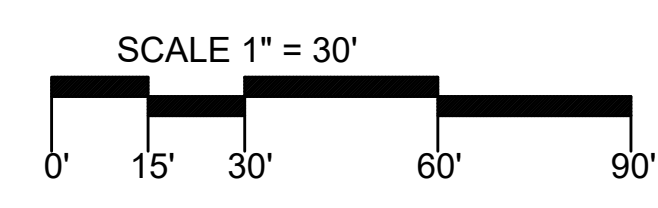


SITE LANDSCAPE CALCULATIONS



BUFFER REQUIREMENTS:
ALL BUFFERS TO BE 100% NATIVE SPECIES PER VILLAGE OF ESTERO LDC REQUIREMENTS

TOTAL SITE = 2.31 ACRES (100,624 SF) (NORTH PARCEL 1)
APPLICABLE SECTIONS OF ZONING RESOLUTION: Z-12-010
APPLY TO THIS DEVELOPMENT ORDER.

PROJECT WEST BUFFER #1
15' TYPE 'B' BUFFER
109 LF /100 X 5 = 6 TREES REQUIRED.
6 TREES EXISTING = 6 TREES PROVIDED.
109 LF/3 X 2 = 73 SHRUBS REQUIRED AND PROVIDED.

PROJECT WEST BUFFER #2
15' TYPE 'B' BUFFER
80 LF /100 X 5 = 4 TREES REQUIRED AND 4 TREES PROVIDED.
80 LF/3 X 2 = 53 SHRUBS REQUIRED AND PROVIDED.

PROJECT WEST BUFFER #3
A 20' WIDTH TYPE 'D' BUFFER WITH 5 TREES AND 66 SHRUBS PER 100 LF
110 LF /100 X 5 = 6 TREES REQUIRED AND 6 TREES PROVIDED.
110 LF/3 X 2 = 74 SHRUBS REQUIRED AND 74 SHRUBS PROVIDED.

PROJECT NORTH BUFFER
WOR TO R.O.W.
A 20' WIDTH TYPE 'D' BUFFER WITH 5 TREES AND 66 SHRUBS PER 100 LF.
500 LF /100 X 5 = 25 TREES REQUIRED AND 25 PROVIDED.
500 LF/3 X 2 = 333 SHRUBS REQUIRED AND 333 PROVIDED

PROJECT EAST BUFFER
WOR TO R.O.W.
A 20' WIDTH TYPE 'D' BUFFER WITH 5 TREES AND 66 SHRUBS PER 100 LF.
220 LF /100 X 5 = 11 TREES REQUIRED.
3 TREES EXISTING AND 8 TREES PROPOSED = 11 TREES PROVIDED.
220 LF/3 X 2 = 145 SHRUBS REQUIRED.
147 SHRUBS REQUIRED AND PROVIDED

PROJECT SOUTH BUFFER
15' TYPE 'B' BUFFER
362 LF /100 X 5 = 18 TREES REQUIRED.
18 TREES EXISTING
362 LF/3 X 2 = 242 SHRUBS REQUIRED AND PROVIDED.

OPEN SPACE REQUIREMENTS
OPEN SPACE REQUIRED PER MCP FOR ENTIRE CAMPUS = 4.51 ACRES REQUIRED
AND 1.07 ACRES PROVIDED ON PARCEL 1 PER HATCHING.
(.46 % OF PARCEL 1 SHOWN IN OPEN SPACE)

BUILDING PERIMETER PLANTING REQUIREMENTS
9,543 SF. OF EXISTING AND PROPOSED BLDG. AREA X 10% = 954 SF OF PROPOSED BUILDING PERIMETER PLANTING REQUIRED AND PROVIDED PER HATCHING.
COVERAGE REQUIRED AT 50% OF 954 SF = 53 SHRUBS REQUIRED AND PROVIDED, LABELED AS (BD)

INTERNAL PARKING LANDSCAPE REQUIREMENTS
INTERNAL LANDSCAPE AREAS OF 10% OF THE PARKING AREA IS REQUIRED = 33,351 SF (including grass parking) X 10% = 3,335 SF MINIMUM REQUIRED AND 3,577 PROVIDED, PER HATCHING
1 TREE PER 250 SF. = 13 TREES REQUIRED AND 13 PROVIDED, LABELED AS (Parking).
NO MORE THAN 10% OF PLANTING AREA TO BE IN TURF. APPROXIMATELY 330 SHRUBS OR GROUNDCOVERS ARE PROVIDED.

