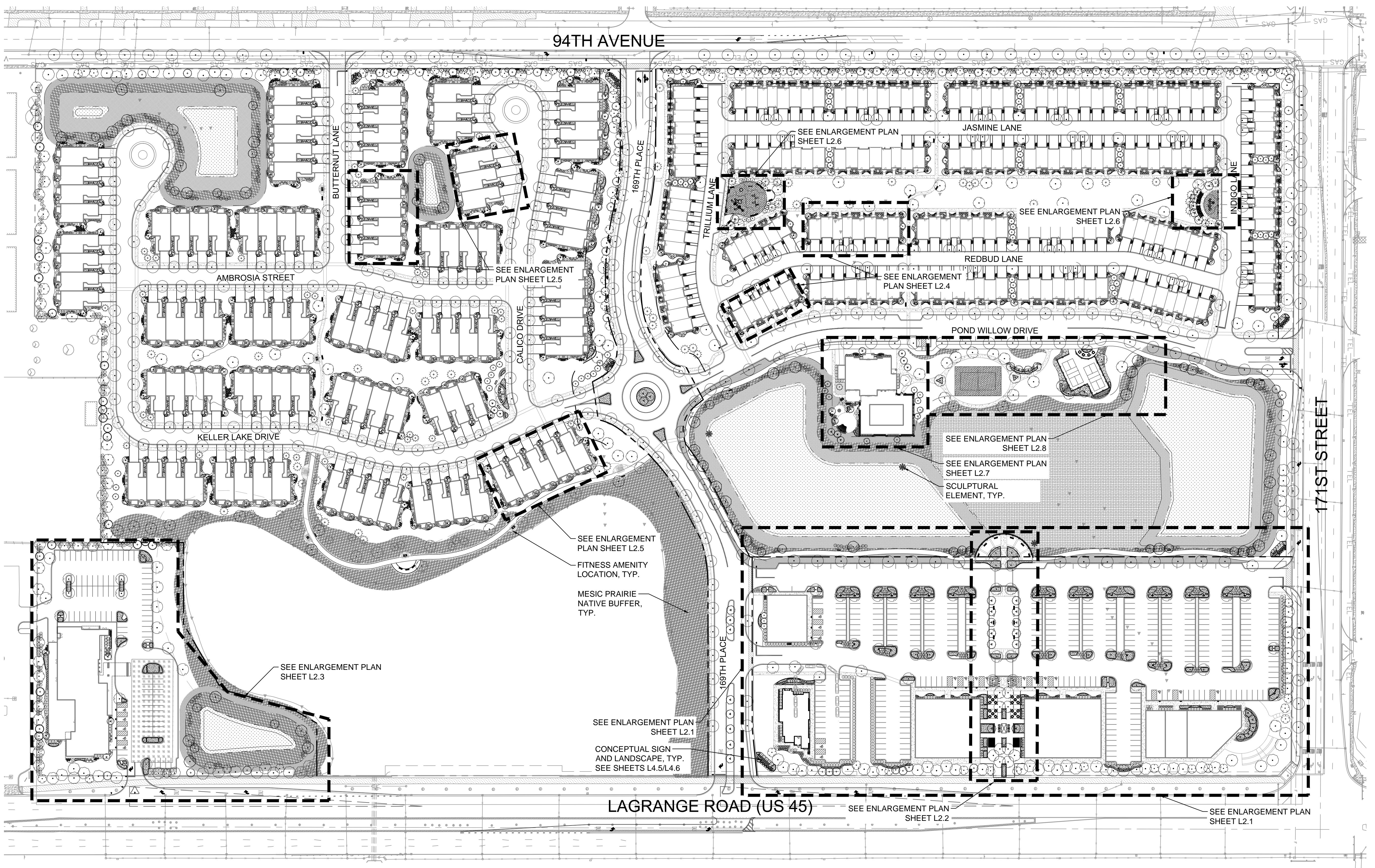


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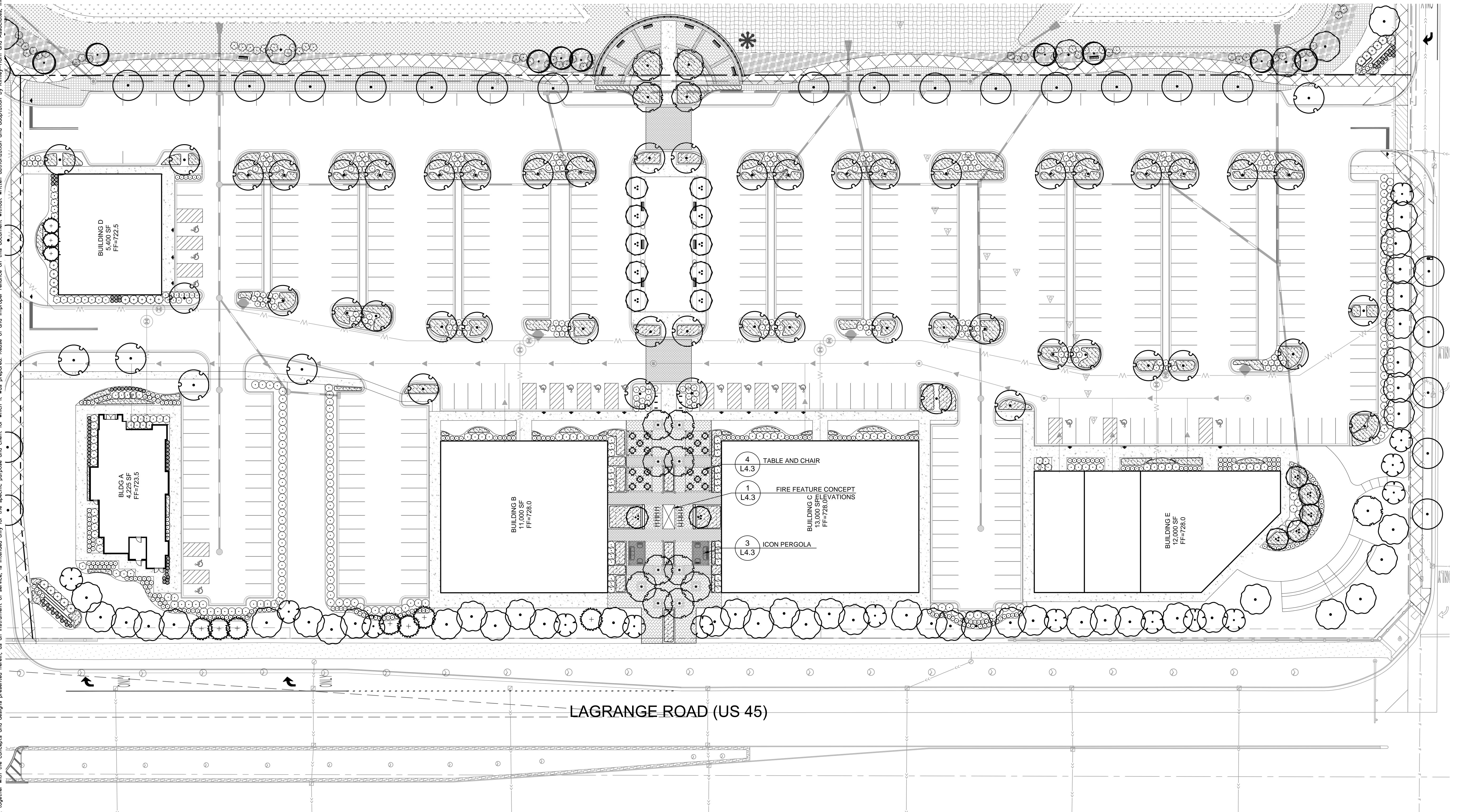
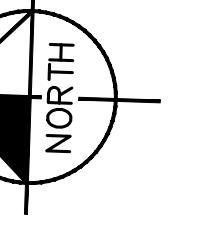


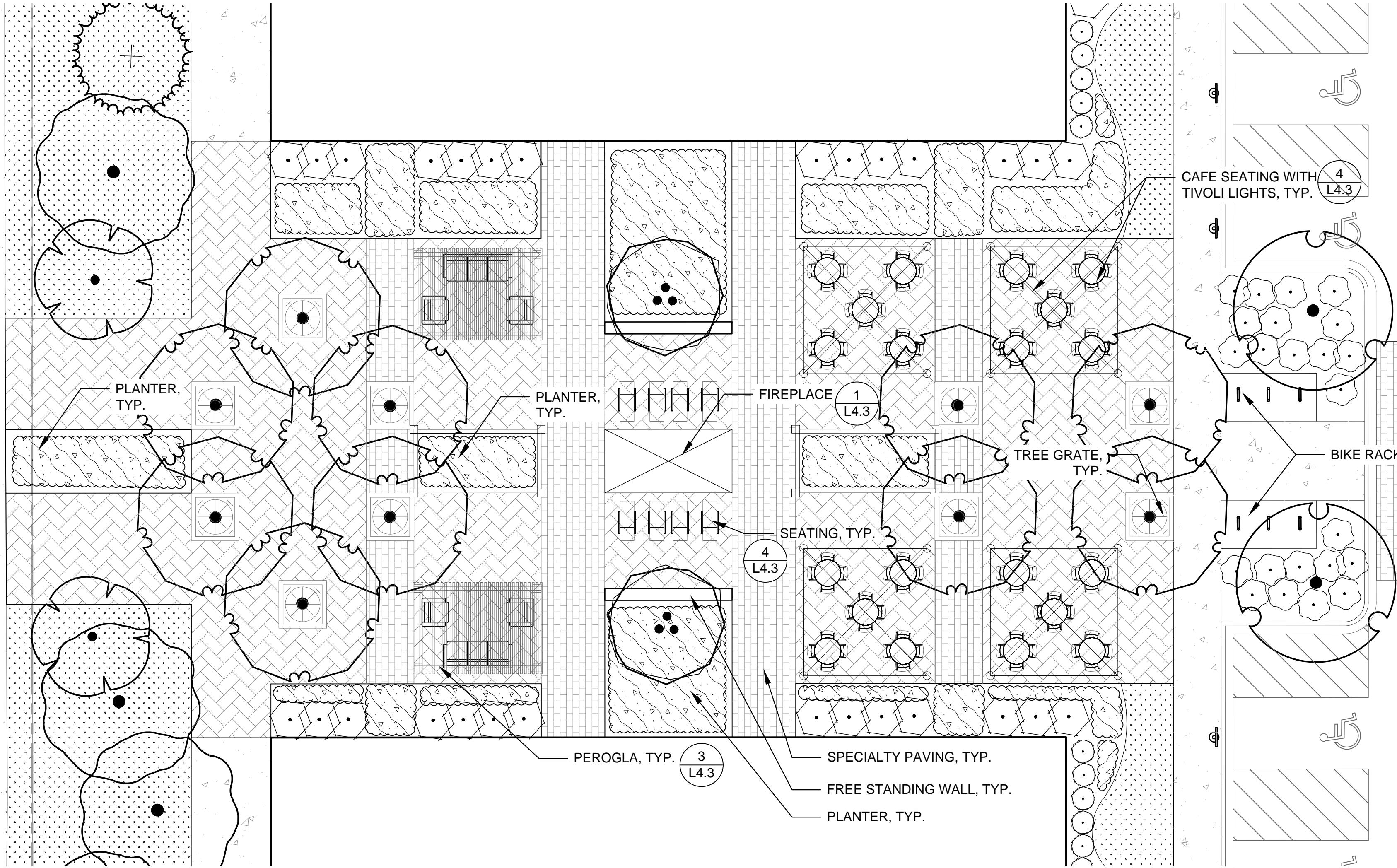
SITE LANDSCAPE REQUIREMENT CALCULATIONS		
ORDINANCE	REQUIREMENT CALCULATION	LANDSCAPING PROVIDED
6-305-D.4 - LANDSCAPE BUFFERYARDS	NA PROJECT AREA HAS NO SIDE OR REAR YARDS	NA
6-305-D.5.a - FOUNDATION LANDSCAPING	A MINIMUM 10' WIDE ON AVERAGE FOUNDATION LANDSCAPE AREA ALONG 100% OF ALL BUILDING FAÇADES FRONTING PUBLIC STREETS, EXCEPT WHERE BUILDING ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY. A MINIMUM 7' WIDE FOUNDATION LANDSCAPE AREA IS PROVIDED ALONG 65% OF ALL BUILDING FAÇADES NOT FRONTING A PUBLIC STREET, EXCEPT WHERE BUILDING ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY. ON AVERAGE, A MINIMUM OF 1 ORNAMENTAL TREE AND SIXTEEN SHRUBS OR ORNAMENTAL GRASSES FOR EVERY 100' OF BUILDING FACE.	10' WIDE AVERAGE FOUNDATION LANDSCAPE AREA ALONG BUILDING FAÇADES FRONTING PUBLIC STREETS. 7' WIDE AVERAGE FOUNDATION AREA ALONG 100% OF BUILDING FAÇADES NOT FRONTING A PUBLIC STREET.

6-305-D.5.b - INTERIOR LOT LANDSCAPING	A MINIMUM OF 1 TREE PER 10,000 SF OF LOT AREA APPROX. PROJECT AREA = 321,472 SF 321,472 / 10,000 = 32 TREES	32 TREES
6-305-D.6.a.1 - PERIMETER PARKING LOT SCREENING	ALL PARKING LOTS SIGNIFICANTLY SCREENED FROM ADJACENT PROPERTIES AND STREETS	PARKING LOTS SCREENED FROM ADJACENT STREETS
6-305-D.6.a.2 - PARKING LOT ISLAND LANDSCAPING	1 PARKING LOT ISLAND FOR EVERY 10 PARKING SPACES. 1 SHADE TREE PER PARKING ISLAND. SHRUBS, ORNAMENTAL GRASSES, PERENNIALS AND GROUND COVERS ADDITION TO TREES IN ISLANDS. TOTAL PARKING SPACES = 390 390/ 10 = 39 ISLANDS / TREES	42 TREES

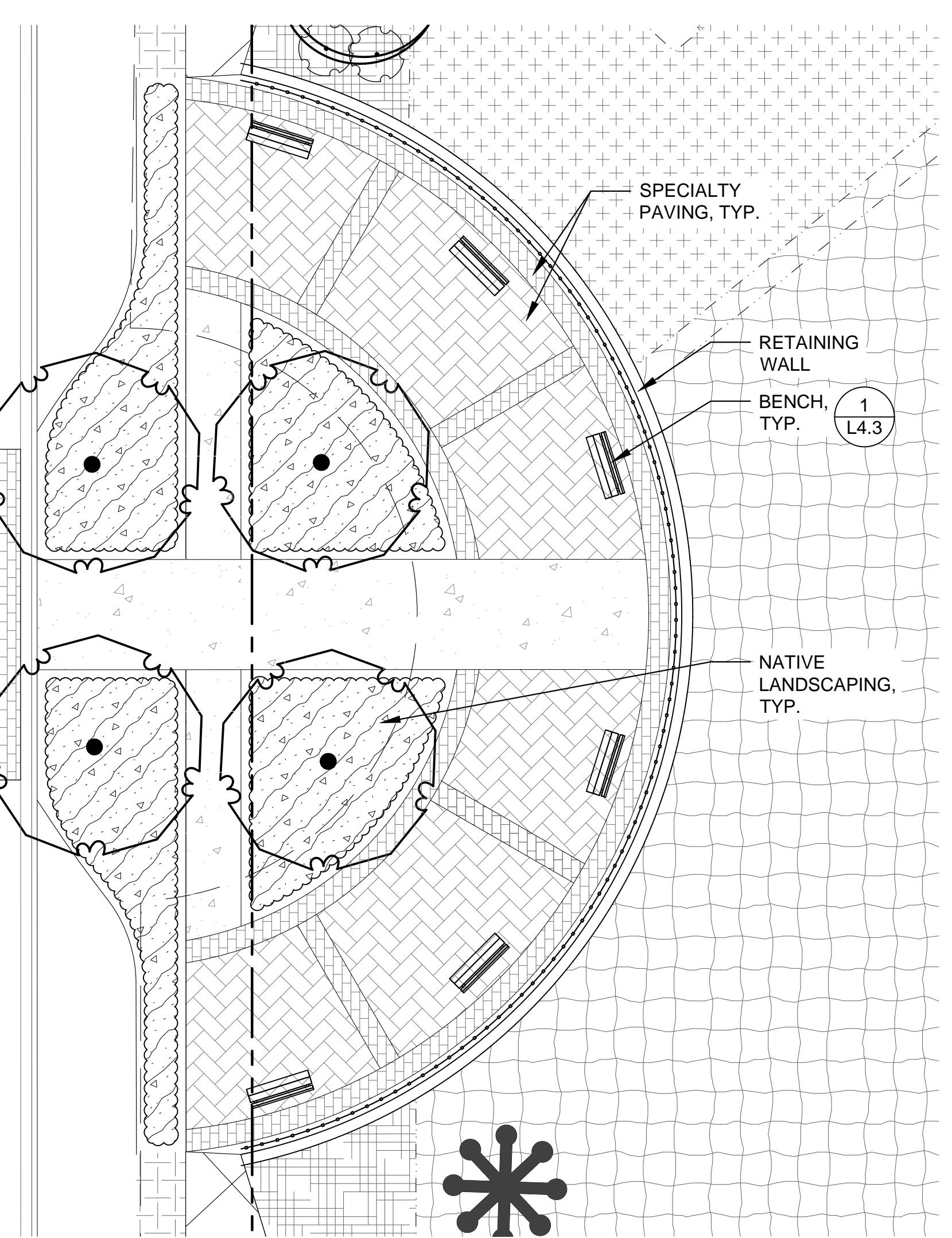
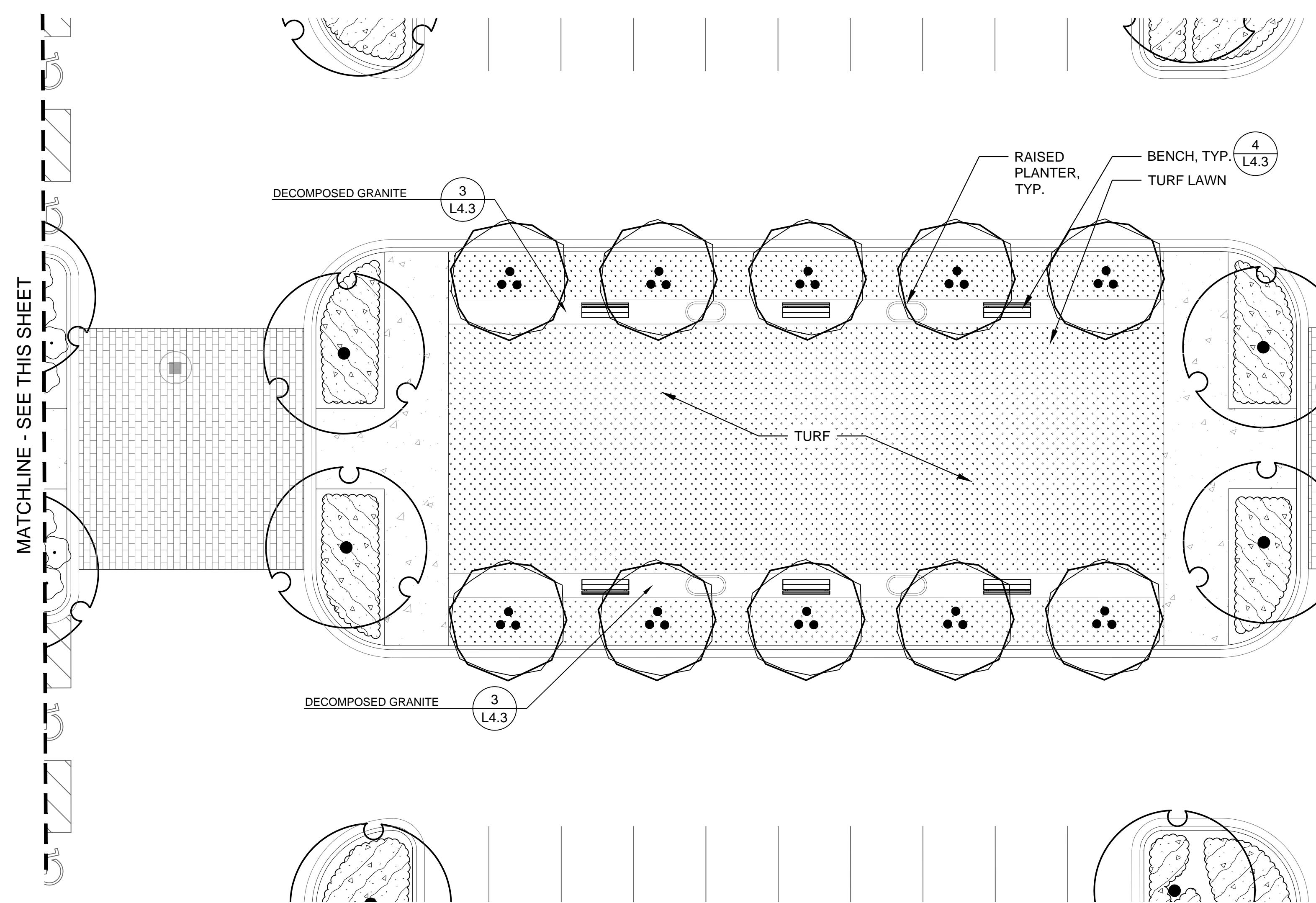


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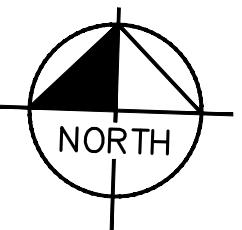


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LANDSCAPE ARCHITECTURE

LORMAX STERN
LANDSCAPE ARCHITECTURE

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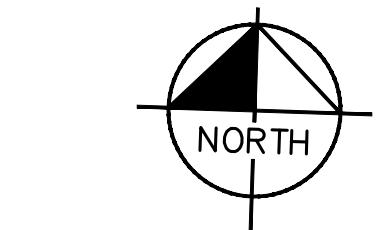
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LAGRANGE ROAD & 171ST STREET
ORLAND PARK, IL 60487

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07/13/2018
KHA PROJECT NO.
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L2.2

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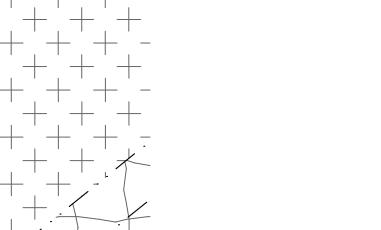
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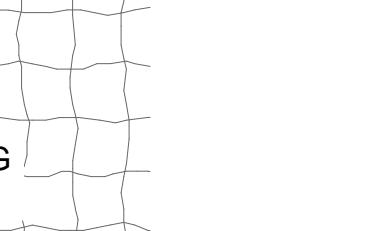
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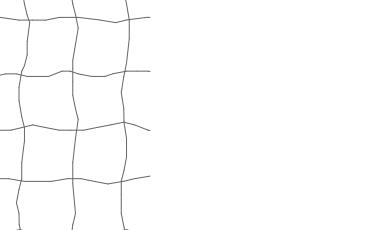
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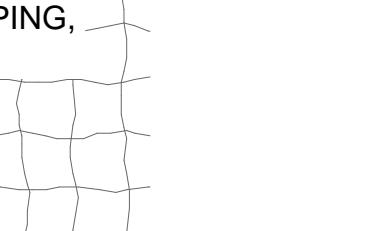
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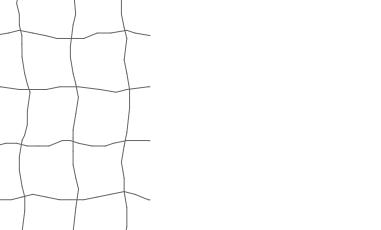
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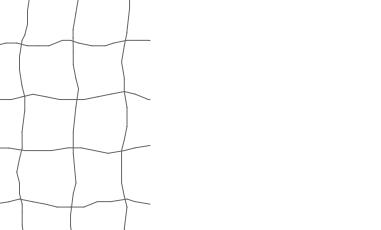
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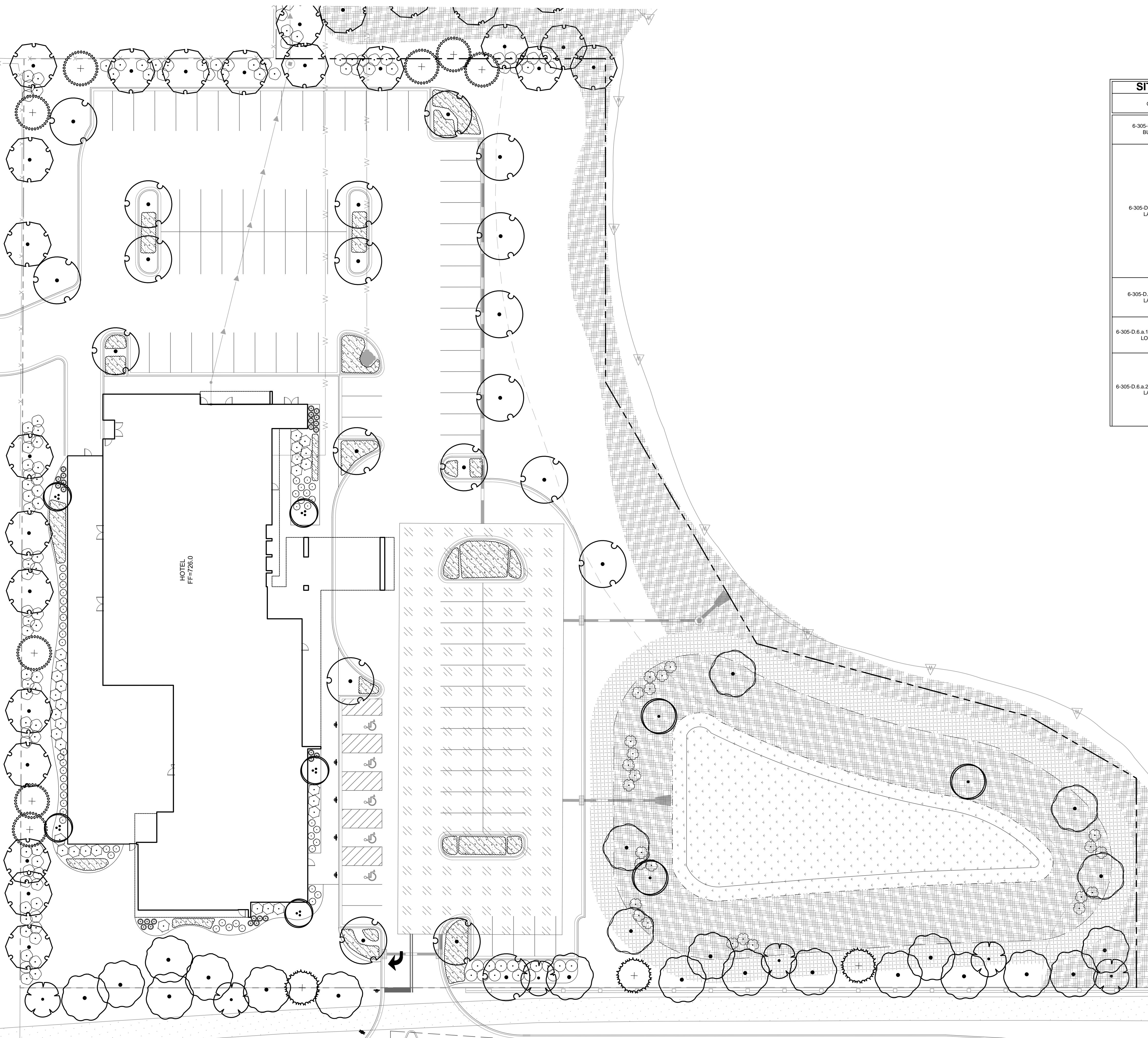
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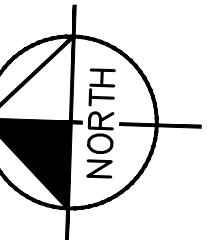
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SITE LANDSCAPE REQUIREMENT CALCULATIONS		
ORDINANCE	REQUIREMENT CALCULATION	LANDSCAPING PROVIDED
6-305-D.4 - LANDSCAPE BUFFERYARDS	NA PROJECT AREA HAS NO SIDE OR REAR YARDS	NA
6-305-D.5.a - FOUNDATION LANDSCAPING	A MINIMUM 10' WIDE ON AVERAGE FOUNDATION LANDSCAPE AREA ALONG 50% OF ALL BUILDING FACADES FRONTING PUBLIC STREETS, EXCEPT WHERE BUILDING ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY. A MINIMUM 10' WIDE FOUNDATION LANDSCAPE AREA SHALL BE PROVIDED ALONG 50% OF ALL BUILDING FACADES NOT FRONTING A PUBLIC STREET, EXCEPT WHERE BUILDING ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY. ON AVERAGE, A MINIMUM OF 1 ORNAMENTAL TREE AND SIXTEEN SHRUBS OR ORNAMENTAL GRASSES FOR EVERY 100' OF BUILDING FACE.	10' WIDE AVERAGE FOUNDATION LANDSCAPE AREA ALONG BUILDING FACADES FRONTING PUBLIC STREETS. 7' WIDE AVERAGE FOUNDATION AREA ALONG 100% OF BUILDING FACADES NOT FRONTING A PUBLIC STREET.
6-305-D.5.b - INTERIOR LOT LANDSCAPING	A MINIMUM OF 1 TREE PER 10,000 SF OF LOT AREA APPROX. PROJECT AREA = 123,710 SF 123,710 / 10,000 = 12 TREES	12 TREES
6-305-D.6.a.1 - PERIMETER PARKING LOT SCREENING	ALL PARKING LOTS SIGNIFICANTLY SCREENED FROM ADJACENT PROPERTIES AND STREETS	PARKING LOTS SCREENED FROM ADJACENT STREETS
6-305-D.6.a.2 - PARKING LOT ISLAND LANDSCAPING	1 PARKING LOT ISLAND FOR EVERY 10 PARKING SPACES. 1 SHADE TREE PER PARKING ISLAND. SHRUBS, ORNAMENTAL GRASSES, PERENNIALS AND GROUND COVERS IN ADDITION TO TREES IN ISLANDS. TOTAL PARKING SPACES = 82 82 / 10 = 8 ISLANDS / TREES	8 TREES

