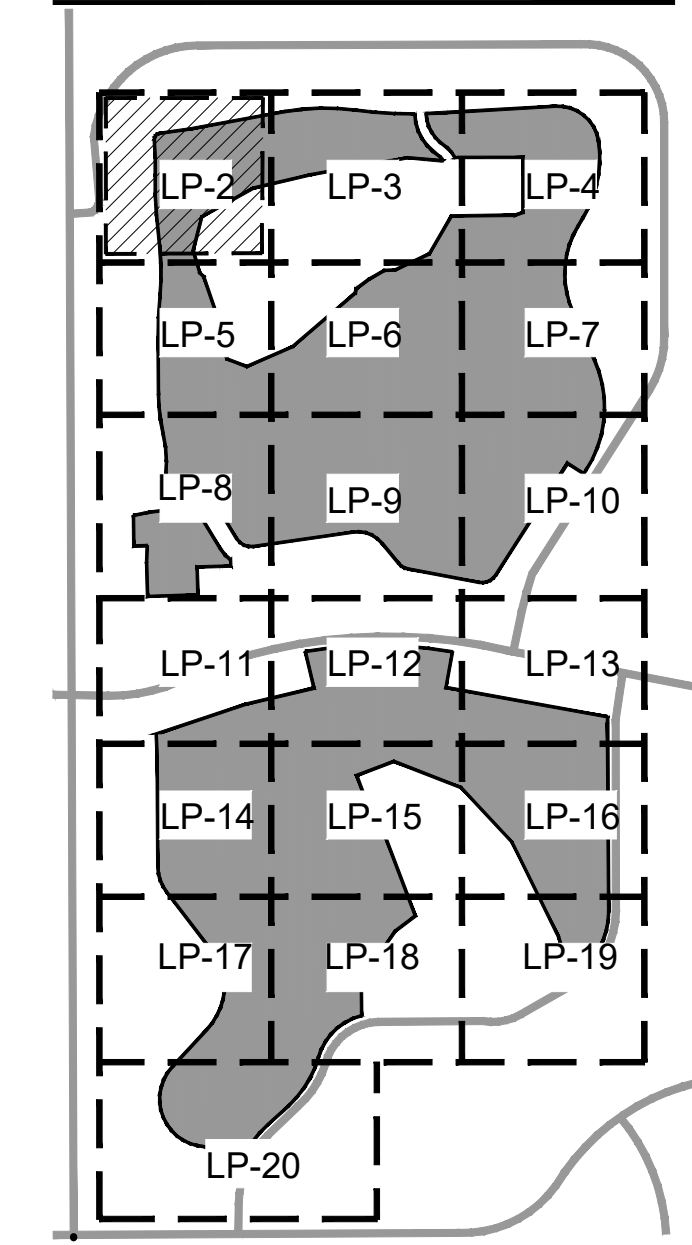


**KEY MAP**



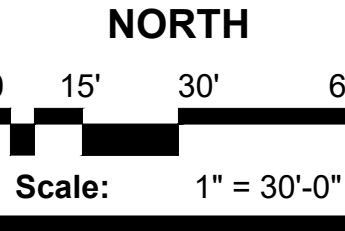
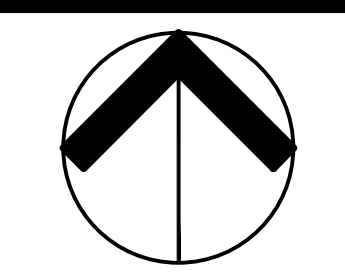
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**Delray Trails at  
Villa Delray PUD**  
Palm Beach County, Florida  
Common Area Landscape Plans



Date: 03/19/2022  
Project No.: 15-057.000  
Designed By: JWB  
Drawn By: JWB  
Checked By: JWB/WJT

**Revision Dates:**  
2022-08-24-LMB  
2023-01-19

SECTION 11  
VILLADELRAY -  
SECTION 10 AND 11  
(PB 36, PG 19-22)

6.0' UTILITY EASEMENT  
(PB 36, PG 19-22)

12.0' UTILITY EASEMENT  
(PB 36, PG 19-22)

N79°12'22"E 419.76'

$\Delta = 3^{\circ}47'43"$   
 $R = 2094.56'$   
 $L = 138.74'$

OPEN SPACE

STORM

SEE LITTORAL  
PLAN

WATER MANAGEMENT  
LAKE TRACT #1  
6.06 AC

SECTION 12  
VILLADELRAY -  
SECTION 12, 13 AND  
14  
(PB 38, PG 20-22)

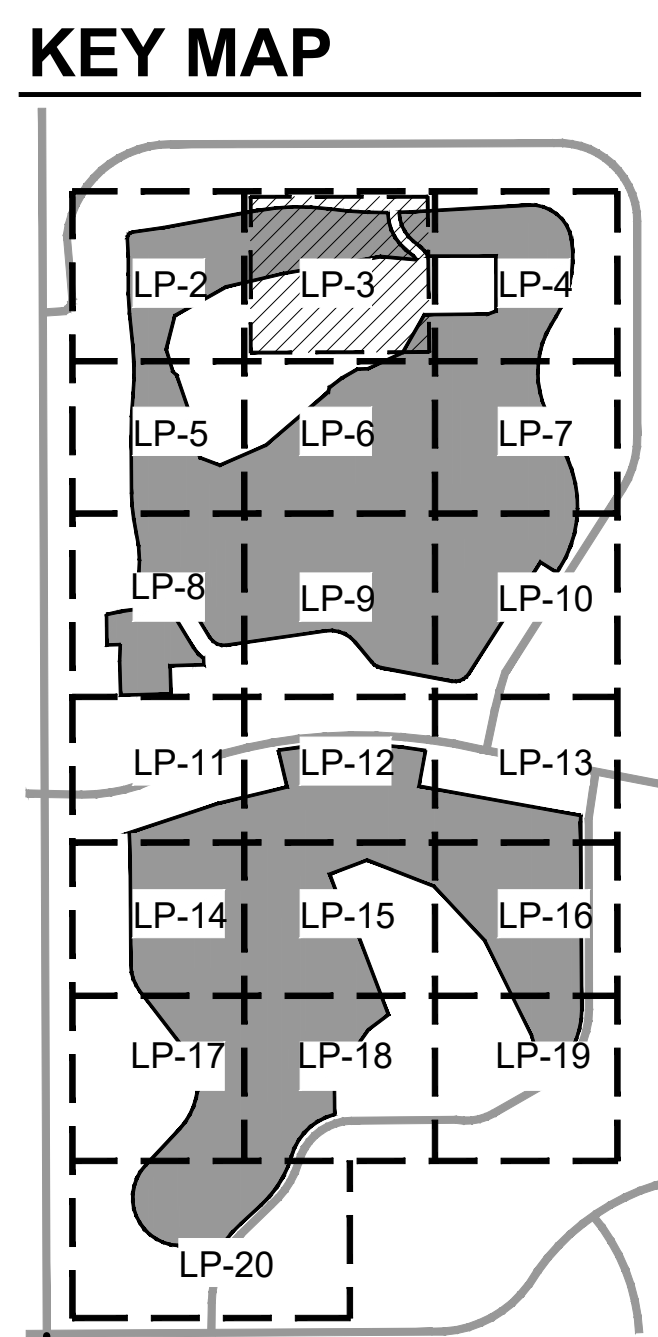
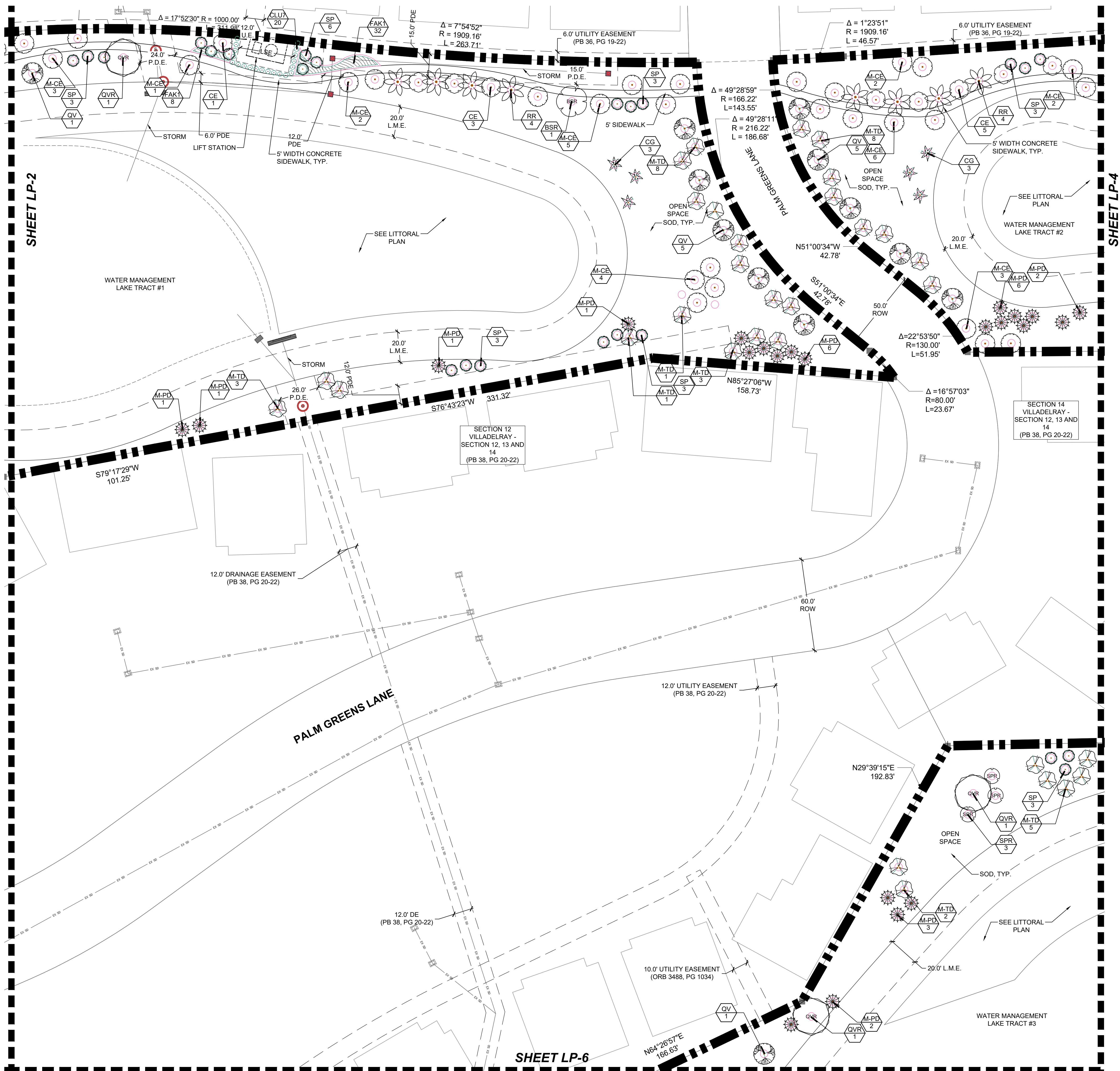
SECTION 13  
VILLADELRAY -  
SECTION 12, 13 AND  
14  
(PB 38, PG 20-22)

SECTION 15  
VILLADELRAY -  
SECTION 15, 16, 17  
AND 18  
(PB 41, PG 69-72)

SECTION 16  
VILLADELRAY -  
SECTION 15, 16, 17  
AND 18  
(PB 41, PG 69-72)

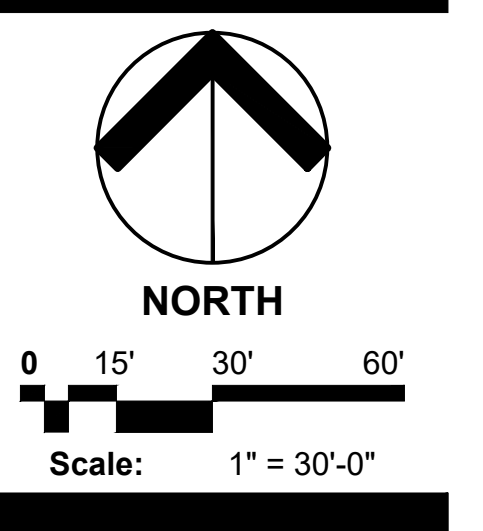
**SHEET LP-5**

**SHEET LP-3**



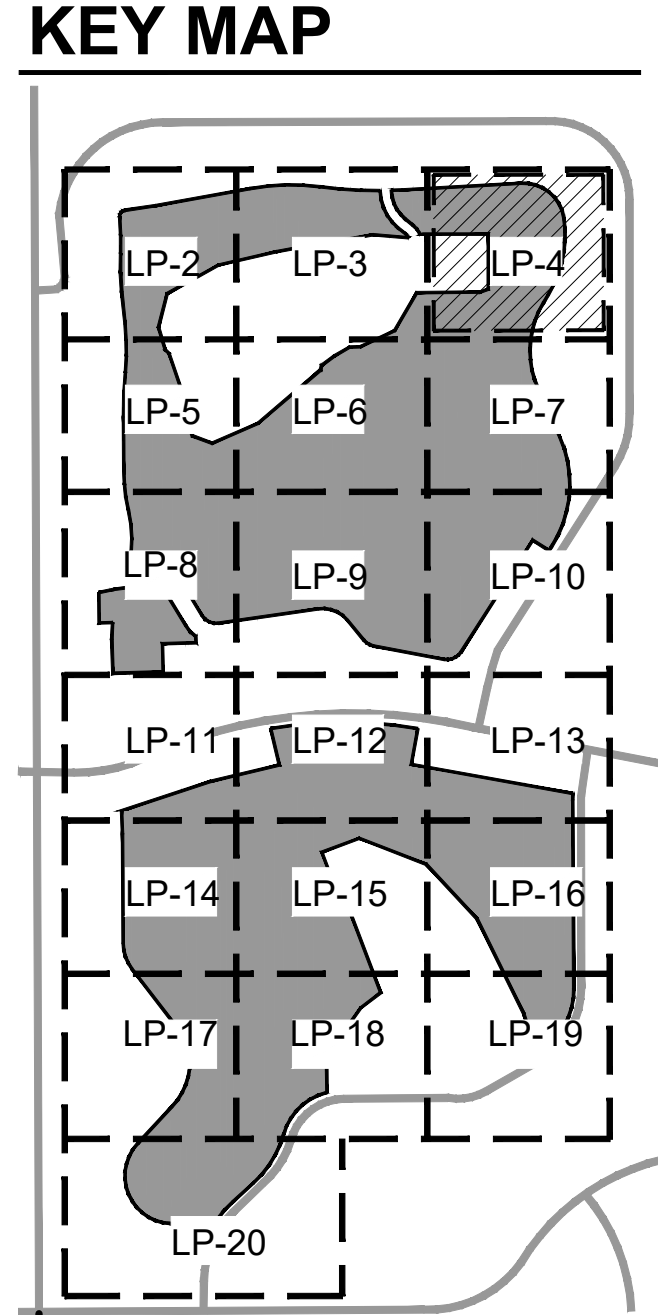
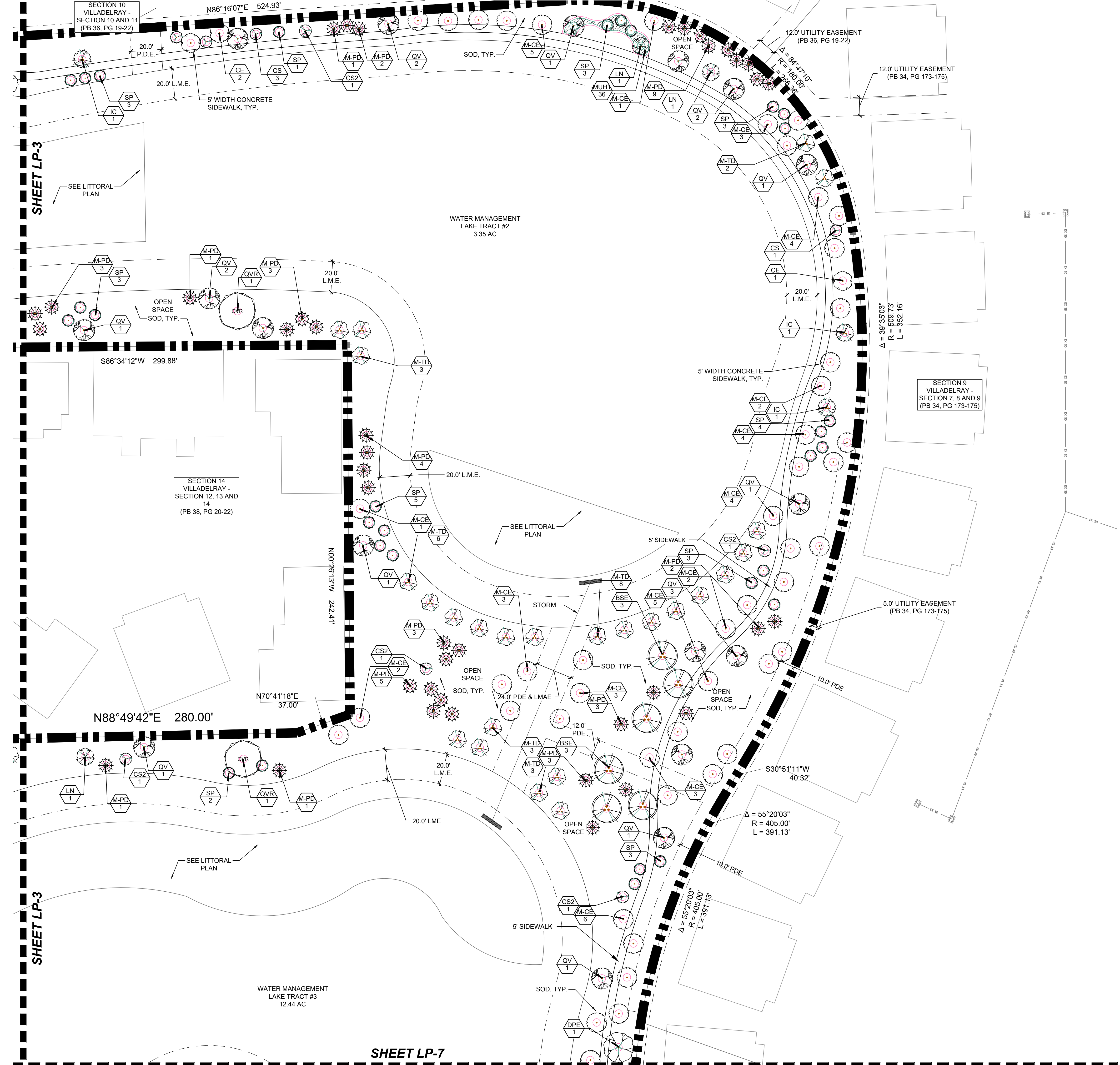
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 Palm Beach County, Florida  
 Common Area Landscape Plans



Date: 03/19/2022  
 Project No.: 15-057.000  
 Designed By: JWB  
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 Checked By: JWB/WJT  
 Revision Dates:  
 2022-08-24-LMB  
 2023-01-19

