

3/13/2025 3:52:23 PM Vogeiei Park Splash Pad, Hoffman Estates, IL_Mar1125.dwg © Waterplay Solutions Corp.

ITEM	SKU	COMPONENT NAME	QTY
1	0011-1522	FS AQUA-JUGGLE	1
2	0011-1518	FS HULA HOOPER	1
3	0010-0512	FS SPINNY SQUIRT	1
4	0010-7475	GS CHARLOTTE'S WEB	1
5	0011-1293	GS MISTER MISTER	3
6	0010-7493	GS MOP TOP	1
7	0010-7481	GS SOLO SPURT	3
8	0010-7482	GS SPLIT SPURT	3
9	0010-7483	GS STARLET SPRAY	1
10	0010-1854	ACTIVATOR: POWER POST	1
11	DRA-00007	DRAIN SQUARE 6IN OUTLET	2

LOCAL REGULATIONS MAY REQUIRE THE USE OF IMPACT ATTENUATING SURFACES FOR SOME INSTALLATIONS - CHECK LOCAL CODES PRIOR TO FINAL DESIGN AND INSTALLATION.

11 x 17 plot

FOR INFORMATION PURPOSES ONLY. LOCAL LANDSCAPE ARCHITECT, ENGINEER &/OR APPROPRIATE AUTHORITIES HAVING JURISDICTION MUST COMPLETE ALL PARK LAYOUT, MECHANICAL & ELECTRICAL DESIGN PRIOR TO CONSTRUCTION.

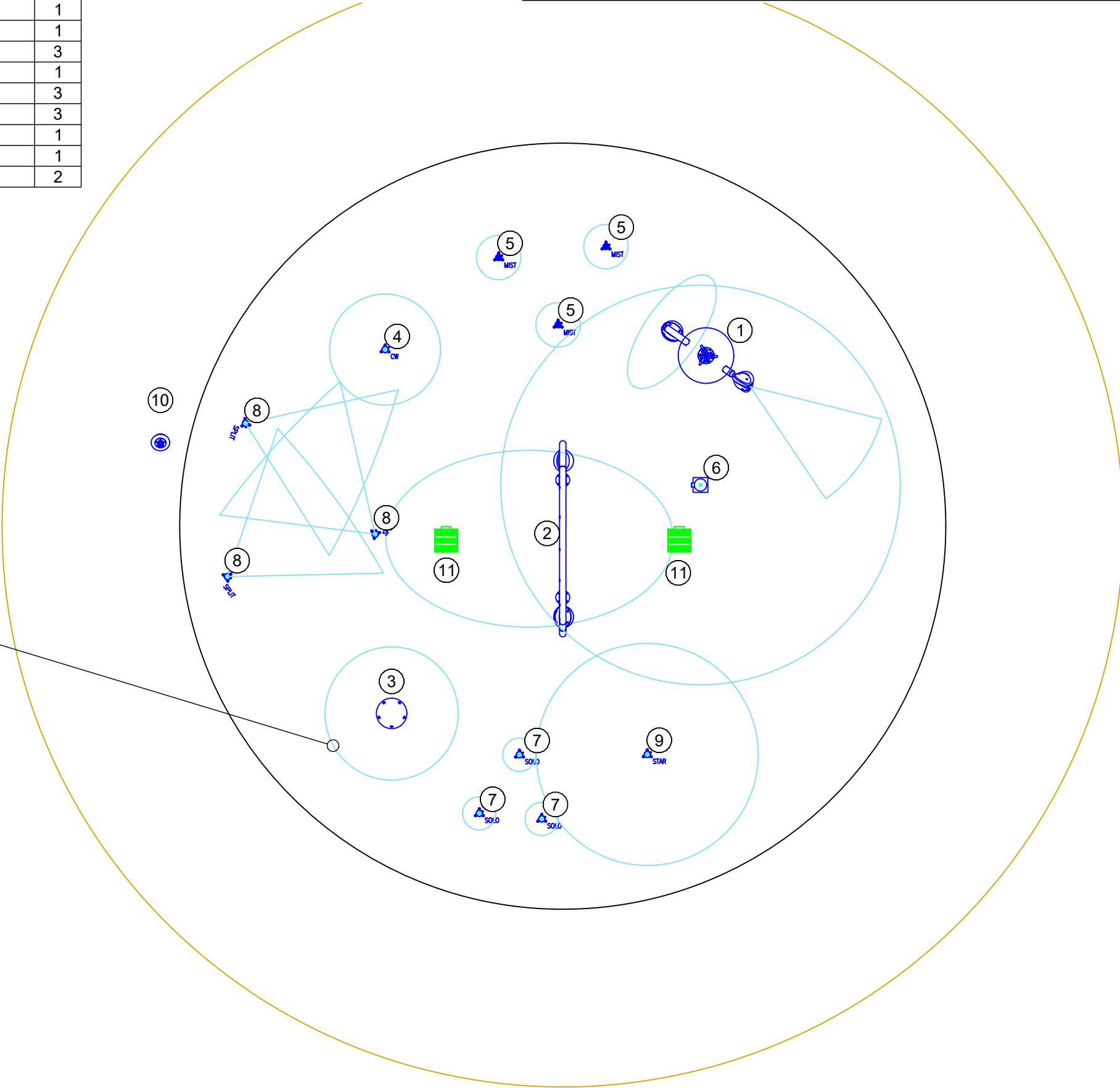
DESIGNED BY: WATERPLAY SOLUTIONS CORP			
DWG NAME: WATERPLAY CONCEPTUAL LAYOUT			SHEET 1/4
SCALE: 3/16" = 1'-0"	DRAWN BY: JH	DATE: MAR 11/25	REV #: 0