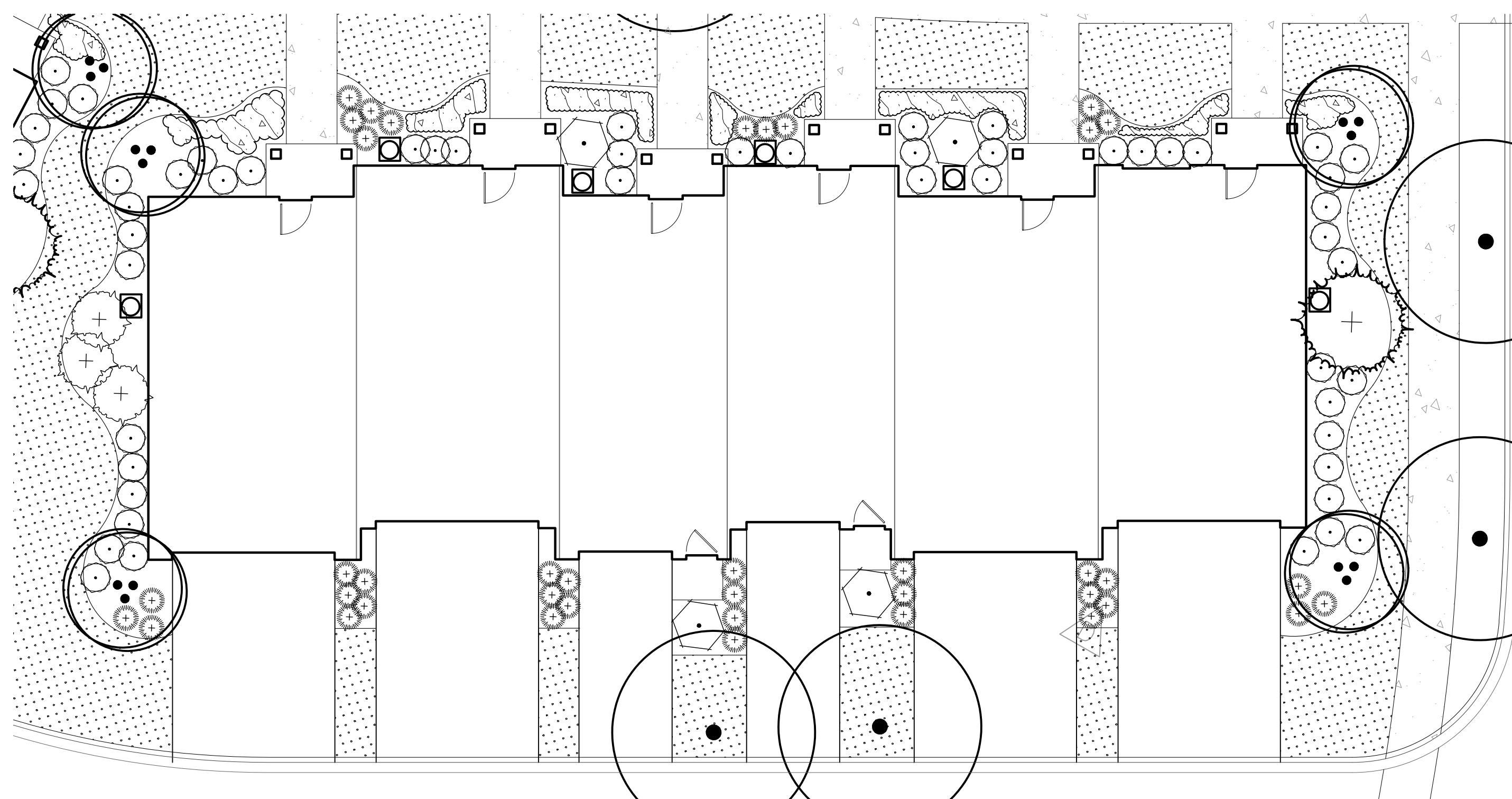
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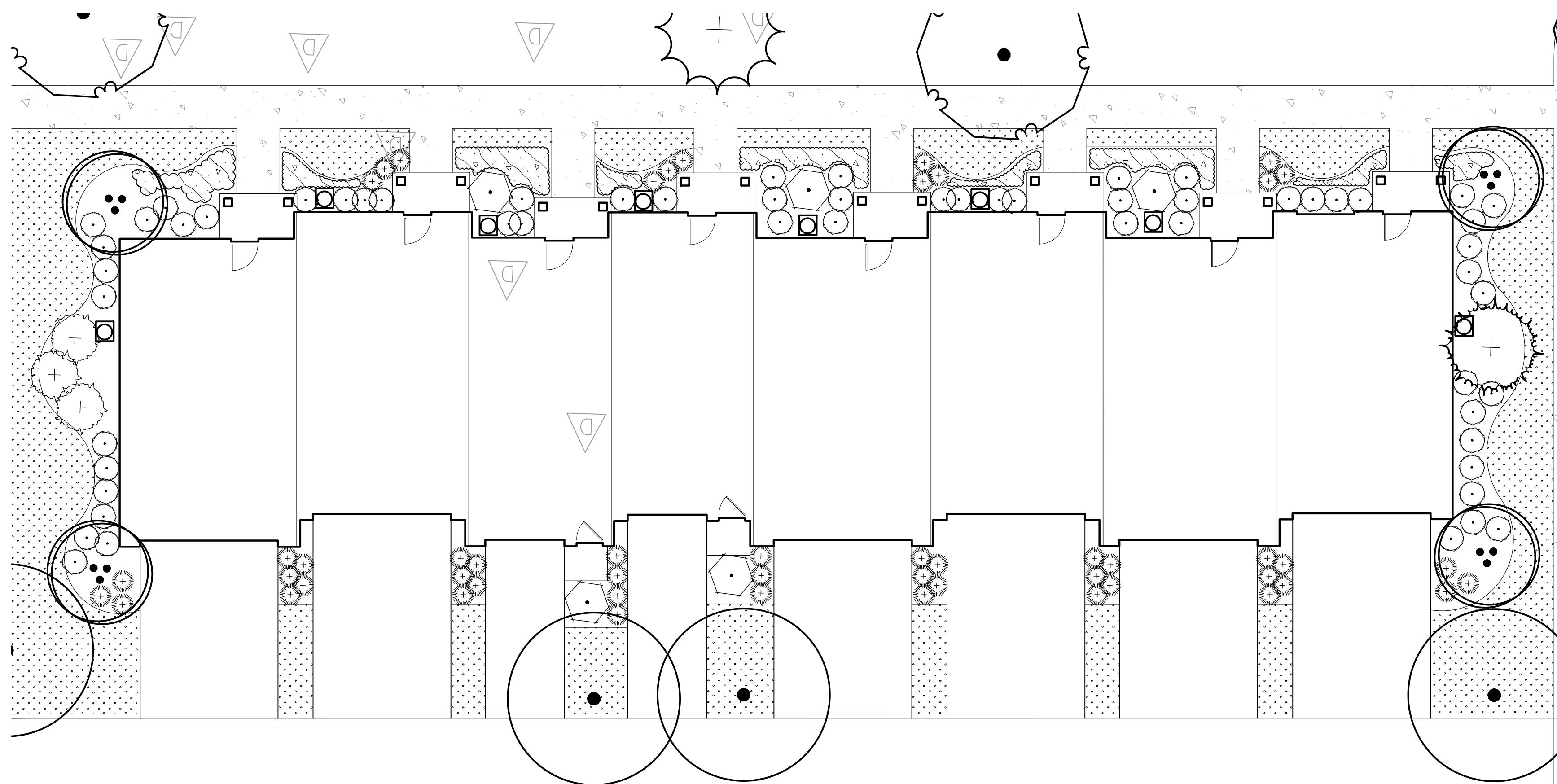
LORMAX STERN
LANDSCAPE ARCHITECTURE

**HOTEL
PRELIMINARY
LANDSCAPE
PLAN**

ORLAND RIDGE
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ORLAND PARK, IL 60487
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07/13/2018
KHA PROJECT NO.
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APARTMENT BUILDING A LANDSCAPE PROTOTYPE



APARTMENT BUILDING B LANDSCAPE PROTOTYPE

SITE LANDSCAPE REQUIREMENT CALCULATIONS		
ORDINANCE	REQUIREMENT CALCULATION	LANDSCAPING PROVIDED
6-305-D.5.a - FOUNDATION LANDSCAPING	<p>A MINIMUM 10' WIDE ON AVERAGE FOUNDATION LANDSCAPE AREA ALONG 100% OF ALL BUILDING FACADES FRONTING PUBLIC STREETS, EXCEPT WHERE BUILDING ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY.</p> <p>A MINIMUM 7' WIDE FOUNDATION LANDSCAPE AREA ALONG 100% OF ALL BUILDING FACADES NOT FRONTING A PUBLIC STREET, EXCEPT WHERE BUILDING ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY.</p> <p>ON AVERAGE, A MINIMUM OF 1 ORNAMENTAL TREE AND SIXTEEN SHRUBS OR ORNAMENTAL GRASSES FOR EVERY 100' OF BUILDING FACE.</p>	<p>10' WIDE AVERAGE FOUNDATION LANDSCAPE AREA ALONG BUILDING FACADES FRONTING PUBLIC STREETS, EXCEPT 7' WIDE AVERAGE FOUNDATION AREA ALONG 100% OF BUILDING FACADES NOT FRONTING A PUBLIC STREET.</p>

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LANDSCAPE ARCHITECTURE

LORMAX STERN
LORMAX STERN

APARTMENTS
PRELIMINARY
LANDSCAPE
PLAN

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LAGRANGE ROAD & 171ST STREET
ORLAND PARK, IL 60487

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Orlando Park || \2_Design\CAD\PlanSheets\120 - LANDSCAPE PLAN dual
125 TOWNHOME PRELIMINARY LANDSCAPE PLAN
10-39am Feb 06 2019 hvr
jesse cannell
kmlev-horizon\mch\sch\dev16862000 SR .Jacobson
Orlando Park

06 2019 10:39am hvr jesse co

25 TOWNHOME PREIMINARY | ANDSCAPE PLAN

This architectural site plan illustrates a residential complex with the following key features:

- Buildings:** The complex consists of 10 rectangular buildings arranged in two rows of five. The buildings are primarily light-colored with dark outlines. Some buildings have small square symbols (a circle with a plus sign, a circle with a minus sign, a circle with a dot, or a square with a circle) on their facades.
- Landscaping:** The property is surrounded by a variety of landscaping elements. In the foreground, there are several circular flower beds containing small trees or shrubs. The background features larger, more complex shrubbery and trees, some with distinct cloud-like or leaf-like patterns. A central area contains several large, rounded trees.
- Driveways and Roads:** A network of roads and driveways connects the buildings. A prominent road runs horizontally across the bottom of the site. Several driveways lead from the roads to the buildings, with one driveway on the far left ending in a circular turnaround.
- Walls and Fences:** A large, light-colored wall or fence runs horizontally across the middle of the site, separating the buildings from the background landscaping.
- Ground Cover:** The ground is covered with a stippled pattern, representing grass or ground cover.

reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

TOWNHOME BUILDING A LANDSCAPE PROTOTYPE

A black and white line drawing of a complex, symmetrical structure, possibly a microscopic view of a cell or a stylized architectural plan. The drawing features a central vertical axis with several vertical columns of rounded shapes. These columns are interconnected by horizontal lines and various smaller shapes like triangles and hexagons. The entire structure is enclosed within a large, irregular boundary. The style is minimalist and geometric, using only black lines on a white background.

TOWNHOME BUILDING B LANDSCAPE PROTOTYPE

A detailed black and white line drawing of a complex, symmetrical structure, possibly a plant or a microscopic organism. The drawing features a central vertical axis with several horizontal cross-sections. Each section contains various cellular or vesicular components, some with internal structures like dots or crosses. The overall shape is elongated and somewhat bulbous at the ends, with a wavy line on the right side.

TOWNHOME BUILDING C LANDSCAPE PROTOTYPE



A horizontal scale bar labeled "GRAPHIC SCALE IN FEET" at the top. The scale is marked with numerical values 0, 5, 10, and 20. The segment between 0 and 5 is white, the segment between 5 and 10 is black, and the segment between 10 and 20 is white. Below the scale, there are three horizontal lines: a thin white line at the 5 mark, a thick black line at the 10 mark, and a thin white line at the 20 mark.

SITE LANDSCAPE REQUIREMENT CALCULATIONS		
ORDINANCE	REQUIREMENT CALCULATION	LANDSCAPING PROVIDED
6-305-D.5.a - FOUNDATION LANDSCAPING	<p>A MINIMUM 10' WIDE ON AVERAGE FOUNDATION LANDSCAPE AREA ALONG 100% OF ALL BUILDING FACADES FRONTING PUBLIC STREETS, EXCEPT WHERE BUILDING ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY.</p> <p>A MINIMUM 7' WIDE FOUNDATION LANDSCAPE AREA SHALL BE PROVIDED ALONG 50% OF ALL BUILDING FACADES NOT FRONTING A PUBLIC STREET, EXCEPT WHERE BUILDING ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY.</p> <p>ON AVERAGE, A MINIMUM OF 1 ORNAMENTAL TREE AND SIXTEEN SHRUBS OR ORNAMENTAL GRASSES FOR EVERY 100' OF BUILDING FACE.</p>	<p>10' WIDE AVERAGE FOUNDATION LANDSCAPE AREA ALONG BUILDING FACADES FRONTING PUBLIC STREETS. 7' WIDE AVERAGE FOUNDATION AREA ALONG 100% OF BUILDING FACADES NOT FRONTING A PUBLIC STREET.</p>

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The logo for S.R. Jacobson Development Corporation. It features the company name "S.R. JACOBSON" in a large, bold, serif font, with "DEVELOPMENT CORPORATION" in a smaller, all-caps serif font below it. The entire logo is set against a black rectangular background, which is itself centered within a larger white rectangular frame.

TOWNHOME PRELIMINARY LANDSCAPE PLAN

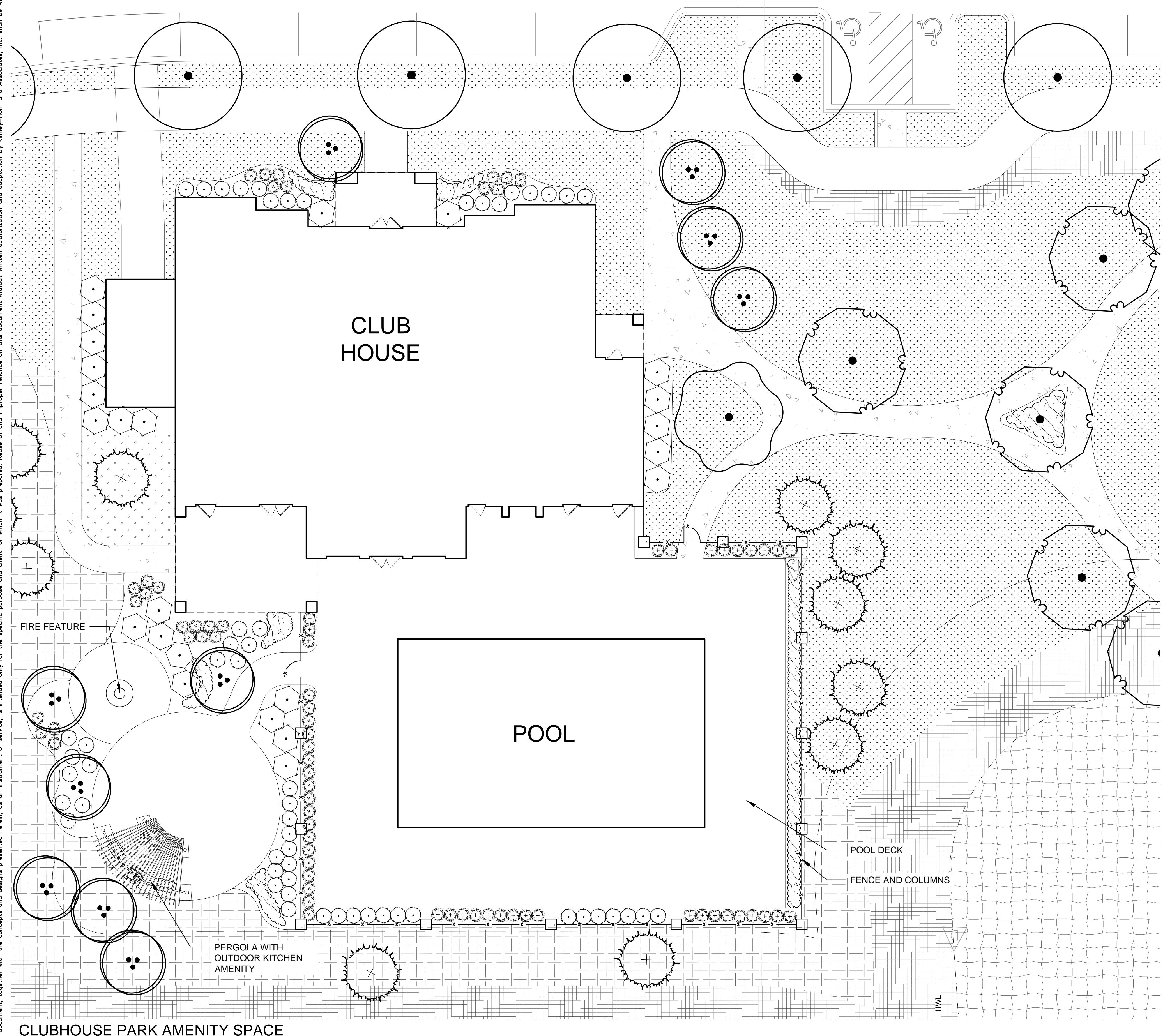
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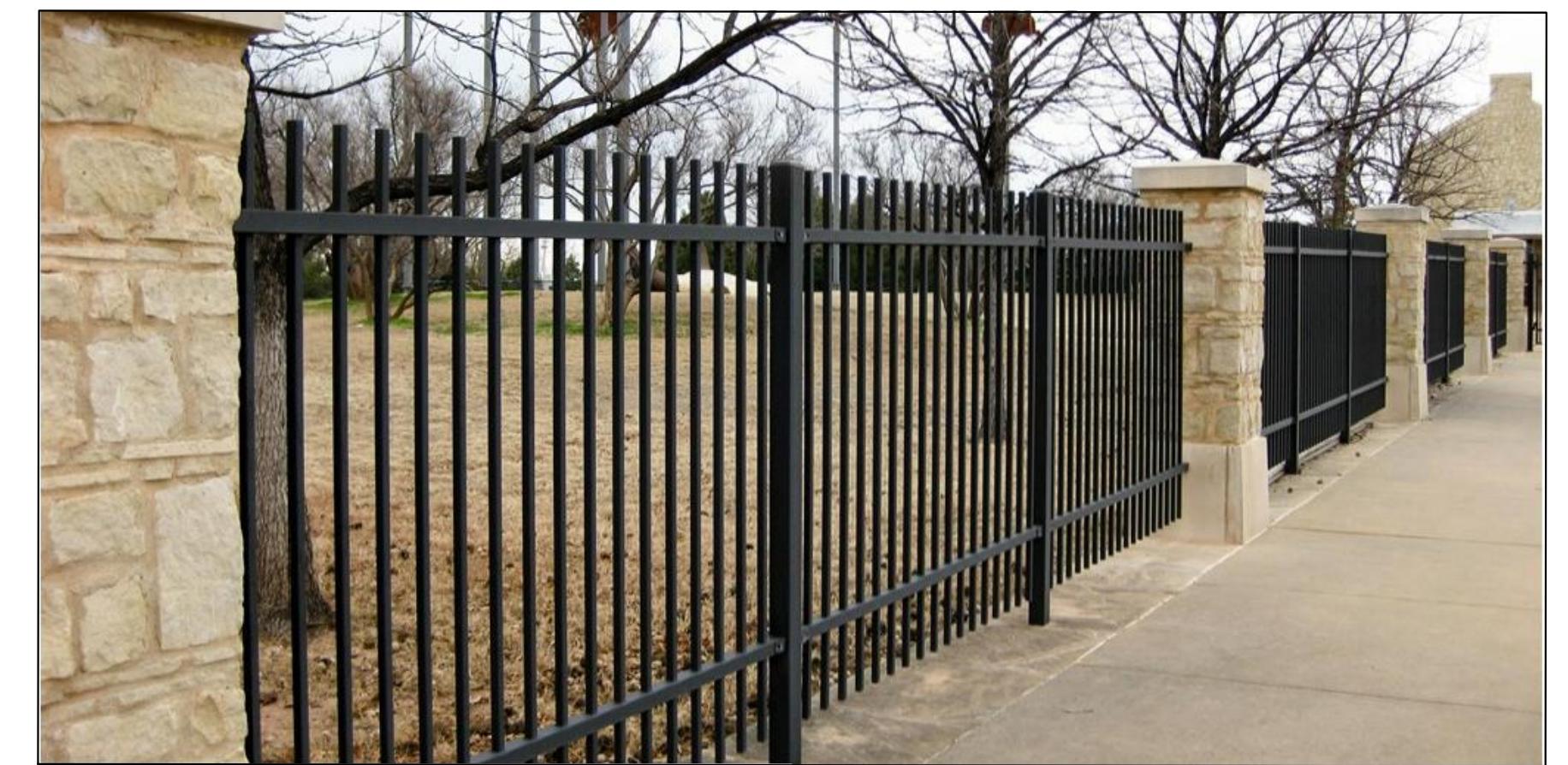
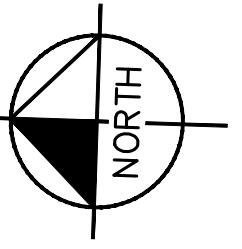
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CLUBHOUSE PARK AMENITY SPACE



FENCE AND COLUMN

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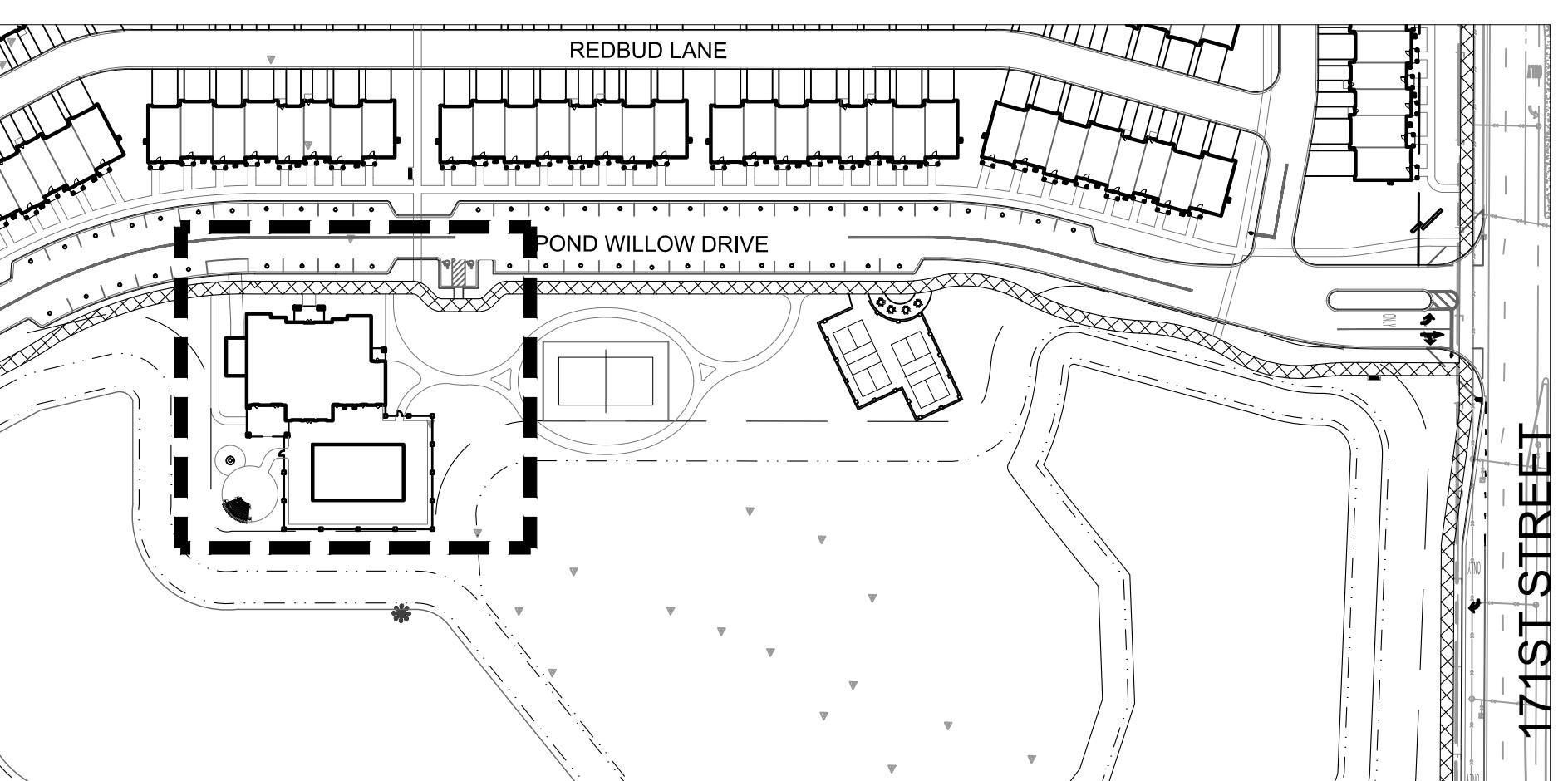
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LORMAX STERN
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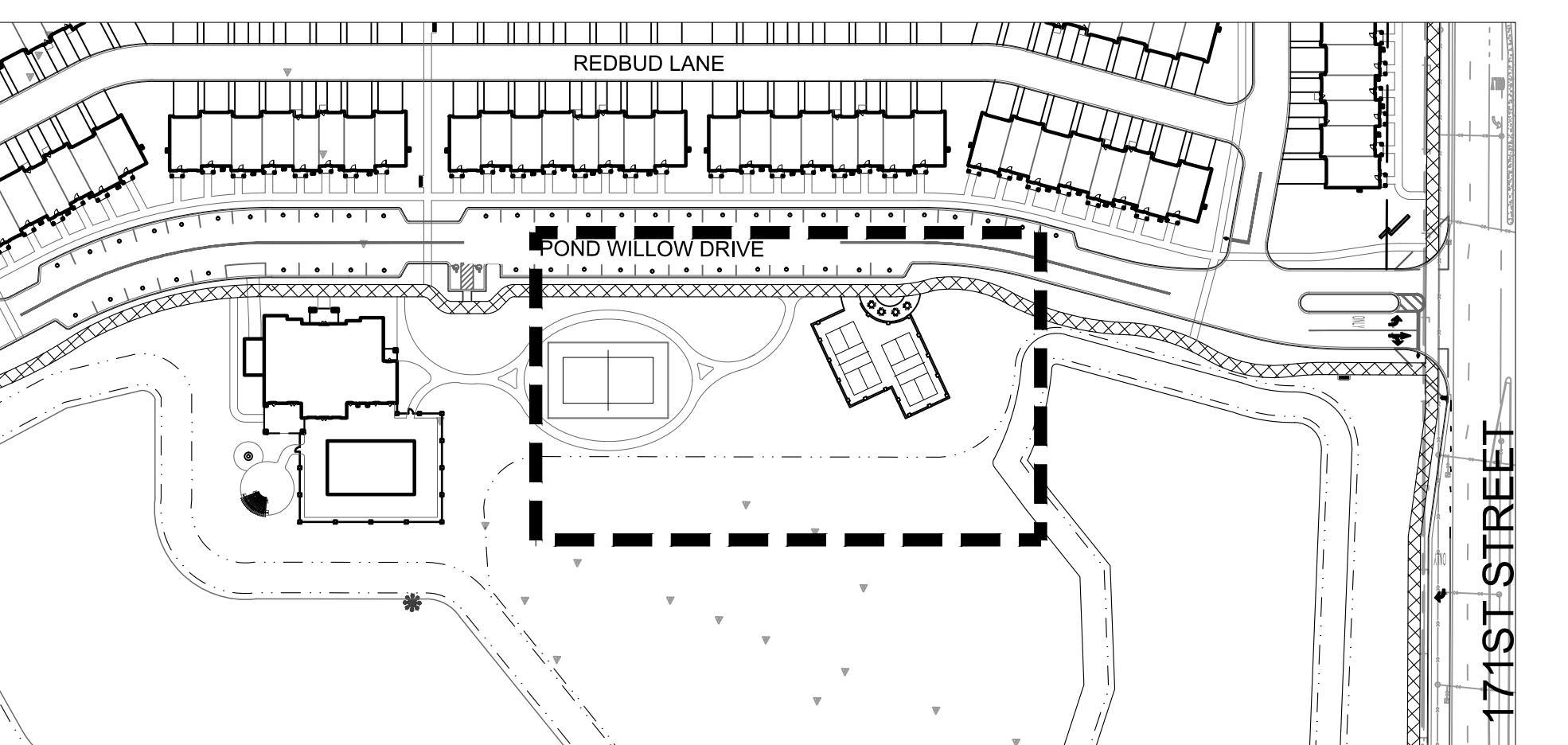
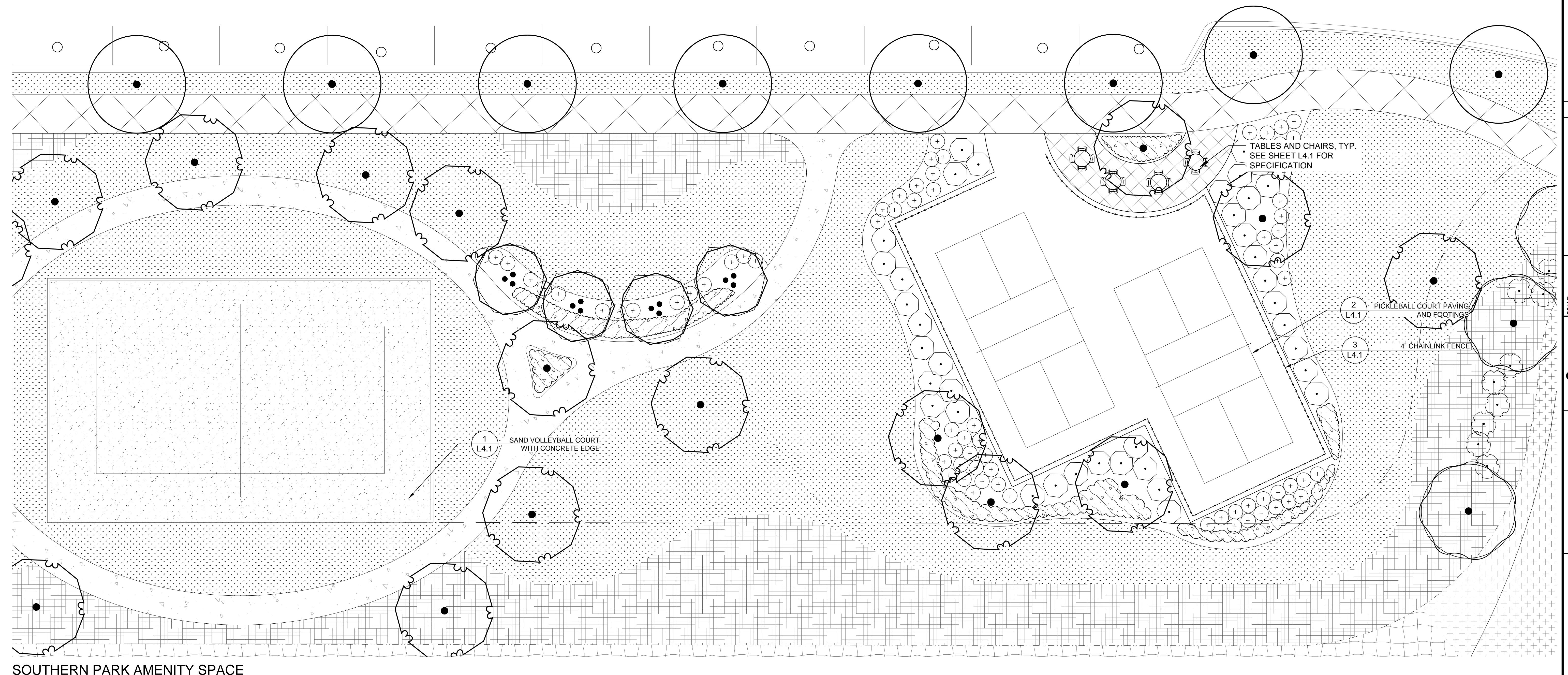
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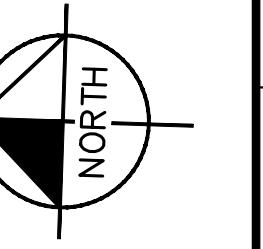
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LOCATION MAP