**LP- 3**  
 of 24



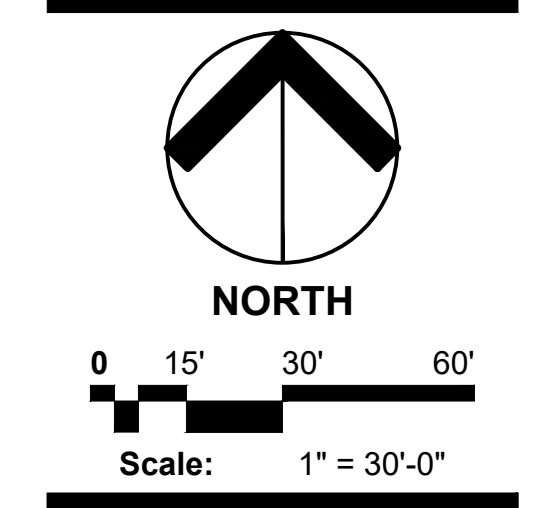
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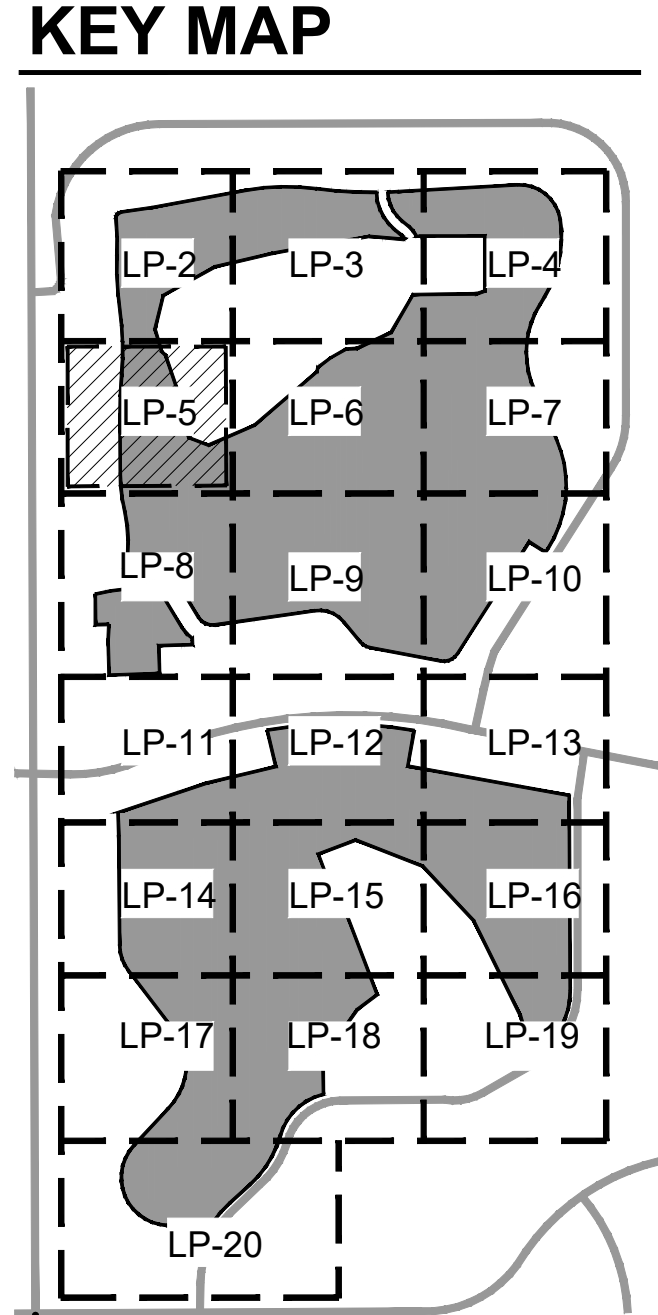
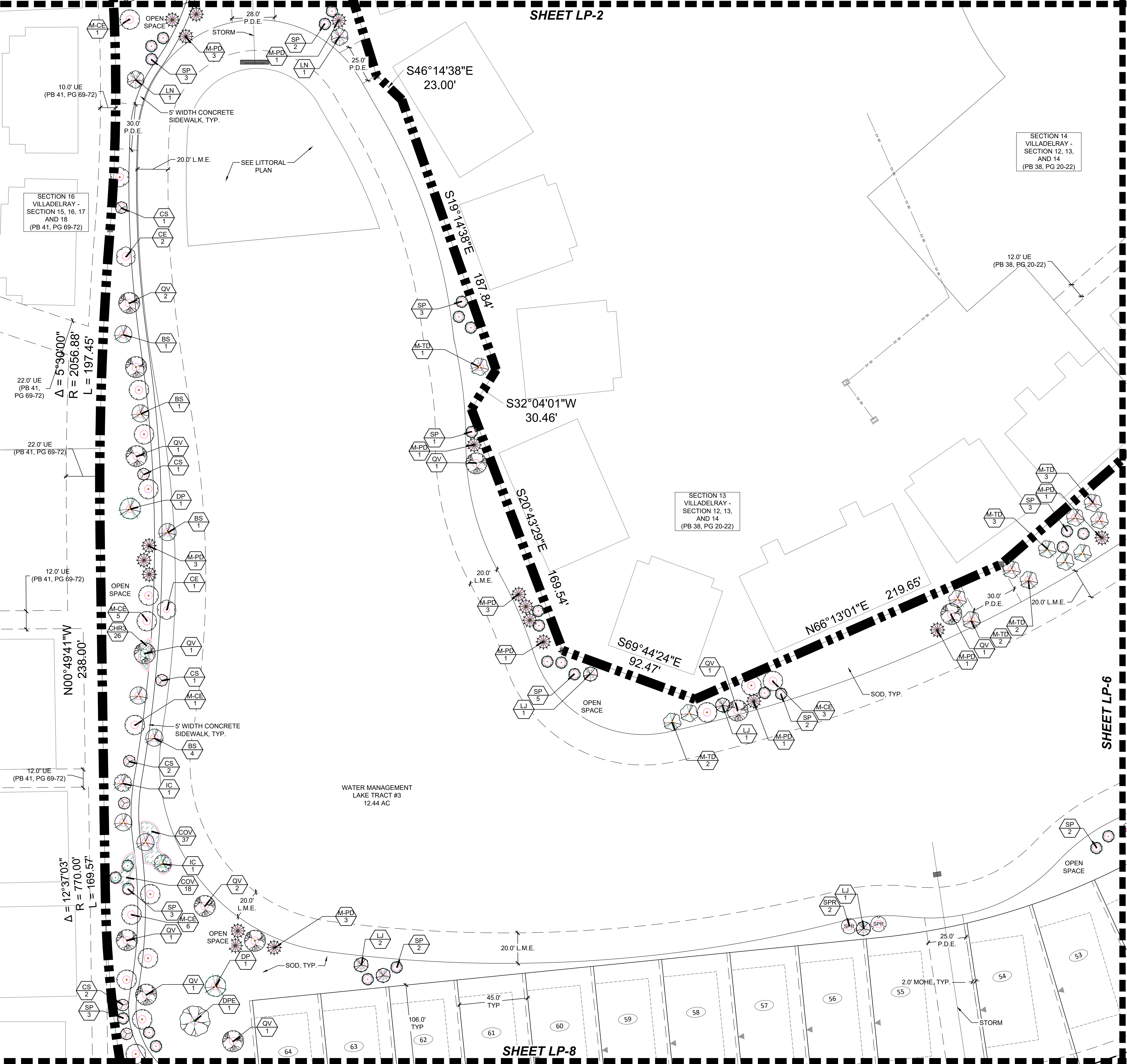
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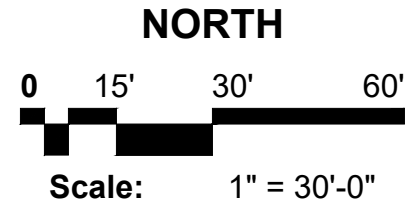
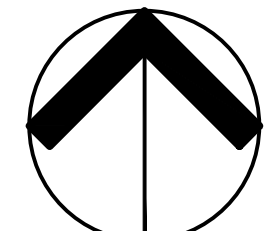
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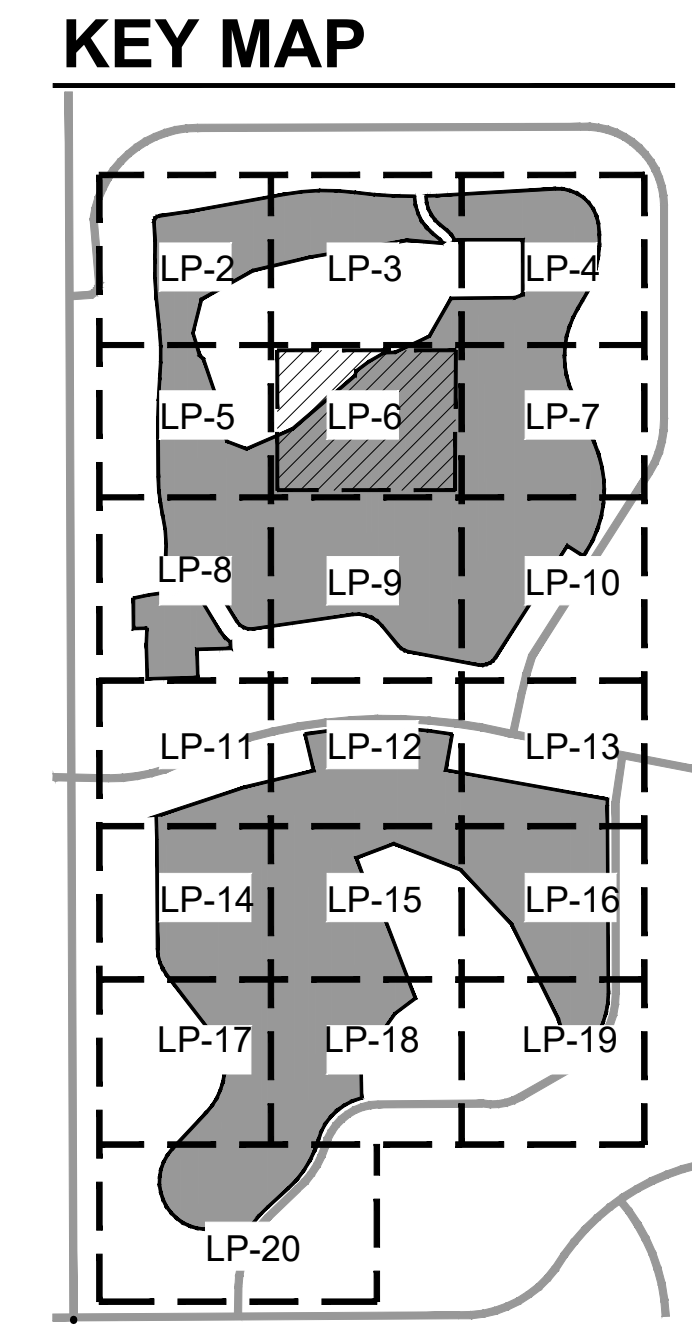
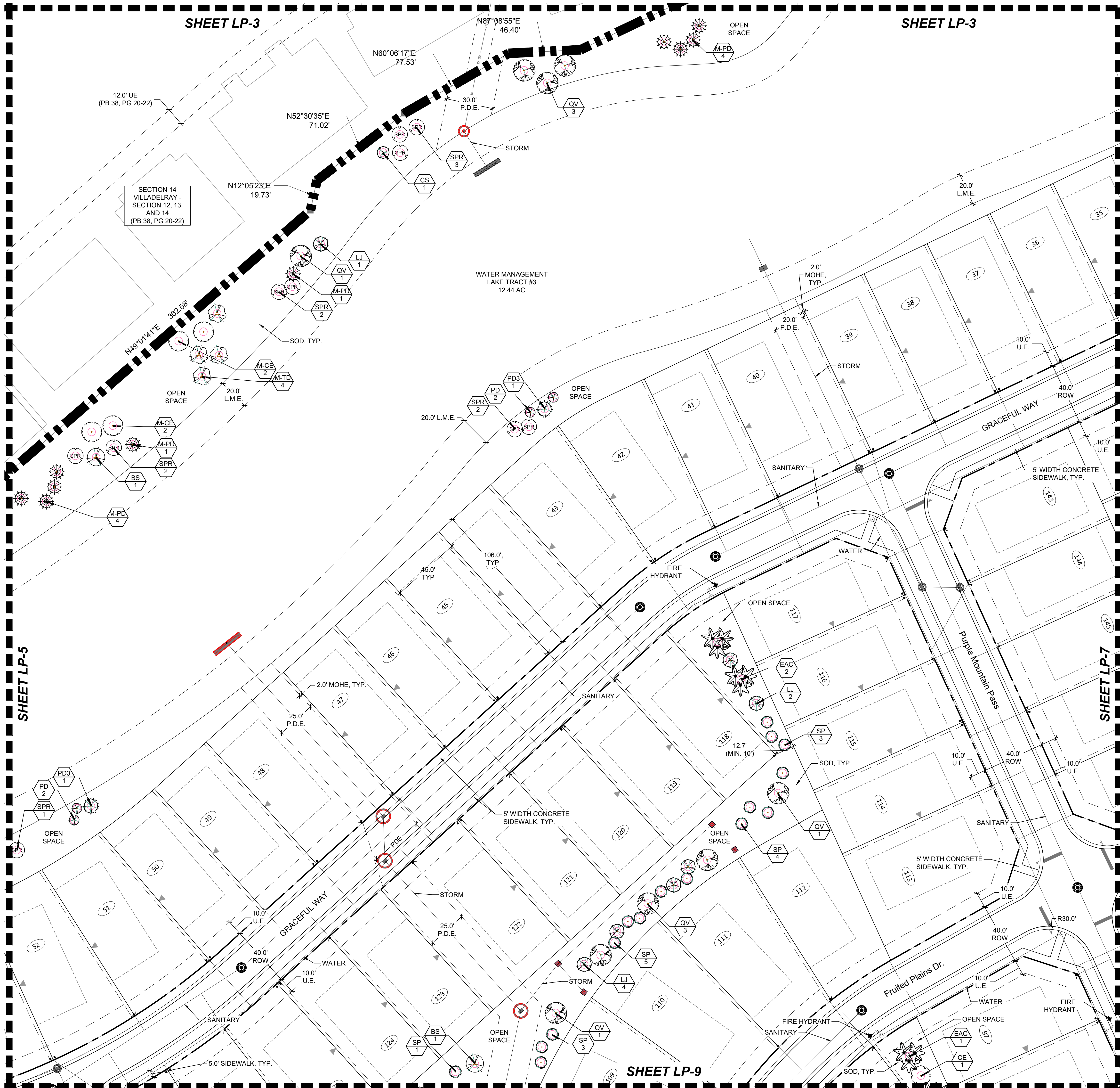
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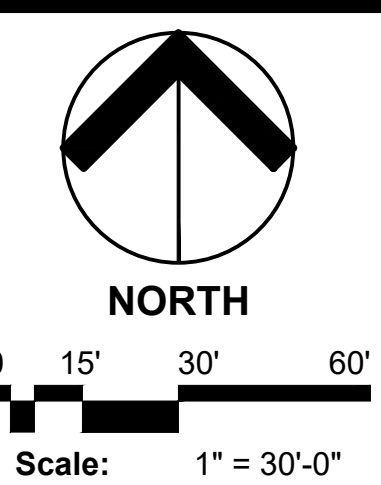
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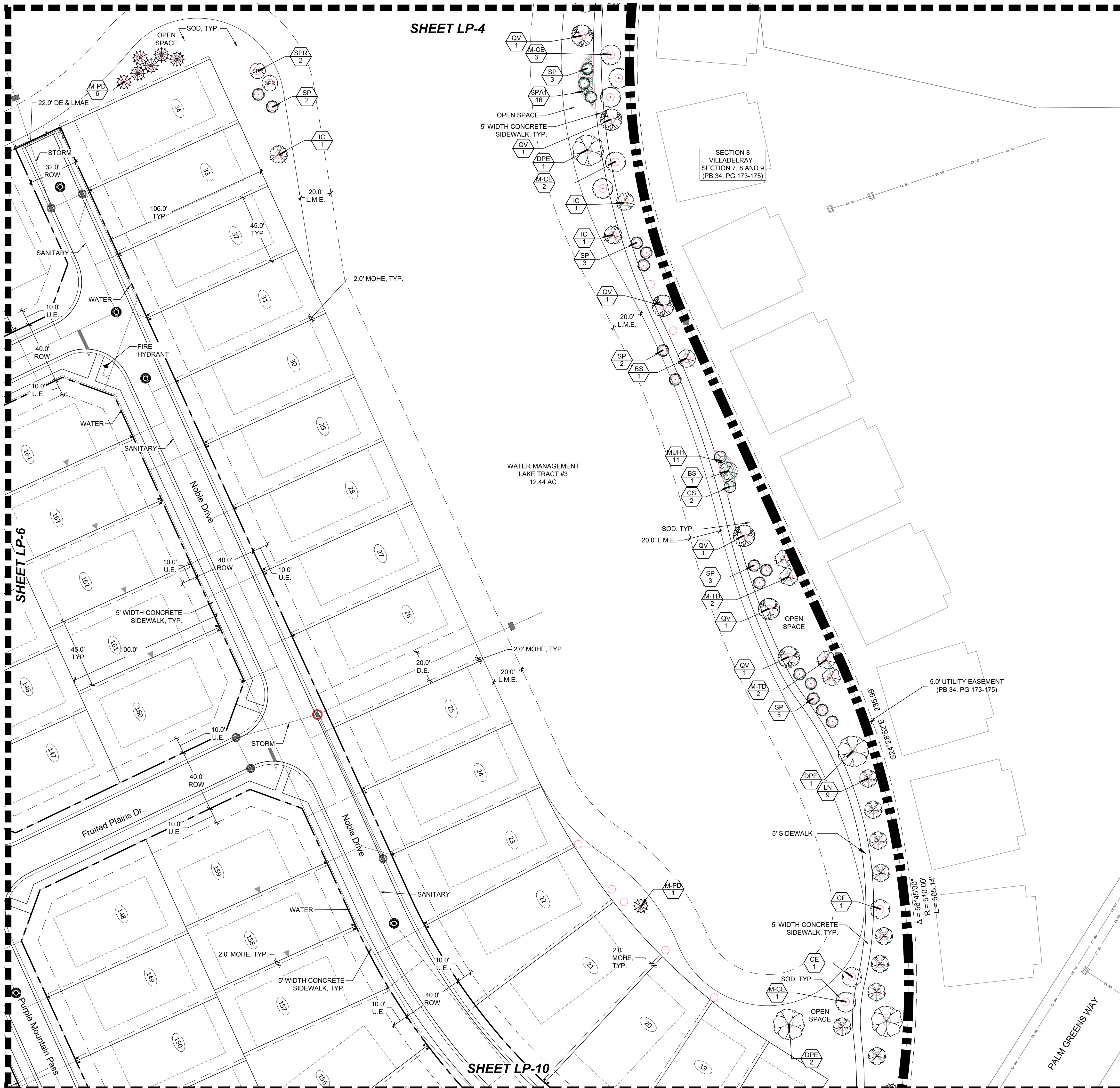
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2023-01-19



SHEET LP-4

SHEET LP-6

SHEET LP-10

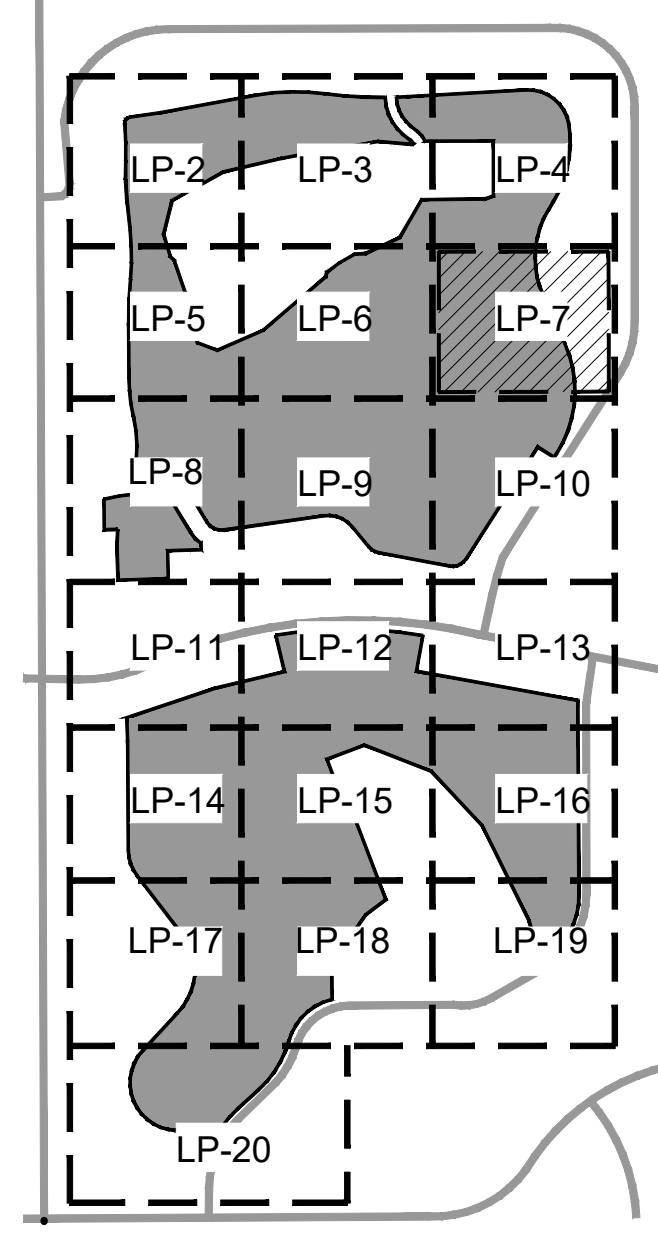
SECTION 8  
VILLADELRAY -  
SECTION 7, 8 AND 9  
(PB 34, PG 173-175)

WATER MANAGEMENT  
LAKE TRACT #3  
12.44 AC

5.0' UTILITY EASEMENT  
(PB 34, PG 173-175)

$\Delta = 56^\circ 45' 00''$   
 $R = 510.00'$   
 $L = 505.14'$

KEY MAP

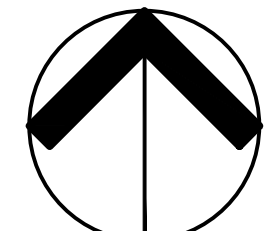


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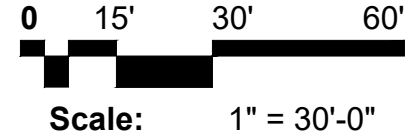
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Delray Trails at  
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Palm Beach County, Florida  
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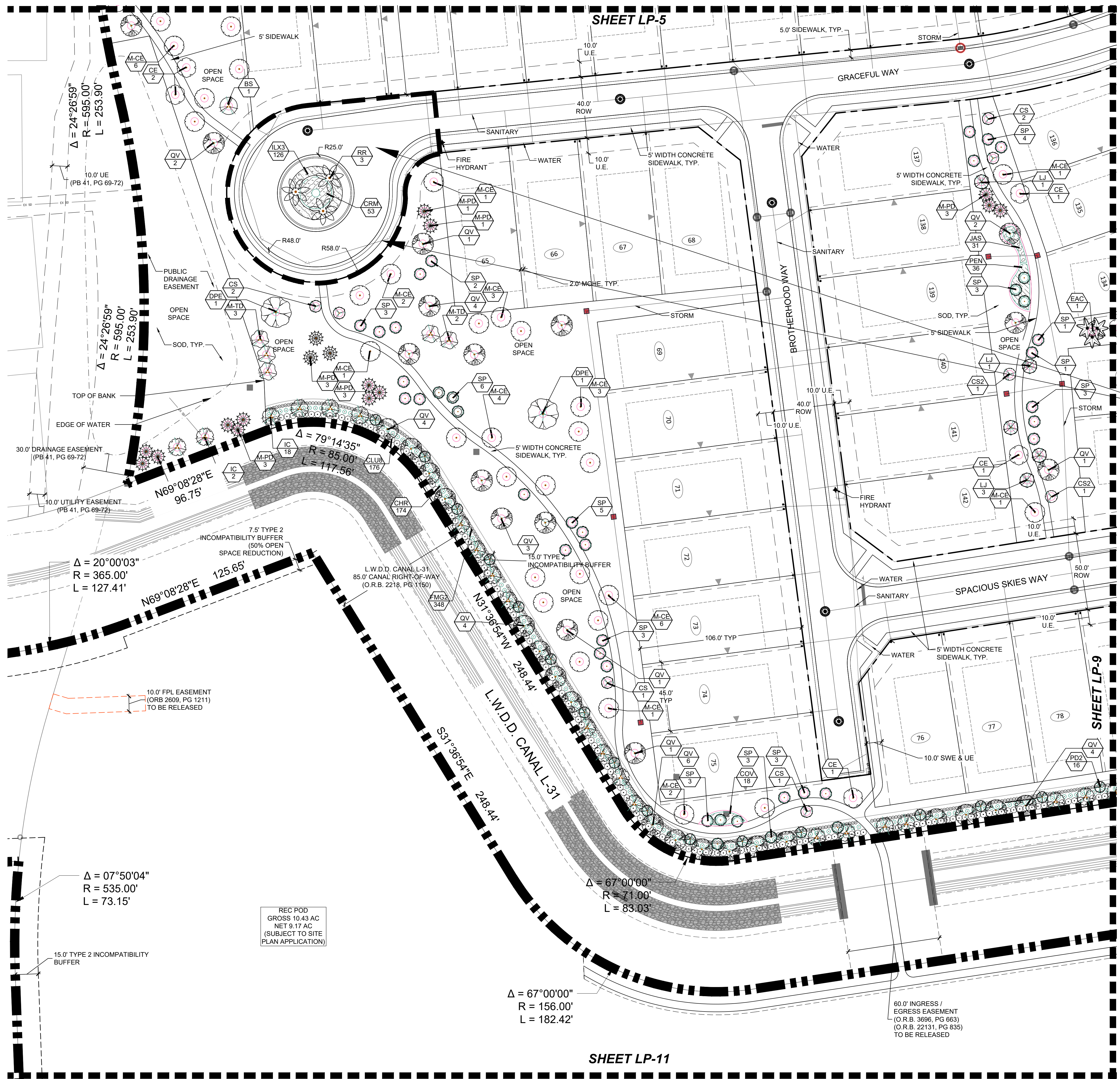
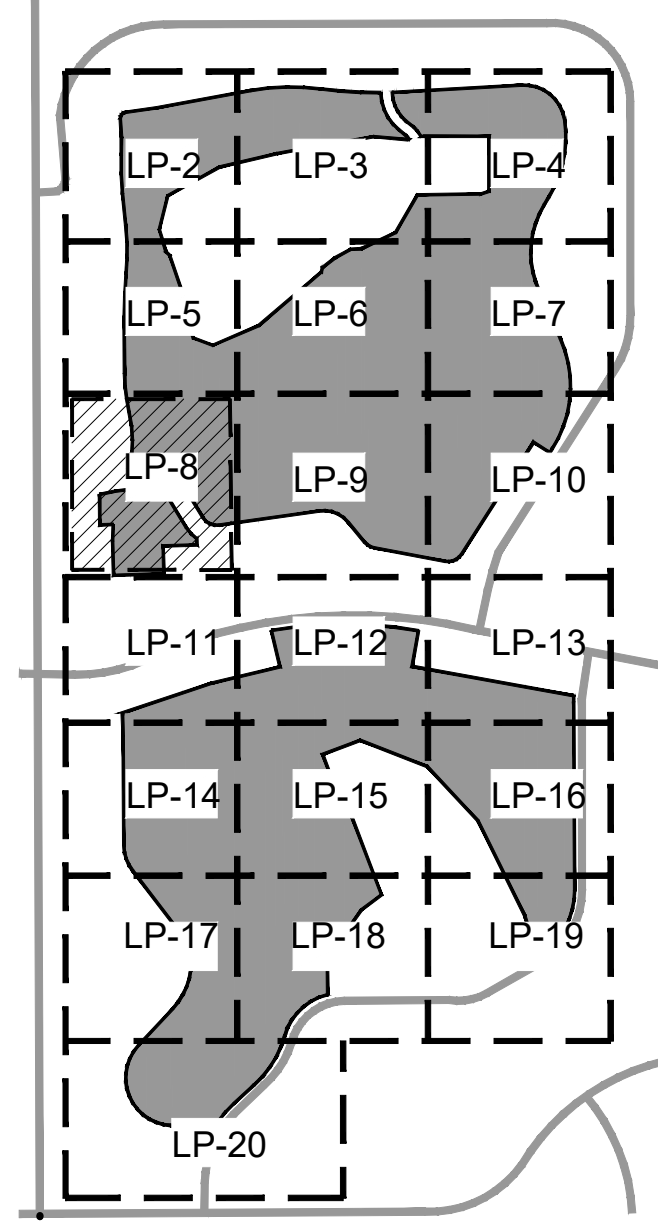
NORTH



Scale: 1" = 30'-0"

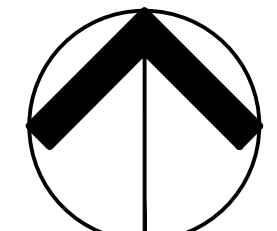
Date: 03/19/2022  
Project No.: 15-057.000  
Designed By: JWB  
Drawn By: JWB  
Checked By: JWB/WJT

Revision Dates:  
2022-08-24-LMB  
2023-01-19

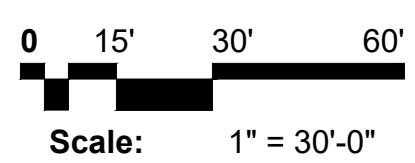


TO BE REVIEWED WITH STREETSCAPE PLANS

Delray Trails at Villa Delray PUD Palm Beach County, Florida Common Area Landscape Plans



NORTH



Scale: 1" = 30'-0"

Date: 03/19/2022 Project No.: 15-057.000 Designed By: JWB Drawn By: JWB Checked By: JWB/WJT

Revision Dates: 2022-08-24-LMB 2023-01-19

REC POD GROSS 10.43 AC NET 9.17 AC (SUBJECT TO SITE PLAN APPLICATION)

60.0' INGRESS / EGRESS EASEMENT (O.R.B. 3696, PG 663) (O.R.B. 22131, PG 835) TO BE RELEASED

Δ = 07°50'04" R = 535.00' L = 73.15'

Δ = 67°00'00" R = 156.00' L = 182.42'

Δ = 67°00'00" R = 71.00' L = 83.03'

Δ = 20°00'03" R = 365.00' L = 127.41'

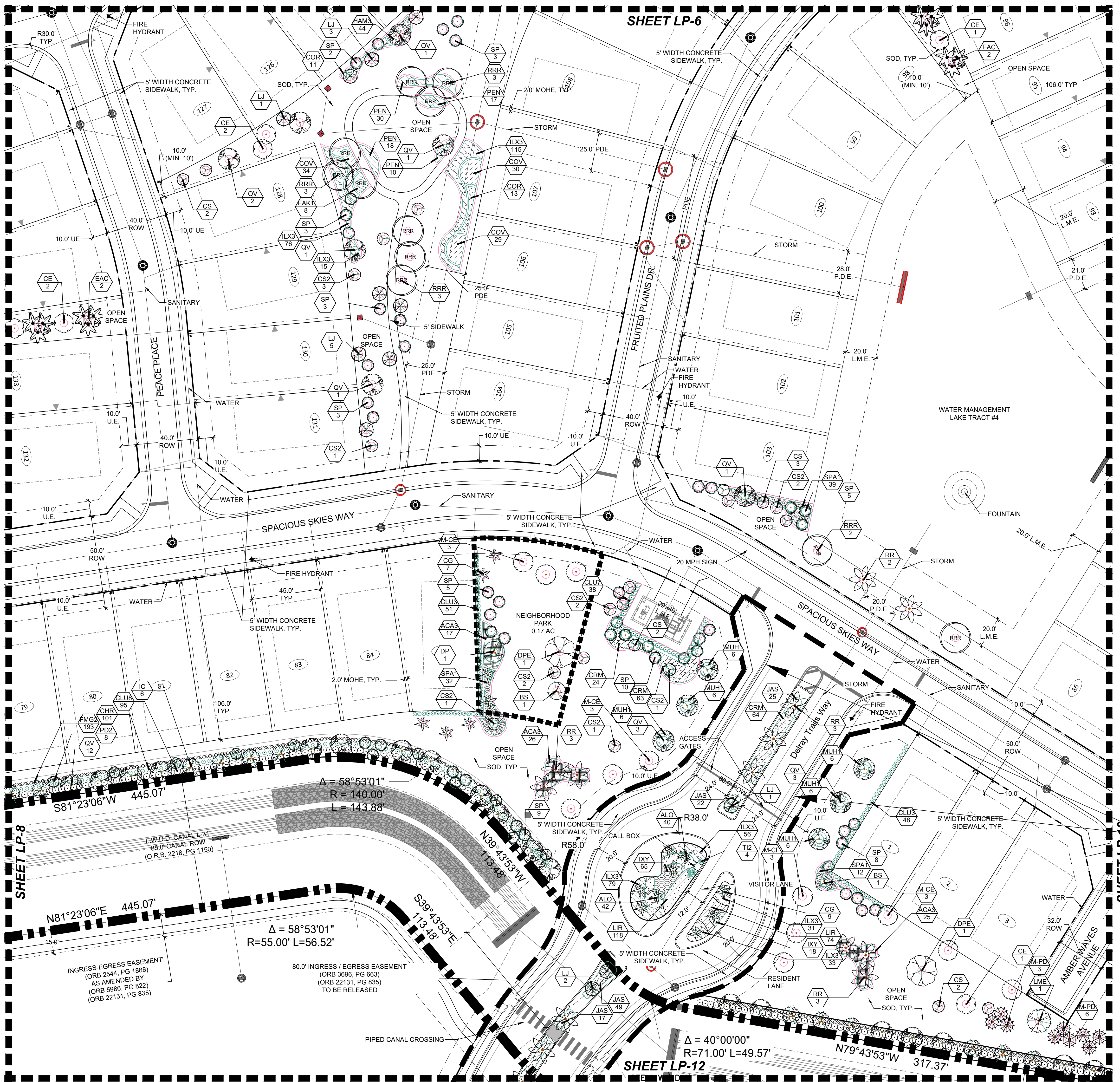
Δ = 79°14'35" R = 85.00' L = 117.56'