NOT FOR CONSTRUCTION PURPOSES

VOGELEI PARK SPLASH PAD
HOFFMAN ESTATES, IL

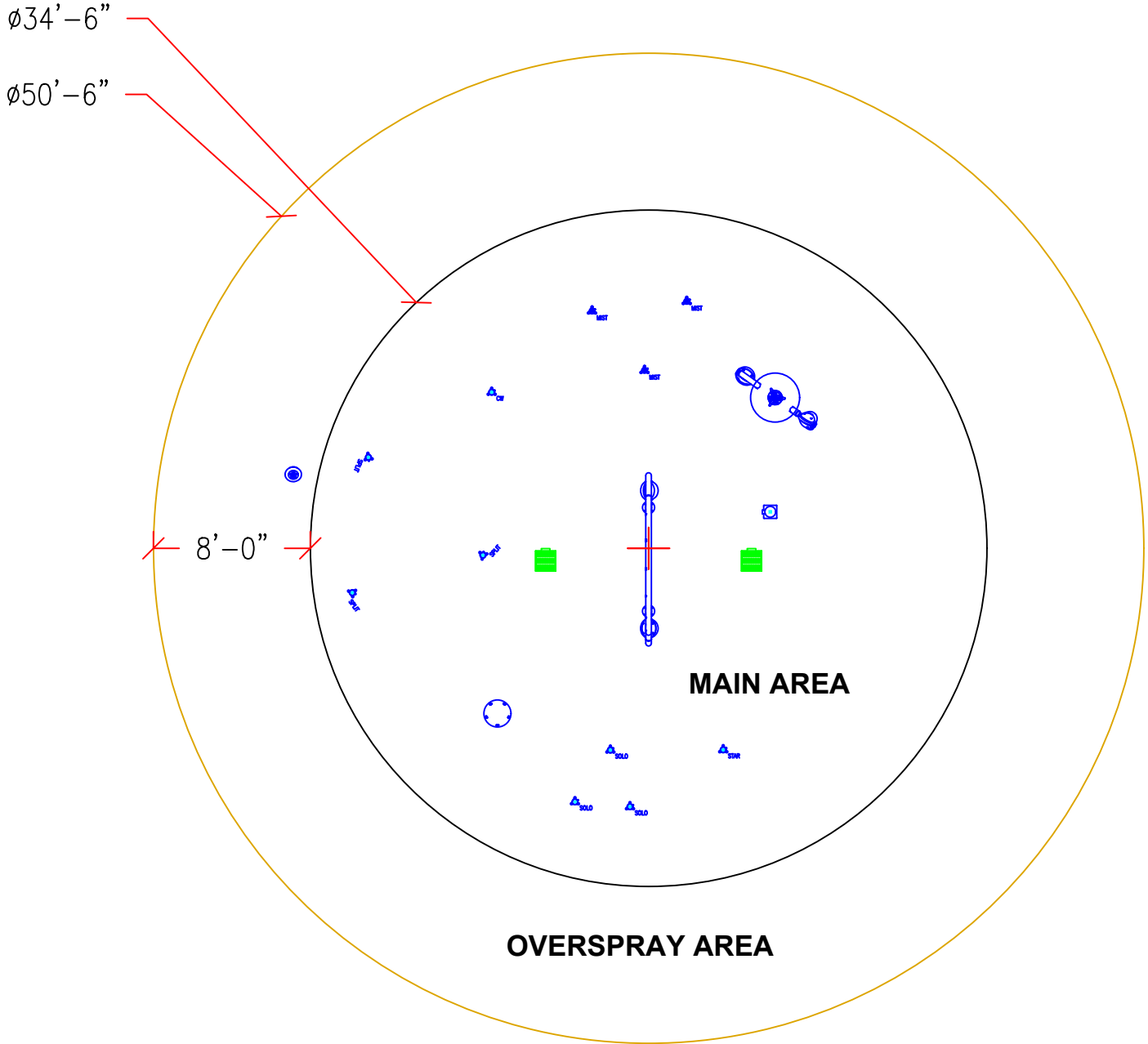
REV	DATE	REVD BY	DESCRIPTION

ESTIMATED SPRAY RADIUS AS PER RECOMMENDED FLOW RATE



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- NOTES:
- 1. MAIN AQUATIC PLAY PAD AREA: 935 SQ. FT
TOTAL AREA, INCLUDING OVERSPRAY ZONE: 2003 SQ. FT
 - 2. TO AVOID POTENTIAL DAMAGE TO SURROUNDING SOFTSCAPE AND TO KEEP PEDESTRIAN TRAFFIC FROM GETTING WET, WATERPLAY RECOMMENDS A MINIMUM OVERSPRAY OF 2.44 METRES (8'). FOR AREAS WITH HIGH WINDS, A LARGER OVERSPRAY ZONE MAY BE REQUIRED.
 - 3. GRADE SURROUNDING OUTSIDE PERIMETER LANDSCAPE TO PROVIDE ADDITIONAL DRAINAGE AWAY FROM OVERSPRAY PAD.
