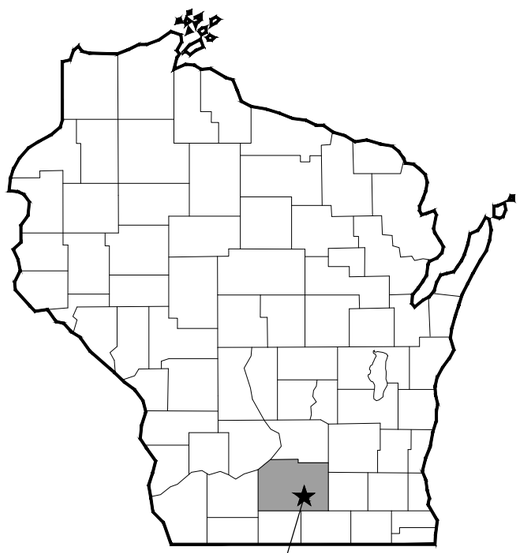
PRELIMINARY - NOT FOR CONSTRUCTION

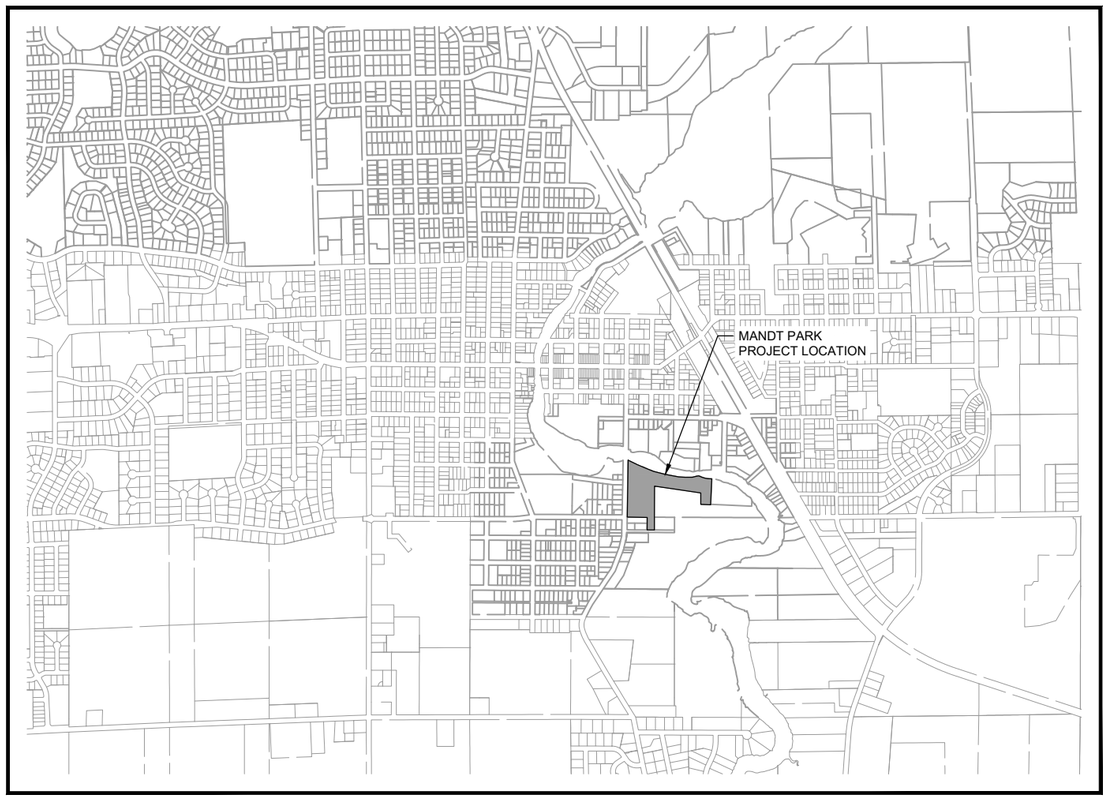
MANDT PARK IMPROVEMENTS

FOR THE

CITY OF STOUGHTON
DANE COUNTY, WISCONSIN



AREA MAP
NO SCALE



PROJECT LOCATION MAP
NO SCALE

DRAWING LIST

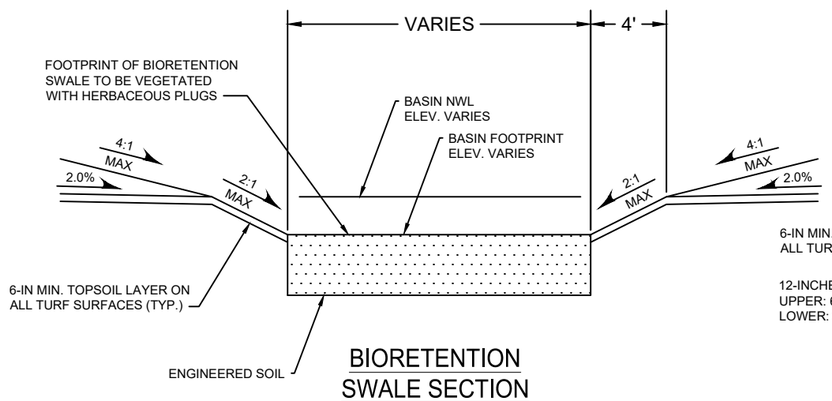
SHEET NO.	SHEET TITLE
1	TITLE SHEET
2	TYPICAL SECTIONS
3	PROJECT OVERVIEW
4	DEMOLITION AND REMOVAL PLAN
5-9	GRADING PLANS
10	RESTROOM FACILITY - FLOOR PLAN
11	SITE RESTORATION PLAN

Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715
608-251-4843
www.strand.com