Δ = 24°26'59" R = 595.00' L = 253.90'

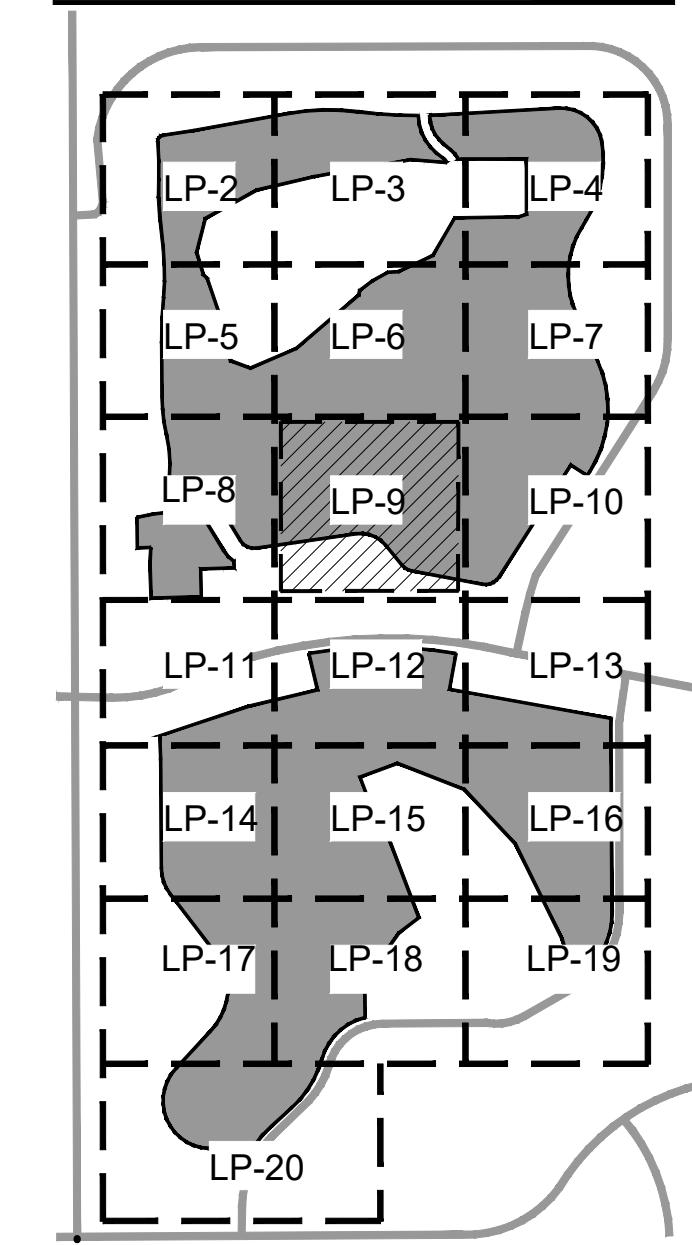
Δ = 24°26'59" R = 595.00' L = 253.90'

Δ = 24°26'59" R = 595.00' L = 253.90'





**KEY MAP**

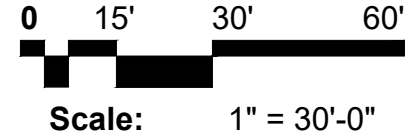
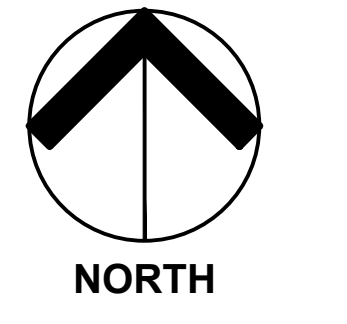


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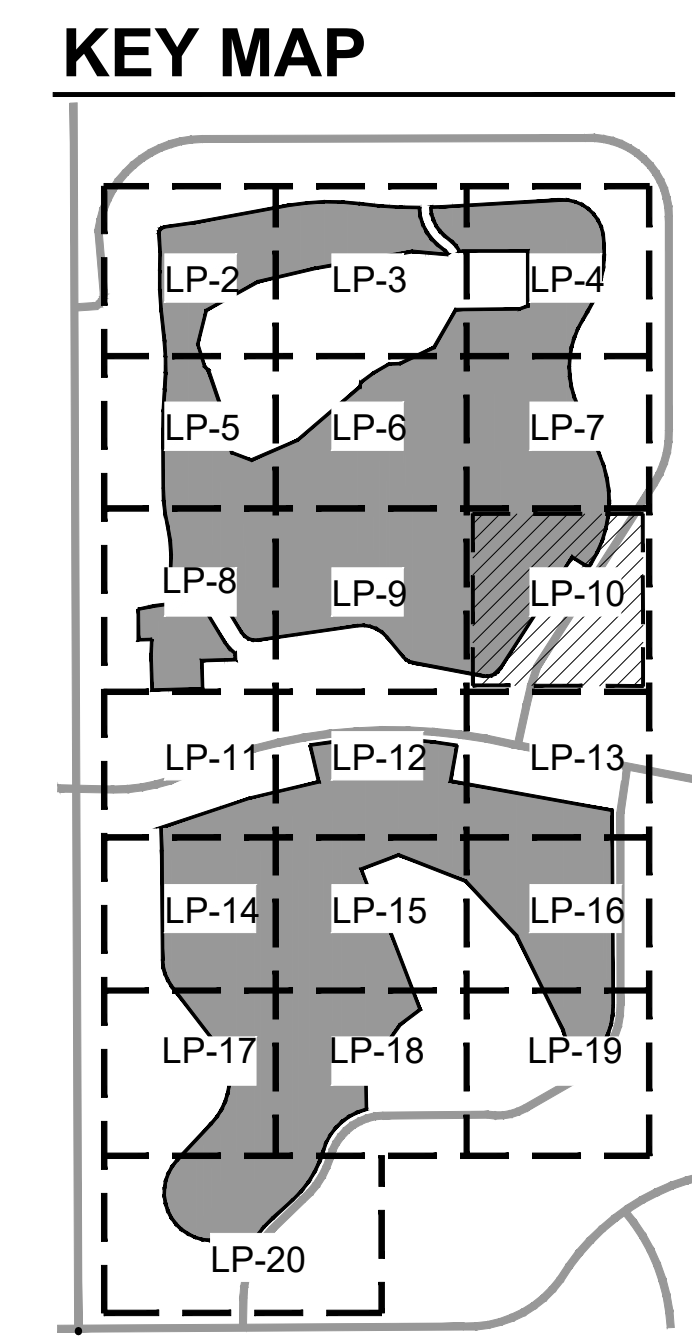
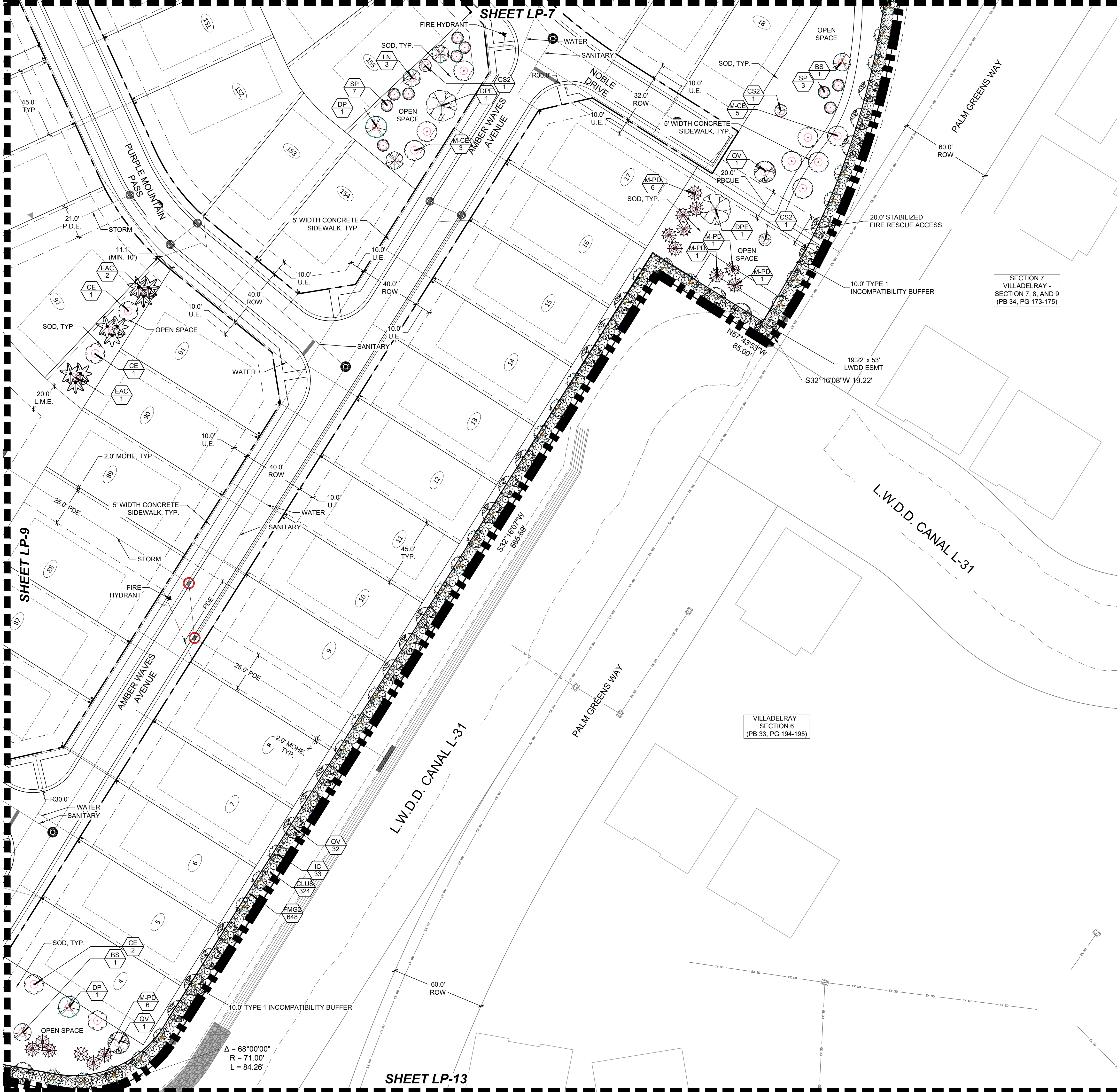
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Villa Delray PUD**  
Palm Beach County, Florida  
Common Area Landscape Plans



Date: 03/19/2022  
Project No.: 15-057.000  
Designed By: JWB  
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**Revision Dates:**  
2022-08-24-LMB  
2023-01-19



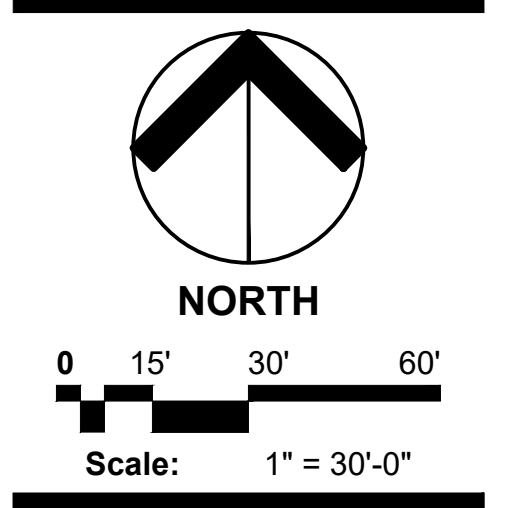
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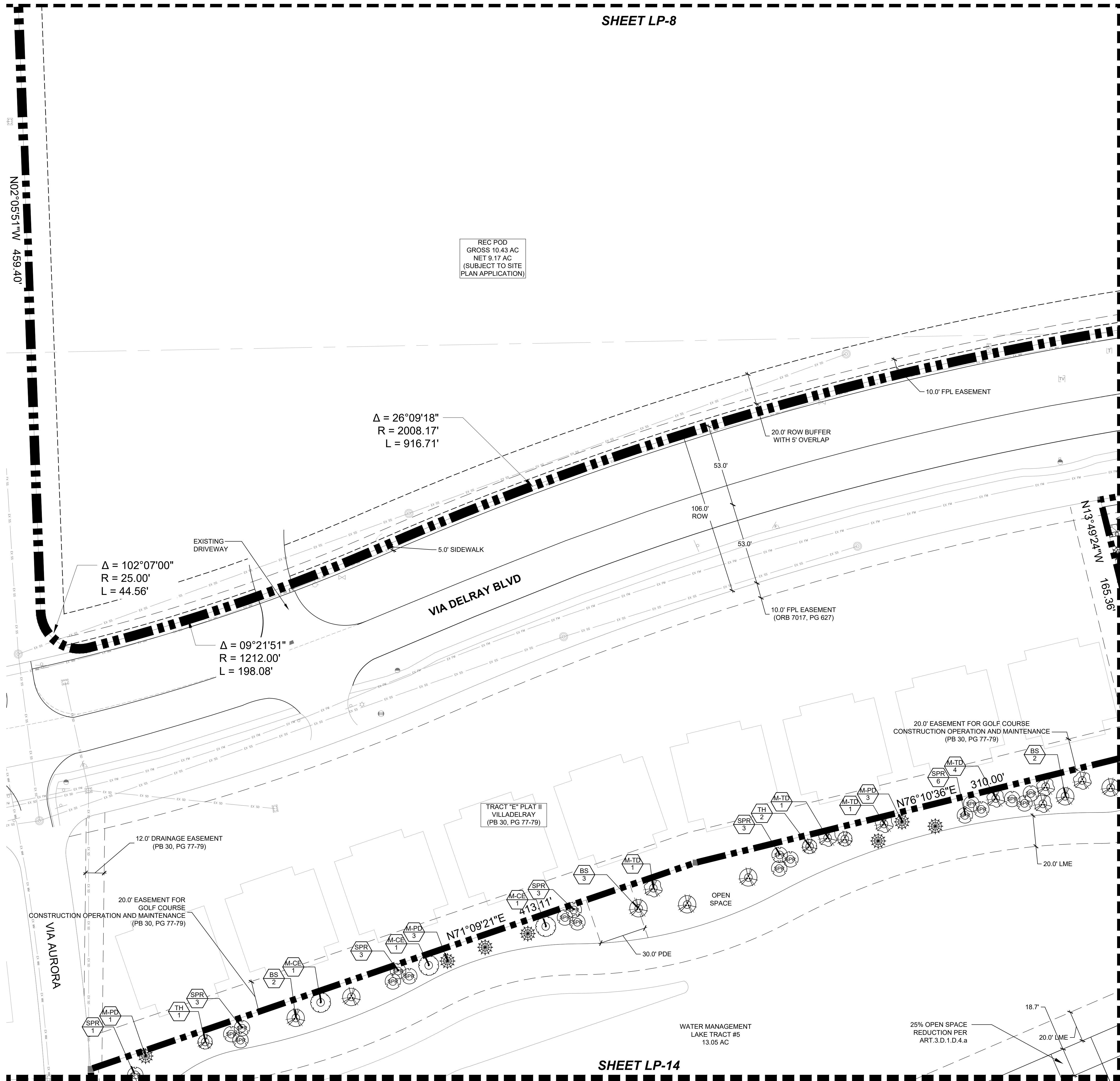
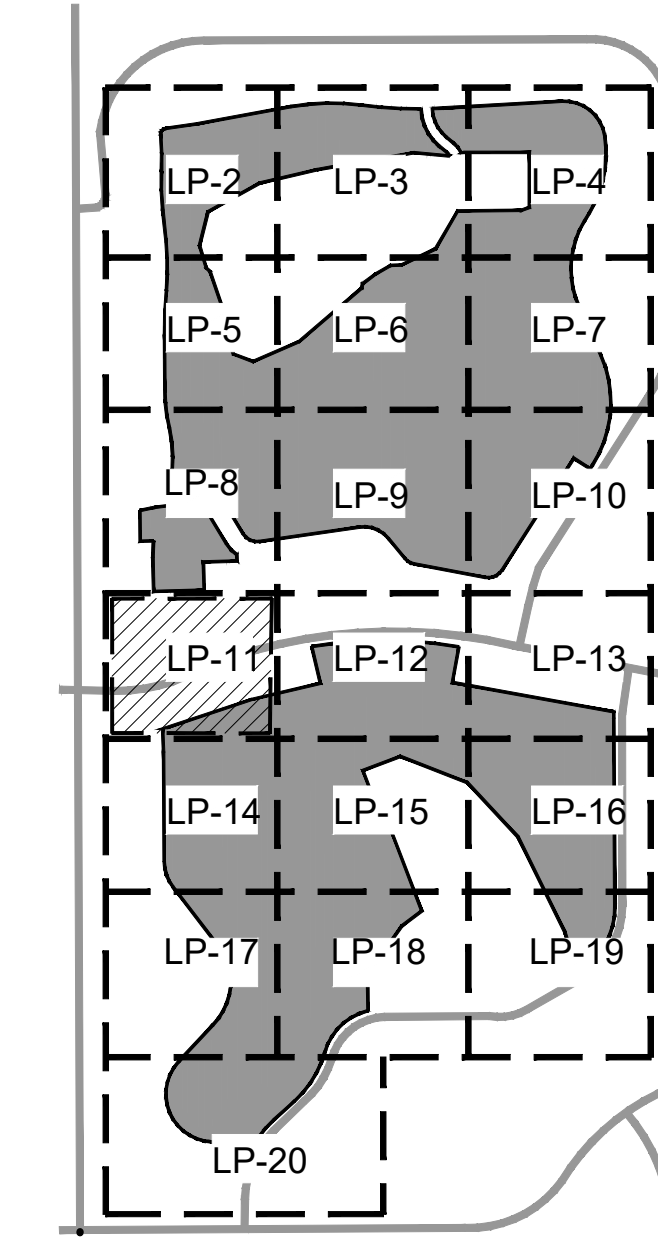
**Delray Trails at Villa Delray PUD**  
 Palm Beach County, Florida  
 Common Area Landscape Plans



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**Revision Dates:**

2022-08-24-LMB  
 2023-01-19



REC POD  
GROSS 10.43 AC  
NET 9.17 AC  
(SUBJECT TO SITE  
PLAN APPLICATION)

$\Delta = 26^{\circ}09'18''$   
 $R = 2008.17'$   
 $L = 916.71'$

$\Delta = 102^{\circ}07'00''$   
 $R = 25.00'$   
 $L = 44.56'$

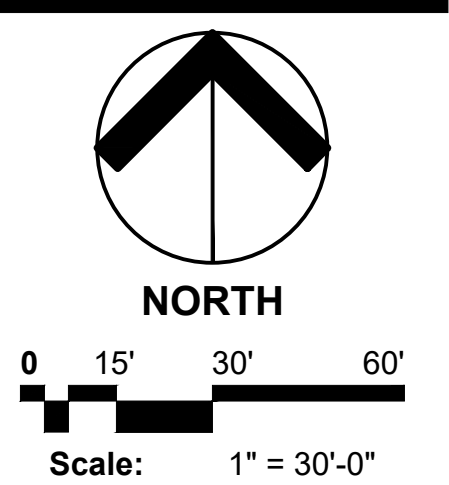
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 $R = 1212.00'$   
 $L = 198.08'$

TRACT "E" PLAT II  
VILLADELAY  
(PB 30, PG 77-79)

WATER MANAGEMENT  
LAKE TRACT #5  
13.05 AC

25% OPEN SPACE  
REDUCTION PER  
ART.3.D.1.D.4.a

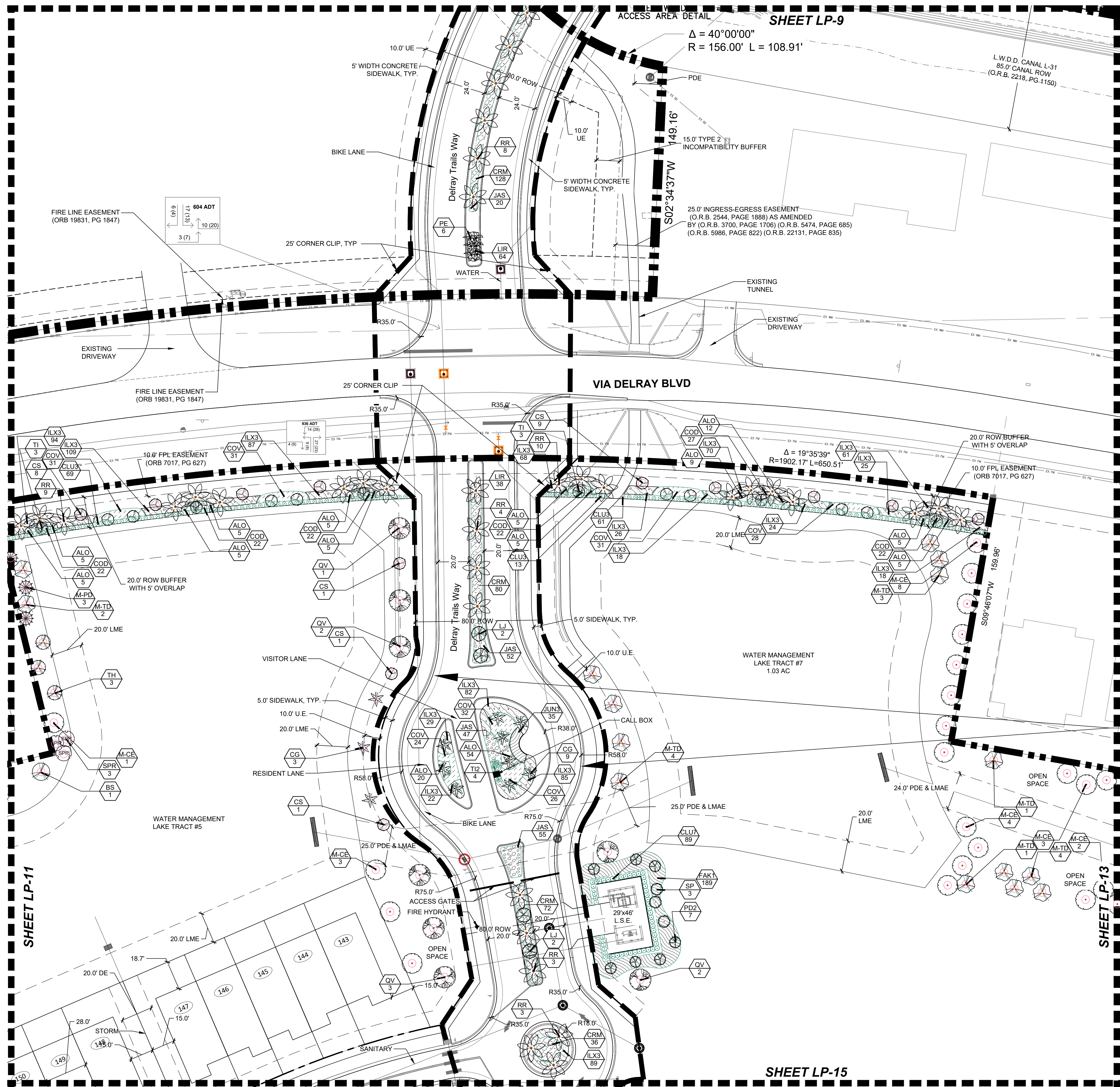
**Delray Trails at  
Villa Delray PUD**  
Palm Beach County, Florida  
Common Area Landscape Plans