 - 4. SLOPES (INCLUDING MAIN AND OVERSPRAY AREAS) TO PROVIDE POSITIVE DRAINAGE TO DRAINS. IF CODE REQUIRES THAT THERE BE A ZONE SLOPING AWAY FROM THE MAIN AREA, WATERPLAY RECOMMENDS AN ADDITIONAL DRY ZONE TO MEET THAT REQUIREMENT.
 - 5. SLAB GRADES SUBJECT TO ENGINEER APPROVAL (NOTE ADA MAX CROSS SLOPE GRADE IS 2%).



11 x 17 plot

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DESIGNED BY:
WATERPLAY SOLUTIONS CORP

DWG NAME:
WATERPLAY PAD CONCEPT LAYOUT

SHEET
2/4

SCALE:
1/8" = 1'-0"

DRAWN BY:
JH

DATE:
MAR 11/25

REV #:
0

NOT FOR CONSTRUCTION PURPOSES

VOGELEI PARK SPLASH PAD
HOFFMAN ESTATES, IL

REV DATE
REV'D BY
DESCRIPTION

 **WATERPLAY**
BY 

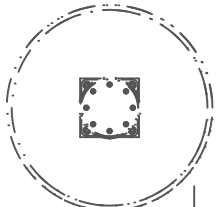
805 CROWLEY AVE, KELOWNA BC, CANADA V1Y 7G6
TEL. (250) 712-3393 FAX (250) 861-4814
EMAIL info@waterplay.com



