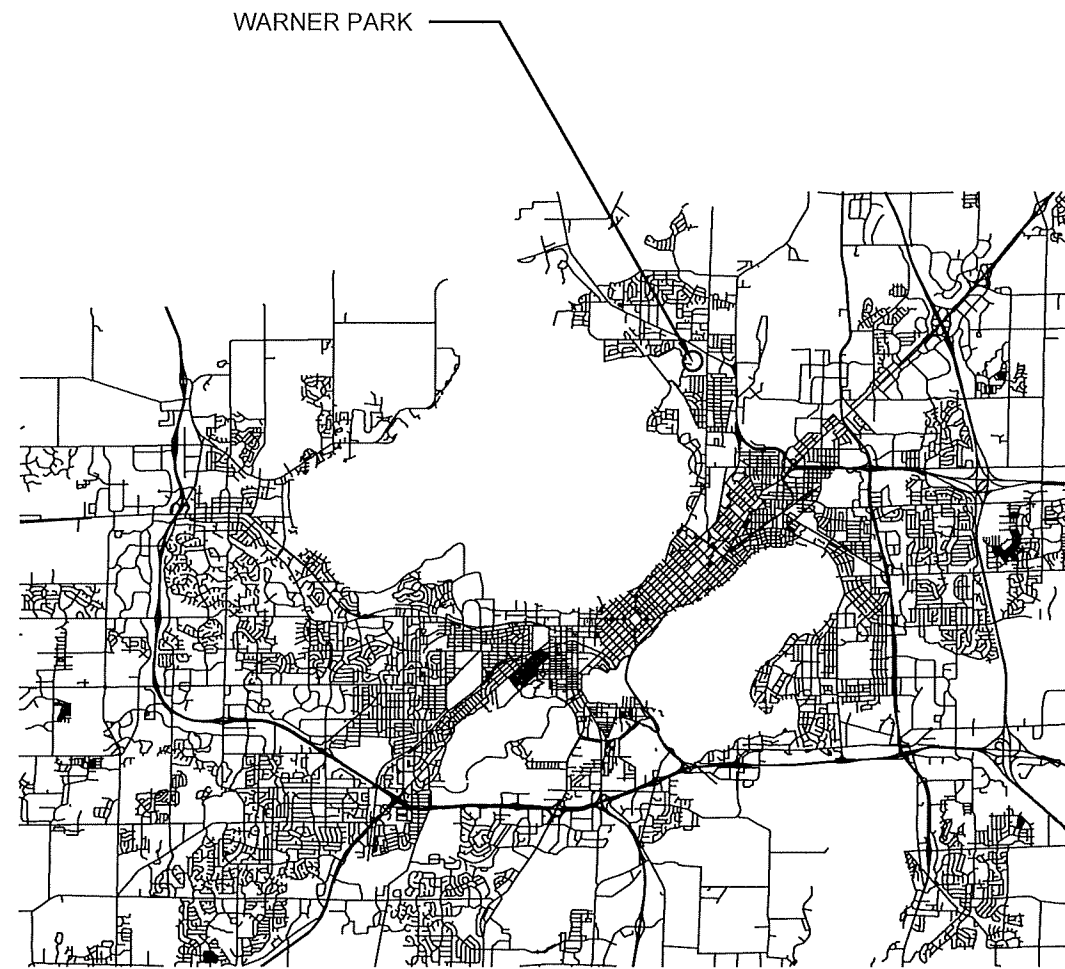


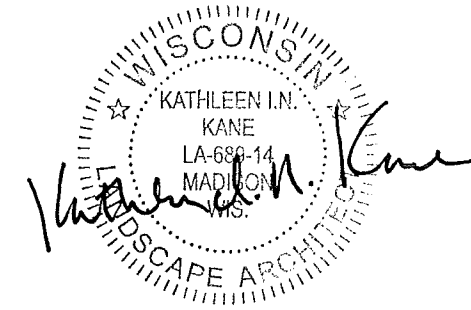
LEGEND

- EX. ELECTRICAL HAND HOLE
- ⊗ EX. ELECTRICAL PEDESTAL
- EX. TELEPHONE PEDESTAL
- ⊗ EX. TREE
- ⊗ EX. WATER HYDRANT
- EX. WATER VALVE
- EX. PROPERTY LINE
- EX. EASEMENT
- x- EX. FENCE LINE
- ~~~~~ EX. TREE LINE
- EX. CONTOUR (INDEX)
- EX. CONTOUR (INTER)
- EX. ABANDONED UTILITY
- E— EX. ELECTRIC
- FO— EX. FIBER OPTIC
- G— EX. NATURAL GAS
- OH— EX. OVERHEAD LINE
- SN— EX. SANITARY SEWER
- ST— EX. STORM SEWER
- TV— EX. CABLE TV
- T— EX. UNDERGROUND TELEPHONE
- W— EX. WATER LINE
- ▨ EX. GRAVEL
- ▩ EX. CONCRETE
- PRO. H INLET
- ### ⊗ PRO. SPOT ELEVATION
- PRO. CONTOUR (INDEX)
- PRO. CONTOUR (INTER)
- x- PRO. FENCE
- PRO. GRADING LIMITS
- PRO. SILT SOCK
- PRO. CONSTRUCTION FENCE
- ST— PRO. STORM SEWER
- ▭ PRO. ASPHALT
- ▭ PRO. CONCRETE
- ▨ PRO. CONSTRUCTION ENTRANCE
- ▨ REMOVE EX. TOPSOIL

2022 WARNER PARK INCLUSIVE PLAYGROUND CONTRACT 9188 MUNIS NO. 13935-51-130



DESIGNED BY:



City of Madison
Department of Public Works
PARKS DIVISION
City-County Building, Suite 104
210 Martin Luther King, Jr. Blvd.
Madison, WI 53703

play
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PARKS**



SHEET SCHEDULE

1 WARNER PARK

- 1.1 PROJECT LOCATION AND SITE ACCESS
- 1.2 EXISTING CONDITIONS
- 1.3 DEMOLITION AND SITE PLAN
- 1.4 EQUIPMENT LAYOUT PLAN
- 1.5 SITE PLAN
- 1.6 GRADING AND EROSION CONTROL PLAN
- 1.7 DESIGN COMPUTATIONS

2 DETAILS

- 2.1 POURED-IN-PLACE PLAYGROUND SURFACING
- 2.2 ORNAMENTAL FENCE

PROJECT:

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
ADVERTISED TO BID: KK	2022-05-26

PUBLIC WORKS PROJECT #:
9188

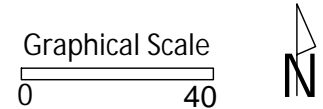
SHEET TITLE:
COVER SHEET

SHEET NUMBER:



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PROJECT:
**2022 WARNER PARK
 INCLUSIVE
 PLAYGROUND**

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

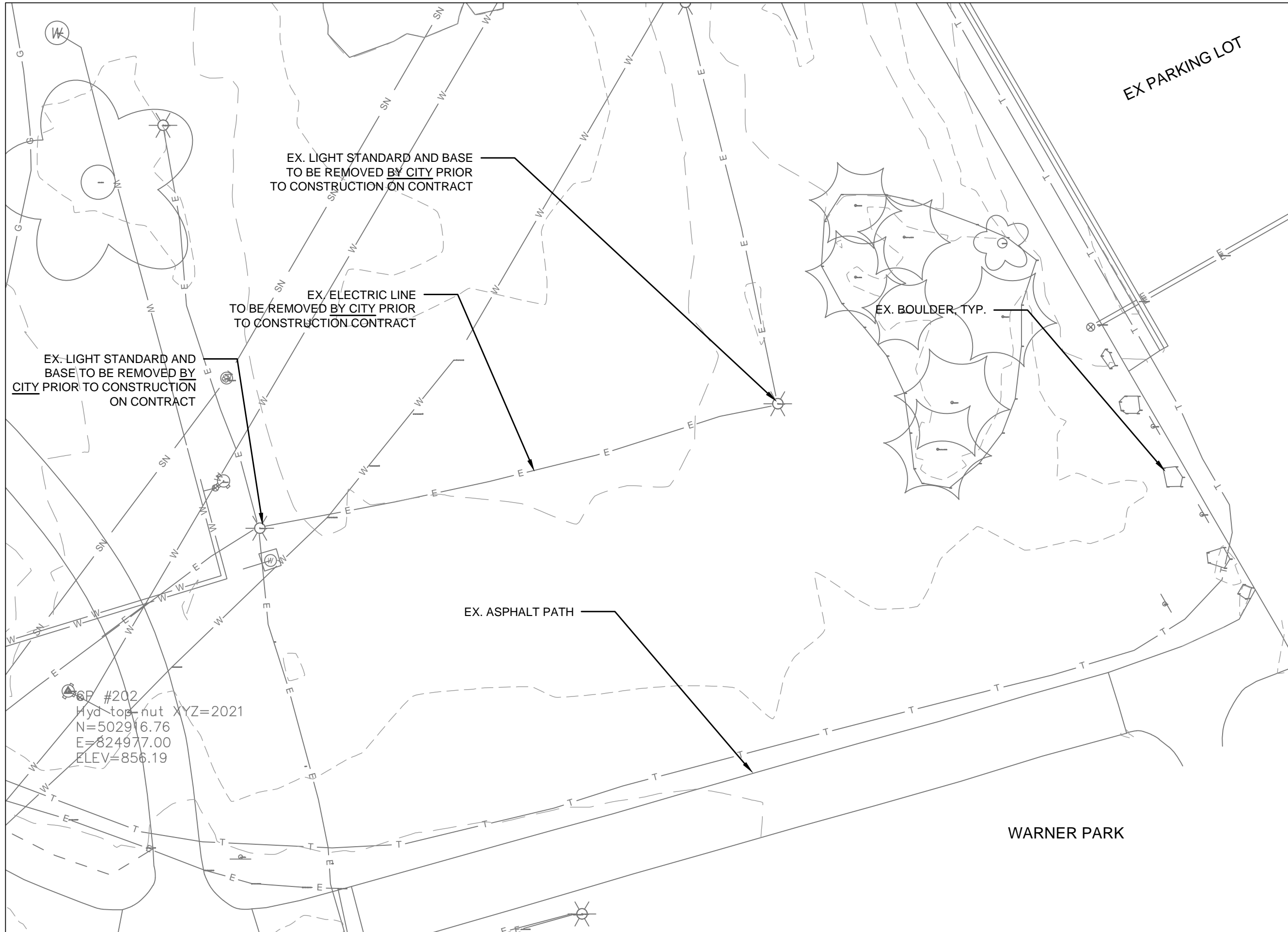
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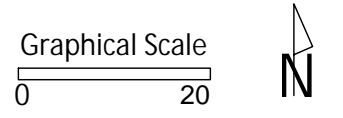
PUBLIC WORKS PROJECT #:
9188

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

SHEET NUMBER:
1.1



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PROJECT:
**2022 WARNER PARK
 INCLUSIVE
 PLAYGROUND**

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

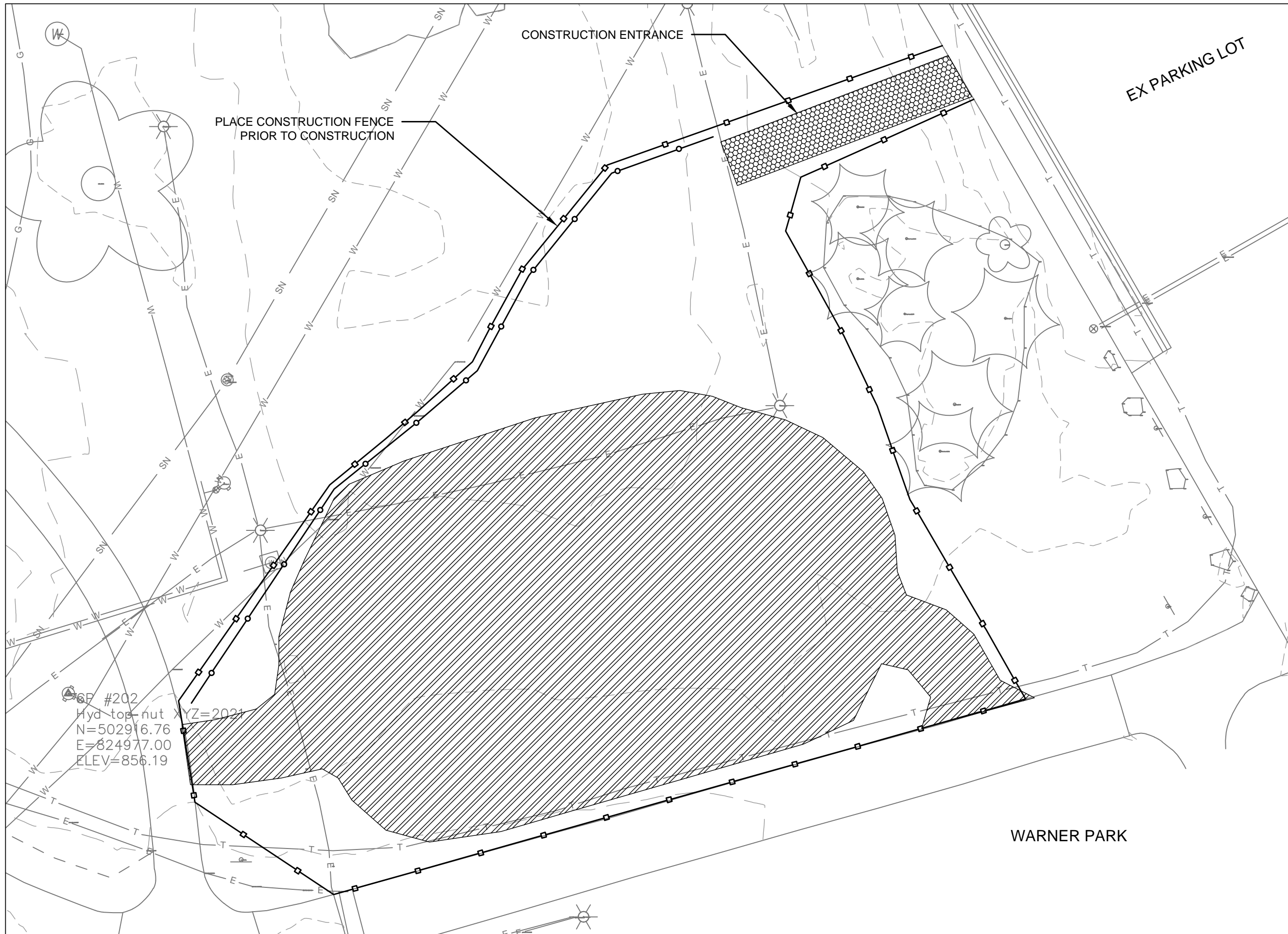
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PUBLIC WORKS PROJECT #:
9188

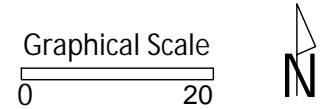
SHEET TITLE:
EXISTING CONDITIONS

SHEET NUMBER:
1.2



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PROJECT:
**2022 WARNER PARK
 INCLUSIVE
 PLAYGROUND**

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

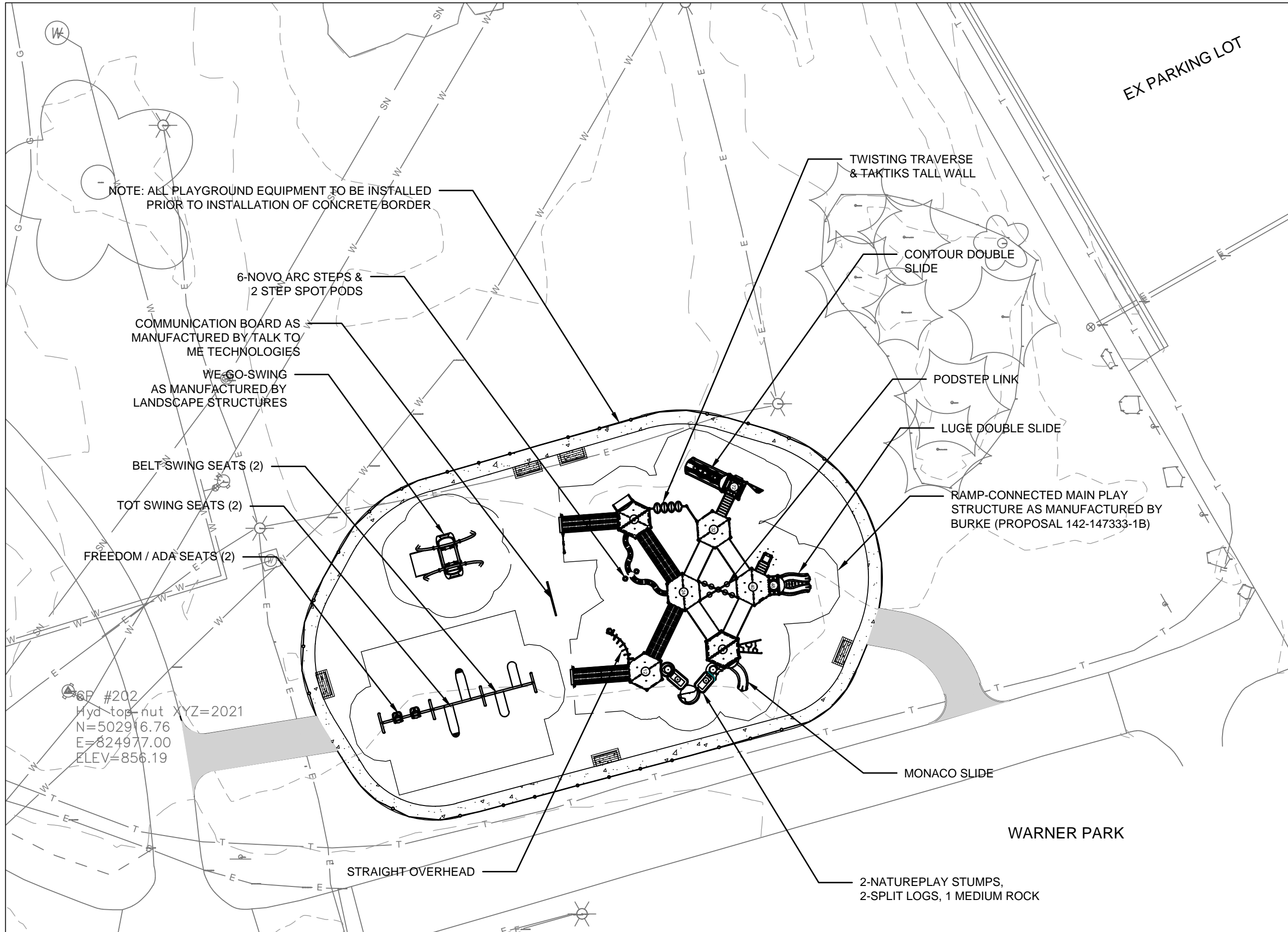
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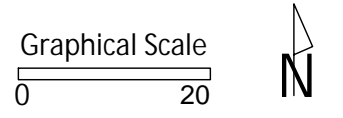
SHEET TITLE:
**DEMOLITION AND
 SITE PLAN**

SHEET NUMBER:
1.3



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PROJECT:
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 INCLUSIVE
 PLAYGROUND**

PROJECT ADDRESS:
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 2930 N SHERMAN AVE
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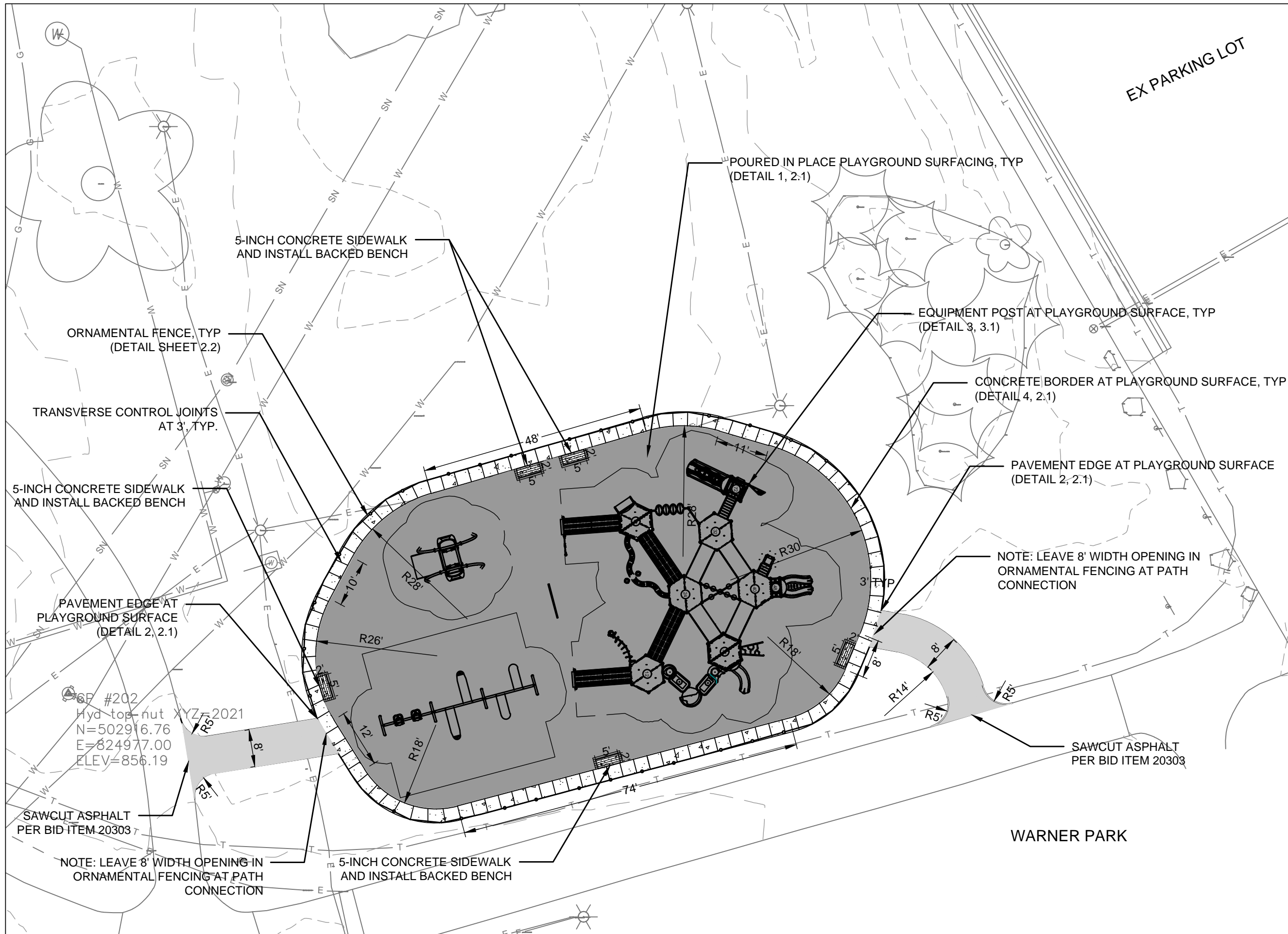
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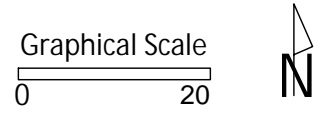
PUBLIC WORKS PROJECT #:
9188

SHEET TITLE:
**EQUIPMENT
 LAYOUT PLAN**

SHEET NUMBER:
1.4