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LANDSCAPE ARCHITECTURE

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AREAS**

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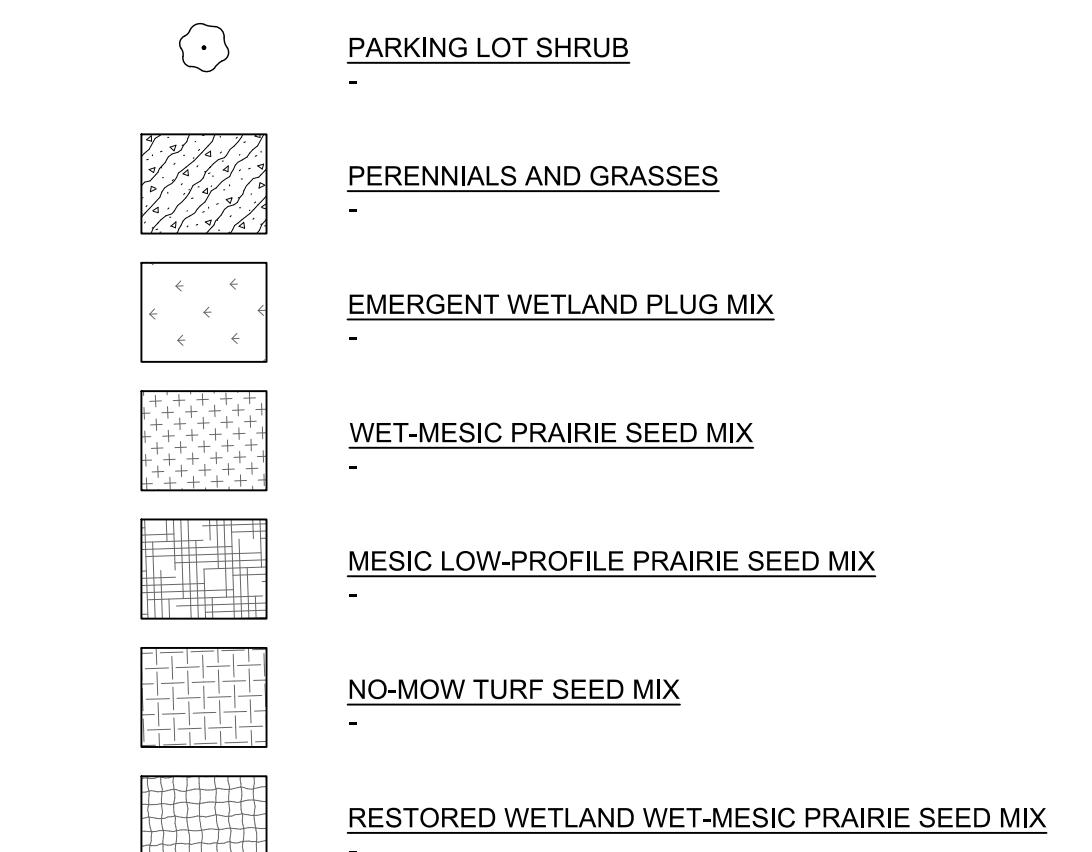
LANDSCAPE REQUIREMENT CALCULATIONS		
ORDINANCE	REQUIREMENT CALCULATION	LANDSCAPING PROVIDED
6-305-D-2 - LANDSCAPE PARKWAYS: 94TH AVE	PARKWAY TREES SPACED 40' O.C.	PROVIDED AT 40' O.C.
6-305-D-2 - LANDSCAPE PARKWAYS: LAGRANGE ROAD	PARKWAY TREES SPACED 40' O.C.	EXISTING TREES PROVIDED AT 40' O.C.
6-305-D-2 - LANDSCAPE PARKWAYS: 171ST STREET	PARKWAY TREES SPACED 40' O.C.	PROVIDED AT 40' O.C.
RESIDENTIAL INTERIOR ROADS	PARKWAY TREES SPACED 40' O.C.	PROVIDED AT 40' O.C.
6-305-D-3 - LANDSCAPE CORRIDORS: LAGRANGE ROAD - HOTEL SECTION (ARTERIAL CORRIDOR)	4 SHADE TREES, 2 ORNAMENTAL OR EVERGREEN TREES PER 100' CORRIDOR LENGTH = 454.5 LF 450.57 / 100 = 4.545 X 4 = 18 SHADE TREES 4.5 X 2 = 9 ORNAMENTAL OR EVERGREEN TREES 18 SHADE TREES 9 ORNAMENTAL OR EVERGREEN TREES	9 ORNAMENTAL OR EVERGREEN TREES
6-305-D-3 - LANDSCAPE CORRIDORS: LAGRANGE ROAD COMMERCIAL SECTION (ARTERIAL CORRIDOR)	4 SHADE TREES, 2 ORNAMENTAL OR EVERGREEN TREES PER 100' CORRIDOR LENGTH = 897.2 LF 897.2 / 100 = 8.97 8.97 X 4 = 36 (36.88) SHADE TREES 8.97 X 2 = 18 (17.94) ORNAMENTAL OR EVERGREEN TREES 36 SHADE TREES 18 ORNAMENTAL OR EVERGREEN TREES	18 ORNAMENTAL OR EVERGREEN TREES
6-305-D-3 - LANDSCAPE CORRIDORS: 171ST STREET (TYPICAL CORRIDOR)	3 SHADE TREES, 1 ORNAMENTAL OR EVERGREEN TREES PER 100' CORRIDOR LENGTH = 1078.22 LF 1078.22 / 100 = 10.78 10.78 X 3 = 32 (32.34) SHADE TREES 10.78 X 1 = 11 (10.78) ORNAMENTAL OR EVERGREEN TREES 32 SHADE TREES 11 ORNAMENTAL OR EVERGREEN TREES	11 ORNAMENTAL OR EVERGREEN TREES
6-305-D-3 - LANDSCAPE CORRIDORS: 94TH AVE (TYPICAL CORRIDOR)	3 SHADE TREES, 1 ORNAMENTAL OR EVERGREEN TREES PER 100' CORRIDOR LENGTH = 392 LF 392 / 100 = 3.92 3.92 X 3 = 12 (1.76) SHADE TREES 3.92 X 1 = 4 (3.92) ORNAMENTAL OR EVERGREEN TREES 12 SHADE TREES 4 ORNAMENTAL OR EVERGREEN TREES	4 ORNAMENTAL OR EVERGREEN TREES
6-305-D-3 - LANDSCAPE CORRIDORS: 94TH AVE (ENHANCED CORRIDOR)	RECOMMENDED PLANTING 2 SHADE TREES, 3 ORNAMENTAL TREES, 2 EVERGREEN TREES, 2 SMALL EVERGREEN TREES, 10 SHRUBS, 8 GRASSES PER 100' CORRIDOR LENGTH = 1636.5 LF 1636.5 / 100 = 16.36 16.36 X 2 = 33 (22.72) SHADE TREES 16.36 X 3 = 49 (ORNAMENTAL TREES) 16.36 X 2 = 33 (32.72) EVERGREEN TREES 16.36 X 10 = 164 (163.6) SHRUBS 16.36 X 8 = 131 (130.88) GRASSES 33 SHADE TREES 49 ORNAMENTAL TREES 33 EVERGREEN TREES 164 SHRUBS 131 GRASSES	33 SHADE TREES 49 ORNAMENTAL TREES 33 EVERGREEN TREES 164 SHRUBS 131 GRASSES
6-305-D-4 - LANDSCAPE BUFFERYARDS - RESIDENTIAL ADJACENT TO RESIDENTIAL (TOWNHOMES), NORTH PROPERTY LINE (BUFFER TYPE 1)	3 SHADE TREES, 1 EVERGREEN OR ORNAMENTAL TREE, AND 16 SHRUBS PER 100' LENGTH: 425 LF 425 / 100 = 4.25 4.25 X 3 = (12.75) 13 SHADE TREES 4.25 X 1 = (4.25) 5 EVERGREEN TREES 4.25 X 16 = 68 SHRUBS 13 SHADE TREES PROVIDED 5 EVERGREEN TREES PROVIDED 68 SHRUBS PROVIDED	13 SHADE TREES PROVIDED 5 EVERGREEN TREES PROVIDED 68 SHRUBS PROVIDED
6-305-D-4 - LANDSCAPE BUFFERYARDS - RESIDENTIAL ADJACENT TO NON-RESIDENTIAL (PARK/OPEN SPACE), WEST PROPERTY LINE (BUFFER TYPE 1)	3 SHADE TREES, 1 EVERGREEN OR ORNAMENTAL TREE, AND 16 SHRUBS PER 100' LENGTH: 114 LF 114 / 100 = 1.14 1.14 X 3 = (3.42) 3 SHADE TREES 1.14 X 1 = (1.14) 1 EVERGREEN TREES 1.14 X 16 = (18.24) 18 SHRUBS 3 SHADE TREES PROVIDED 1 EVERGREEN TREES PROVIDED 18 SHRUBS PROVIDED	3 SHADE TREES PROVIDED 1 EVERGREEN TREES PROVIDED 18 SHRUBS PROVIDED
6-305-D-4 - LANDSCAPE BUFFERYARDS - RESIDENTIAL ADJACENT TO NON-RESIDENTIAL (PARK/OPEN SPACE), NORTH PROPERTY LINE (BUFFER TYPE 1)	3 SHADE TREES, 1 EVERGREEN OR ORNAMENTAL TREE, AND 16 SHRUBS PER 100' LENGTH: 98 LF 98 / 100 = 0.98 0.99 X 3 = (2.97) 3 SHADE TREES 0.99 X 1 = (0.99) 1 EVERGREEN TREES 0.99 X 16 = (15.84) 16 SHRUBS 3 SHADE TREES PROVIDED 1 EVERGREEN TREES PROVIDED 16 SHRUBS PROVIDED	3 SHADE TREES PROVIDED 1 EVERGREEN TREES PROVIDED 16 SHRUBS PROVIDED
6-305-D-4 - LANDSCAPE BUFFERYARDS - RESIDENTIAL ADJACENT TO NON-RESIDENTIAL (WAREHOUSE), NORTH PROPERTY LINE (BUFFER TYPE 2)	4 SHADE TREES, 2 EVERGREEN OR ORNAMENTAL TREES, AND 18 SHRUBS PER 100' LENGTH: 280 LF 280 / 100 = 2.8 2.8 X 4 = (11.2) 11 SHADE TREES 2.8 X 2 = (5.6) 6 EVERGREEN TREES 2.8 X 18 = (50.4) 50 SHRUBS 11 SHADE TREES PROVIDED 6 EVERGREEN TREES PROVIDED 50 SHRUBS PROVIDED	11 SHADE TREES PROVIDED 6 EVERGREEN TREES PROVIDED 50 SHRUBS PROVIDED

6-305-D-4 - LANDSCAPE BUFFERYARDS - RESIDENTIAL ADJACENT TO NON-RESIDENTIAL (PARK/OPEN SPACE), NORTH PROPERTY LINE (BUFFER TYPE 2)	4 SHADE TREES, 2 EVERGREEN OR ORNAMENTAL TREE, AND 18 SHRUBS PER 100' LENGTH: 342 LF 342 / 100 = 3.42 3.42 X 4 = (13.68) 4 SHADE TREES 3.42 X 2 = (6.84) 2 EVERGREEN TREES 3.42 X 18 = (61.56) 62 SHRUBS 14 SHADE TREES PROVIDED 7 EVERGREEN TREES PROVIDED 62 SHRUBS PROVIDED	14 SHADE TREES PROVIDED 7 EVERGREEN TREES PROVIDED 62 SHRUBS PROVIDED
6-305-D-4 - LANDSCAPE BUFFERYARDS - NON-RESIDENTIAL (HOTEL) ADJACENT TO RESIDENTIAL , EAST PROPERTY LINE (BUFFER TYPE 2)	4 SHADE TREES, 2 EVERGREEN OR ORNAMENTAL TREE, AND 18 SHRUBS PER 100' LENGTH: 140 LF 140 / 100 = 1.4 1.4 X 4 = (5.6) 6 SHADE TREES 1.4 X 2 = (2.8) 2 EVERGREEN TREES 1.4 X 18 = (25.2) 25 SHRUBS 6 SHADE TREES PROVIDED 3 EVERGREEN TREES PROVIDED 25 SHRUBS PROVIDED	6 SHADE TREES PROVIDED 3 EVERGREEN TREES PROVIDED 25 SHRUBS PROVIDED
6-305-D-4 - LANDSCAPE BUFFERYARDS - NON-RESIDENTIAL (WAREHOUSE) ADJACENT TO NON-RESIDENTIAL (HOTEL) , EAST PROPERTY LINE (BUFFER TYPE 1)	3 SHADE TREES, 1 EVERGREEN OR ORNAMENTAL TREE AND 16 SHRUBS PER 100' LENGTH: 107 LF 107 / 100 = 1.07 1.07 X 3 = 3 SHADE TREES 1.07 X 1 = 1 EVERGREEN TREES 1.07 X 16 = 17 SHRUBS 3 SHADE TREES PROVIDED 1 EVERGREEN TREES PROVIDED 17 SHRUBS PROVIDED	3 SHADE TREES PROVIDED 1 EVERGREEN TREES PROVIDED 17 SHRUBS PROVIDED
6-305-D-4 - LANDSCAPE BUFFERYARDS - NON-RESIDENTIAL (LIMITED RETAIL) ADJACENT TO NON-RESIDENTIAL (HOTEL) , NORTH PROPERTY LINE (BUFFER TYPE 1)	3 SHADE TREES, 1 EVERGREEN OR ORNAMENTAL TREE AND 16 SHRUBS PER 100' LENGTH: 368 LF 368 / 100 = 3.68 3.68 X 3 = (11.04) 11 SHADE TREES 3.68 X 1 = (3.68) 4 EVERGREEN TREES 3.68 X 16 = (58.88) 59 SHRUBS 11 SHADE TREES PROVIDED 4 EVERGREEN TREES PROVIDED 59 SHRUBS PROVIDED	11 SHADE TREES PROVIDED 4 EVERGREEN TREES PROVIDED 59 SHRUBS PROVIDED
6-305-D-5.a - FOUNDATION LANDSCAPING	A MINIMUM 10' WIDE ON AVERAGE FOUNDATION LANDSCAPE AREA ALONG 100% OF ALL BUILDING FAÇADES FRONTING PUBLIC STREETS, EXCEPT WHERE ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY. A MINIMUM 7' WIDE FOUNDATION LANDSCAPE AREA SHALL BE PROVIDED ALONG 50% OF ALL BUILDING FAÇADES NOT FRONTING A PUBLIC STREET EXCEPT WHERE ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY. ON AVERAGE, A MINIMUM OF 1 ORNAMENTAL TREE AND SIXTEEN SHRUBS OR ORNAMENTAL GRASSES FOR EVERY 100' OF BUILDING FACE. 10' WIDE AVERAGE FOUNDATION LANDSCAPE AREA ALONG BUILDING FAÇADES FRONTING PUBLIC STREETS, EXCEPT WHERE ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY. ON AVERAGE, A MINIMUM OF 1 ORNAMENTAL TREE AND SIXTEEN SHRUBS OR ORNAMENTAL GRASSES FOR EVERY 100' OF BUILDING FACE. SEE ENLARGEMENT SHEET PLANS L2.1-L2.4	10' WIDE AVERAGE FOUNDATION LANDSCAPE AREA ALONG BUILDING FAÇADES FRONTING PUBLIC STREETS, EXCEPT WHERE ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY. ON AVERAGE, A MINIMUM OF 1 ORNAMENTAL TREE AND SIXTEEN SHRUBS OR ORNAMENTAL GRASSES FOR EVERY 100' OF BUILDING FACE. SEE ENLARGEMENT SHEET PLANS L2.1-L2.4
6-305-D-8 - STORM WATER MANAGEMENT AREA LANDSCAPE - NORTH TOWNEHOME DETENTION AREA	1 SHADE TREE PER 100 LF OF BASIN PERIMETER. 1 UNDERSTORY TREE PER 200 LF OF BASIN PERIMETER. 3 SHRUBS PER 50 LF OF BASIN PERIMETER. TOTAL BASIN PERIMETER = 1,000 LF 1,000 / 100 = 10 SHADE TREES 1,000 / 200 = 5 UNDERSTORY TREES 1,000 / 50 = 20 X 3 = 60 SHRUBS 10 SHADE TREES 5 UNDERSTORY TREES 60 SHRUBS	10 SHADE TREES 5 UNDERSTORY TREES 60 SHRUBS
6-305-D-8 - STORM WATER MANAGEMENT AREA LANDSCAPE - SOUTH TOWNEHOME DETENTION AREA	1 SHADE TREE PER 100 LF OF BASIN PERIMETER. 1 UNDERSTORY TREE PER 200 LF OF BASIN PERIMETER. 3 SHRUBS PER 50 LF OF BASIN PERIMETER. TOTAL BASIN PERIMETER = 190 LF 190 / 100 = 2 SHADE TREES 190 / 200 = 1 UNDERSTORY TREES 190 / 50 = 3.8 X 3 = 12 SHRUBS 2 SHADE TREES 1 UNDERSTORY TREES 12 SHRUBS	2 SHADE TREES 1 UNDERSTORY TREES 12 SHRUBS
6-305-D-8 - STORM WATER MANAGEMENT AREA LANDSCAPE - SOUTH OF HOTEL PARKING LOT DETENTION AREA	1 SHADE TREE PER 100 LF OF BASIN PERIMETER. 1 UNDERSTORY TREE PER 200 LF OF BASIN PERIMETER. 3 SHRUBS PER 50 LF OF BASIN PERIMETER. TOTAL BASIN PERIMETER = 414 LF 414 / 100 = 4 SHADE TREES 414 / 200 = 2 UNDERSTORY TREES 414 / 50 = 8.28 X 3 = 25 SHRUBS 5 SHADE TREES 3 UNDERSTORY TREES 25 SHRUBS	5 SHADE TREES 3 UNDERSTORY TREES 25 SHRUBS
6-305-D-8 - STORM WATER MANAGEMENT AREA LANDSCAPE - WEST OF COMMERCIAL PARKING LOT DETENTION AREA (NORTH SIDE)	1 SHADE TREE PER 100 LF OF BASIN PERIMETER. 1 UNDERSTORY TREE PER 200 LF OF BASIN PERIMETER. 3 SHRUBS PER 50 LF OF BASIN PERIMETER. TOTAL BASIN PERIMETER = 1,340 LF 1,340 / 100 = 14 SHADE TREES 1,340 / 200 = 7 UNDERSTORY TREES 1,340 / 50 = 26.8 X 3 = 81 SHRUBS 14 SHADE TREES 7 UNDERSTORY TREES 81 SHRUBS	14 SHADE TREES 7 UNDERSTORY TREES 81 SHRUBS
6-305-D-8 - STORM WATER MANAGEMENT AREA LANDSCAPE - WEST OF COMMERCIAL PARKING LOT DETENTION AREA (SOUTH SIDE)	1 SHADE TREE PER 100 LF OF BASIN PERIMETER. 1 UNDERSTORY TREE PER 200 LF OF BASIN PERIMETER. 3 SHRUBS PER 50 LF OF BASIN PERIMETER. TOTAL BASIN PERIMETER = 1,040 LF 1,040 / 100 = 10 SHADE TREES 1,040 / 200 = 5 UNDERSTORY TREES 1,040 / 50 = 20.8 X 3 = 63 SHRUBS 11 SHADE TREES 6 UNDERSTORY TREES 63 SHRUBS	11 SHADE TREES 6 UNDERSTORY TREES 63 SHRUBS

ORLAND RIDGE LAGRANGE ROAD & 171ST STREET ORLAND PARK, IL 60487	LANDSCAPE NOTES AND CALCULATIONS	SR. INCORSON	LORMAX STERN	PRELIMINARY NOT FOR CONSTRUCTION	Kimley»Horn	© 2010 JULIE, HORN AND ASSOCIATES, INC. 1001 WARENDALE ROAD, SUITE 350, Lisle, IL 60532 PHONE: 630-487-3550 WWW.KH.COM
ORIGINAL ISSUE: 07/13/2018						
KHA PROJECT NO. 16862600						
SHEET NUMBER						

CONCEPT PLANT SCHEDULE

PARKWAY SHADE TREES	388
PARKING LOT/INTERIOR TREES	74
FOUNDATION ORNAMENTAL TREES	344
FOUNDATION EVERGREEN TREES	91
CORRIDOR SHADE TREES	135
CORRIDOR ORNAMENTAL TREES	83
CORRIDOR EVERGREEN TREES	58
CORRIDOR SMALL EVERGREEN	41
BUFFERYARD SHADE TREES	50
BUFFERYARD EVERGREEN TREES	21
AMENITY AREA CANOPY TREES	1
AMENITY AREA ORNAMENTAL TREES	42
AMENITY AREA EVERGREEN TREES	61
AMENITY AREA SMALL EVERGREEN TREE	13
DETENTION AREA CANOPY TREES	38
DETENTION AREA ORNAMENTAL TREES	22
4" CAL. REPLACEMENT TREE	92
EVERGREEN TREE	40
FOUNDATION SMALL SHRUB	3,409
FOUNDATION LARGE SHRUB	963
FOUNDATION ORNAMENTAL GRASS	2,353
FOUNDATION EVERGREEN SHRUB	77
BUFFERYARD LARGE SHRUB	246
CORRIDOR SHRUBS	201
CORRIDOR GRASSES	170
AMENITY AREA LARGE SHRUB	49
AMENITY AREA SMALL AHRUB	127
DETENTION AREA SHRUBS LARGE	227
PARKING LOT SCREEN SHRUB	192
PARKING LOT SHRUB	240



WET-MESIC PRAIRIE SEED MIX

BOTANICAL NAME	COMMON NAME	LBS / ACRE	% OF TOTAL
GRASSES, SEDGES, & RUSHES			
Bouteloua curtipendula	Side Oats Grama	2.0	6.7%
Bromus ciliatus	Fringed Brome	1.0	3.3%
Bromus pubescens	Woodland Brome	1.0	3.3%
Carex liruia	Bottlebrush Sedge	1.0	3.3%
Carex vulpinoidea	Brown Fox Sedge	1.0	3.3%
Elymus canadensis	Canada Wild Rye	3.5	11.7%
Elymus hystrix	Bottle Brush Grass	1.0	3.3%
Elymus riparius	Riverbank Wild Rye	1.0	3.3%
Elymus virginicus	Virginia Wild Rye	3.0	10.0%
Glyceria striata	Fowl Manna Grass	1.0	3.3%
Juncus effusus	Common Rush	2.0	6.7%
Juncus torreyi	Torrey's Rush	0.5	1.7%
Leersia oryzoides	Rice Cut Grass	2.5	8.3%
Panicum virgatum	Switch Grass	3.0	10.0%
Puccinellia pallida	Pale Manna Grass	0.5	1.7%
Scirpus atrovirens	Dark Green Rush	1.0	3.3%
Scirpus cyperinus	Wool Grass	0.5	1.7%
Scirpus validus	Great Bulrush	0.5	1.7%
Zizania aquatica	Wild Rice	1.0	3.3%
TOTAL LBS PER ACRE: 27 90.0%			

FORBS & BROADLEAVES			
Anemone cylindrica	Thimbleweed	0.05	0.2%
Asclepias tuberosa	Butterfly Milkweed	0.25	0.8%
Aster ericoides	Heath Aster	0.05	0.2%
Aster laevis	Smooth Blue Aster	0.10	0.3%
Aster novae-angliae	New England Aster	0.10	0.3%
Coreopsis palmata	Prairie Coreopsis	0.20	0.7%
Echinacea purpurea	Purple Coneflower	0.35	1.2%
Eryngium yuccifolium	Rattlesnake Master	0.15	0.5%
Kuhnia eupatorioides	False Boneset	0.05	0.2%
Monarda fistulosa	Wild Bergamot	0.10	0.3%
Parthenium integrifolium	Wild Quinine	0.10	0.3%
Penstemon candidum	White Prairie Clover	0.15	0.5%
Pycnanthemum virginianum	Mountain Mint	0.15	0.5%
Ratibida pinnata	Yellow Coneflower	0.35	1.2%
Rudbeckia hirta	Black-Eyed Susan	0.40	1.3%
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	0.10	0.3%
Tradescantia ohiensis	Spiderwort	0.25	0.8%
Vernonia spp.	Ironweed	0.10	0.3%
FORBS & BROADLEAVES LBS PER ACRE: 3 10.0%			

SEED MIX TOTAL LBS PER ACRE: 30			
TEMPORARY COVER			

Avena sativa	Common Oat	200	67%
Lolium multiflorum	Annual Rye	100	33%

TEMPORARY COVER LBS PER ACRE: 300			
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BOTANICAL NAME	COMMON NAME	LBS / ACRE	% OF TOTAL
GRASSES, SEDGES, & RUSHES			
Lolium perenne	Perennial Rye	25.0	8%
Agrostis gigantea	Red Top	15.0	5%
Festuca rubra	Creeping Red Fescue	200.0	67%
Festuca arundinacea	Tall Fescue	60.0	20%
SEED MIX TOTAL LBS PER ACRE: 300			

NATURAL AREA NOTES

VILLAGE REQUIRED MONITORING AND MAINTENANCE AGREEMENT TO BE SUBMITTED WITH FINAL LANDSCAPE PLANS

1. ALL WORK DEEMED NATURAL AREA TO BE SEADED OR PLANTED SHALL BE PERFORMED BY A NATURAL AREA CONTRACTOR WITH AT LEAST 5 YEARS OF DOCUMENTED EXPERIENCE IN SELECTIVE BRUSH CLEARING, PLANTING OF NATIVE SPECIES, AND NATURAL AREAS MANAGEMENT FOR THE PURPOSE OF ECOLOGICAL RESTORATION, AND SHALL BE ABLE TO DEMONSTRATE THEIR KNOWLEDGE THROUGH REFERENCES AND IN THE FIELD.
2. SEED LIMIT LINES ARE APPROXIMATE. THE NATURAL AREAS CONTRACTOR SHALL SEED ALL AREAS WHICH ARE DISTURBED BY GRADING WITH THE EXCEPTION OF SEED MIXES WHICH ARE SPECIFICALLY APPROVED FOR USE IN THE SPECIFIED COMPANY ON PLANS.
3. SEED, LIVE PLUGS, OR RARE ROOT PLANTS SHALL BE OBTAINED FROM SOURCES SPECIALIZING IN NATIVE SPECIES SEED AND PLANT STOCK SHALL BE SOURCED NO MORE THAN 350 MILES FROM THE JOB SITE.
4. ALL SEED MIXES SHALL BE INSTALLED WITH A GRANULAR FORM OF ENDOMYCROBIAL INOCULUM PER THE SUPPLIERS SPECIFICATIONS. COVER CROP IS TO BE APPLIED TO ALL SEED MIXES CONSISTING ONLY OF AVENA SATIVA (SEED OATS) FOR PLANTINGS OR REGULAR SEEDING. THE SEED CROP IS TO BE REMOVED AT THE END OF THE GROWING SEASON.
5. STANDARD EROSION CONTROL BLANKET SHALL BE APPLIED TO ALL SEADED AREAS WITH SINGLE TO DOUBLE NET STRAW AND DOUBLE NET STRAW/COCONUT BLANKET HYDROSEEDING IS UNACCEPTABLE.
6. LIVE PLUG AND BARERoot INSTALLATION SHALL BE ACCOMPANIED BY GOOSE EXCLUSION FOR UP TO 12 MONTHS AFTER INSTALLATION. NATURAL AREAS CONTRACTOR TO REMOVE AT OWN EXPENSE AFTER 12 MONTHS.
7. STEWARDSHIP OF THE NATURAL AREA SHALL BE CONDUCTED BY A NATURAL AREAS CONTRACTOR TO BEGIN IMMEDIATELY AFTER INSTALLATION FOR THREE YEARS.

