








































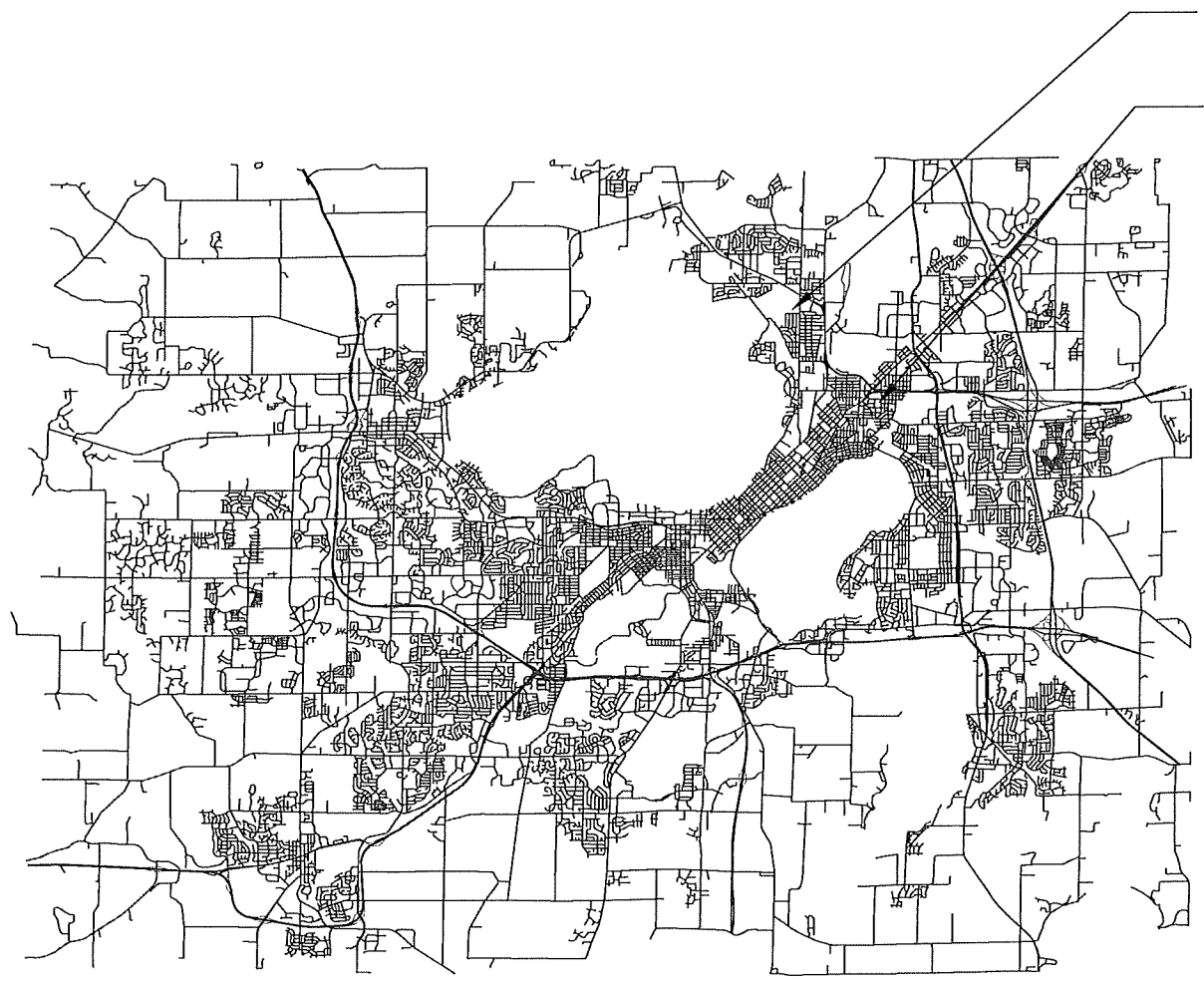


LEGEND

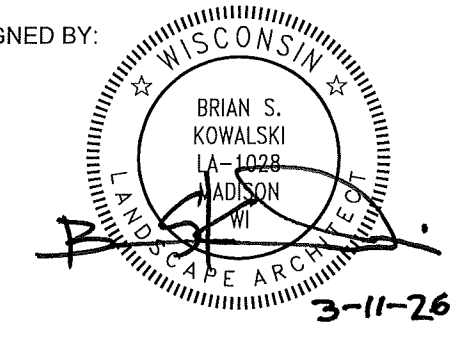
-  EX. ELECTRICAL HAND HOLE
-  EX. ELECTRICAL PEDESTAL
-  EX. TELEPHONE PEDESTAL
-  EX. TREE
-  EX. WATER HYDRANT
-  EX. WATER VALVE
-  EX. PROPERTY LINE
-  EX. EASEMENT
-  EX. FENCE LINE
-  EX. TREE LINE
-  EX. CONTOUR (INDEX)
-  EX. CONTOUR (INTER)
-  EX. ABANDONED UTILITY
-  EX. ELECTRIC
-  EX. FIBER OPTIC
-  EX. NATURAL GAS
-  EX. OVERHEAD LINE
-  EX. SANITARY SEWER
-  EX. STORM SEWER
-  EX. CABLE TV
-  EX. UNDERGROUND TELEPHONE
-  EX. WATER LINE
-  EX. GRAVEL
-  EX. CONCRETE
-  PRO. SPOT ELEVATION
-  PRO. CONTOUR (INDEX)
-  PRO. CONTOUR (INTER)
-  PRO. SWALE
-  PRO. SILT SOCK
-  PRO. CONSTRUCTION FENCE
-  PRO. STORM SEWER
-  PRO. ASPHALT
-  PRO. CONCRETE
-  PRO. CONSTRUCTION ENTRANCE
-  PRO. MILL AND RESURFACE
-  REMOVE MILL AND RESURFACE
-  REMOVE EX. ASPHALT
-  REMOVE ELECTRICAL SERVICE
-  REMOVE LIGHT POLE
-  CLEAR AND GRUB
-  CONDUIT SLEEVE

WARNER PARK PICKLEBALL COURTS AND WORTHINGTON PARK FUTSAL COURT

MUNIS NUMBERS:
15049-51-130 & 15153-51-130



DESIGNED BY:



City of Madison
Department of Public Works
PARKS DIVISION
330 E. Lakeside St.
Madison, WI 53715

**MADISON
PARKS**



WARNER PARK
2930 N. SHERMAN AVE.

WORTHINGTON PARK
3102 WORTHINGTON AVE.

SHEET SCHEDULE

- WARNER PARK PICKLEBALL COURTS
- L101 Project Location and Site Access Plan
 - L102 Existing Conditions
 - L103 Demolition and Erosion Control Plan
 - L104 Site Plan
 - L105 Grading and Stormwater Plan
 - L106 Site Restoration Plan
 - L107 Court Layout
 - L108 Pavement & Bike Rack Details
 - L109 Fence & Net Details
 - L110 Stormwater Details
 - L111 Design Computations
 - L-112 500 Year Stormwater Plan
- WORTHINGTON PARK FUTSAL COURT
- L201 Project Location and Site Access Plan
 - L202 Existing Conditions
 - L203 Demolition and Erosion Control Plan
 - L204 Site Plan
 - L205 Grading and Stormwater Plan
 - L206 Site Restoration Plan
 - L207 Court Layout
 - L208 Pavement Details
 - L209 Design Computations
- Electrical Drawings
- G100 Cover Sheet
 - E000 Electrical Notes and Symbols
 - ED100 Electrical Site Demolition Plan
 - E100 Electrical Site Plan
 - E500 Electrical Schedules and Details

Although every effort has been made in preparing these plans and checking them for accuracy, the contractor and subcontractors must check all details and dimensions of their trade and be responsible for the same.

ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

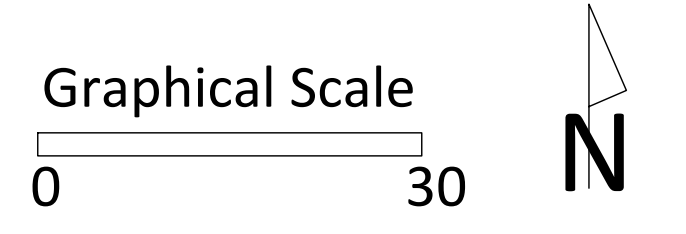
SHEET TITLE:
COVER SHEET

SHEET NUMBER:



City of Madison
 Department of Public Works
PARKS DIVISION
 330 E. Lakeside St.
 Madison, WI 53715

**MADISON
 PARKS**



PROJECT:
**WARNER PARK
 PICKLEBALL COURTS**

PROJECT ADDRESS:
**2930 N. SHERMAN AVE.
 MADISON, WI 53704**

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ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

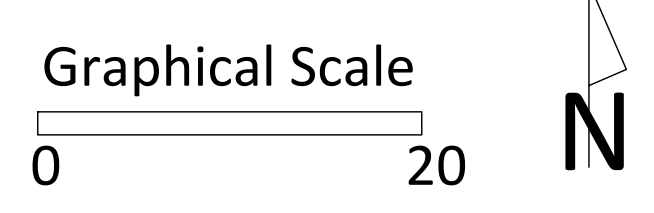
SHEET TITLE:
**PROJECT LOCATION
 AND SITE ACCESS PLAN**

SHEET NUMBER:
L101

NOTES
 THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY EXISTING UTILITIES, STRUCTURES, SIDEWALK, CURB, LAWN, PAVEMENT, ETC. DAMAGED THROUGH CONSTRUCTION ACTIVITIES AT THEIR OWN EXPENSE. REPAIRS MUST BE MADE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

City of Madison
 Department of Public Works
PARKS DIVISION
 330 E. Lakeside St.
 Madison, WI 53715

**MADISON
 PARKS**



PROJECT:
**WARNER PARK
 PICKLEBALL COURTS**

PROJECT ADDRESS:
**2930 N. SHERMAN AVE.
 MADISON, WI 53704**

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ITEM	DATE
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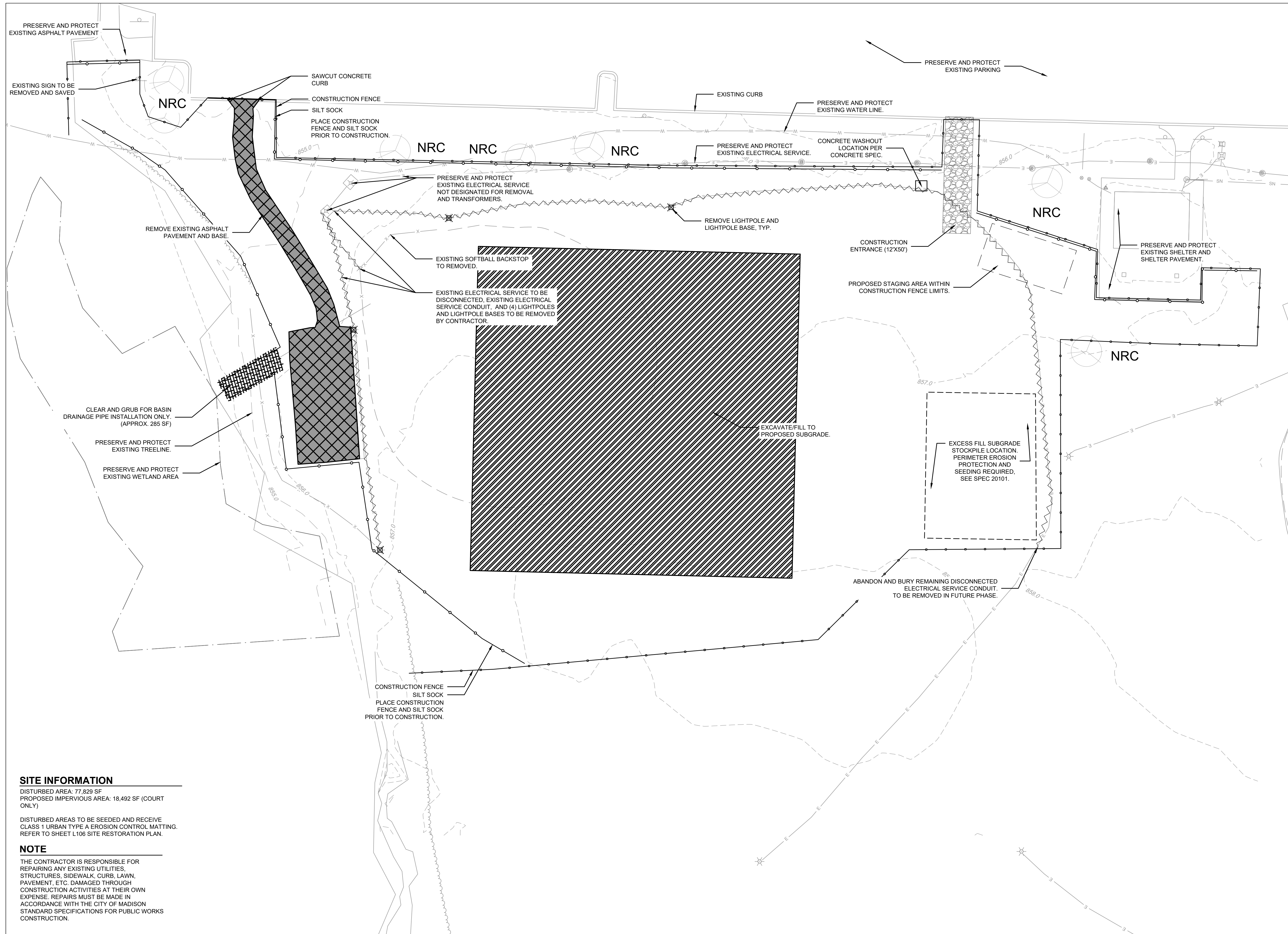
PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
EXISTING CONDITIONS

SHEET NUMBER:
L102



NOTES
 THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY EXISTING UTILITIES, STRUCTURES, SIDEWALK, CURB, LAWN, PAVEMENT, ETC. DAMAGED THROUGH CONSTRUCTION ACTIVITIES AT THEIR OWN EXPENSE. REPAIRS MUST BE MADE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.



SITE INFORMATION

DISTURBED AREA: 77,829 SF
 PROPOSED IMPERVIOUS AREA: 18,492 SF (COURT ONLY)

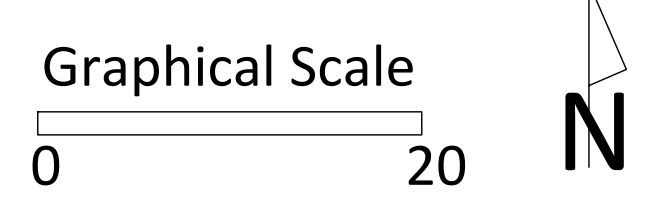
DISTURBED AREAS TO BE SEEDED AND RECEIVE CLASS 1 URBAN TYPE A EROSION CONTROL MATTING. REFER TO SHEET L106 SITE RESTORATION PLAN.

NOTE

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City of Madison
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 330 E. Lakeside St.
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MADISON PARKS



PROJECT:
WARNER PARK PICKLEBALL COURTS

PROJECT ADDRESS:
**2930 N. SHERMAN AVE.
 MADISON, WI 53704**

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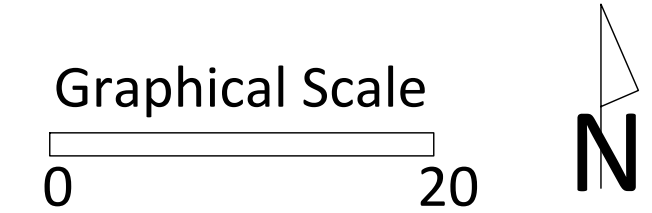
ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
DEMOLITION AND EROSION CONTROL PLAN

SHEET NUMBER:
L103

**MADISON
 PARKS**



PROJECT:

**WARNER PARK
 PICKLEBALL COURTS**

PROJECT ADDRESS:

**2930 N. SHERMAN AVE.
 MADISON, WI 53704**

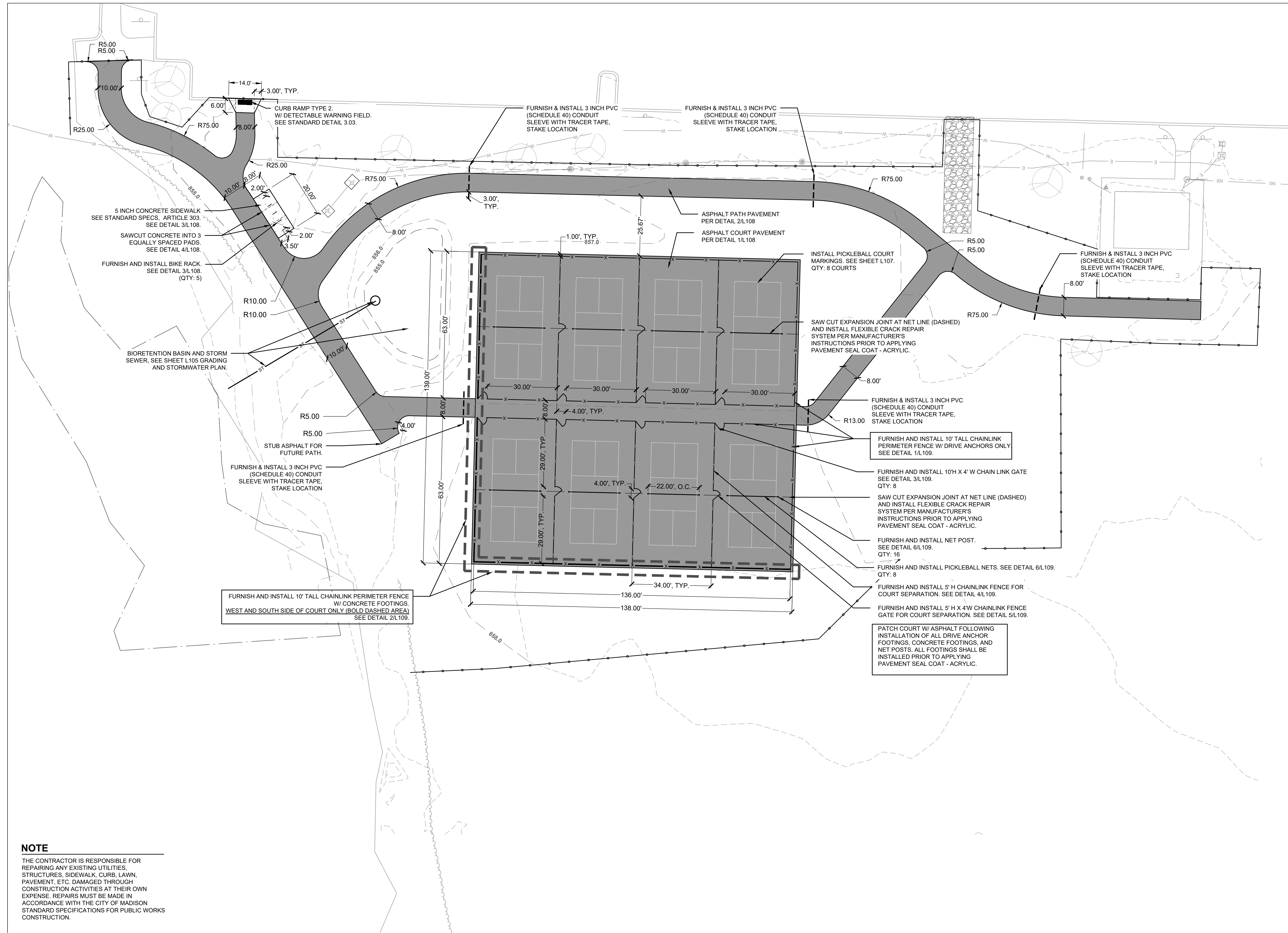
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ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

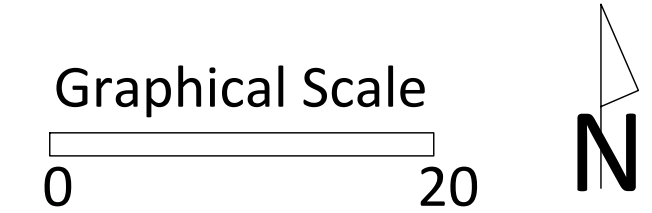
SHEET TITLE:
SITE PLAN

SHEET NUMBER:
L104



NOTE
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**MADISON
 PARKS**



PROJECT:

**WARNER PARK
 PICKLEBALL COURTS**

PROJECT ADDRESS:

**2930 N. SHERMAN AVE.
 MADISON, WI 53704**

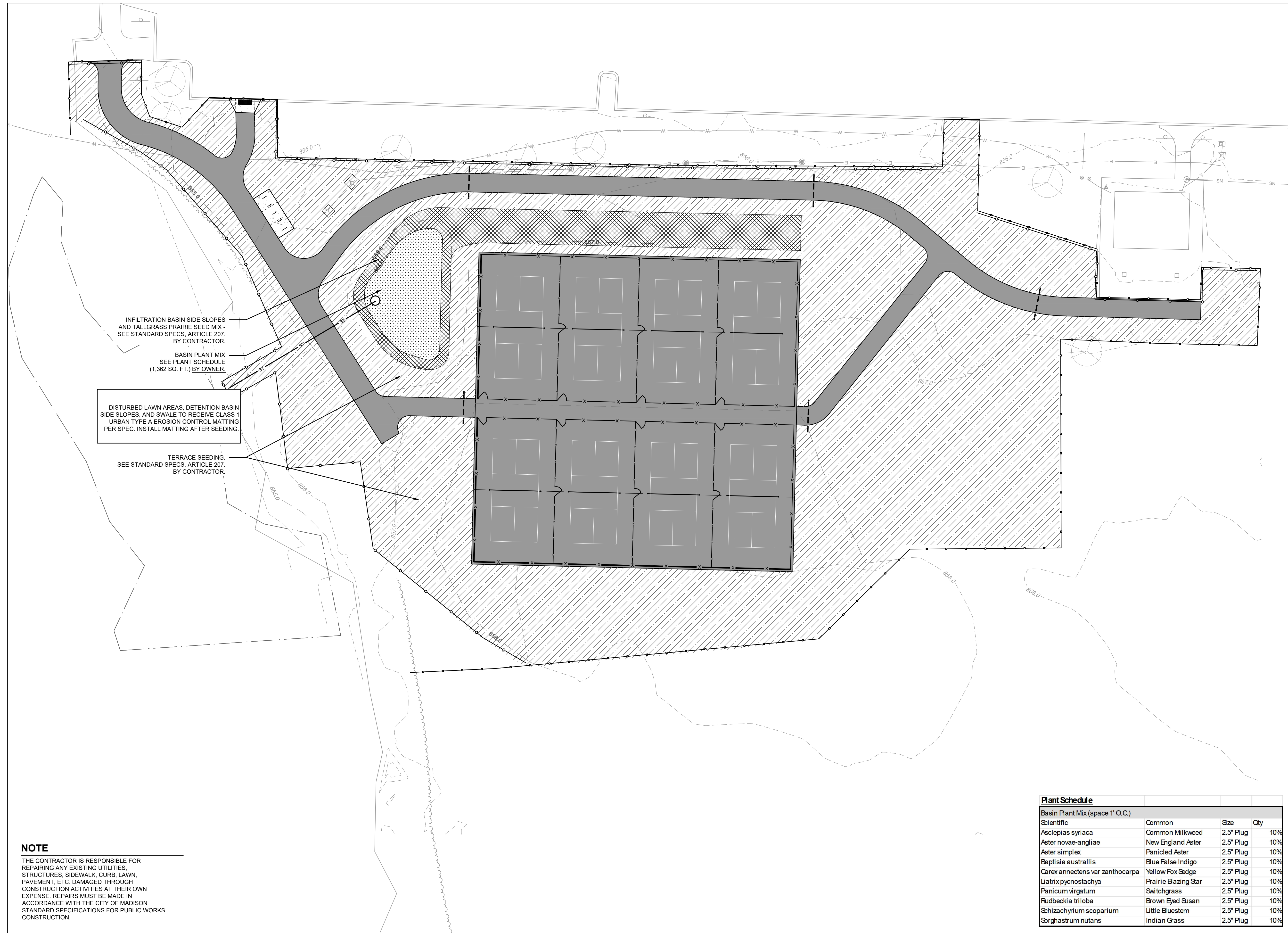
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ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
**SITE RESTORATION
 PLAN**

SHEET NUMBER:
L106



INFILTRATION BASIN SIDE SLOPES AND TALLGRASS PRAIRIE SEED MIX - SEE STANDARD SPECS, ARTICLE 207, BY CONTRACTOR.
 BASIN PLANT MIX SEE PLANT SCHEDULE (1,362 SQ. FT.) BY OWNER.