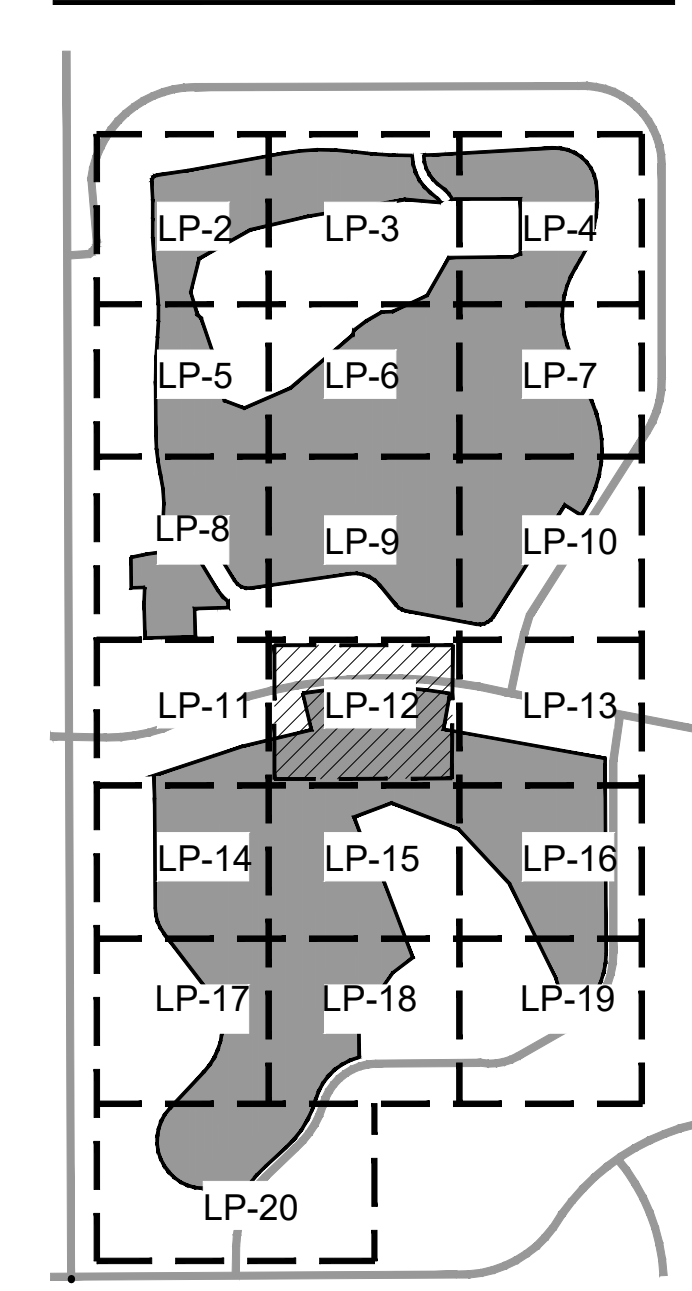
Date: 03/19/2022  
Project No.: 15-057.000  
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Checked By: JWB/WJT

Revision Dates:

2022-08-24-LMB
2023-01-19



**KEY MAP**



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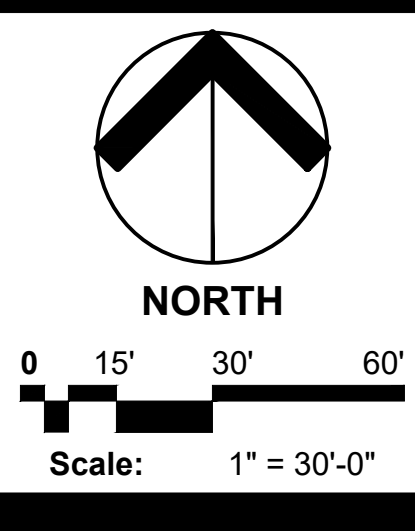
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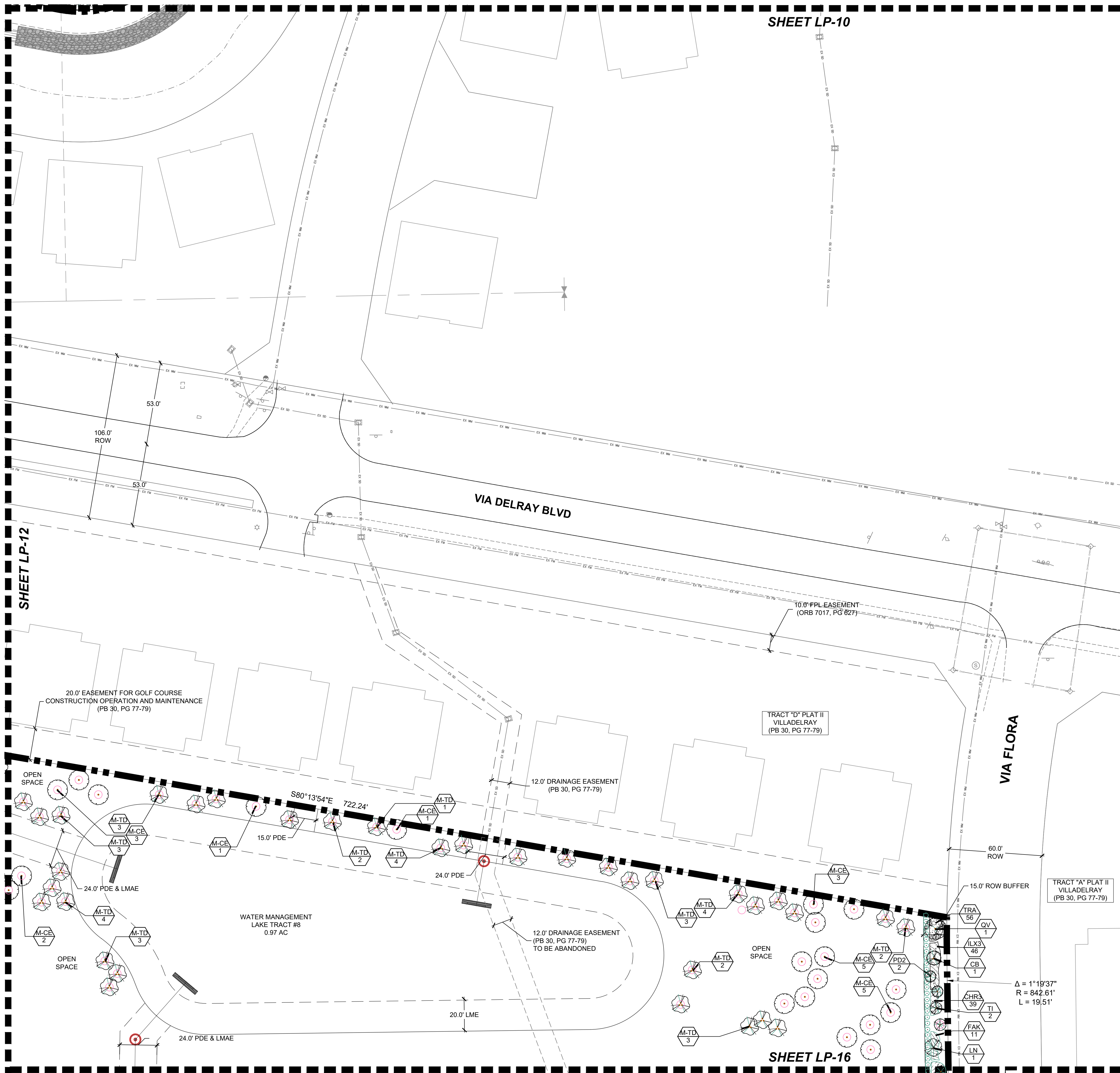
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Common Area Landscape Plans

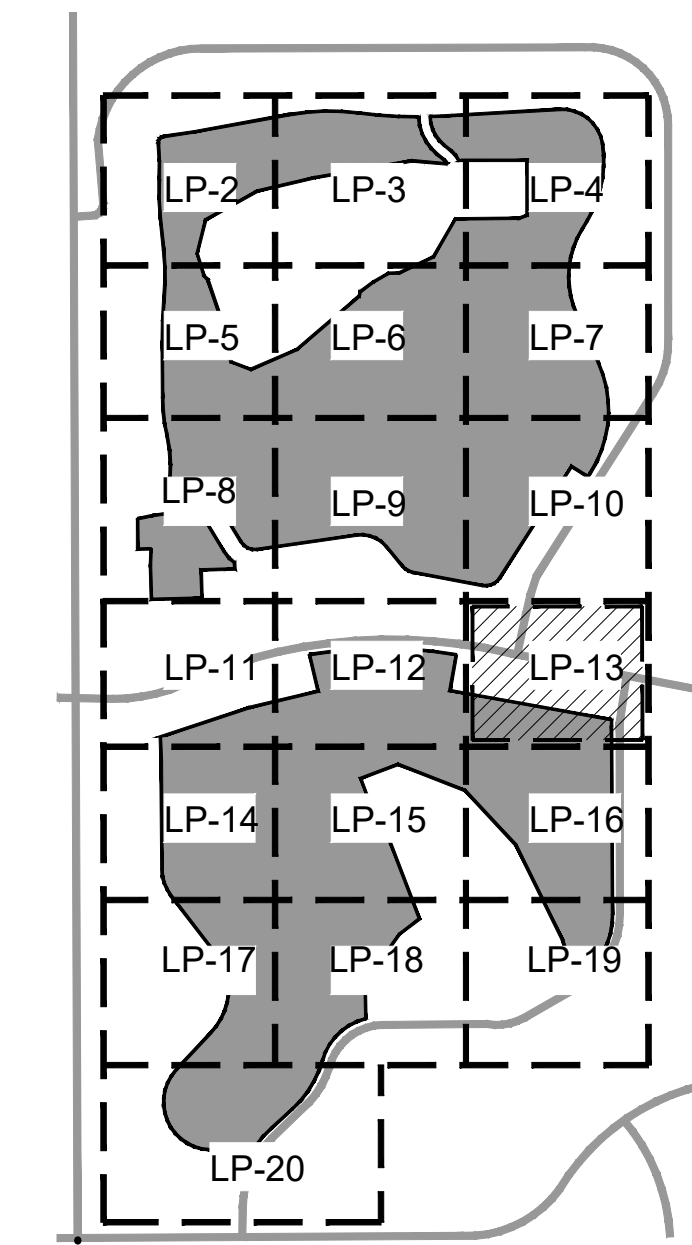
TO BE REVIEWED  
WITH STREETScape  
PLANS



Date:	03/19/2022
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Designed By:	JWB
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Checked By:	JWB/WJT
<b>Revision Dates:</b>	
	2022-08-24-LMB
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**KEY MAP**

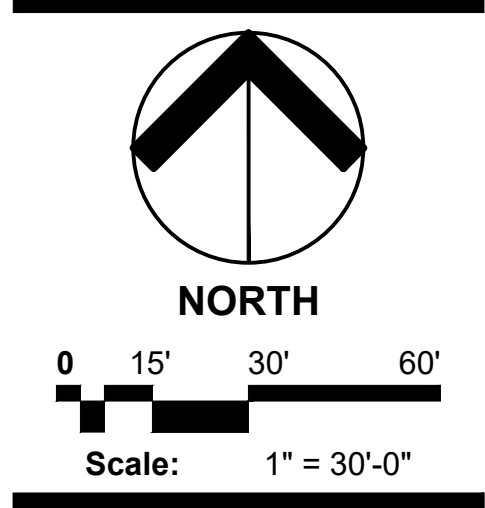


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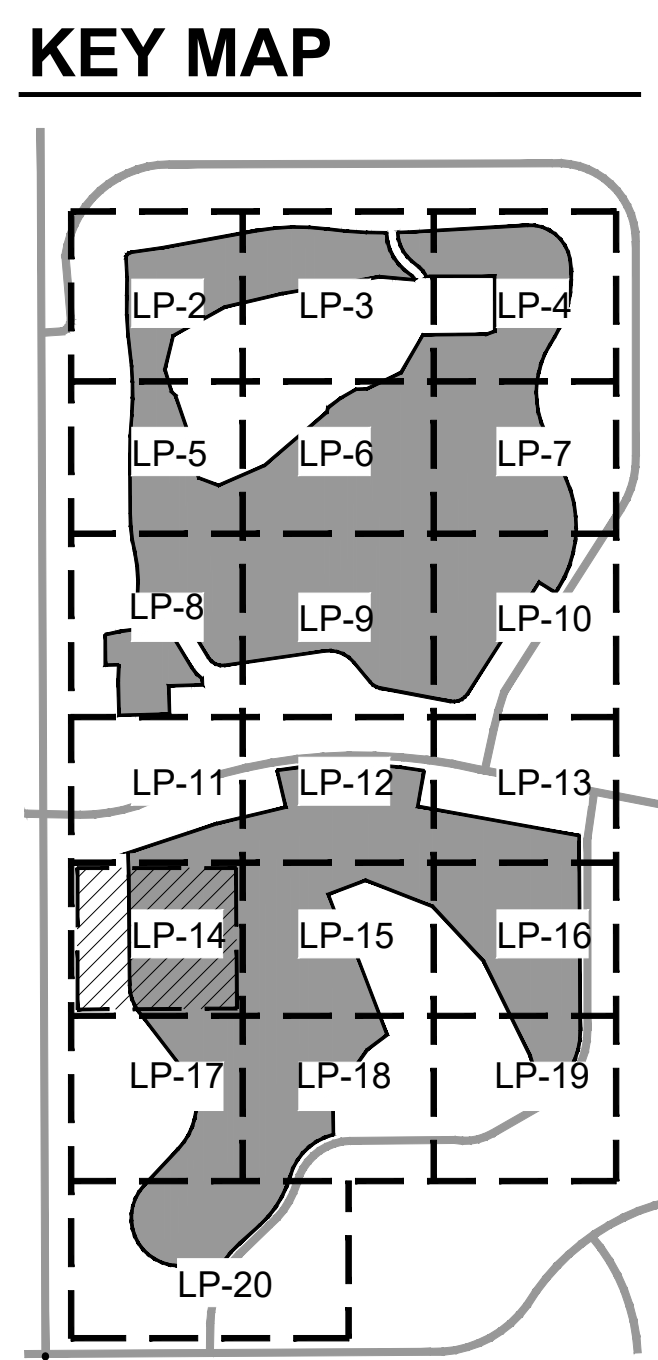
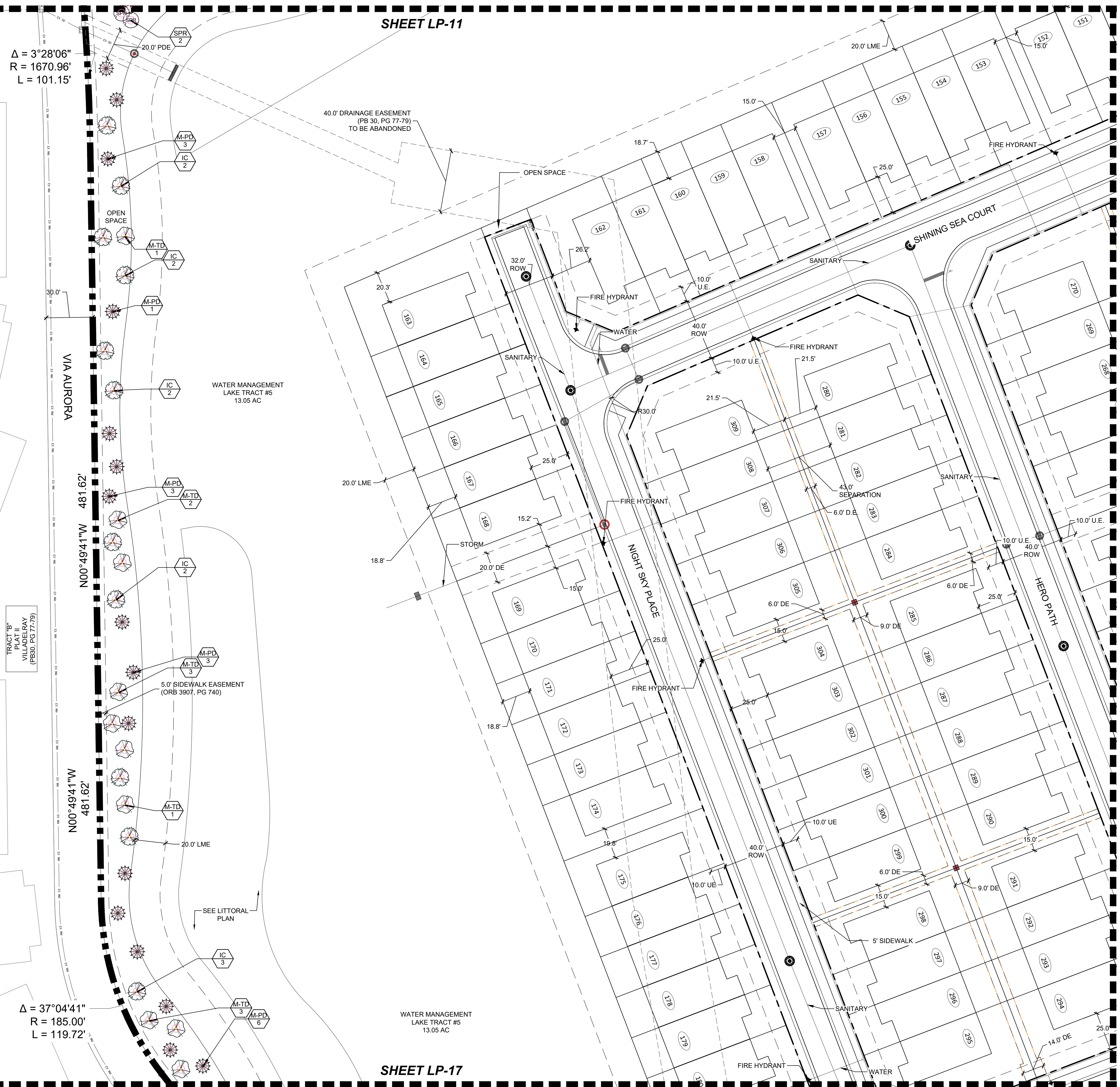
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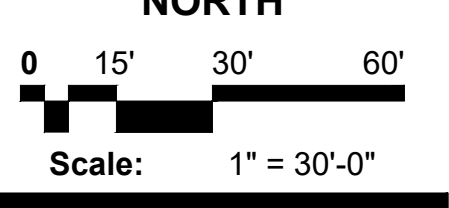
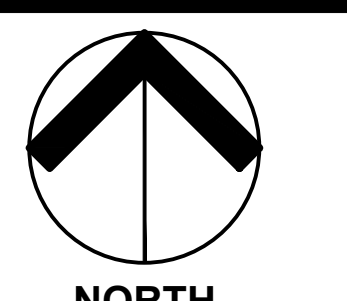
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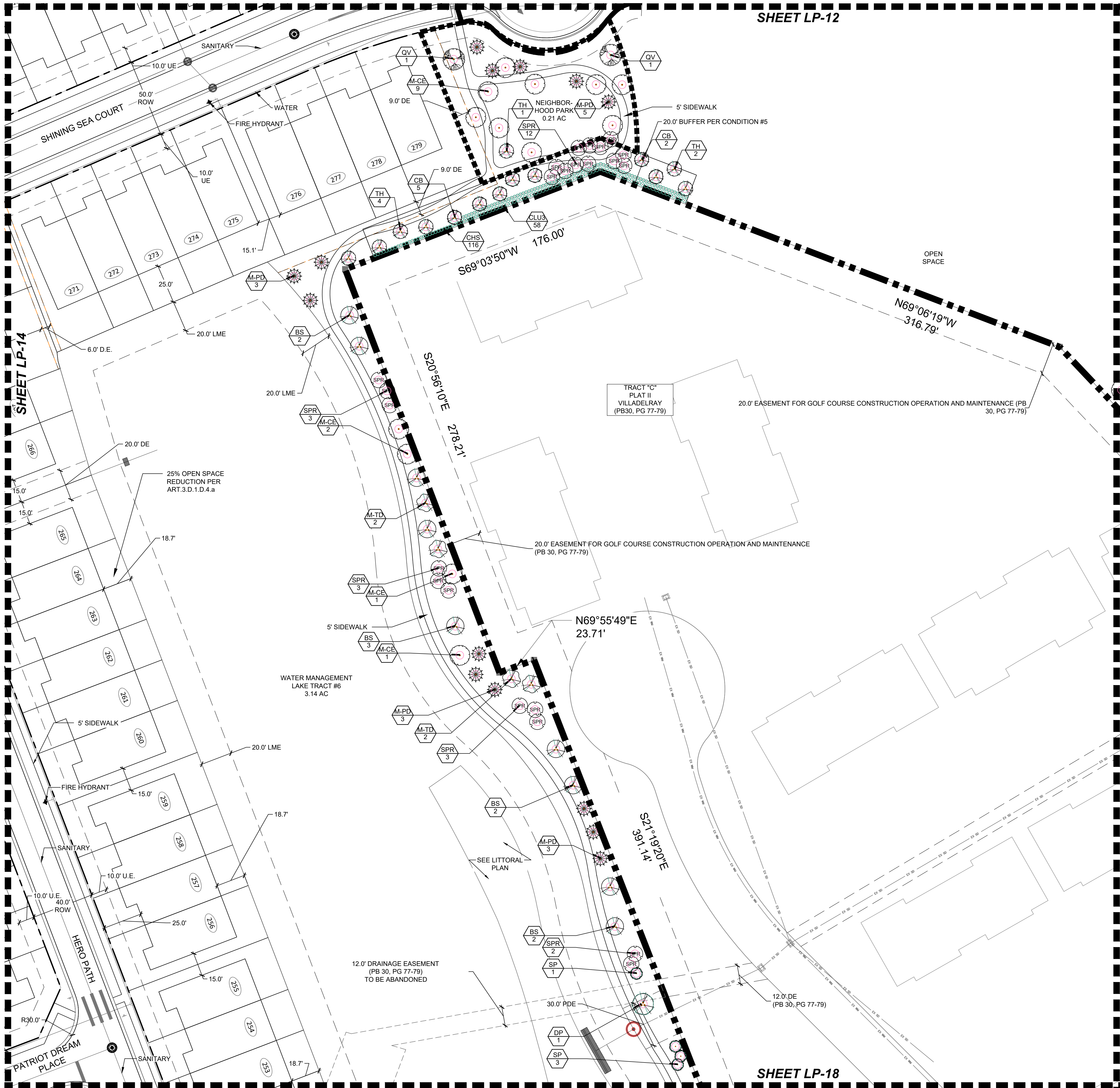
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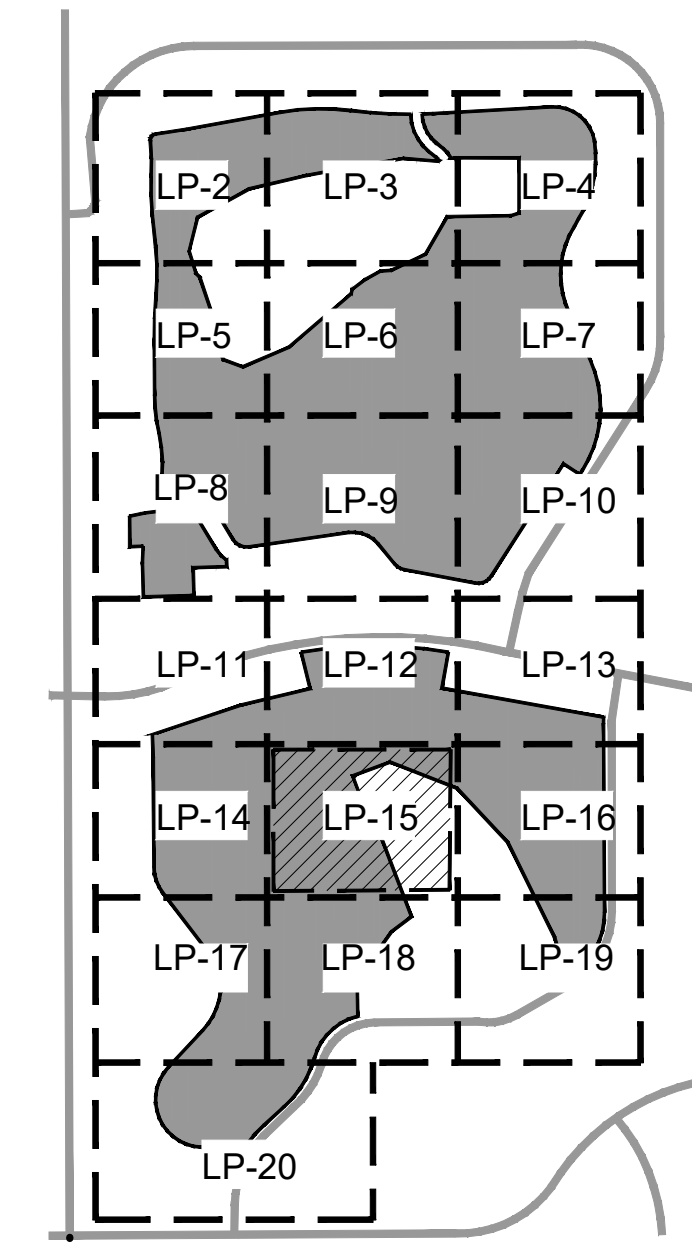
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SHEET LP-12

KEY MAP



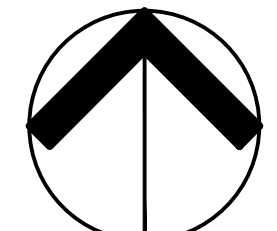
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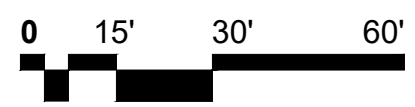
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Delray Trails at  
Villa Delray PUD  
Palm Beach County, Florida  
Common Area Landscape Plans



