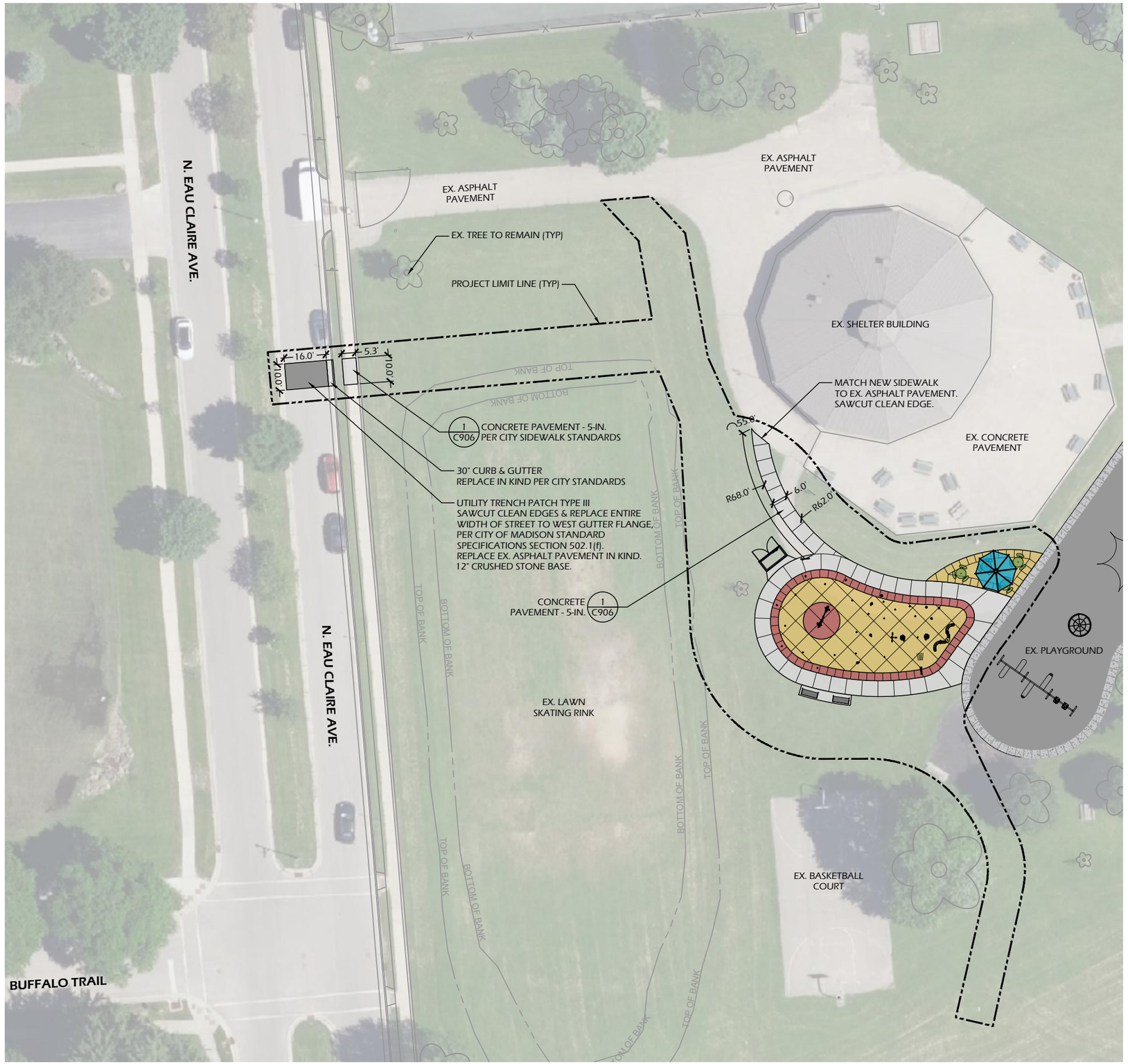


SITE LAYOUT NOTES

1. CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
2. ALL PROPOSED DIMENSIONS ARE REFERENCED PARALLEL OR PERPENDICULAR TO THE PROPOSED FEATURES SHOWN. WRITTEN DIMENSIONS SUPERSEDE ANY SCALED DIMENSIONS.
3. PROPOSED GRADE AND LEVEL SHALL BE PERIODICALLY REVIEWED IN THE FIELD BY THE OWNER OR A/E.
4. CONCRETE JOINTING IS SHOWN FOR DESIGN INTENT. FINAL SCORING PLANS SHALL BE SUBMITTED TO THE A/E FOR REVIEW AS A SHOP SUBMITTAL.
5. ALL CONCRETE POURS SHALL BE DOWELED TOGETHER UNLESS OTHERWISE APPROVED BY THE A/E.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE STAKING. DIGITAL PLAN FILES MAY BE AVAILABLE FROM THE A/E.

LEGEND

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE PAVEMENT SOLOMON COLORS - MARIGOLD
- CONCRETE PAVEMENT SOLOMON COLORS - TERRA COTTA
- PROJECT LIMIT LINE

PARKITECTURE + PLANNING
901 Deming Way, Suite 201
Madison,WI.53717
608.203.8203
Parkitecture

Project Name:
RENNEBOHM PARK SPLASHPAD
115 N. Eau Claire Avenue
Madison, WI 53705

Sheet Title:
SITE LAYOUT PLAN

Revisions:

Project #: 24.017
Issued For: Review
Date: 12/9/2024

Sheet Number
C200

File: P:\24.017 Madison Rennebohm Splashpad\CAD\P-SP.dwg Layout: C200 User: katie Plotted: Dec 10, 2024 - 2:29am

CONCRETE FINISH NOTES

1. CONCRETE PAVEMENT - COLORED & REINFORCED - COLOR 'A':
   1.1. INTEGRAL COLORED CONCRETE
      1.1.1. SOLOMON COLORS MARIGOLD OR APPROVED EQUAL
   1.2. MEDIUM BROOM FINISH - SWIRL PATTERN
   1.3. NON-SLIP ADDITIVE SUCH AS SHARK-GRIP MUST BE APPLIED TO THE FINAL SURFACE PER SPECIFICATIONS.

2. CONCRETE PAVEMENT - COLORED & REINFORCED - COLOR 'B':
   2.1. INTEGRAL COLORED CONCRETE
      2.1.1. SOLOMON COLORS TERRA COTTA OR APPROVED EQUAL
   2.2. MEDIUM BROOM FINISH - SWIRL PATTERN
   2.3. NON-SLIP ADDITIVE SUCH AS SHARK-GRIP MUST BE APPLIED TO THE FINAL SURFACE PER SPECIFICATIONS.