DISTURBED LAWN AREAS, DETENTION BASIN SIDE SLOPES, AND SWALE TO RECEIVE CLASS 1 URBAN TYPE A EROSION CONTROL MATTING PER SPEC. INSTALL MATTING AFTER SEEDING.

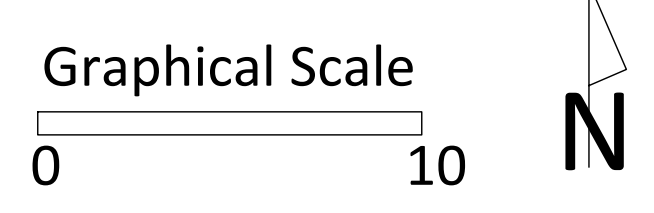
TERRACE SEEDING. SEE STANDARD SPECS, ARTICLE 207, BY CONTRACTOR.

NOTE
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Plant Schedule

Basin Plant Mix (space 1' O.C.)			
Scientific	Common	Size	Qty
Asclepias syriaca	Common Milkweed	2.5" Plug	10%
Aster novae-angliae	New England Aster	2.5" Plug	10%
Aster simplex	Panicled Aster	2.5" Plug	10%
Baptisia australis	Blue False Indigo	2.5" Plug	10%
Carex annectens var zanthocarpa	Yellow Fox Sedge	2.5" Plug	10%
Liatris pycnostachya	Prairie blazing Star	2.5" Plug	10%
Panicum virgatum	Switchgrass	2.5" Plug	10%
Rudbeckia triloba	Brown Eyed Susan	2.5" Plug	10%
Schizachyrium scoparium	Little Bluestem	2.5" Plug	10%
Sorghastrum nutans	Indian Grass	2.5" Plug	10%

**MADISON
 PARKS**



PROJECT:
*WARNER PARK
 PICKLEBALL COURTS*

PROJECT ADDRESS:
*2930 N. SHERMAN AVE.
 MADISON, WI 53704*

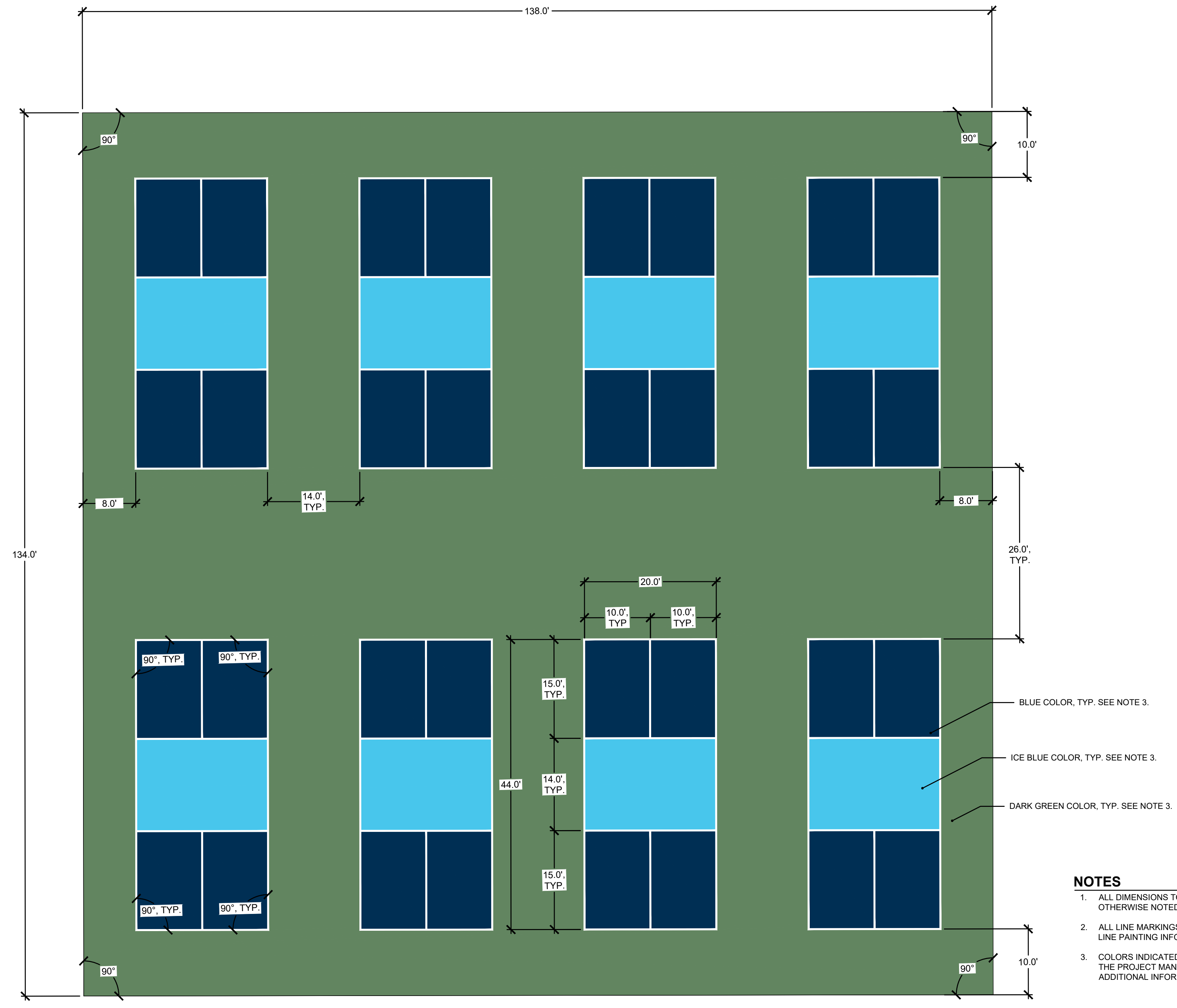
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ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
COURT LAYOUT

SHEET NUMBER:
L107



- NOTES**
- ALL DIMENSIONS TO OR FROM LINE MARKING FROM THE INSIDE EDGE OF LINE MARKINGS UNLESS OTHERWISE NOTED.
 - ALL LINE MARKINGS SHOWN SHALL BE WHITE COLOR AND 2" WIDTH. SEE SPECIFICATIONS FOR ADDITIONAL LINE PAINTING INFORMATION.
 - COLORS INDICATED ARE FOR ACRYLIC PAVEMENT SEAL COAT. COLOR SAMPLES SHALL BE SUBMITTED TO THE PROJECT MANAGER FOR APPROVAL PRIOR TO PURCHASE/APPLICATION. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

**MADISON
 PARKS**

PROJECT:

**WARNER PARK
 PICKLEBALL COURTS**

PROJECT ADDRESS:

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 MADISON, WI 53704**

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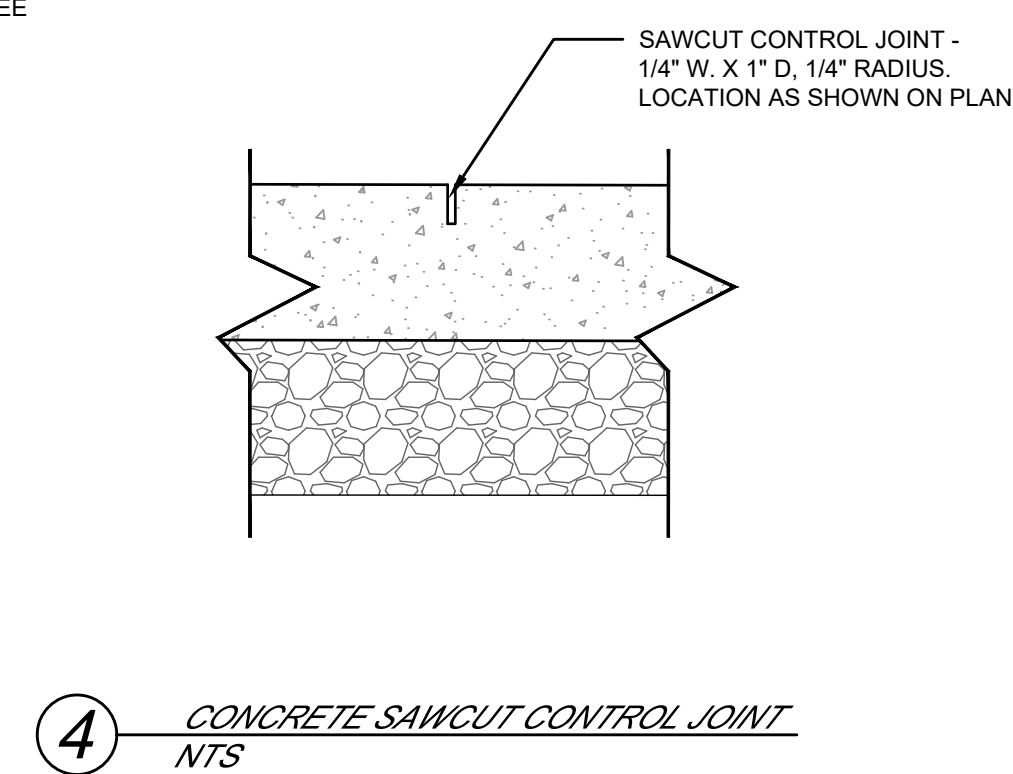
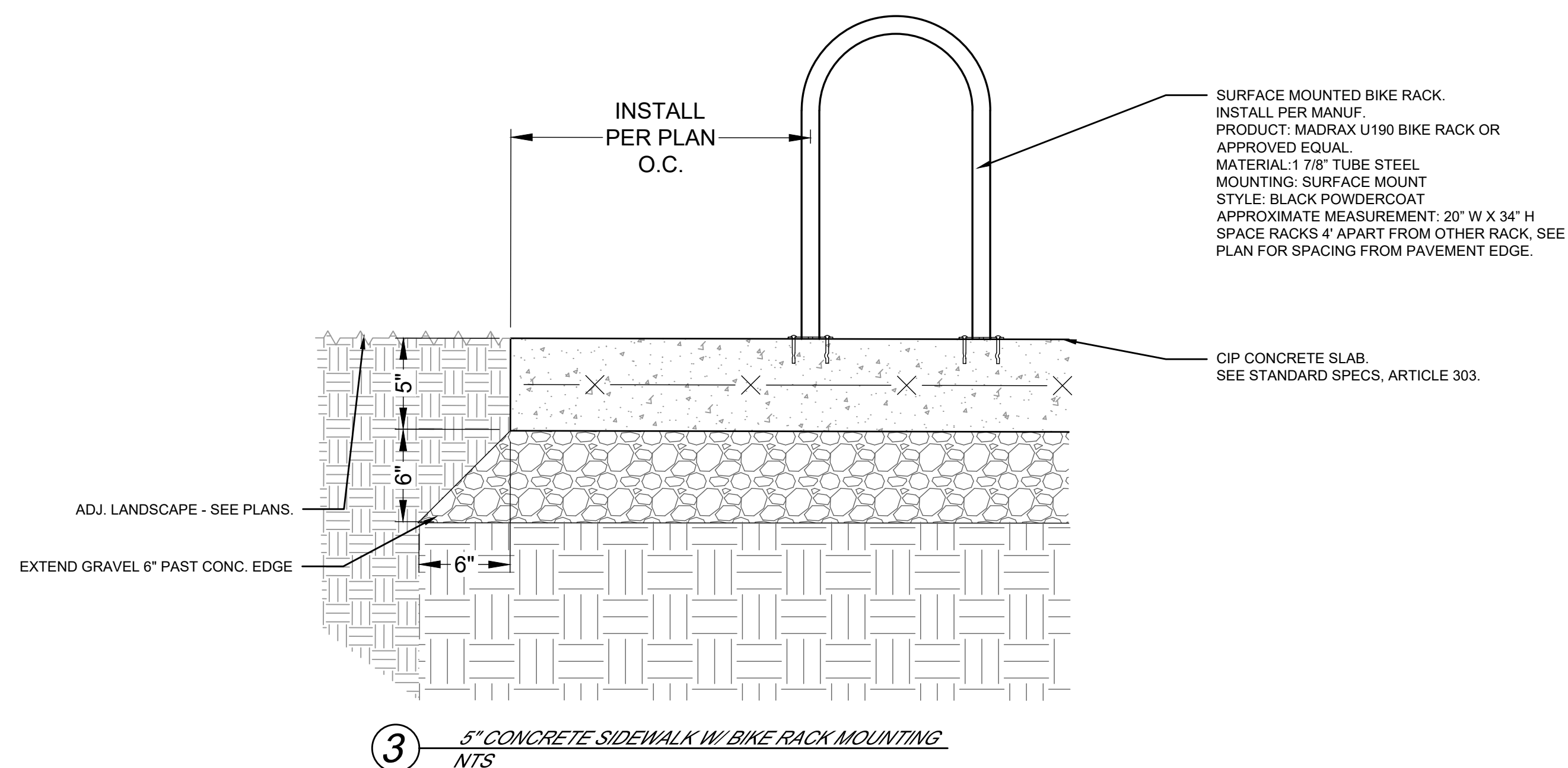
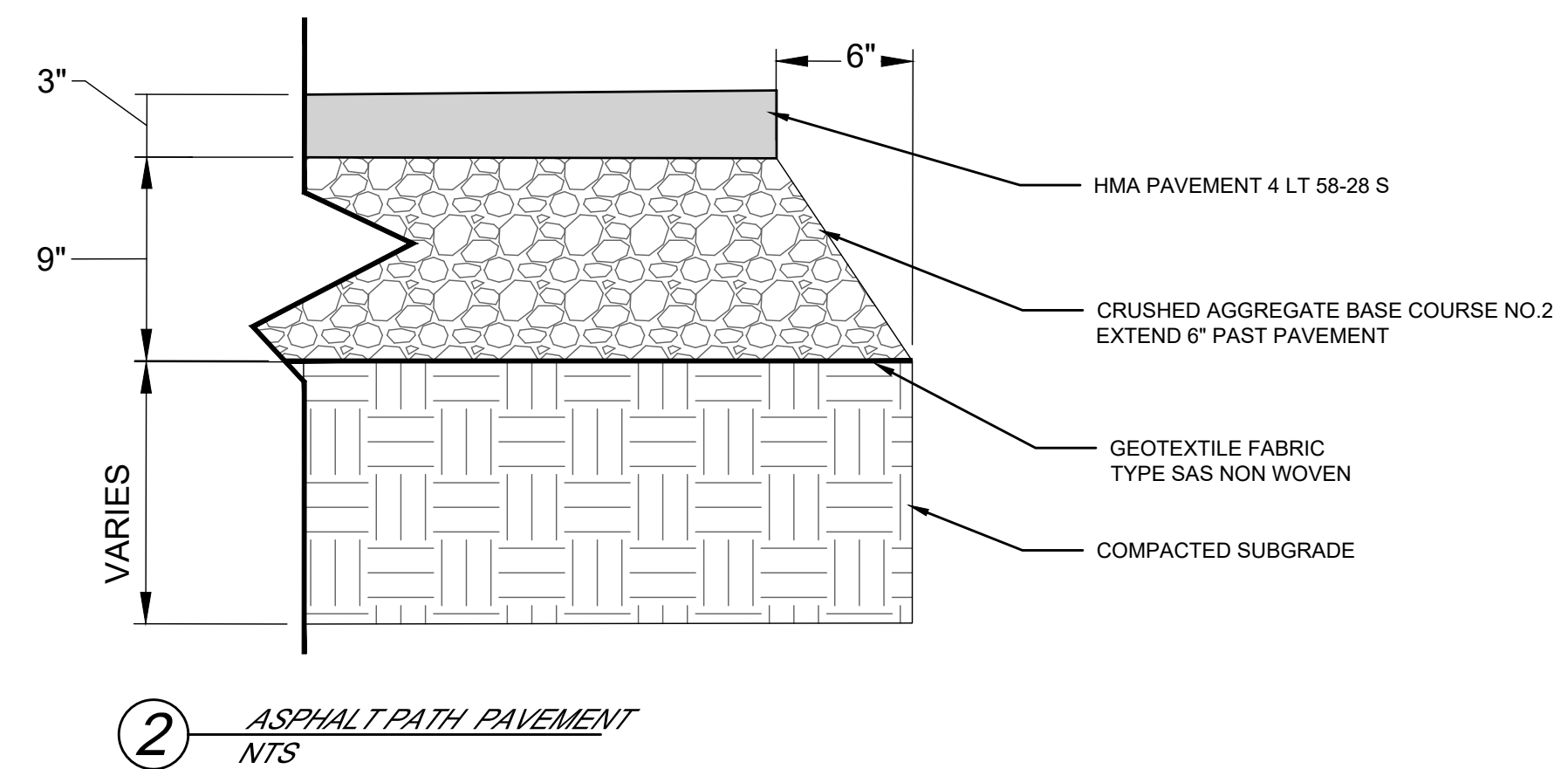
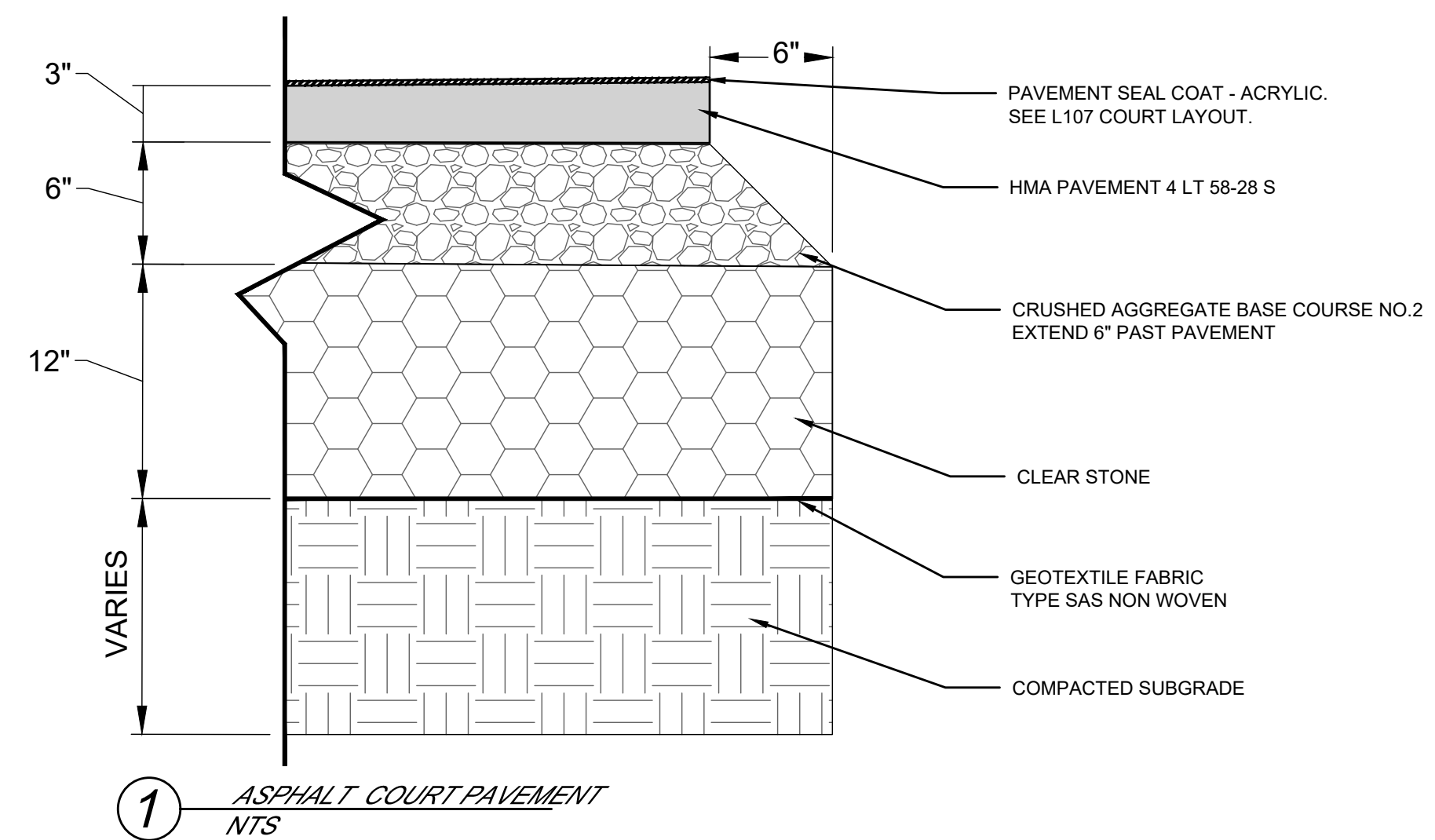
ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
**PAVEMENT & BIKE
 RACK DETAILS**