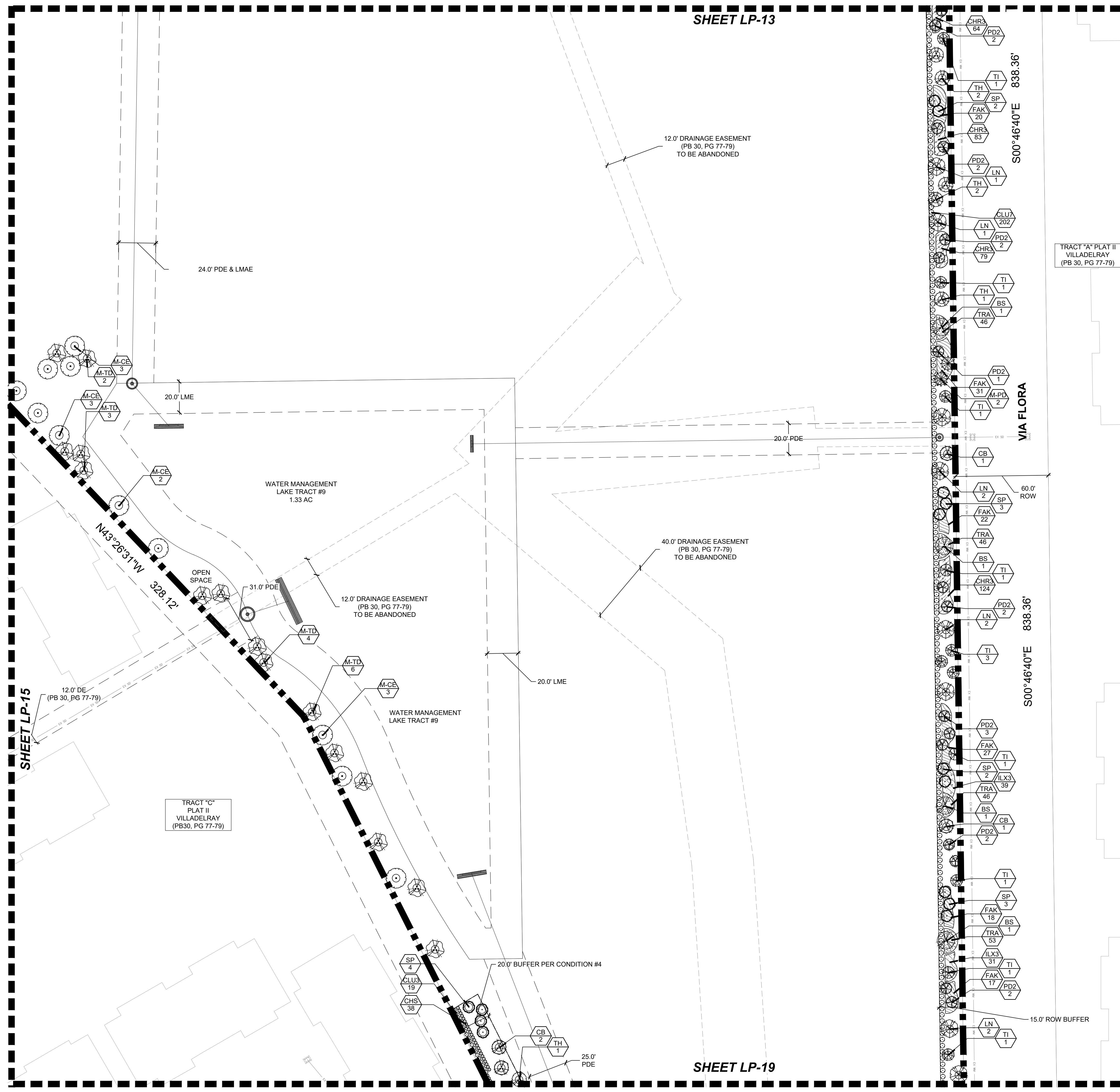
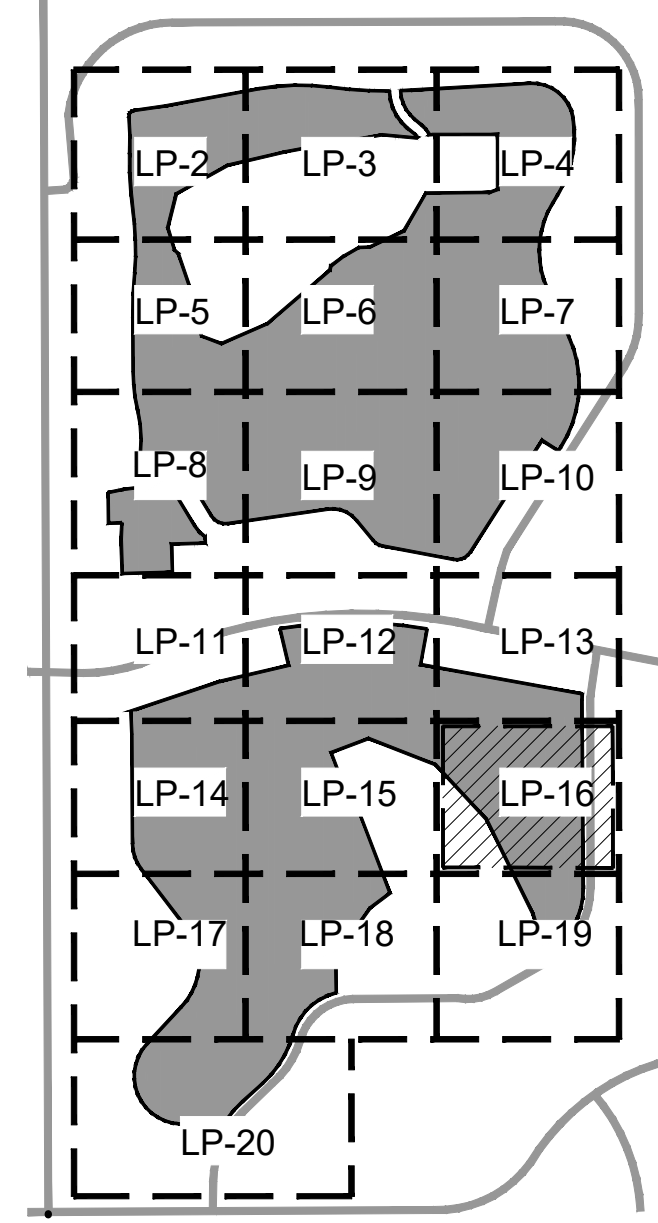
NORTH



Scale: 1" = 30'-0"

Date: 03/19/2022  
Project No.: 15-057.000  
Designed By: JWB  
Drawn By: JWB  
Checked By: JWB/WJT

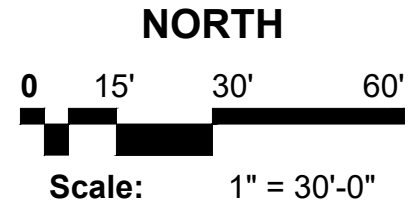
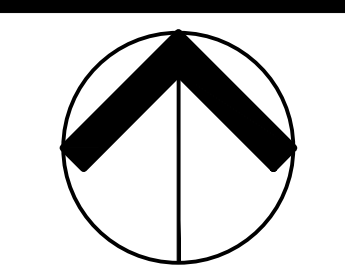
Revision Dates:  
2022-08-24-LMB  
2023-01-19



TRACT "A" PLAT II VILLADELRAY (PB 30, PG 77-79)

TRACT "C" PLAT II VILLADELRAY (PB30, PG 77-79)

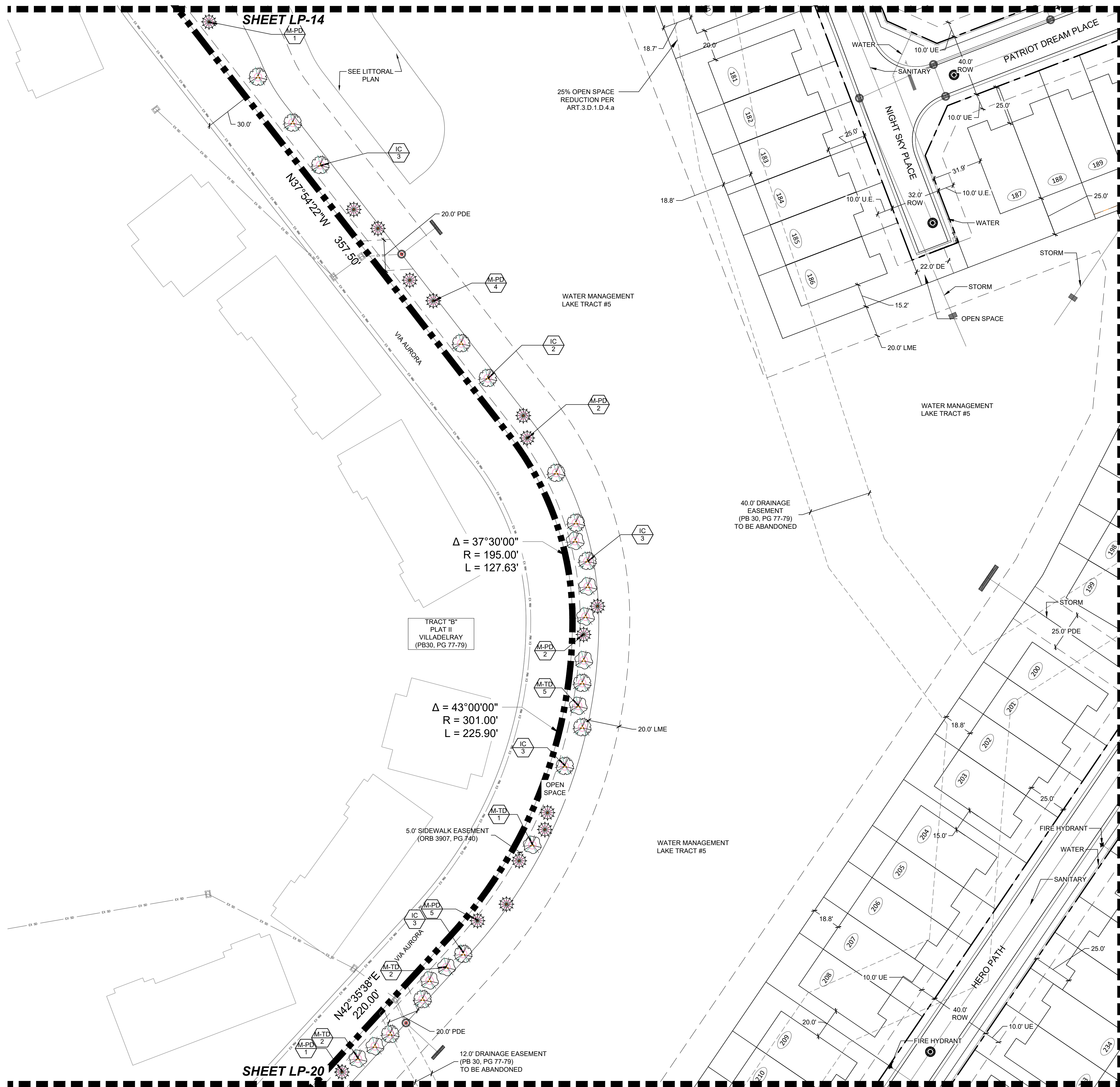
Delray Trails at Villa Delray PUD Palm Beach County, Florida Common Area Landscape Plans



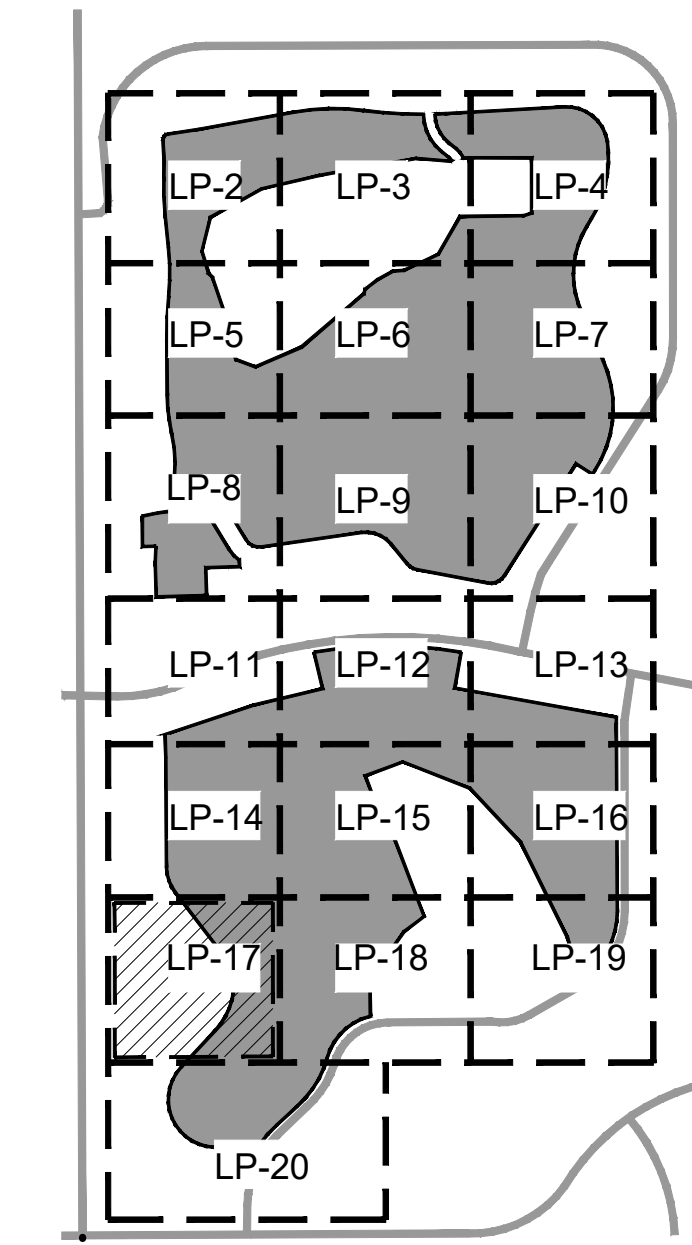
Date: 03/19/2022 Project No.: 15-057.000 Designed By: JWB Drawn By: JWB Checked By: JWB/WJT

Revision Dates table with columns for date and description.





**KEY MAP**

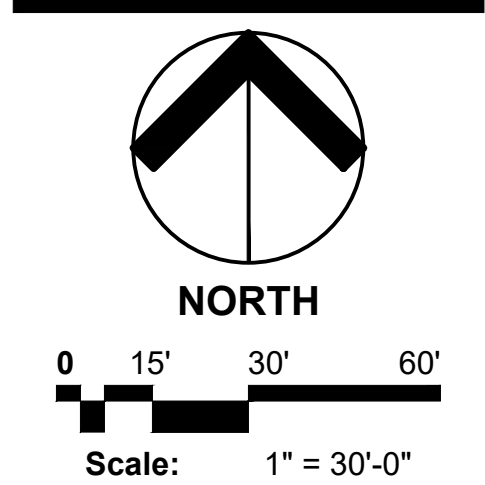


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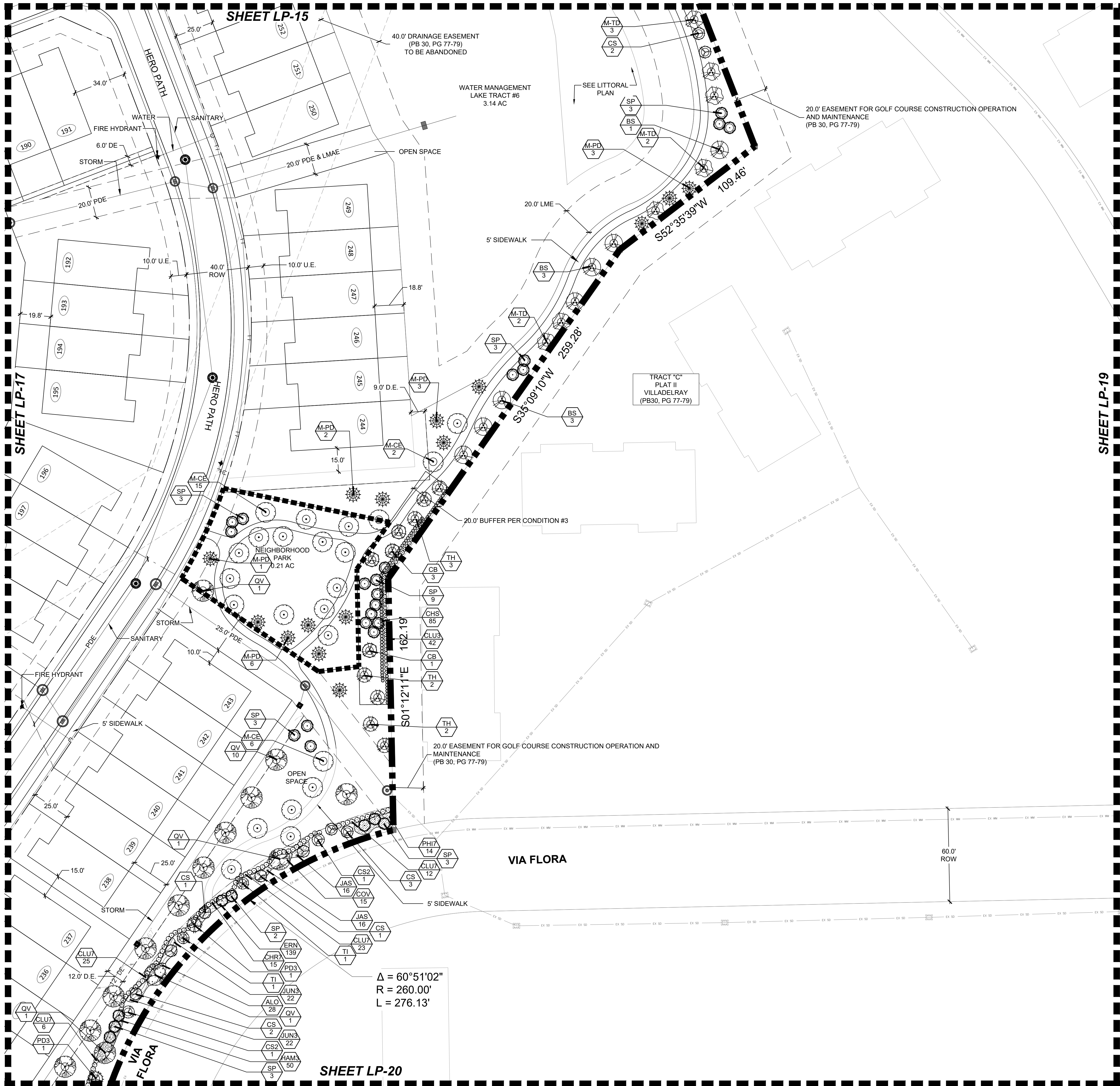
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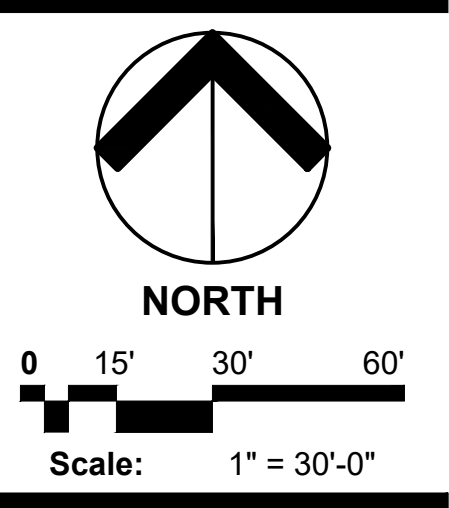
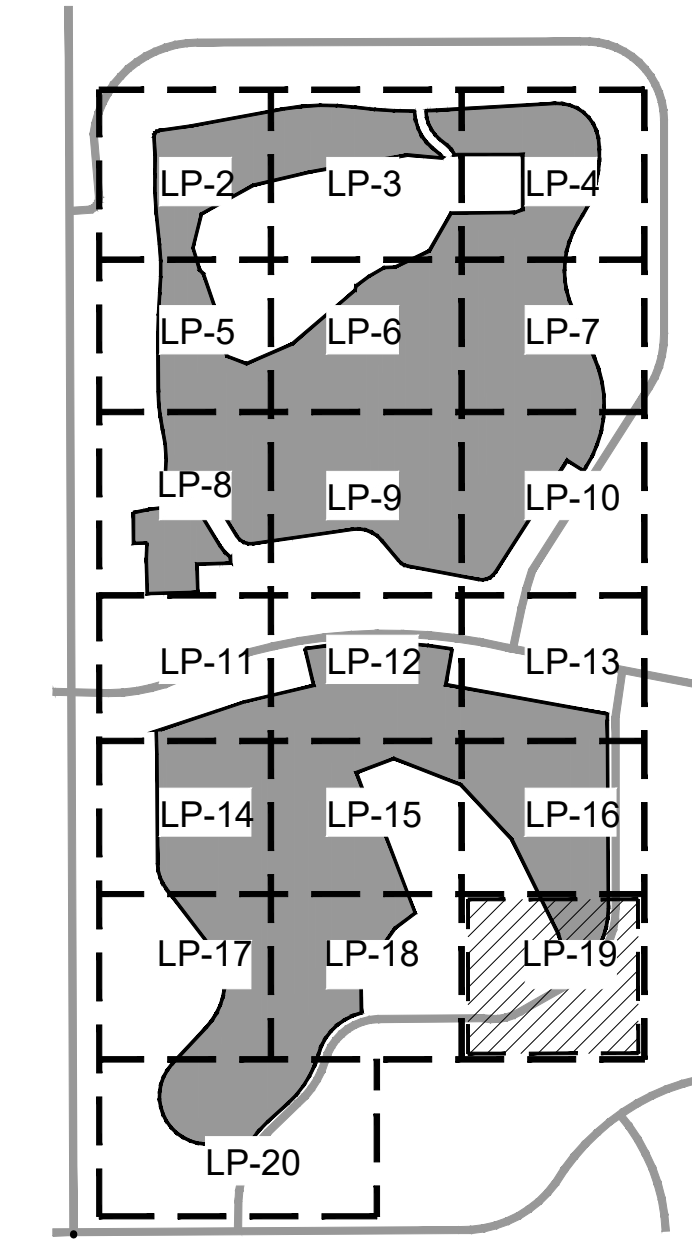
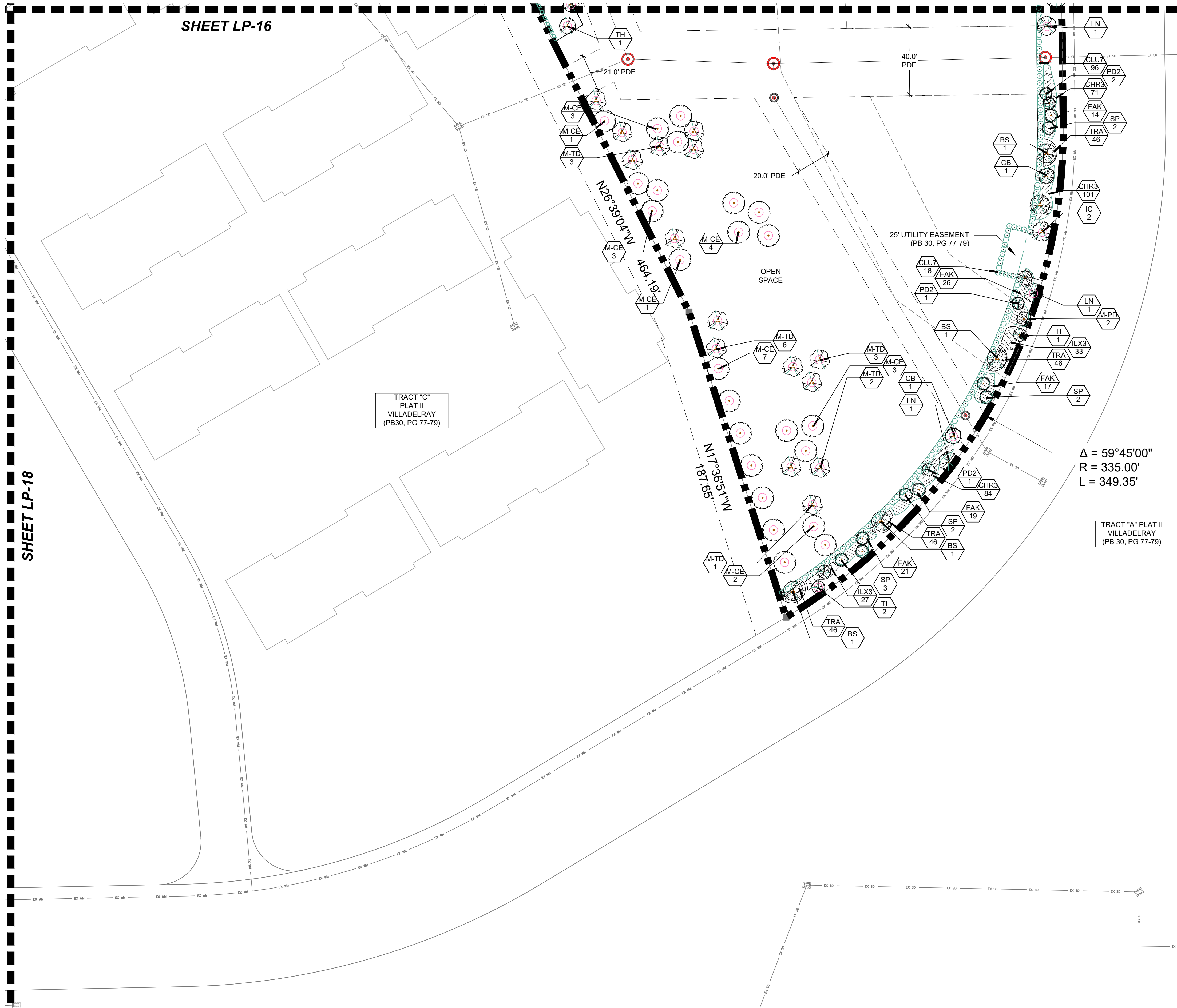
**Delray Trails at  
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**Revision Dates:**  
2022-08-24-LMB  
2023-01-19

