISHED. BAHIA SOD SHALL BE ALTERNATIVE COVER AREA. BAHIA SOD EXCEPT DRY RETENTION POND.
6. SHRUBS SHALL BE PLANTED AT LEAST 3.5' FROM THE BACK OF CURB.



LANDSCAPE PLAN
 1"=30'



REV#	DATE	REVISION

CONSTRUCTION ENGINEERING GROUP
Consulting Engineers

2651 Eau Gallie Blvd., Suite A
 Melbourne, FL 32935

Tel. 321.253.1221
 www.cogengineering.com
 COA #0008097

COGAN ROAD SELF-STORAGE

STEIN INVESTMENT GROUP
 COGAN DR SE, PALM BAY, FL 32909

DRAWING TITLE
LANDSCAPE PLAN

DATE: 5/7/24
 SCALE: 1"=30'
 PROJ. NO.: 230074
 DESIGNED BY: WGM
 DRAWN BY: NCV
 CHECKED BY: JTW
 DRAWING NO: L-1