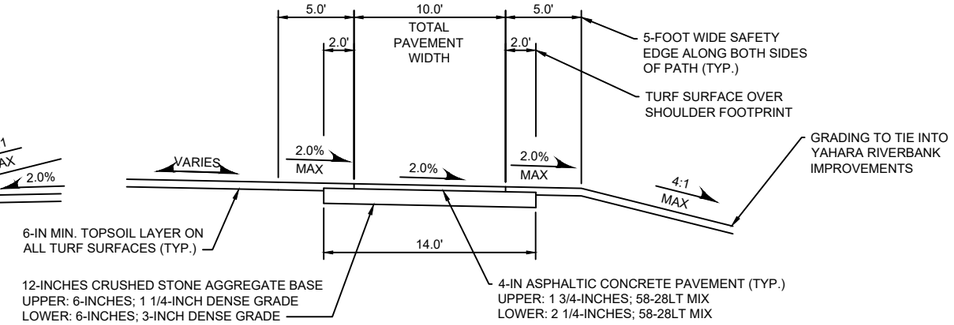
CONTRACT: 1-2024

STRAND ASSOCIATES®

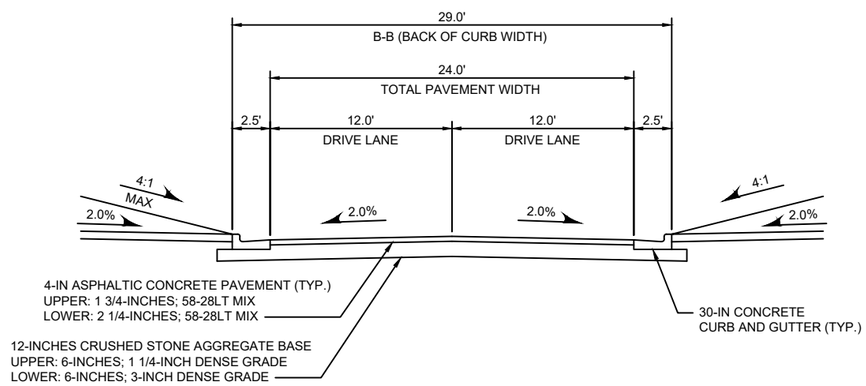
SHEET
1



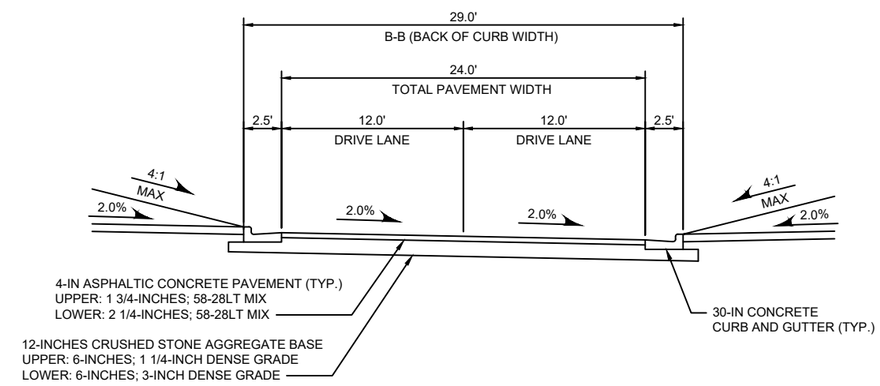
BIORETENTION SWALE SECTION



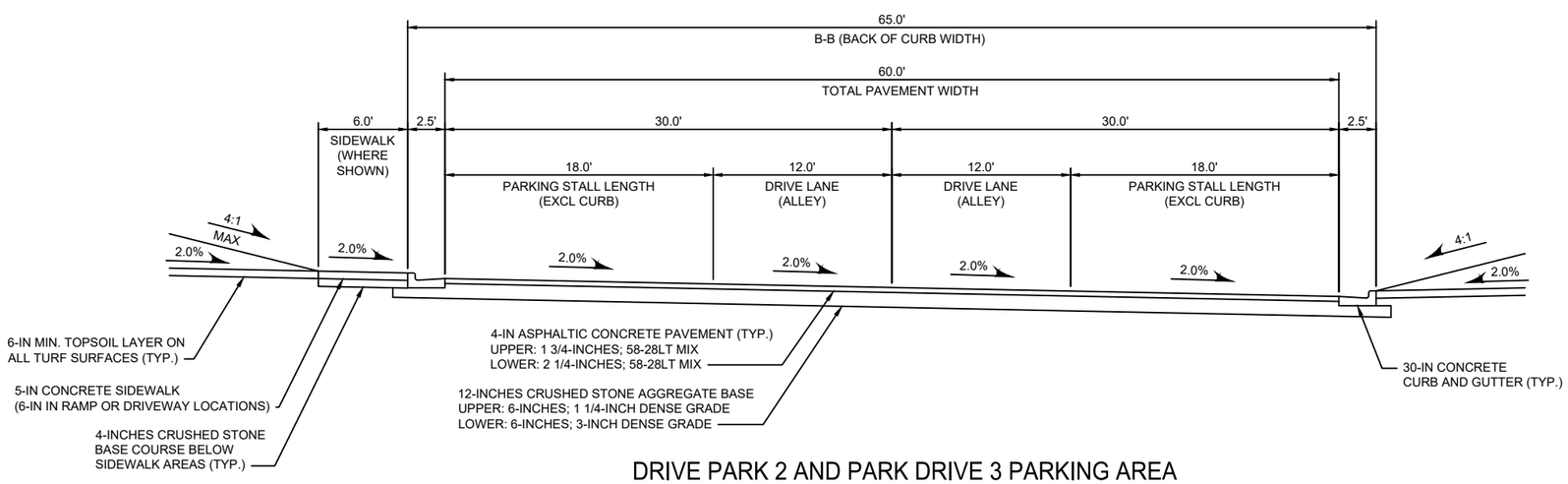
MULTI-USE PATH TYPICAL SECTION



PARK DRIVE 1 TYPICAL SECTION



PARK DRIVE 2 AND PARK DRIVE 3 TYPICAL SECTION



DRIVE PARK 2 AND PARK DRIVE 3 PARKING AREA TYPICAL SECTION

NO.	REVISIONS	DATE:

TYPICAL SECTIONS

MANDT PARK IMPROVEMENTS
PHASE 1
CIYT OF STOUGHTON
DANE COUNTY, WISCONSIN

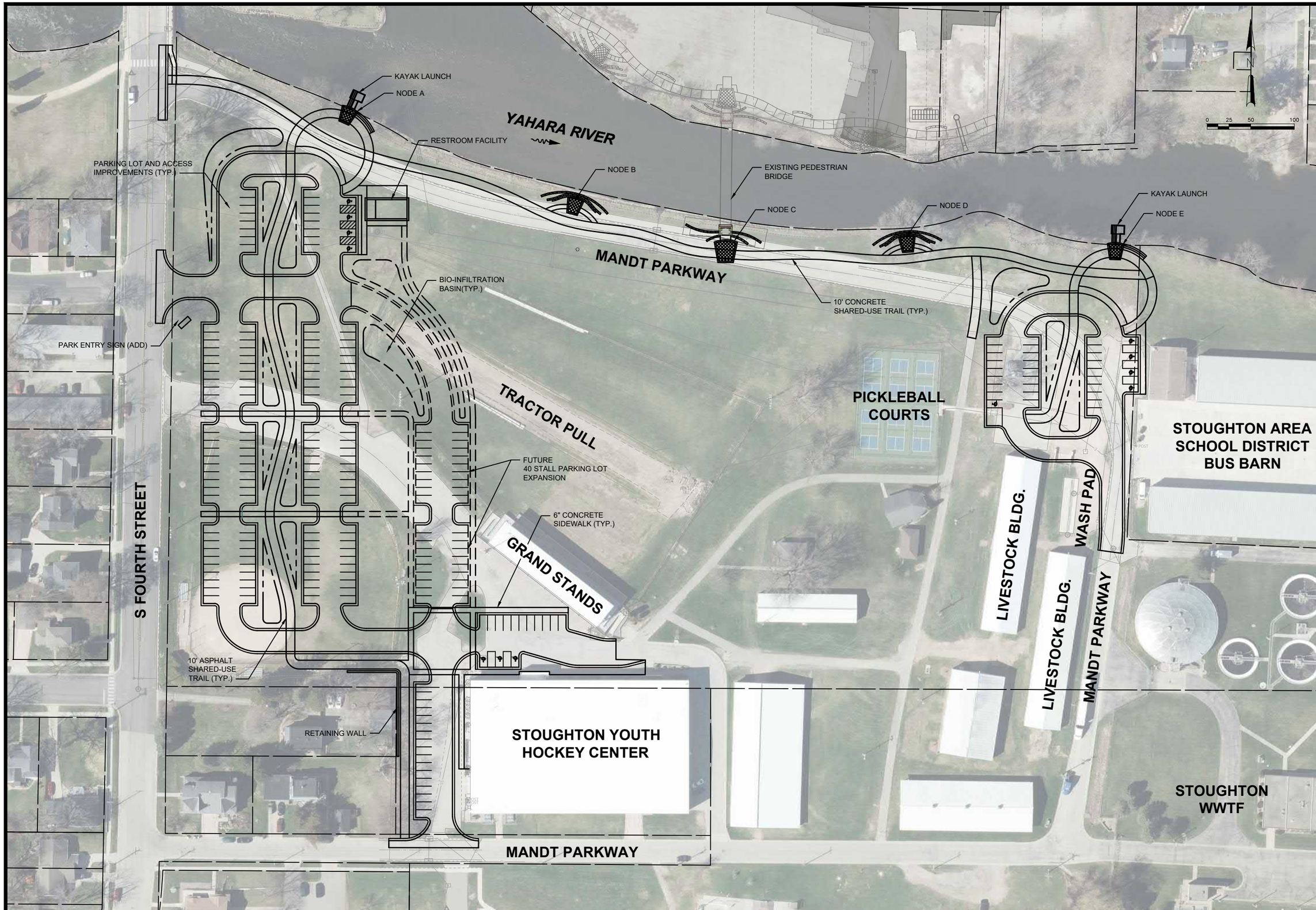
JOB NO. 1040.138

PROJECT MGR. ZRS

STRAND ASSOCIATES®

SHEET 2

File: S:\MAD\1000--1099\1040\138\Drawings\CAD\Civil 3d\SheetsPlan\Typical Sections.dwg Time: Jan 26, 2022 - 2:05pm



NO.	REVISIONS	DATE:

MANDT PARK PROJECT OVERVIEW

MANDT PARK IMPROVEMENTS
PHASE 1
CIYT OF STOUGHTON
DANE COUNTY, WISCONSIN

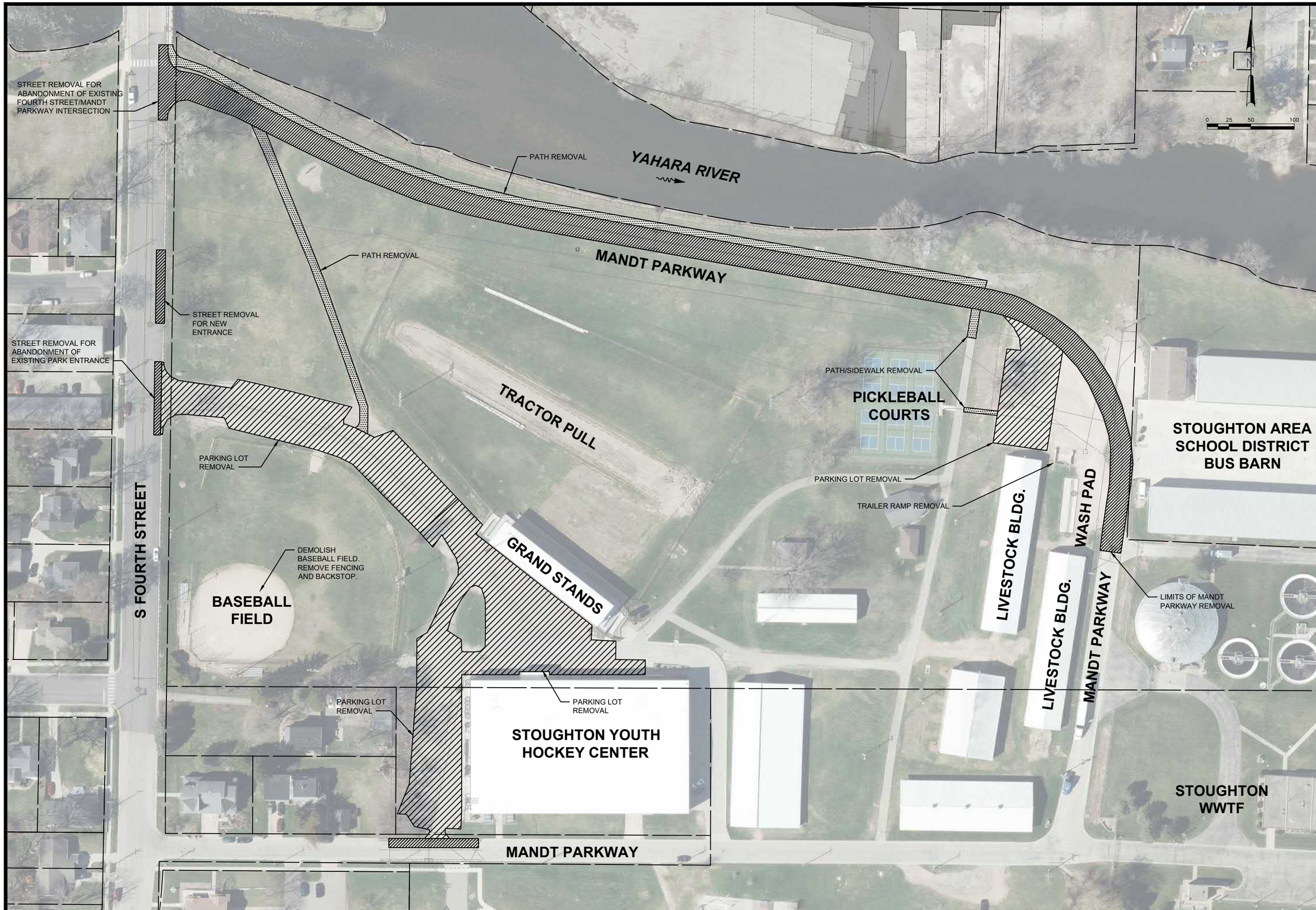
JOB NO.
1040.138

PROJECT MGR.
ZRS

STRAND ASSOCIATES®

SHEET
3

File: S:\MAD\1000--1099\1040\138\Drawings\CAD\Civil 3d\SheetsPlan\Mandt Park_Overview Plan.dwg Time: Jan 26, 2022 – 2:06pm



NO.	REVISIONS	DATE:

MANDT PARK
DEMOLITION AND REMOVAL PLAN

MANDT PARK IMPROVEMENTS
PHASE 1
CIYT OF STOUGHTON
DANE COUNTY, WISCONSIN

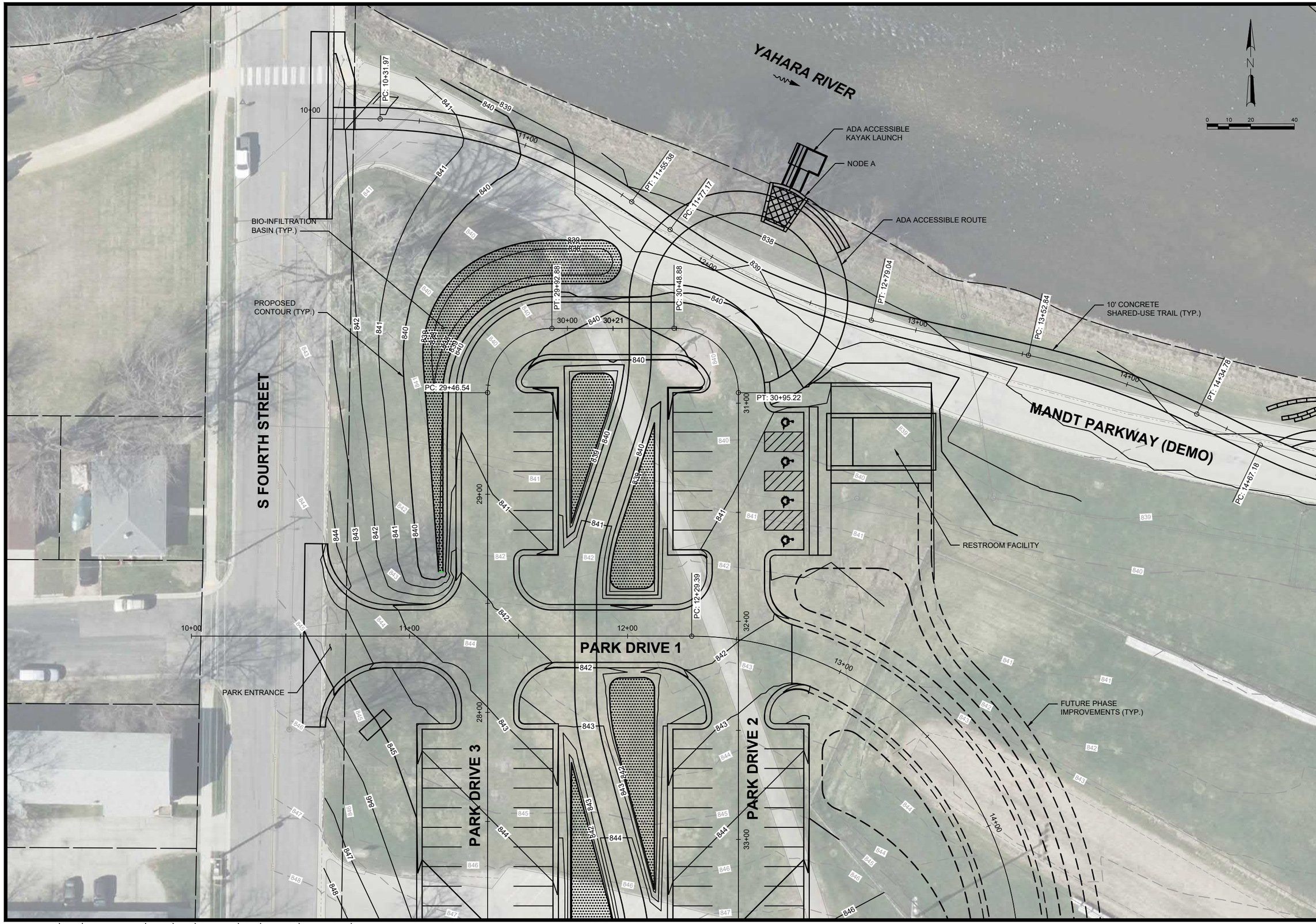
JOB NO.
1040.138

PROJECT MGR.
ZRS

STRAND ASSOCIATES®

SHEET
4

File: S:\MAD\1000--1099\1040\138\Drawings\CAD\Civil 3d\SheetsPlan\Mandt Park_Demo Plan.dwg Time: Jan 26, 2022 - 2:06pm



NO.	REVISIONS	DATE:

MANDT PARK
GRADING PLAN - 1

MANDT PARK IMPROVEMENTS
PHASE 1
CIYT OF STOUGHTON
DANE COUNTY, WISCONSIN

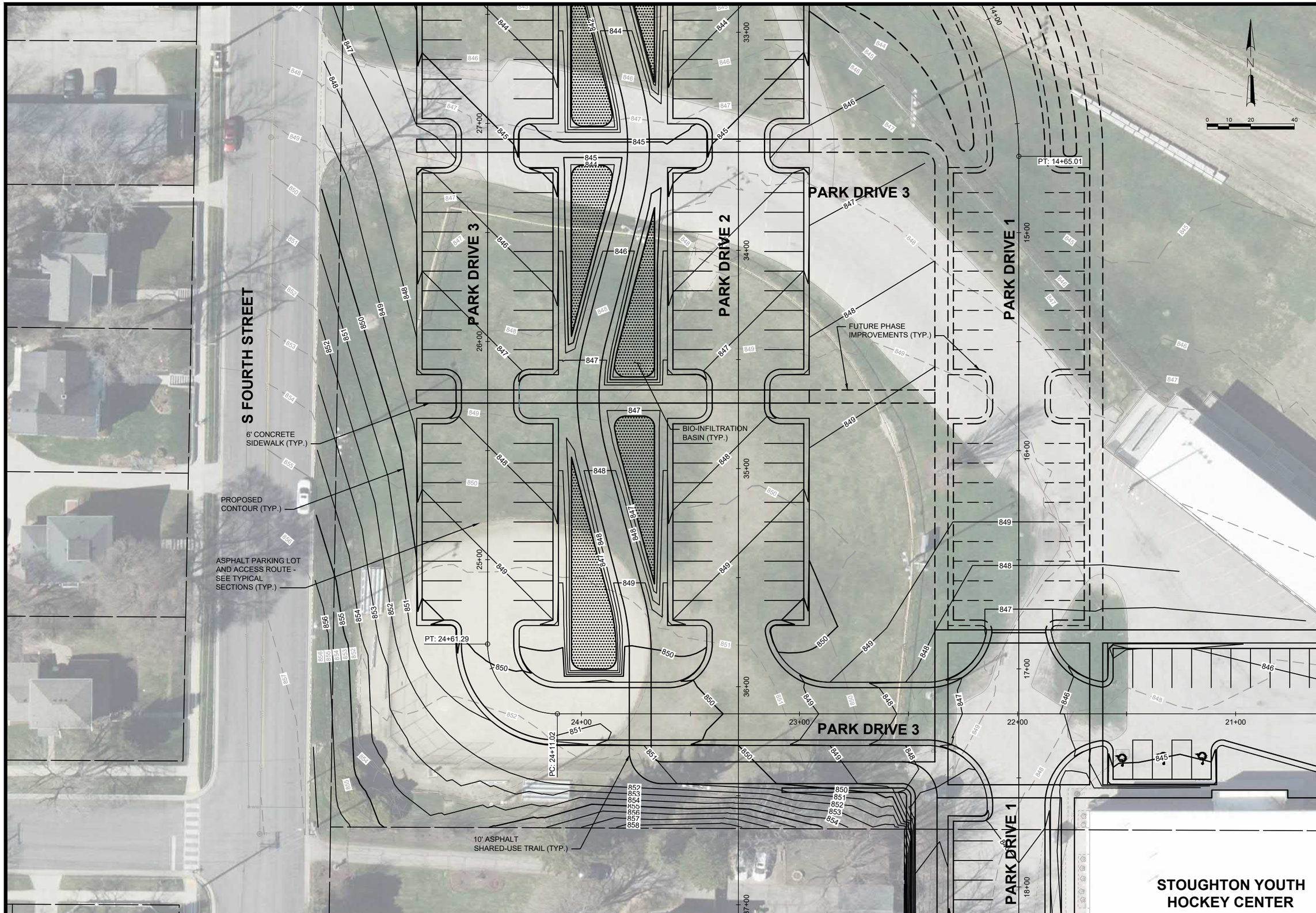
JOB NO.
1040.138

PROJECT MGR.
ZRS

STRAND ASSOCIATES®

SHEET
5

File: S:\MAD\1000--1099\1040\138\Drawings\CAD\Civil 3d\SheetsPlan\Mandt Park_Grading Plans.dwg Time: Jan 26, 2022 - 2:07pm