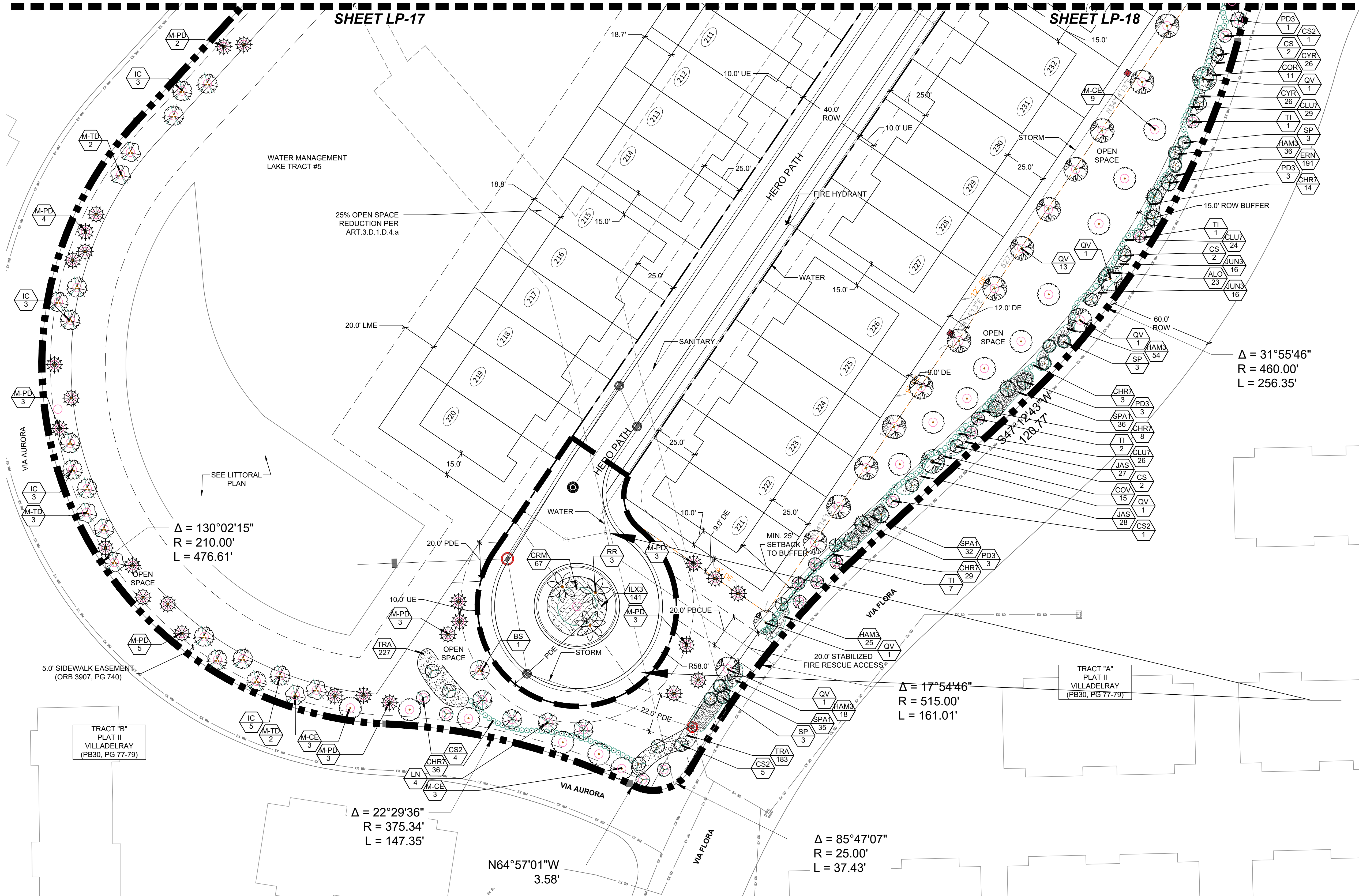




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Revision Dates:

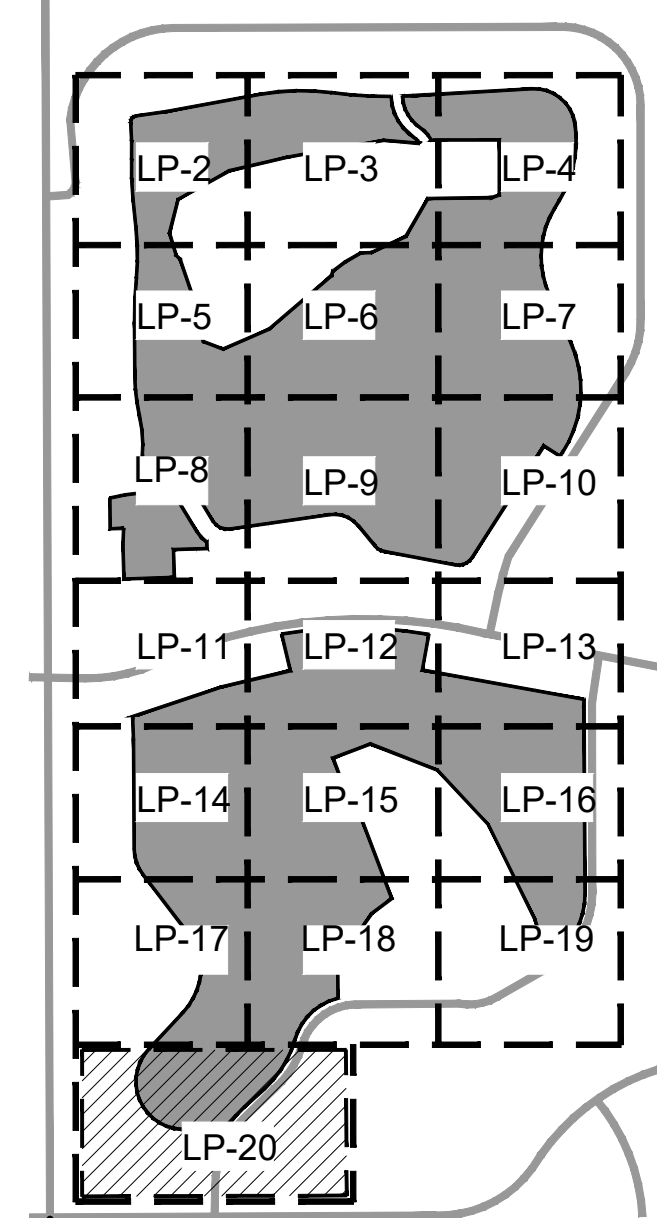
2022-08-24-LMB
2023-01-19



SHEET LP-17

SHEET LP-18

KEY MAP



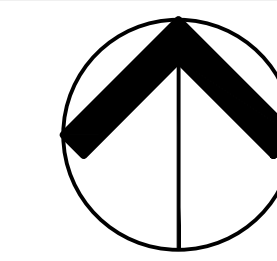
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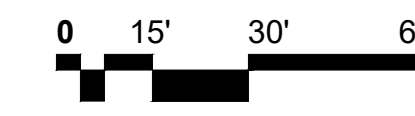
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**Delray Trails at Villa Delray PUD**  
Palm Beach County, Florida  
Common Area Landscape Plans



NORTH



Scale: 1" = 30'-0"

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Checked By: JWB/WJT

Revision Dates:  
2022-08-24-LMB  
2023-01-19

**LP- 20**  
of 24

TO BE REVIEWED  
WITH STREETSCAPE  
PLANS

$\Delta = 31^{\circ}55'46''$   
 $R = 460.00'$   
 $L = 256.35'$

$\Delta = 130^{\circ}02'15''$   
 $R = 210.00'$   
 $L = 476.61'$

$\Delta = 17^{\circ}54'46''$   
 $R = 515.00'$   
 $L = 161.01'$

$\Delta = 22^{\circ}29'36''$   
 $R = 375.34'$   
 $L = 147.35'$

$\Delta = 85^{\circ}47'07''$   
 $R = 25.00'$   
 $L = 37.43'$

$N64^{\circ}57'01''W$   
3.58'

TRACT "A"  
PLAT II  
VILADELRAY  
(PB30, PG 77-79)

TRACT "B"  
PLAT II  
VILADELRAY  
(PB30, PG 77-79)

SEE LITTORAL  
PLAN

5.0' SIDEWALK EASEMENT,  
(ORB 3907, PG 740)

WATER MANAGEMENT  
LAKE TRACT #5

25% OPEN SPACE  
REDUCTION PER  
ART.3.D.1.D.4.a

MIN. 25'  
SETBACK  
TO BUFFER

20.0' STABILIZED  
FIRE RESCUE ACCESS

20.0' PBCUE

20.0' PDE

22.0' PDE

R58.0'

10.0' U.E.

10.0' U.E.

10.0' U.E.

10.0' U.E.

10.0' U.E.

10.0' U.E.

10.0' U.E.

10.0' U.E.

10.0' U.E.

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10.0' U.E.

## Tree Protection Management Plan

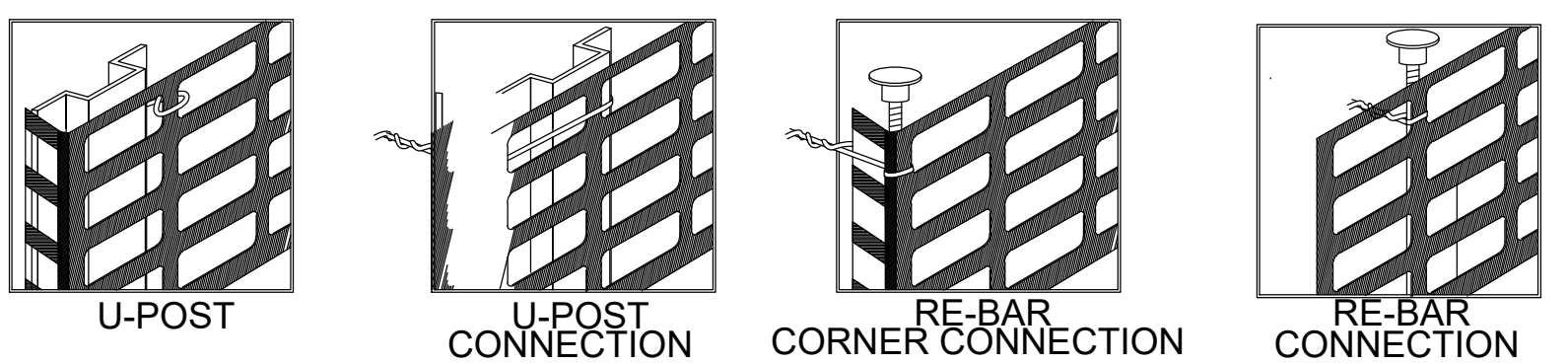
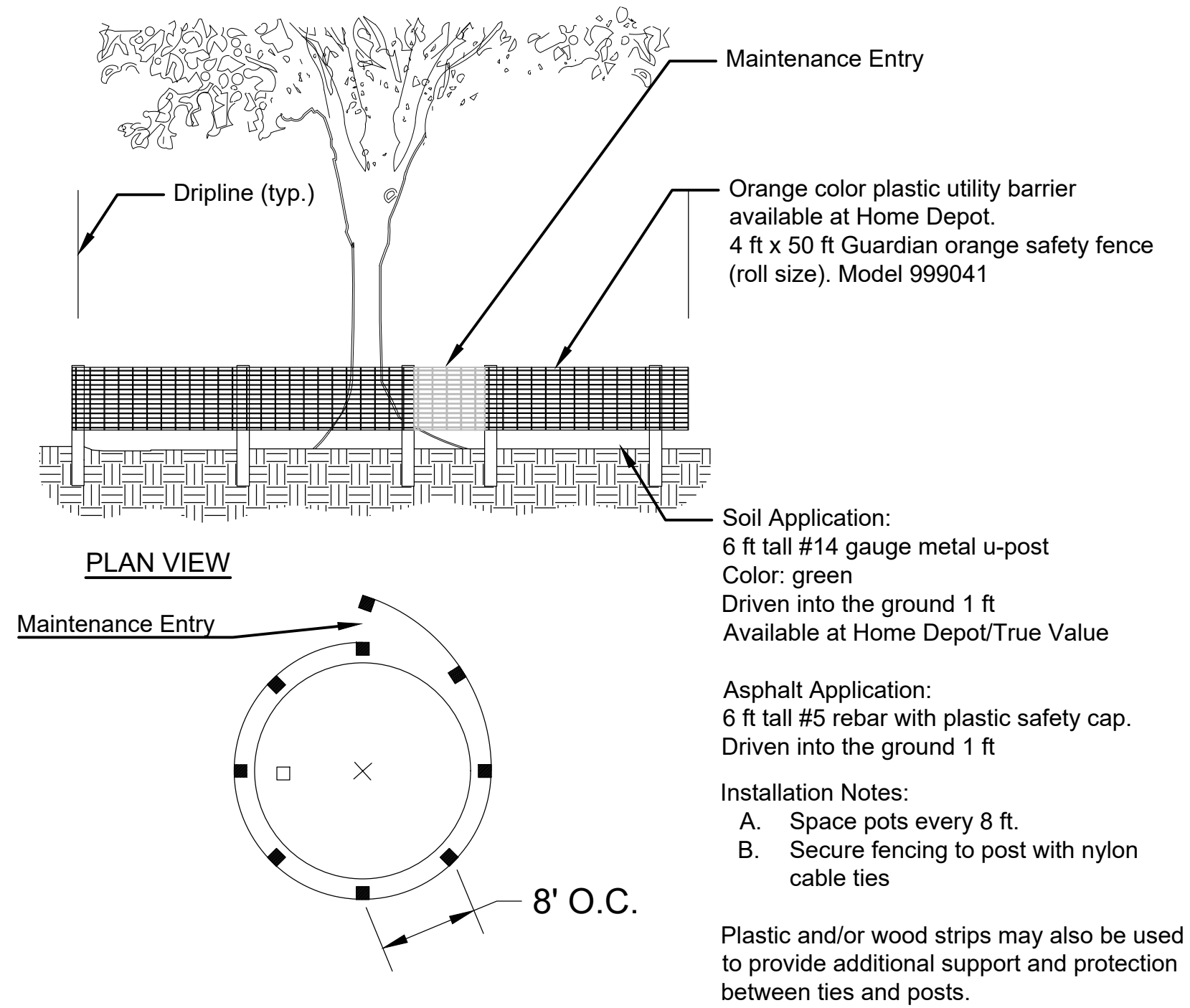
Prior to clearing any of the property for development, the contractor will do the following items:

Clearly identify and mark all trees to be preserved consistent with the approved Landscape Plan.

Install appropriate protective barriers around individual and groups of trees to be preserved.

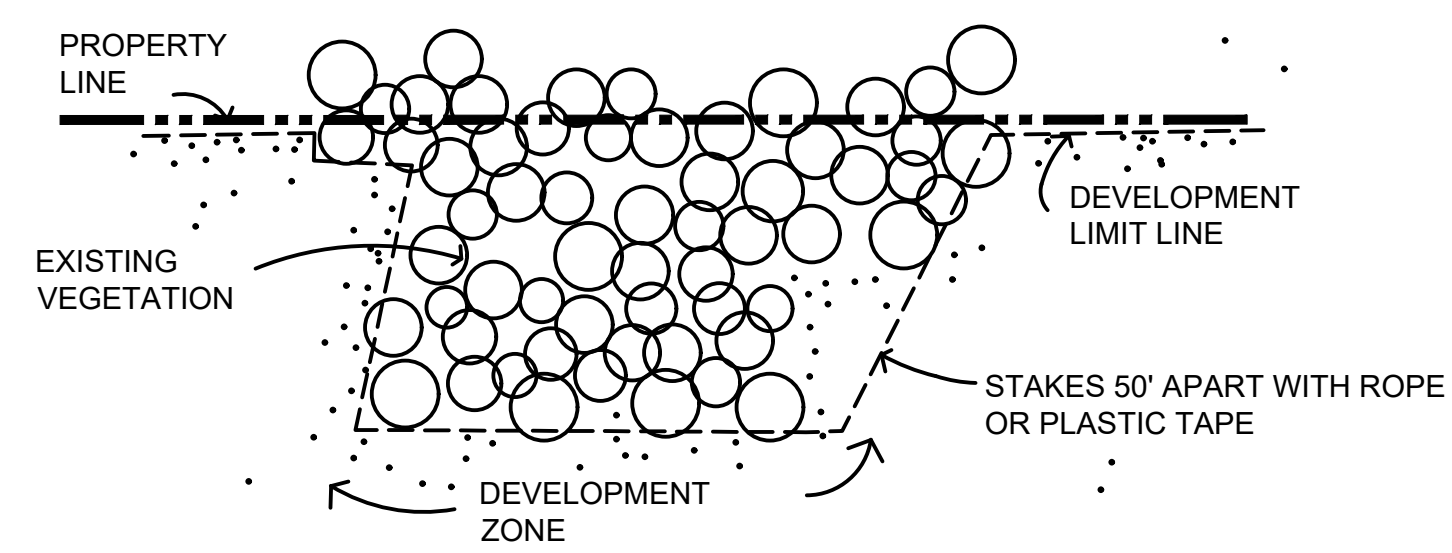
A suitable protective barrier of metal, wood or other material shall be placed around individual protected trees:

- a distance of 6' or more from all species of mangroves
- a distance of 6' or more, or at a distance outside of 2/3 of the radius of the dripline, whichever is greater, from all protected hardwoods
- a distance of 6' or more, or at a distance outside of 2/3 of the radius of the dripline, whichever is greater, of all protected conifers



### TREE PROTECTION BARRIER DETAIL

Unless conditioned in the vegetation removal permit, groups of trees or areas of vegetation to be preserved shall not require protective barriers. These areas will be marked by stakes installed at a maximum of 50' apart with rope or plastic tape attached to said stakes around the perimeter of the protected area.



Sturdy wood posts and rails shall be used to ensure that barricades can withstand construction activity.



Protective barriers or markings shall remain in place until they are authorized to be removed by staff or receipt of a CO.

There shall be limited development within tree preservation areas:

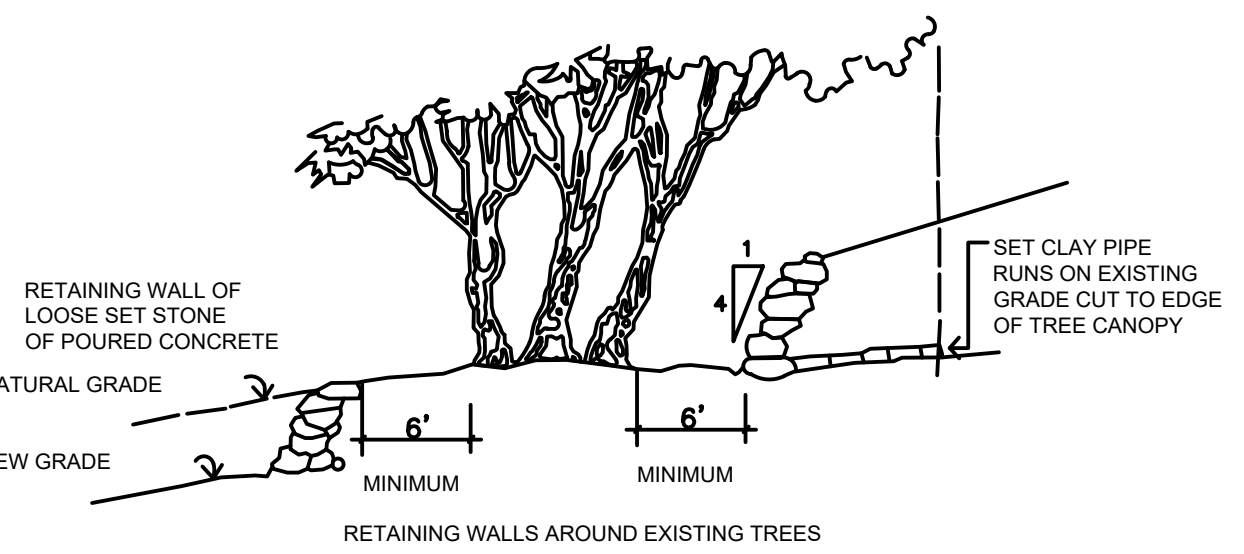
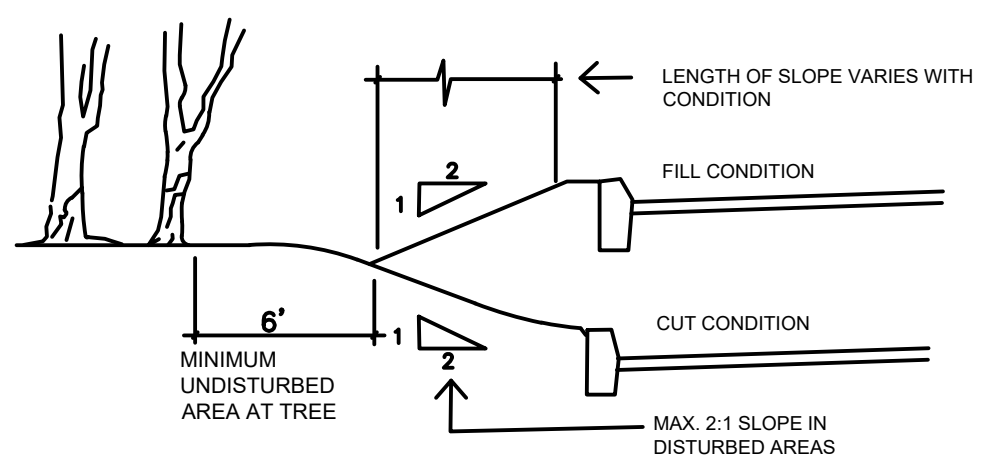
- maintained in its natural state
- provide permeable landscape natural. i.e., grass, mulch
- conform to governing landscape code.

There will be no attachment of signs, etc. to vegetation unless of a non-damaging character.

Light machinery or hand-labor is to be used if vegetation is to be installed in preservation areas.

No grade changes shall be made within tree preservation areas, which require trenching or cutting of roots unless conditioned. Utility lines shall be installed to protect root systems as much as possible.

No removal of soil or fill in tree preservation areas shall occur.



No clearing shall commence until all protection devices are installed, inspected and approved by the Zoning Division and Environmental Resource Management Department.

### TREE RELOCATION PROGRAM

#### Plant Species Requirements

Live Oaks - Best time to move is in their dormant season. Worst time to move is in the spring because of their flush of new growth and lack of precipitation. They should be root pruned at least two weeks in advance of the move and need to be watered in heavily the first two weeks after transplanting.

#### Root Pruning and Transplanting

When it is determined that a tree or palm needs to be transplanted, it is beneficial and sometimes required that the plant be root pruned. Root pruning is done to reduce the size of an existing root ball in preparation for transplanting. The root ball is reduced to create a new root system large enough to sustain life in the tree/palm while making its move more effective for transportation. The time it takes for the root system to develop before transplanting will vary from tree to tree, depending on soil moisture content. An estimated wait time follows in the schedule listed below.

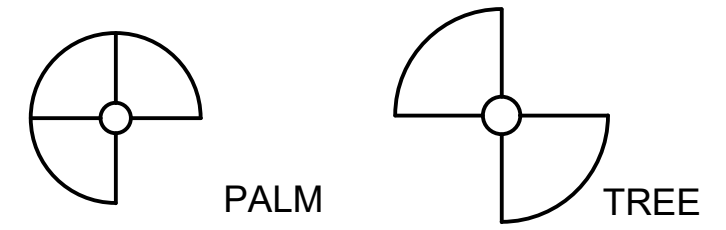
- Clear the area around the tree that has been selected.
- Determine the size of the root ball that is being prepared.

Tree Caliper	Root Ball
2-4"	36-42"
4-6"	42-48"
6-8"	48-60"
8-10"	72-84"
12-14"	84-96"
14-16"	96-108"
16-18"	108-120"
18-20"	120-132"
20-24"	132-144"
24-28"	144-156"
28-32"	156-168"
32-36"	168-180"

Sabal Palms	4' Root Ball
Coconut Palms	4-5' Root Ball
Queen Palms	4' Root Ball
Canary Island Date Palms	5-6' Root Ball
Reclinata Palms	6-8' Root Ball
Paurotis Palms	6-8' Root Ball
Sago Palms	3-4' Root Ball
Royal Palms	5-6' Root Ball

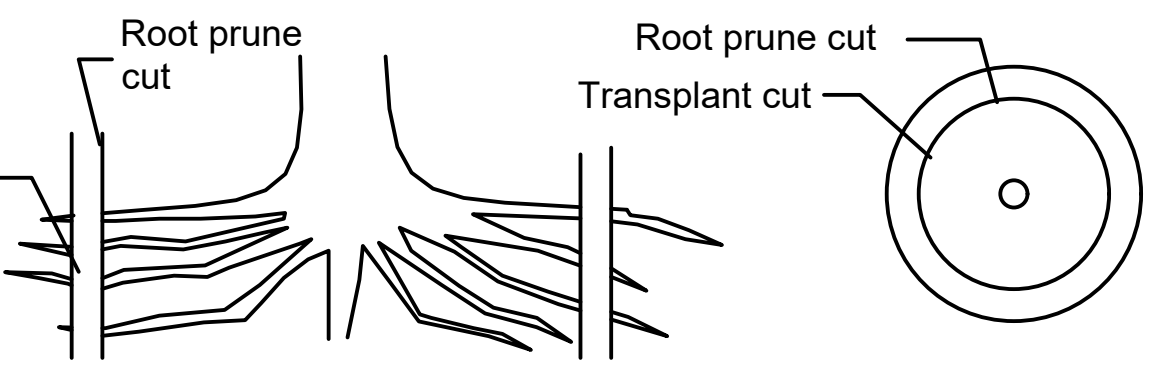
3. Palms may be cut on three sizes leaving the open side toward the strongest northeast winds.

4. Broadleaf trees should be cut on two sides initially opposite each other.



#### Transplant cut

5. Once the ball size has been determined, mark the spot around the ball and prepare for a 1' trench around the tree. Use sharp spades for root pruning and do not cut under the root ball. Leave old cut roots on top of root ball.



6. Fill trench with existing soil with 1/3 peat humus mixed in. Leave a depression to hold water.

7. Irrigate with a mist head at root ball to help promote feeder roots and maintain watering.

8. Wait time after root pruning until transplanting per individual specifications, for differing types of plant material.