PLAYPHASE SMALL
SEE DRAWING 0011-2156



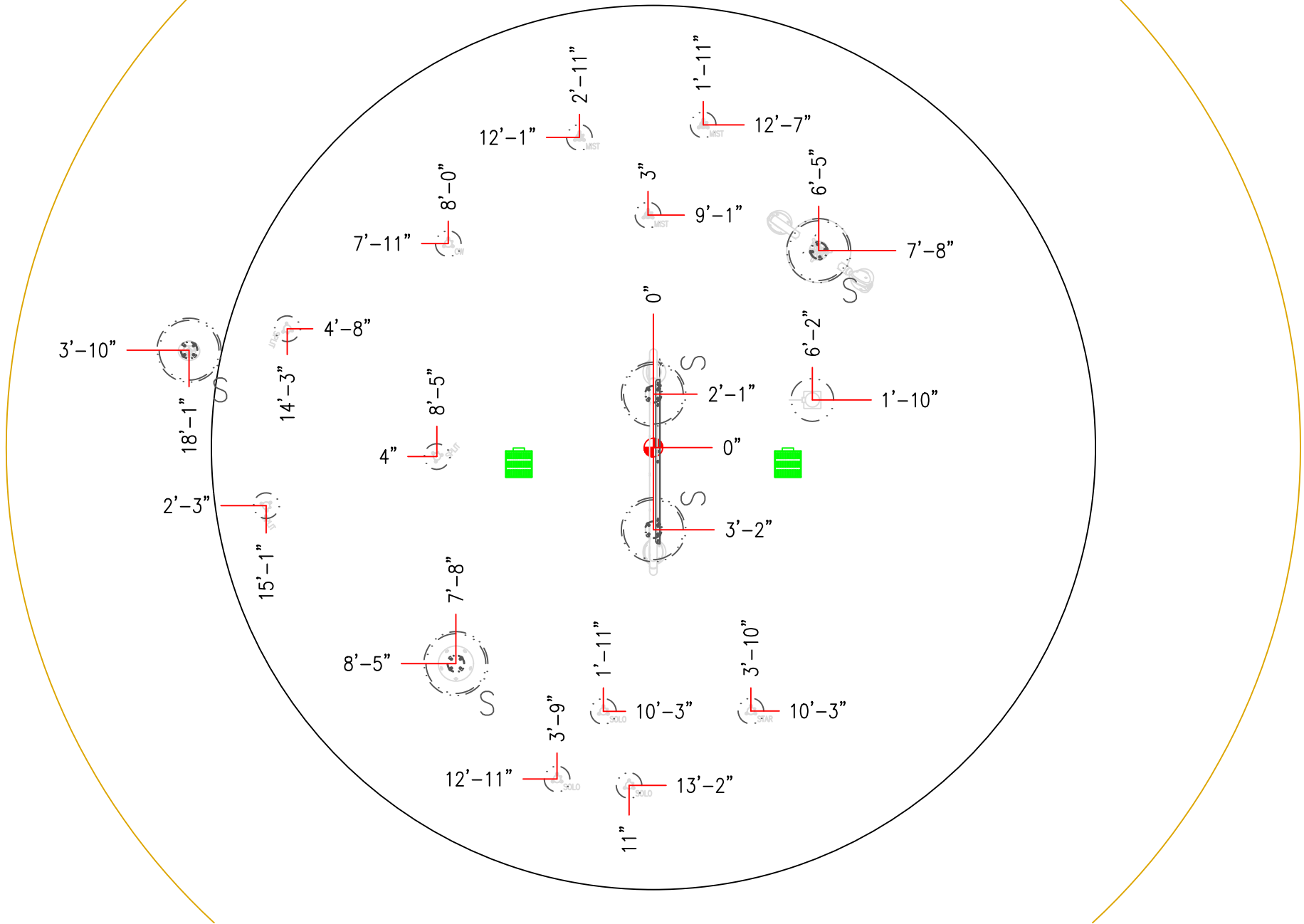
PLAYPHASE MEDIUM
SEE DRAWING 0011-1953



PLAYPHASE LARGE
SEE DRAWING 0011-1737

NOTES:
ROTATIONAL ANGLES SHOWN HERE ARE TYPICAL. USE SUPPLIED JIGS FOR CENTRE TO CENTRE SPACING OF FOOTINGS AND PLAYPHASE BASE ORIENTATIONS.
- 1 x 0011-4472 - HULA-HOOPER

- NOTES:
- ALL DIMENSIONS MEASURED FROM DIMENSION ORIGIN (0,0) TO CENTRE OF FOOTING.
 - REFER TO FOOTING DETAILS FOR EACH WATER STRUCTURE.
 - LOCATE, SIZE AND SPECIFY QUANTITY OF DRAINS TO PREVENT STANDING WATER.
 - GROUND ALL COMPONENTS TOGETHER WITH GROUNDING WIRE AND BASE PLATE GROUNDING LUG.
 - ANGLES NOTED, REFERENCE ORIENTATION OF THE PLAYPHASE BASE FLANGE FASTENERS AS THEY RELATE TO THE X-Y PLANE. FOR ANGLES NOT IDENTIFIED, FASTENERS ARE TO BE INSTALLED ALONG X- PLANE.
 - DRAIN LOCATION TO BE DETERMINED ONCE SLOPE OF SPLASH PAD IS ESTABLISHED.