3. CONCRETE PAVEMENT (DRY DECK/SIDEWALK)
   3.1. MEDIUM BROOM FINISH
   3.2. BROOMING PATTERN AS SHOWN ON PLANS
   3.3. NON-SLIP ADDITIVE SUCH AS SHARK-GRIP MUST BE APPLIED TO THE FINAL SURFACE PER SPECIFICATIONS, WITHIN THE SPLASHPAD PERIMETER FENCE.

4. CONTRACTOR TO CONSTRUCT 2'x2' TEST PANELS FOR APPROVAL FOR EACH CONCRETE TYPE TO DEMONSTRATE COLORS, BROOMING PATTERNS, AND SEALER FINISH. BROOM FINISH SHALL MEET SPECIFICATION REQUIREMENTS FOR SLIP RESISTANCE.

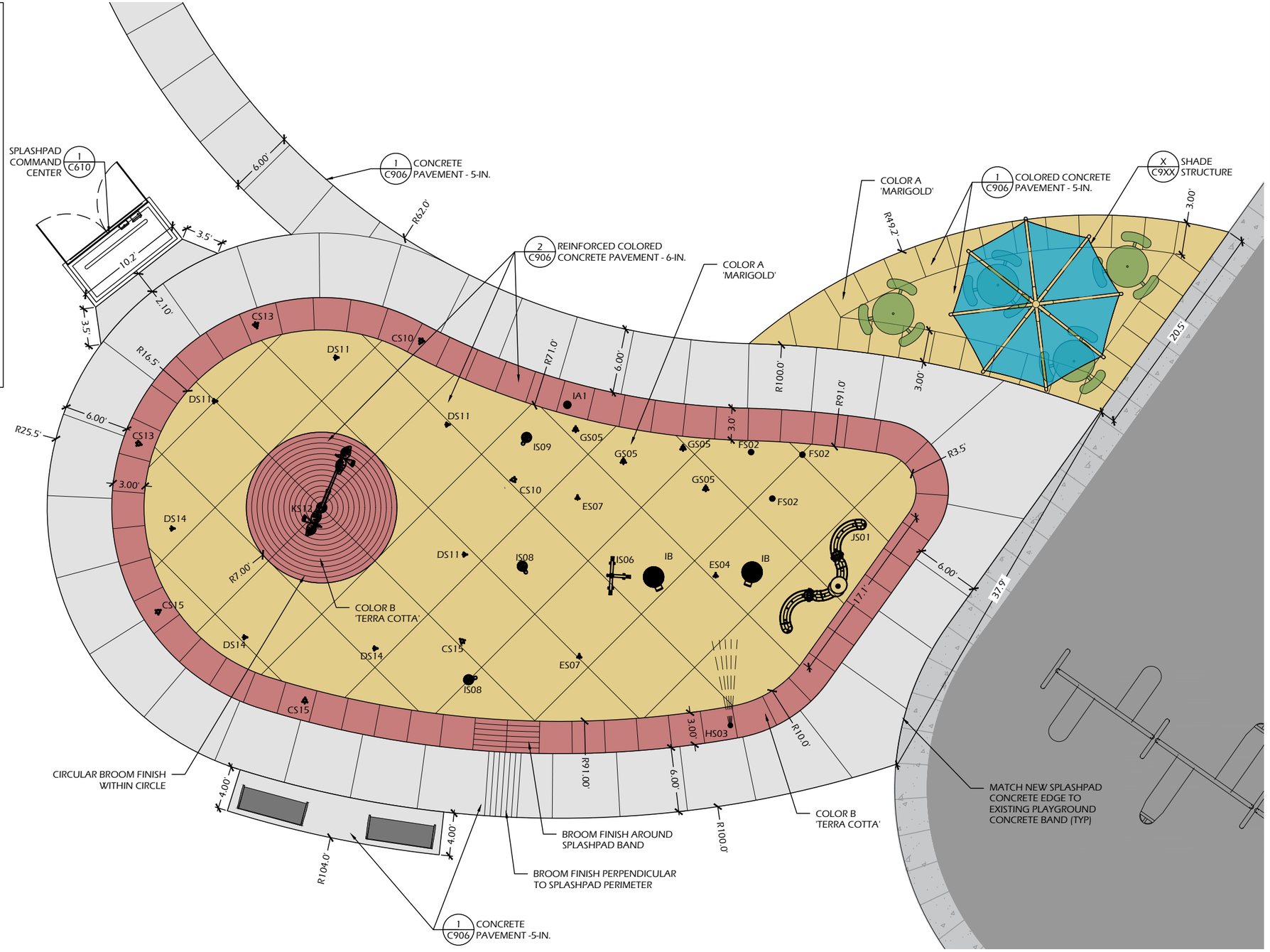
5. CONCRETE JOINTING IS SHOWN FOR DESIGN INTENT. FINAL SCORING PLANS SHALL BE SUBMITTED TO THE A/E FOR REVIEW AS A SHOP SUBMITTAL.

6. ALL CONCRETE POURS SHALL BE DOWELED TOGETHER UNLESS OTHERWISE APPROVED BY THE A/E.

LEGEND

- CONCRETE PAVEMENT
- CONCRETE PAVEMENT COLOR 'A' SOLOMON COLORS - MARIGOLD
- CONCRETE PAVEMENT COLOR 'B' SOLOMON COLORS - TERRA COTTA
- PROJECT LIMIT LINE

MEDIUM BROOM FINISH



0' 5' 10'

PARKITECTURE + PLANNING
901 Deming Way, Suite 201
Madison,WI.53717
608.203.8203
Parkitecture

Project Name:
RENNEBOHM PARK SPLASHPAD
115 N. Eau Claire Avenue
Madison, WI 53705