Ficus Trees	6 weeks to 90 days
Palms	6 weeks to 90 days
Oaks, 6" and under	6 weeks to 90 days
Oaks, 6" - 12"	90 days to 6 months
Oaks, 12" and above	6 months to 1 year

9. Fertilize top of ball with milorganite after root pruning.

10. Some bracing may be required after root pruning.

11. A full top will encourage feeder root growth. Previous to transplanting, remove enough top growth to balance the smaller root system. Thin out and trim back unwanted foliage and branches.

12. Cut trench for transplanting outside of root pruned trench to allow for feeder roots.

13. Lift tree from one side to break suction and peel off root ball. If it doesn't break then dig under to sever roots.

#### Specifications:

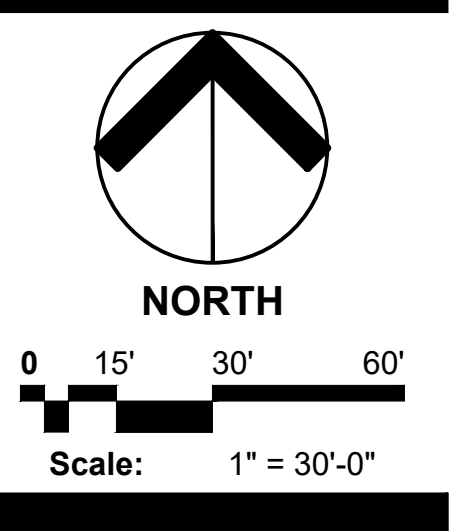
- Contractor shall be responsible for locating any and all underground utilities or obstructions prior to commencing work. In case of conflict with proposed work, notify landscape architect prior to commencement of work.
- Contractor shall provide adequate irrigation to assure the healthy establishment of relocated trees.
- Pruning of limbs shall occur only as necessary to facilitate relocation and shall maintain the natural shape and character of tree.
- Finish grade for top of tree plug shall meet the proposed finish grade after relocation.
- All plant materials shall be relocated to freshly dug holes with similar size and type of tree moving equipment. The holes should be filled 1/3 with water, place tree, back fill and water in thoroughly, being sure to avoid air pockets. Provide 4"-6" dish around newly dug plant material to retain water. Water thoroughly after planting as specified.
- All trees exhibiting shallow root systems shall be staked as required.
- Prune, thin out and shape relocated trees, shrubs and understory in accordance with desired effect of the landscape architect and to retain natural character. Remove all vines and exotic vegetation. Maintain relocated plant materials for a period of not less than 90 days. Maintain by watering, removing of exotic vegetation or weeds, providing insecticide applications and mulching.
- The contractor shall protect trees during relocation procedures from scrapes, scars and undue breakage. Understory plant material moved with primary species shall be protected against damage.
- Landscape contractor shall provide a one (1) year warranty on all relocated material.

- Tree Preservation and Relocation Program

# Delray Trails at Villa Delray PUD

Palm Beach County, Florida  
Common Area Landscape Plans

Drawing Name: H:\02055\Delray Trails & CC - 16-007\Landscape - 10220\dwg\pCommon Area Landscape Plans\2023.01.17 DelrayTrail\_CCommon Area LP.dwg

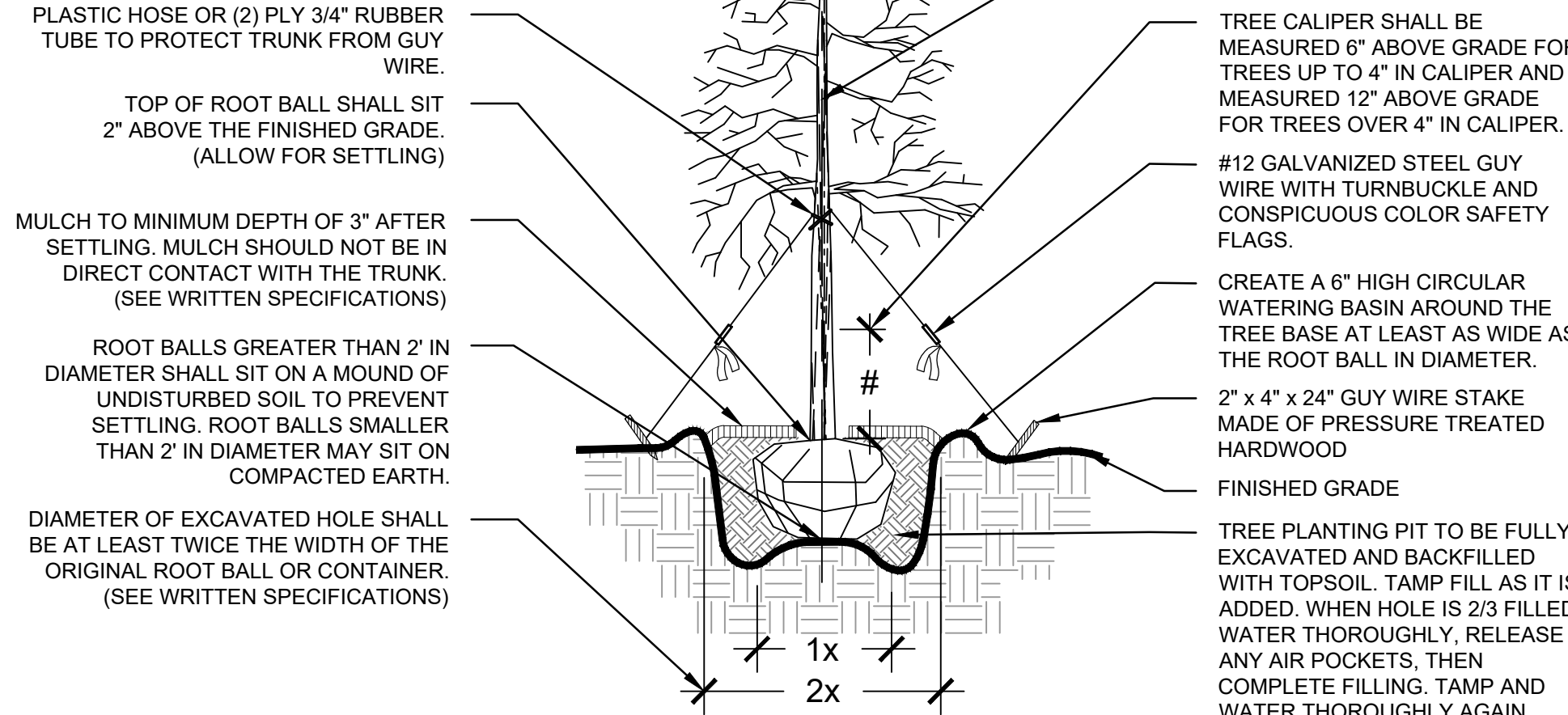


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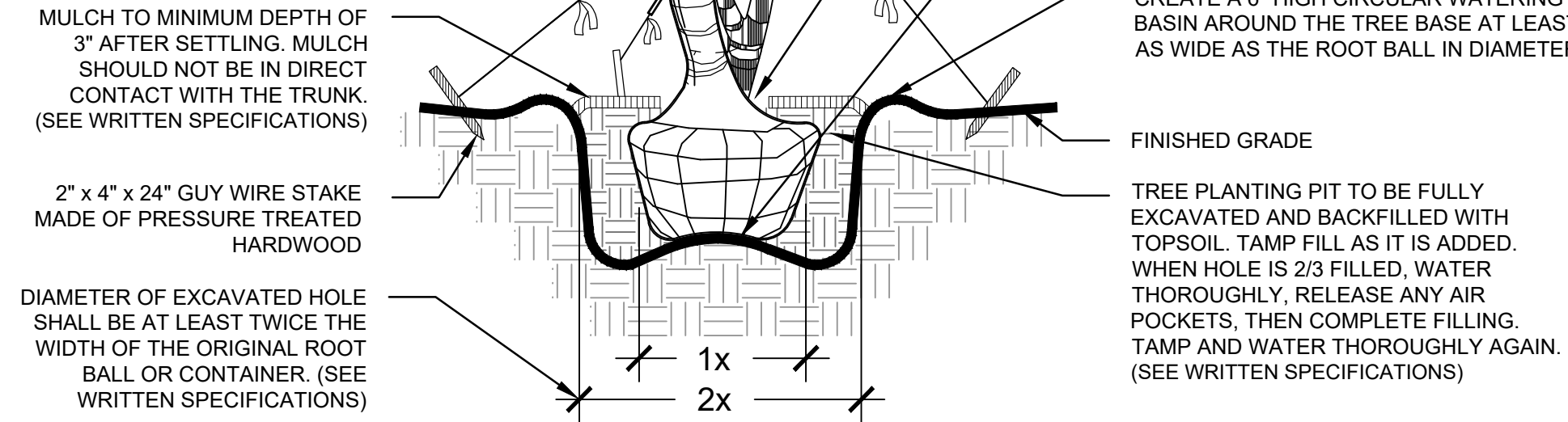


- NOTES:
1. ALL TREES SHALL MEET FLORIDA #1 OR BETTER STANDARDS.
  2. REMOVE ALL NON-ORGANIC BINDING AND SHIPPING MATERIAL FROM THE TREE AND ROOT BALL.
  3. ANY PRUNING SHALL BE COMPLETED AT THE DIRECTION OF THE OWNER OR LANDSCAPE ARCHITECT.
  4. NO NAILS SHALL BE DRIVEN INTO TREE AND TRUNK SHALL BE FREE OF ANY MAJOR SCARS.
  5. ADD FERTILIZER AS DIRECTED IN WRITTEN SPECIFICATIONS.



**TREE PLANTING DETAIL**  
NOT TO SCALE

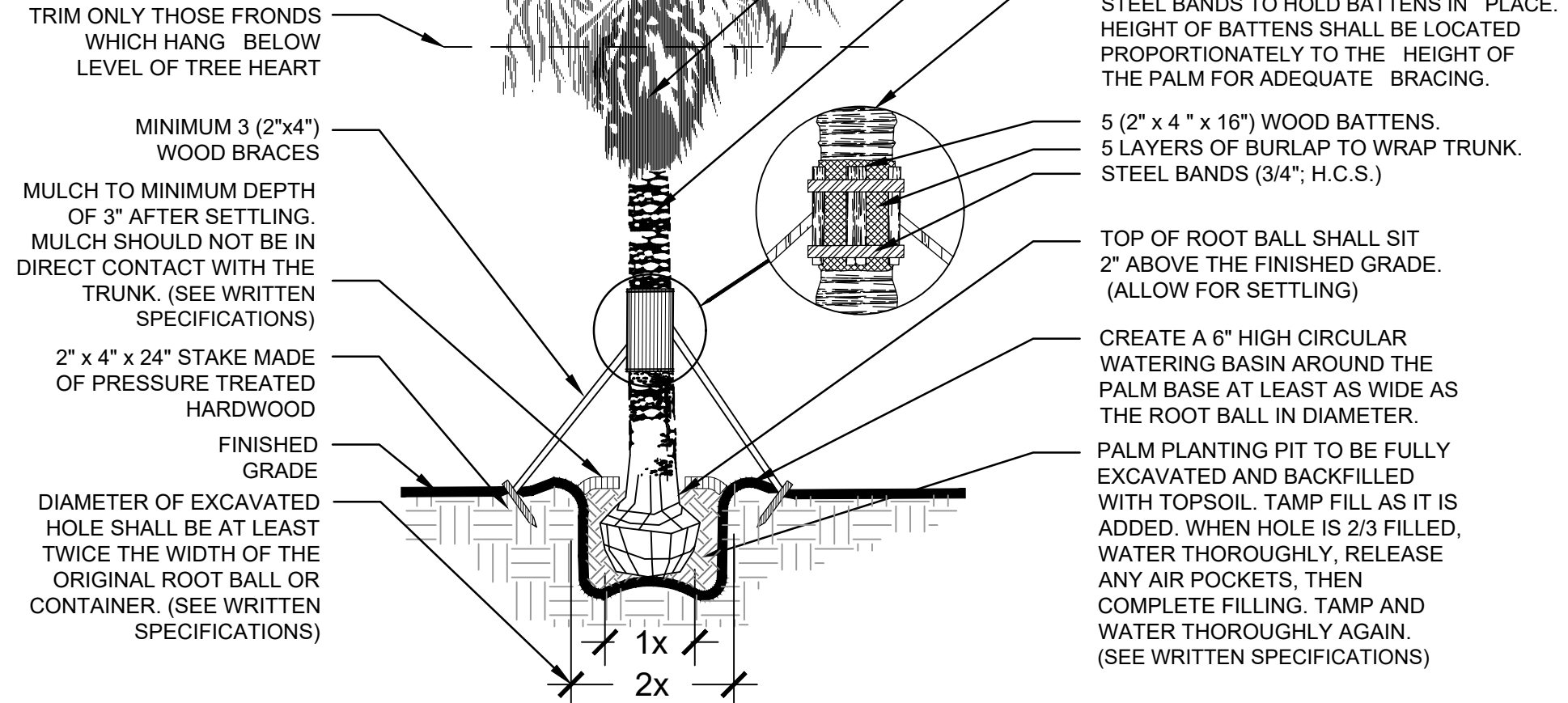
- NOTES:
1. ALL TREES SHALL MEET FLORIDA #1 OR BETTER STANDARDS.
  2. REMOVE ALL NON-ORGANIC BINDING AND SHIPPING MATERIAL FROM THE TREE AND ROOT BALL.
  3. ANY PRUNING SHALL BE COMPLETED AT THE DIRECTION OF THE OWNER OR LANDSCAPE ARCHITECT.
  4. NO NAILS SHALL BE DRIVEN INTO TREE AND TRUNK SHALL BE FREE OF ANY MAJOR SCARS.
  5. ADD FERTILIZER AS DIRECTED IN WRITTEN SPECIFICATIONS.



**LARGE SHRUB PLANTING DETAIL**  
NOT TO SCALE

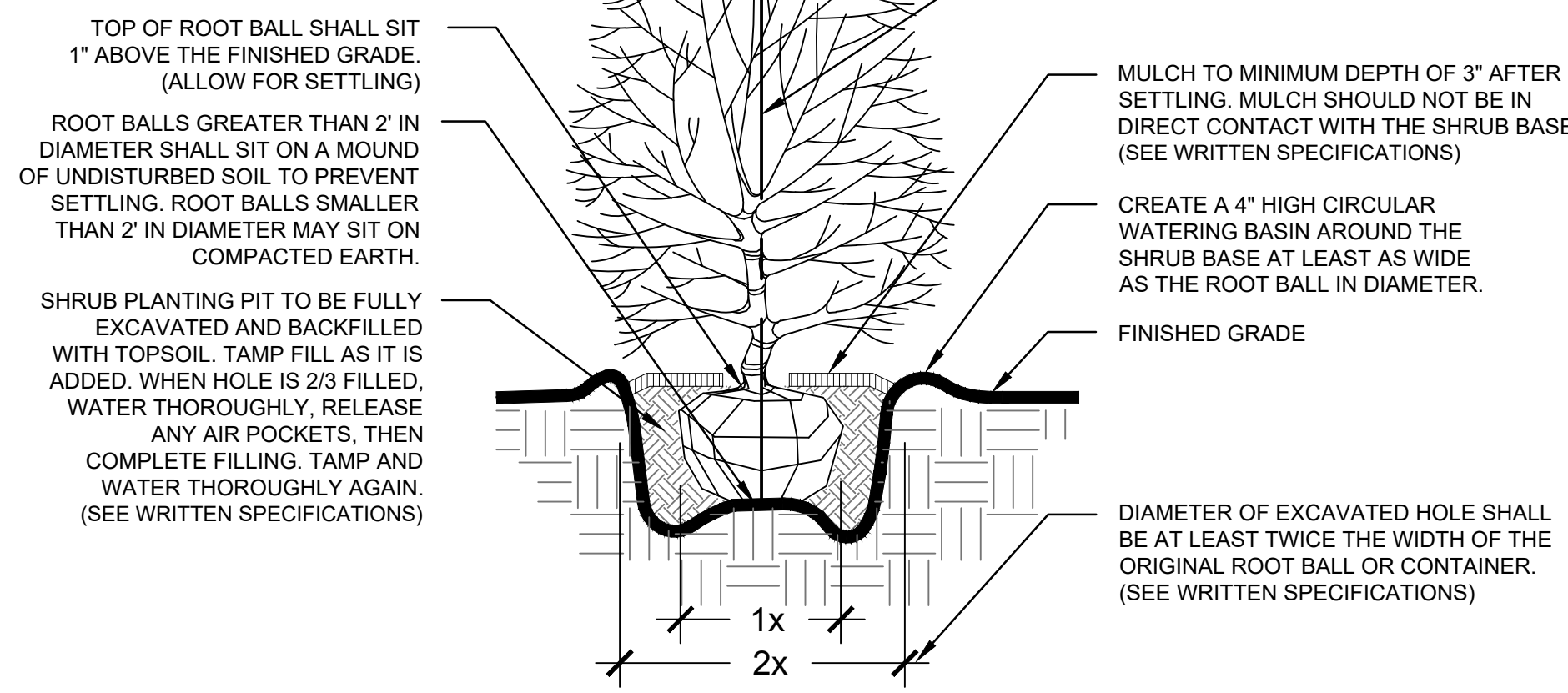
**IRREGULAR & MULTI-STEM TREE PLANTING DETAIL**  
NOT TO SCALE

- NOTES:
1. ALL PALMS SHALL MEET FLORIDA #1 GRADE STANDARDS OR BETTER
  2. REMOVE ALL NON-ORGANIC BINDING AND SHIPPING MATERIAL FROM THE PALM AND ROOT BALL.
  3. NO NAILS SHALL BE DRIVEN INTO PALM AND TRUNK SHALL BE FREE OF ANY MAJOR SCARS.
  4. ADD FERTILIZER AS DIRECTED IN WRITTEN SPECIFICATIONS.

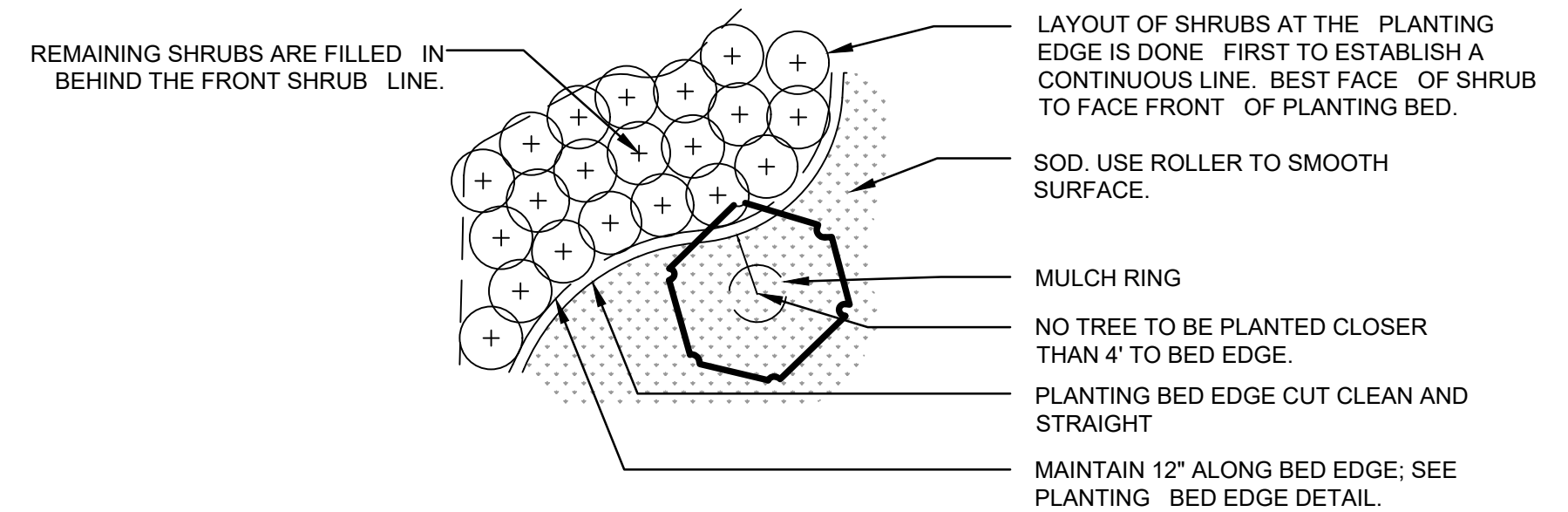


**PALM PLANTING DETAIL**  
NOT TO SCALE

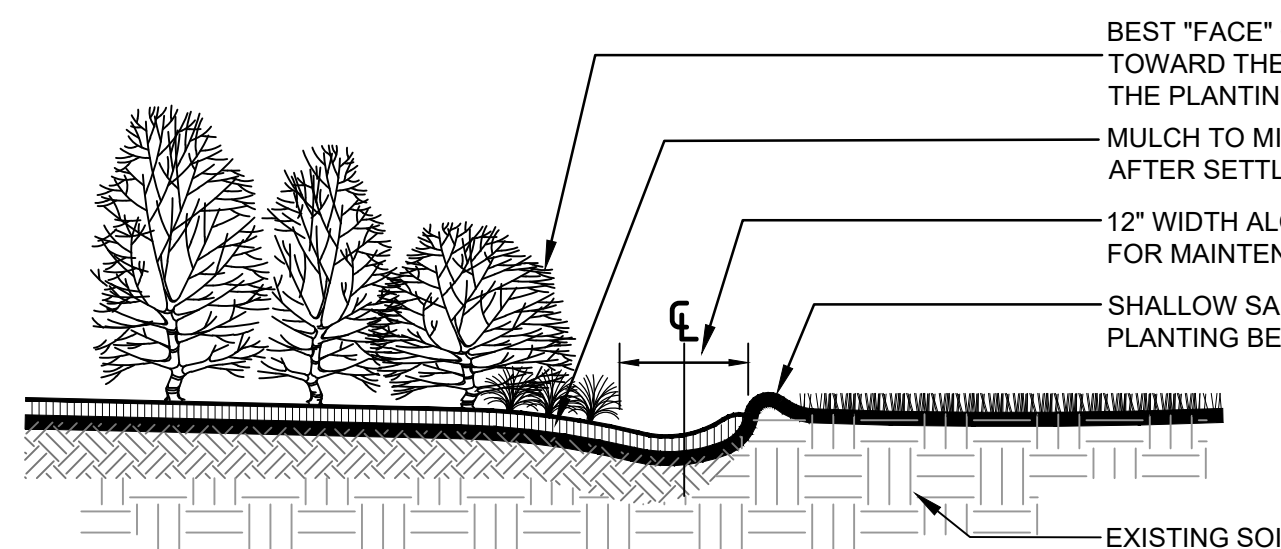
- NOTES:
1. ALL SHRUBS SHALL MEET FLORIDA #1 GRADE OR BETTER STANDARDS.
  2. REMOVE ALL NON-ORGANIC BINDING AND SHIPPING MATERIAL FROM THE SHRUB AND ROOT BALL.
  3. ANY PRUNING SHALL BE COMPLETED AT THE DIRECTION OF THE OWNER OR LANDSCAPE ARCHITECT.
  4. ADD FERTILIZER AS DIRECTED IN WRITTEN SPECIFICATIONS.