INDIGENOUS OPEN SPACE REQUIREMENTS
NOT APPLICABLE (EXISTING NATIVE TREES SHALL BE RETAINED AS SHOWN ON PLAN)

WATER MANAGEMENT PLANTING REQUIREMENTS
REFER TO DEVIATIONS AND CONDITIONS OF Z-12-010

HERITAGE TREES (Parcel 1)
2 TO REMAIN
2 TO BE REMOVED AND REPLACED WITH 20' TALL TREES

GENERAL TREE CREDITS TREE CREDITS TAKEN
2 SABAL PALMS @ 1:1 CREDIT = 2 CREDITS (North Parcel)
2 SLASH PINE @ 1:1 CREDIT = 2 CREDITS (North Parcel)
1 SABAL PALMS @ 3:1 CREDIT = 3 CREDITS (North Parcel)
2 LIVE OAKS > 4" CAL @ 5:1 CREDIT = 10 CREDITS (North Parcel)
10 SLASH PINE > 4" CAL @ 5:1 CREDIT = 50 CREDITS (North Parcel)
TOTAL GENERAL TREE CREDITS = 67 CREDITS

No filling, grading or excavating will occur within the full drip-line of the Slash Pines. If protected trees die or removed, they will be replaced at a 5:1 credit ratio.

GENERAL TREE REQUIREMENTS
1 TREE PER 3000 SF OF TOTAL SITE
100,624 SF / 3000 = 34 TREES REQUIRED AND PROVIDED.

67 CREDITS FROM EXISTING NATIVES TREES TO FULLFIL "GENERAL" TREES

NOTE: 16" TREES MAY BE USED AT A 2:1 CREDIT FOR GENERAL TREES. GENERAL TREE REQUIREMENTS MAY NOT BE REDUCED MORE THE 50%. A MAXIMUM OF 81 - 16" TREES MAY BE USED AT 2:1 CREDIT TOWARDS GENERAL TREES (CREDIT TREES, IF ANY, DEPICTED IN PLANT LIST)

A TREE REMOVAL PERMIT IS REQUIRED FROM THE VILLAGE OF ESTERO

RESOLUTION NUMBER Z-12-010 CONDITIONS (LANDSCAPE CONDITIONS ONLY)

- Recreational Field:** The dry detention stormwater management area adjacent to the southern property line may be used for recreational purposes provided no impacts are made to the stormwater management infrastructure. No permanent recreational equipment may be installed. Lighting of the recreational field and loudspeakers are prohibited.

In accordance with LDC §33-117, a 5-foot-wide unpaved walkway with the required trees and benches must be incorporated into the overall design of the project. Lighting of the walkway must be consistent with LDC §§ 10-610(b), 33-116 and 34-625.
- Open Space:** The development order plans must depict a minimum of 4.51 acres of open space for the project.
- Preservation:** To ensure protection of the native trees located on Parcel #1:
 - Prior to local development order approval for Parcel #1, the landscape plans must depict preservation for the South Florida Slash Pine (Pinus Elliotti Var Densa). The landscape plans must also include, at a minimum, the following:

Detailed cross section which includes the location of the native trees, and insure that protection of the roots and the trunk of the trees are addressed. Root pruning or root barriers may be necessary to protect the trees from damage.

Depiction that no filling, grading or excavating will occur within the full drip-line of the Slash Pines.

Documentation that if any of the trees are removed, or if any of the trees die, each tree will be replaced at 5:1 credit ratio.
 - Prior to issuance of a vegetation removal permit, the preserved trees must be staked and field verified for appropriate protection measures (such as root pruning, tree barricades, and root barriers) by a certified arborist.

- Buffer:** Prior to installation of the 30-foot-wide buffer along South Tamiami Trail, the existing building depicted on the MCP as the Fellowship Facility (Building 17) must be removed from the buffer area. This Building (17) qualifies as historic and may be incorporated into the overall project design subsequent to historic designation and an administrative amendment to the MCP depicting its relocation.
- Stormwater Management System:** Prior to local development order approval for the stormwater system, the landscape plan must delineate:

The two northern dry detention areas to be planted with native herbaceous grasses, one gallon container size arranged in clusters, planted 3-foot on center.