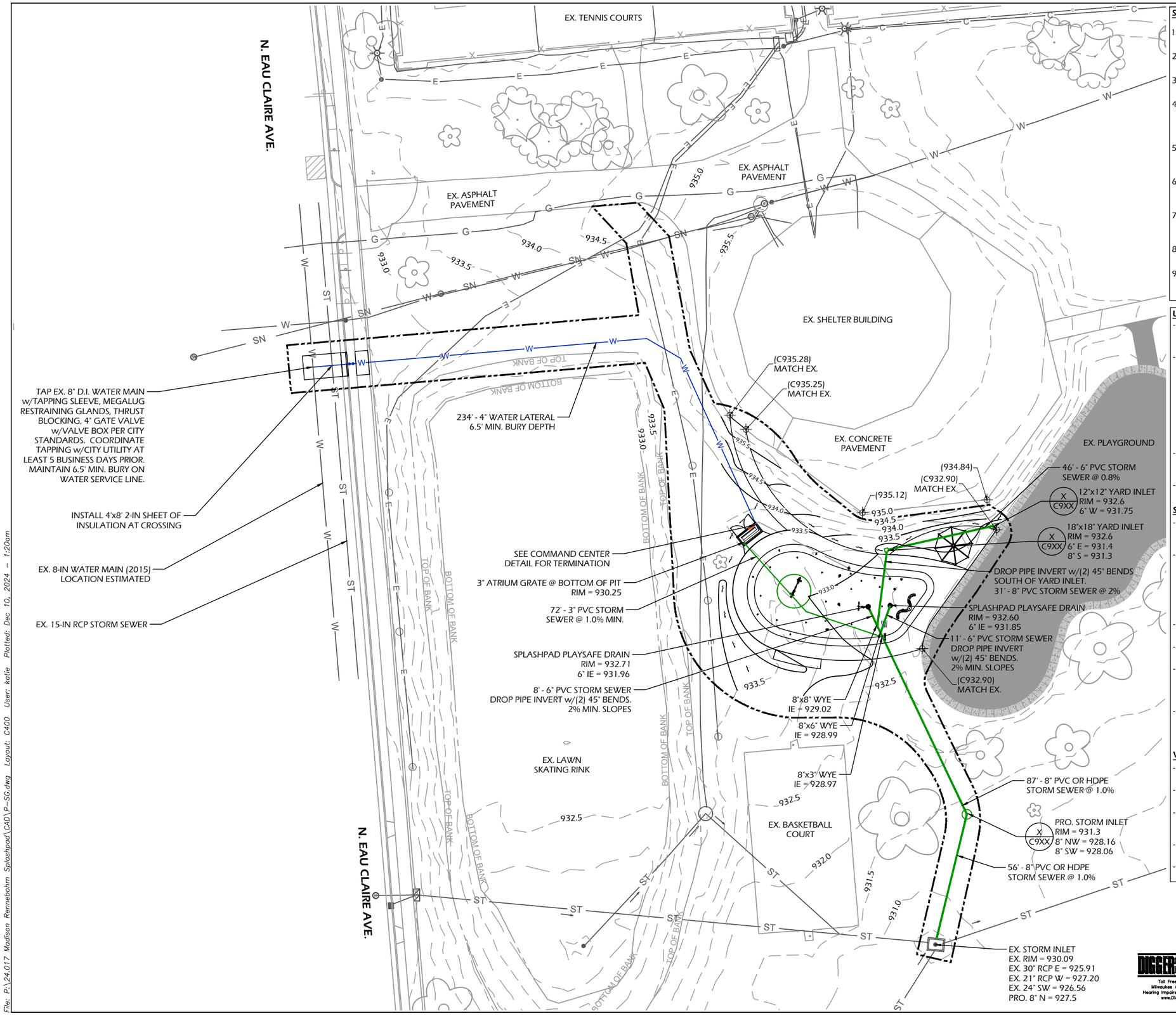
Sheet Title:
SITE LAYOUT PLAN

Revisions:

Project #: 24.017
Issued For: Review
Date: 12/9/2024

Sheet Number
C201

File: P:\24.017 Madison Rennebohm Splashpad\CAD\P-SP.dwg Layout: C201 User: katie Plotted: Dec 10, 2024 - 2:30am



SITE GRADING NOTES

1. ALL BIDDERS SHOULD VISIT THE SITE PRIOR TO SUBMITTING A BID AND REVIEW THE EXISTING CONDITIONS OF THE SITE.
2. CONTACT DIGGER'S HOTLINE A MINIMUM OF 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
3. GRADE, LINE, AND LEVEL TO BE REVIEWED IN THE FIELD BY THE OWNER OR A/E.
4. THE SITE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL ELEMENTS IN ACCORDANCE WITH THE DEPARTMENT OF NATURAL RESOURCES AND THE LOCAL GOVERNING AUTHORITY'S REGULATIONS.
5. PLACE INLET PROTECTION AT ALL PROPOSED AND EXISTING CATCH BASINS, MANHOLES, AND INLETS FOR THE DURATION OF CONSTRUCTION.
6. CONTOUR INTERVAL SHOWN REPRESENTS ONE-HALF (0.5') VERTICAL FOOT AND SHALL BE CONSTRUED AS FINISH GRADE.
7. ALL HARDSCAPE SURFACES SHALL NOT EXCEED 2% RUNNING OR CROSS SLOPES UNLESS OTHERWISE INDICATED.
8. ALL TURF AREAS SHALL MAINTAIN A MINIMUM SLOPE OF 2% UNLESS OTHERWISE INDICATED.
9. MATCH TO EXISTING GRADE AT 5:1 MAXIMUM SLOPES BEYOND PROPOSED HARDSCAPE LIMITS EXCEPT WHERE SHOWN OTHERWISE.

UTILITY NOTES:

- THE CONTRACTOR SHALL CONTACT DIGGERS HOTLINE A MINIMUM OF 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- STANDARD SPECIFICATIONS: PERFORM ALL WORK IN ACCORDANCE WITH THE PROVISIONS OF:
  - "STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN" (WSWS) LATEST EDITION
  - STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (WISDOT) LATEST EDITION
- CONTRACTOR SHALL OBTAIN A CURRENT COPY OF ANY LOCAL MUNICIPAL STANDARD SPECIFICATIONS, PRIOR TO THE START OF CONSTRUCTION.
- ALL UTILITIES SHALL BE INSTALLED WITH TRACER WIRE.

