





DMJA

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PROJECT INFORMATION:

**ESTERO UNITED
METHODIST
CHURCH**

8088 LORDS WAY,
ESTERO, FL

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

DESIGN PROFESSIONAL:

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

PROJECT NO. 216010
PROJECT M.R.: GREG DISERIO
FILE NAME: Estero Methodist LS
DESIGNER: GJD
CAD TECH: GJD
CHECKED BY: GJD

ISSUED FOR:
**ZONING & DEVELOPMENT
REVIEW**

ISSUED DATE: APRIL 22, 2016
REVISIONS:

SHEET TITLE:
**SITE LANDSCAPE
DATA**

SHEET NUMBER:

L-1

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

PROJECT WEST PL BUFFER #1
A 30' WIDTH TYPE 'E' BUFFER WITH NO
WALL.
A DOUBLE HEDGE ROW OF SHRUBS
PROVIDED

845 LF /100 X 10 = 85 TREES REQUIRED.
85 TREES PROVIDED.
845 LF/3 X 2 = 563 SHRUBS REQUIRED.
XX SHRUBS PROVIDED.

**PROJECT R.O.W BUFFER #2
(DEVIATION #4)**
A 15' WIDTH TYPE 'D' BUFFER WITH 5
TREES AND 66 SHRUBS PER 100 LF.

500 LF /100 X 5 = 25 TREES
REQUIRED.
17 TREES EXISTING AND 8 TREES
PROPOSED =25 TREES PROVIDED .
500 LF/3 X 2 = 333 SHRUBS REQUIRED.
X SHRUBS EXISTING AND X SHRUBS
PROPOSED =333 SHRUBS PROVIDED .

PROJECT R.O.W BUFFER #3
A 15' WIDTH TYPE 'D' BUFFER WITH 5
TREES AND 66 SHRUBS PER 100 LF.

360 LF /100 X 5 = 18 TREES
REQUIRED.
18 TREES EXISTING AND 0 TREES
PROPOSED =18 TREES PROVIDED .
360 LF/3 X 2 = 240 SHRUBS REQUIRED.
SHRUBS ARE EXISTING TO FULLFILL
BUFFER REQUIREMENTS

PROJECT BUFFER #4
15' TYPE 'B' BUFFER
110 LF /100 X 5 = 6 TREES REQUIRED.
5 TREES EXISTING AND 1 TREE
PROPOSED =
6 TREES PROVIDED.
110 LF/3 X 2 = 73 SHRUBS REQUIRED.
73 SHRUBS PROVIDED.

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

PROJECT BUFFER #6
WOR TO R.O.W.
A 20' WIDTH TYPE 'D' BUFFER WITH 5
TREES AND 66 SHRUBS PER 100 LF.

110 LF /100 X 5 = 6 TREES REQUIRED.
6 TREES PROVIDED.
110 LF/3 X 2 = 73 SHRUBS REQUIRED.
73 SHRUBS PROVIDED

PROJECT NORTH BUFFER #7
WOR TO R.O.W.
A 20' WIDTH TYPE 'D' BUFFER WITH 5
TREES AND 66 SHRUBS PER 100 LF.

505 LF /100 X 5 = 25 TREES REQUIRED.
12 TREES EXISTING AND 13 TREES
PROPOSED =25 TREES PROVIDED
505 LF/3 X 2 = 336 SHRUBS REQUIRED.
336 SHRUBS PROVIDED

PROJECT EAST BUFFER #8
WOR TO R.O.W.
A 20' WIDTH TYPE 'D' BUFFER WITH 5
TREES AND 66 SHRUBS PER 100 LF.

