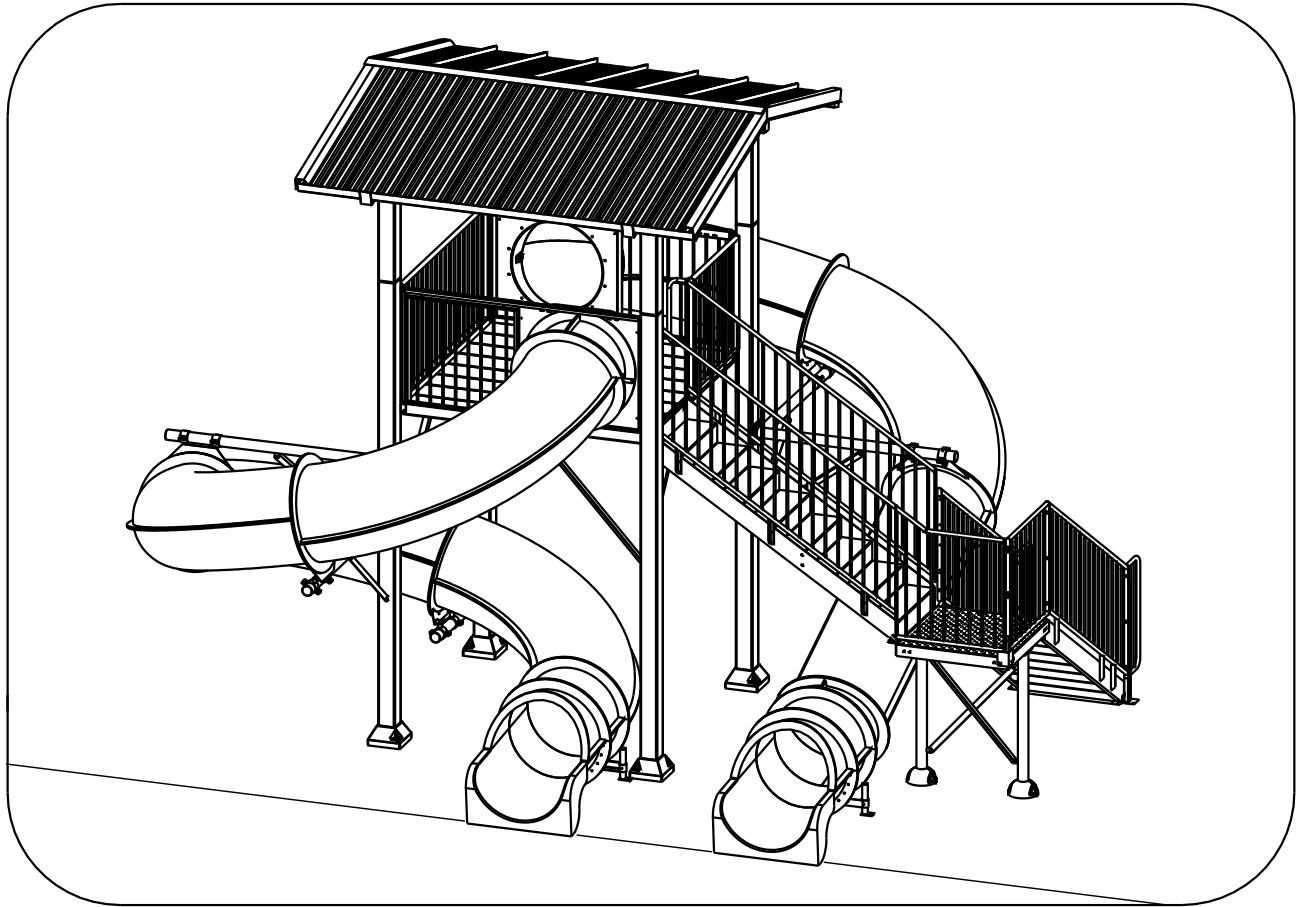




MODEL:	9412-32RH88-4R61-0736E00
SLIDE PLATFORM HEIGHT:	9' - 11"
SPASH DOWN DIMENSIONS:	20' - 0" BY 20' - 0"
MIN. WATER DEPTH REQUIRED:	3' - 0" MIN DEPTH
SPACE REQUIREMENTS:	25' - 5" BY 19' - 10"
STAIR CONFIGURATION:	7" RISE / 11" RUN (7 & 8 STEP) 36" WIDE (90° LANDING @ 56")
FLUME	MODEL 1625-32
SLIDE ENTRANCE HEIGHT:	10' - 5"
SLIDE EXIT HEIGHT:	2-1/8"
CENTER LINE RUN:	41' - 9"
TOTAL RUN:	49' - 11"
AVERAGE SLOPE:	24.51%
SIZE OF FLUME	32" ID CLOSED FIBERGLASS
GPM REQUIRED:	40-60
FLUME	MODEL 9400-32
SLIDE ENTRANCE HEIGHT:	10' - 5"
SLIDE EXIT HEIGHT:	2-9/16"
CENTER LINE RUN:	33' - 9"
TOTAL RUN:	37' - 9"
AVERAGE SLOPE:	30.21%
SIZE OF FLUME	32" ID CLOSED FIBERGLASS
GPM REQUIRED:	40-60

MINIMUM DESIGN CRITERIA:

- | | |
|----------------------------------|----------|
| • UNIFORM DECK LOAD: | 100 PSF |
| • RIDER POINT LOAD | 250 LBS |
| • WIND LOAD: | 90 MPH |
| • MINIMUM SOIL BEARING STRENGTH: | 1500 PSF |
| • MINIMUM CONCRETE STRENGTH: | 2500 PSI |

POWDER COAT SPECIFICATIONS STANDARDS:

- FLEXIBILITY (ASTM D-1735)