LANDSCAPE NOTES

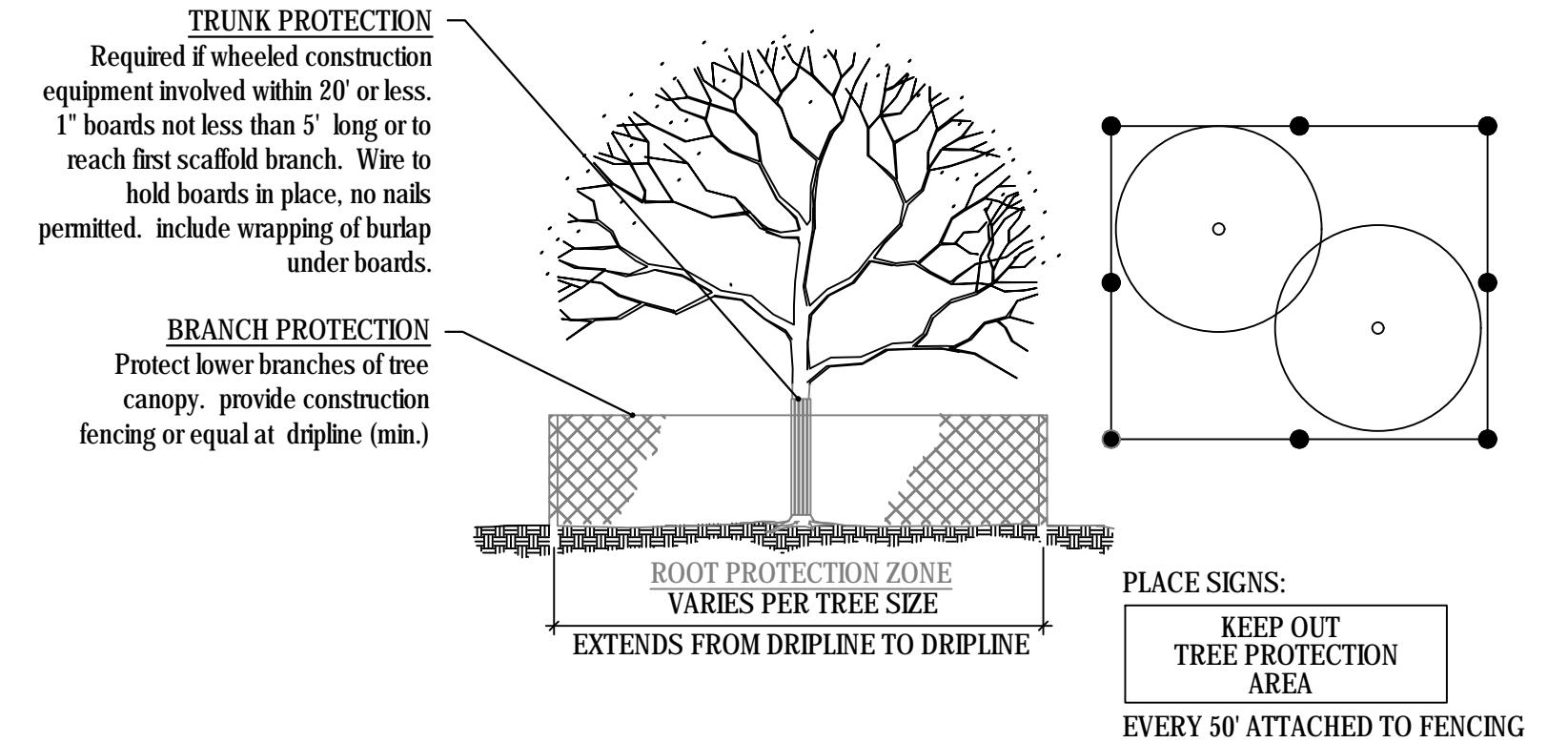
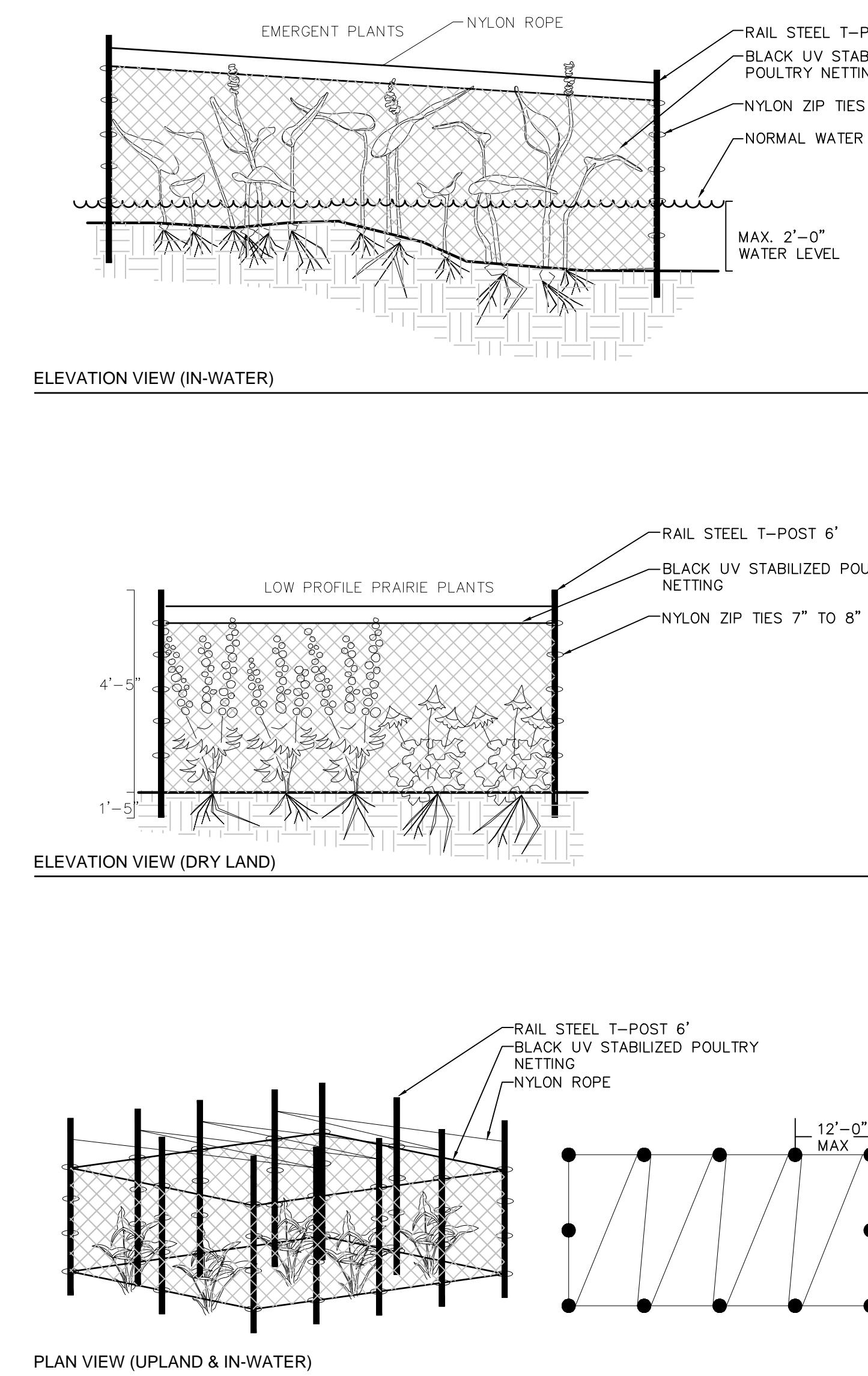
1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING MATERIALS AND PLANTS SHOWN ON THE LANDSCAPE PLAN. THE CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, ADJACENT LANDSCAPE, PUBLIC AND PRIVATE PROPERTY THAT IS DAMAGED BY THE CONTRACTOR OR THEIR SUBCONTRACTOR'S OPERATIONS DURING INSTALLATION OR DURING THE CONSTRUCTION PHASE.
2. THE CONTRACTOR SHALL REPORT ANY DISCREPANCY IN THE FIELD CONDITIONS IMMEDIATELY TO THE LANDSCAPE ARCHITECT, PRIOR TO CONTINUING WITH THAT PORTION OF WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE.
4. ALL NURSERY STOCK SHALL BE WELL BRANCHED, HEALTHY, FULL, PRE-INOCULATED AND FERTILIZED. DECIDUOUS TREES SHALL BE FREE OF SCARS. SCAR TUNNELS WILL BE WRAPPED AS NECESSARY TO PREVENT SUN SCALD AND INJURE THE PLANT.
5. ALL NURSERY STOCK SHALL BE GUARANTEED, BY THE CONTRACTOR, FOR ONE YEAR FROM DATE OF FINAL INSPECTION.
6. AMENDED SOIL SHALL BE PROVIDED AND GRADED BY THE GENERAL CONTRACTOR UP TO 6 INCHES BELOW FINISHED GRADE IN TURF AREAS AND 18 INCHES IN PLANTING AREAS.
7. PLANTING AREA SOIL SHALL BE AMENDED WITH 25% SPANGUE, PEATMOSS, 5% HUMUS AND 5% PULVERIZED SOIL FOR ALL SHRUB, ORNAMENTAL GRASS, PERENNIAL AND ANNUAL BEDS. SEADED TURF AREA SOIL SHALL BE STANDARD TOPSOIL.
8. SEED LIMIT LINES ARE APPROXIMATE. CONTRACTOR SHALL SEED/DODGE ALL AREAS WHICH ARE DISTURBED BY GRADING WITH THE SPECIFIED SEED/SOD MIXES.
9. CONTRACTOR SHALL INSTALL SHREDDED HARDWOOD MULCH AT A 3" DEPTH TO ALL TREES, SHRUB, PERENNIAL, AND GROUNDCOVER AREAS. TREES PLACED IN AREA COVERED BY TURF SHALL RECEIVE A 4 FT WIDE MAXIMUM TREE RING WITH 3" DEPTH SHREDDED HARDWOOD MULCH. A SPACED BED EDGE SHALL SEPARATE MULCH BEDS FROM TURF OR SEADED AREAS. A SPACED BED EDGE SHALL BE APPROXIMATELY 12" IN WIDTH.
10. WEED FABRIC SHALL ONLY BE APPLIED UNDER DECORATIVE STONE APPLICATIONS.
11. INSTALLATION OF TREES WITHIN PARKWAYS SHALL BE COORDINATED IN THE FIELD WITH LOCATIONS OF UNDERGROUND UTILITIES. TREES SHALL NOT BE LOCATED CLOSER THAN 5' FROM UNDERGROUND UTILITY LINES AND NO CLOSER THAN 10' FROM UTILITY STRUCTURES.
12. DO NOT PAVE ON PLANT.
13. PLANT QUANTITIES SHOWN ARE FOR THE CONVENIENCE OF THE OWNER AND JURISDICTIONAL REVIEW AGENCIES. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES AS DRAWN.
14. THE OWNER'S REPRESENTATIVE MAY REJECT ANY PLANT MATERIALS THAT ARE DISEASED, DEFORMED, OR OTHERWISE NOT EXHIBITING SUPERIOR QUALITY.
15. THE CONTRACTOR'S RESPONSIBILITY FOR ALL REQUIRED LANDSCAPING SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY ON WHICH SAID MATERIALS ARE REQUIRED. ALL PLANT MATERIALS REQUIRED BY THIS SECTION SHALL BE MAINTAINED AS LIVING VEGETATION AND SHALL BE PROMPTLY REPLACED IF THE PLANT MATERIAL HAS DIED PRIOR TO FINAL ACCEPTANCE. PLANTING AREAS SHALL BE KEPT FREE OF TRASH, LITTER, AND WEEDS AT ALL TIMES.

ALL DISTURBED AREAS WITHIN COUNTY ROW ARE TO BE RESTORED WITH 4" TOPSOIL AND SOD, OR AS APPROVED BY CDDOT

RESTORED WETLAND WET-MESIC PRAIRIE SEED MIX

BOTANICAL NAME	COMMON NAME	LBS / ACRE	% OF TOTAL
GRASSES, SEDGES, & RUSHES			
Bouteloua curtipendula	Side Oats Grama	2.0	6.7%
Bromus ciliatus	Fringed Brome	1.0	3.3%
Bromus pubescens	Woodland Brome	1.0	3.3%
Carex liruia	Bottlebrush Sedge	1.0	3.3%
Carex vulpinoidea	Brown Fox Sedge	1.0	3.3%
Elymus canadensis	Canada Wild Rye	3.5	11.7%
Elymus hystrix	Bottle Brush Grass	1.0	3.3%
Elymus riparius	Riverbank Wild Rye	1.0	3.3%
Elymus virginicus	Virginia Wild Rye	3.0	10.0%
Glyceria striata	Fowl Manna Grass	1.0	3.3%
Juncus effusus	Common Rush	2.0	6.7%
Juncus torreyi	Torrey's Rush	0.5	1.7%
Leersia oryzoides	Rice Cut Grass	2.5	8.3%
Panicum virgatum	Switch Grass	3.0	10.0%
Puccinellia pallida	Pale Manna Grass	0.5	1.7%
Scirpus atrovirens	Dark Green Rush	1.0	3.3%
Scirpus cyperinus	Wool Grass	0.5	1.7%
Scirpus validus	Great Bulrush	0.5	1.7%
Zizania aquatica	Wild Rice	1.0	3.3%
TOTAL LBS PER ACRE: 27 90.0%			

BOTAN

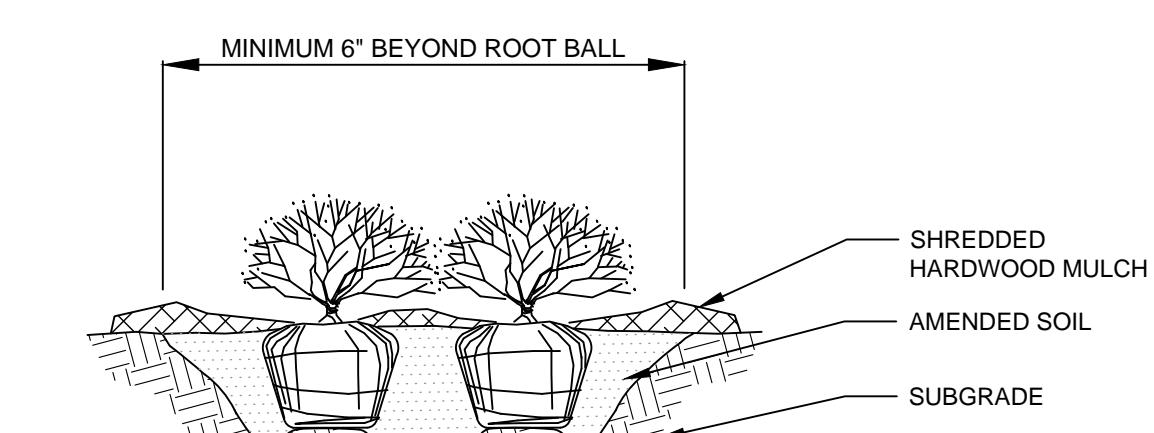
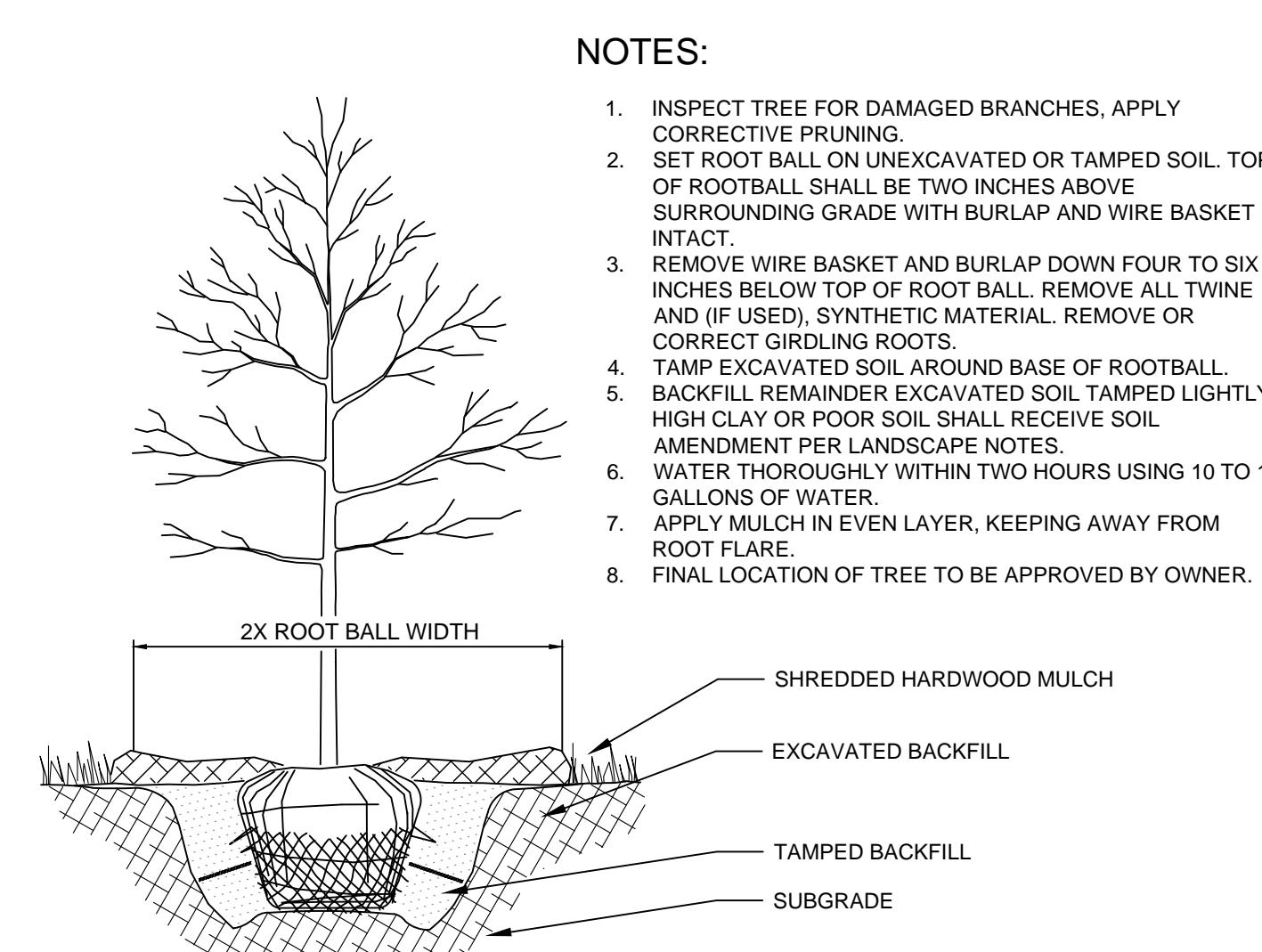


TREE PROTECTION NOTES

1. ALL TREES TO BE PROTECTED AND PRESERVED SHALL BE PER DETAIL. GROUPING OF MORE THAN ONE TREE MAY OCCUR.
2. TREES TO BE PROTECTED AND PRESERVED SHALL BE IDENTIFIED ON THE TRUNK WITH WHITE SURVEY TAPE.
3. TO PREVENT ROOT SMOTHERING, SOIL STOCKPILES, SUPPLIES, EQUIPMENT OR ANY OTHER MATERIAL SHALL NOT BE PLACED OR STORED WITHIN THE DRIP LINE OR WITHIN 15 FEET OF A TREE TRUNK, WHICHEVER IS GREATER.
4. TREE ROOTS SHALL NOT BE CUT UNLESS CUTTING IS UNAVOIDABLE.
5. WHEN ROOT CUTTING IS UNAVOIDABLE, A CLEAN SHARP CUT SHALL BE MADE TO AVOID SHREDDING OR SMASHING. ROOT CUTS SHOULD BE MADE BACK TO A LATERAL ROOT. WHENEVER POSSIBLE, ROOTS SHOULD BE CUT BETWEEN LATE FALL AND BUD OPENING, WHEN ROOT ENERGY SUPPLIES ARE HIGH AND CONDITIONS ARE LEAST FAVORABLE FOR DISEASE CAUSING AGENTS. EXPOSED ROOTS SHALL BE COVERED IMMEDIATELY TO PREVENT DEHYDRATION. ROOTS SHALL BE COVERED WITH SOIL OR BURLAP AND KEPT MOIST.
6. WATERING OF PROTECTED TREES IN WHICH ROOTS WERE CUT SHALL BE PROVIDED BY THE CONTRACTOR.
7. AUGER TUNNELING RATHER THAN TRENCHING SHOULD BE USED FOR UTILITY PLACEMENT WITHIN DRIP LINE.
8. FENCING MATERIAL SHALL ENCIRCLE ANY TREE OR SHRUB WHOSE OUTER DRIP LINE EDGE IS WITHIN 20 FEET OF ANY CONSTRUCTION ACTIVITIES.
9. FENCING MATERIAL SHALL BE BRIGHT, CONTRASTING COLOR, DURABLE, AND A MINIMUM OF FOUR FEET IN HEIGHT.
10. FENCING MATERIAL SHALL BE SET AT THE DRIP LINE OR 15 FEET FROM TREE TRUNK, WHICHEVER IS GREATER, AND MAINTAINED IN AN UPRIGHT POSITION THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES.
11. ANY GRADE CHANGES (SUCH AS THE REMOVAL OF TOPSOIL OR ADDITION OF FILL MATERIAL) WITHIN THE DRIP LINE SHOULD BE AVOIDED FOR EXISTING TREES TO REMAIN. RETAINING WALLS AND TREE WELLS ARE ACCEPTABLE ONLY WHEN CONSTRUCTED PRIOR TO GRADE CHANGE.
12. REFER TO PLANS FOR FENCE STAKING LOCATIONS.

1 GOOSE ENCLOSURE FENCING

NTS

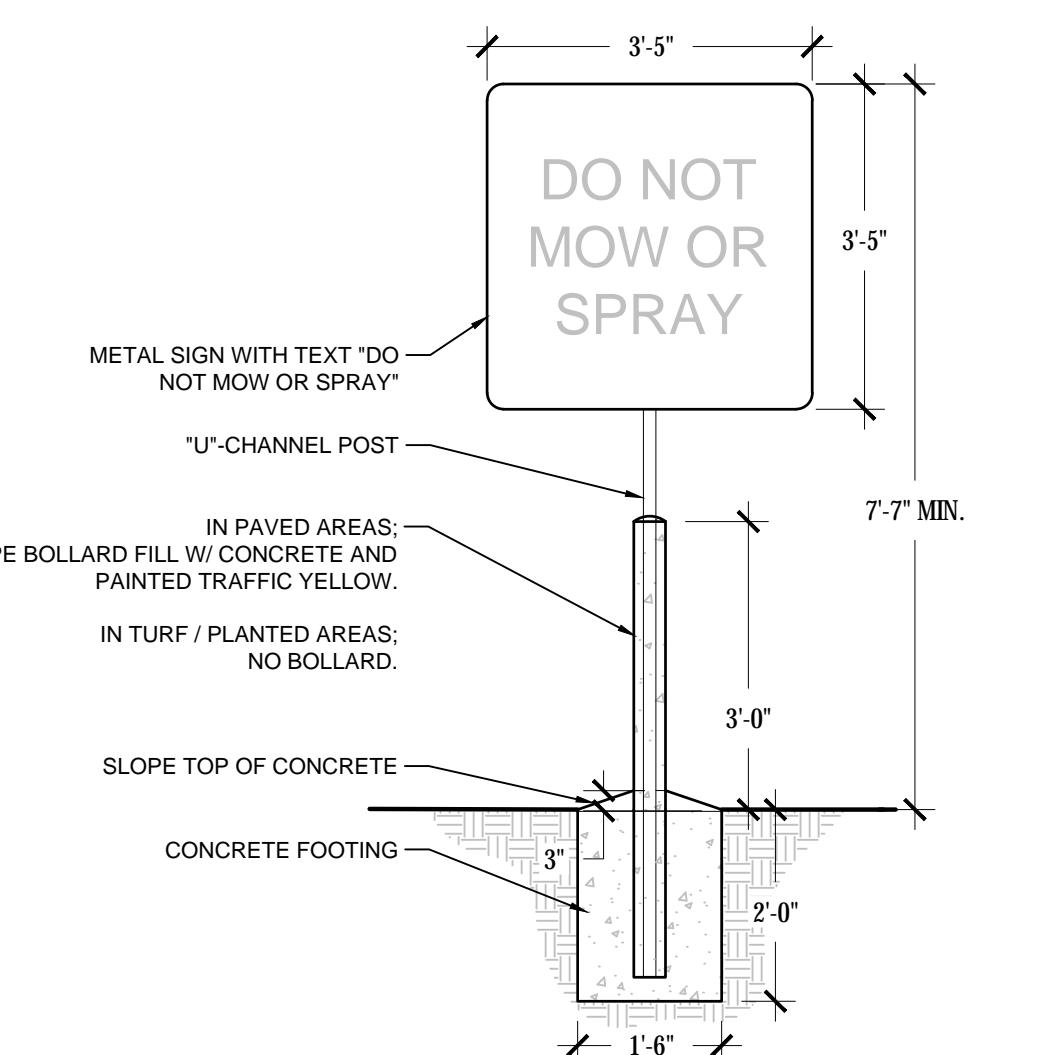


NOTES:

1. APPLY CORRECTIVE PRUNING.
2. SET ROOT BALL OR CONTAINER ON UNEXCAVATED OR TAMPED SOIL. TOP OF ROOTBALL SHALL BE TWO INCHES ABOVE SURROUNDING GRADE.
3. REMOVE WIRE BASKET AND BURLAP DOWN FOUR TO SIX INCHES BELOW TOP OF ROOT BALL. REMOVE ALL TWINE AND (IF USED), SYNTHETIC MATERIAL. REMOVE OR CORRECT GIRDLING ROOTS.
4. TAKE EXCAVATED SOIL AROUND BASE OF ROOTBALL.
5. BURKED REMAINDER EXCAVATED SOIL TAMPED LIGHTLY. HIGH CLAY OR POOR SOIL SHALL RECEIVE SOIL AMENDMENT PER LANDSCAPE NOTES.
6. WATER THOROUGHLY WITHIN TWO HOURS USING 10 TO 15 GALLONS OF WATER.
7. APPLY MULCH IN EVEN LAYER, KEEPING AWAY FROM ROOT FLARE.
8. FINAL LOCATION OF TREE TO BE APPROVED BY OWNER.

5 SHRUB PLANTING

NTS



NOTES:

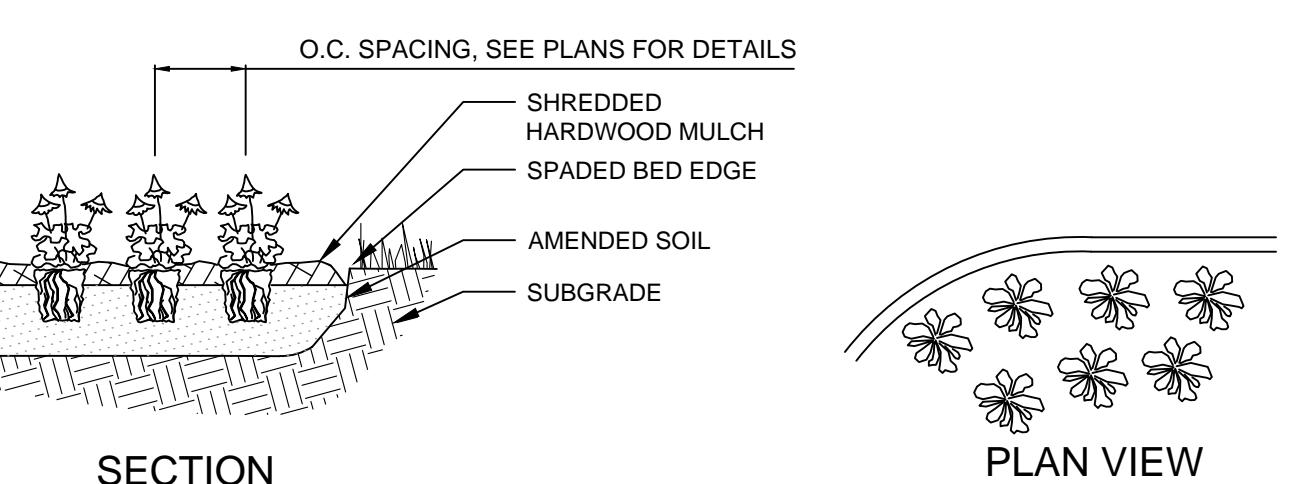
POLE AND SIGN TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR.
 ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S 'MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES', LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

3 'NO MOW' SIGN

1/2" = 1'-0"

NOTES:

1. EXCAVATE PLANTING BED.
2. BED HEIGHT IS TO BE 2" ABOVE FINISH GRADE AND WELL DRAINED.
3. REMOVE CONTAINER, SCORE SOIL MASS TO REDIRECT AND PREVENT CIRCLING ROOTS. CORRECT GIRDLING ROOTS.
4. PLANT MATERIAL SHALL BE LAID OUT BY FOLLOWING THE BED EDGE, WORKING TOWARDS THE CENTER OF THE BED USING TRIANGULAR (STAGGERED) SPACING AS PLEASIBLE.
5. PLUMB AND BACKFILL WITH PLANTING MIX AS SPECIFIED IN LANDSCAPE NOTES.
6. APPLY MULCH IN EVEN LAYER, KEEPING AWAY FROM ROOT FLARE. MULCH LIMITS FOR SHRUBS EXTEND TO ALL LIMITS OF PLANTING BED. SEE PLANS FOR BED LAYOUTS.
7. SPACING TO BE AS SPECIFIED IN THE PLANT LIST. PERENNIALS SHALL BE PLACED WITH THEIR CENTER 24" FROM EDGE OF BED.