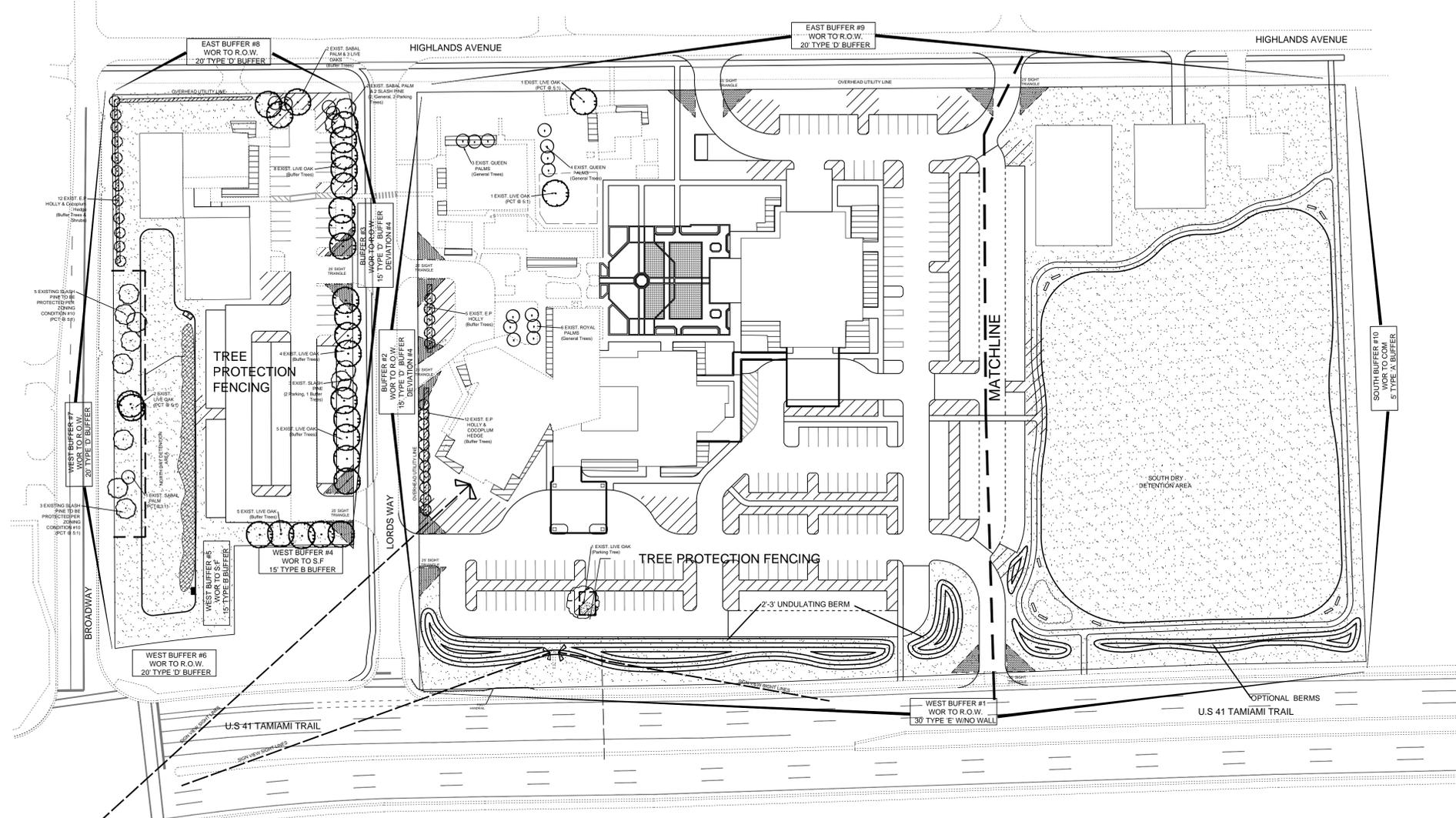
217 LF /100 X 5 = 11 TREES REQUIRED.
4 TREES EXISTING AND 7 TREES
PROVIDED =
11 TREES PROVIDED .
217 LF/3 X 2 = 145 SHRUBS REQUIRED.
SHRUBS ARE EXISTING TO FULLFILL
BUFFER.