STORM SEWER:

- STORM SEWER OR CULVERTS WITHOUT DESIGNATED PIPE TYPES MAY BE SELECTED FROM THE MATERIALS LISTED IN THE SPECIFICATIONS.
- STORM SEWER SPECIFIED AS RCP SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO THE FOLLOWING SPECIFICATIONS:
  - 12" DIA - CLASS V RCP
  - 15" DIA - CLASS IV RCP
  - 18+" DIA - CLASS III RCP
- STORM SEWER SPECIFIED AS HDPE SHALL BE CORRUGATED HDPE, SMOOTH INTERIOR.
- STORM SEWER SPECIFIED AS PVC SHALL BE SCHEDULE 40 OR SDR 26 PVC.
- POLYETHYLENE MATERIAL SHALL CONFORM TO ASTM D3350. AN APPROVED RUBBER GASKET JOINT SHALL BE USED FOR EITHER OPTION. JOINTS FOR RCP SHALL CONFORM TO ASTM D-471. JOINTS FOR HDPE SHALL CONFORM TO ASTM F-477.
- INSULATION MUST BE PROVIDED AT ANY CROSSINGS WITH WATER MAINS OR LATERALS WITH LESS THAN 24 INCHES OF VERTICAL SEPARATION.

WATER MAIN & LATERALS:

- WATER PIPE 4" DIAMETER OR LARGER SHALL BE PVC AWWA, C900 OR DUCTILE IRON AWWA C-151, CLASS52.
- WATER PIPE LESS THAN 4" DIAMETER SHALL BE HIGH DENSITY POLYETHYLENE AWWA C-901, SDR 11 OR TYPE "K" COPPER.
- 2" INSULATION MUST BE PROVIDED AT ANY CROSSINGS WITH STORM OR SANITARY SEWER WITH LESS THAN 24 INCHES OF VERTICAL SEPARATION.
- INSTALL TRACER WIRE OVER THE TOP OF ALL WATER PIPING, #12-GAUGE THWN SOLID COPPER w/BLUE COATING.
- WATER MAIN TO BE TESTED & APPROVED PER CITY OF MADISON STANDARD SPECIFICATIONS.

DIGGERS HOTLINE
Toll Free (800) 242-8511
Milwaukee Area (414) 259-1181
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

PARKITECTURE + PLANNING
901 Deming Way, Suite 201
Madison,WI.53717
608.203.8203
Parkitecture

Project Name:
RENNEBOHM PARK SPLASHPAD
115 N. Eau Claire Avenue
Madison, WI 53705

Sheet Title:
SITE GRADING + UTILITY PLAN

Revisions:

Project #: 24.017
Issued For: Review
Date: 12/9/2024

Sheet Number
C400

File: P:\24.017 Madison Rennebohm Splashpad\CAD\P-SG.dwg Layout: C400 User: katie Plotted: Dec. 10, 2024 - 1:20am

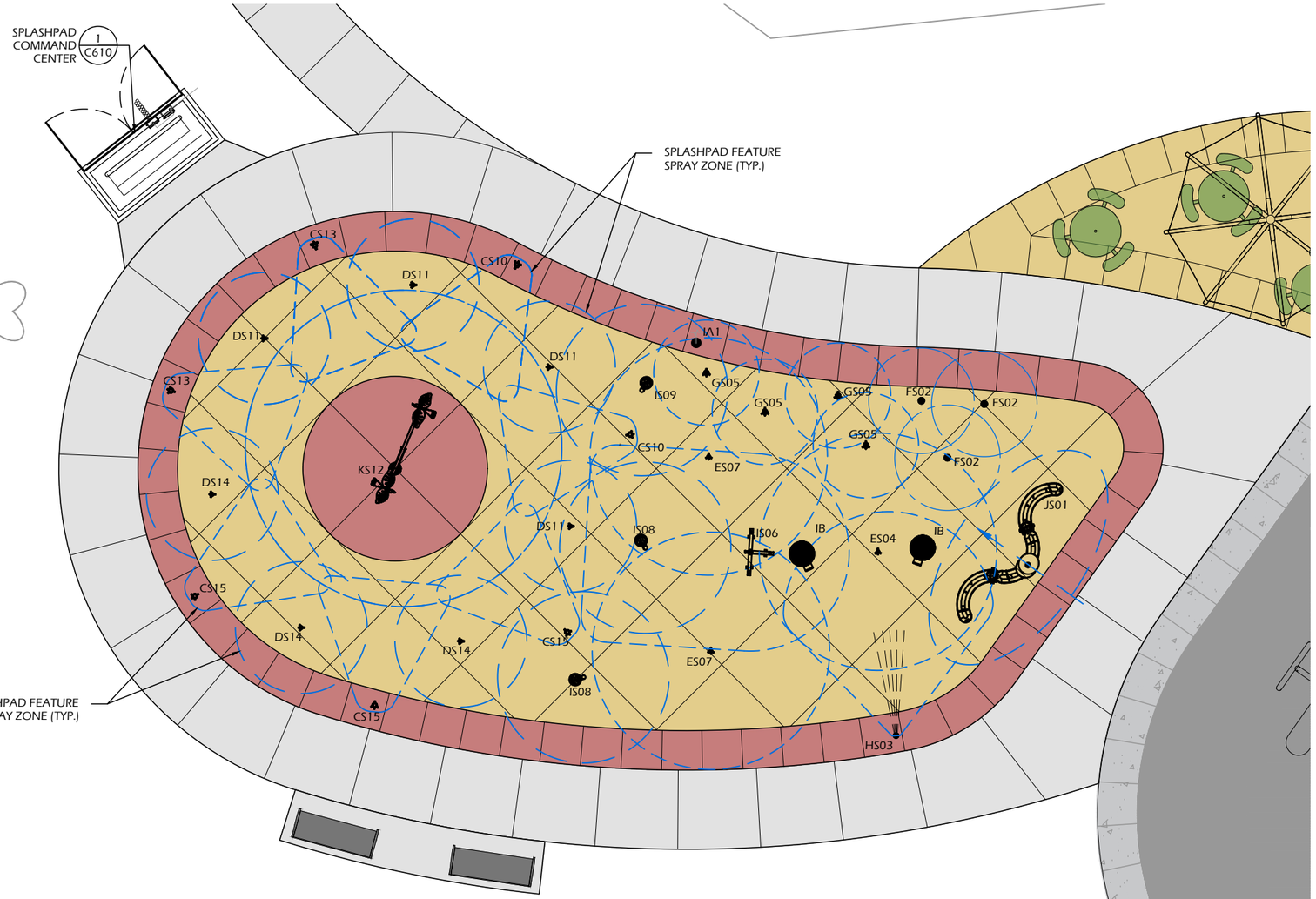
Feature Connection Table							
Manifold Output Ref.	Solenoid Valve	Feature Ref.	Feature	Qty	Line Size	Gpm	Output (ID1)
S01	1" Std	J	Cascade River VOR 7249	1	1"	5	1
S02	1" Std	F	Water Jelly N°1 VOR 7010	3	1 1/2"	18	2
S03	1" Std	H	Rooster Tail VOR 0303	1	1"	9	3
S04	1" Std	E	Water Bloom N°1 VOR 0322	1	1"	9	4
S05	1" Std	G	Jet Stream N°2 VOR 0325	4	1 1/2"	16	5
S06	1" Std	I	Team Spray N°3 VOR 0328	1	1 1/2"	13.5	6
S07	1" Std	E	Water Bloom N°1 VOR 0322	2	1 1/2"	18	7
S08	1" Std	L	Spiroo VOR 7799	2	1"	8	8
S09	1" Std	L	Spiroo VOR 7799	1	1"	4	9
S10	1" Std	C	Split Stream VOR 7516	2	1"	6	10
S11	1" Std	D	Geyser N°1 VOR 0301	4	1 1/2"	28	11
S12	1" Std	K	Helico Birds VOR 7258	1	1 1/2"	12.5	12
S13	1" Std	C	Split Stream VOR 7516	2	1"	6.0	13
S14	1" Std	D	Geyser N°1 VOR 0301	3	1 1/2"	21.0	14
S15	1" Std	C	Split Stream VOR 7516	3	1"	9.0	15