6 PERENNIAL PLANTING

NTS

DATE	REVISIONS	REVISIONS	REVISIONS	REVISIONS
01/07/19	WAW	WAW	WAW	WAW
01/07/19	WAW	WAW	WAW	WAW
11/16/18	DATE	DATE	DATE	DATE

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 LISLE, IL 60532
 PHONE: 630-487-3550
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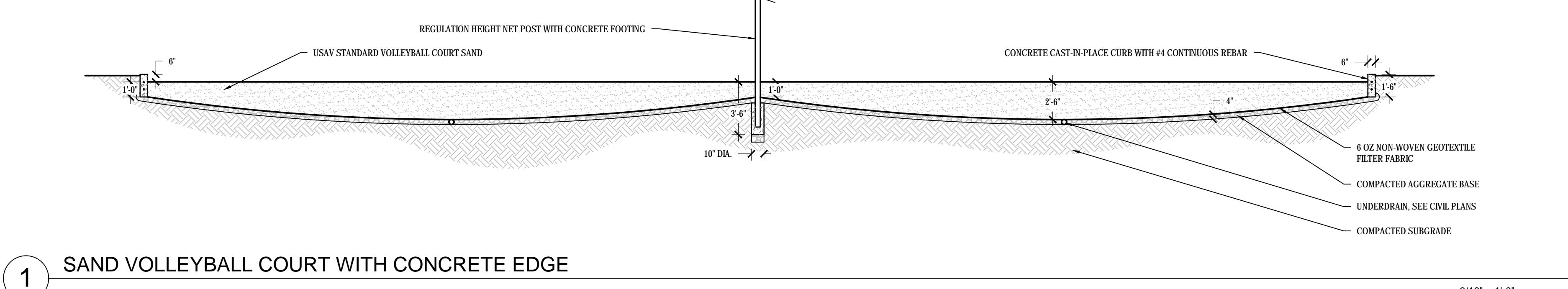
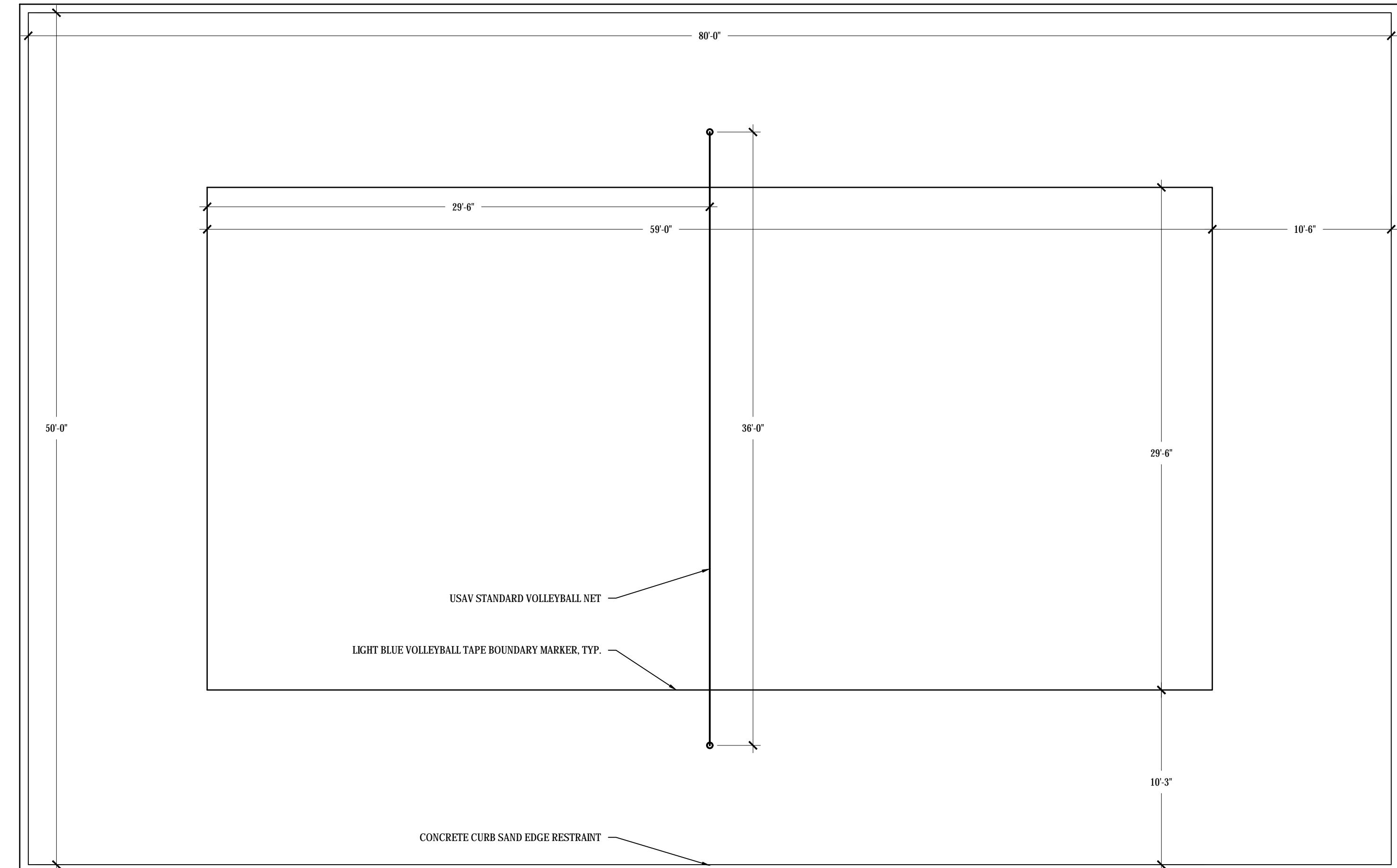
SRIACORSON
 SR. LANDSCAPE
 DESIGNER
 SR. LANDSCAPE
 DESIGNER

**LANDSCAPE
DETAILS**

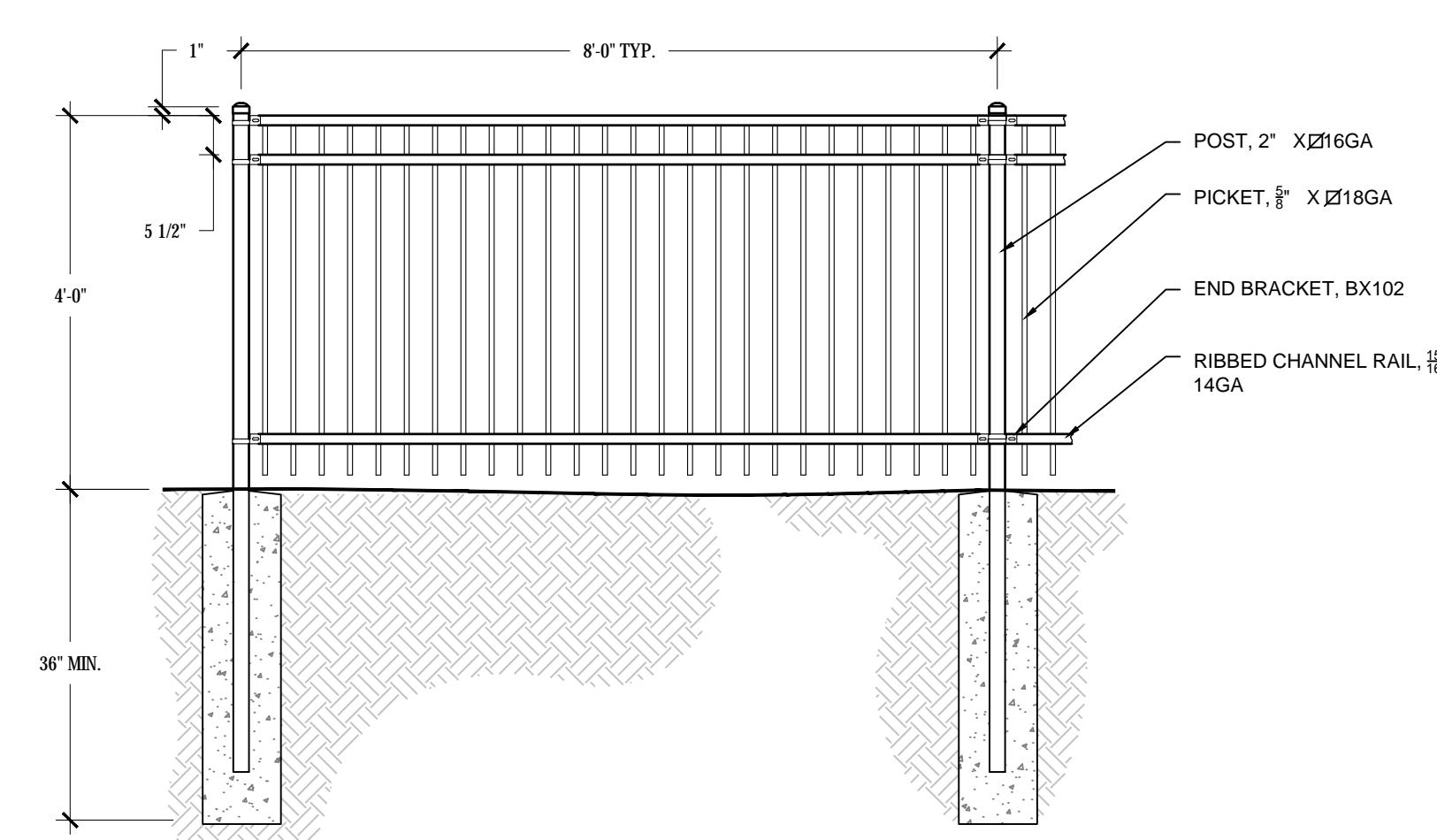
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 LAGRANGE ROAD & 171ST STREET
 ORLAND PARK, IL 60487

ORIGINAL ISSUE:
 07/13/2018
 KHA PROJECT NO.
 16862600
 SHEET NUMBER

L4.0



1 SAND VOLLEYBALL COURT WITH CONCRETE EDGE



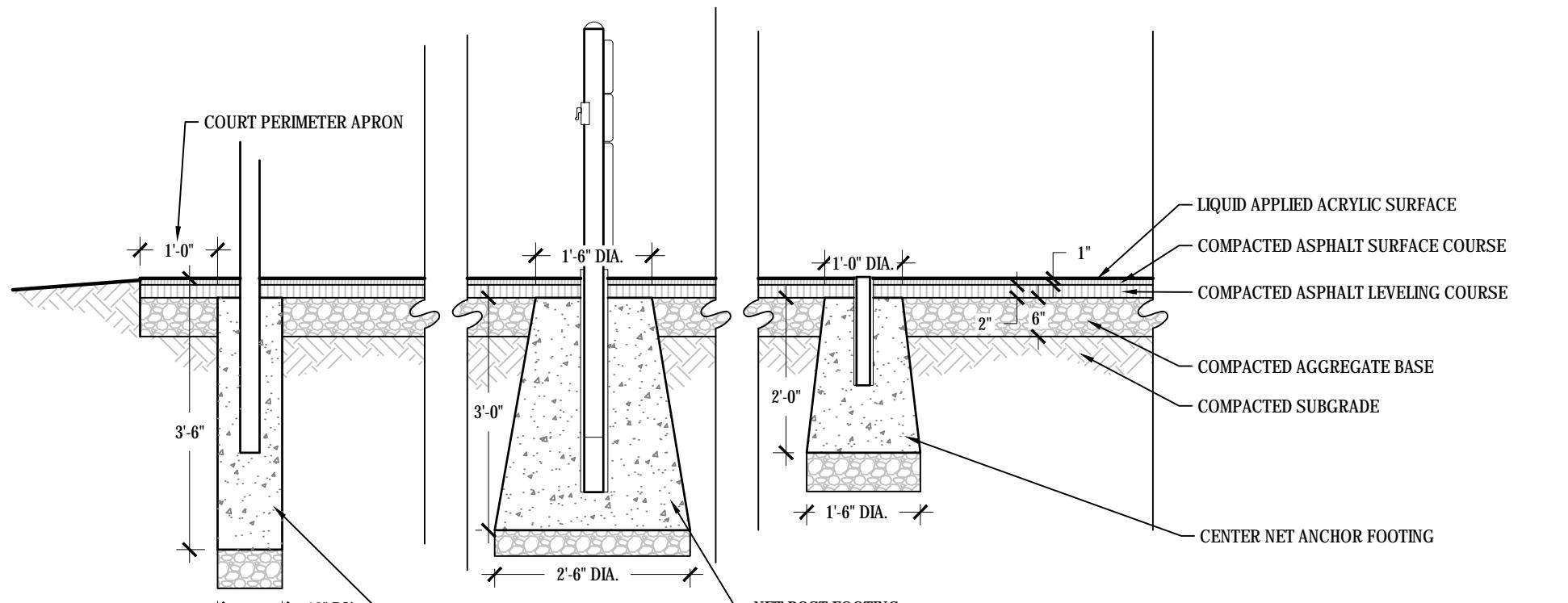
4 4' ORNAMENTAL METAL FENCE

NOTES:
 1. TYPICAL FENCE DETAIL. REFER TO MANUFACTURERS SPECIFICATIONS.
 2. POST SIZE VARIES BY FENCE HEIGHT AND WIND LOAD.
 3. CONCRETE FOOTING VARIES BASED ON LOCAL SOIL CONDITIONS.

1" = 1'-0"

5 LANDSCAPE FORMS - SCARBOROUGH AMENITIES

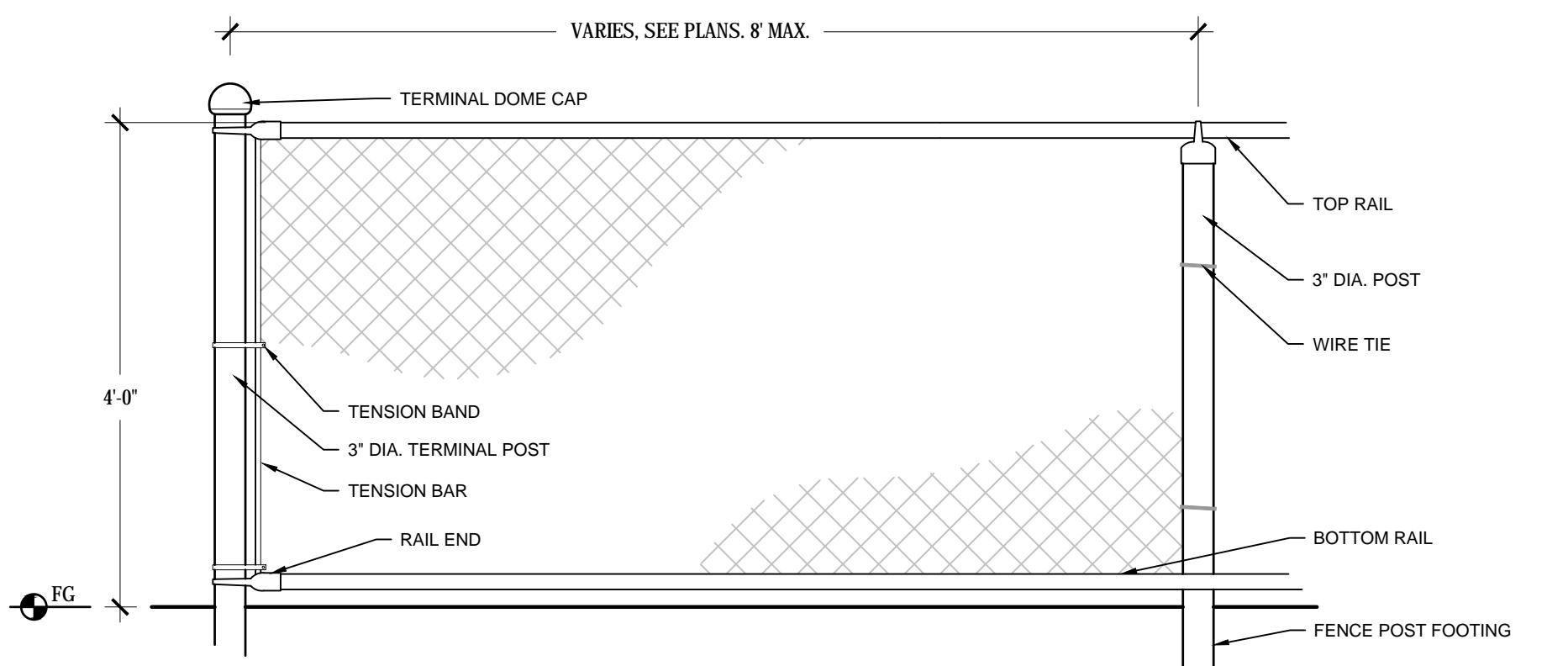
NTS



2 PICKLEBALL COURT PAVING AND FOOTINGS

1/2" = 1'-0"

NOTES:
 1. CHAINLINK FABRIC SHALL BE BLACK VINYL COATED STEEL.
 2. ALL POSTS, RAILS, AND FITTINGS SHALL BE STEEL.
 3. REFER TO MANUFACTURERS SPECIFICATIONS FOR DETAILS.



3 4' CHAINLINK FENCE

3/4" = 1'-0"