NO.	REVISIONS	DATE:

MANDT PARK GRADING PLAN - 2

MANDT PARK IMPROVEMENTS
PHASE 1
CIYT OF STOUGHTON
DANE COUNTY, WISCONSIN

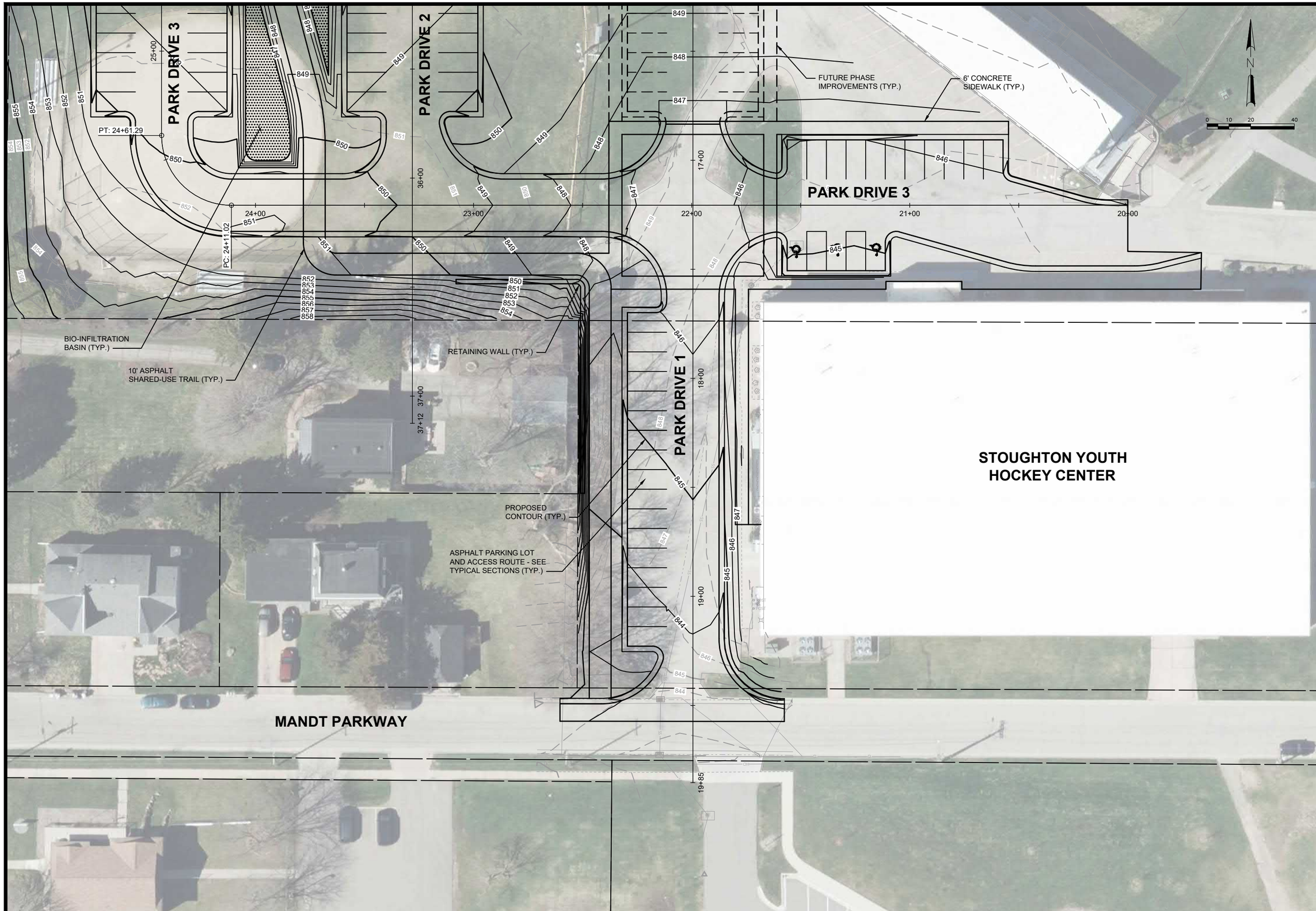
JOB NO. 1040.138

PROJECT MGR. ZRS

STRAND ASSOCIATES®

SHEET 6

File: S:\MAD\1000--1099\1040\138\Drawings\CAD\Civil 3d\SheetsPlan\Mandt Park_Grading Plans.dwg Time: Jan 26, 2022 – 2:07pm



NO.	REVISIONS	DATE:

MANDT PARK GRADING PLAN - 3

MANDT PARK IMPROVEMENTS
PHASE 1
CIYT OF STOUGHTON
DANE COUNTY, WISCONSIN

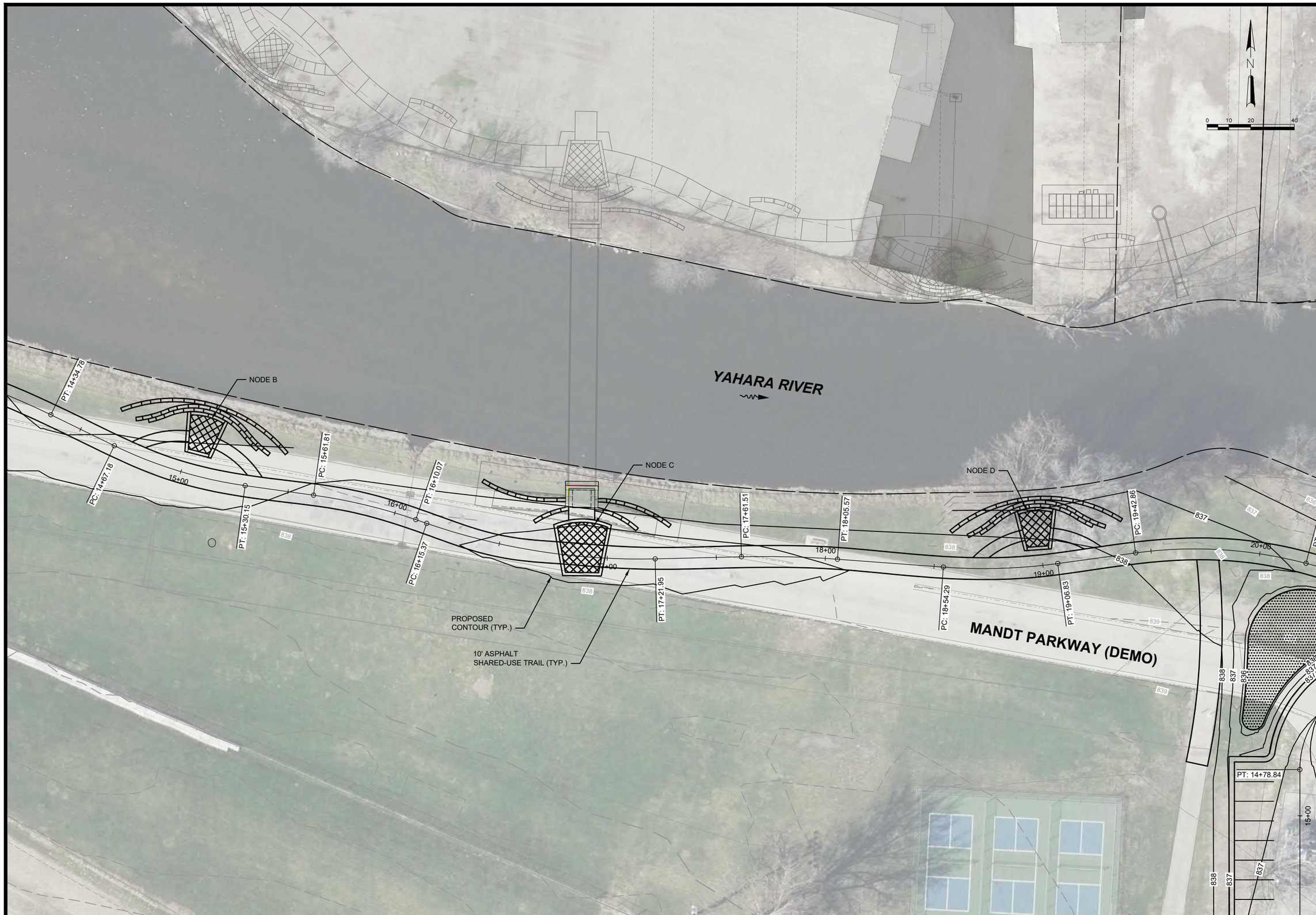
JOB NO. 1040.138

PROJECT MGR. ZRS

STRAND ASSOCIATES®

SHEET 7

File: S:\MAD\1000--1099\1040\138\Drawings\CAD\Civil 3d\SheetsPlan\Mandt Park_Grading Plans.dwg Time: Jan 26, 2022 - 2:07pm



NO.	REVISIONS	DATE:

MANDT PARK
GRADING PLAN - 4

MANDT PARK IMPROVEMENTS
PHASE 1
CIYT OF STOUGHTON
DANE COUNTY, WISCONSIN

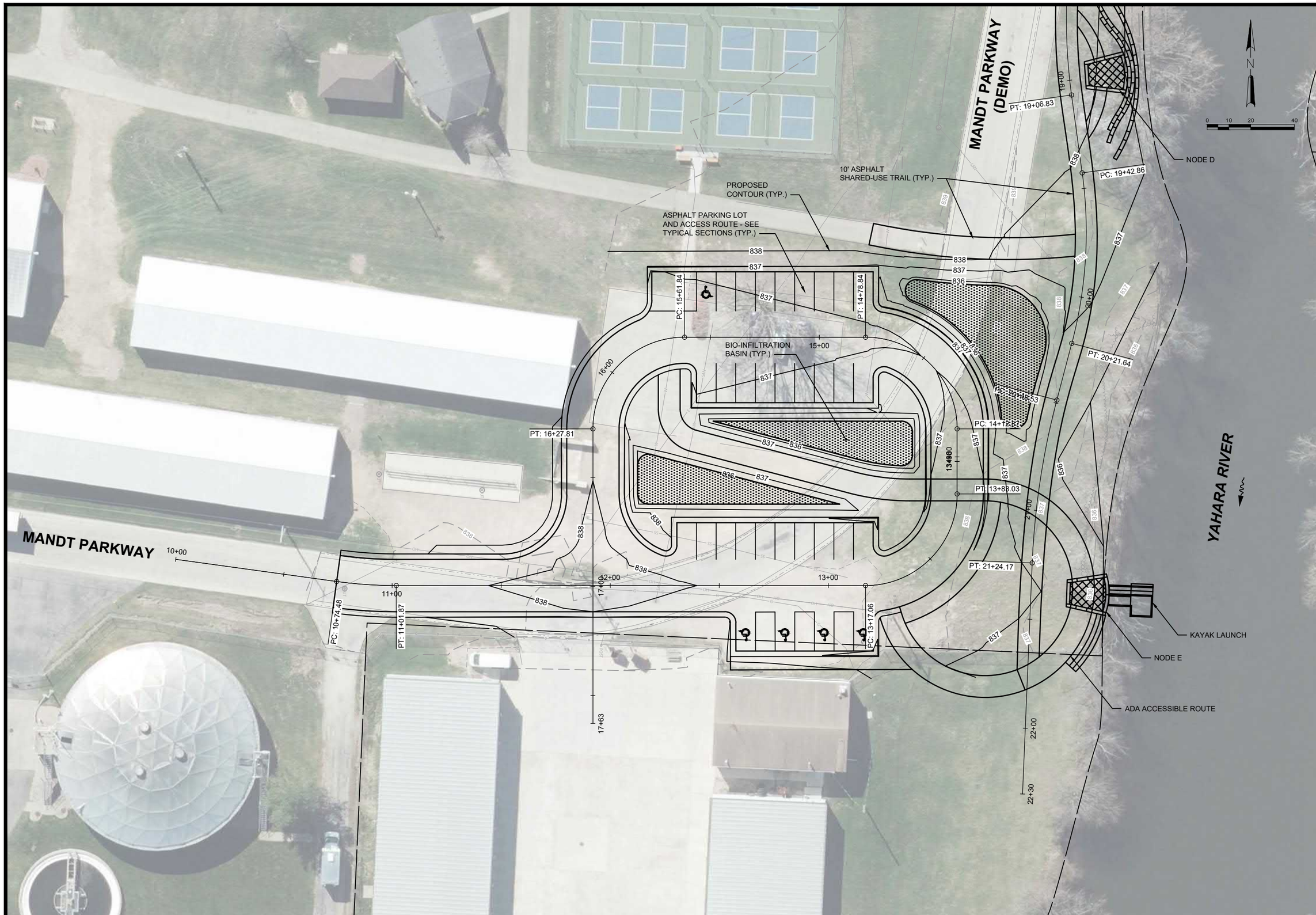
JOB NO.
1040.138

PROJECT MGR.
ZRS

STRAND ASSOCIATES®

SHEET
8

File: S:\MAD\1000--1099\1040\138\Drawings\CAD\Civil 3d\SheetsPlan\Mandt Park_Grading Plans.dwg Time: Jan 26, 2022 – 2:07pm



NO.	REVISIONS	DATE:

MANDT PARK GRADING PLAN - 5

MANDT PARK IMPROVEMENTS
PHASE 1
CIYT OF STOUGHTON
DANE COUNTY, WISCONSIN

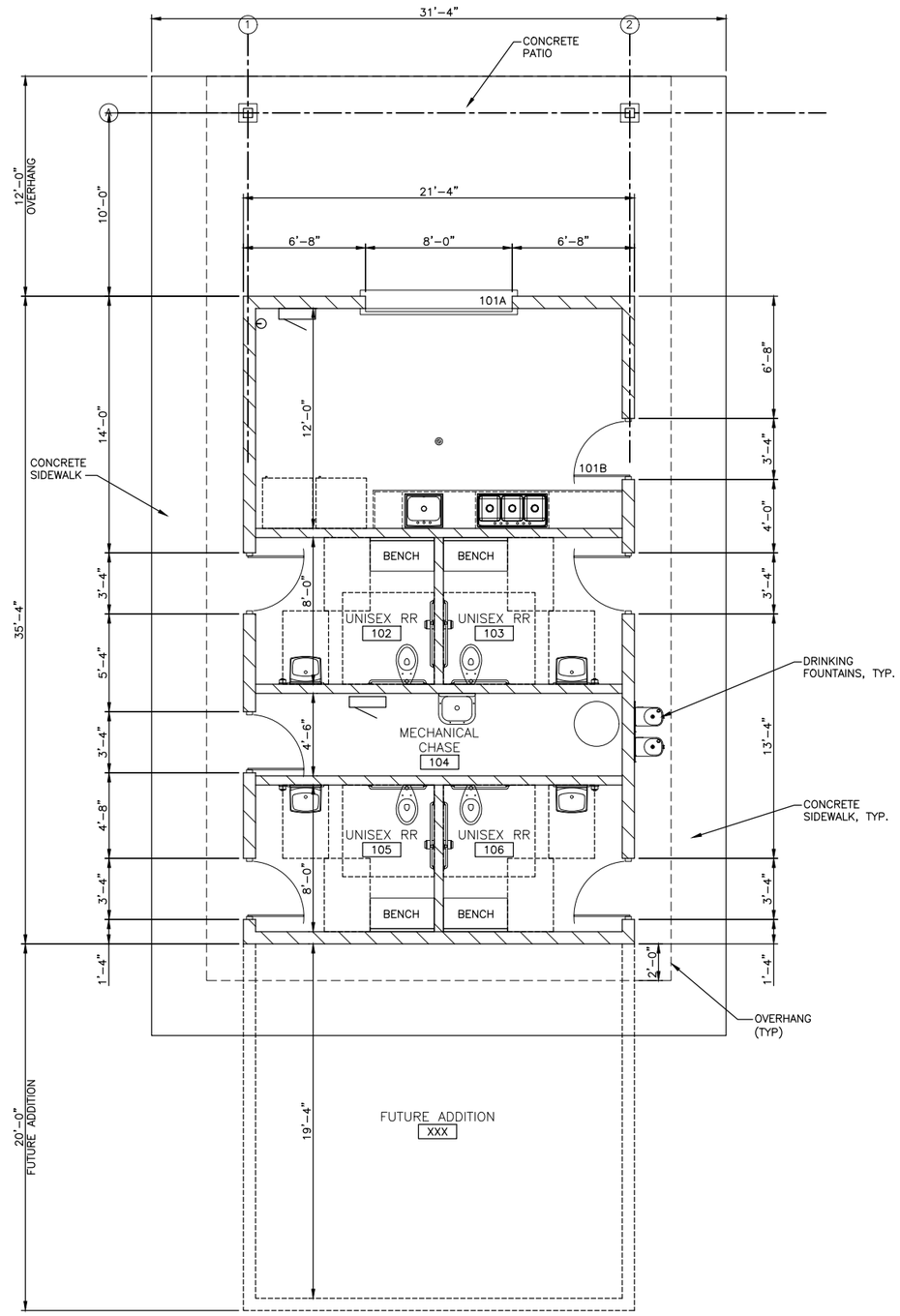
JOB NO.
1040.138

PROJECT MGR.
ZRS

STRAND ASSOCIATES®

SHEET
9

File: S:\MAD\1000--1099\1040\138\Drawings\CAD\Civil 3d\SheetsPlan\Mandt Park_Grading Plans.dwg Time: Jan 26, 2022 – 2:08pm



CONCEPTUAL FLOOR PLAN

0 2' 4' 8'

NO.	REVISIONS	DATE:
1	CONCEPTUAL LAYOUT	01/XX/22

RESTROOM FACILITY - FLOOR PLAN

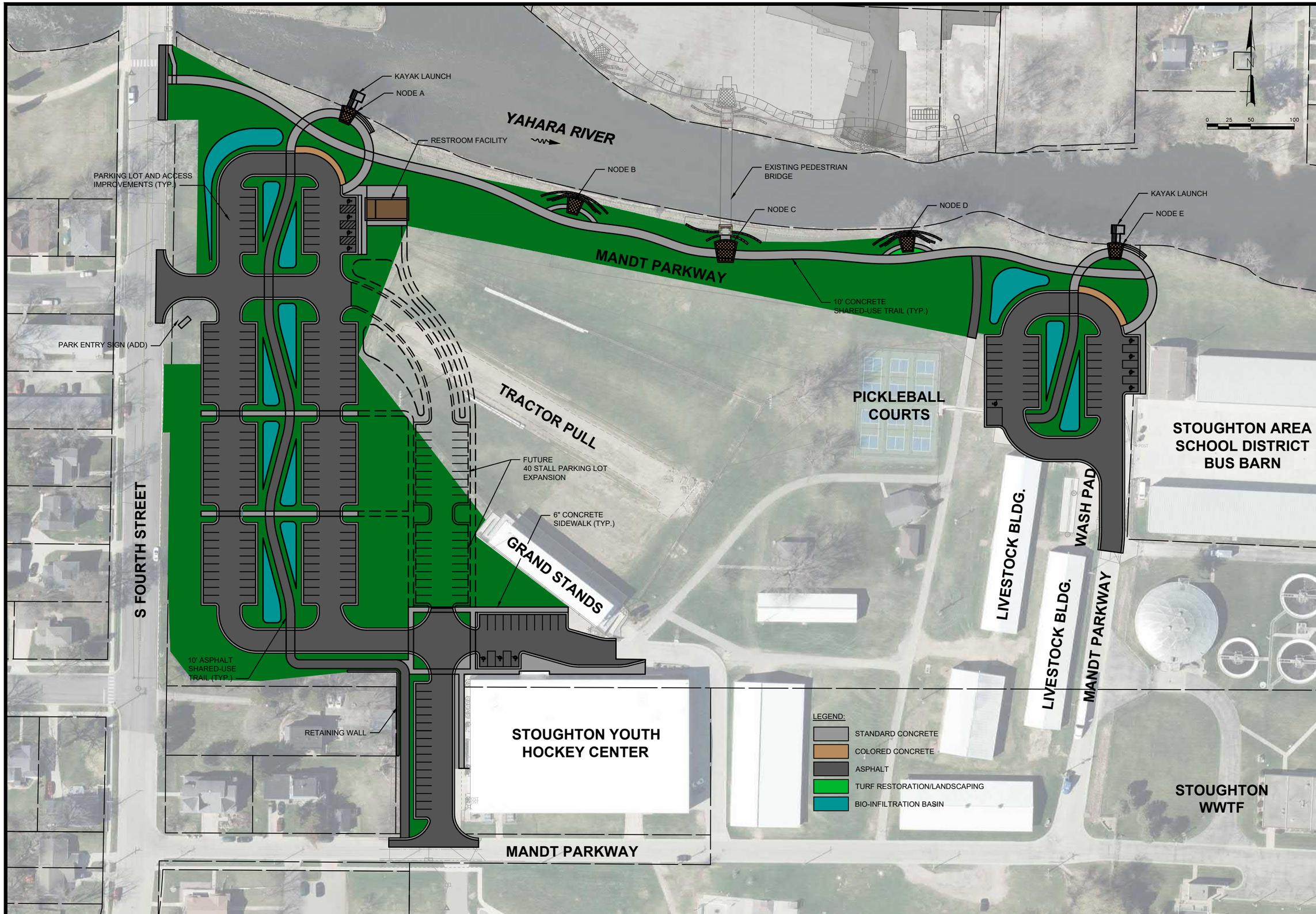
MANDT PARK IMPROVMENTS
CITY OF STOUGHTON
DANE COUNTY, WISCONSIN

JOB NO.
1040.138

PROJECT MGR.
ZRS

STRAND ASSOCIATES®

SHEET
10



NO.	REVISIONS	DATE:

MANDT PARK SITE RESTORATION PLAN

MANDT PARK IMPROVEMENTS
PHASE 1
CIYT OF STOUGHTON
DANE COUNTY, WISCONSIN

JOB NO.
1040.138

PROJECT MGR.
ZRS

STRAND ASSOCIATES®

SHEET
11

File: S:\MAD\1000--1099\1040\138\Drawings\CAD\Civil 3d\SheetsPlan\Mandt Park_Restoration Plan.dwg Time: Jan 26, 2022 – 2:08pm

MANDT PARK - PHASE 1 IMPROVEMENTS
CITY OF STOUGHTON, WISCONSIN
PRELIMINARY OPINION OF PROBABLE PROJECT COST

Construction Contract

No.	Description	Quantity	Unit	Unit Price	Total Price
General					
1	Mobilization and Administration	1	LS	$ 160,000.00	$ 160,000.00
2	Common Excavation	1	LS	$ 150,000.00	$ 150,000.00
3	Embankment Fill (Hauled In)	100	CY	$ 20.00	$ 2,000.00
4	Undercut Excavation	1,000	CY	$ 20.00	$ 20,000.00
5	Undercut Backfill	2,000	TN	$ 20.00	$ 40,000.00
6	Site Clearing, Stripping, and Removals	1	LS	$ 25,000.00	$ 25,000.00
7	Traffic Control	1	LS	$ 5,000.00	$ 5,000.00
8	Erosion Control	1	LS	$ 8,000.00	$ 8,000.00
9	Turbidity Barrier	200	LF	$ 50.00	$ 10,000.00
Parking Improvements					
10	4-IN Asphalt Pavement - Parking Areas	2,800	TN	$ 100.00	$ 280,000.00
11	12-IN Crushed Stone Base Course - Parking Areas	8,650	TN	$ 20.00	$ 173,000.00
12	30-IN Concrete Curb and Gutter	4,400	LF	$ 25.00	$ 110,000.00
13	Concrete Flume	5	EA	$ 1,000.00	$ 5,000.00
14	Truncated Dome Detectable Warning Field	425	SF	$ 40.00	$ 17,000.00
15	3-IN Asphalt Pavement - Trail	220	TN	$ 100.00	$ 22,000.00
16	9-IN Crushed Stone Base Course - Trail	700	TN	$ 20.00	$ 14,000.00
17	5-IN Concrete Sidewalk	11,000	SF	$ 8.00	$ 88,000.00
18	Retaining Wall	600	VSF	$ 40.00	$ 24,000.00
19	Pavement Markings and Signage	1	LS	$ 25,000.00	$ 25,000.00
Stormwater Improvements					
20	4-FT DIA. Storm Sewer Manhole	10	EA	$ 3,000.00	$ 30,000.00
21	3-FT DIA. Storm Catch Basin	12	EA	$ 2,000.00	$ 24,000.00
22	2-FT x 3-FT Inlet	6	EA	$ 2,500.00	$ 15,000.00
23	24-IN RCP AEW with Gate and Cutoff Wall	2	EA	$ 3,150.00	$ 6,300.00
24	24-IN RCP Storm Sewer	850	LF	$ 100.00	$ 85,000.00
25	15-IN RCP Storm Sewer	850	LF	$ 70.00	$ 59,500.00
26	Stormwater Management / Treatment	2,000	SY	$ 50.00	$ 100,000.00
27	Remove / Abandon Existing Storm Sewer	1	LS	$ 5,000.00	$ 5,000.00
River Walk Improvements					
28	6-IN Concrete Trail or Sidewalk	13,400	SF	$ 9.00	$ 120,600.00
29	6-IN Colored Concrete Trail or Sidewalk	1,300	SF	$ 12.00	$ 15,600.00
30	18-IN Concrete Ribbon Curb	350	LF	$ 40.00	$ 14,000.00
31	Adjust Existing Sanitary Sewer Manhole	3	EA	$ 1,000.00	$ 3,000.00
32	Natural Stone Retaining Walls - Node A (Kayak Launch)	1	LS	$ 15,000.00	$ 15,000.00
33	Natural Stone Retaining Walls - Node B	1	LS	$ 25,000.00	$ 25,000.00

34	Natural Stone Retaining Walls - Node C (Bridge)	1	LS	$ 20,000.00	$ 20,000.00
35	Natural Stone Retaining Walls - Node D	1	LS	$ 25,000.00	$ 25,000.00
36	Natural Stone Retaining Walls - Node E (Kayak Launch)	1	LS	$ 15,000.00	$ 15,000.00
37	Paddlecraft Launch Dock and Abutment	2	EA	$ 50,000.00	$ 100,000.00
Restroom / Concession Facility					
38	Restroom / Concession Facility	1	LS	$ 400,000.00	$ 400,000.00
39	Sewer and Water Service Lines	1	LS	$ 10,000.00	$ 10,000.00
40	Electrical Service	1	LS	$ 10,000.00	$ 10,000.00
41	Decorative Entry Sign	1	LS	$ 30,000.00	$ 30,000.00
Lighting and Electrical					
42	Lighting - Decorative Light Pole, Fixture, and Base	8	EA	$ 11,500.00	$ 92,000.00
43	Lighting - Standard Bollard and Base	12	EA	$ 2,000.00	$ 24,000.00
44	Lighting - Standard Lightpole, Fixture, and Base	20	EA	$ 5,500.00	$ 110,000.00
45	Electric Utility Service Allowance	1	LS	$ 10,000.00	$ 10,000.00
46	Electrical Improvements (Panel, conduit, wire, etc.)	1	LS	$ 150,000.00	$ 150,000.00
Site Restoration					
47	Landscaping - Plantings, Bark Mulch, Stone Seating, and Decorative Aggregate	1	LS	$ 70,000.00	$ 70,000.00
48	Turf Restoration - 6" Topsoil, Seed, Fertilizer, and Erosion Control Mat (Class I, Urban Type B)	7,000	SY	$ 5.00	$ 35,000.00
49	Turf Restoration - Agrecol Sod System (6" Hauled-in Topsoil)	300	SY	$ 60.00	$ 18,000.00
50	River Rock Revetment (Riprap)	300	SY	$ 140.00	$ 42,000.00
Opinion of Probable Construction Cost					**$ 2,857,000.00**
Contingency (5%)					**$ 143,000.00**
Total Including Contingency					**$ 3,000,000.00**