Product Legend		
Product Ref.	Product	Qty
IA	Activator N°4 VOR 0622	1
IB	Playsafe Drain N°4 VOR1004	2
IC	Water Distribution System ECCC 2.0 Cabinet Command Center	1
ID1	MaestroPRO Controller 24 out/ 12 in VOR-33907.3200	1
ID2	MaestroPRO Power Box VOR-33907.3200	1
	4" Pressure Regulator (by Installer)	1
	4" Backflow Preventer (by Installer)	1
	1" Solenoid Valve with Ball Valve & Union (by Vortex)	15

SPLASHPAD INFORMATION	
WET DECK AREA (SF)	2400
TOTAL FEATURE FLOW RATE (GPM)	183
AVERAGE SEQUENCED FLOW RATE (GPM)	110

FEATURE REFERENCE LEGEND

AS01 FEATURE NAME REFERENCE
AS01 MANIFOLD LINE NUMBER



0' 5' 10'

PARKITECTURE + PLANNING
901 Deming Way, Suite 201
Madison,WI.53717
608.203.8203
Parkitecture

Project Name:
RENNEBOHM PARK SPLASHPAD
115 N. Eau Claire Avenue
Madison, WI 53705

Sheet Title:
SPLASHPAD FEATURES PLAN

Revisions:

Project #: 24.017
Issued For: Review
Date: 12/9/2024

Sheet Number
C500

File: P:\24.017 Madison Rennebohm Splashpad\CAD\P-SP.dwg Layout: C500 User: katie Plotted: Dec 10, 2024 - 2:30am

Feature Connection Table

Manifold Output Ref.	Feature Ref.	Feature	Qty
S01	J	Cascade River VOR 7249	1
S02	F	Water Jelly N°1 VOR 7010	3
S03	H	Rooster Tail VOR 0303	1
S04	E	Water Bloom N°1 VOR 0322	1
S05	G	Jet Stream N°2 VOR 0325	4
S06	I	Team Spray N°3 VOR 0328	1
S07	E	Water Bloom N°1 VOR 0322	2
S08	L	Spiroo VOR 7799	2
S09	L	Spiroo VOR 7799	1
S10	C	Split Stream VOR 7516	2
S11	D	Geyser N°1 VOR 0301	4
S12	K	Helico Birds VOR 7258	1
S13	C	Split Stream VOR 7516	2
S14	D	Geyser N°1 VOR 0301	3
S15	C	Split Stream VOR 7516	3

Product Legend

Product Ref.	Product	Qty
IA	Activator N°4 VOR 0622	1
IB	Playsafe Drain N°4 VOR1004	2
IC	Water Distribution System ECCC 2.0 Cabinet Command Center	1
ID1	MaestroPRO Controller 24 out/ 12 in VOR-33907.3200	1
ID2	MaestroPRO Power Box VOR-33907.3200	1
	4" Pressure Regulator (by Installer)	1
	4" Backflow Preventer (by Installer)	1
	1" Solenoid Valve with Ball Valve & Union (by Vortex)	15

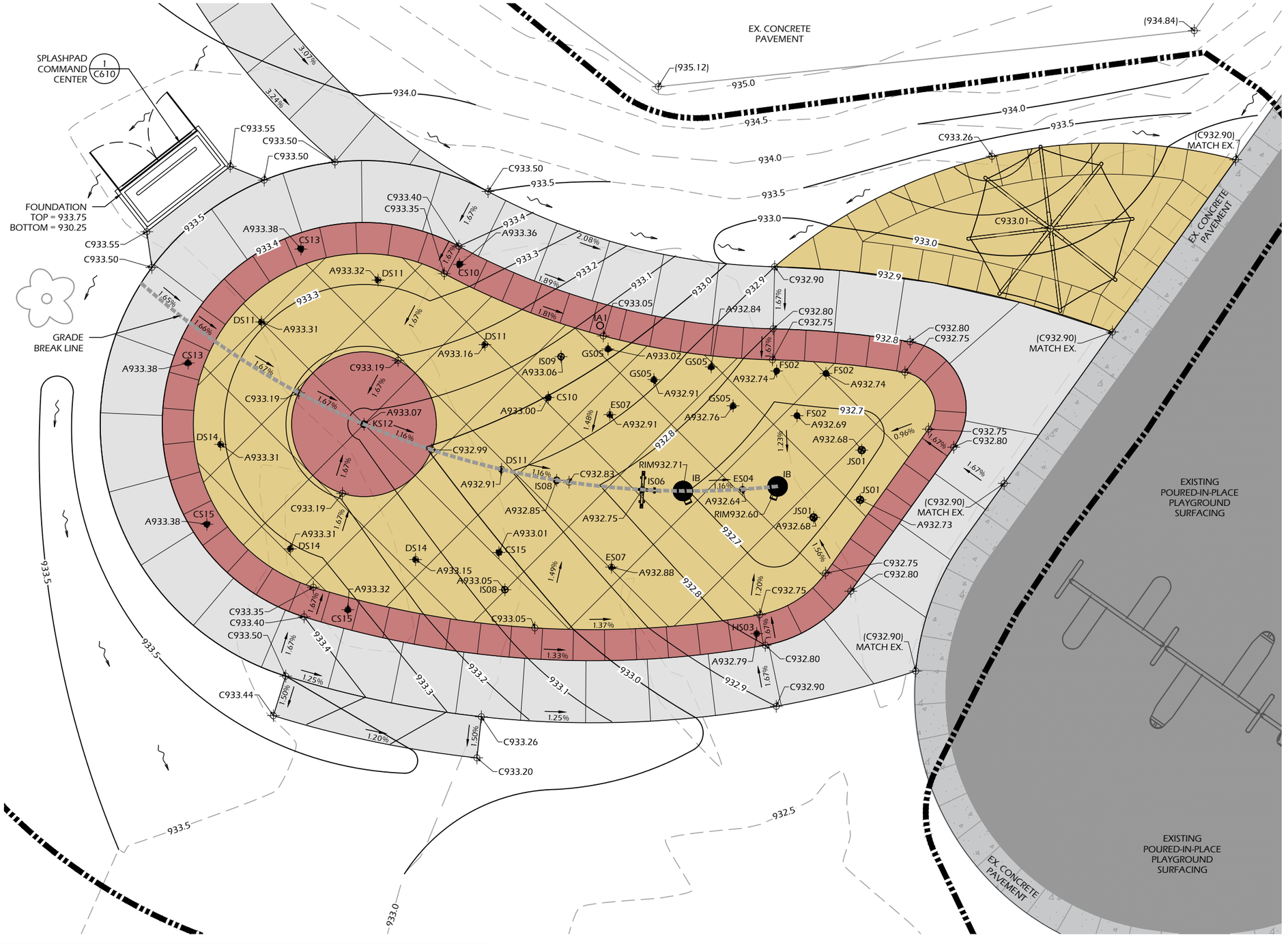
SPLASHPAD INFORMATION	
WET DECK AREA (SF)	2400
TOTAL FEATURE FLOW RATE (GPM)	183
AVERAGE SEQUENCED FLOW RATE (GPM)	110