PROJECT EAST BUFFER #9
WOR TO R.O.W.
A 20' WIDTH TYPE 'D' BUFFER WITH 5
TREES AND 66 SHRUBS PER 100 LF.

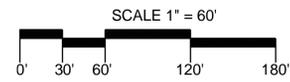
800 LF /100 X 5 = 40 TREES REQUIRED.
0 TREE EXISTING AND 40 TREES
PROVIDED =
40 TREES PROVIDED .
800 LF/3 X 2 = 533 SHRUBS REQUIRED.
X SHRUBS EXISTING AND X SHRUBS
PROVIDED = 533 SHRUBS PROVIDED.

PROJECT SOUTH BUFFER #10
WOR TO COM.
A 5' WIDTH TYPE 'A' BUFFER WITH 4
TREES

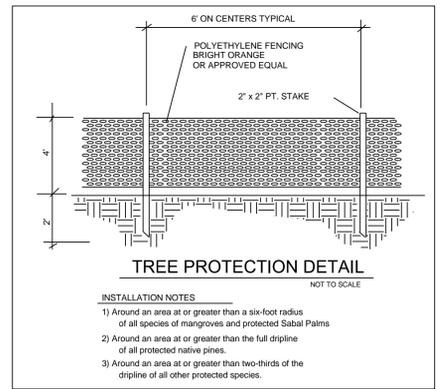
525 LF /100 X 4 = 21 TREES REQUIRED.
21 TREES PROVIDED .



SITE LANDSCAPE CALCULATIONS



TYPICAL EASEMENT AREA
REFER TO ENGINEERING PLANS FOR
SPECIFIC EASEMENT INFORMATION



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

- 6. **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.
- 9. **Open Space:** The development order plans must depict a minimum of 4.51 acres of open space for the project.
- 10. **Preservation:** To ensure protection of the native trees located on Parcel #1:
 - a. 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.
 - b. 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.

- 11. **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.
- 12. **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 (Ilex 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 DEVIATIONS:

- 1. 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.
- 2. 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.
- 3. 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.
- 4. 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.

TOTAL SITE = 12.97 +/- ACRES
APPLICABLE SECTIONS OF ZONING RESOLUTION:
Z-12-010 APPLY TO THIS DEVELOPMENT ORDER.

OPEN SPACE REQUIREMENTS

OPEN SPACE REQUIRED PER MCP = 4.51 ACRES
REQUIRED
4.98 ACRES PROVIDED PER HATCHING

INDIGENOUS OPEN SPACE REQUIREMENTS

NOT APPLICABLE

BUILDING PERIMETER PLANTING REQUIREMENTS

78,148 SF. BLDG. X 10% = 7,185 SF OF BUILDING
PERIMETER PLANTING REQUIRED AND PROVIDED.
APPROXIMATELY 868 SHRUBS PROVIDED

INTERNAL PARKING LANDSCAPE REQUIREMENTS

INTERNAL LANDSCAPE AREAS OF 10% OF THE PARKING
AREA IS REQUIRED = 143,895 (including grass parking) X
10% =14,390 SF MINIMUM REQUIRED AND 34,000
PROVIDED, PER HATCHING

1 TREE PER 250 SF. = 58 TREES REQUIRED AND
PROVIDED
NO MORE THAN 10% OF PLANTING AREA TO BE IN TURF.
APPROXIMATELY 1,439 SHRUBS OR GROUNDCOVERS ARE
PROVIDED.

WATER MANAGEMENT PLANTING REQUIREMENTS

REFER TO DEVIATIONS AND CONDITIONS OF Z-12-010

**GENERAL TREE CREDITS
TREE CREDITS TAKEN**
7 QUEEN PALMS @ 1:1 CREDIT = 7 CREDITS
6 ROYAL PALMS @ 1:1 CREDIT = 6 CREDITS
2 SABAL PALMS @ 3:1 CREDIT = 6 CREDITS
4 LIVE OAKS > 4" CAL @ 5:1 CREDIT = 20 CREDITS
8 SLASH PINE > 4" CAL @ 5:1 CREDIT = 40 CREDITS
TOTAL GENERAL TREE CREDITS = 79 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 SITE
564,973/ 3500=162 TREES REQUIRED AND PROVIDED.