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PROJECT:
**2022 WARNER PARK
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 PLAYGROUND**

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

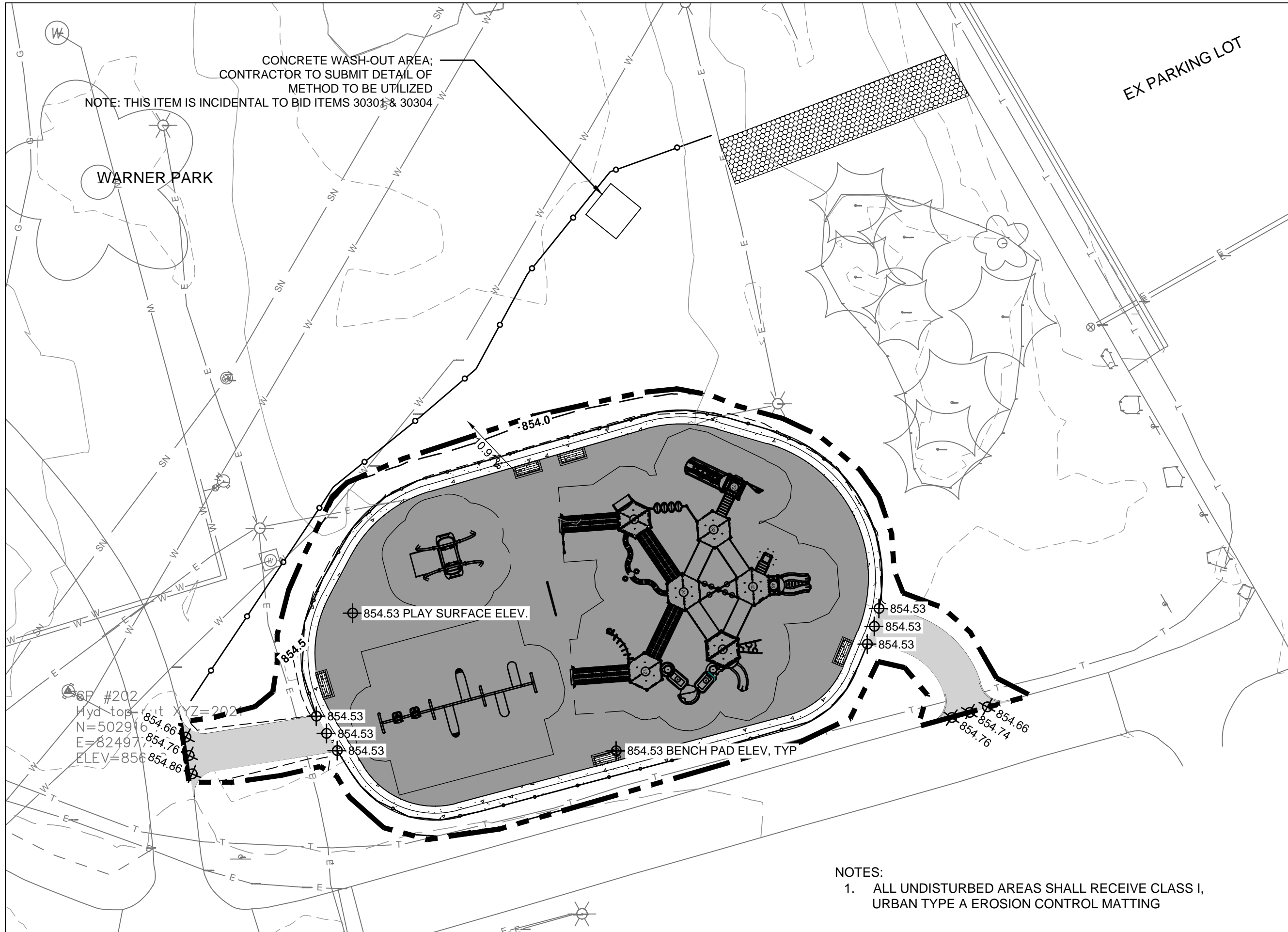
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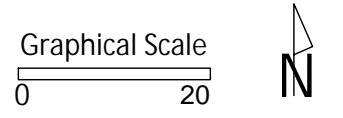
PUBLIC WORKS PROJECT #:
9188

SHEET TITLE:
SITE PLAN

SHEET NUMBER:
1.5



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Madison, WI 53703



PROJECT:
**2022 WARNER PARK
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PLAYGROUND**

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

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ITEM	DATE
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PUBLIC WORKS PROJECT #:
9188

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

SHEET NUMBER:
1.6

- NOTES:
- ALL UNDISTURBED AREAS SHALL RECEIVE CLASS I, URBAN TYPE A EROSION CONTROL MATTING



PROJECT:

**2022 WARNER PARK
 INCLUSIVE
 PLAYGROUND**

PROJECT ADDRESS:

**WARNER PARK
 2930 N SHERMAN AVE
 MADISON, WI 53704**

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ITEM	DATE
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PUBLIC WORKS PROJECT #:
9188

SHEET TITLE:
**DESIGN
 COMPUTATIONS**

SHEET NUMBER:
1.7

Warner Park Inclusive Playground - Earthwork Quantities

City of Madison, WI Public Works Contract 9188
 Date Revised: 5/13/2022

Notes

Positive volumes are cuts, negative volumes are fills.
 Not all parts of all surface models (Digital Terrain Models) are used for computations or intended for actual construction.