FEATURE REFERENCE LEGEND

AS01 FEATURE NAME REFERENCE
A**S01** MANIFOLD LINE NUMBER

SPOT GRADE ABBREVIATIONS:

(xxx.xx) = EXISTING GRADE
Cxxx.xx = PROPOSED CONCRETE
Axxx.xx = ANCHOR FINISH ELEVATION
xxx.xx = PROPOSED FINISH SURFACE
RIMxxx.xx = RIM ELEVATION



SPLASHPAD DECK GRADING NOTES

1. SPLASHPAD DECK SHALL NOT EXCEED 5% RUNNING OR 2% CROSS SLOPES UNLESS OTHERWISE INDICATED, AND MAINTAIN A 1% MINIMUM SLOPE ON ALL WET DECK AREAS.
2. THE SPLASHPAD WET DECK SHALL SLOPE TOWARD DRAINS WITHOUT CREATING AREAS OF POOLING WATER. AREAS HOLDING STANDING WATER MORE THAN 1/8" DEEP (THICKNESS OF A QUARTER) 15 MINUTES AFTER SPRAY FEATURES ARE TURNED OFF ARE CONSIDERED TO FAIL THE SLOPE REQUIREMENTS.
3. CONTRACTOR TO ADJUST SPRAY FEATURE ANCHOR ELEVATIONS IN THE FIELD AS NEEDED.
4. CONTOURS SHOWN REPRESENT 0.1 (ONE TENTH) VERTICAL FOOT WITHIN THE SPLASHPAD AREA. CONTOURS OUTSIDE OF THE SPLASHPAD AREA REPRESENT 0.5 (ONE HALF) VERTICAL FOOT (LAWN AREAS).

0' 5' 10'

PARKITECTURE + PLANNING
901 Deming Way, Suite 201
Madison,WI.53717
608.203.8203
Parkitecture

Project Name:
RENNEBOHM PARK SPLASHPAD
115 N. Eau Claire Avenue
Madison, WI 53705

Sheet Title:
SPLASHPAD GRADING PLAN

Revisions:

Project #: 24.017
Issued For: Review
Date: 12/9/2024

Sheet Number
C520

File: P:\24.017 Madison Rennebohm Splashpad\CAD\P-SG.dwg Layout: C520 User: katie Plotted: Dec 10, 2024 - 1:21am

Feature Connection Table

Manifold Output Ref.	Solenoid Valve	Feature Ref.	Feature	Qty	Line Size	Gpm	Output (ID1)
S01	1" Std	J	Cascade River VOR 7249	1	1"	5	1
S02	1" Std	F	Water Jelly N°1 VOR 7010	3	1 1/2"	18	2
S03	1" Std	H	Rooster Tail VOR 0303	1	1"	9	3
S04	1" Std	E	Water Bloom N°1 VOR 0322	1	1"	9	4
S05	1" Std	G	Jet Stream N°2 VOR 0325	4	1 1/2"	16	5
S06	1" Std	I	Team Spray N°3 VOR 0328	1	1 1/2"	13.5	6
S07	1" Std	E	Water Bloom N°1 VOR 0322	2	1 1/2"	18	7
S08	1" Std	L	Spiroo VOR 7799	2	1"	8	8
S09	1" Std	L	Spiroo VOR 7799	1	1"	4	9
S10	1" Std	C	Split Stream VOR 7516	2	1"	6	10
S11	1" Std	D	Geyser N°1 VOR 0301	4	1 1/2"	28	11
S12	1" Std	K	Helico Birds VOR 7258	1	1 1/2"	12.5	12
S13	1" Std	C	Split Stream VOR 7516	2	1"	6.0	13
S14	1" Std	D	Geyser N°1 VOR 0301	3	1 1/2"	21.0	14
S15	1" Std	C	Split Stream VOR 7516	3	1"	9.0	15

Product Legend

Product Ref.	Product	Qty
IA	Activator N°4 VOR 0622	1
IB	Playsafe Drain N°4 VOR1004	2
IC	Water Distribution System ECCC 2.0 Cabinet Command Center	1
ID1	MaestroPRO Controller 24 out/ 12 in VOR-33907.3200	1
ID2	MaestroPRO Power Box VOR-33907.3200	1
	4" Pressure Regulator (by Installer)	1
	4" Backflow Preventer (by Installer)	1
	1" Solenoid Valve with Ball Valve & Union (by Vortex)	15