6 ARCHED PERGOLA CONCEPT

NTS

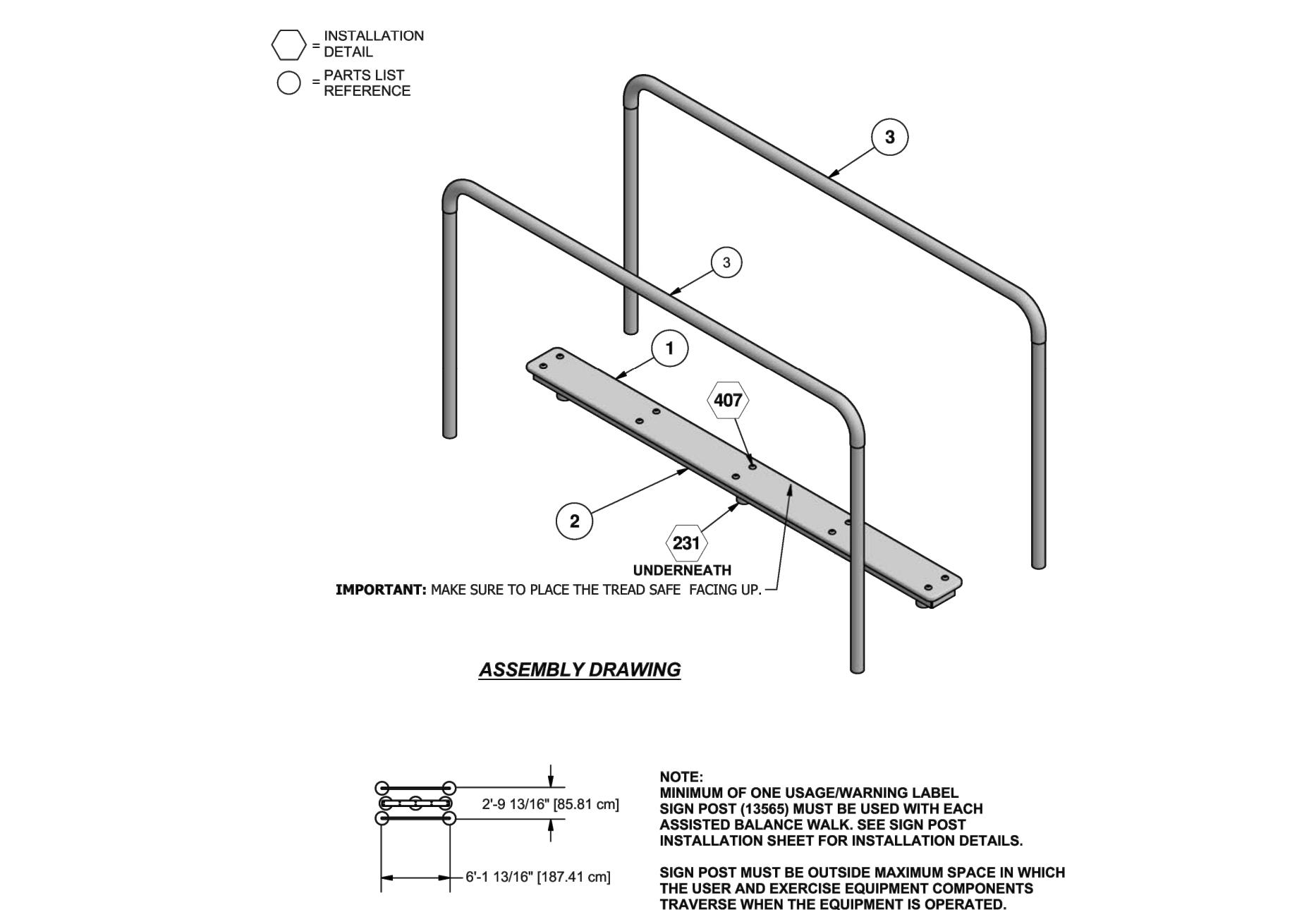
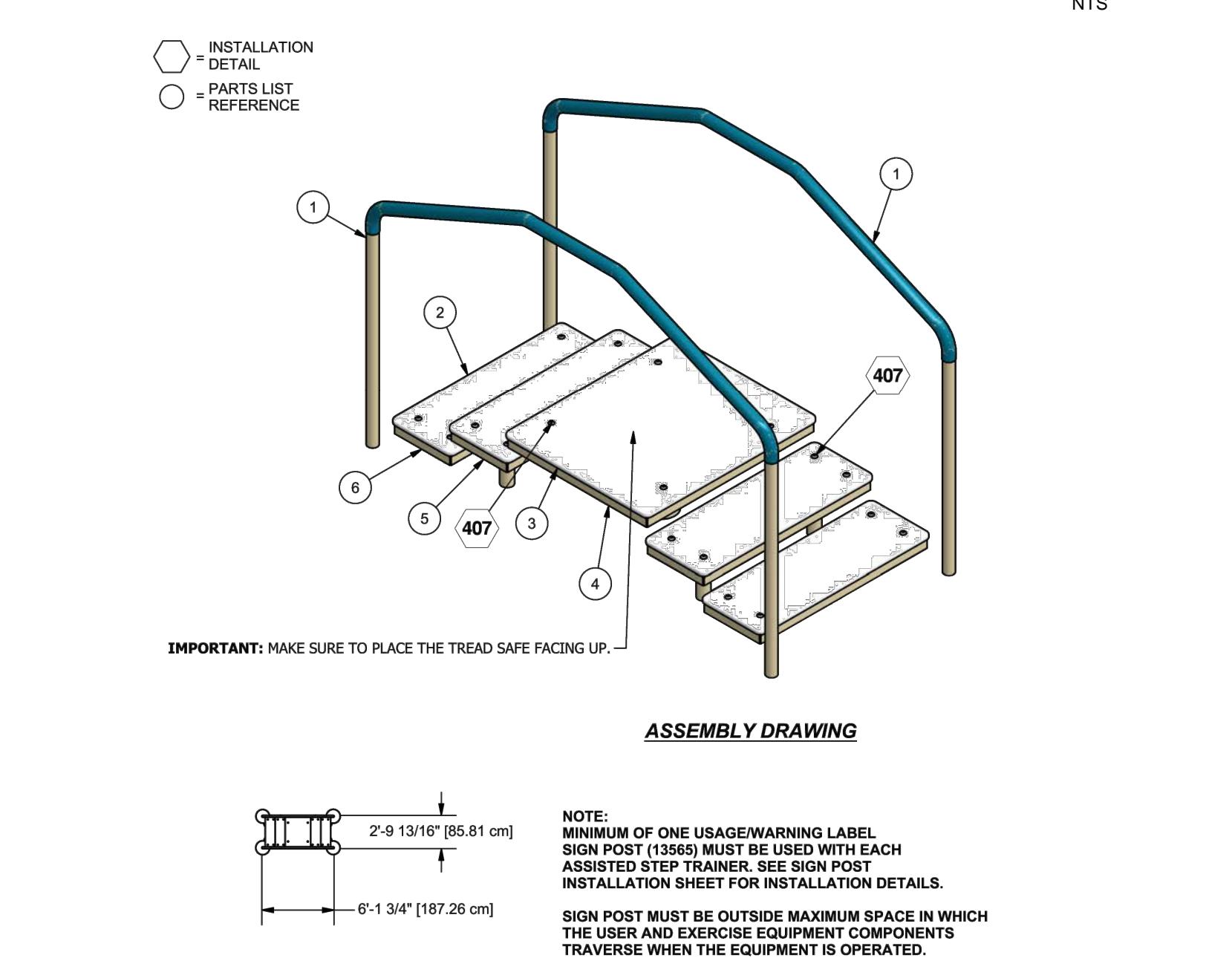
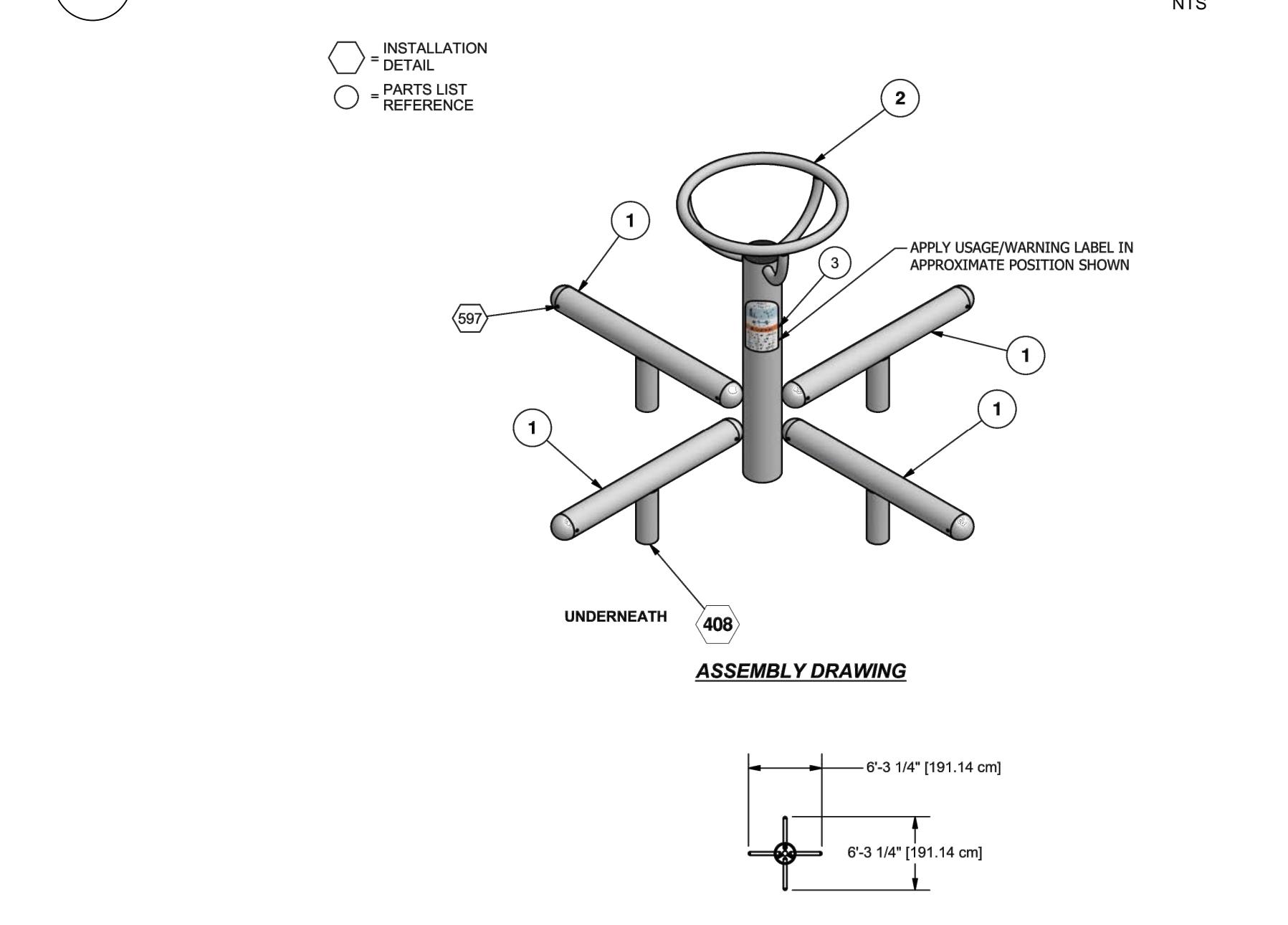
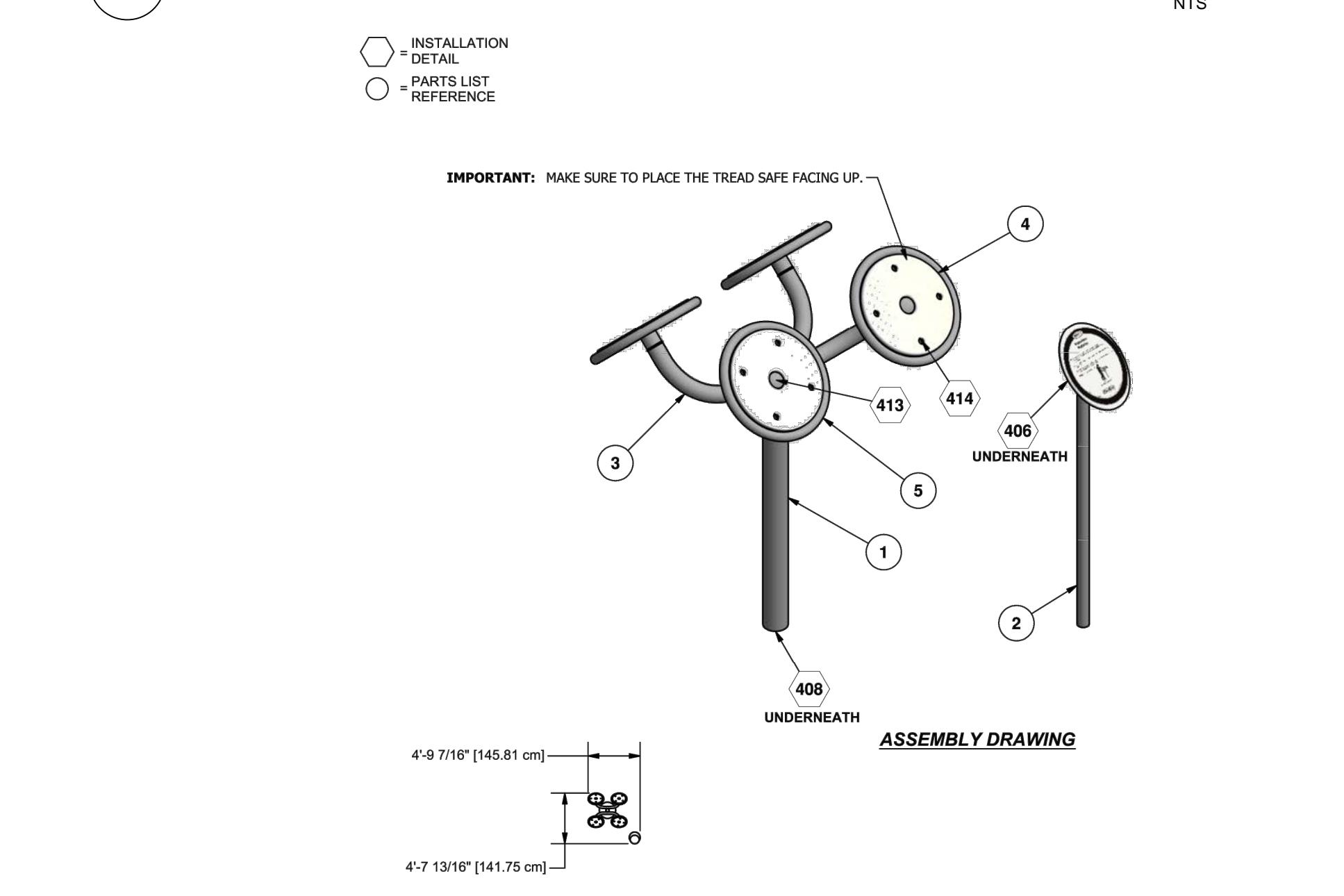
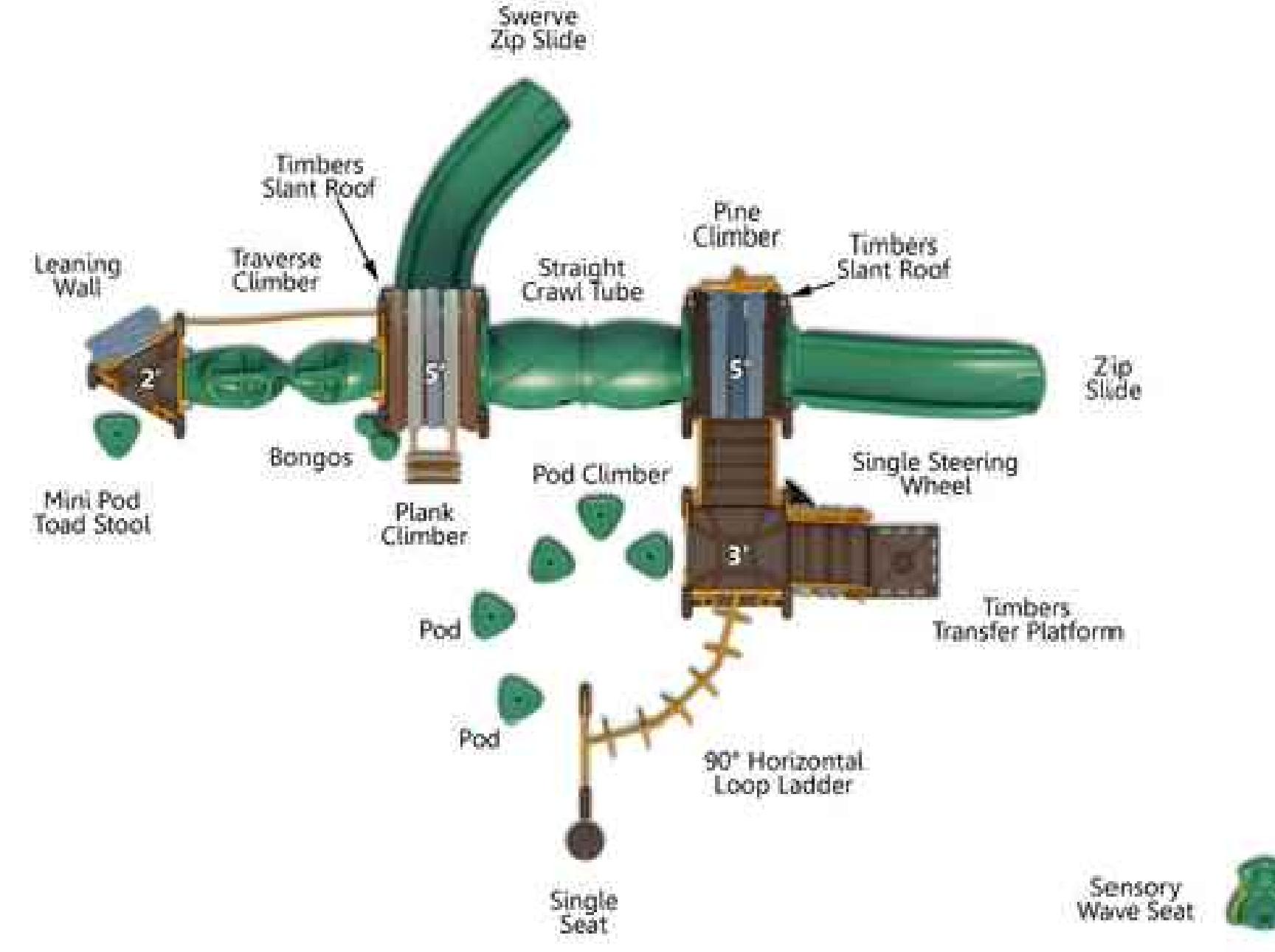
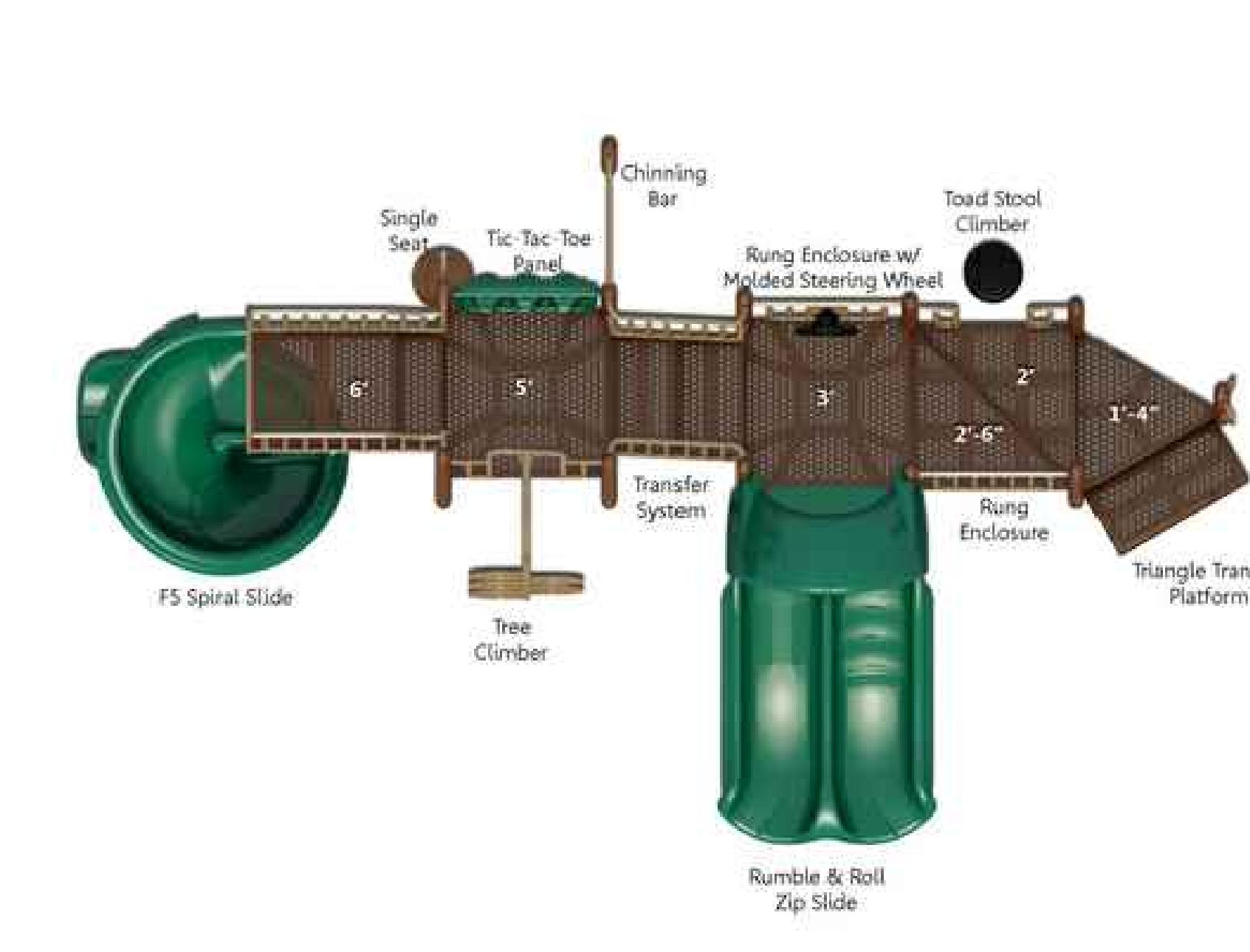
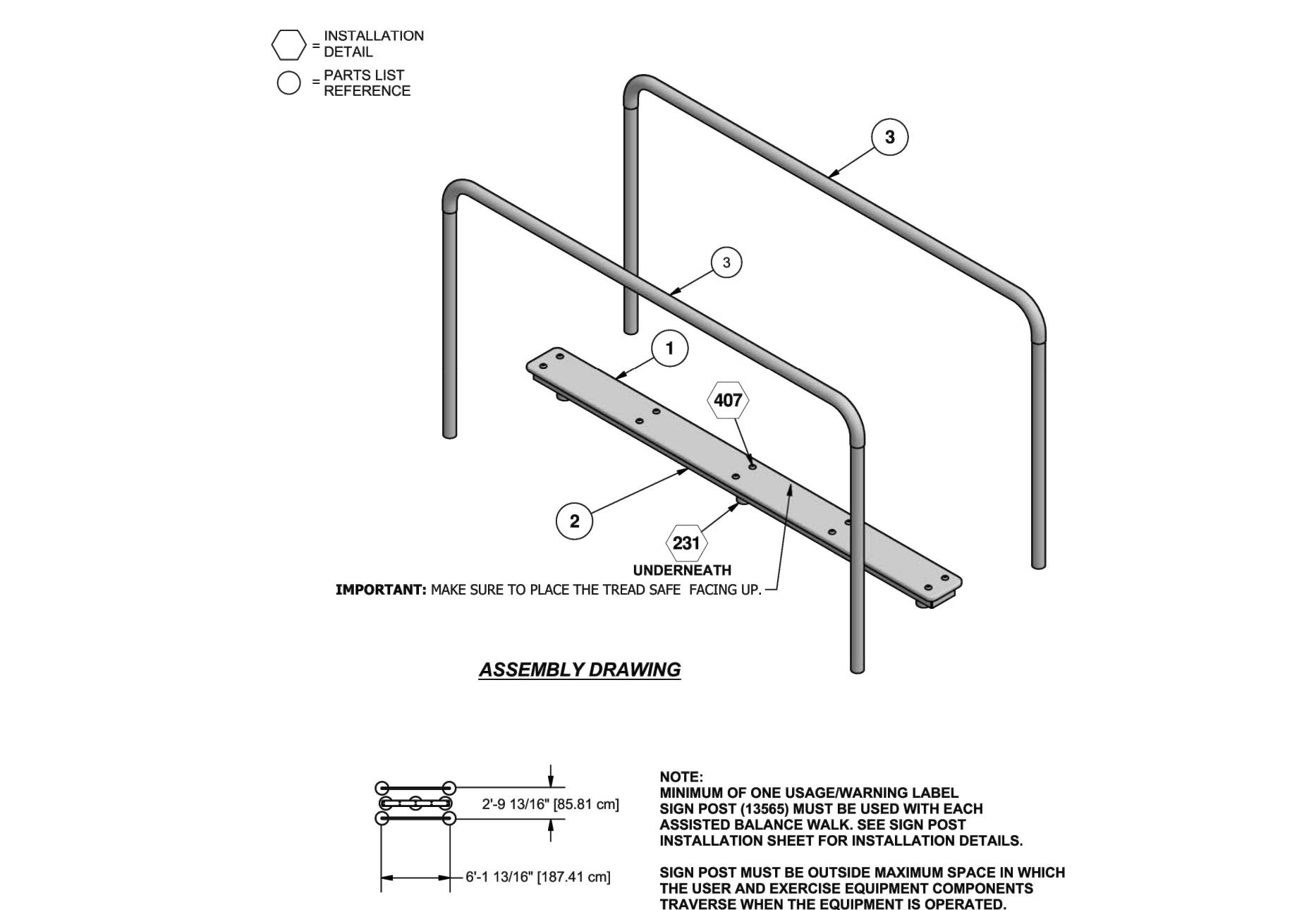
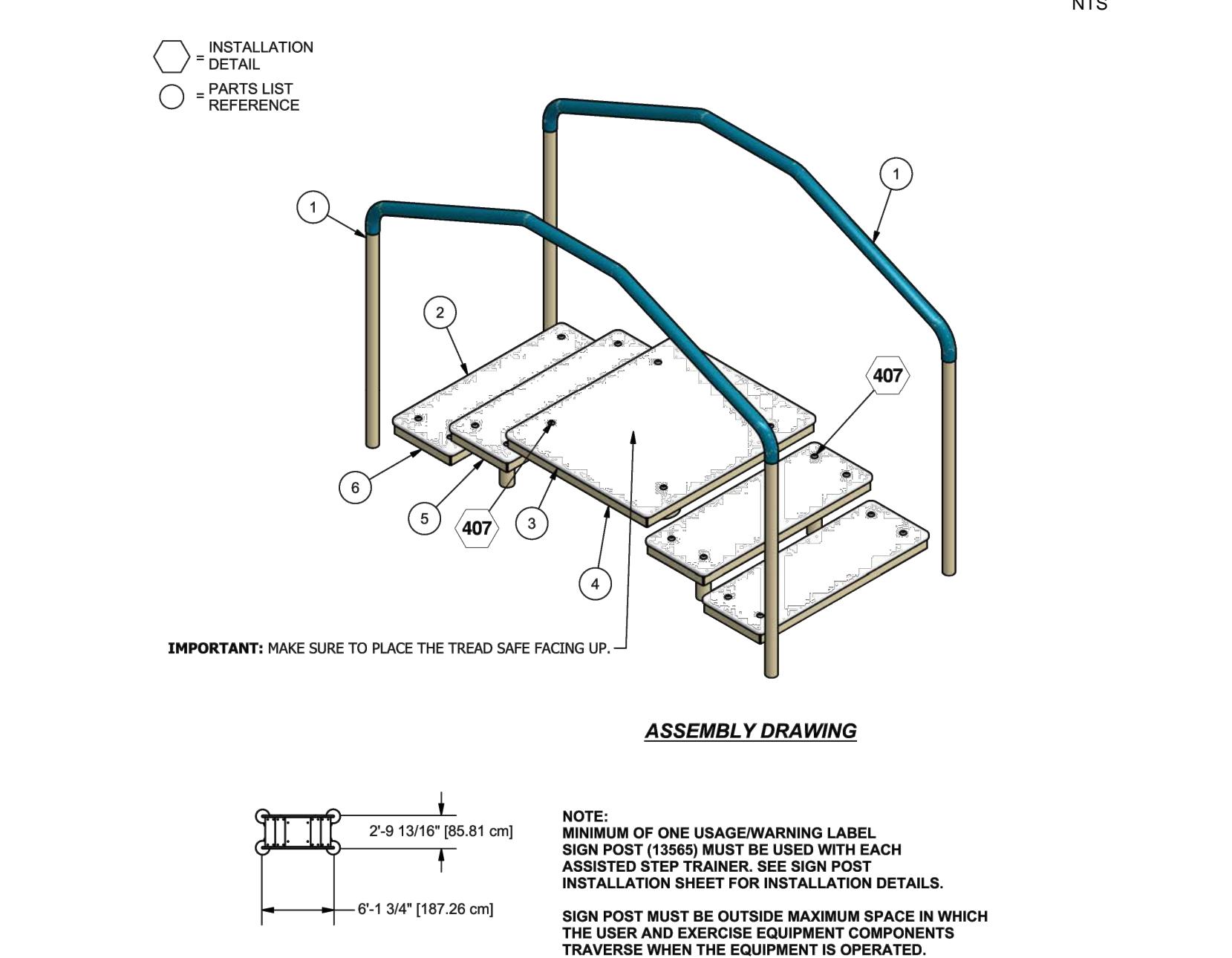
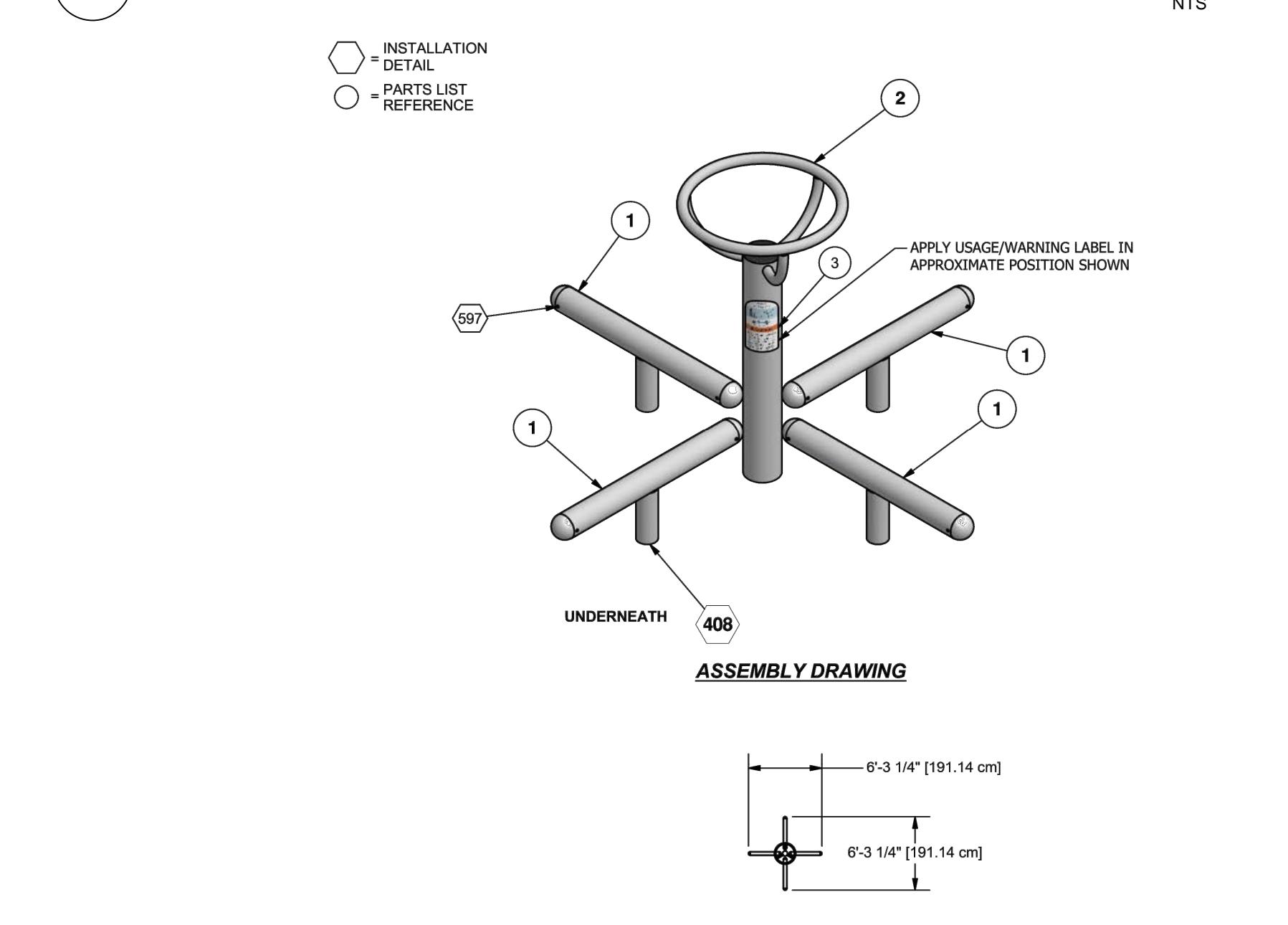
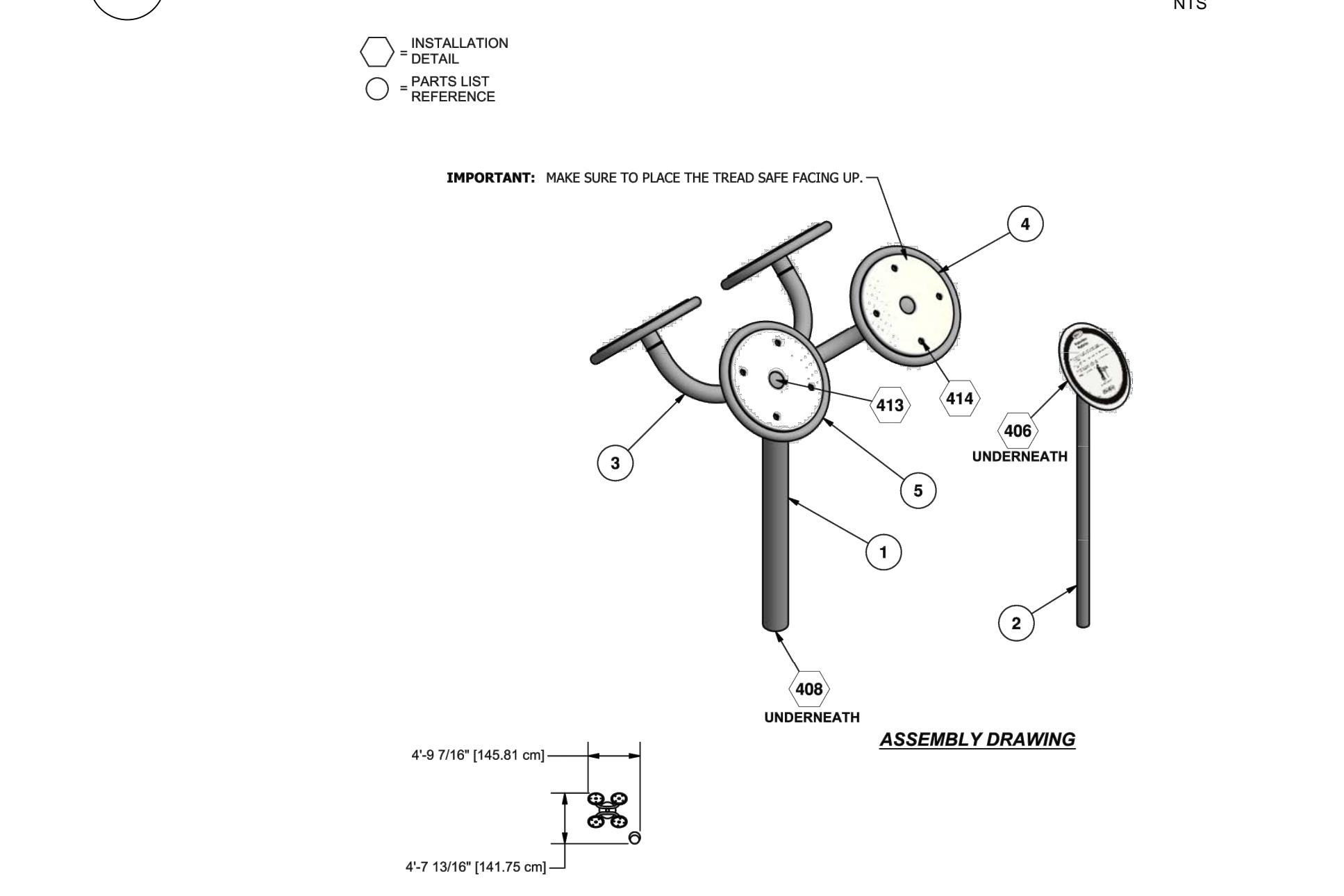
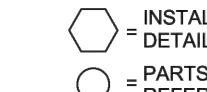
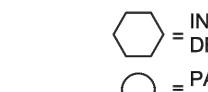
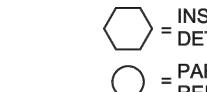
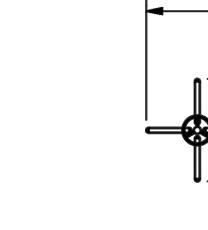
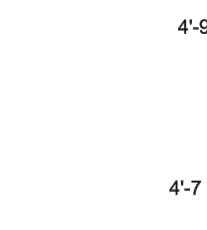
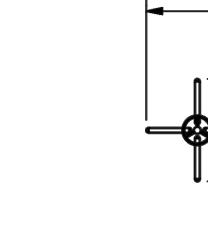
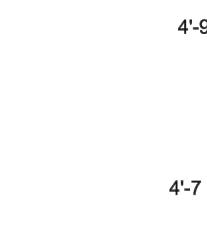
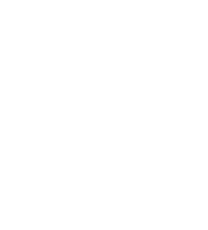
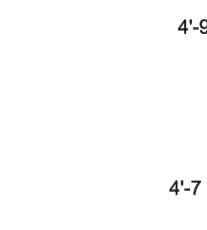
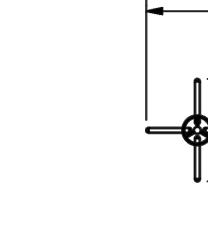
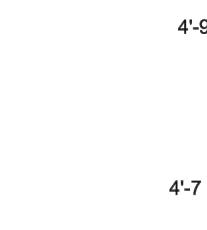
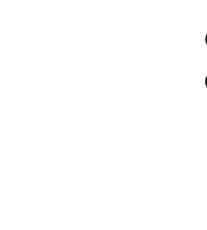
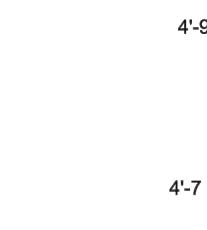
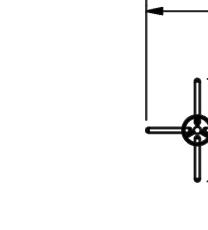
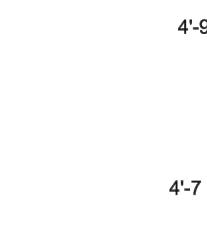
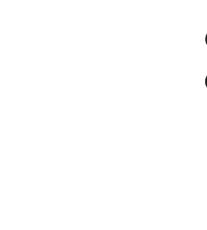
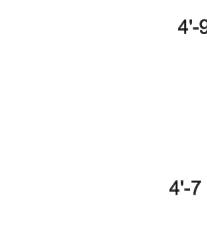
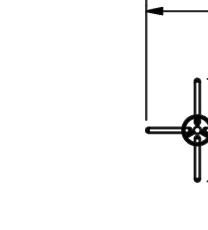
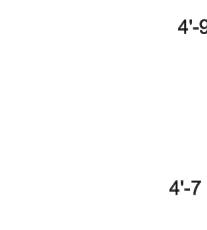
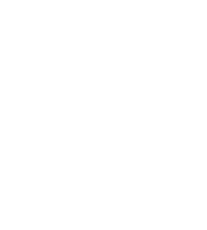
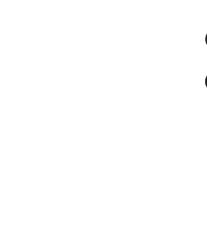
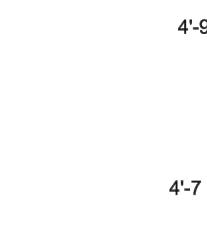
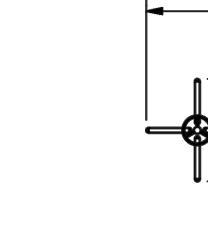
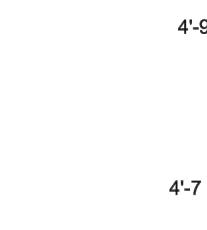
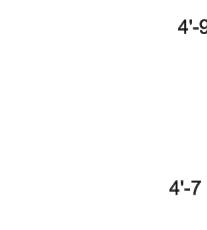
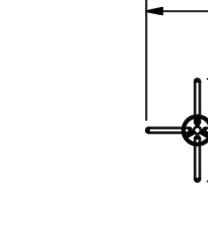
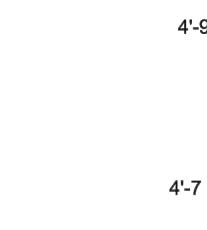
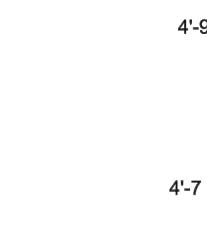
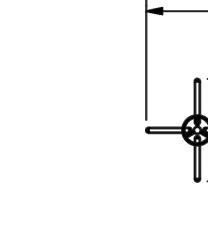
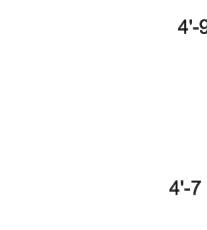
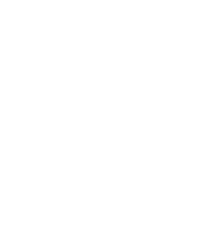
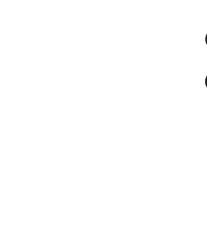
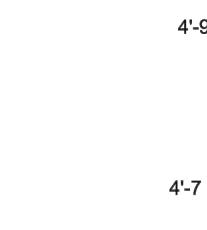
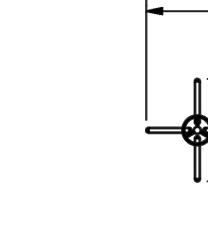
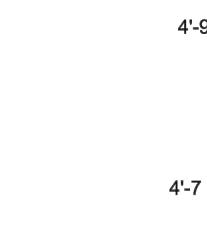
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ORLAND PARK, IL 60487