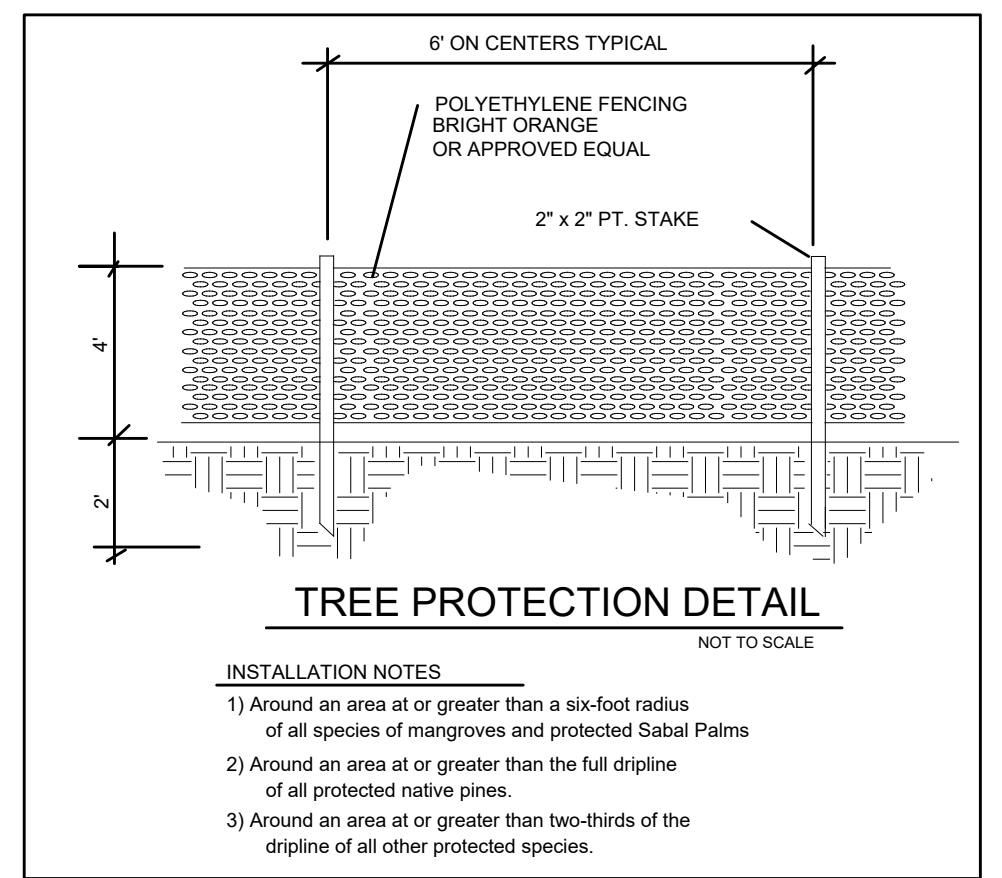
A minimum of 3,000 square feet, divided equally between the inlet and outfall of the northern dry detention area, to be planted with herbaceous grasses, one gallon container size arranged in clusters planted 3-foot on center.

The southern dry detention areas to be planted along the southern perimeter berm with scattered Live Oak (Quercus Virginiana), Dahoon Holly (Llex Cassine), South Florida Slash Pine (Pinus Elliotti Var Densa) and/or Black Olive (Bucida Bucera), planted 30-feet on center, at 10 feet in height, 2-inch caliper dbh.

General tree credits can be applied, as per LDC §10-418(4), for herbaceous vegetation, and a general tree credit on a ratio of one-to-one (1:1) for the planting of trees along the dry detention areas.

SCHEDULE OF LANDSCAPE DEVIATIONS:

- Deviation (1) seeks relief from the LDC §33-111(d) requirement to provide all dry detention basins be planted with wetland type plant species (such as *Spartina*) in minimum one-gallon containers not more than 36 inches on center throughout the extent of the basin, to allow the southernmost dry detention area (adjacent to the south property line) to be left unplanted, except at inlet and outlet locations. This deviation is APPROVED SUBJECT TO conditions 6 and 12.
- Deviation (2) seeks relief from the LDC §§ 33-351 and 34-2192(a) requirement to provide a minimum 20-foot-wide Type "D" buffer and minimum 25-foot street setback, to allow the existing Youth House (Building #12) to have a minimum 14± foot street setback from Highlands Avenue and to encroach 0.8 feet into the required buffer width, and to allow a 80-square-foot concrete pad and a 4-foot-wide sidewalk that extends from the Youth House to Highlands Avenue to encroach into the required buffer width. This deviation is APPROVED limited to the existing encroachment of the Youth House and the concrete pad and walkway into the street setback and required buffer width, provided that all required plantings will be installed - enhancing the overall development and meeting the intent of the required landscaping buffer width.
- Deviation (3) seeks relief from the LDC §10-285 requirement to provide a 125-foot separation distance between road and non-residential driveway intersections, to allow a 116-foot separation distance (measured edge to edge) from Mockingbird Lane to the existing northernmost driveway on Highland Avenue. This deviation is APPROVED.
- Deviation (4) seeks relief from the LDC §33-351 requirement to provide a minimum 20-foot-wide Type "D" buffer along Lords Way, to allow a 15-foot-wide Type "D" buffer adjacent to both sides of Lords Way. This deviation is APPROVED SUBJECT TO the condition that all required plantings will be installed.