Existing Warner_Survey2021-09-14_Shelter.dwg
 Proposed 2022 Warner Inclusive PG_Volume.dwg

Grp	Material	Item	From Surface Model	To Surface Model	area (sq ft)	depth (ft)	Unfac-tored volume (cu ft)	Unfac-tored volume (cu yd)	Expan-sion Factor (%)	Factored (Uncom-pacted) Volume (cu yd)
Grass to Asphalt	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	571	0.50	286	10.6	0%	10.6
Grass to Asphalt	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-12in	571	varies	224	8.3	0%	8.3
Grass to Asphalt	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-12in	571	varies	0	0.0	0%	0.0
Grass to Asphalt	Gravel (Path) Place	Place 9in gravel base, out to 6in from asphalt edge	n/a	n/a	571	-0.75	-428	-15.9	0%	-15.9
Grass to Asphalt	Asphalt Place	Place 3in asphalt	n/a	n/a	506	-0.25	-127	-4.7	0%	-4.7
Grass to Asphalt	Topsoil Place	Place 3in topsoil on 6in wide gravel edge	n/a	n/a	65	-0.25	-16	-0.6	0%	-0.6
Grass to Concrete	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	1035	0.50	517.50	19.2	0%	19.2
Grass to Concrete	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-11in	1035	varies	316.72	11.7	0%	11.7
Grass to Concrete	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-11in	1035	varies	-48.63	-1.8	0%	-1.8
Grass to Concrete	Gravel (for concrete edge) Place	Place 6in gravel base out to 6in from pavement edge	n/a	n/a	1035	-0.50	-517.50	-19.2	0%	-19.2
Grass to Concrete	Concrete Place	Place 5in concrete	n/a	n/a	1035	-0.42	-431.28	-16.0	0%	-16.0
Grass to Grass	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	1813	0.50	906.50	33.6	0%	33.6
Grass to Grass	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-6in	1813	varies	70.29	2.6	0%	2.6
Grass to Grass	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-6in	1813	varies	-214.93	-8.0	0%	-8.0
Grass to Grass	Topsoil Place	Place 6in topsoil	n/a	n/a	1813	-0.50	-906.50	-33.6	0%	-33.6
Grass to Play Surface	Topsoil Excavate	Strip 6in topsoil	n/a	n/a	7042	0.50	3521	130.4	0%	130.4
Grass to Play Surface	Subsoil Excavate	Cut subsoil to proposed subgrade	Ex-6in	Pro-8in	7042	varies	526	19.5	0%	19.5
Grass to Play Surface	Subsoil Place	Fill subsoil to proposed subgrade	Ex-6in	Pro-8in	7042	varies	-726	-26.9	0%	-26.9
Grass to Play Surface	Gravel (for Play Surface) Place	Place 4in gravel	n/a	n/a	7042	-0.33	-2324	-86.1	0%	-86.1
Grass to Play Surface	Play Surface Place	Place 4in PIP play surface	n/a	n/a	7042	-0.33	-2324	-86.1	0%	-86.1