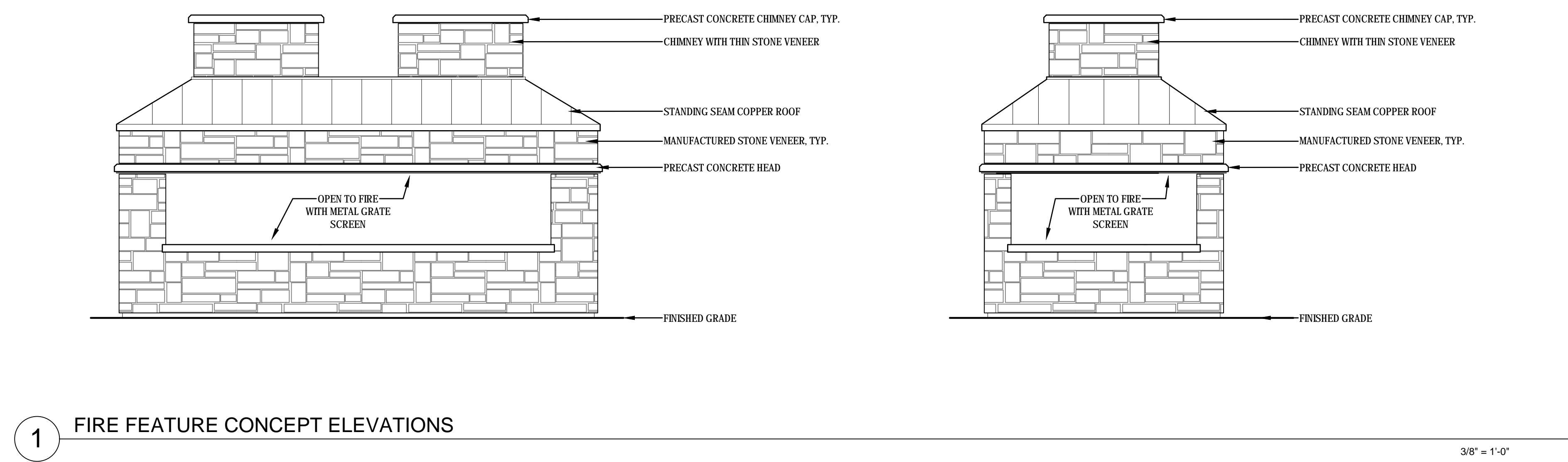
ORIGINAL ISSUE:
07/13/2018
KHA PROJECT NO.
16862600

SHEET NUMBER

4.1

SCALE: AS NOTED	DESIGNED BY: TFE	REVISED PER VILLAGE COMMENTS	02/06/19	WAW
DRAWN BY: JDC	REVISED PER VILLAGE COMMENTS	01/07/19	WAW	
CHECKED BY: WAW	REVISED PER VILLAGE COMMENTS	11/16/18	WAW	
No. 1		No. 2		DATE
REVISIONS		REVISIONS		BY

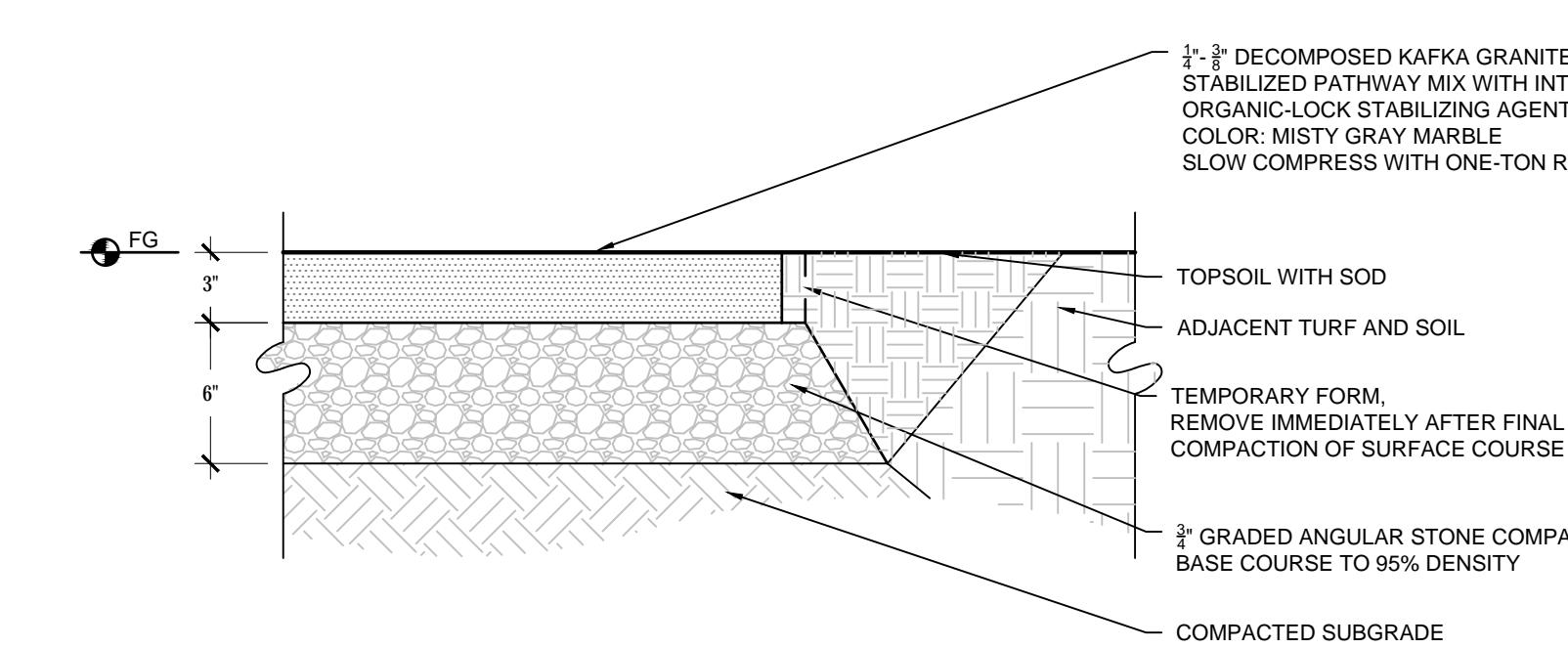
ORLAND RIDGE		PLAYGROUND & FITNESS DETAILS		Kimley»Horn	
LAGRANGE ROAD & 171ST STREET ORLAND PARK, IL 60487		S.R. JACOBSON www.jacobson.com	LORMAX STERN www.lormax.com	ORIGINAL ISSUE: 07/13/2018 KHA PROJECT NO. 16862600	02/06/19 WAW 01/07/19 WAW 11/16/18 WAW BY
				REvised PER VILLAGE COMMENTS REvised PER VILLAGE COMMENTS REvised PER VILLAGE COMMENTS	
				No. REVISIONS	
1 AGE 5-12 YEAR - PLAY SET		2 AGE 2-5 YEAR - PLAY SET		3 GAMETIME 14900 - ASSISTED BALANCE WALK	
					
					
4 GAMETIME 14901 - ASSISTED STEP TRAINER		5 GAMETIME 14903 - STEP AROUND STATION		6 GAMETIME 14905 - SHOULDER ROTATOR	
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
				<img alt="Top view diagram of the	



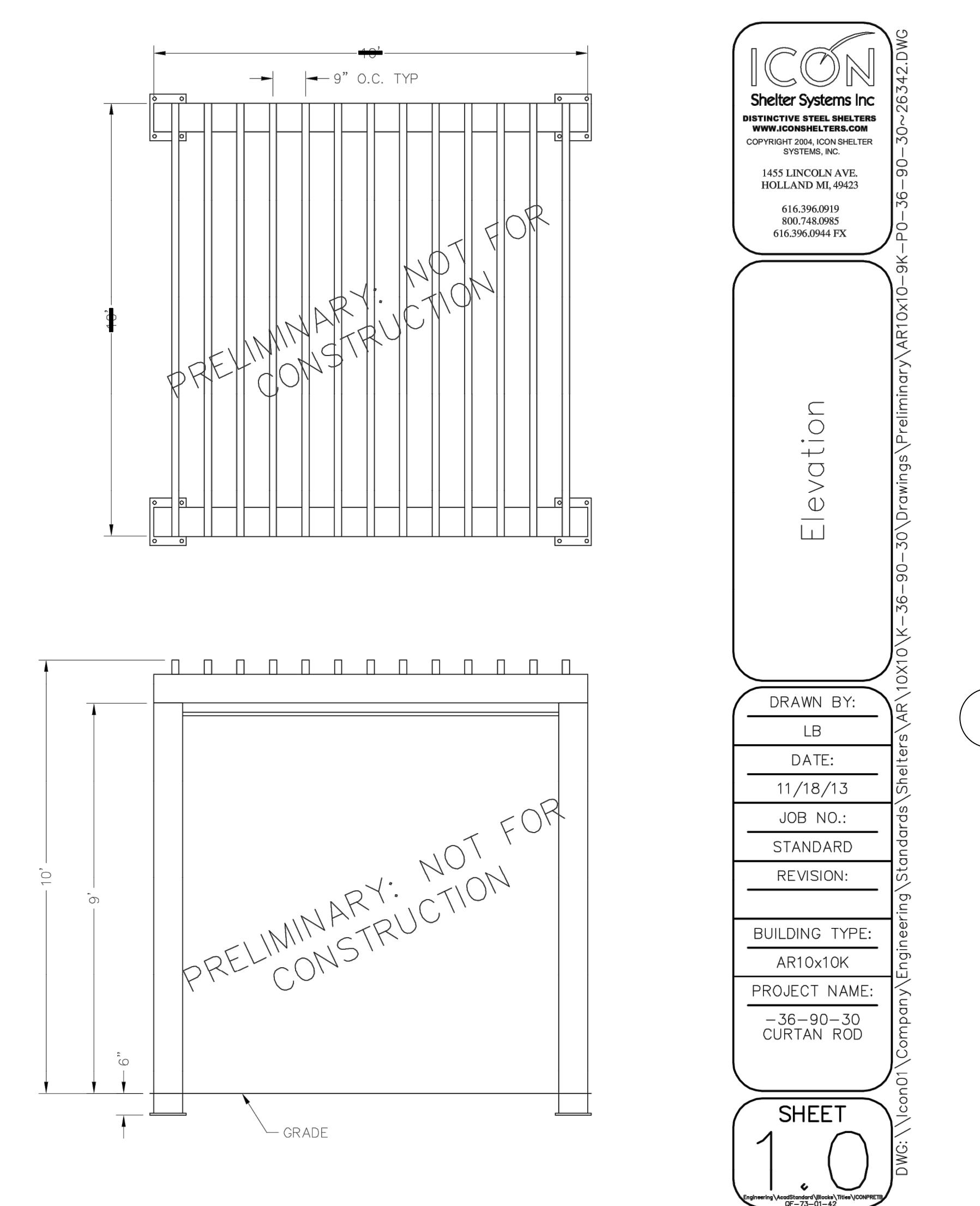
1 FIRE FEATURE CONCEPT ELEVATIONS



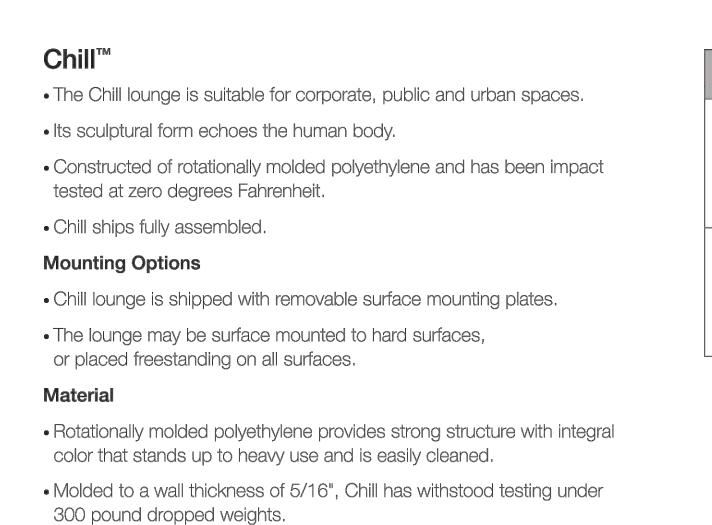
2 FIRE FEATURE CONCEPT



3 DECOMPOSED GRANITE

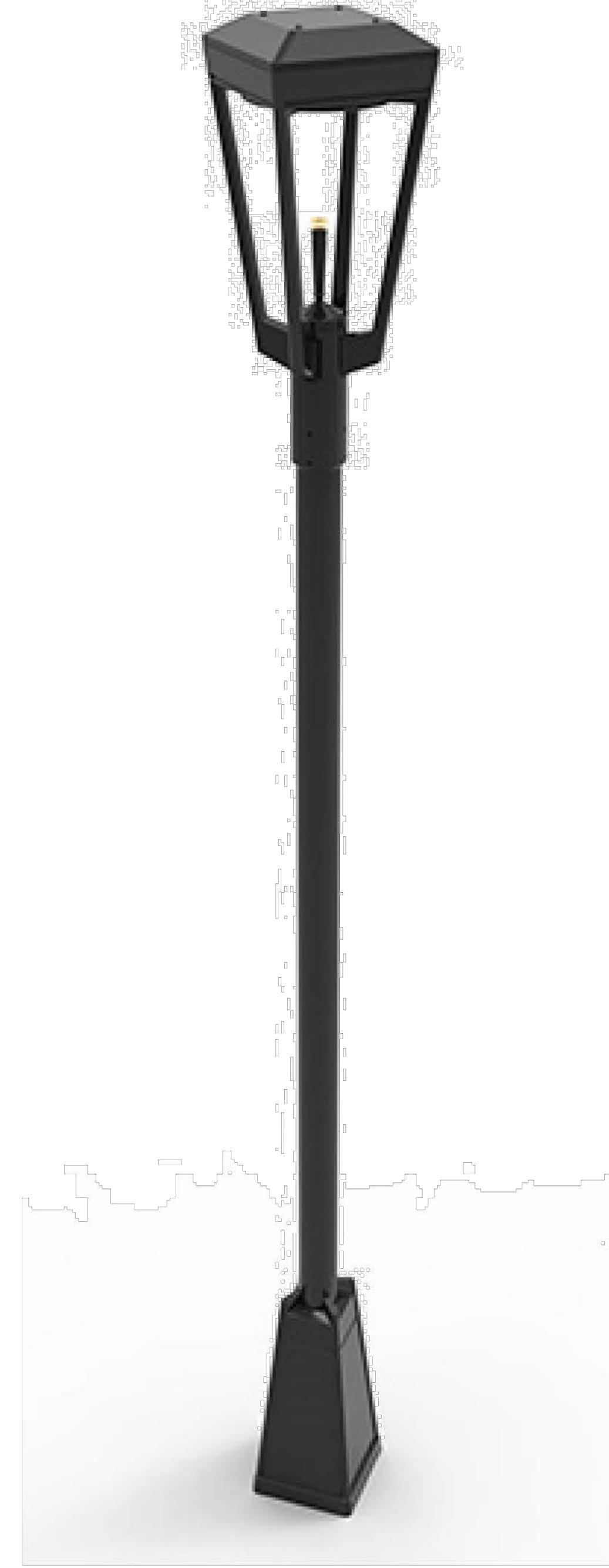


4 ICON - PERGOLA



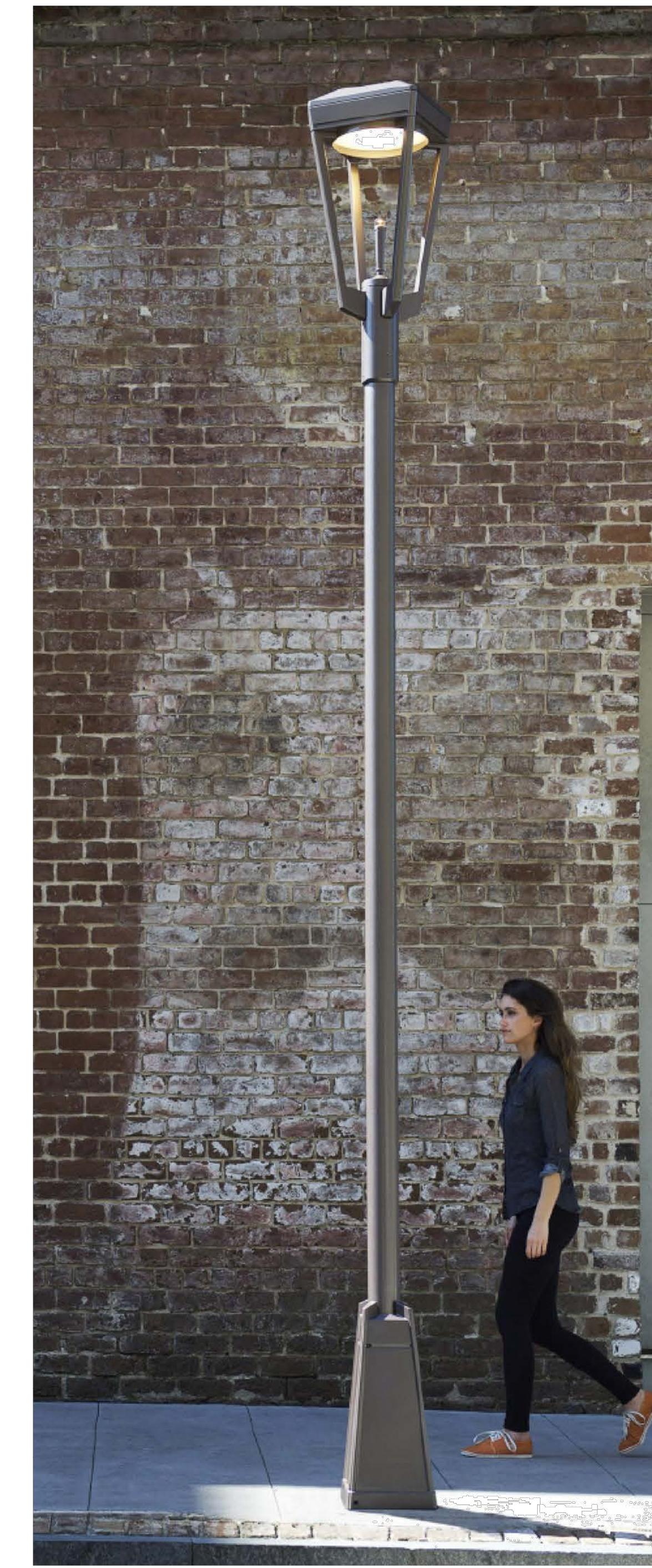
6 LANDSCAPE FORMS - 35 COLLECTION LOUNGE CHAIR

SHEET NUMBER	ORIGINAL ISSUE: 07/13/2018	KHA PROJECT NO. 16862600	PRELIMINARY NOT FOR CONSTRUCTION		DRAWN BY: JDC	CHECKED BY: WAW	REVISIONS	DATE: 11/16/18
			ORLAND RIDGE	COMMERCIAL AREA AMENITIES AND DETAILS				



ASHBERY - LANDSCAPE FORM

LIGHTING FIXTURES



ASHBERY BOLLARD- LANDSCAPE FORMS

TS





PRIMARY MONUMENT SIGN



SECONDARY MONUMENT SIGN



TERTIARY MONUMENT SIGN

MONUMENT SIGN



PLAN VIEW



PLAN VIEW



PLAN VIEW

NTS

Kimley»Horn

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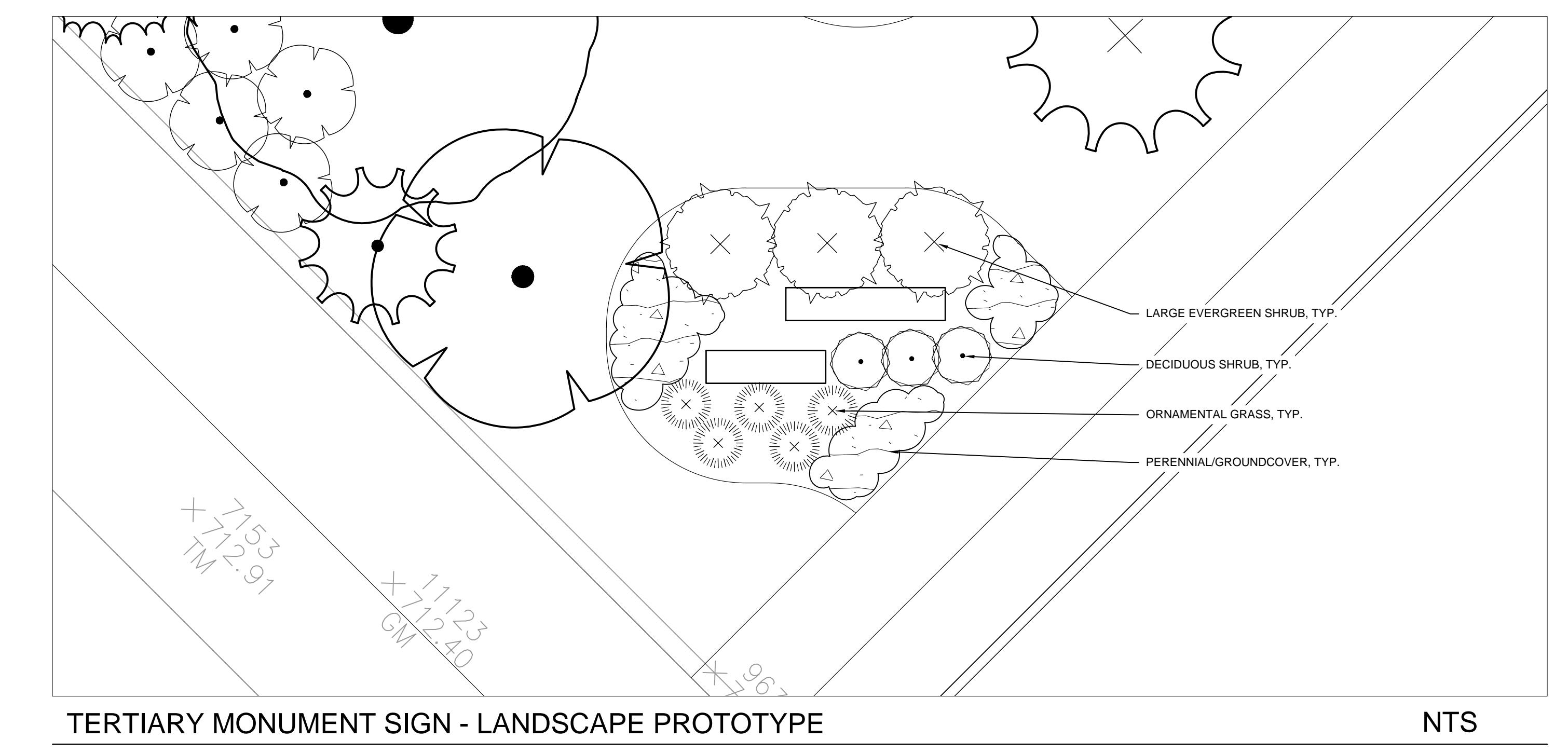
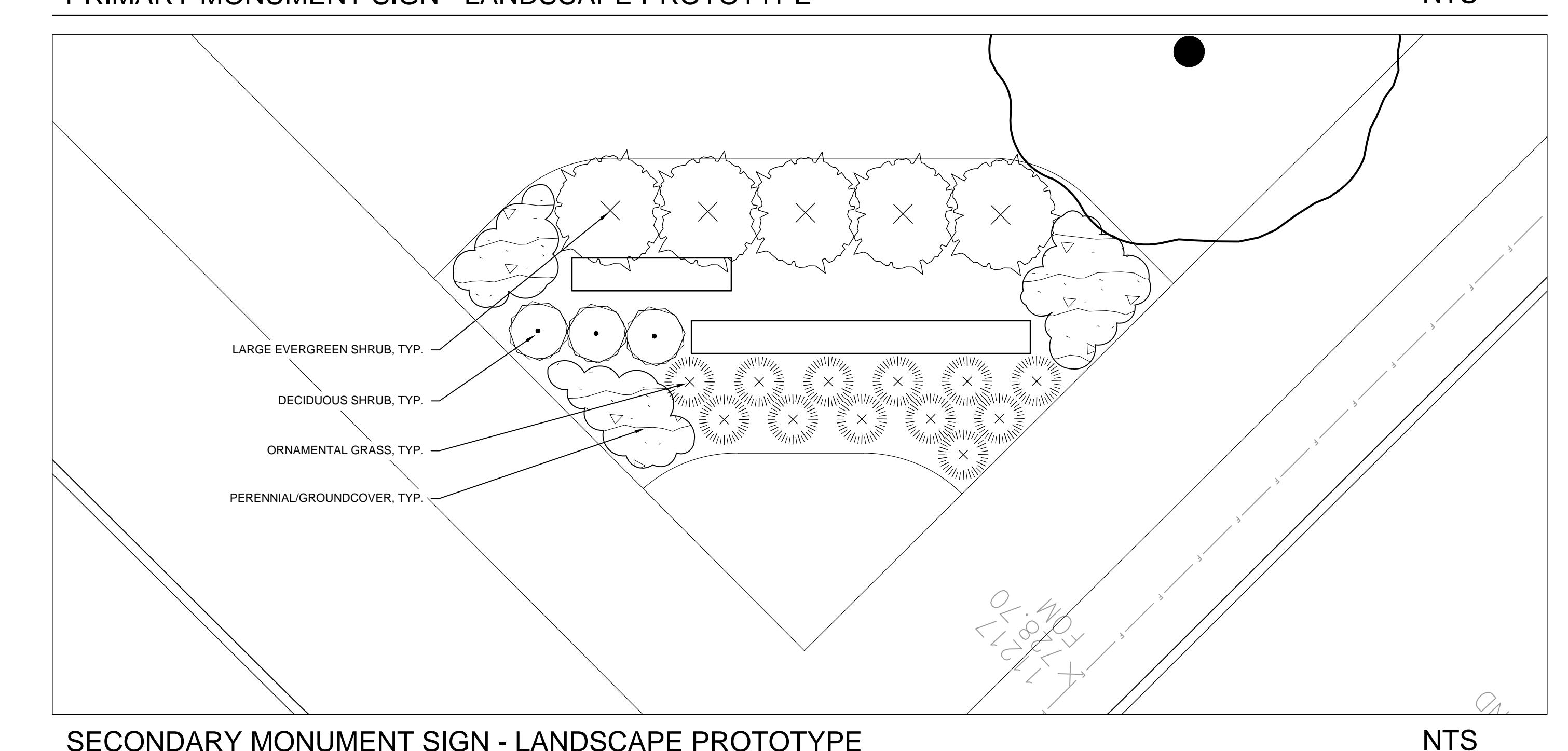
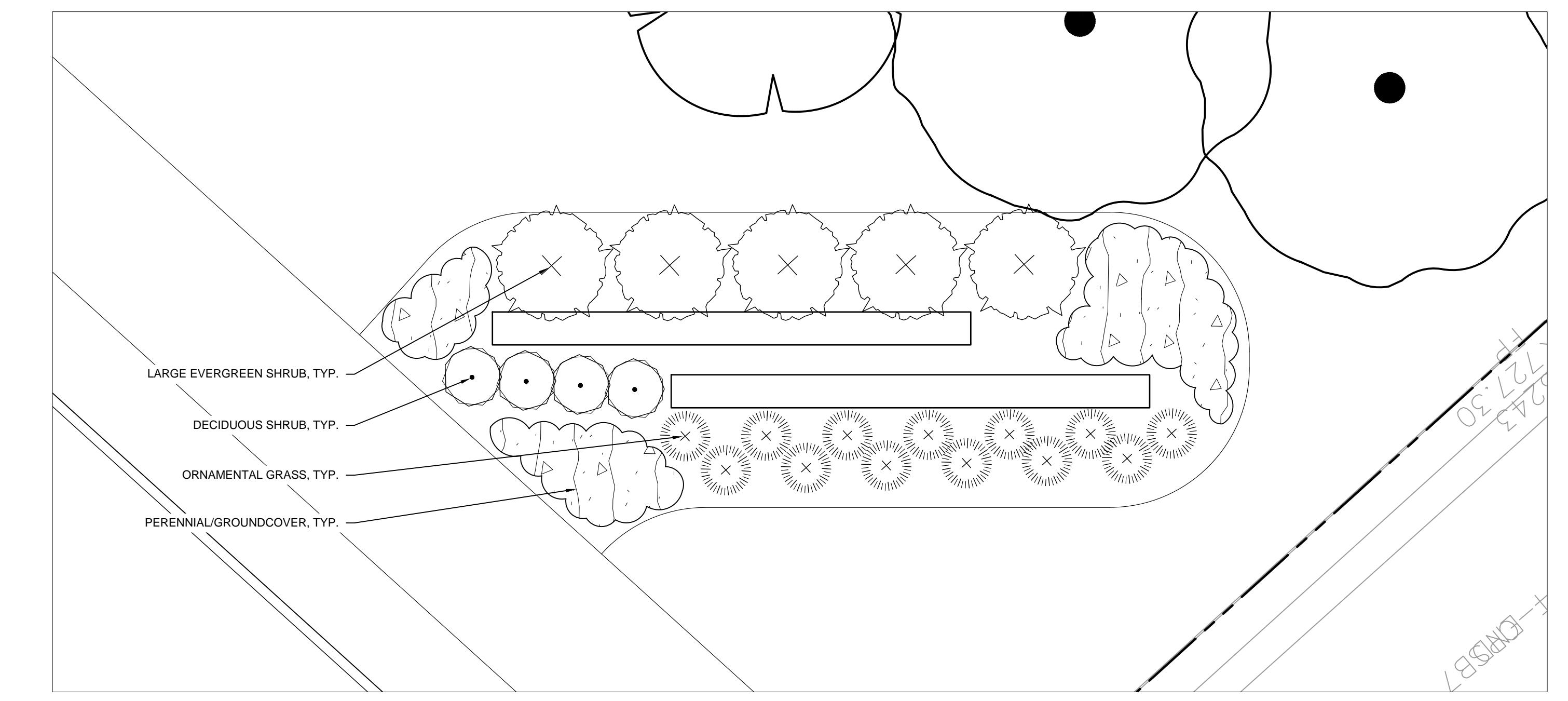
SR. JACOBSON
S.R. JACOBSON
LANDSCAPE ARCHITECTURE