SHEET NUMBER:

L108



**MADISON
 PARKS**

PROJECT:

**WARNER PARK
 PICKLEBALL COURTS**

PROJECT ADDRESS:

**2930 N. SHERMAN AVE.
 MADISON, WI 53704**

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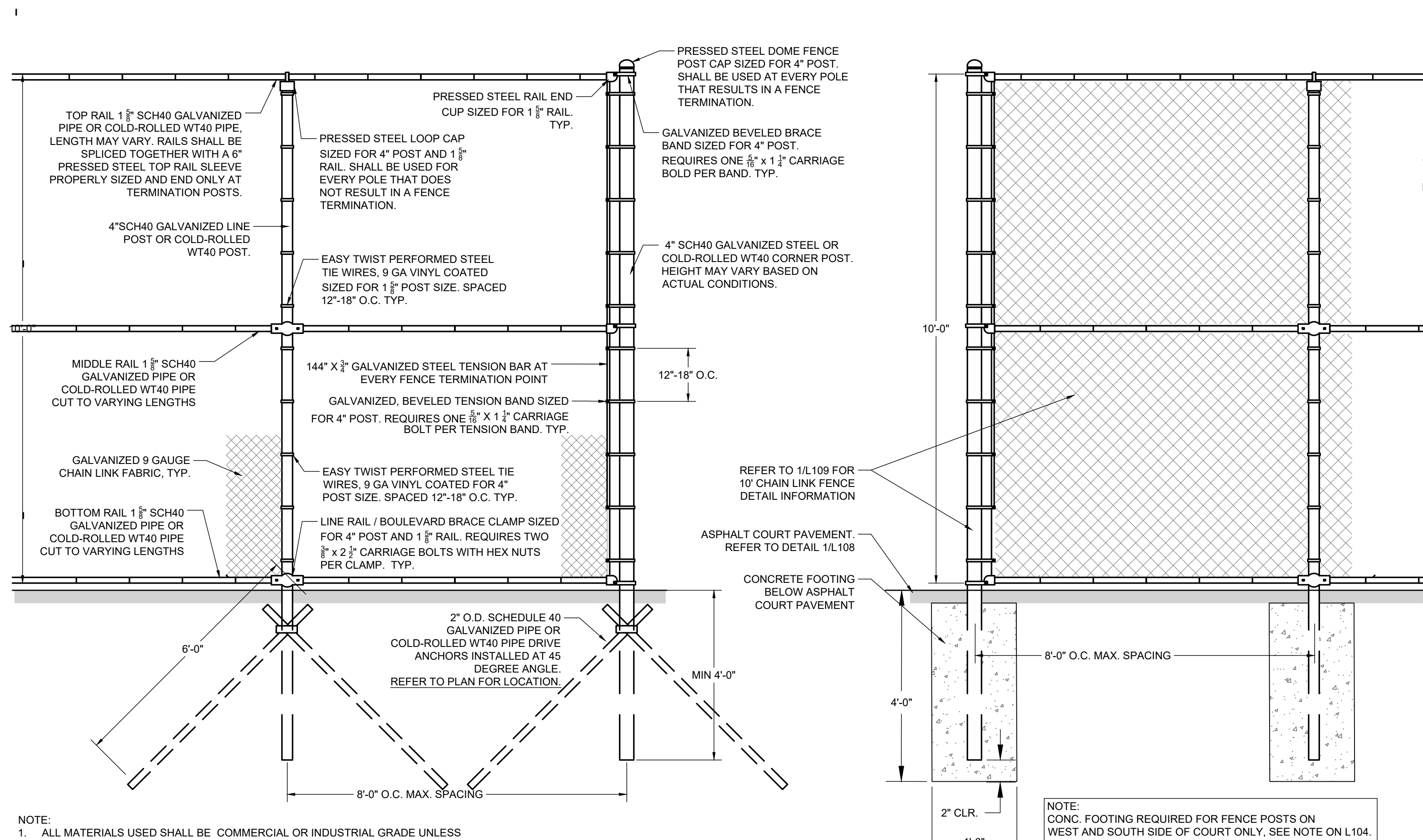
ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
**FENCE & NET
 DETAILS**

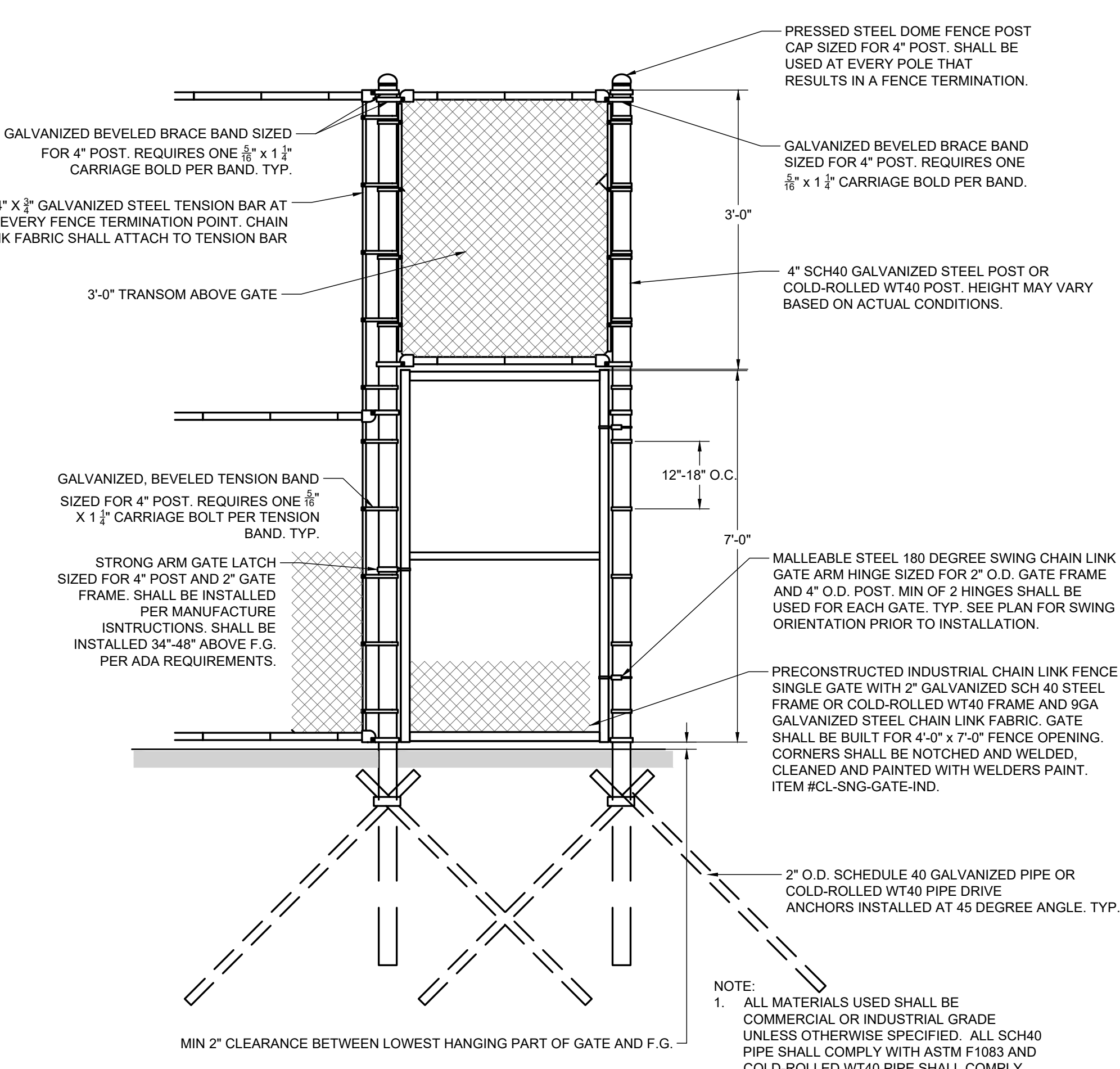
SHEET NUMBER:

L109



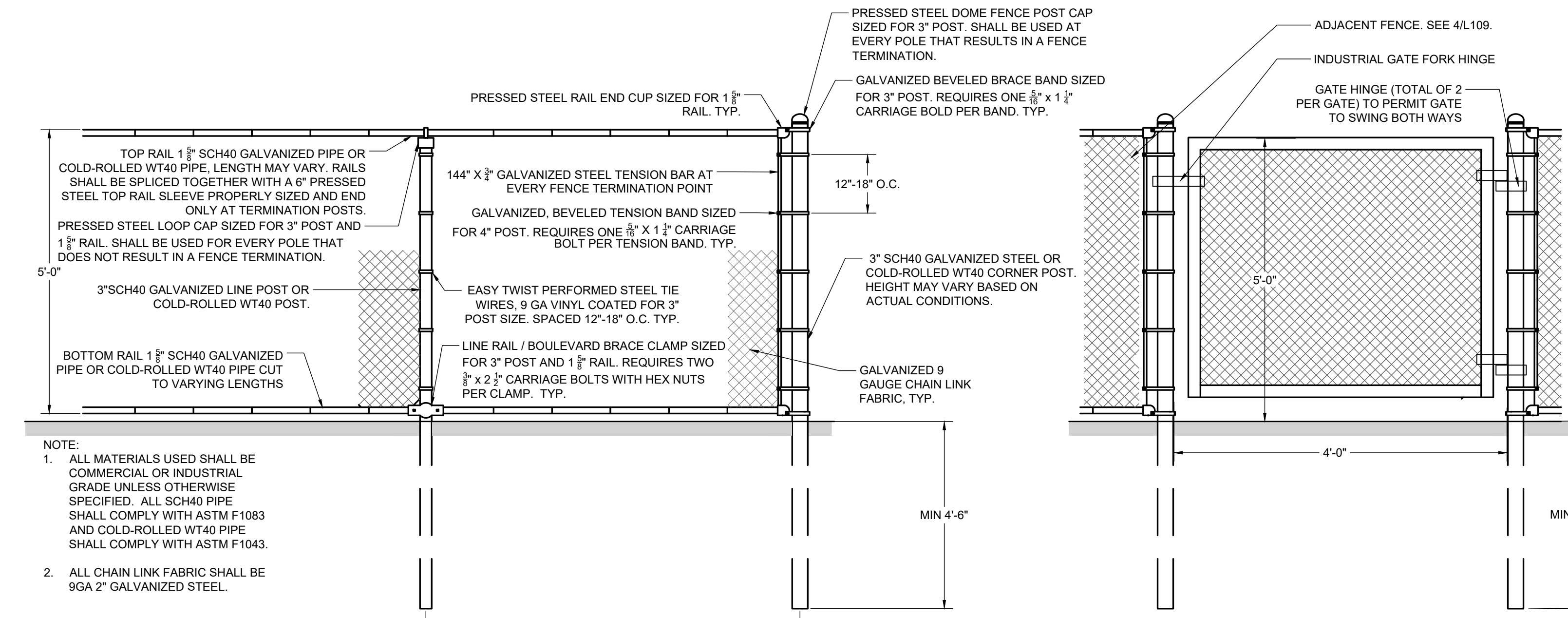
- NOTE:
1. ALL MATERIALS USED SHALL BE COMMERCIAL OR INDUSTRIAL GRADE UNLESS OTHERWISE SPECIFIED. ALL SCH40 PIPE SHALL COMPLY WITH ASTM F1083 AND COLD-ROLLED WT40 PIPE SHALL COMPLY WITH ASTM F1043.
 2. ALL CHAIN LINK FABRIC SHALL BE 9GA 2" GALVANIZED STEEL.
 3. REFER TO PLAN FOR FOOTER TYPE.

1 10' HEIGHT CHAIN LINK FENCE
 NTS



- NOTE:
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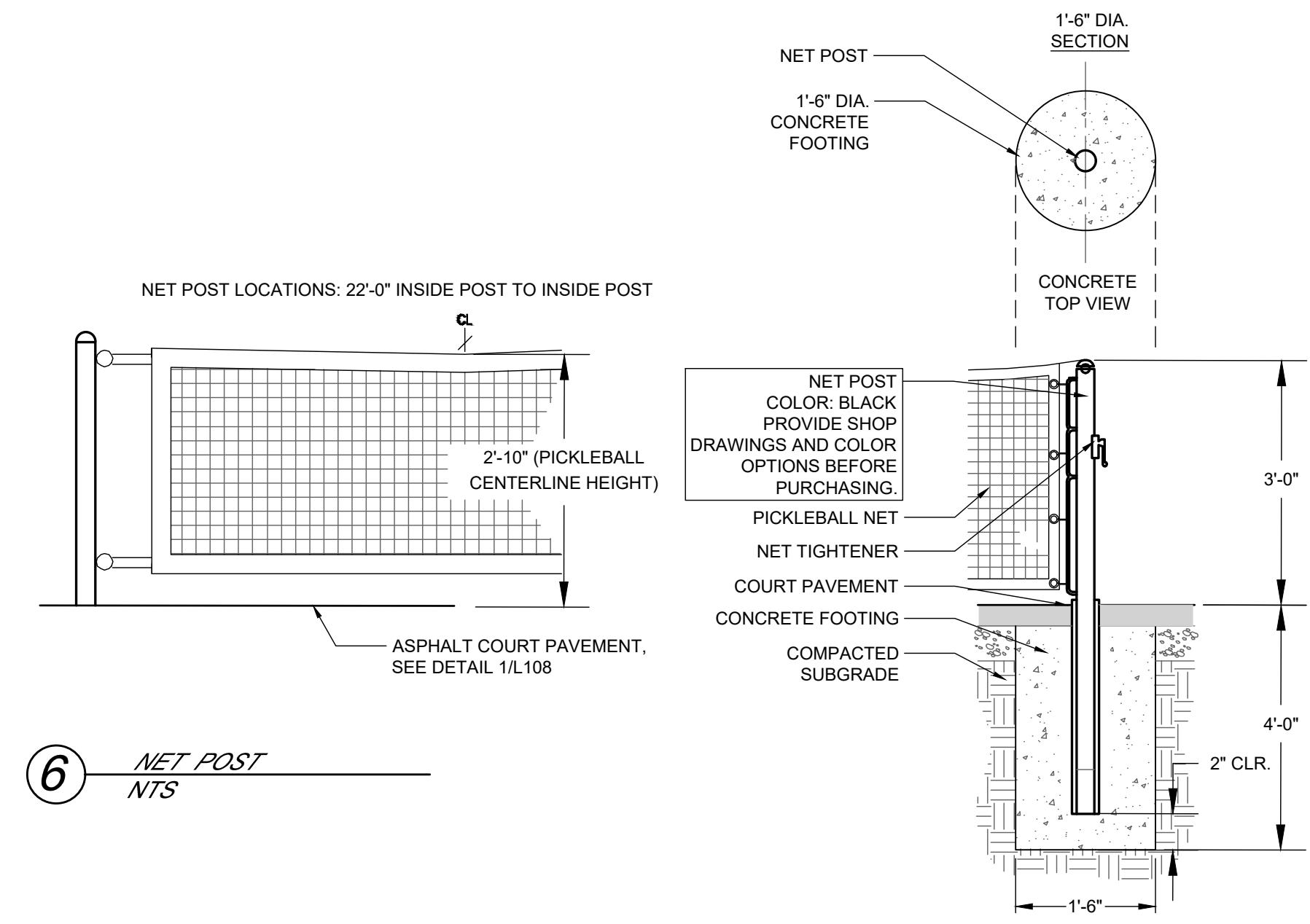
3 FENCE GATE - 10'H X 4' W
 NTS



- NOTE:
1. ALL MATERIALS USED SHALL BE COMMERCIAL OR INDUSTRIAL GRADE UNLESS OTHERWISE SPECIFIED. ALL SCH40 PIPE SHALL COMPLY WITH ASTM F1083 AND COLD-ROLLED WT40 PIPE SHALL COMPLY WITH ASTM F1043.
 2. ALL CHAIN LINK FABRIC SHALL BE 9GA 2" GALVANIZED STEEL.

4 5' HEIGHT CHAIN LINK FENCE
 NTS

5 FENCE GATE - 5'H X 4' W
 NTS



6 NET POST
 NTS

City of Madison
 Department of Public Works
PARKS DIVISION
 330 E. Lakeside St.
 Madison, WI 53715

**MADISON
 PARKS**

PROJECT:

**WARNER PARK
 PICKLEBALL COURTS**

PROJECT ADDRESS:

**2930 N. SHERMAN AVE.
 MADISON, WI 53704**

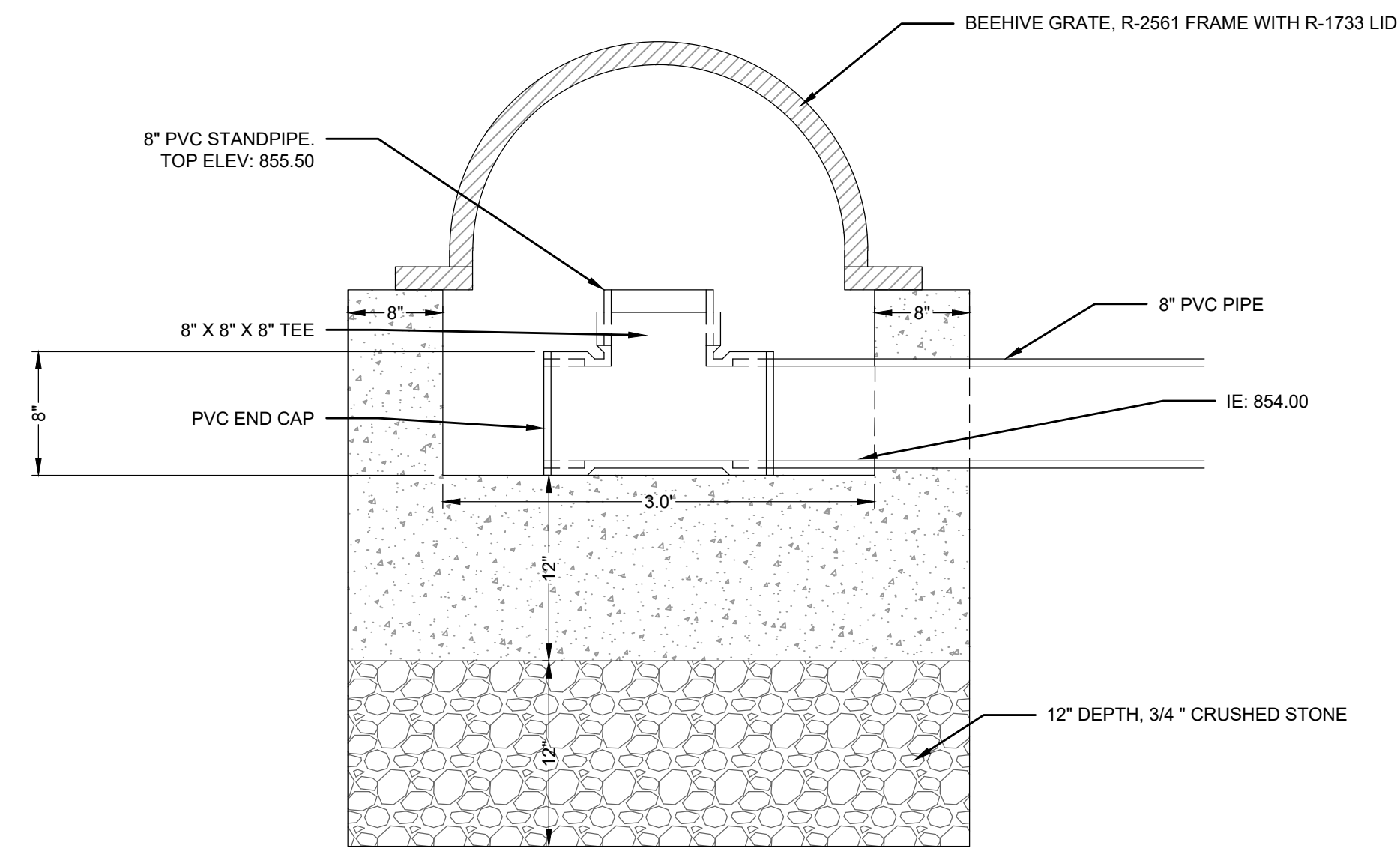
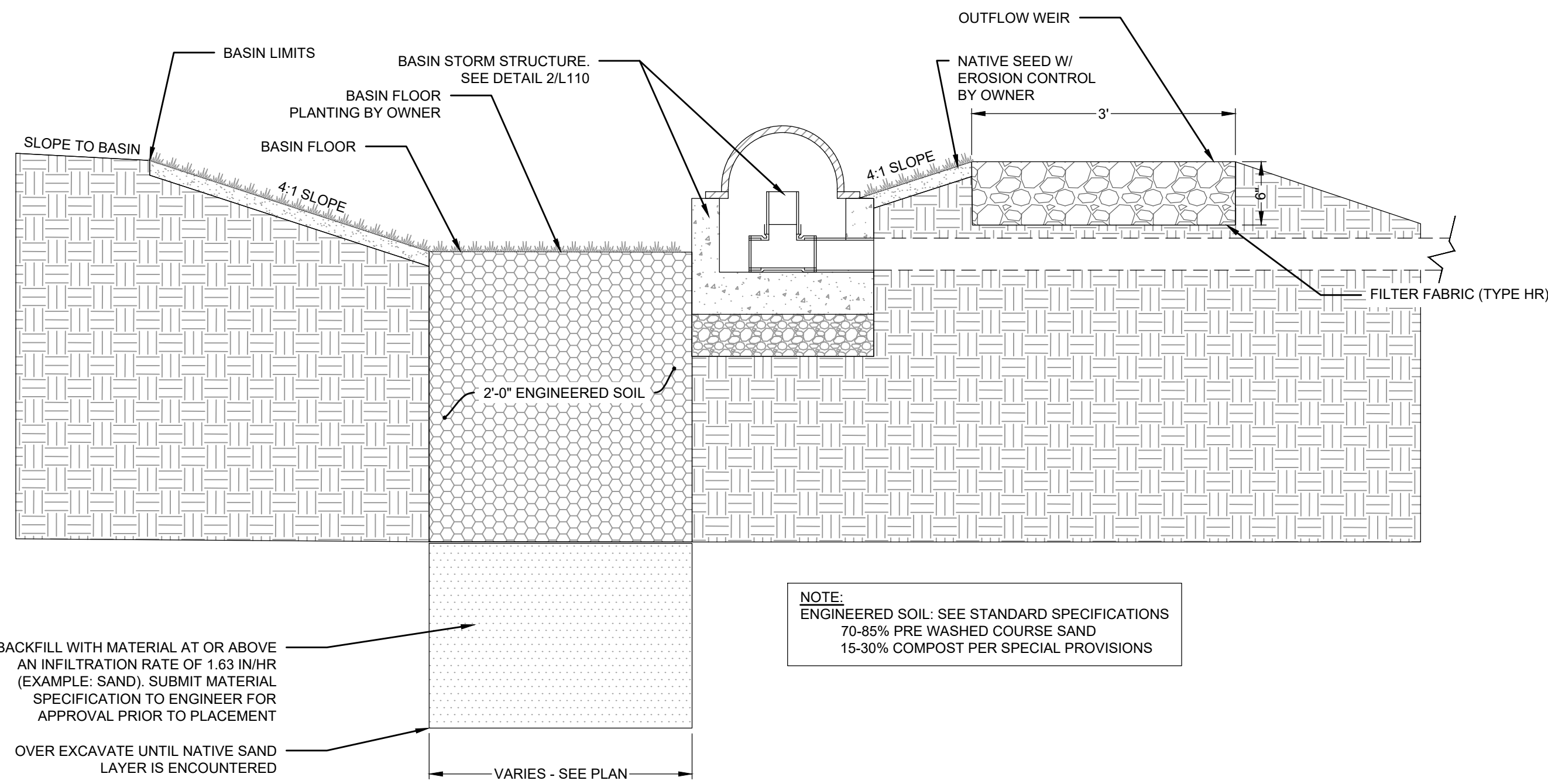
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ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
**STORMWATER
 DETAILS**

SHEET NUMBER:
L110



1 BIO-RETENTION BASIN X-SEC (TYP) NTS

2 BIO-RETENTION BASIN STORM STRUCTURE NTS

**MADISON
 PARKS**

PROJECT:

**WARNER PARK
 PICKLEBALL COURTS**

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**2930 N. SHERMAN AVE.
 MADISON, WI 53704**

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ITEM DATE
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PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
**DESIGN
 COMPUTATIONS**

SHEET NUMBER:

L111

Grp	Material	Item	From Surface Model	To Surface Model	area (sq ft)	depth (ft)	Unfactored volume (cu ft)	Unfactored volume (cu yd)	Expansion Factor (%)	Factored (Uncompacted) Volume (cu yd)
Grass to Court Asphalt	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	18492	0.50	9246	342.4	0%	342.4
Grass to Court Asphalt	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-21in	18492	varies	10502	389.0	0%	389.0
Grass to Court Asphalt	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-21in	18492	varies	0	0.0	0%	0.0
Grass to Court Asphalt	Clearstone (for Court Pavement) Place	Place 12in clear stone base	n/a	n/a	18492	-1.00	-18492	-684.9	0%	-684.9
Grass to Court Asphalt	Gravel Place	Place 6in gravel base	n/a	n/a	18492	-0.50	-9246	-342.4	0%	-342.4
Grass to Court Asphalt	Asphalt Place	Place 3in asphalt	n/a	n/a	18492	-0.25	-4623	-171.2	0%	-171.2
Grass to Grass.1	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	17314	0.50	8657	320.6	0%	320.6
Grass to Grass.1	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-6in	17314	varies	555	20.5	0%	20.5
Grass to Grass.1	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-6in	17314	varies	-4061	-150.4	0%	-150.4
Grass to Grass.1	Topsoil Place	Place 6in topsoil	n/a	n/a	17314	-0.50	-8657	-320.6	0%	-320.6
Grass to Grass.2	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	618	0.50	309	11.4	0%	11.4
Grass to Grass.2	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-6in	618	varies	19	0.7	0%	0.7
Grass to Grass.2	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-6in	618	varies	-203	-7.5	0%	-7.5
Grass to Grass.2	Topsoil Place	Place 6in topsoil	n/a	n/a	618	-0.50	-309	-11.4	0%	-11.4
Grass to Grass.3	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	2802	0.50	1401	51.9	0%	51.9
Grass to Grass.3	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-6in	2802	varies	39	1.4	0%	1.4
Grass to Grass.3	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-6in	2802	varies	-946	-35.1	0%	-35.1
Grass to Grass.3	Topsoil Place	Place 6in topsoil	n/a	n/a	2802	-0.50	-1401	-51.9	0%	-51.9
Grass to Grass.4	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	11009	0.50	5505	203.9	0%	203.9
Grass to Grass.4	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-6in	11009	varies	3699	137.0	0%	137.0
Grass to Grass.4	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-6in	11009	varies	-4579	-169.6	0%	-169.6
Grass to Grass.4	Topsoil Place	Place 6in topsoil	n/a	n/a	11009	-0.50	-5505	-203.9	0%	-203.9
Grass to Path Asphalt.1	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	633	0.50	317	11.7	0%	11.7
Grass to Path Asphalt.1	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-12in	633	varies	185	6.9	0%	6.9
Grass to Path Asphalt.1	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-12in	633	varies	-2	-0.1	0%	-0.1
Grass to Path Asphalt.1	Gravel Place	Place 9in gravel base	n/a	n/a	633	-0.75	-475	-17.6	0%	-17.6
Grass to Path Asphalt.1	Asphalt Place	Place 3in asphalt	n/a	n/a	633	-0.25	-158	-5.9	0%	-5.9
Grass to Path Asphalt.2	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	1546	0.50	773	28.6	0%	28.6
Grass to Path Asphalt.2	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-12in	1546	varies	80	3.0	0%	3.0
Grass to Path Asphalt.2	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-12in	1546	varies	-589	-21.8	0%	-21.8
Grass to Path Asphalt.2	Gravel Place	Place 9in gravel base	n/a	n/a	1546	-0.75	-1160	-43.0	0%	-43.0
Grass to Path Asphalt.2	Asphalt Place	Place 3in asphalt	n/a	n/a	1546	-0.25	-387	-14.3	0%	-14.3
Grass to Path Asphalt.3	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	3998	0.50	1999	74.0	0%	74.0
Grass to Path Asphalt.3	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-12in	3998	varies	738	27.3	0%	27.3
Grass to Path Asphalt.3	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-12in	3998	varies	-722	-26.7	0%	-26.7
Grass to Path Asphalt.3	Gravel Place	Place 9in gravel base	n/a	n/a	3998	-0.75	-2999	-111.1	0%	-111.1
Grass to Path Asphalt.3	Asphalt Place	Place 3in asphalt	n/a	n/a	3998	-0.25	-1000	-37.0	0%	-37.0
Path Asphalt to Concrete	Asphalt Excavate	Remove estimated 3in asphalt	n/a	n/a	169	0.25	42	1.6	0%	1.6
Path Asphalt to Concrete	Gravel Excavate	Remove estimated 9in gravel base	n/a	n/a	169	0.75	127	4.7	0%	4.7
Path Asphalt to Concrete	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-12in	Pro-11in	169	varies	0	0.0	0%	0.0
Path Asphalt to Concrete	Subsoil Place	Fill subsoil to proposed subgrade	Ex-12in	Pro-11in	169	varies	-201	-7.5	0%	-7.5
Path Asphalt to Concrete	Gravel Place	Place 6in gravel base	n/a	n/a	169	-0.50	-85	-3.1	0%	-3.1
Path Asphalt to Concrete	Concrete Place	Place 5in concrete	n/a	n/a	169	-0.42	-70	-2.6	0%	-2.6

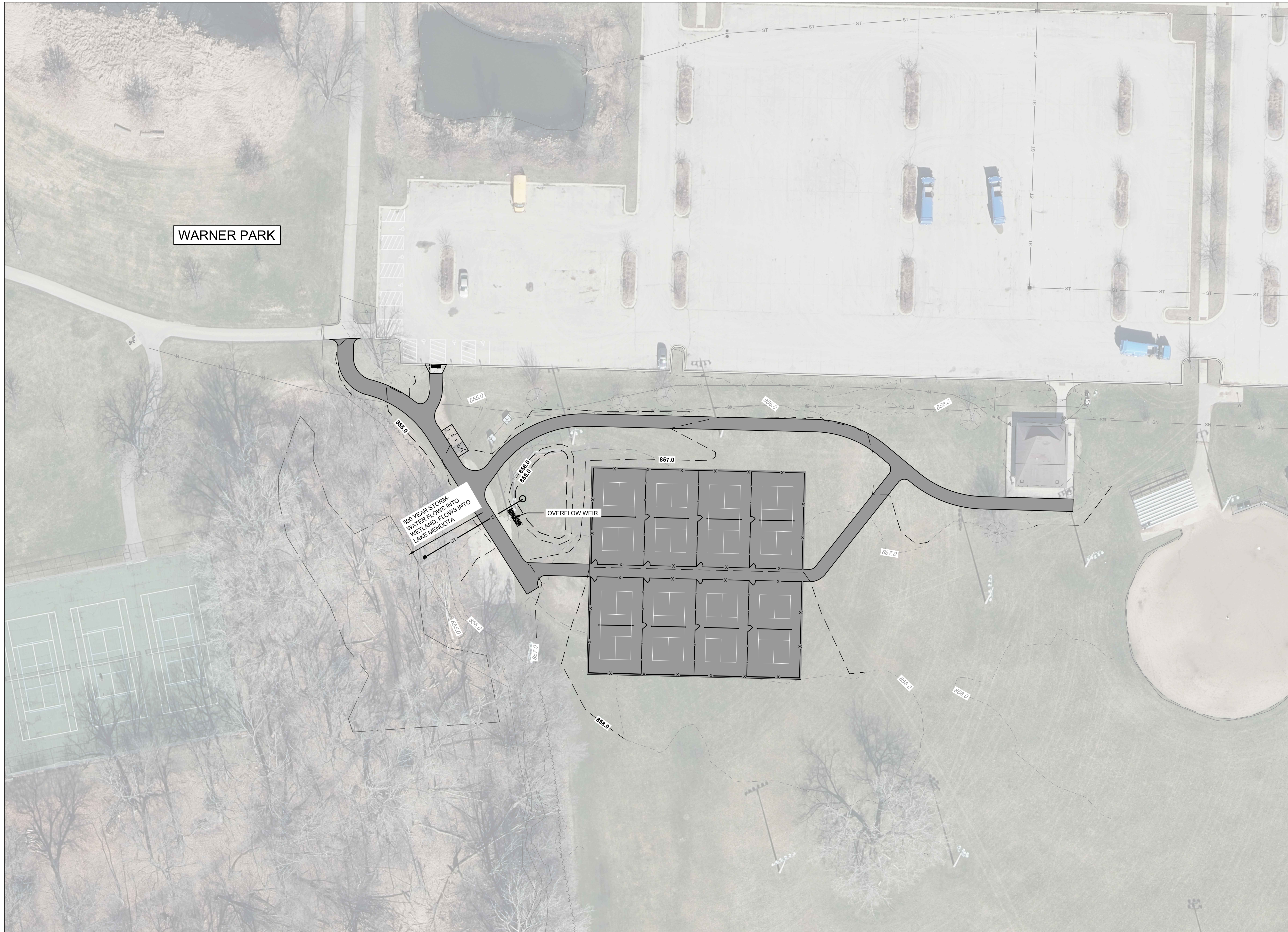
Path Asphalt to Path Asphalt.1	Asphalt Excavate	Remove estimated 3in asphalt	n/a	n/a	474	0.25	118	4.4	0%	4.4
Path Asphalt to Path Asphalt.1	Gravel Excavate	Remove estimated 9in gravel base	n/a	n/a	474	0.75	355	13.2	0%	13.2
Path Asphalt to Path Asphalt.1	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-12in	Pro-12in	474	varies	21	0.8	0%	0.8
Path Asphalt to Path Asphalt.1	Subsoil Place	Fill subsoil to proposed subgrade	Ex-12in	Pro-12in	474	varies	-216	-8.0	0%	-8.0
Path Asphalt to Path Asphalt.1	Gravel (for Path Pavement) Place	Place 9in gravel base	n/a	n/a	474	-0.75	-355	-13.2	0%	-13.2
Path Asphalt to Path Asphalt.1	Asphalt Place	Place 3in asphalt	n/a	n/a	474	-0.25	-118	-4.4	0%	-4.4
Path Asphalt to Path Asphalt.2	Asphalt Excavate	Remove estimated 3in asphalt	n/a	n/a	216	0.25	54	2.0	0%	2.0
Path Asphalt to Path Asphalt.2	Gravel Excavate	Remove estimated 9in gravel base	n/a	n/a	216	0.75	162	6.0	0%	6.0
Path Asphalt to Path Asphalt.2	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-12in	Pro-12in	216	varies	0	0.0	0%	0.0
Path Asphalt to Path Asphalt.2	Subsoil Place	Fill subsoil to proposed subgrade	Ex-12in	Pro-12in	216	varies	-169	-6.3	0%	-6.3
Path Asphalt to Path Asphalt.2	Gravel (for Path Pavement) Place	Place 9in gravel base	n/a	n/a	216	-0.75	-162	-6.0	0%	-6.0
Path Asphalt to Path Asphalt.2	Asphalt Place	Place 3in asphalt	n/a	n/a	216	-0.25	-54	-2.0	0%	-2.0
Path Asphalt to Grass	Asphalt Excavate	Remove estimated 3in asphalt	n/a	n/a	1190.46	0.25	298	11.0	0%	11.0
Path Asphalt to Grass	Gravel Excavate	Remove estimated 9in gravel base	n/a	n/a	1190.46	0.75	893	33.1	0%	33.1
Path Asphalt to Grass	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-12in	Pro-6in	1190.46	varies	0	0.0	0%	0.0
Path Asphalt to Grass	Subsoil Place	Fill subsoil to proposed subgrade	Ex-12in	Pro-6in	1190.46	varies	-561	-20.8	0%	-20.8
Path Asphalt to Grass	Topsoil Place	Place 6in topsoil	n/a	n/a	1190.46	-0.5	-595	-22.0	0%	-22.0

Path Asphalt to Grass	Asphalt Excavate	Remove estimated 3in asphalt	n/a	n/a	133.92	0.25	33	1.2	0%	1.2
Path Asphalt to Grass	Gravel Excavate	Remove estimated 9in gravel base	n/a	n/a	133.92	0.75	100	3.7	0%	3.7
Path Asphalt to Grass	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-12in	Pro-6in	133.92	varies	0	0.0	0%	0.0
Path Asphalt to Grass	Subsoil Place	Fill subsoil to proposed subgrade	Ex-12in	Pro-6in	133.92	varies	-139	-5.2	0%	-5.2
Path Asphalt to Grass	Topsoil Place	Place 6in topsoil	n/a	n/a	133.92	-0.5	-67	-2.5	0%	-2.5

Path Asphalt to Grass	Asphalt Excavate	Remove estimated 3in asphalt	n/a	n/a	76.1	0.25	19	0.7	0%	0.7
Path Asphalt to Grass	Gravel Excavate	Remove estimated 9in gravel base	n/a	n/a	76.1	0.75	57	2.1	0%	2.1
Path Asphalt to Grass	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-12in	Pro-6in	76.1	varies	0	0.0	0%	0.0
Path Asphalt to Grass	Subsoil Place	Fill subsoil to proposed subgrade	Ex-12in	Pro-6in	76.1	varies	-122	-4.5	0%	-4.5
Path Asphalt to Grass	Topsoil Place	Place 6in topsoil	n/a	n/a	76.1	-0.5	-38	-1.4	0%	-1.4

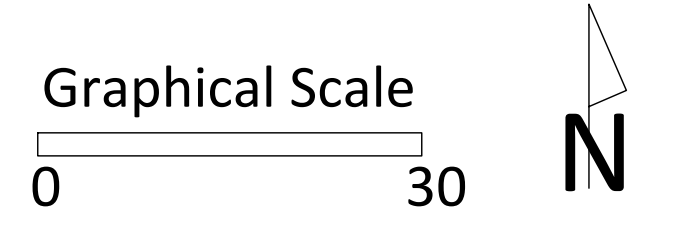
Path Asphalt to Grass	Asphalt Excavate	Remove estimated 3in asphalt	n/a	n/a	112.33	0.25	28	1.0	0%	1.0
Path Asphalt to Grass	Gravel Excavate	Remove estimated 9in gravel base	n/a	n/a	112.33	0.75	84	3.1	0%	3.1
Path Asphalt to Grass	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-12in	Pro-6in	112.33	varies	0	0.0	0%	0.0
Path Asphalt to Grass	Subsoil Place	Fill subsoil to proposed subgrade	Ex-12in	Pro-6in	112.33	varies	-181	-6.7	0%	-6.7
Path Asphalt to Grass	Topsoil Place	Place 6in topsoil	n/a	n/a	112.33	-0.5	-56	-2.1	0%	-2.1

Bid Item	Quantity	Units	Relation to Table Above
20101 Excavation Cut	1719	CY	= Asphalt Excavate + Gravel Excavate+ Topsoil Excavate + Subsoil Excavate
20217 Clear Stone	1438	tons	= (Clear Stone Place) * -2.1 ton/cubic yard
20202 Fill Borrow	0	CY	= difference of Subsoil Place & Subsoil Excavate
20221 Topsoil	3688	SY	= (Topsoil Place)-.167
40102 Crushed Aggregate Base Course Gradation No. 2	1073	tons	= (Gravel Place) * -2 ton/cubic yard
40202 HMA Pavement 4 LT 58-28S	507	tons	= Asphalt Place * -2.16 ton/cubic yard
30301 5 inch Concrete Sidewalk	215	SF	



City of Madison
 Department of Public Works
PARKS DIVISION
 330 E. Lakeside St.
 Madison, WI 53715

**MADISON
 PARKS**



PROJECT:
**WARNER PARK
 PICKLEBALL COURTS**

PROJECT ADDRESS:
**2930 N. SHERMAN AVE.
 MADISON, WI 53704**

Although every effort has been made in preparing these plans and checking them for accuracy, the contractor and subcontractors must check all details and dimensions of their trade and be responsible for the same.

ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

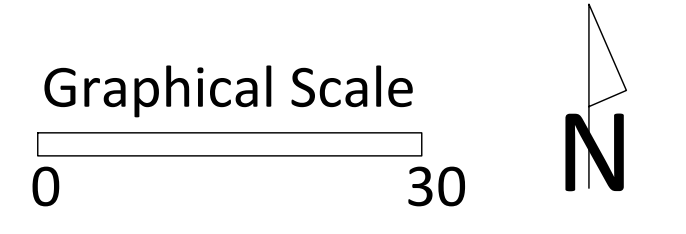
SHEET TITLE:
**500 YEAR
 STORMWATER PLAN**

SHEET NUMBER:
L112



City of Madison
 Department of Public Works
PARKS DIVISION
 330 E. Lakeside St.
 Madison, WI 53715

**MADISON
 PARKS**



PROJECT:
**WORTHINGTON PARK
 FUTSAL COURT**

PROJECT ADDRESS:
**3102 WORTHINGTON AVE.
 MADISON, WI 53714**

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ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
**PROJECT LOCATION
 AND SITE ACCESS PLAN**

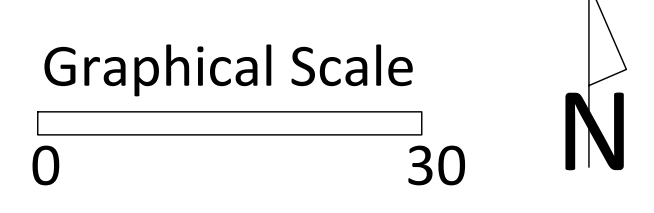
SHEET NUMBER:
L201

SITE INFORMATION
 EXISTING
 PARCEL SIZE: 5.09 ACRES (221,900.06 SF)
 TOTAL PERVIOUS AREA: 205,342 SF
 TOTAL IMPERVIOUS AREA: 16,558 SF
 (BBALL COURT 10,560 SF; SHELTER 845 SF; PATHS 5,153 SF)
 PROPOSED
 DISTURBED AREA: 32,436.3 SF
 TOTAL PERVIOUS AREA: 198,118 SF
 TOTAL IMPERVIOUS AREA: 23,782 SF
 (FUTSAL COURT 6,840 SF; BBALL COURT 10,560 SF; SHELTER 845 SF; PATHS 5,537 SF)
 PATHS EXEMPT FROM STORMWATER CALCS PER MGO 37.09(3)(a)5; INCLUDED FOR REFERENCE ONLY.

NOTE
 THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY EXISTING UTILITIES, STRUCTURES, SIDEWALK, CURBS, LAWN, PAVEMENT, ETC. DAMAGED THROUGH CONSTRUCTION ACTIVITIES AT THEIR OWN EXPENSE. REPAIRS MUST BE MADE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

City of Madison
 Department of Public Works
PARKS DIVISION
 330 E. Lakeside St.
 Madison, WI 53715

**MADISON
 PARKS**



PROJECT:
**WORTHINGTON PARK
 FUTSAL COURT**

PROJECT ADDRESS:
**3102 WORTHINGTON AVE.
 MADISON, WI 53714**

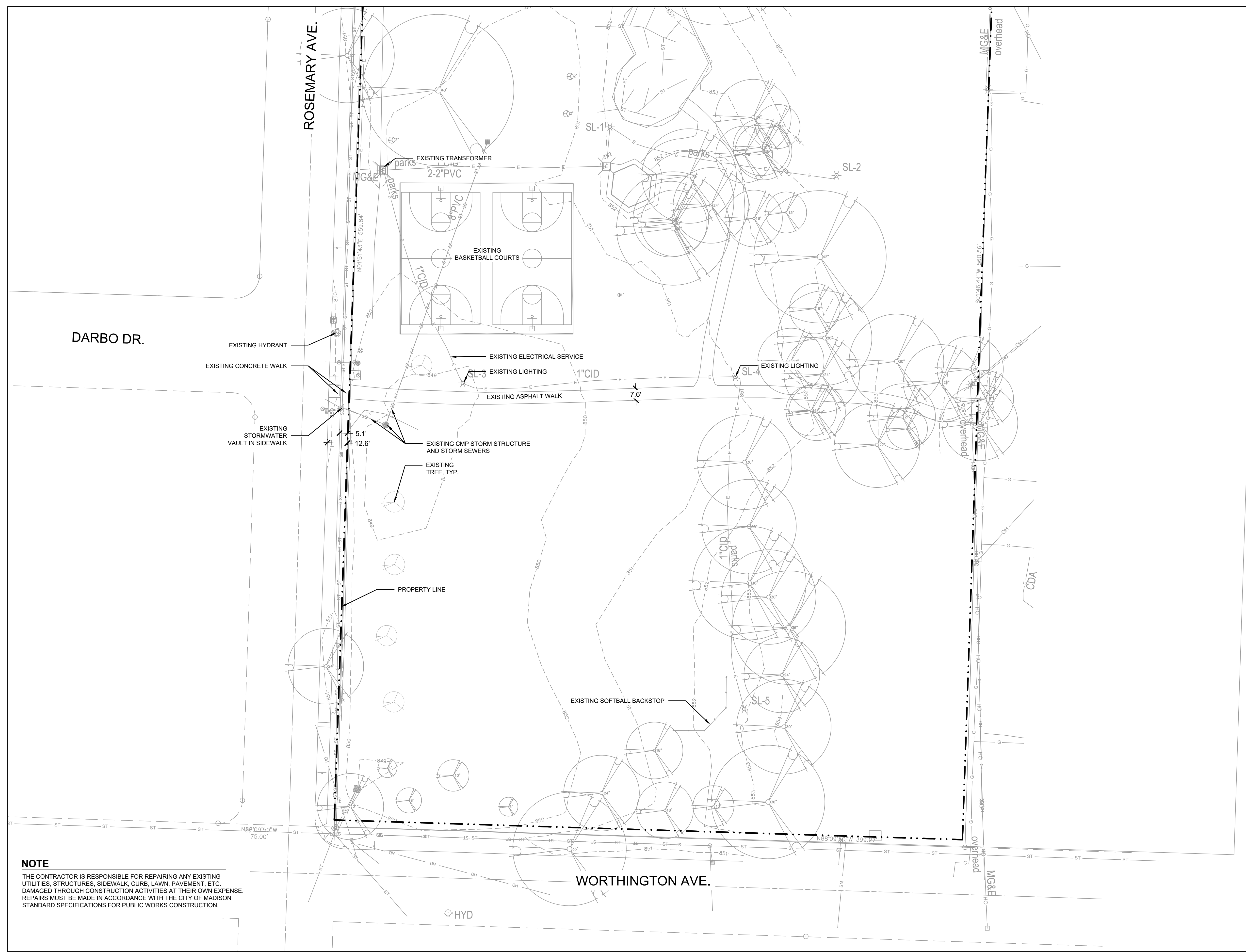
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ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
EXISTING CONDITIONS

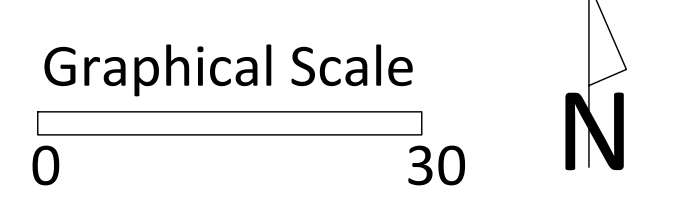
SHEET NUMBER:
L202



NOTE
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City of Madison
 Department of Public Works
PARKS DIVISION
 330 E. Lakeside St.
 Madison, WI 53715

**MADISON
 PARKS**



PROJECT:
**WORTHINGTON PARK
 FUTSAL COURT**

PROJECT ADDRESS:
**3102 WORTHINGTON AVE.
 MADISON, WI 53714**

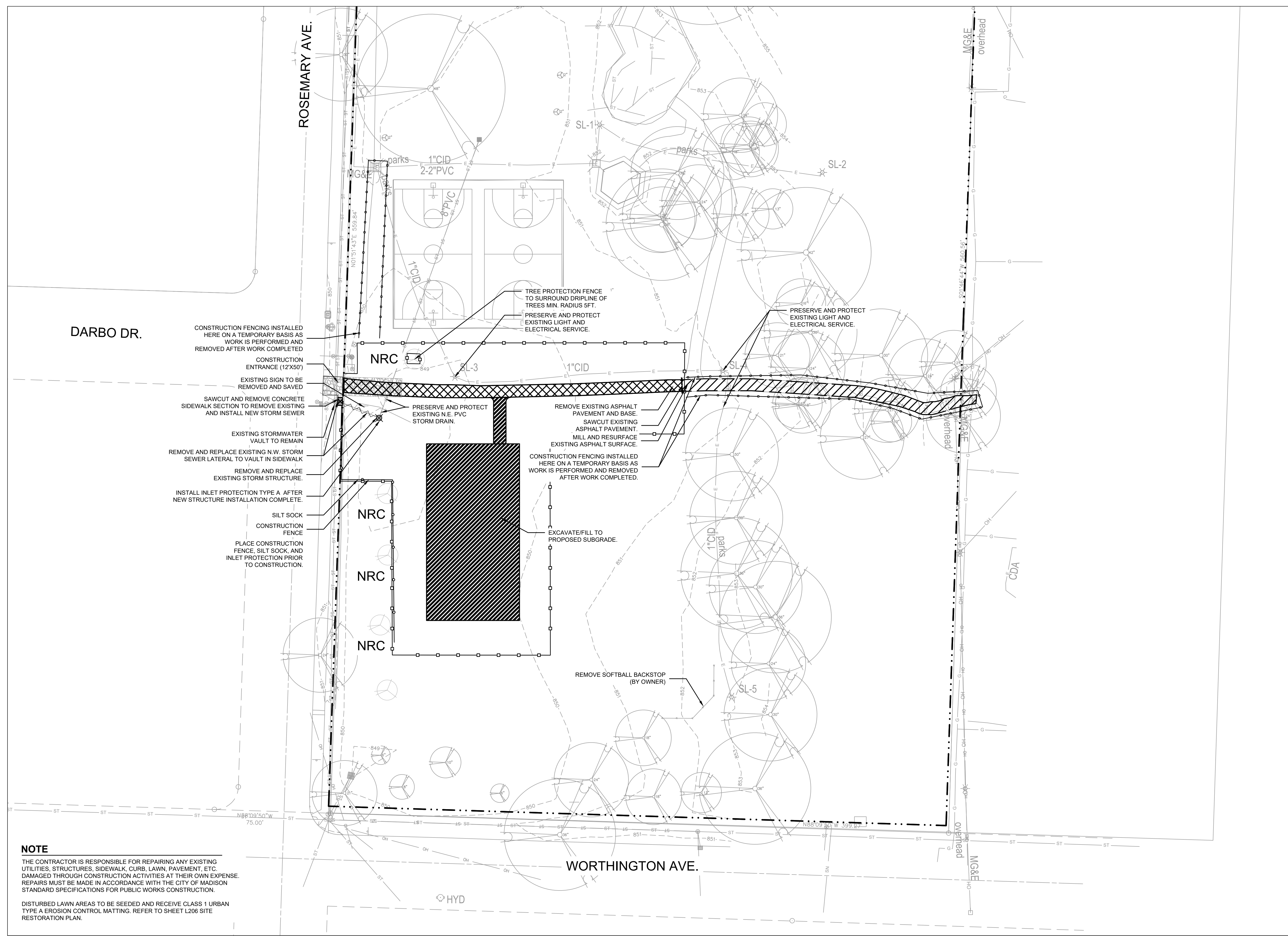
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ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
**DEMOLITION AND
 EROSION CONTROL PLAN**

SHEET NUMBER:
L203



NOTE
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 DISTURBED LAWN AREAS TO BE SEEDED AND RECEIVE CLASS 1 URBAN TYPE A EROSION CONTROL MATTING. REFER TO SHEET L206 SITE RESTORATION PLAN.

DARBO DR.

ROSEMARY AVE.

WORTHINGTON AVE.

City of Madison
Department of Public Works
PARKS DIVISION
330 E. Lakeside St.
Madison, WI 53715

**MADISON
PARKS**



PROJECT:

**WORTHINGTON PARK
FUTSAL COURT**

PROJECT ADDRESS:

**3102 WORTHINGTON AVE.
MADISON, WI 53714**

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ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
SITE PLAN

SHEET NUMBER:
L204

NOTE
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HYD

DARBO DR.

ROSEMARY AVE.

WORTHINGTON AVE.

City of Madison
Department of Public Works
PARKS DIVISION
330 E. Lakeside St.
Madison, WI 53715

**MADISON
PARKS**



PROJECT:

**WORTHINGTON PARK
FUTSAL COURT**

PROJECT ADDRESS:

**3102 WORTHINGTON AVE.
MADISON, WI 53714**

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ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

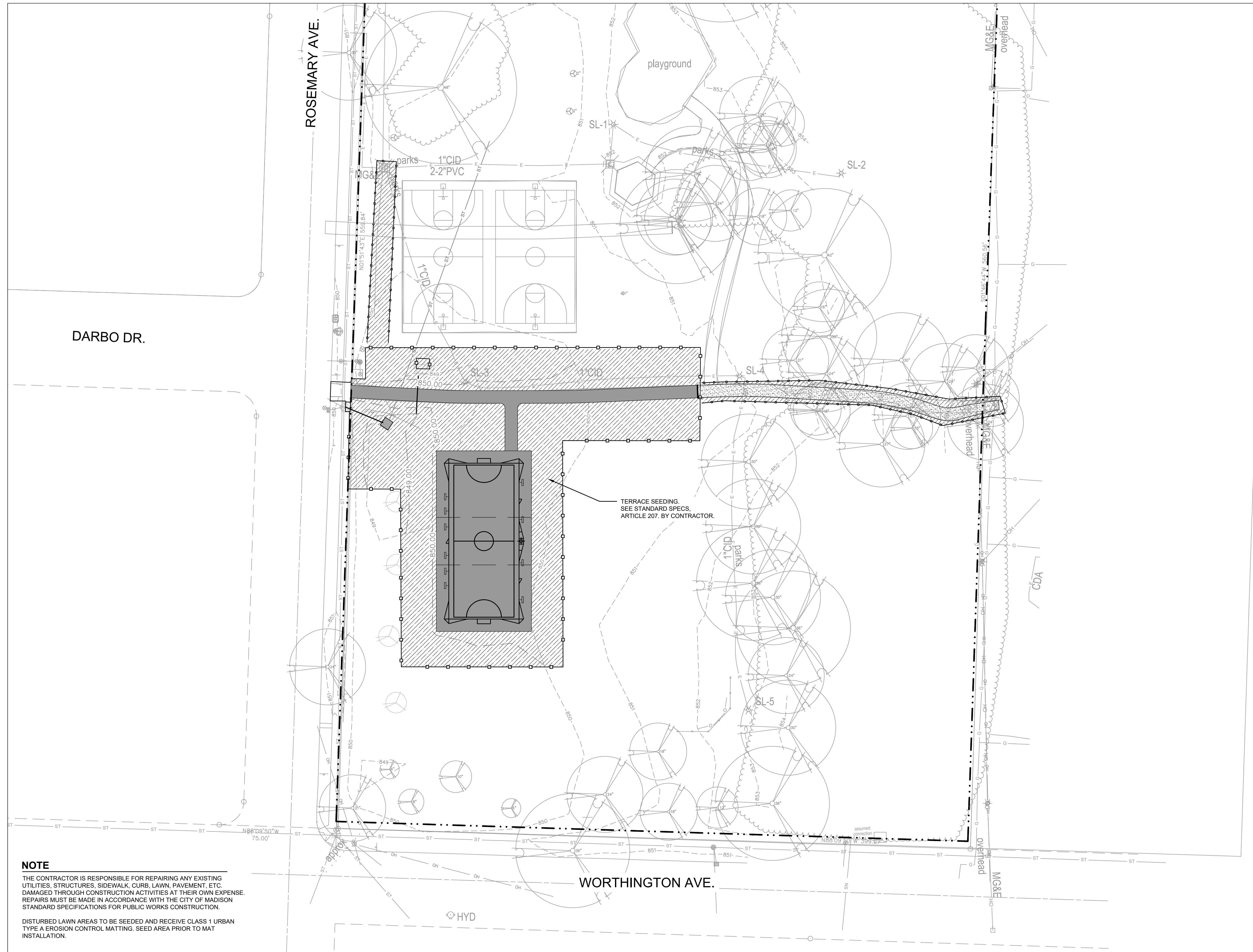
PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
**GRADING AND
STORMWATER PLAN**

SHEET NUMBER:
L205

NOTE
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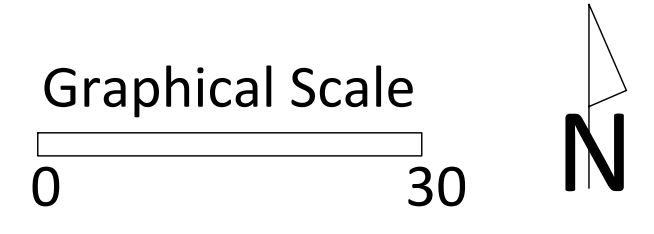
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NOTE
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 DISTURBED LAWN AREAS TO BE SEEDING AND RECEIVE CLASS 1 URBAN TYPE A EROSION CONTROL MATTING. SEED AREA PRIOR TO MAT INSTALLATION.

City of Madison
 Department of Public Works
PARKS DIVISION
 330 E. Lakeside St.
 Madison, WI 53715

**MADISON
 PARKS**



PROJECT:
**WORTHINGTON PARK
 FUTSAL COURT**

PROJECT ADDRESS:
**3102 WORTHINGTON AVE.
 MADISON, WI 53714**

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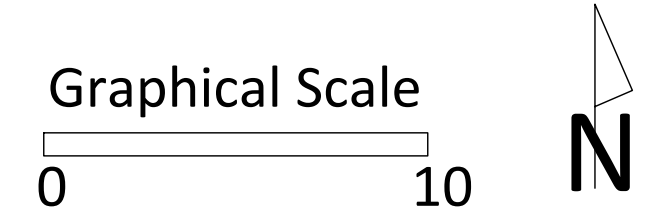
ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
**SITE RESTORATION
 PLAN**

SHEET NUMBER:
L206

**MADISON
 PARKS**



PROJECT:

**WORTHINGTON PARK
 FUTSAL COURT**

PROJECT ADDRESS:

**3102 WORTHINGTON AVE.
 MADISON, WI 53714**

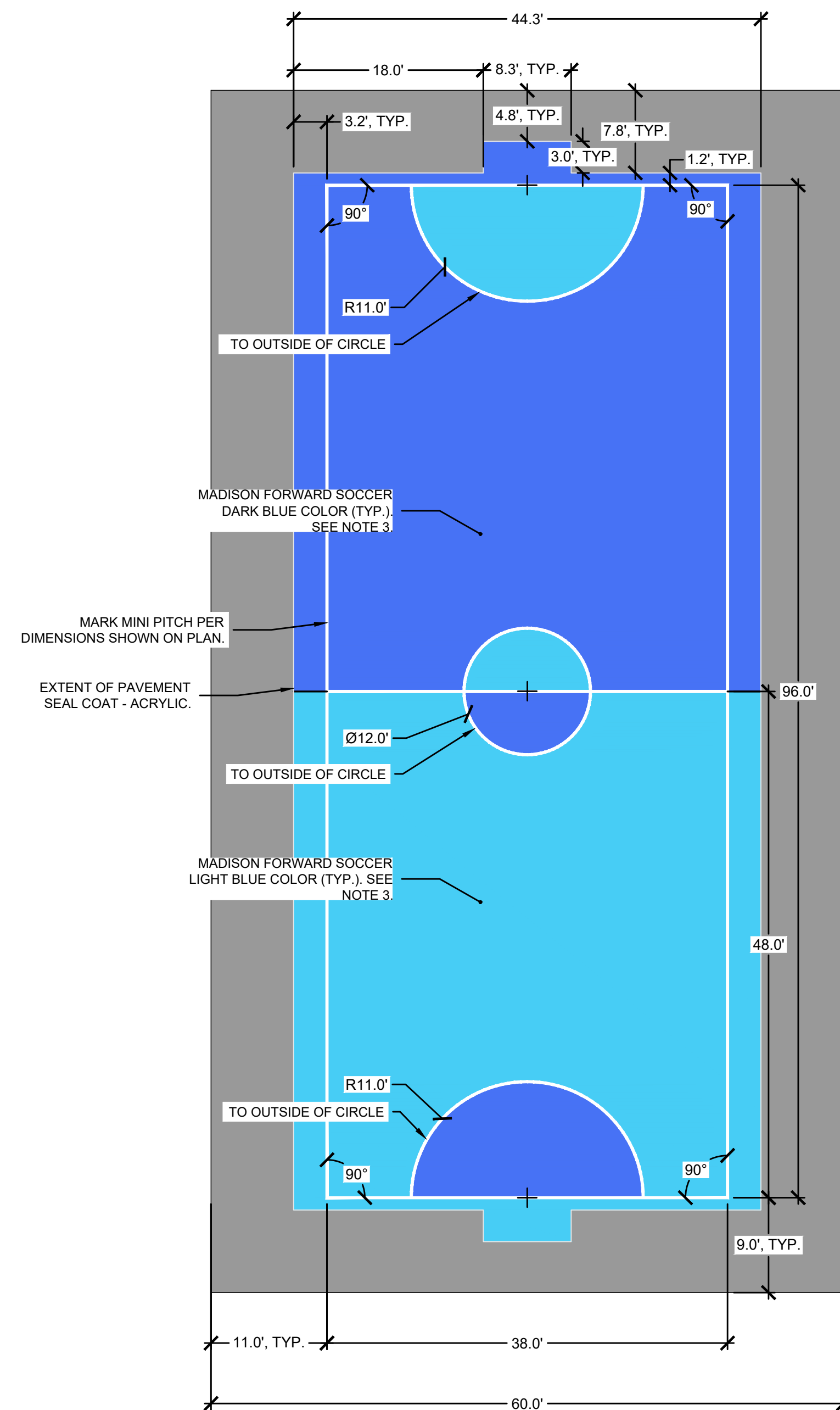
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ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
COURT LAYOUT

SHEET NUMBER:
L207



NOTE

1. ALL DIMENSIONS TO OR FROM LINE MARKING FROM THE INSIDE EDGE OF LINE MARKINGS UNLESS OTHERWISE NOTED.
2. ALL LINE MARKINGS SHOWN SHALL BE WHITE COLOR AND 2" WIDTH. SEE SPECIFICATIONS FOR ADDITIONAL LINE PAINTING INFORMATION.
3. COLORS INDICATED ARE FOR ACRYLIC PAVEMENT SEAL COAT. COLOR SAMPLES SHALL BE SUBMITTED TO THE PROJECT MANAGER FOR APPROVAL PRIOR TO PURCHASE/APPLICATION. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