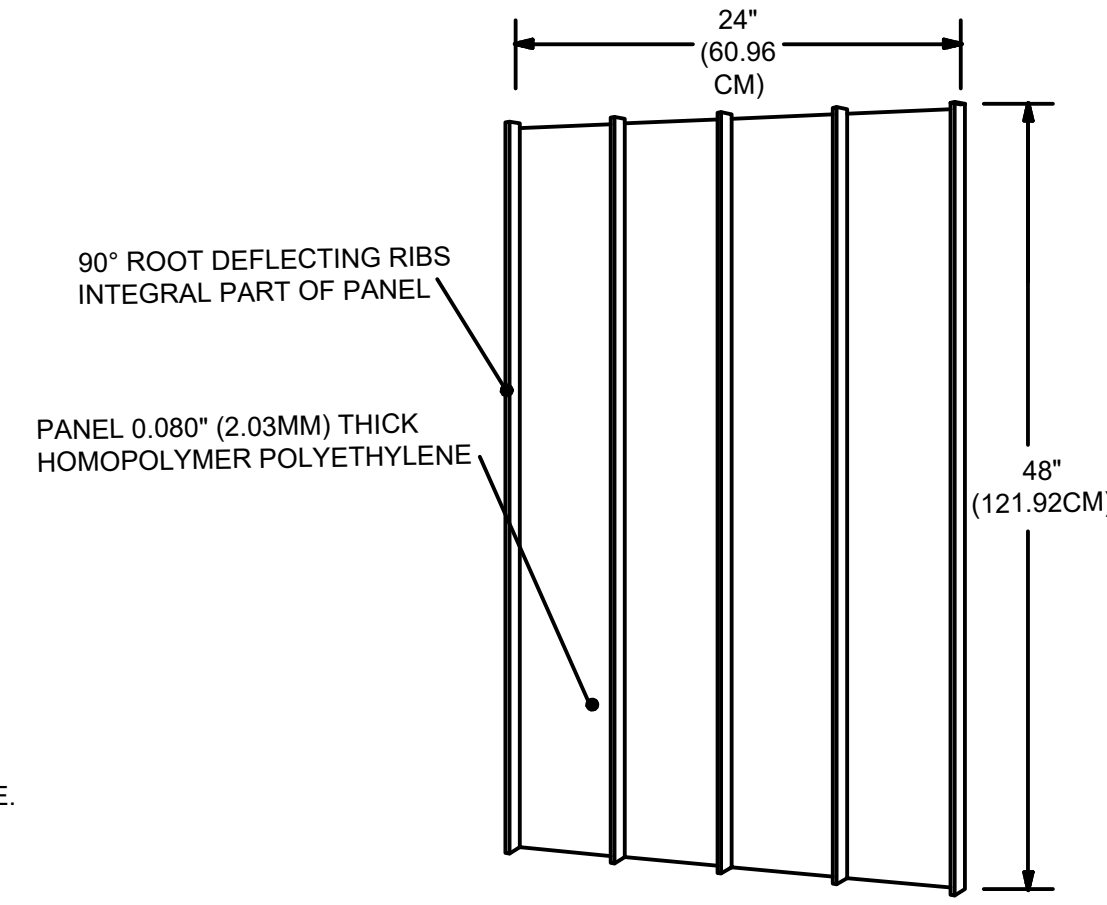
**SHRUB AND GROUND COVER PLANTING DETAIL**  
NOT TO SCALE



**SHRUB & GROUNDCOVER LAYOUT DETAIL**  
NOT TO SCALE



**PLANTING BED EDGE DETAIL**  
NOT TO SCALE



UB 48-2 SPECIFICATIONS  
48" DEEPROOT TREE ROOT BARRIER

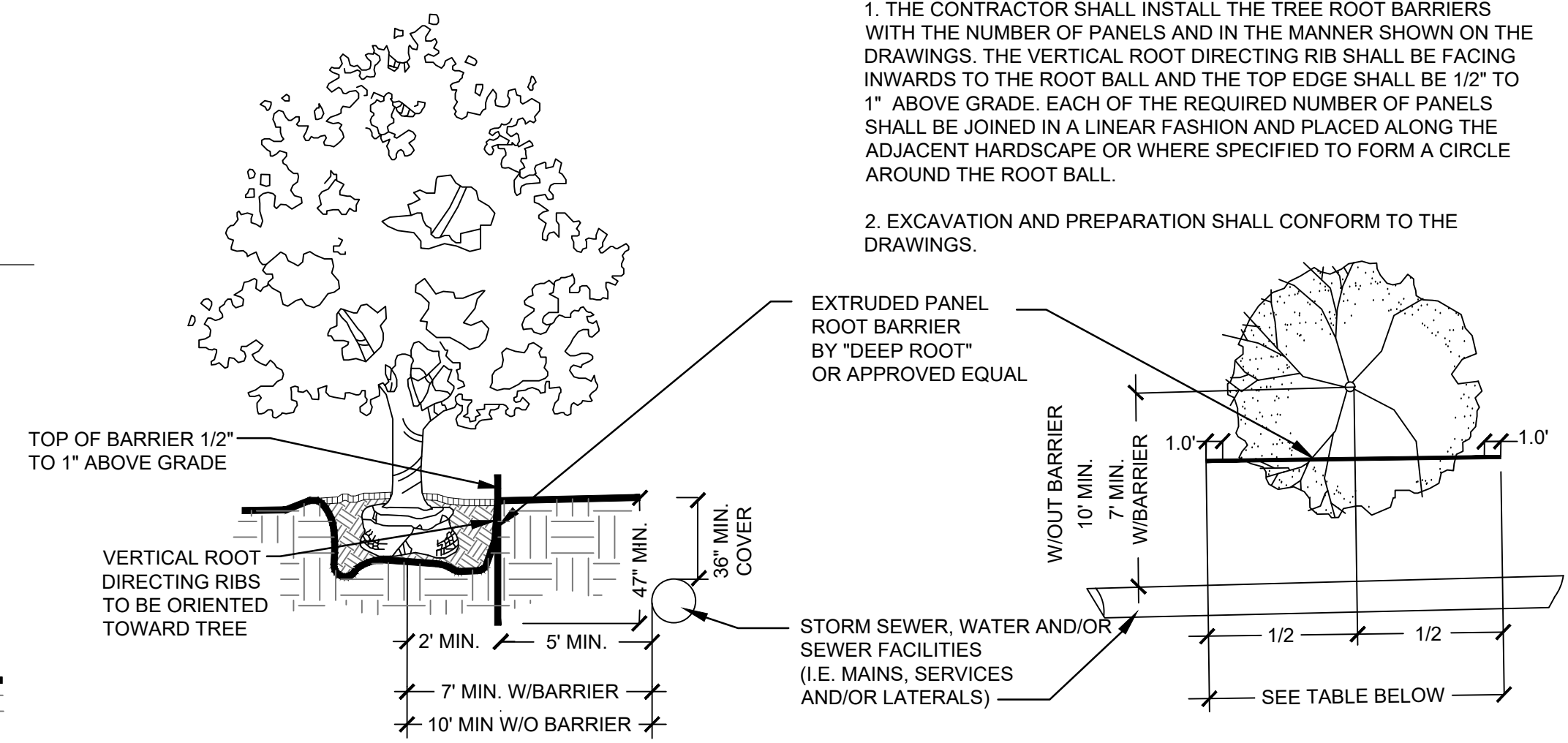
SPECIFIED TREE ROOT BARRIERS ARE A MECHANICAL BARRIER AND ROOT DEFLECTOR TO PREVENT TREE ROOTS FROM DAMAGING HARDSCAPES, AND LANDSCAPES. ASSEMBLED IN 2 FOOT (61 CM) LONG MODULES TO CREATE VARYING LENGTHS FOR LINEAR APPLICATION DIRECTLY BESIDE A HARDSCAPE ELEMENT, ADJACENT TO ONE SIDE OF A TREE, OR FOR LARGE PERIMETER SURROUND APPLICATIONS WITH A MINIMUM 8 FOOT (2.43 M) DIAMETER USING 12 PANELS.

A. MATERIALS  
1. THE CONTRACTOR SHALL FURNISH AND INSTALL TREE ROOT BARRIERS AS SPECIFIED. THE TREE ROOT BARRIERS SHALL BE EITHER PRODUCT UB 48-2 AS MANUFACTURED BY DEEPROOT PARTNERS, L.P., 81 LANGTON STREET, SUITE 4, SAN FRANCISCO, CA 94103 (800.458.7668), OR APPROVED EQUAL. THE BARRIER SHALL BE BLACK, EXTRUDED PANELS, OF 0.80" (2.03MM) WALL THICKNESS IN MODULES 24" (61CM) LONG 48" (122 CM) DEEP. MANUFACTURED WITH HOMOPOLYMER POLYETHYLENE WITH ADDED ULTRAVIOLET INHIBITORS; RECYCLABLE. EACH 2 FOOT (61CM) SECTION SHALL HAVE:

NOT LESS THAN 4 MOLDED INTEGRAL VERTICAL ROOT DIRECTING RIBS OF A MINIMUM 0.080" (2.03MM) THICKNESS PROTRUDING 1/2" (12.7MM) AT 90° FROM INTERIOR OF THE BARRIER PANEL, SPACED 6" (154 MM) APART. SEE PANEL DRAWING.

AN INTEGRATED JOINING SYSTEM PROVIDING FOR INSTANT ASSEMBLY BY SLIDING ONE PANEL INTO ANOTHER.

- B. CONSTRUCTION AND INSTALLATION
1. THE CONTRACTOR SHALL INSTALL THE TREE ROOT BARRIERS WITH THE NUMBER OF PANELS AND IN THE MANNER SHOWN ON THE DRAWINGS. THE VERTICAL ROOT DIRECTING RIB SHALL BE FACING INWARDS TO THE ROOT BALL AND THE TOP EDGE SHALL BE 1/2" TO 1" ABOVE GRADE. EACH OF THE REQUIRED NUMBER OF PANELS SHALL BE JOINED IN A LINEAR FASHION AND PLACED ALONG THE ADJACENT HARDSCAPE OR WHERE SPECIFIED TO FORM A CIRCLE AROUND THE ROOT BALL.
  2. EXCAVATION AND PREPARATION SHALL CONFORM TO THE DRAWINGS.



LANDSCAPE AND ROOT BARRIER NOTE:

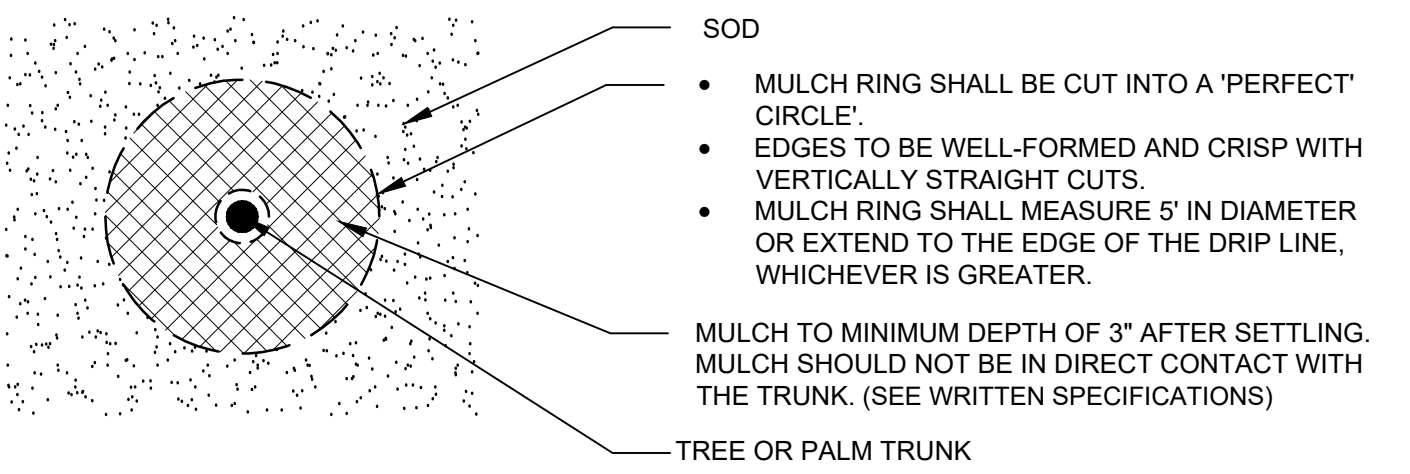
TREES SHOWN ON THIS PLAN ARE FOR GRAPHIC REPRESENTATION ONLY. TREE SPACING IS BASED ON DESIGN REQUIREMENTS AND THE TREES SHOWN ON THESE PLANS ATTEMPT TO ACCOMPLISH THAT SPACING WHILE MAINTAINING THE REQUIRED SETBACKS FROM UTILITIES AND OTHER INFRASTRUCTURE. TREES MAY BE FIELD ADJUSTED TO AVOID CONFLICTS WITH DRIVEWAYS AND UNDERGROUND UTILITIES. IN ANY CASE THE TREES SHALL BE LOCATED IN THE FIELD IN ACCORDANCE WITH THE PLANTING DETAILS SHOWN HEREON.

ADDITIONALLY, TREES ARE TO BE INSTALLED WITH A TEN FOOT (10') SEPARATION FROM ANY STORM SEWER, WATER AND/OR SEWER MAIN AND/OR SERVICE, HYDRANTS, AND LIFT STATIONS. IF A TEN FOOT (10') SEPARATION CANNOT BE ACHIEVED, THE TREE CAN BE INSTALLED WITH A ROOT BARRIER SYSTEM. REFER TO THE "ROOT BARRIER" DETAIL FOR INSTALLATION REQUIREMENTS. HOWEVER, IN NO CASE SHALL A TREE ENCROACH INTO A UTILITY EASEMENT WITHOUT PRIOR APPROVAL FROM THE UTILITY PROVIDER AND ONLY SOD CAN BE INSTALLED WITHIN 7.5' OF A FIRE HYDRANT UNLESS PRIOR APPROVAL BY THE FIRE MARSHAL AND UTILITY PROVIDER.

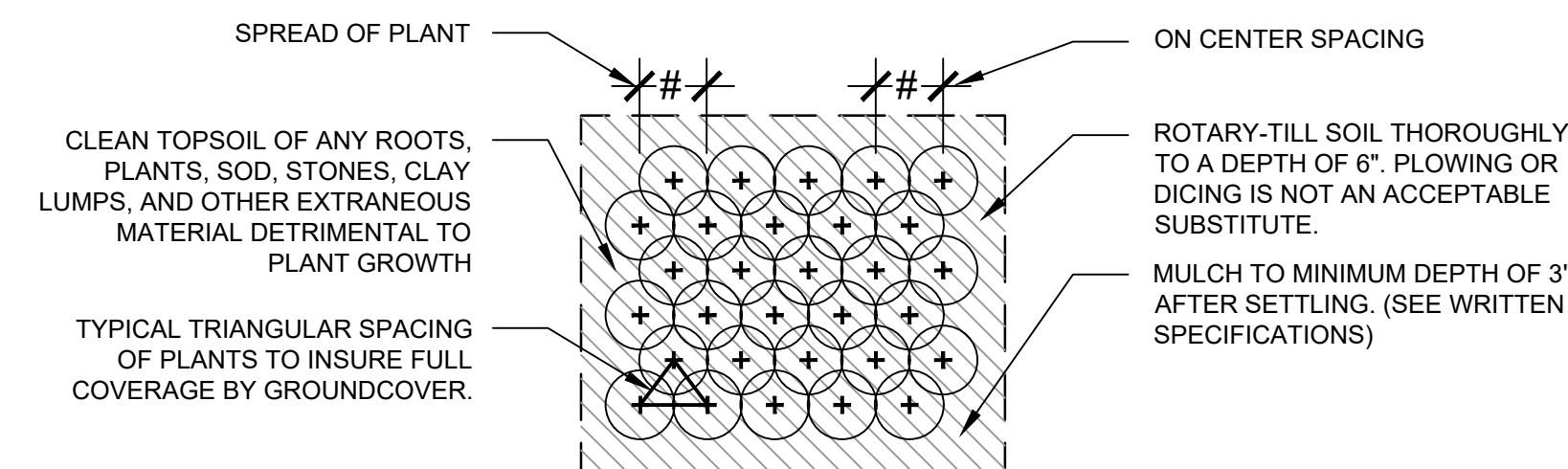
**ROOT BARRIER DETAIL**  
NOT TO SCALE

NOTES:

1. MULCH RINGS SHALL BE PROVIDED FOR ALL TREES AND PALMS PLANTED IN SODDED AREAS OR AS OTHERWISE NOTED ON LANDSCAPE PLAN.



**MULCH RING IN SOD DETAIL**  
NOT TO SCALE



**GROUND COVERS & ROOTED CUTTING PLANTING DETAIL**  
NOT TO SCALE

**Urban design studio**

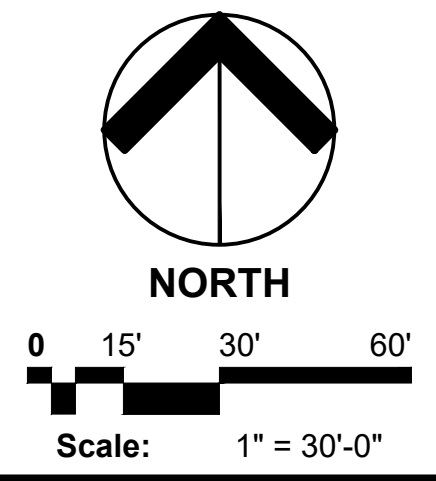
Urban Design  
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NOT FOR CONSTRUCTION

**Delray Trails at Villa Delray PUD**  
Palm Beach County, Florida  
Common Area Landscape Plans - Planting Details



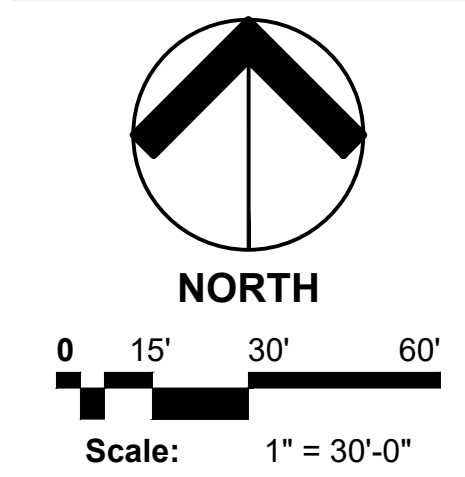
Date: 03/19/2022  
Project No.: 15-057.000  
Designed By: JWB  
Drawn By: JWB  
Checked By: JWB/WJT

Revision Dates:  
2022-08-24-LMB  
2023-01-19



PLANT SCHEDULE OVERALL					
TREES	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	BS	54	Bursera simaruba / Gumbo Limbo 12' Ht., 5' Spr., 2.5' Cal., 5' CT.	Yes	High
	CB	18	Calophyllum brasiliense / Brazilian Beautyleaf 12' Ht., 5' Spr., 2.5' Cal., 5' Clear trunk.	No	Very
	CE	34	Conocarpus erectus / Buttonwood 12' Ht., 5' Spr., 2.5' Cal., 5' Clear trunk.	Yes	High
	CS	66	Conocarpus erectus sericeus / Silver Button Wood 12' Ht., 2.5' Cal., 5' Clear trunk.	Yes	High
	IC	115	Ilex cassine / Dahoon Holly 12' Ht., 5' spr., 2" cal., single straight trunk	Yes	High
	LJ	33	Ligustrum japonicum / Japanese Privet 6' Ht., 6' Spr., 5-6 trunks, Tree form, Matched	No	Very
	PD3	14	Pinus elliotti densa / Slash Pine 14' Ht., 2.5' Cal., 5' Clear trunk.	Yes	High
	PD	5	Pinus elliotti Densa / Slash Pine 10' Ht., 2.25' Cal., 5' Clear trunk.	Yes	High
	PD2	55	Pinus elliotti Densa / Slash Pine 12' Ht., 2.5' Cal., 4.5' Clear trunk.	Yes	High
	QV	200	Quercus virginiana / Southern Live Oak 12' Ht., 5' Spr., 2.5' Cal., 5' Clear trunk.	Yes	High
EXISTING TREES	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	BSE	6	Bursera simaruba / Gumbo Limbo Varying sizes	Yes	High
PALM TREES	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	CG	34	Cocos nucifera 'Green Malayan' / Coconut Palm 4' Of Clear Wood, Heavy Caliper	No	Very
	PE	6	Ptychosperma elegans / Alexander Palm 10-14" C.W., No Scarred Trunk	No	Medium
	RR	62	Roystonea regia / Royal Palm 6-10' Clear Wood, no Scars on trunk, 20" Cal., Matched	Yes	Medium
	SP	297	Sabal palmetto / Cabbage Palmetto 8' C.T. Min., Hurricane cut, 12-14" Cal.	Yes	High
RELOCATED TREES	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	BSR	2	Bursera simaruba / Gumbo Limbo Relocated Tree	Yes	High
	QVR	8	Quercus virginiana / Southern Live Oak Relocated tree	Yes	High
EXISTING FLOWERING TREES	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	DPE	12	Delonix poinciana / Royal Poinciana Varying sizes	No	High
	LME	1	Lagerstroemia x 'Muskogee' / Lavender Crape Myrtle Multi-Trunk	No	High
EXISTING PALMS	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	EAC	11	Adonidia merrillii / Christmas Palm	No	Medium
FLOWERING TREES	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	CS2	39	Cordia sebestena / Orange Geiger Tree 8' Ht. OA., 1.5' Cal., 3-4' CT.	Yes	High
	DP	6	Delonix poinciana / Royal Poinciana 12' Ht., 2.5' Cal. 5' Single straight trunk	No	High
	LN	39	Lagerstroemia x 'Natchez' / White Crape Myrtle Multi-Trunk 12' Ht., 4-6 Trunks, 3" Cal., 5' Clear trunk.	No	High
	TH	27	Tabebuia heterophylla / Pink Tabebuia 12' Ht., 5' Spr., 5' Clear Trunk, 2.5' Cal.	No	High
	TI	35	Tabebuia impetiginosa / Pink Trumpet Tree 12' Ht., 2.5' Cal., 5' Clear trunk.	No	High
MITIGATION TREES	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	M-CE	322	Conocarpus erectus / Buttonwood 12' Ht. x 5' Spr., 2.5' Cal., 5' Clear Trunk	Yes	High
	M-PD	271	Pinus elliotti densa / Mitigation Slash Pine 12' Ht., 8' Trunk, 2.5' D.B.H.	Yes	High
	M-TD	224	Taxodium distichum / Bald Cypress 12' Ht. x 5' Spr., 2.5' Cal., 5' Clear Trunk	Yes	High
RELOCATED PALM	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	RRR	11	Roystonea regia / Royal Palm Relocated Palm	Yes	Moderate

	RRR	11	Roystonea regia / Royal Palm Relocated Palm	Yes	Moderate
	SPR	99	Sabal palmetto / Cabbage Palmetto Relocated Palm	Yes	High
ACCENT PLANTS	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	TI2	8	Cordyline fruticosa Red Hawaiian / Red Hawaiian Ti Plant 24" Ht., 3 Plant Per Pot, Full dense plant	No	Very
LARGE SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	CHR7	105	Chrysobalanus icaco 'Red Tip' / Red Tip Cocoplum 5' HT., 36" SPR., 36" O.C., Full dense plant,	Yes	High
	CLU8	595	Clusia flava / Small Leaf Clusia 42' HT., 36" SPR., 48" O.C., Full dense shrub	Yes	High
	CLU7	646	Clusia flava / Small Leaf Clusia 36' HT., 34" SPR., 36" O.C., Full dense shrub	Yes	Very
MEDIUM SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	CHR	275	Chrysobalanus icaco 'Red Tip' / Red Tip Cocoplum 24" ht., 24" Spr., 30" O.C., Full dense shrub	Yes	High
	CLU3	361	Clusia flava / Small Leaf Clusia 24" HT., 24" Spr., 30" O.C., Full dense shrub	Yes	High
SMALL SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	CHS	239	Chrysobalanus icaco 'Red Tip' / Red Tip Cocoplum 18" ht., 16" Spr., 24" O.C., Full dense shrub	Yes	High
	FMG2	1,189	Ficus microcarpa 'Green Island' / Green Island Ficus 24" Ht. x 24" Spr., 24" O.C. Full and Dense Shrub, Full to Base	No	Medium
SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	ACA3	68	Acalypha wilkesiana 'Louisiana Red' / Louisiana Red Copperleaf 18" HT., 18" SPR., 48" O.C., Full dense plant	No	
	ALO	278	Alocasia gageana 'California' / Dwarf Elephant Ears 18" HT., 18" SPR., 24" O.C., Full dense plant,	No	Low
	COD	137	Codiaeum variegatum 'Curlyboy' / Curlyboy Croton 18" HT., 18" SPR., 20" O.C., Full dense plant,	No	High
	COR	35	Cordyline fruticosa Red Pepper / Red Pepper Ti Plant 18" HT., 18" SPR., 36" O.C., 3-5 STEMS, Full dense plant	No	High
	JAS	405	Jasminum volubile / Wax Jasmine 18" HT., 18" SPR., 24" O.C., Full dense plant	No	Moderate
GRASSES	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	MUH1	95	Muhlenbergia capillaris / Pink Muhly 24" HT., 24" SPR., 36" O.C., Full dense plant	Yes	High
	PEN	111	Pennisetum rubrum / Purple Fountain Grass 24" HT., 28" SPR., 30" O.C., Full dense plant	No	
	SPA1	202	Spartina bakeri / Sand Cord Grass 24" HT., 22" SPR., 36" O.C., Full rooted and dense plant	Yes	High
	FAK1	259	Tripsacum dactyloides / Fakahatchee Grass 24" HT., 22" SPR., 36" O.C., Fully rooted and dense plant	Yes	High
MEDIUM SHRUB	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	CRM	674	Chrysobalanus icaco 'Red Tip' / Red Tip Cocoplum 24" HT., 18" SPR., 30" O.C., Full dense plant	Yes	Very
	COV	399	Codiaeum variegatum 'Mammy' / Mammy Croton 18" HT., 18" SPR., 30" O.C., Full dense plant	No	Very
	FAK	243	Tripsacum dactyloides / Fakahatchee Grass 24" HT., 24" SPR., 36" O.C., Fully rooted and dense plant	Yes	High
LARGE SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	PHI7	14	Philodendron bipinnatifidum selloum / Cut Leaf Philodendron 36" HT., 36" SPR., 48" O.C., Full dense plant	No	
SMALL SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	CHR3	671	Chrysobalanus icaco 'Red Tip' / Red Tip Cocoplum 18" HT., 18" SPR., 18" O.C., Full dense plant	Yes	High
	HAM3	247	Hamelia patens 'Compacta' / Dwarf Scarlet Bush 18" HT., 18" SPR., 24" O.C., Full dense plant	Yes	High
	IXY	128	Ixora coccinea 'Maui Yellow' / Maui Ixora Yellow 18-24" HT. 18" SPR., DISEASE FREE, FULL Dense Shrub, 24" O.C.	No	Medium
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	ILX3	1,755	Ilex vomitoria 'Stokes Dwarf' / Dwarf Yaupon 12" HT., 12" SPR., 24" O.C., Full dense plant	Yes	High
	JUN3	111	Juniperus chinensis 'Parsoni' / Parsoni Juniper 12" HT., 12" SPR., 24" O.C., Full dense plant	No	Very
	LIR	294	Liriope muscari 'Super Blue' / Super Blue Liriope 16" HT., 16" SPR., 18" O.C. FULL DENSE CLUMP	No	Medium
GROUNDCOVERS	CODE	QTY	BOTANICAL / COMMON NAME	NATIVE	DROUGHT TOLERANT
	CYR	52	Cyrtomium falcatum / Holly Fern 18" HT., 18" SPR., 18" O.C., Full dense plant	No	Medium
	ERN	330	Ernodea littoralis / Golden Creeper 12" HT., 10" SPR., 12" O.C. Full dense plant	Yes	High
	TRA	841	Trachelospermum asiaticum 'Minima' / Minima Jasmine 6" HT., 6" SPR., 18" O.C., Full dense plant	No	Low
SOD	CODE	QTY	BOTANICAL NAME / COMMON NAME	NATIVE	DROUGHT TOLERANT
	TBD IN FIELD		Slenotaphrum secundatum 'Floritam' / St. Augustine Sod 'Floritam' 2" Thick Mat and Fully Rooted, Disease and weed free, laid tightly, Stagger Joints, contractor to verify quantity	N/A	N/A



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