79 CREDITS PLUS 83 PROPOSED TREES = 162 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 XX -16' TREES MAY BE USED AT 2:1
CREDIT TOWARDS GENERAL TREES
(CREDIT TREES, IF ANY, DEPICTED IN PLANT LIST)





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ESTERO UNITED METHODIST CHURCH

8088 LORDS WAY,
ESTERO, FL

PREPARED FOR:

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CONSULTANT:

DESIGN PROFESSIONAL:

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

PROJECT NO. 216010

PROJECT M.J.R. GREG DISERIO

FILE NAME: Estero Methodist LS

DESIGNER: GJD

CAD TECH: GJD

CHECKED BY: GJD

ISSUED FOR:
ZONING & DEVELOPMENT REVIEW

ISSUED DATE: APRIL 22, 2016

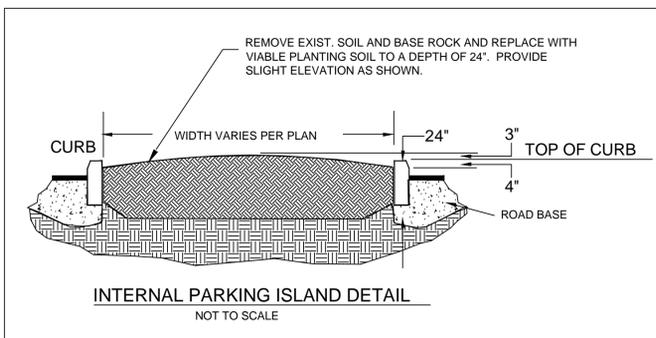
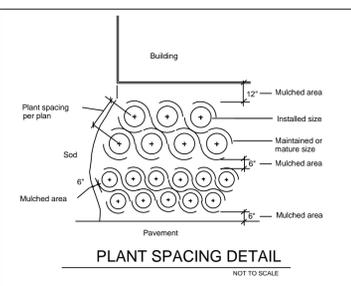
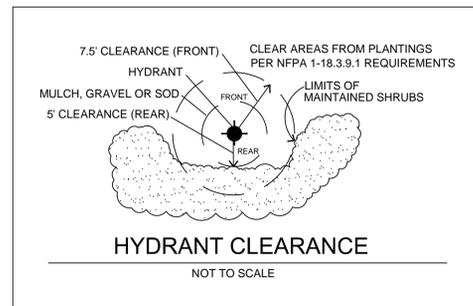
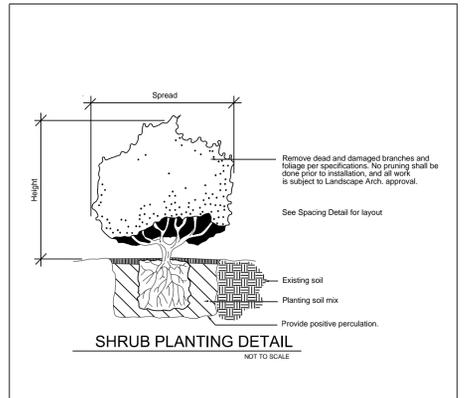
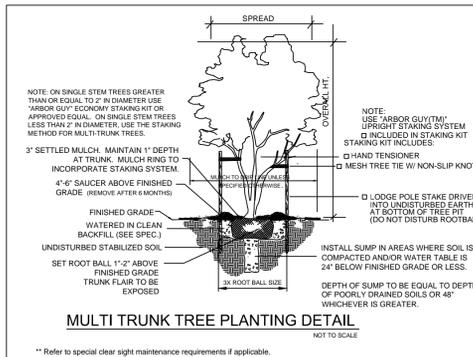
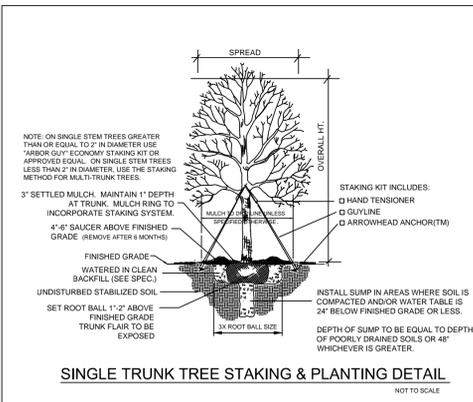
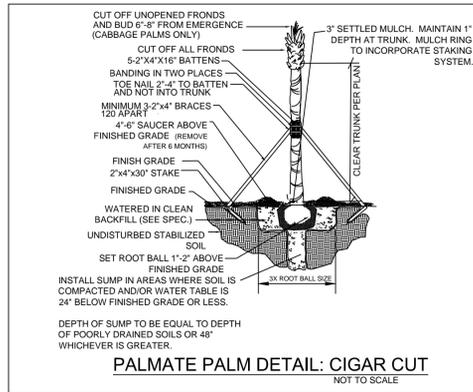
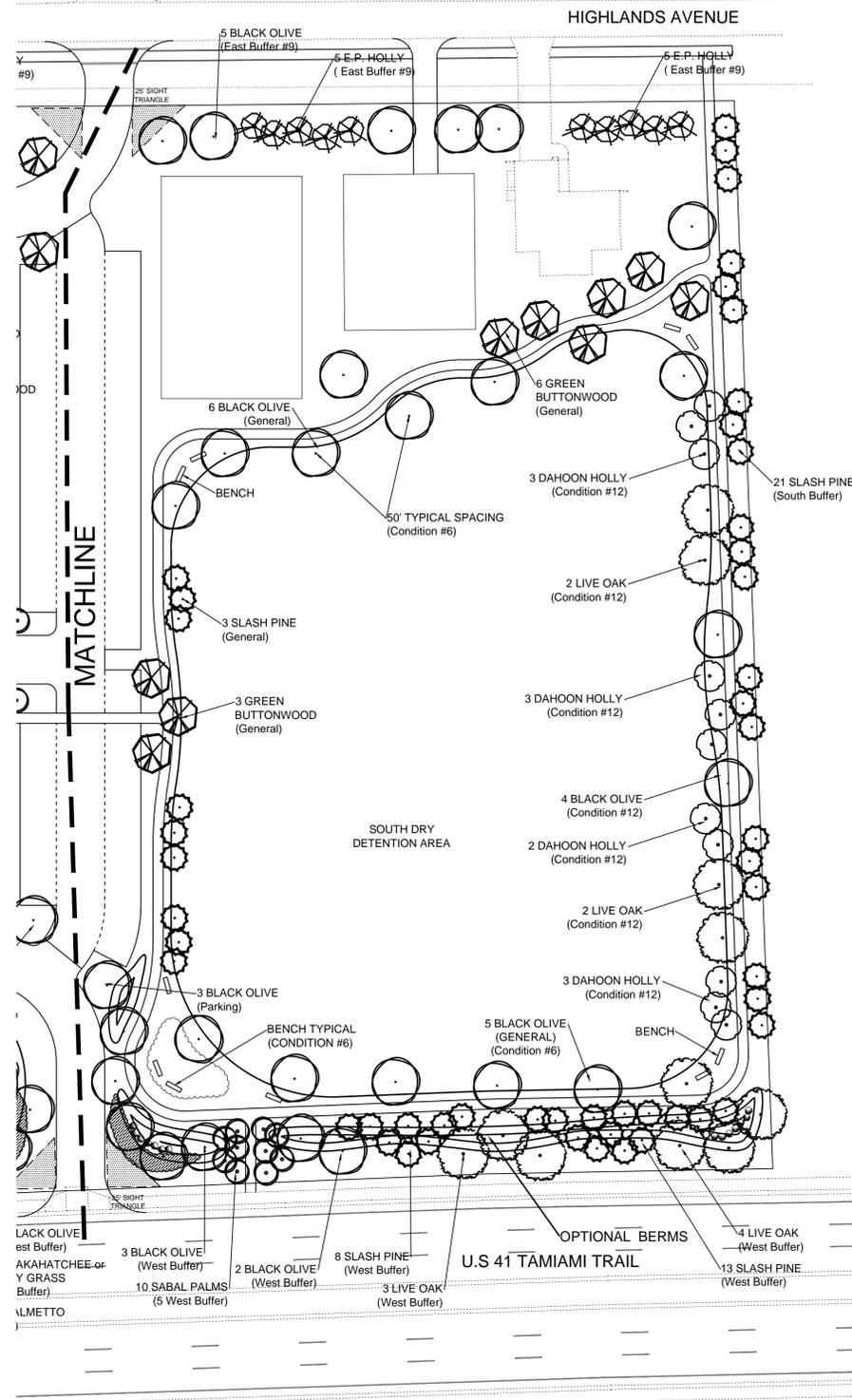
REVISIONS:

SHEET TITLE:

ZONING LANDSCAPE PLAN

SHEET NUMBER:

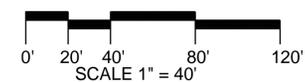
L-3



TYPICAL EASEMENT AREA
REFER TO ENGINEERING PLANS FOR
SPECIFIC EASEMENT INFORMATION



ZONING LANDSCAPE PLANTING PLAN





BUILDING AREAS	
EXISTING AREAS:	SQUARE FEET
FIRST FLOOR:	12,980
MEZZANINE:	3,023
TOTAL EXISTING:	16,003
PROPOSED AREAS:	SQUARE FEET
NARTHEX:	922
CLASSROOMS & OFFICES:	9,096
TOTAL INTERIOR AREAS:	10,018
COVERED ENTRY:	416
PORTE COCHERE:	2,107
TOTAL COVERED AREAS:	2,523
TOTAL PROPOSED AREAS:	12,541
TOTAL EXISTING AREAS:	16,003
TOTAL BUILDING AREA:	28,546

1 PROPOSED PLAN
SCALE: 3/32" = 1'-0"

CONSULTANTS:

SEAL:

DALAS D. DISNEY
FLORIDA AR-0012511

Disney Associates, P.A.

1865 VETERANS PARK DRIVE, SUITE 301,
NAPLES, FLORIDA 34109
PHONE (239) 596-2872
FAX (239) 596-2874

ARCHITECTURE
and
PLANNING

FLORIDA REGISTRATION AA 0002502

NOTES:

PROJECT:

Estero United Methodist Church

8088 Lord's Way
Estero, Florida

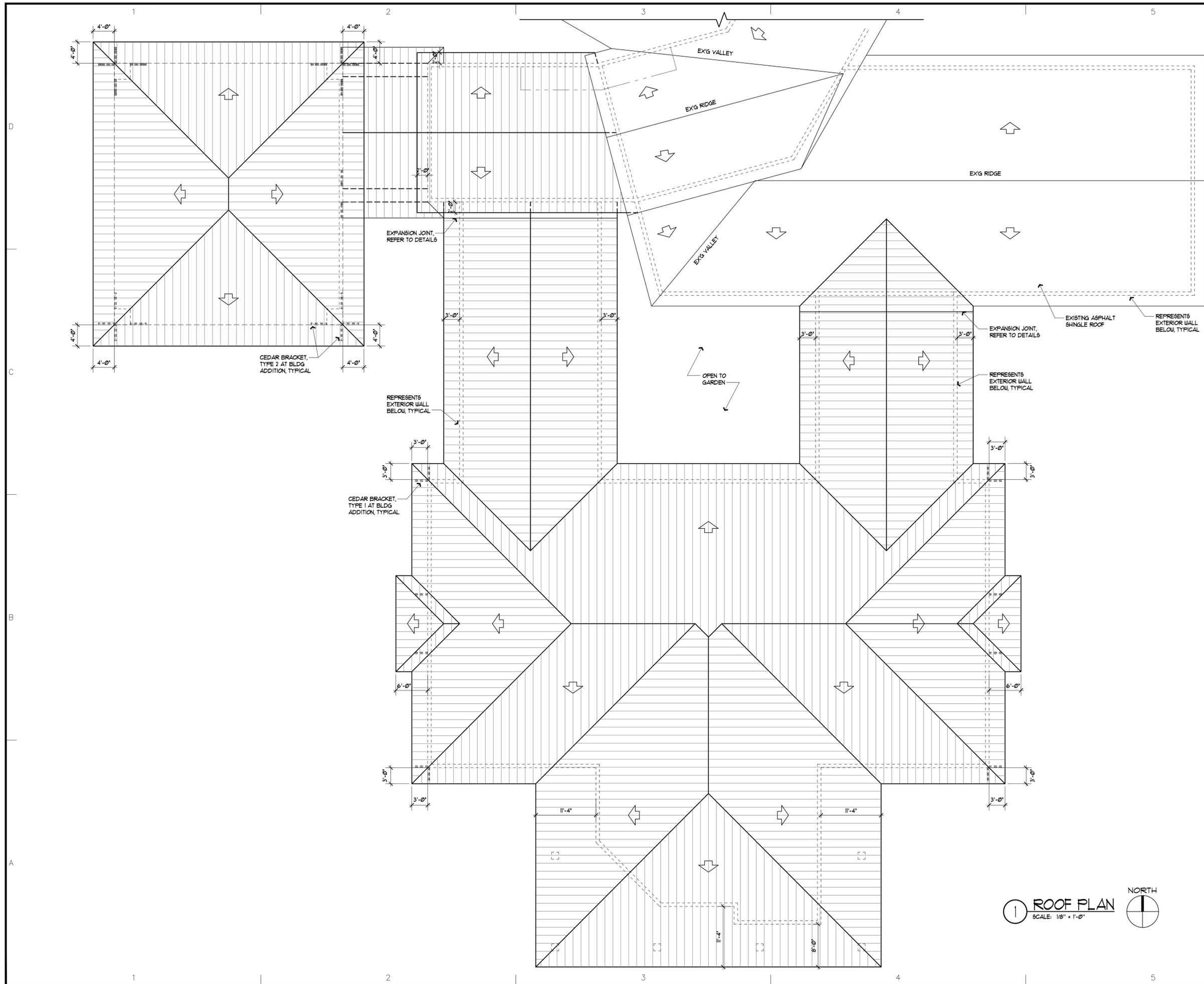
REV.	DESCRIPTION	BY	DATE

DATE: 04-19-16
PROJECT NO: 15-571
CAD DWG FILE: Z:
DRAWN BY: TT
CHK'D BY: DD

The design professional warrants any and all responsibility and liability for problems which arise from the failure to follow these plans, specifications and the design intent they convey, or for problems which arise from others failure to obtain and/or follow the design professional's guidance with respect to any errors, omissions, inconsistencies, ambiguities or conflicts which are alleged.

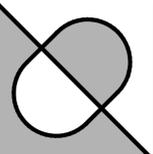
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SHEET TITLE:
Overall Building Plan



1 ROOF PLAN
SCALE: 1/8" = 1'-0"
NORTH

CONSULTANTS:



SEAL:

DALAS D. DISNEY
FLORIDA AR-0012511

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ARCHITECTURE
and
PLANNING

FLORIDA REGISTRATION AA 0002502

NOTES:

PROJECT:

Estero United Methodist Church

8088 Lord's Way
Estero, Florida

REV.	DESCRIPTION	BY	DATE

DATE: 04-19-16
PROJECT NO: 15-571
CAD DWG FILE: Z:
DRAWN BY: DD
CHK'D BY: DD

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SHEET TITLE:
Roof Plan

A-2