11 x 17 plot

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DESIGNED BY:
WATERPLAY SOLUTIONS CORP

DWG NAME: WATERPLAY COMPONENT PLACEMENT SHEET 3/4

SCALE: 3/16" = 1'-0" DRAWN BY: JH DATE: MAR 11/25 REV #: 0

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VOGELEI PARK SPLASH PAD
HOFFMAN ESTATES, IL



805 CROWLEY AVE, KELOWNA BC, CANADA V1Y 7G6
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- NOTES:
1. THIS IS A PRELIMINARY SCHEMATIC, SITE PIPING MUST BE DETERMINED AND MEASURED ON-SITE. REFER TO LOCAL CODES TO ENSURE CODE COMPLIANCE.
 2. WATER LINES SHALL HAVE POSITIVE DRAINAGE FROM AQUATIC PLAY FEATURES TO VAULT OR LOW POINT FOR WINTERIZING AND MAINTENANCE.
 3. PRESSURE CONTROL AND BACKFLOW PREVENTER SHALL BE INSTALLED AT MAIN WATER SOURCE UPSTREAM FROM MANIFOLD VALVES, AS DETERMINED BY LOCAL AUTHORITIES.
 4. DYNAMIC WATER SUPPLY PRESSURE RECOMMENDED AT THE MANIFOLD IS 138-207 KPA (20-30 PSI). A HIGHER MANIFOLD PRESSURE MAY BE REQUIRED FOR PRESSURE LOSSES BETWEEN MANIFOLD AND FEATURES.
 5. EQUIPMENT SHALL BE EASILY ACCESSIBLE BY STAFF AND SECURED FROM PUBLIC.
 6. GPM IN VALVE TABLE IS FOR MANUFACTURER RECOMMENDED FEATURE DISPLAY.
 7. VALVE TABLE RECOMMENDED LINE SIZE BASED ON 8 FPS PIPE VELOCITY, NOT ACCOUNTING FOR PRESSURE LOSS BETWEEN MANIFOLD AND FEATURES.
 8. WATERPLAY CONTROLLER CONFIGURED FOR A POTABLE WATER SUPPLY.

VALVE TABLE				
LEG #	COMPONENT NAME	QTY/LEG	GPM	LINE SIZE FROM MANIFOLD
1	GS: CHARLOTTE'S WEB	1	3	1.5 in
2	GS: MISTER MISTER	3	3	1.5 in
3	FS: AQUA-JUGGLE	1	21	1.5 in
4	GS: MOP TOP	1	10	1.5 in
5	FS: HULA-HOOPER	1	22	1.5 in
6	GS: STARLET SPRAY	1	5	1.5 in
7	GS: SOLO SPURT	3	3	1.5 in
8	FS: SPINNY SQUIRT	1	1	1.5 in
9	GS: SPLIT SPURT	3	5	1.5 in