**MADISON
 PARKS**

PROJECT:

**WORTHINGTON PARK
 FUTSAL COURT**

PROJECT ADDRESS:

**3102 WORTHINGTON AVE.
 MADISON, WI 53714**

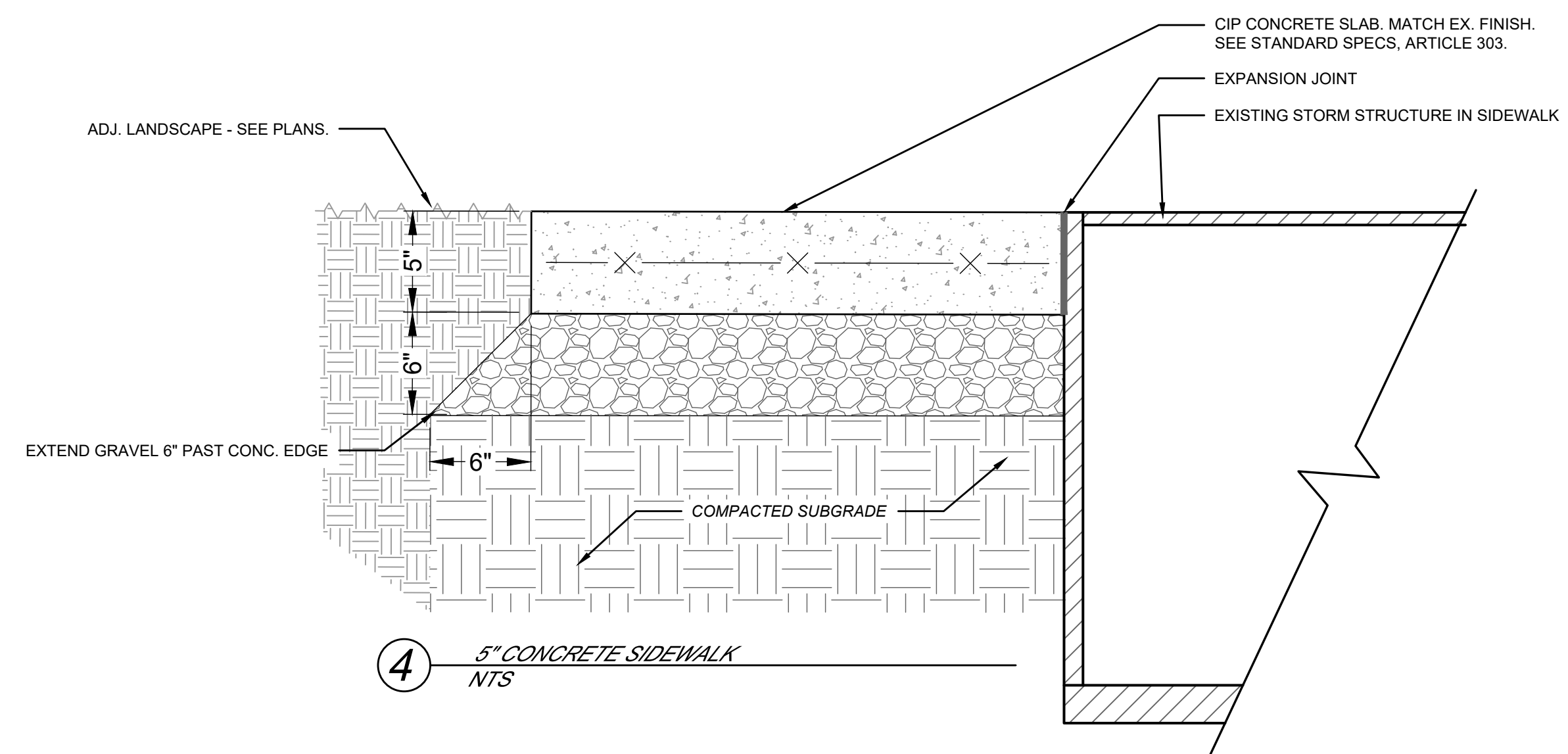
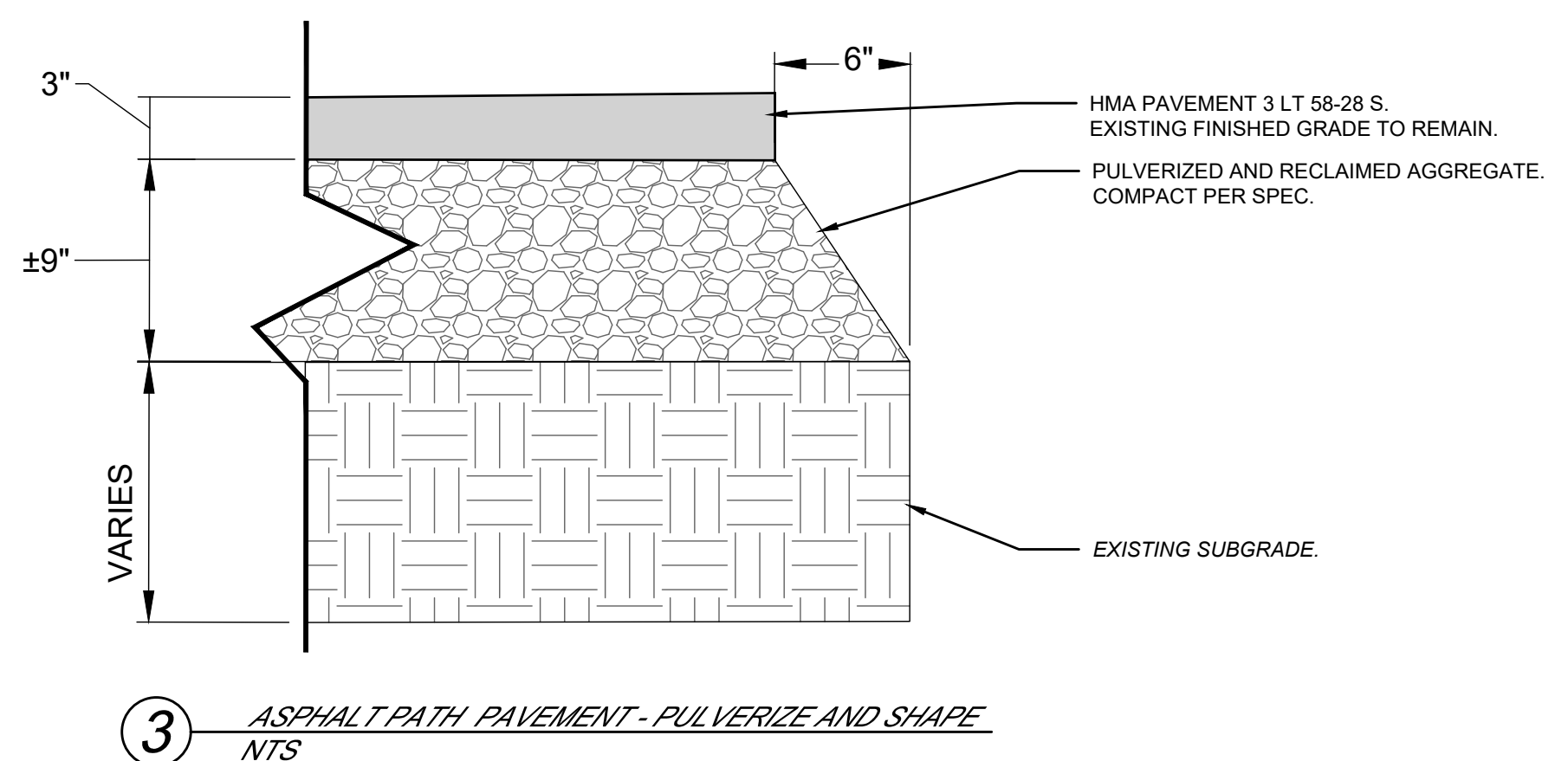
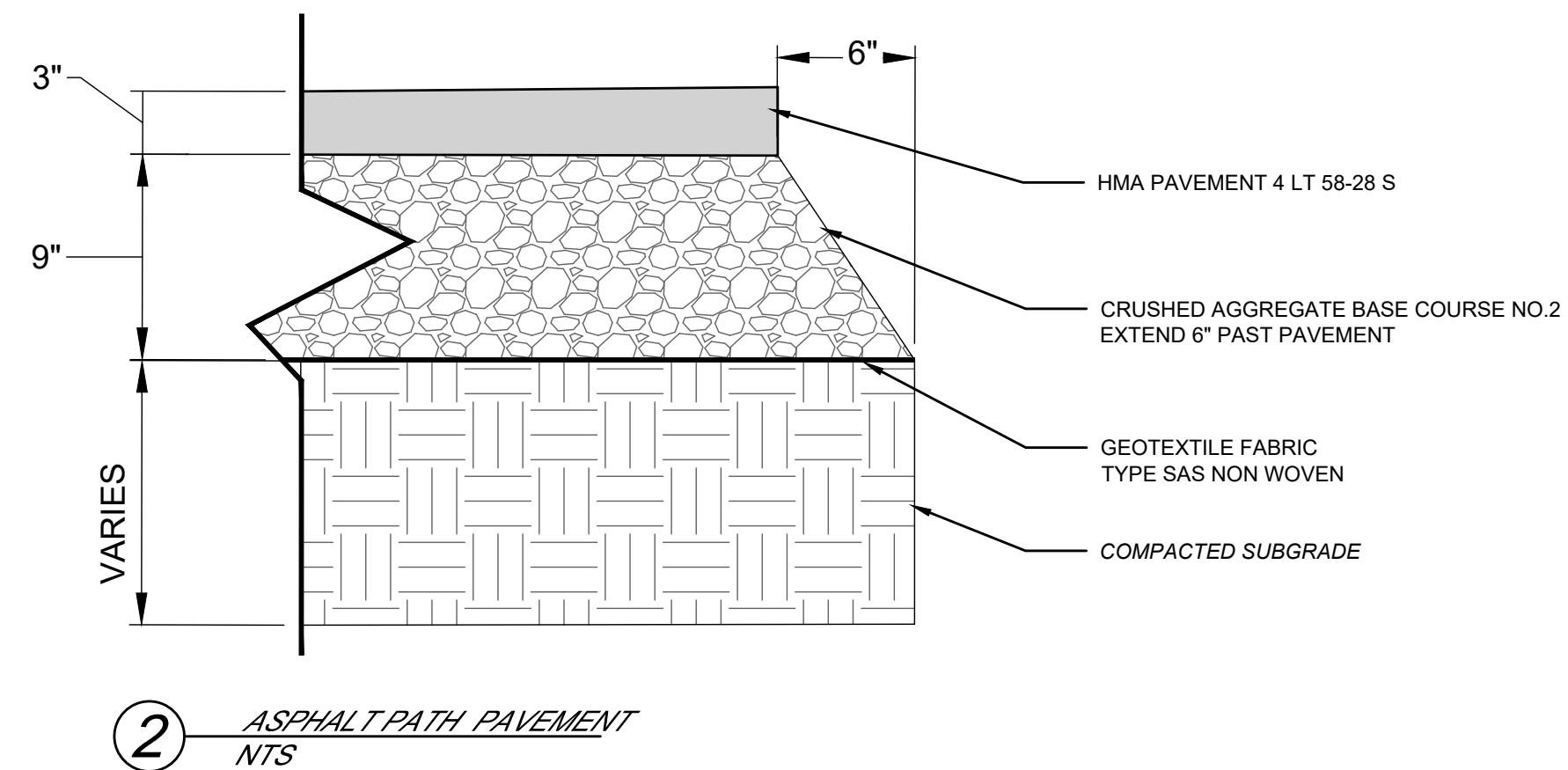
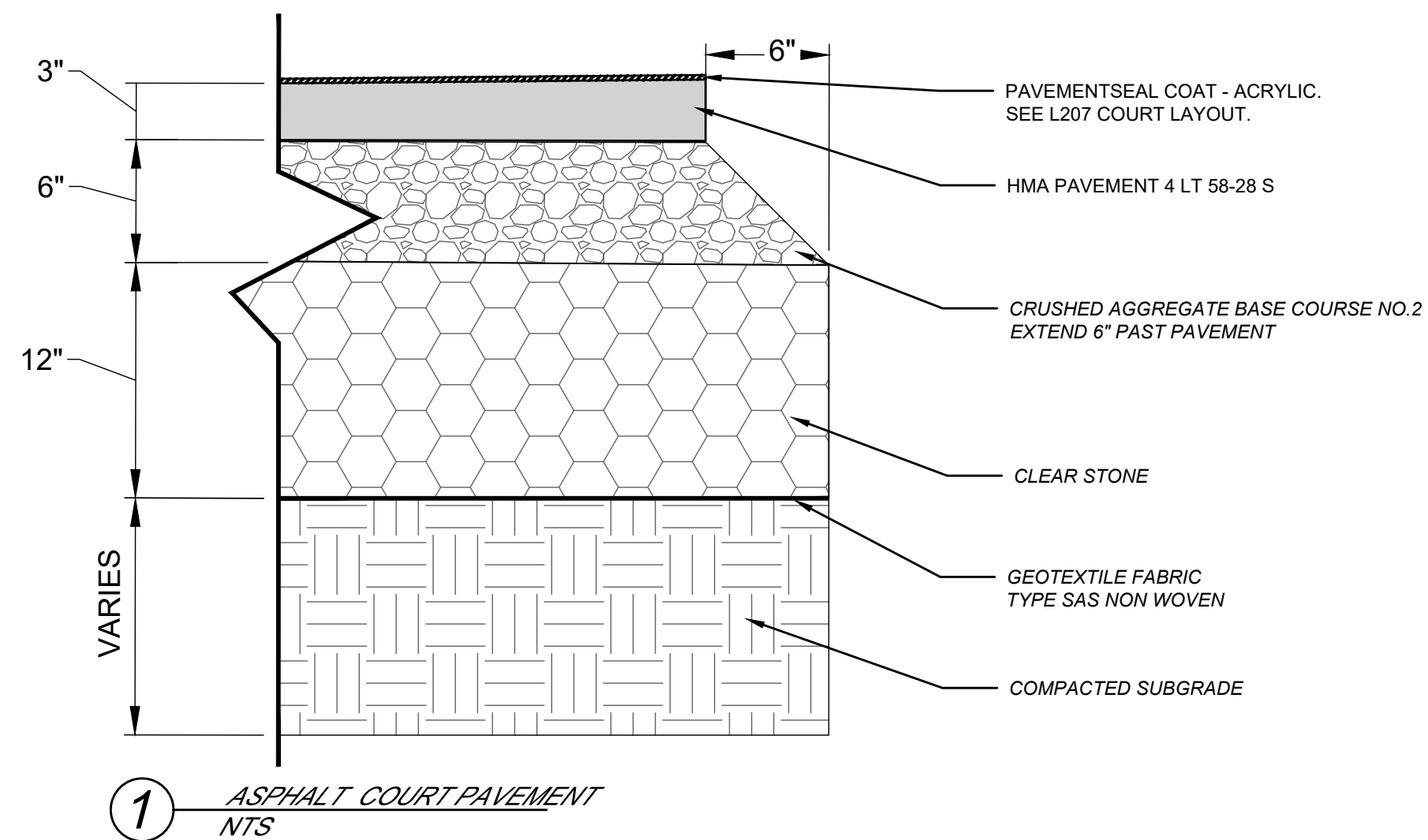
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ITEM	DATE
BIDDING DOCUMENTS	2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
PAVEMENT DETAILS

SHEET NUMBER:
L208



**MADISON
 PARKS**

PROJECT:

**WORTHINGTON PARK
 FUTSAL COURT**

PROJECT ADDRESS:

**3102 WORTHINGTON AVE.
 MADISON, WI 53714**

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ITEM DATE
 BIDDING DOCUMENTS 2026-03-12

PUBLIC WORKS PROJECT #:
9694

SHEET TITLE:
**DESIGN
 COMPUTATIONS**

SHEET NUMBER:
L209

Sort	Grp	Material	Item	From Surface Model	To Surface Model	area (sq ft)	depth (ft)	Unfactored volume (cu ft)	Unfactored volume (cu yd)	Expansion Factor (%)	Factored (Uncompacted) Volume (cu yd)
1.1	Grass to Court Asphalt	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	6840	0.50	3420	126.7	0%	126.7
1.2	Grass to Court Asphalt	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-21in	6840	varies	1617	59.9	0%	59.9
1.3	Grass to Court Asphalt	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-21in	6840	varies	-2	-0.1	0%	-0.1
1.4	Grass to Court Asphalt	Clearstone (for Court Pavement) Place	Place 12in clear stone base	n/a	n/a	6840	-1.00	-6840	-253.3	0%	-253.3
1.5	Grass to Court Asphalt	Gravel Place	Place 6in gravel base	n/a	n/a	6840	-0.50	-3420	-126.7	0%	-126.7
1.6	Grass to Court Asphalt	Asphalt Place	Place 3in asphalt	n/a	n/a	6840	-0.25	-1710	-63.3	0%	-63.3
2.1	Grass to Path Asphalt	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	247	0.50	124	4.6	0%	4.6
2.2	Grass to Path Asphalt	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-12in	247	varies	0	0.0	0%	0.0
2.3	Grass to Path Asphalt	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-12in	247	varies	-150	-5.6	0%	-5.6
2.4	Grass to Path Asphalt	Gravel Place	Place 9in gravel base	n/a	n/a	247	-0.75	-185	-6.9	0%	-6.9
2.5	Grass to Path Asphalt	Asphalt Place	Place 3in asphalt	n/a	n/a	247	-0.25	-62	-2.3	0%	-2.3
3.1	Path Asphalt to Path Asphalt	Asphalt Excavate	Remove estimated 3in asphalt	n/a	n/a	1755	0.25	439	16.2	0%	16.2
3.2	Path Asphalt to Path Asphalt	Gravel Excavate	Remove estimated 9in gravel base	n/a	n/a	1755	0.75	1316	48.7	0%	48.7
3.3	Path Asphalt to Path Asphalt	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-12in	Pro-12in	1755	varies	0	0.0	0%	0.0
3.4	Path Asphalt to Path Asphalt	Subsoil Place	Fill subsoil to proposed subgrade	Ex-12in	Pro-12in	1755	varies	-1603	-59.4	0%	-59.4
3.5	Path Asphalt to Path Asphalt	Gravel (for Path Pavement) Place	Place 9in gravel base	n/a	n/a	1755	-0.75	-1316	-48.7	0%	-48.7
3.6	Path Asphalt to Path Asphalt	Asphalt Place	Place 3in asphalt	n/a	n/a	1755	-0.25	-439	-16.2	0%	-16.2
13298	Grass to Grass	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	13266	0.50	6633	245.7	0%	245.7
4.2	Grass to Grass	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-6in	13266	varies	106	3.9	0%	3.9
4.3	Grass to Grass	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-6in	13266	varies	-7089	-262.6	0%	-262.6
4.4	Grass to Grass	Topsoil Place	Place 6in topsoil	n/a	n/a	13266	-0.50	-6633	-245.7	0%	-245.7
5.1	Grass to Grass	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	3319	0.50	1659	61.5	0%	61.5
5.2	Grass to Grass	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-6in	3319	varies	9	0.3	0%	0.3
5.3	Grass to Grass	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-6in	3319	varies	-1244	-46.1	0%	-46.1
5.4	Grass to Grass	Topsoil Place	Place 6in topsoil	n/a	n/a	3319	-0.50	-1659	-61.5	0%	-61.5

Bid Item	Quantity	Units	Relation to Table Above
20101 Excavation Cut	568	CY	= Asphalt Excavate + Gravel Excavate+ Topsoil Excavate + Subsoil Excavate
20217 Clear Stone	532	tons	= (Clear Stone Place) * -2.1 ton/cubic yard
20202 Fill Borrow	309	CY	= difference of Subsoil Place & Subsoil Excavate
20221 Topsoil	1839	SY	= (Topsoil Place)-.167
40102 Crushed Aggregate Base Course Gradation No. 2	365	tons	= (Gravel Place) * -2 ton/cubic yard
40202 HMA Pavement 4 LT 58-28S	177	tons	= Asphalt Place * -2.16 ton/cubic yard