ELECTRICAL LINE

BONDING WIRE

WATER LINE

DRAIN LINE

FEATURE REFERENCE LEGEND

A S01 FEATURE NAME REFERENCE

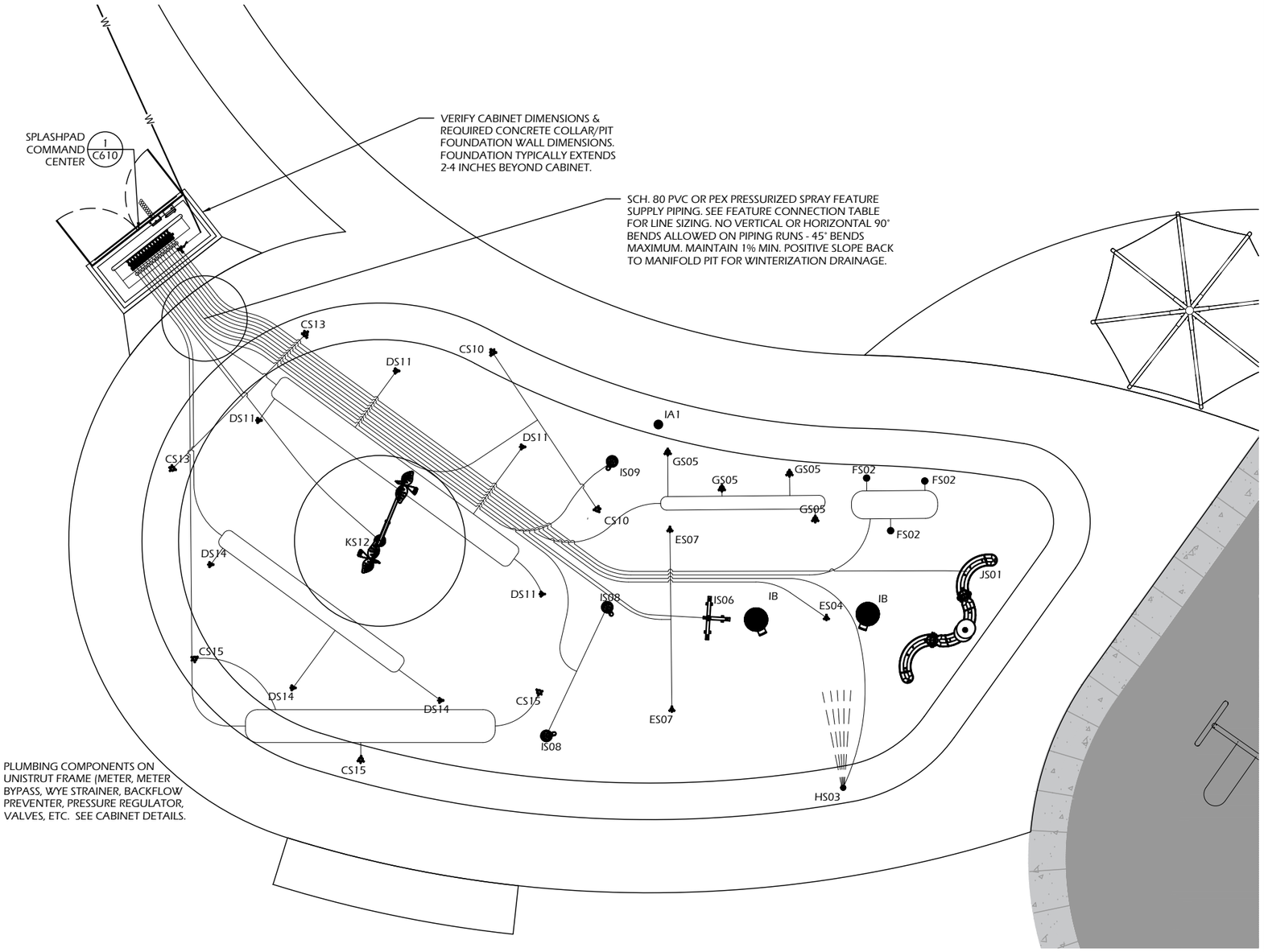
A S01 MANIFOLD LINE NUMBER

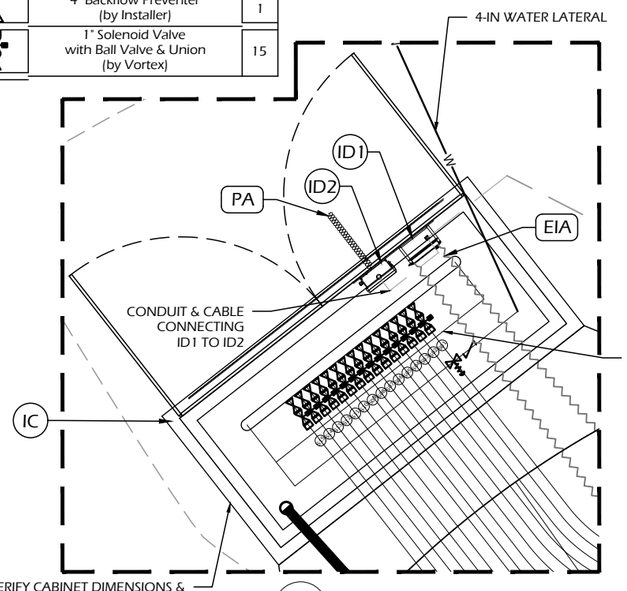
PIPING NOTES

1. PIPING CONFIGURATION SHOWN IS SCHEMATIC AND MAY BE MOVED OR ADJUSTED ON SITE BY INSTALLER TO ADJUST FOR SITE CONDITIONS
2. ANY REQUIRED BACKFLOW PREVENTER AND WATER METER ON THE CITY WATER MAIN SHALL BE PROVIDED BY INSTALLER. PRESSURE REGULATOR WILL BE PROVIDED BY VORTEX.
3. ALL PIPE LINES TO FEATURES TO HAVE A 1% MINIMUM RECOMMENDED SLOPE FOR PROPER WINTERIZATION.
4. ALL LINE SIZING (FEATURE CONNECTION TABLE) ASSUMES A MAXIMUM DISTANCE OF 100 FEET BETWEEN THE WATER DISTRIBUTION MANIFOLD AND THE FURTHEST PLAY PRODUCT.
5. PRESSURE LINES ARE RECOMMENDED TO BE SCHEDULE 80 PVC OR PEX, AND NON-PRESSURE LINES TO BE SCHEDULE 40.
6. PIPING SHOULD BE INSPECTED AFTER TRANSPORTATION FOR CUTS, SCRATCHES, GOUGES OR SPLITS; DAMAGED SECTIONS MUST BE DISCARDED OR CUT OUT.
7. FEATURE SUPPLY PIPING SHALL BE INSTALLED A MINIMUM OF 12" DEEP, 18" PREFERRED.
8. SPECIAL CONSIDERATIONS SHOULD BE TAKEN FOR THERMAL CONDITIONS, EXPANSION AND CONTRACTIONS DUE TO TEMPERATURE SHOULD BE EVALUATED BEFORE THE INSTALLATION BY THE CONTRACTOR.
9. VALVE NUMBER 1 IS LOCATED TO THE LEFT OF THE MANIFOLD FACING THE CONTROLLER.
10. MINIMUM 50 PSI REQUIRED AT THE INLET OF THE BACKFLOW PREVENTER AND PRESSURE REGULATING DEVICE.