DMJA

DAVID M. JONES, JR.
AND ASSOCIATES, INC.

LANDSCAPE ARCHITECTS
AND PLANNERS

2221 McGregor Blvd.
Fort Myers, Florida 33901
Phone: (239) 337 - 5525
Fax: (239) 337 - 4494

4161 Tamiami Trail, Bldg. 5,
Unit 501
Port Charlotte, Florida 33952
Phone: (941) 235 - 2217
Fax: (239) 337 - 4494
L.A. LICENSE: LC 000063

PROJECT INFORMATION:

ESTERO UNITED METHODIST CHURCH
Thrift Store Expansion
8088 LORDS WAY,
ESTERO, FL

PREPARED FOR:

DELISI, FITZGERALD, INC.
1605 Hendry Street
Fort Myers, Florida
P: (239) 418-0691
F: (239) 418-0692

CONSULTANT:

DESIGN PROFESSIONAL:

GREGORY J. DISERIO, RLA
RLA No. 840 DATE:
STATE OF FLORIDA

PROJECT NO.	219118
PROJECT MGR.	GREG DISERIO
FILE NAME:	Estero Thrift_LS
DESIGNER:	GJD
CAD TECH:	GJD
CHECKED BY:	GJD
ISSUED FOR:	SITE PERMITTING

ISSUED DATE: Dec. 9, 2019
REVISIONS:
FEB. 13, 2020 BIKE RACK

SHEET TITLE:
SITE LANDSCAPE CALCULATIONS

SHEET NUMBER:
L-1

TYPICAL EASEMENT AREA
REFER TO ENGINEERING PLANS FOR
SPECIFIC EASEMENT INFORMATION





DMJA

DAVID M. JONES, JR.
AND ASSOCIATES, INC.

LANDSCAPE ARCHITECTS
AND PLANNERS

2221 McGregor Blvd.
Fort Myers, Florida 33901
Phone: (239) 337-5525
Fax: (239) 337-4494

4161 Tamiami Trail, Bldg. 5,
Unit 501
Port Charlotte, Florida 33952
Phone: (941) 235-2217
Fax: (239) 337-4494

L.A. LICENSE: LC 000063

PROJECT INFORMATION:

**ESTERO
UNITED
METHODIST
CHURCH
Thrift Store
Expansion**

8088 LORDS WAY,
ESTERO, FL

PREPARED FOR:

**DELISI,
FITZGERALD, INC.**
1605 Hendry Street
Fort Myers, Florida
P: (239) 418-0691
F: (239) 418-0692

CONSULTANT:

DESIGN PROFESSIONAL:

GREGORY J. DISERIO, RLA
RLA NO. 840 DATE:
STATE OF FLORIDA

PROJECT NO.	219118
PROJECT MGR.	GREG DISERIO
FILE NAME:	Estero Thrift_LS
DESIGNER:	GJD
CAD TECH:	GJD
CHECKED BY:	GJD
ISSUED FOR:	SITE PERMITTING