LORMAX STERN
LORMAX STERN
LANDSCAPE ARCHITECTURE

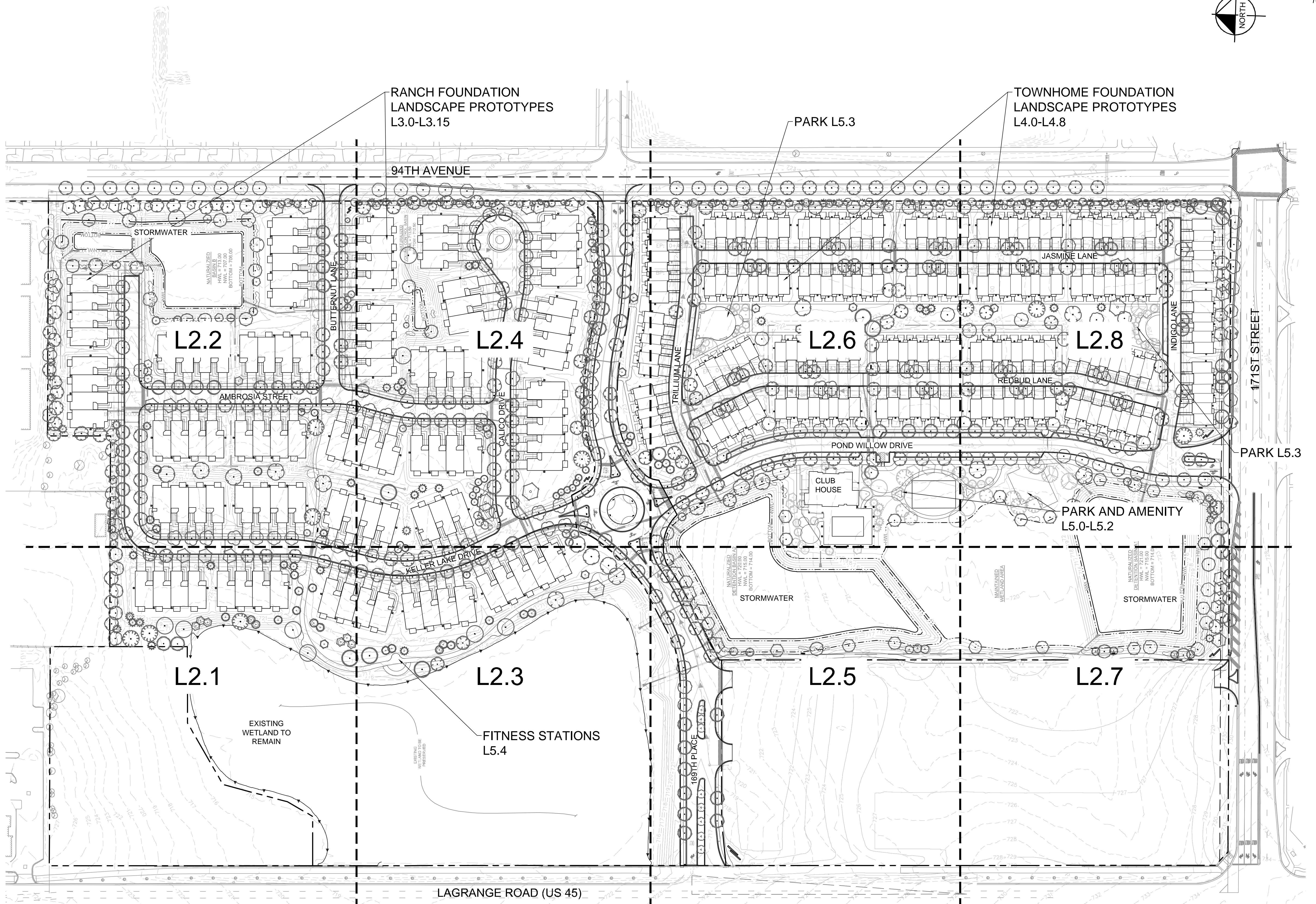
**CONCEPTUAL
SIGNAGE**

ORIGINAL ISSUE:
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KHA PROJECT NO.
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SHEET NUMBER

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ORLAND RIDGE LAGRANGE ROAD & 171ST STREET ORLAND PARK, IL 60487	SIGNAGE	S.R. JACOBSON	PRELIMINARY NOT FOR CONSTRUCTION	Kimley»Horn																			
	LANDSCAPE	LORMAX STERN		<table border="1"> <tr> <td>© 2010 KIMLEY-HORN AND ASSOCIATES, INC.</td> <td>REvised PER VILLAGE COMMENTS</td> <td>02/06/19</td> <td>WAW</td> </tr> <tr> <td>1001 WARRENVILLE ROAD, SUITE 350,</td> <td>REvised PER VILLAGE COMMENTS</td> <td>01/07/19</td> <td>WAW</td> </tr> <tr> <td>ISLE, IL 60532</td> <td>REvised PER VILLAGE COMMENTS</td> <td>11/16/18</td> <td>WAW</td> </tr> <tr> <td>PHONE: 630-487-3550</td> <td>REVISIONS</td> <td></td> <td>BY</td> </tr> <tr> <td>WWW.KIMLEY-HORN.COM</td> <td>NO.</td> <td></td> <td></td> </tr> </table>	© 2010 KIMLEY-HORN AND ASSOCIATES, INC.	REvised PER VILLAGE COMMENTS	02/06/19	WAW	1001 WARRENVILLE ROAD, SUITE 350,	REvised PER VILLAGE COMMENTS	01/07/19	WAW	ISLE, IL 60532	REvised PER VILLAGE COMMENTS	11/16/18	WAW	PHONE: 630-487-3550	REVISIONS		BY	WWW.KIMLEY-HORN.COM	NO.	
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L4.6																							



LAGRANGE ROAD (US 45)



MATCHLINE - SEE SHEET L2.3

SEE L2.9 FOR PLANT SCHEDULE
 SEE L6.0 FOR GROUNDCOVER PLAN

GRAPHIC SCALE IN FEET
 0 15 30 60

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1-800-892-0123

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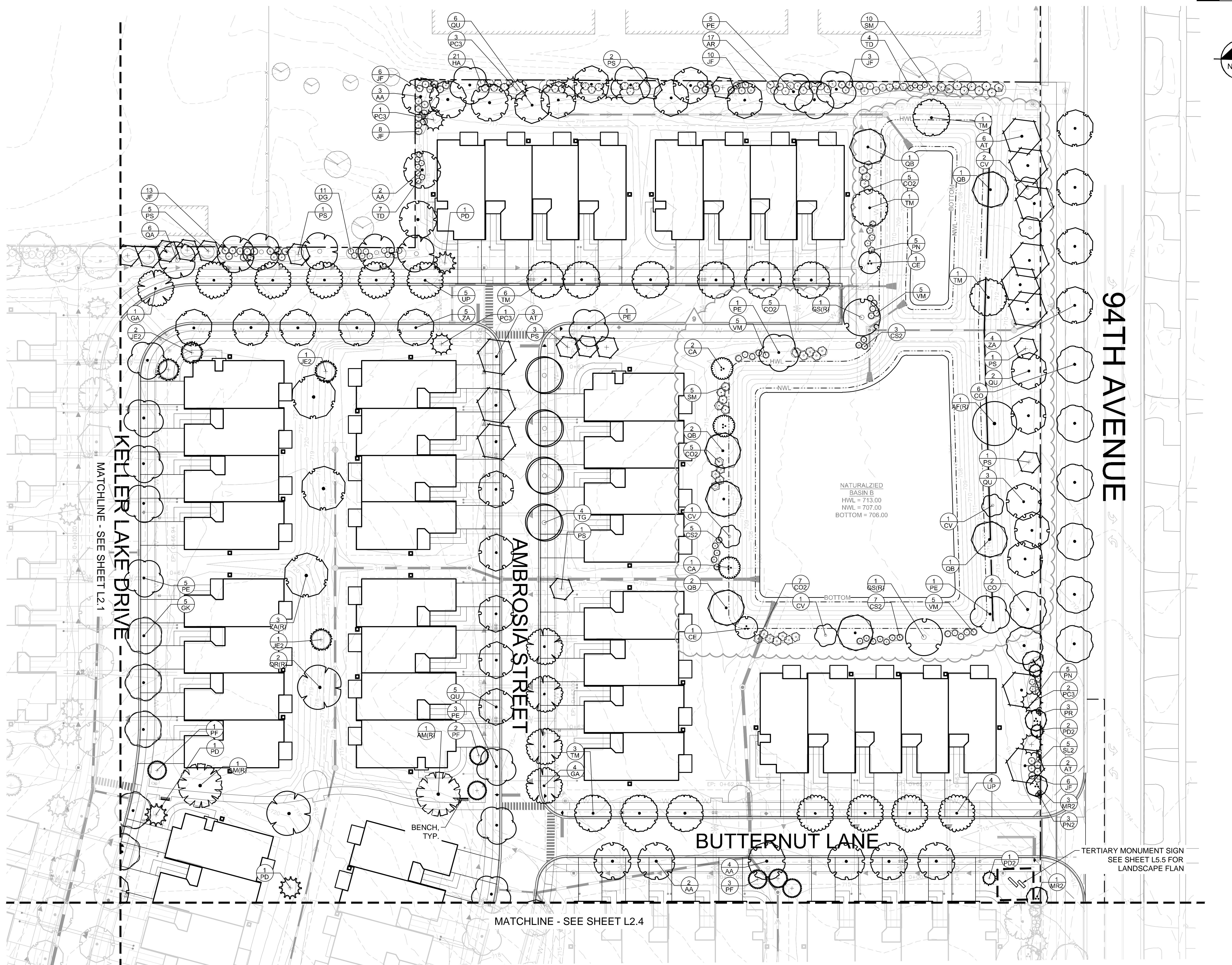
SRIACORSON
 Landscape Architecture

ORLAND RIDGE
 LAGRANGE ROAD & 171ST STREET
 ORLAND PARK, IL 60487

ORIGINAL ISSUE:
 07/17/2019
 KHA PROJECT NO.
 168626000
 SHEET NUMBER

L2.1

△ REVISED PER VILLAGE/CDOT COMMENTS	02/14/20	WAW
△ REVISED PER IDOT COMMENTS	02/06/20	SKA
△ LANDSCAPE REV PER VILLAGE COMMENTS	02/05/20	WAW
△ REVISED PER VILLAGE/CDOT COM. 1	01/09/20	WAW
△ REVISED PER VILLAGE/CDOT COMMENTS	12/20/19	WAW
△ REVISED PER CDOT/MWMD COMMENTS	11/21/19	WAW
△ REVISED PER VILLAGE/MWMD COMMENTS	10/15/19	WAW
REVISIONS	DATE	BY



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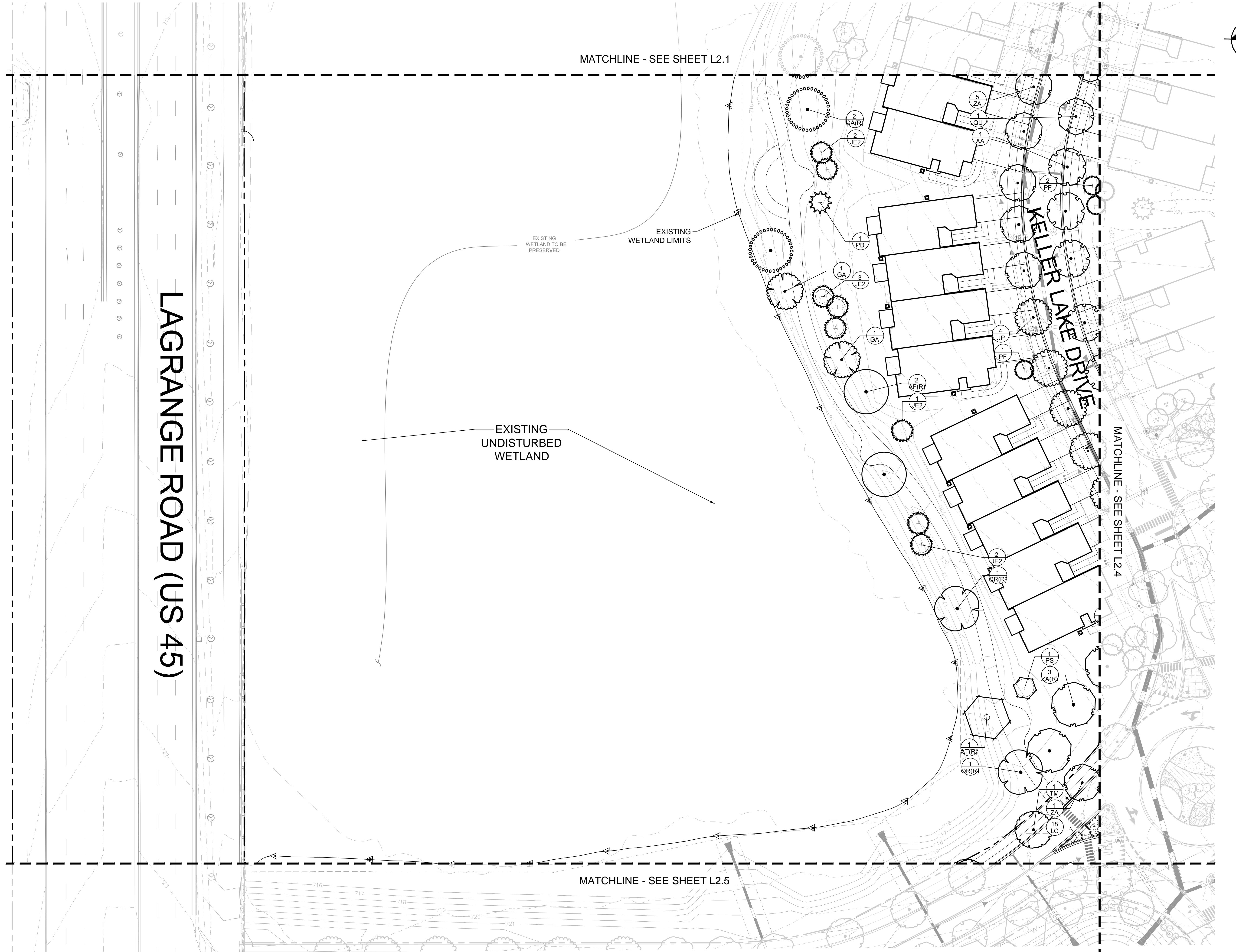
S.R. JACKSON
 JACKSON & JACKSON, INC.

OVERALL LANDSCAPE PLAN
 LAGRANGE ROAD & 171ST STREET
 ORLAND PARK, IL 60487

ORIGINAL ISSUE: 07/17/2019
 KHA PROJECT NO. 168626000
 SHEET NUMBER

L2.2

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SEE L2.9 FOR PLANT SCHEDULE
 SEE L6.0 FOR GROUNDCOVER PLAN

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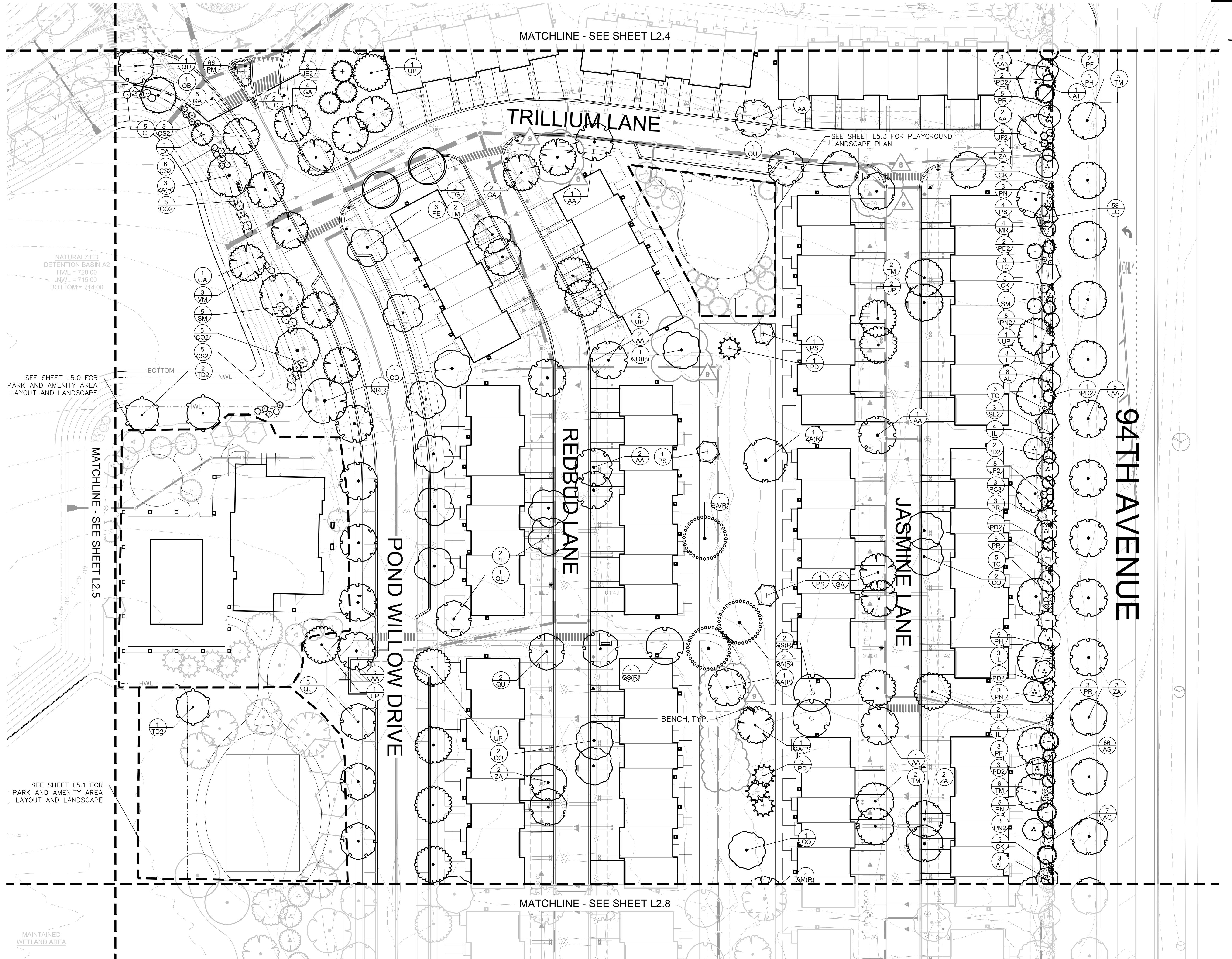
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ORLAND RIDGE
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 ORLAND PARK, IL 60487

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PLANT SCHEDULE

TREES			CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	SHRUBS
AA	56	ACER X FREEMANII 'JEFFSRED'			AUTUMN BLAZE MAPLE	B & B	2.5" CAL MIN			
AT	35	ACER FREEMANII 'MARMO'			MARMO FREEMAN MAPLE	B & B	2.5" CAL MIN			
CO	28	CELTIS OCCIDENTALIS			COMMON HACKBERRY	B & B	2.5" CAL MIN			
GA	44	GINKGO BILOBA 'AUTUMN GOLD' TM			MAIDENHAIR TREE	B & B	2.5" CAL MIN			
GK	28	GYMNOCLADUS DIOICA			KENTUCKY COFFEE TREE	B & B	2.5" CAL MIN			
PE	44	PLATANUS X ACERIFOLIA 'EXCLAMATION' TM			EXCLAMATION LONDON PLANE TREE	B & B	2.5" CAL MIN			
QA	15	QUERCUS ALBA			WHITE OAK	B & B	2.5" CAL MIN			
QB	16	QUERCUS BICOLOR			SWAMP WHITE OAK	B & B	2.5" CAL MIN			
QU	53	QUERCUS RUBRA			RED OAK	B & B	2.5" CAL MIN			
TD2	15	TAXODIUM DISTICHUM			BALD CYPRESS	B & B	2.5" CAL MIN			
TG	13	TILIA CORDATA 'GREENSPIRE'			GREENSPIRE LITTLELEAF LINDEN	B & B	2.5" CAL MIN			
TM	59	TILIA AMERICANA 'MCKSENTRY'			SENTRY LINDEN	B & B	2.5" CAL MIN			
UP	56	ULMUS AMERICANA 'PRINCETON'			AMERICAN ELM	B & B	2.5" CAL MIN			
ZA	56	ZELKOVA SERRATA 'AUTUMN GLOW'			AUTUMN GLOW JAPANESE ZELKOVA	B & B	2.5" CAL MIN			
EVERGREEN TREES			CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	
JE2	31	JUNIPERUS VIRGINIANA			EASTERN RED CEDAR	B & B		6' HT MIN		
JF2	23	JUNIPERUS CHINENSIS 'FAIRVIEW'			FAIRVIEW JUNIPER	B & B		6' HT MIN		
PC3	30	PICEA PUNGENS			COLORADO SPRUCE	B & B		6' HT MIN		
PD	27	PSEUDOTSUGA MENZIESII			DOUGLAS FIR	B & B		6' HT MIN		
PD2	42	PICEA GLAUCA 'DENSATA'			BLACK HILLS SPRUCE	B & B		6' HT MIN		
PF	39	PINUS FLEXILIS 'VANDERWOLF'S PYRAMID'			VANDERWOLF'S PYRAMID PINE	B & B		6' HT MIN		
PS	43	PINUS STROBOS			WHITE PINE	B & B		6' HT MIN		
ORNAMENTAL TREES			CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	
AA3	7	AMELANCHIER CANADENSIS 'AUTUMN BRILLIANCE'			AUTUMN BRILLIANCE SERVICEBERRY	B & B	MULTI-TRUNK	6' HT MIN		
AL	20	AMELANCHIER LAEVIS 'LUSTRE'			LUSTRE ALLEGHENY SERVICEBERRY	B & B	MULTI-TRUNK	6' HT MIN		
CA	11	CARPINUS CAROLINIANA			AMERICAN HORNBEAM	B & B	MULTI-TRUNK	6' HT MIN		
CE	6	CERCIS CANADENSIS			EASTERN REDBUD	B & B	MULTI-TRUNK	6' HT MIN		
CV	14	CRATAEGUS CRUS-GALLI INERMIS TM			THORNLESS COCKSPUR HAWTHORN	B & B	MULTI-TRUNK	6' HT MIN		
MR	13	MALUS X 'ROYAL RAINDROPS'			ROYAL RAINDROPS CRABAPPLE	B & B	SINGLE STEM	6' HT MIN		
MR2	10	MAGNOLIA STELLATA 'ROYAL STAR'			ROYAL STAR MAGNOLIA	B & B	MULTI-TRUNK	6' HT MIN		
SI	14	SYRINGA RETICULATA 'IVORY SILK'			IVORY SILK JAPANESE TREE LILAC	B & B	MULTI-TRUNK	6' HT MIN		
PARKWAY REPLACEMENT TREES			CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	
AA(P)	1	ACER X FREEMANII 'JEFFSRED'			AUTUMN BLAZE MAPLE	B & B	2.5" CAL MIN			
CO(P)	3	CELTIS OCCIDENTALIS			COMMON HACKBERRY	B & B	2.5" CAL MIN			
GA(P)	1	GINKGO BILOBA 'AUTUMN GOLD' TM			MAIDENHAIR TREE	B & B	2.5" CAL MIN			
TD(P)	3	TAXODIUM DISTICHUM			BALD CYPRESS	B & B	2.5" CAL MIN			
REPLACEMENT TREES			CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	
AF(R)	9	ACER RUBRUM 'FRANK JR.'			REDPOINTE MAPLE	B & B	4" CAL MIN			
AM(R)	9	ACER MIYABEI 'MORTON' TM			MIYABEI MAPLE	B & B	4" CAL MIN			
AT(R)	10	ACER FREEMANII 'AUTUMN BLAZE'			AUTUMN BLAZE MAPLE	B & B	4" CAL MIN			
GA(R)	7	GINKGO BILOBA 'AUTUMN GOLD' TM			MAIDENHAIR TREE	B & B	4" CAL MIN			
GS(R)	10	GLEDTISIA TRIACANTHOS INERMIS 'SHADEMASTER' TM			SHADEMASTER LOCUST	B & B	4" CAL MIN			
QR(R)	10	QUERCUS RUBRA			RED OAK	B & B	4" CAL MIN			
ZA(R)	10	ZELKOVA SERRATA 'AUTUMN GLOW'			AUTUMN GLOW JAPANESE ZELKOVA	B & B	4" CAL MIN			

ORLAND RIDGE			OVERALL LANDSCAPE			PLANT SCHEDULE			S.R. HORNSON		
AR	20	ARONIA ARBUTIFOLIA	RED CHokeBERRY	-	SEE PLAN	24" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	02/14/20	WAW
BM	32	Buddleja X 'MISS RUBY'	BUTTERFLY BUSH	-	SEE PLAN	36" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	02/06/20	SKA
CI	49	CORNUS SERICEA 'ISANTI'	ISANTI REDOSIER DOGWOOD	-	SEE PLAN	24" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	01/09/20	WAW
CO2	72	CEPHALANTHUS OCCIDENTALIS	BUTTONBUSH	-	SEE PLAN	36" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	02/12/20	WAW
CS2	89	CORNUS SERICEA 'CARDINAL'	'CARDINAL' RED-Twig DOGWOOD	-	SEE PLAN	36" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	12/20/19	WAW
DG	11	DIERVILLA RIVULARIS 'G2X885411'	KODIAK RED BUSH HONEYSUCKLE	-	SEE PLAN	24" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	11/15/19	WAW
HA	21	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE SMOOTH HYDRANGEA	-	SEE PLAN	24" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	01/15/19	WAW
IL	42	ITEA VIRGINICA 'LITTLE HENRY' TM	LITTLE HENRY VIRGINIA SWEETSPIRE	-	SEE PLAN	18" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	01/15/19	WAW
JF	46	JUNIPERUS CHINENSIS 'SEA GREEN'	SEA GREEN JUNIPER	-	SEE PLAN	24" SPREAD			REVISED PER VILLAGE/CDOT COMMENTS	01/15/19	WAW
PN	65	PHYSOCARPUS OPULIFOLIUS 'SUMMER WINE'	SUMMER WINE NINEBARK	-	SEE PLAN	36" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	01/15/19	WAW
R3	27	ROSA X 'RADRAZZ'	KNOCK OUT SHRUB ROSE	-	SEE PLAN	18" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	01/15/19	WAW
RB	6	RHUS TYPHINA 'BALTIGER' TM	TIGER EYES SUMAC	-	SEE PLAN	36" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	01/15/19	WAW
SM	49	SYRINGA MEYERI 'PALIBIN'	DWARF KOREAN LILAC	-	SEE PLAN	36" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	01/15/19	WAW
TC	26	THUJA OCCIDENTALIS 'CONGBAE' TM	FIRE CHIEF ARBORVITAE	-	SEE PLAN	24" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	01/15/19	WAW
TD	11	TAXUS X MEDIA 'DENSIFORMIS'	DENSE YEW	-	SEE PLAN	24" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	01/15/19	WAW
VM	24	VIBURNUM DENTATUM 'BLUE MUFFIN'	SOUTHERN ARROWWOOD	-	SEE PLAN	24" HT MIN			REVISED PER VILLAGE/CDOT COMMENTS	01/15/19	WAW
GRASSES			CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE		
CK	30	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	#1	SEE PLAN						
PH	31	PANICUM VIRGATUM 'HEAVY METAL'	BLUE SWITCH GRASS	#1	SEE PLAN						
PN2	32	PANICUM VIRGATUM 'NORTHWIND'	SWITCH GRASS	#1	SEE PLAN						
PR	42	PANICUM VIRGATUM 'ROTSTRAHLBUSCH'	ROTSTRAHLBUSCH SWITCH GRASS	#2	SEE PLAN						
SL2	38	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM GRASS	#2	SEE PLAN						
PERENNIALS AND GRASSES			CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT			SPACING	
AB	70	AMSONIA TABERNAEOMONTANA 'BLUE ICE'	BLUE ICE STAR FLOWER	#1						24" o.c.	
AC	53	ANEMONE CANADENSIS	CANADIAN ANEMONE	#1						36" o.c.	
AS	190	ASCLEPIAS SYRIACA	COMMON MILKWEED	#1						12" o.c.	
AS2	39	ALLIUM X 'SUMMER BEAUTY'	SUMMER BEAUTY ALLIUM	#1						24" o.c.	
LC	217	LIRIOPE SPICATA	CREEPING LILY TURF	#1						18" o.c.	
PM	188	PERENNIAL MIX 50% ECHINACEA 'PICA BELLA', 50% RUDBECKIA FULGIDA VAR. SPECIOSA		#1						18" o.c.	
PM2	120	PERENNIAL MIX 2 50% ALLIUM 'SUMMER BEAUTY', 50% SPOROBOLUS HETEROLEPIS 'TARA'		#1						24" o.c.	
PM3	159	PERENNIAL MIX 3 33% ECH									