SPLASHPAD INFORMATION	
WET DECK AREA (SF)	2400
TOTAL FEATURE FLOW RATE (GPM)	183
AVERAGE SEQUENCED FLOW RATE (GPM)	110

NO 90° VERTICAL OR HORIZONTAL BENDS IN SUPPLY OR DRAINLINE PIPES SHALL BE PERMITTED. CONTRACTOR SHALL OBTAIN INSPECTION BY OWNER OR A/E PRIOR TO COVERING ALL PIPES WITH BEDDING. CONTRACTOR SHALL PHOTO DOCUMENT ALL PIPE RUNS PRIOR TO PLACING COVER BEDDING.





PARKITECTURE + PLANNING
901 Deming Way, Suite 201
Madison,WI.53717
608.203.8203
Parkitecture

Project Name:
RENNEBOHM PARK SPLASHPAD
115 N. Eau Claire Avenue
Madison, WI 53705

Sheet Title:
SPLASHPAD PLUMBING PLAN

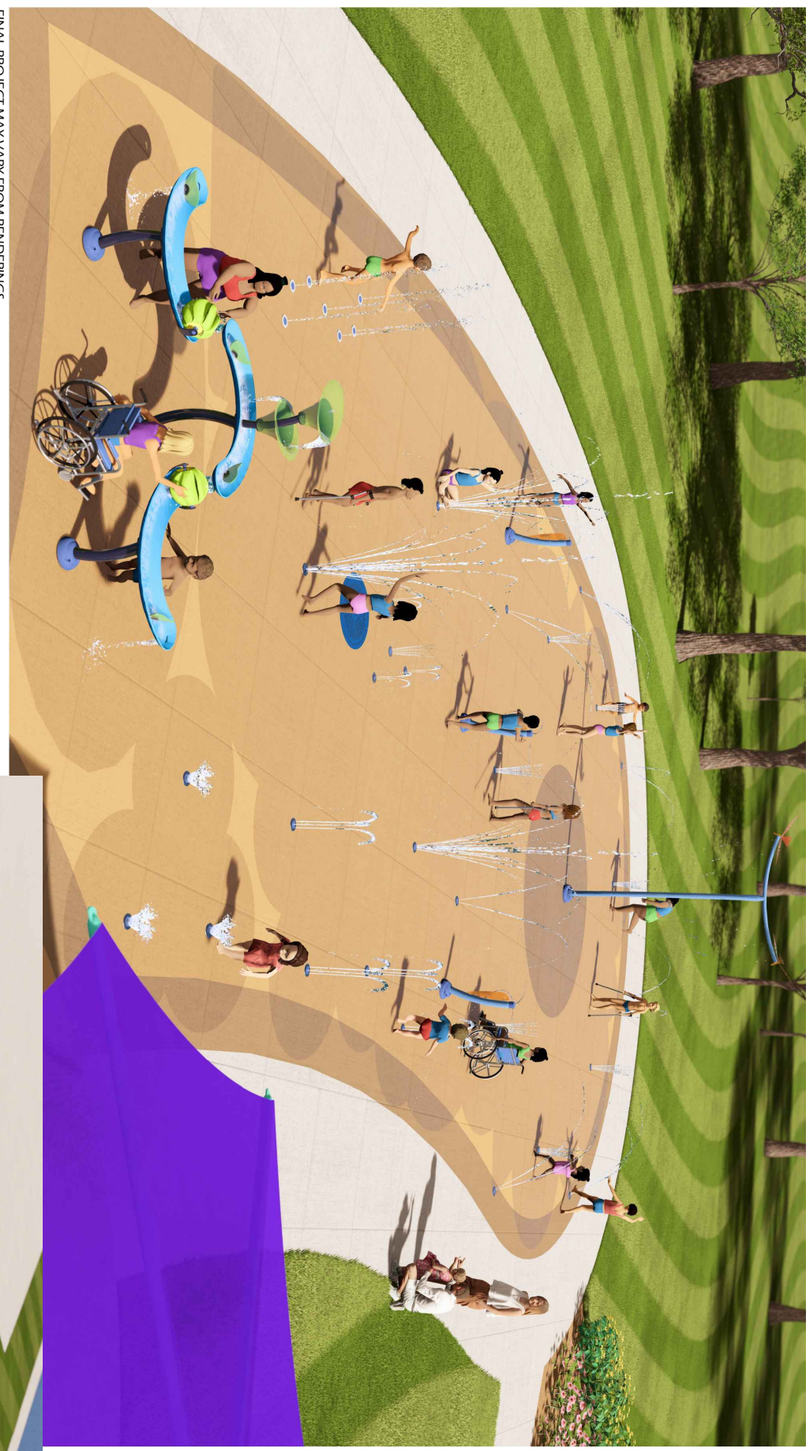
Revisions:

Project #: 24.017
Issued For: Review
Date: 12/9/2024

Sheet Number
C530

File: P:\24.017 Madison Rennebohm Splashpad\CAD\P-SP.dwg Layout: C530 User: katie Plotted: Dec 10, 2024 – 2:33am

FINAL PROJECT MAY VARY FROM RENDERINGS



C550
Sheet Number

Project #: 24.017
Issued For: Review
Date: 12/9/2024

Revisions:

Project Name:
RENNEBOHM PARK SPLASHPAD
115 N. Eau Claire Avenue
Madison, WI 53705

Sheet Title:
SPLASHPAD RENDERINGS

PARKITECTURE + PLANNING
901 Deming Way, Suite 201
Madison.WI.53717
608.203.8203
Parkitecture