ISSUED DATE: Dec. 9, 2019

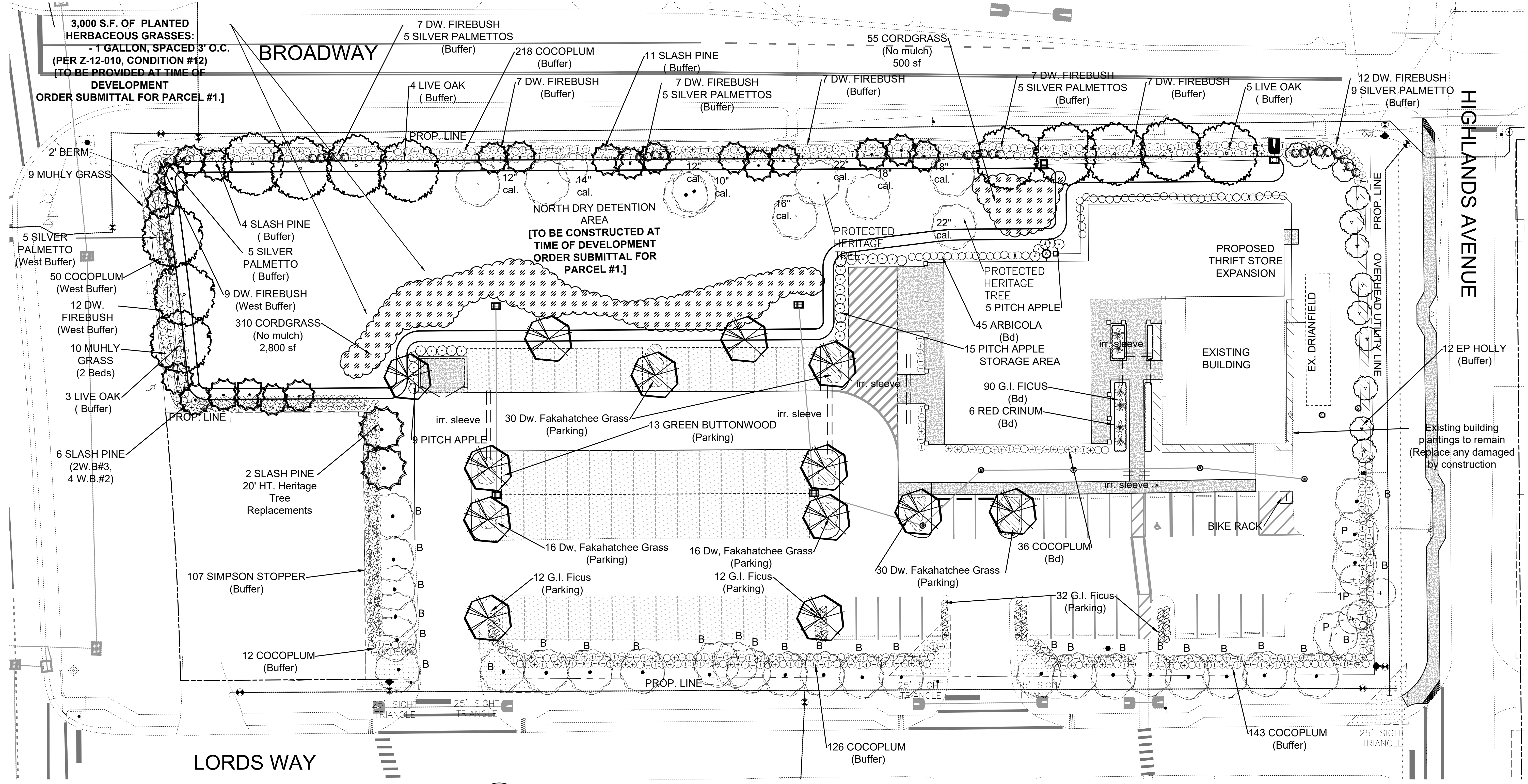
REVISIONS:
FEB. 13, 2020 BIKE RACK

SHEET TITLE:

**LANDSCAPE
PLAN**

SHEET NUMBER:

L-2

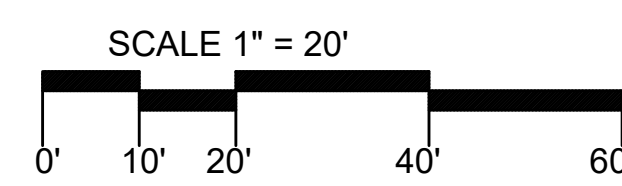


3,000 S.F. OF PLANTED
HERBACEOUS GRASSES:
- 1 GALLON, SPACED 3' O.C.
(PER Z-12-010, CONDITION #12)
[TO BE PROVIDED AT TIME OF
DEVELOPMENT
ORDER SUBMITTAL FOR PARCEL #1.]

NORTH DRY DETENTION AREA
[TO BE CONSTRUCTED AT
TIME OF DEVELOPMENT
ORDER SUBMITTAL FOR
PARCEL #1.]

NOTE: proposed trees are to be installed no closer
than 10' from the building and no less than 4' from any
curb. Palms are no closer than 8' from any building.

LANDSCAPE PLAN



TYPICAL EASEMENT AREA
REFER TO ENGINEERING PLANS FOR
SPECIFIC EASEMENT INFORMATION