① DESIGN COMPUTATION TABLES

CONSULTANTS

OWNER
CITY OF MADISON

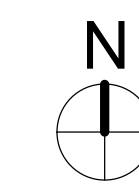
PROJECT NAME
WORTHINGTON PARK FUTSAL COURT LIGHTING

PROJECT NUMBER: 25099
DRAWN: DRH
CHECKED: BJB

ISSUE DATE AND DESCRIPTION
11.26.2025 CONSTRUCTION DOCUMENTS

KEY PLAN

SHEET TITLE
COVER SHEET



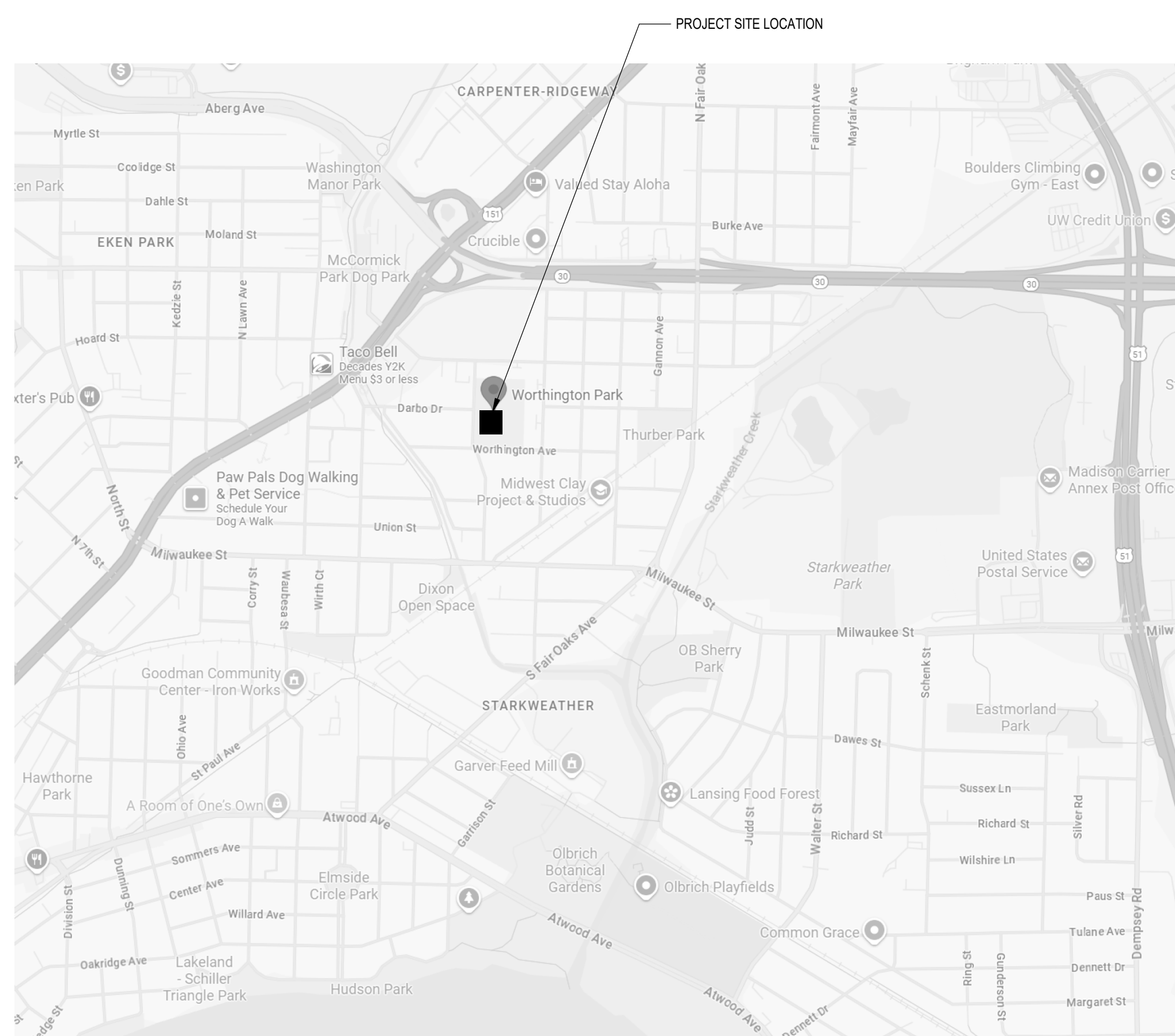
CITY OF MADISON

WORTHINGTON PARK FUTSAL COURT LIGHTING

WORTHINGTON PARK, 3102 WORTHINGTON
AVE, MADISON, WI 53714

PROJECT NO.:25099

CONSTRUCTION DOCUMENTS



1 SITE MAP
NOT TO SCALE

DE SHEET INDEX

GENERAL	
G100	COVER SHEET
ELECTRICAL	
E000	ELECTRICAL NOTES AND SYMBOLS
ED100	ELECTRICAL SITE DEMOLITION PLAN
E100	ELECTRICAL SITE PLAN
E500	ELECTRICAL SCHEDULES AND DETAILS

	I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Wisconsin.	
	Jonathan Charles Gettler Wisconsin Registration No. 48452-6 My license renewal date is July 31, 2026. Pages or sheets covered by this seal: G100, E000, ED100, E100, E500	Date _____
Seal		

G100

ELECTRICAL ABBREVIATIONS

(NOTE: ALL ABBREVIATIONS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT)

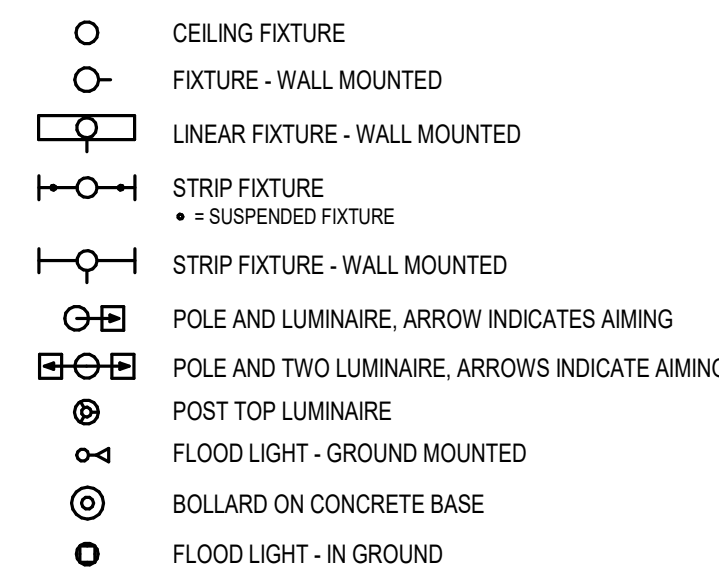
*** ABBREVIATIONS ***

3R	NEMA 3R ENCLOSURE
4X	NEMA 4X ENCLOSURE
A	AMPERES
AF	AMPERE FRAME
AFCIAFI	ARC FAULT CIRCUIT INTERRUPTER ABOVE FINISHED FLOOR
AJ	AUTHORITY HAVING JURISDICTION
AI	AMP INTERRUPTING CAPACITY
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
ACT	ACOUSTICAL CEILING TILE
BRKR	BREAKER
C	CONDUIT
CD1	CLASS 1 DIVISION 1
CD2	CLASS 1 DIVISION 2
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CFI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CKT	CIRCUIT
CMS	COMBINATION MOTOR STARTER
CT	CURRENT TRANSFORMER
DB	DISTRIBUTION BOARD
DISC	DISCONNECT
DN	DOWN
DP	DISTRIBUTION PANEL
DS	DISCONNECT SWITCH
EGC	EQUIPMENT GROUND CONDUCTOR
EMEMER	EMERGENCY ELECTRICAL METALLIC TUBING
EMT	ELECTRICAL METALLIC TUBING
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FARP	FIRE ALARM ANNUNCIATOR PANEL
FDR	FEEDER
FDS	FUSED DISCONNECT SWITCH
FLA	FULL LOAD AMPERES
FMC	FLEXIBLE METAL CONDUIT
FLR	FLOOR
FNR	FULL VOLTAGE NON-REVERSING
FSD	FIRE/SMOKE DAMPER
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GFI/GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTED
GND	GROUND
HI	HAND HOLE
HOA	HAND OFF AUTOMATIC
HP	HORSE POWER
HGT	HEIGHT
IESCR	INTEGRATED ELECTRICAL SHORT CIRCUIT RATING
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INV	INVERTER
JB	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT-AMPERES
KW	KILOWATTS
KWH	KILOWATT HOURS
LAN	LOCAL AREA NETWORK
LCP	LIGHTING CONTROL PANEL
LED	LIGHT EMITTING DIODE
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
LI	LONG-TIME / INSTANTANEOUS
LSI	LONG-TIME / SHORT-TIME / INSTANTANEOUS
LSIA	LONG-TIME / SHORT-TIME / INSTANTANEOUS / GROUND ALARM
LSIG	LONG-TIME / SHORT-TIME / INSTANTANEOUS / GROUND
LIG	LIGHTING
LV	LOW VOLTAGE (0-49V)
MCBMB	MAIN CIRCUIT BREAKER
MCP	MOTOR CONTROL CIRCUIT
MCP	MOTOR CIRCUIT PROTECTOR
MCS	MOLDED CASE SWITCH
MH	MANHOLE
MLO	MAIN LUGS ONLY
MTR	MOTOR / METER
MV	MEDIUM VOLTAGE (601V TO 69KV)
NA	NOT APPLICABLE
NAC	NOTIFICATION APPLIANCE CIRCUIT
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OCPD	OVERCURRENT PROTECTIVE DEVICE
OFI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFI	OWNER FURNISHED, OWNER INSTALLED
OS	OCCUPANCY SENSOR
P	POLE
PB	PULL BOX / PUSH BUTTON
PC	PHOTOCELL
PDU	POWER DISTRIBUTION UNIT
PF	POWER FACTOR
PH	PHASE
PNL	PANEL
PT	POTENTIAL TRANSFORMER
PV	PHOTOVOLTAIC
PVC	POLYVINYL CHLORIDE CONDUIT
PWR	POWER
RAC	RIGID ALUMINUM CONDUIT
REC	RECESSED
RCPT	RECEPTACLE
REL	RELUCATE
REQD	REQUIRED
RGS	RIGID GALVANIZED STEEL CONDUIT
SCCR	SHORT CIRCUIT CURRENT RATING
SM	SIMILAR
SPD	SURGE PROTECTION DEVICE
SPEC	SPECIFICATION
SSBJ	SUPPLY SIDE BONDING JUMPER
ST	SHUNT TRIP
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SD	SMOKE DAMPER
TS	TAMPER SWITCH
TR	TAMPER RESISTANT
TVSS	TRANSIENT VOLT SURGE SUPPRESSOR
TYP	TYPICAL
UC	UNDER COUNTER
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTED POWER SUPPLY
USB	UNIVERSAL SERIAL BUS TYPE DEVICE
V	VOLTS
VA	VOLT AMPS
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE
WG	WIRE GUARD
WP	WEATHERPROOF
WPD	WEATHERPROOF DEVICE - IN USE
XFMR	TRANSFORMER
XP	EXPLOSION PROOF

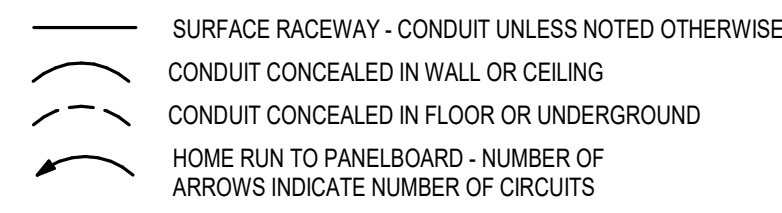
ELECTRICAL SYMBOLS

REFER TO TECHNOLOGY COMMUNICATION, FIRE ALARM, AUDIO VISUAL, SECURITY, AND NURSE CALL SYMBOLS LIST FOR ADDITIONAL INFORMATION.
(NOTE: ALL SYMBOLS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT)
(NOTE: +### INDICATES DIMENSION HEIGHT TO CENTER OF DEVICE ABOVE FINISHED FLOOR. IN GENERAL, ALL RECEPTACLES ARE TO BE +18" UNLESS NOTED OTHERWISE.)

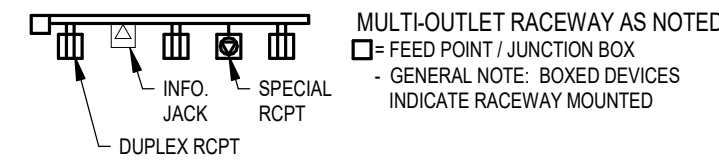
*** LIGHTING FIXTURES ***



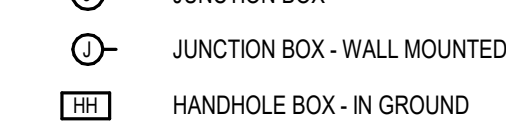
*** RACEWAYS ***



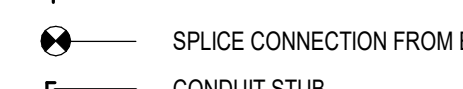
*** WIREWAY ***



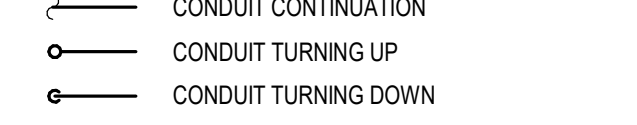
*** JUNCTION BOX ***



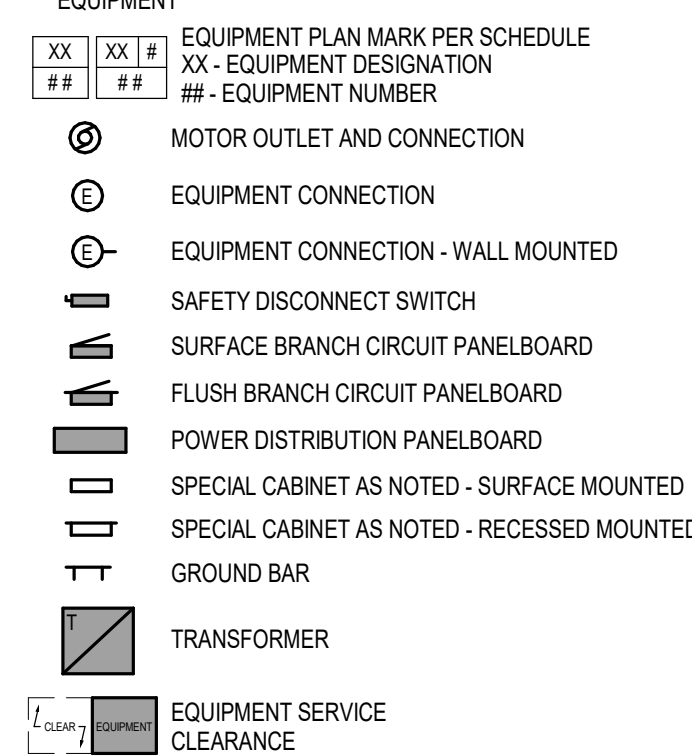
*** HANDHOLE BOX - IN GROUND ***



*** GROUND ***

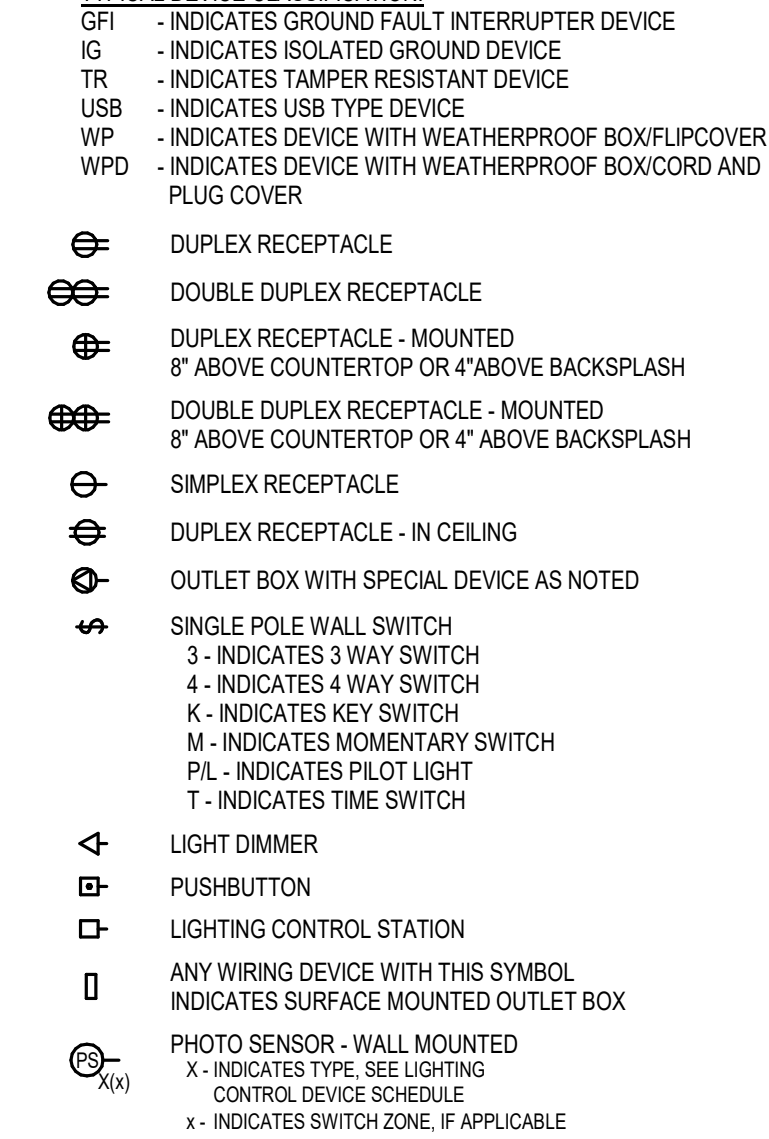


*** EQUIPMENT ***

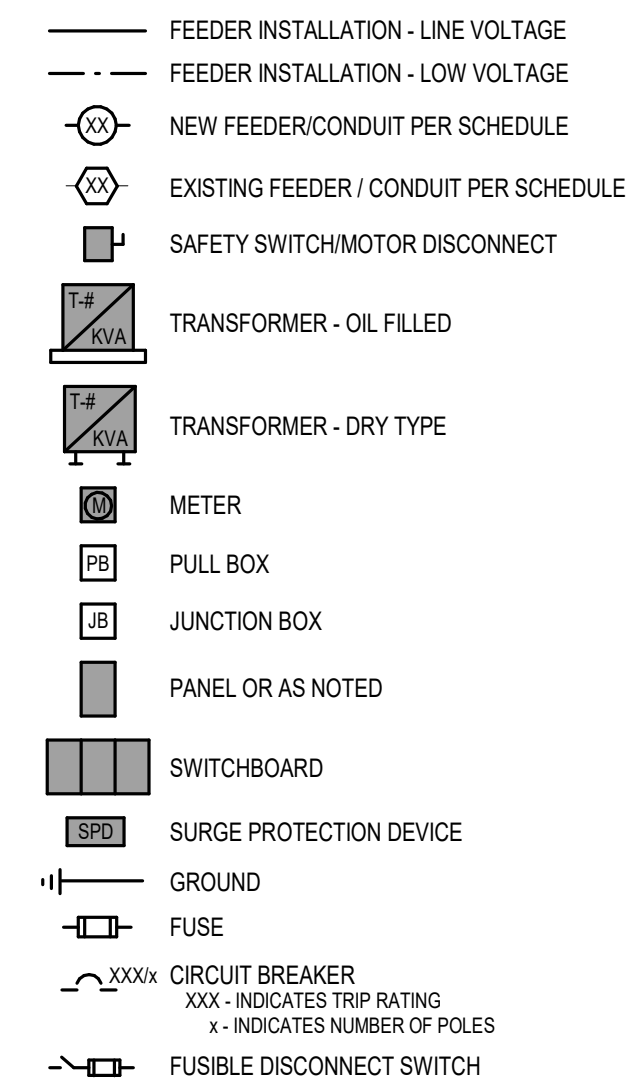


*** WIRING DEVICES ***

TYPICAL DEVICE CLASSIFICATION:



*** SCHEMATIC RISER DIAGRAM ***



ELECTRICAL DEMOLITION KEYED NOTES

GENERAL ELECTRICAL NOTES:

- REFER TO THE PROJECT MANUAL AND STANDARD DETAILS FOR MORE DETAILED INFORMATION FOR THESE ITEMS AND FOR ALL OTHER MATERIALS AND CONSTRUCTION METHODS REQUIRED.
 - ALL CONDUITS, JUNCTION BOXES, WIRING, EQUIPMENT, ETC. TO BE PROPERLY LABELED.
 - PROVIDE GREEN GROUND CONDUCTOR THROUGHOUT ENTIRE ELECTRICAL SYSTEM.
 - ALL CIRCUITS SHALL HAVE DEDICATED NEUTRALS. WHEN REQUIRED, TO MEET NEC WITHOUT HAVING HANDLE TIES. SHARED NEUTRALS ARE NOT ALLOWED.
- DRAWINGS ARE IN PART DIAGRAMMATIC, INTENDED TO CONVEY THE SCOPE OF WORK AND TO INDICATE THE GENERAL LOCATIONS OF EQUIPMENT AND SOME FEEDERS. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LAYOUT THEIR OWN WORK ACCORDING TO THE FOLLOWING GUIDELINES:
 - COORDINATE DEVICE LOCATIONS AND HEIGHTS WITH CITY OF MADISON PARKS DEPARTMENT PRIOR TO ROUGH IN.
 - CONTRACTOR SHALL INSTALL EQUIPMENT PER CLEARANCES LISTED IN NEC.
- ALL ELEMENTS OF THE CONSTRUCTION SHALL BE PERFORMED BY TRADES PEOPLE SKILLED IN THE PARTICULAR CRAFT INVOLVED, AND REGULARLY EMPLOYED IN THAT PARTICULAR CRAFT. ALL WORK SHALL BE PERFORMED IN A NEAT, PROFESSIONAL MANNER IN KEEPING WITH THE HIGHEST STANDARDS OF THE CRAFT.
- PROVIDE UPDATED TYPEWRITTEN CIRCUIT DIRECTORIES AT ALL EXISTING PANELBOARDS WITH NEW OR MODIFIED CIRCUITS.
- ANY WORK REQUIRING POWER INTERRUPTION TO OCCUPIED AREAS SHALL BE SCHEDULED WITH THE OWNER.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL PARTS OF THE SITE THAT WERE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION.
- ALL DISTURBED AND UNPAVED AREAS SHALL BE RESTORED IN KIND TO LAWN OR LANDSCAPE AREAS. LAWN AREAS SHALL BE SEEDED OR SODDED AND PROTECTED FROM EROSION WHILE BECOMING ESTABLISHED. DISCUSS THE REQUIRED MAINTENANCE AND WATERING RESPONSIBILITIES WITH THE CITY OF MADISON PARKS REPRESENTATIVE. USE GRASSES AND PLANTING THAT WILL TOLERATE THE PLANTING LOCATION AND MINIMIZE MAINTENANCE.
- INSTALLATION OF THE COURT LIGHTING SYSTEM IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. PROVIDE ALL REQUIRED HOISTING, RIGGING, PERMITTING, ETC. REQUIRED FOR LIFTING LIGHT POLES AND ASSOCIATED EQUIPMENT INTO PLACE.
- ELECTRICAL CONTRACTOR SHALL PROTECT THE PLAYING SURFACE FROM DAMAGE. ANY DAMAGE RESULTING FROM INSTALLATION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

ELECTRICAL KEYED NOTES

CONSULTANTS

OWNER

CITY OF MADISON

PROJECT NAME

WORTHINGTON PARK FUTSAL COURT LIGHTING

PROJECT NUMBER: 25099
DRAWN: DRH
CHECKED: 8JB

ISSUE DATE AND DESCRIPTION

11.26.2025 CONSTRUCTION DOCUMENTS

KEY PLAN



SHEET TITLE

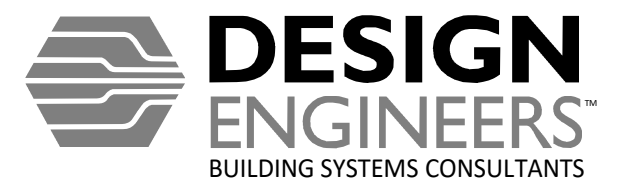
ELECTRICAL NOTES AND SYMBOLS

E000

TENNIS COURT LIGHTING SYSTEM RESPONSIBILITY MATRIX			
DESCRIPTION	SUPPLIED BY	INSTALLED BY	WIRED BY
POLE FOUNDATIONS	MUSCO	EC	EC
EXCAVATION, TRENCHING, BACKFILL, RESTORATION	EC	EC	--
LIGHT FIXTURES AND POLE FITTERS	MUSCO	EC	EC
POLE MOUNTED DRIVER ENCLOSURES	MUSCO	EC	EC
INTERNAL POLE WIRING HARNESS: DRIVER TO LIGHT	MUSCO	EC	EC
LIGHTING CONTROL AND CONTACTOR CABINET	MUSCO	EC	EC
HORIZONTAL DIRECTIONAL DRILLING	EC	EC	EC
UNDERGROUND RACEWAY AND WIRING	EC	EC	EC
HAND HOLES	EC	EC	EC

GENERAL NOTES:
1. INSTALLATION RESPONSIBILITIES INCLUDES ALL REQUIRED RIGGING, HOISTING, PERMITTING, ETC. FOR COMPLETE INSTLLATION.