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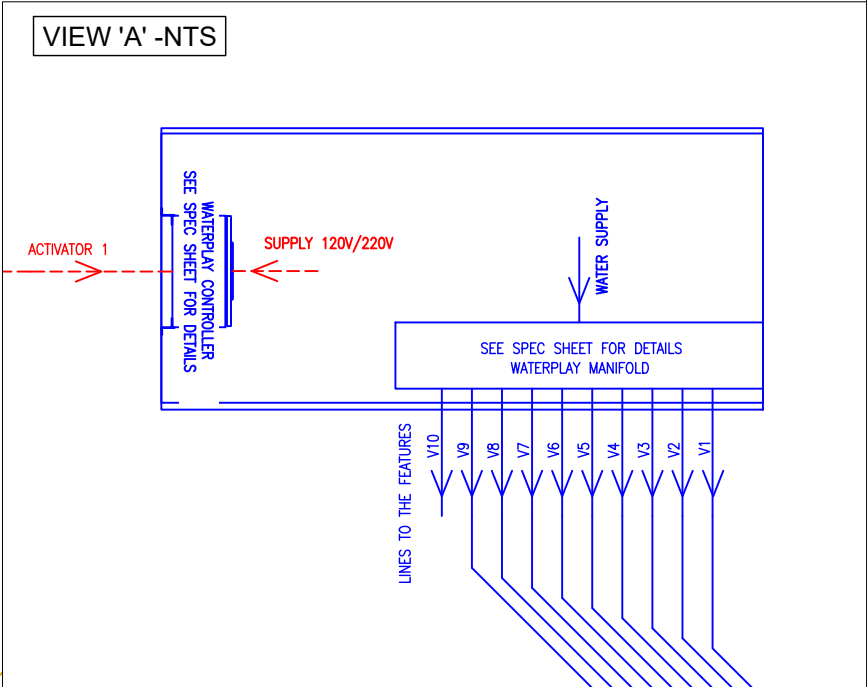
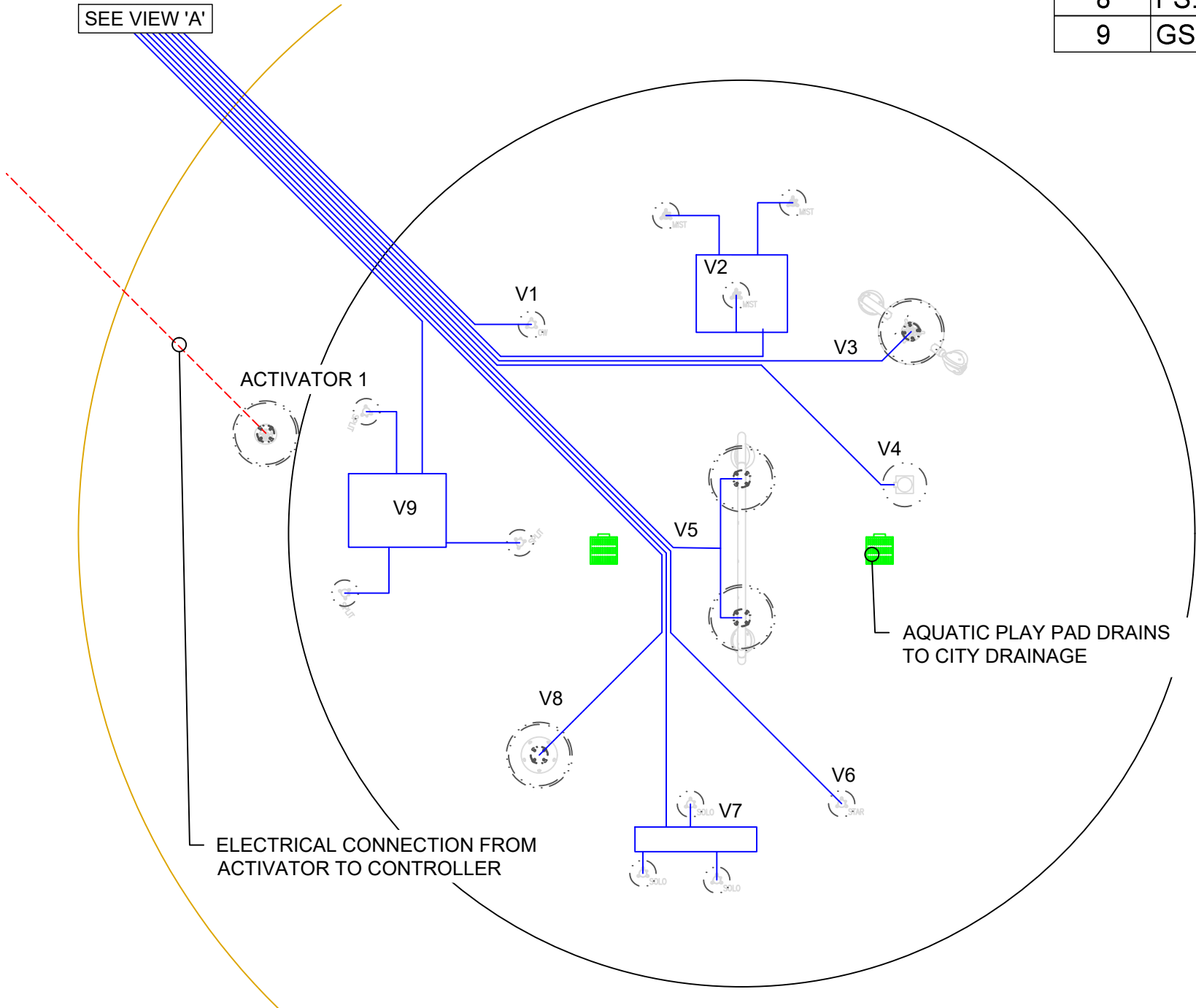
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DESIGNED BY:
WATERPLAY SOLUTIONS CORP

DWG NAME: WATERPLAY PIPING SCHEMATIC
SHEET 4/4

SCALE: 3/16" = 1'-0"
DRAWN BY: JH
DATE: MAR 13/25
REV #: 0

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VOGELEI PARK SPLASH PAD
HOFFMAN ESTATES, IL

WATERPLAY[®]
BY MAKER

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REVISIONS

REV	DATE	DESCRIPTION
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