Warner Park Playground - Earthwork Quantities

City of Madison, WI Public Works Contract #9188
 Date Revised: 5/13/2022

Derived from more detailed spreadsheet available from Parks Div

Computation Summary

Positive volumes are cuts (material available),
 negative volumes are fills (material needed)

Row Labels	Sum of Unfac-tored volume (cu yd)
Asphalt Place	-4.7
Play Surface Place	-86.1
Subsoil Excavate	42.1
Subsoil Place	-36.7
Topsoil Excavate	193.7
Topsoil Place	-34.2
Concrete Place	-16.0
Gravel (Path) Place	-15.9
Gravel (for concrete edge) Place	-19.2
Gravel (for Play Surface) Place	-86.1
Grand Total	-62.8

Bid Item	Quantity	Units	Relation to Table Above
20101 Excavation Cut	236	CY	= Subsoil Excavate + Topsoil Excavate
20202 Fill Borrow	5	CY	= Subsoil Excavate + Subsoil Place
20221 Topsoil	205	SY	= (Topsoil Place) - 167
40102 Crushed Aggregate Base Course Gradation No. 2 & 3	242	tons	+ Gravel for Playsurface Place + Gravel for Concrete Edge Place) * -2 ton/cubic yard
40202 HMA Pavement 4 LT 58-28 S	10.0	tons	= Asphalt Place * -2.16 ton/cubic yard
90002 Playground Surfacing - Poured-In-Place Rubber	95	CY	= Play Surface Place * -1.10

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PROJECT:

**2022 WARNER PARK
 INCLUSIVE
 PLAYGROUND**

PROJECT ADDRESS:

**WARNER PARK
 2930 N SHERMAN AVE
 MADISON, WI 53704**

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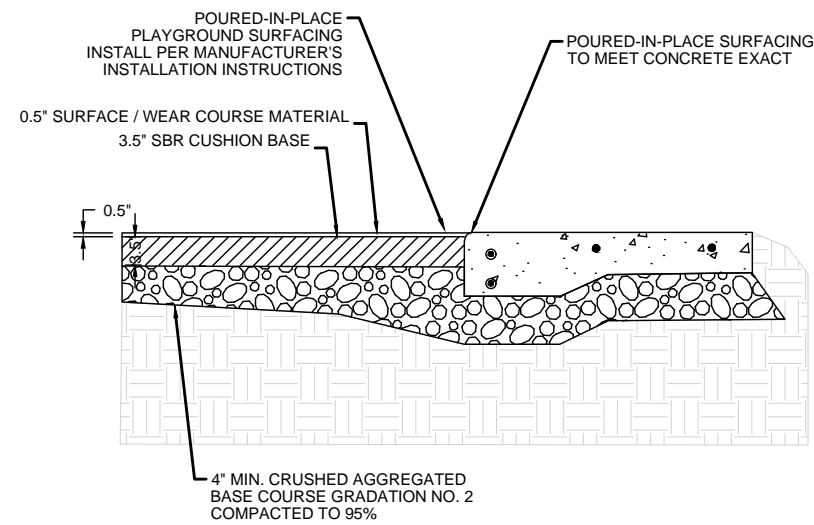
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PUBLIC WORKS PROJECT #:
9188

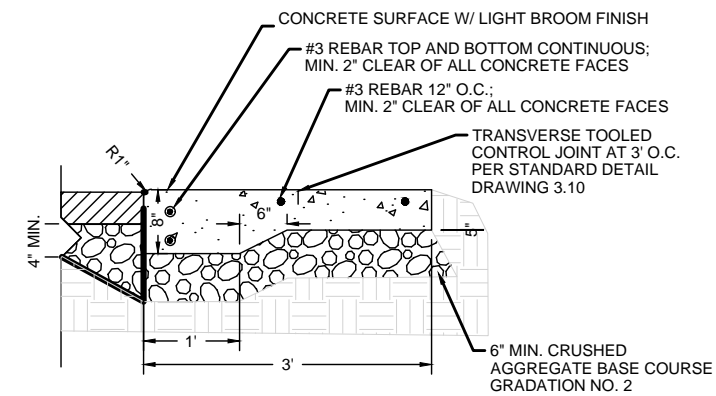
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**POURED IN PLACE
 SURFACING DETAILS**

SHEET NUMBER:

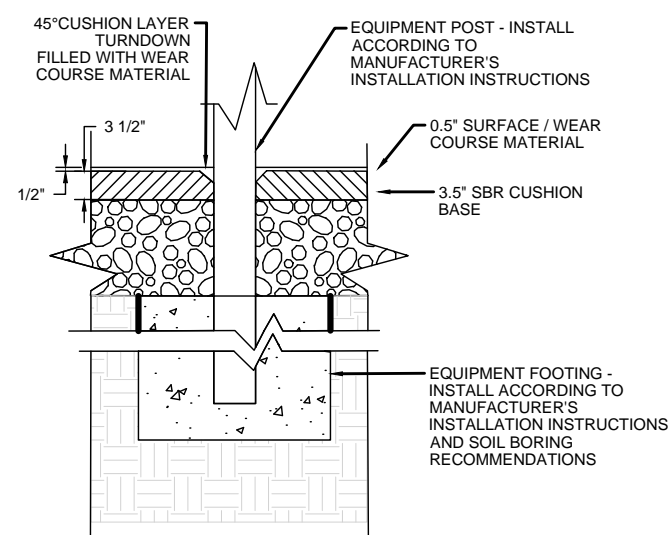
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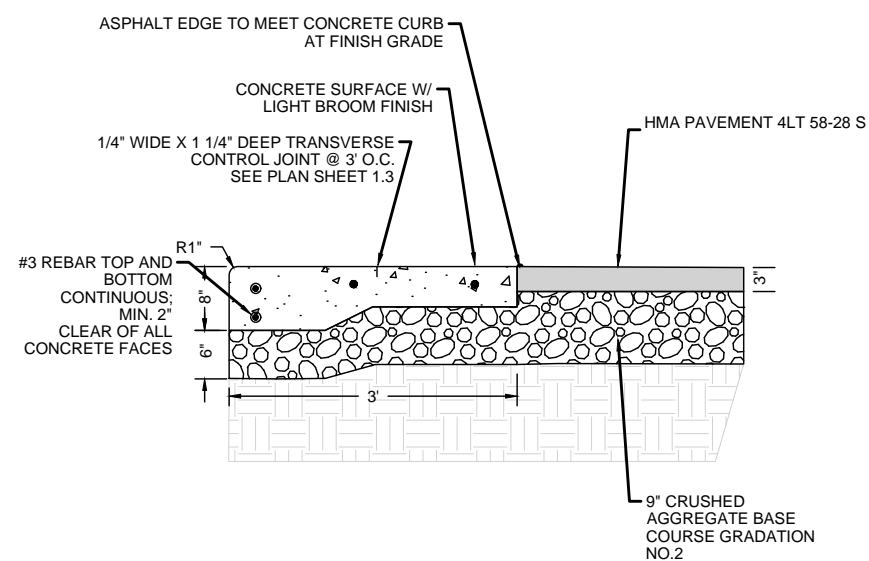
1 *POURED IN PLACE PLAYGROUND SURFACING*



2 *PAVEMENT EDGE AT PLAYGROUND SURFACE*



3 *EQUIPMENT POST AT PLAYGROUND SURFACE*



4 *CONCRETE BORDER AT PLAYGROUND SURFACE*

NOTE:
 PRODUCT SHOWN IS MONTAGE II MAJESTIC STEEL PANEL
 AS MANUFACTURED BY
 AMERISTAR
 1555 N. MINGO TULSA, OK 74116
 WWW.AMERISTARFENCE.COM

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PROJECT:

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PUBLIC WORKS PROJECT #:
9188

SHEET TITLE:
*ORNAMENTAL FENCE
 DETAIL*

SHEET NUMBER:
2.2