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Cedar Rapids, IA 319.841.1944 Des Moines, IA 515.207.8676 Madison, WI 608.424.8815

CONSULTANTS

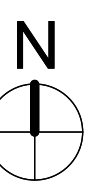
OWNER
CITY OF MADISON

PROJECT NAME
WORTHINGTON PARK FUTSAL COURT LIGHTING

PROJECT NUMBER: 25099
DRAWN: DRH
CHECKED: BJB

ISSUE DATE AND DESCRIPTION
11.26.2025 CONSTRUCTION DOCUMENTS

KEY PLAN

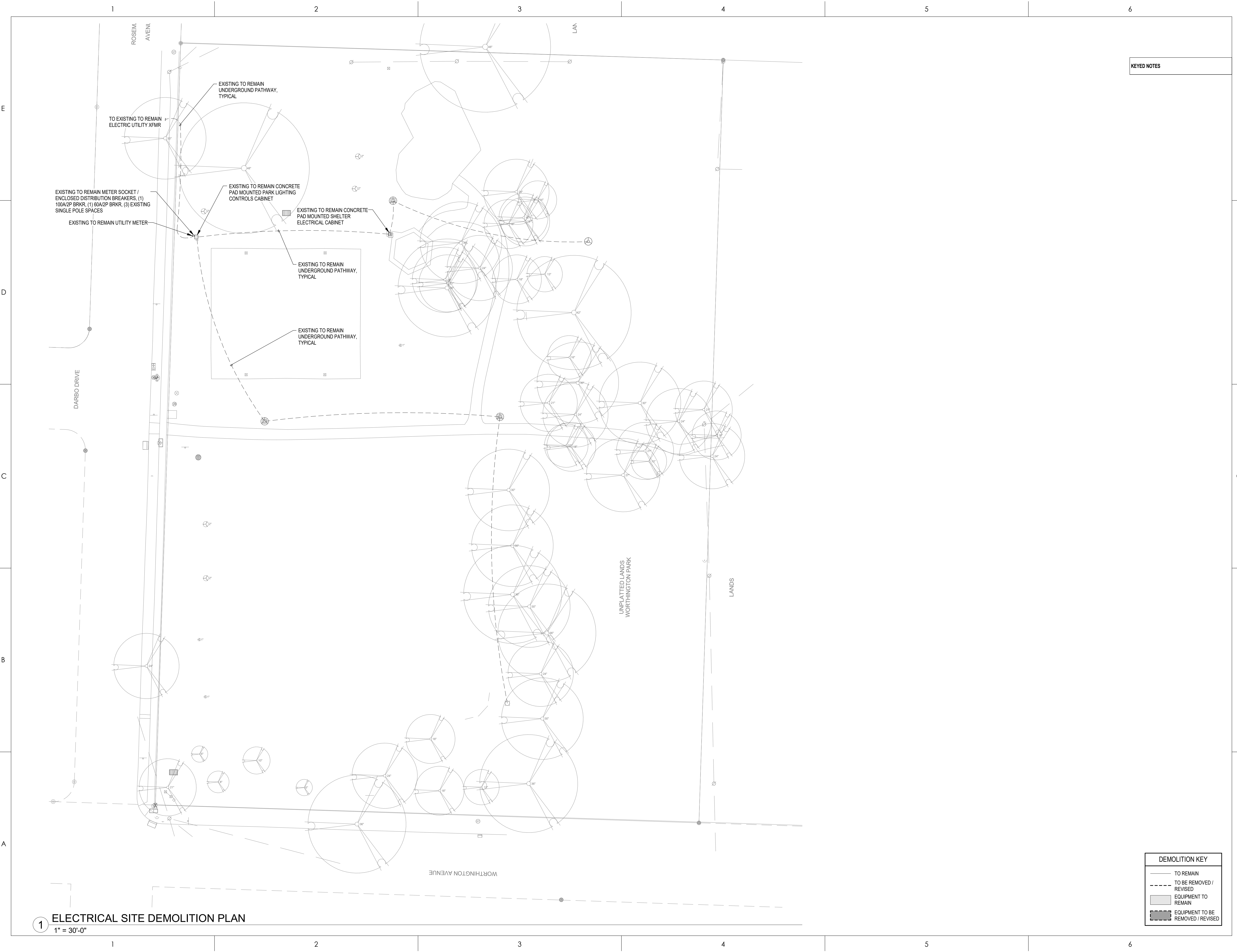


SHEET TITLE
ELECTRICAL SITE DEMOLITION PLAN

ED100

KEYED NOTES

DEMOLITION KEY	
	TO REMAIN
	TO BE REMOVED / REVISED
	EQUIPMENT TO REMAIN
	EQUIPMENT TO BE REMOVED / REVISED



1 ELECTRICAL SITE DEMOLITION PLAN

1" = 30'-0"

11/26/2025 11:24:20 AM Autodesk Docs://Worthington Park Futsal Court Lighting - 25099/MEP - Worthington Park Futsal Court Lighting_25099_R25.rvt

CONSULTANTS

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CITY OF MADISON

PROJECT NAME
WORTHINGTON PARK FUTSAL COURT LIGHTING

PROJECT NUMBER: 25099
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CHECKED: BJB

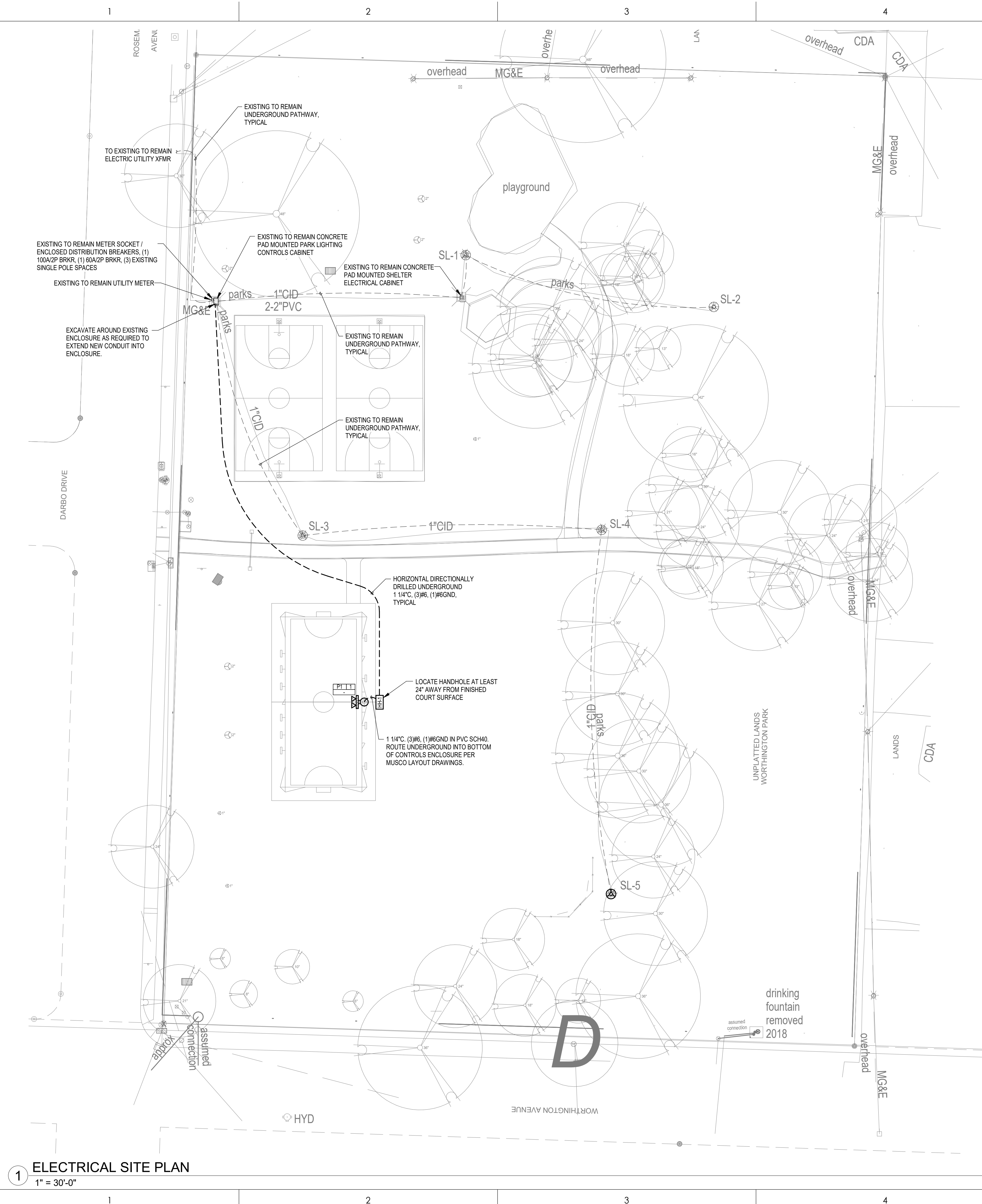
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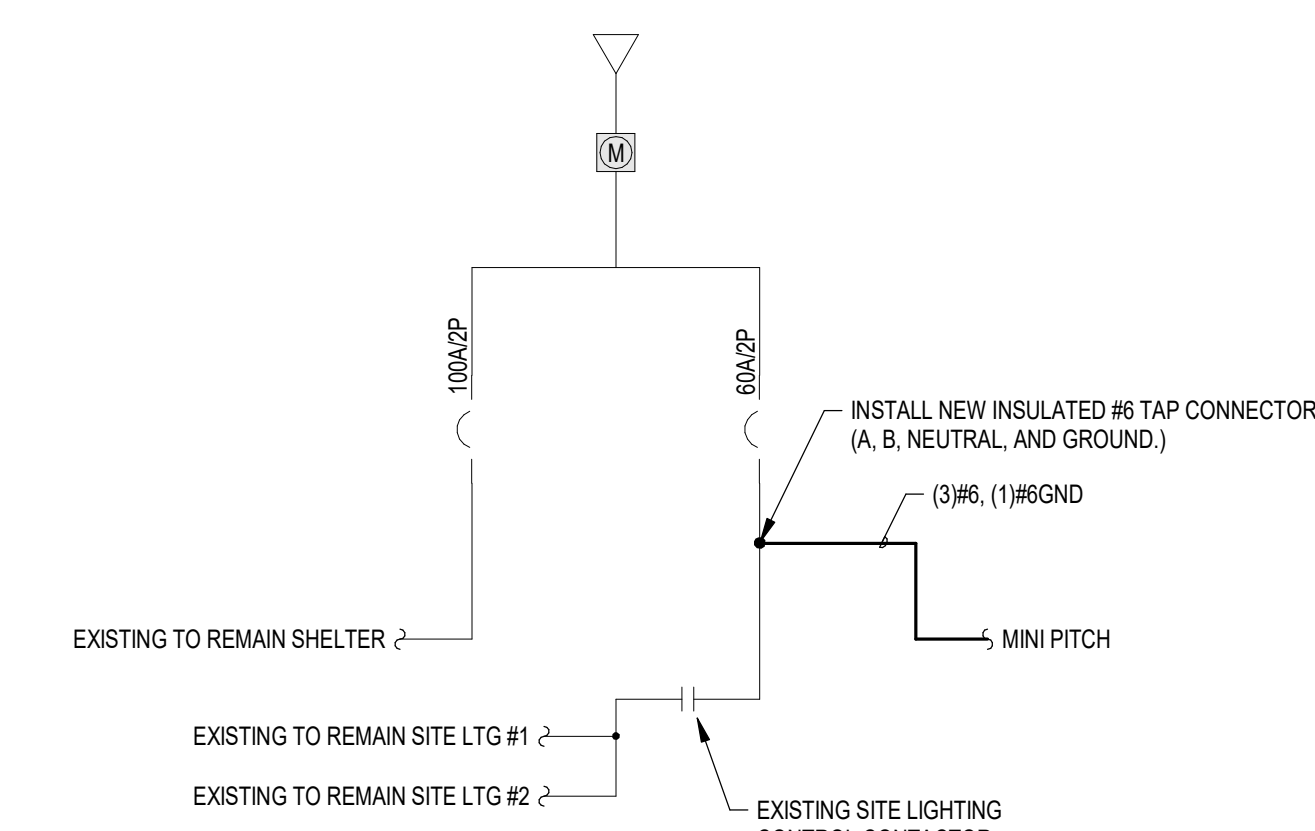
SHEET TITLE
ELECTRICAL SITE PLAN

E100

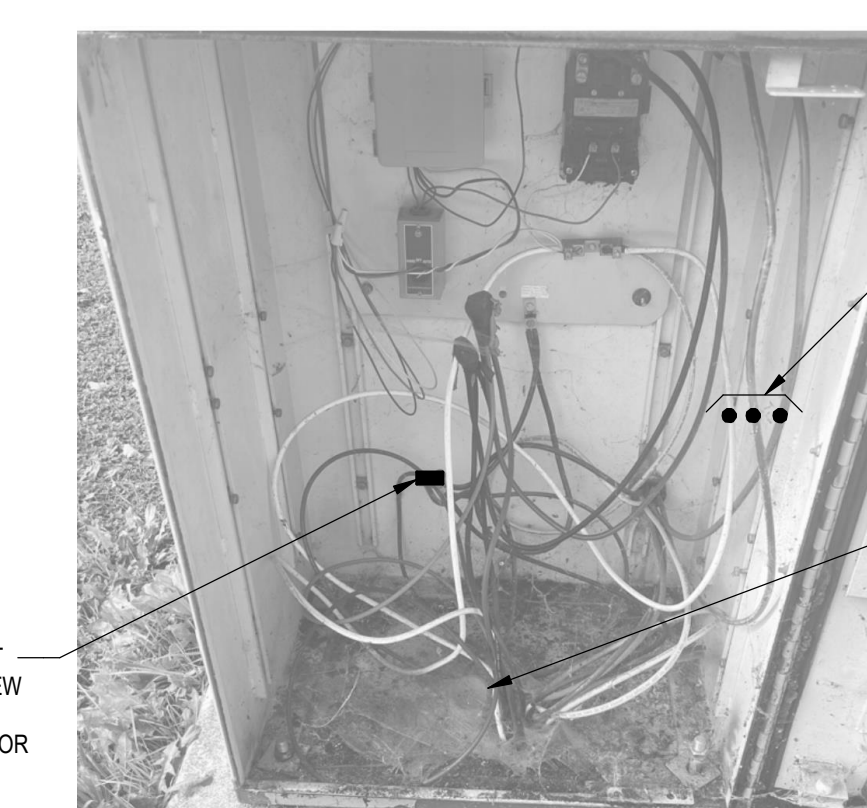
KEYED NOTES



1 ELECTRICAL SITE PLAN
1" = 30'-0"



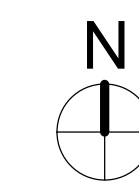
2 ELECTRICAL SCHEMATIC DIAGRAM
NOT TO SCALE



3 EXISTING PARK LIGHTING CONTROLS CABINET TAP DETAIL
NOT TO SCALE

NEW WORK KEY	
—	EXISTING
—	NEW / REVISED
■	EXISTING EQUIPMENT
■	NEW / REVISED EQUIPMENT

LIGHTING/SWITCHING KEY	
LIGHTING	
FIXTURE TYPE PER SCHEDULE	LIGHTING CONTROLS OPERATION SEQUENCE (0.1.2...) PER DETAILS SHEETS
XXXXX##	SWITCHING ZONE (a-b-c...)
XXXXX##	CIRCUIT DATA: PANEL NAME, CIRCUIT NUMBER (XXXX-##) OR CIRCUIT NOTE (E-#)
EM	EMERGENCY FIXTURE
LS	LIFE SAFETY
CR	CRITICAL
NL	NIGHT LIGHT
(COORDINATE CEILING MOUNTED DEVICES WITH ARCHITECTURAL REFLECTED CEILING PLAN)	
SWITCHING	
□#(x)(x)	LIGHTING CONTROL STATION
#X - INDICATES SWITCH CONTROLS. REFER TO LIGHTING CONTROL STATION CONFIGURATION DETAIL	
(x)(x) - INDICATES SWITCHING ZONE(S)	
## - DIMENSION INDICATES HEIGHT TO CENTER OF SWITCH ABOVE FINISH FLOOR (+#) TO CENTER IF NOT SHOWN	



SPORTS LIGHT FIXTURE SCHEDULE														
PLAN MARK	MANUFACTURERS AND MODEL NUMBERS	DESCRIPTION	LAMPS IN FIXTURE		DRIVER QTY.	LUMENS PER FIXTURE	COLOR (K)	MOUNTING HEIGHT	AIMING ZONE	CONTROL PNL CONTACTOR #	TOTAL WATTAGE	VOLTS	FIXTURE MOUNTING	NOTES
			QTY.	SIZE/TYPE										
P1	MUSCO TOTAL LIGHT CONTROL (TLC).	MULTI-HEAD SPORTS LIGHTER WITH 24' POLE	2	TLC-LED-550	2	67,000	5700	24'	FUTSAL COURT	-	1080	-	POLE	

KEY:
PS =PROGRAMMED RAPID START ND =NON-DIMMED 3W =3 WIRE DIMMED BF =BALLAST FACTOR
IS =INSTANT START 0-10 =0-10V DIMMED DA =DIGITAL ADDRESSABLE NA =NOT APPLICABLE

NOTES:
1. GENERAL ITEMS:
A. REFER TO MUSCO DRAWINGS FOR ADDITIONAL INFORMATION.

LIGHTING CONTROL SEQUENCE OF OPERATION								NOTES
OPERATION SEQUENCE	LIGHT LEVEL SET POINT	TIME DELAY	LIGHTING SEQUENCE			RECEPTACLE CONTROL	HVAC INTEGRATION	
			TRIGGER ON	DAY LIGHT CONTROLS	TRIGGER OFF			
1	N/A	N/A	MUSCO LIGHTING CONTROL CABINET	N/A	MUSCO LIGHTING CONTROL CABINET	N/A	N/A	SPORTS LIGHTING CONTROL CABINET SHALL BE PROGRAMMABLE ON/OFF (VIA CELLULAR INTERNET) FOR SCHEDULED EVENTS PER ZONE. OVERRIDE PUSHBUTTON(S) WHERE INDICATED ON PLANS SHALL BE AVAILABLE OUTSIDE THE TIME OF SCHEDULED EVENTS. PUSHBUTTON OVERRIDE SHALL TIMEOUT AFTER 2.5 HOURS. PUSHBUTTON OVERRIDE FUNCTION SHALL BE DISABLED AT CUREFEW PER CITY STANDARDS. COORDINATE EXACT TIME SETTINGS WITH OWNER. SEE CONTROLS MANUFACTURE (MUSCO) FOR RECOMMENDED OPERATIONS. REFER TO SPORTS LIGHT FIXTURE SCHEDULE FOR FIXTURE HEAD AIMING.

GENERAL NOTES:
A.
SPECIFIC NOTES:
1.

HAND HOLE SCHEDULE						
PLAN MARK	SIZE	DEPTH	TIER RATING	COVER IDENTIFICATION	QUAZITE SERIES	NOTES
HH-1	11"x18"	18"	15	ELECTRICAL	PG	

NOTES:
1. OPEN BOTTOM WITH MOUSE HOLES
2. REFER TO SPECIFICATION 26 05 33 RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS FOR ADDITIONAL INFORMATION