- IMPACT (ASTM D-2794)
- ADHESION (ASTM D-3359)
- HARDNESS (ASTM D-3363)
- OVERBAKE RESISTANCE (ASTM D-2454)
- WEATHERABILITY (ASTM D-822)

HARDWARE SPECIFICATIONS:

- ALL HARDWARE IS 304 STAINLESS STEEL
- TOWER POST ANCHORS BOLTS: 3/8" X 4-1/2" STAINLESS STEEL ALL-THREAD

MATERIAL SPECIFICATIONS:

- ALL STEEL TUBING CONFORM TO (A 500 GRADE B) STRUCTURAL TUBING.
- ALL STAINLESS STEEL IS 304
- FIBERGLASS IS 1/4" MINIMUM THICKNESS WALL AND SINGLE GEL COAT
- EPOXY: SIMPSON AT-XP HIGH-STRENGTH EPOXY ICC-ES AC308
- ALL-THREAD ANCHORS: 304 TYPE STAINLESS STEEL MEETS ASTM A320
- ANTI-SEIZE IS REQUIRED ON STAINLESS STEEL HARDWARE (NOT PROVIDED BY NATURAL STRUCTURES, UNLESS PURCHASING A TOOL KIT.)

SLIDE SPECIFICATIONS:

- FLUME SIZE: 32" ID CLOSED FIBERGLASS (BOTH FLUMES)
- FLUME SUPPORT ARMS: BY LOCATION
 - 3-1/2" OD STAINLESS STEEL PIPE
- BOTTOM SUPPORT LEGS: BY LOCATION
 - 1-1/2" ID SCH 40 STAINLESS STEEL PIPE
- ALL BASE PLATES ARE 304 STAINLESS STEEL
- WATER CONNECTION: 1-1/2" INJECTOR (EACH FLUME)

TOWER SPECIFICATIONS:

- TOWER POST: 6 X 6 X 3/16" SQ MILD STEEL TUBE
- WALLS: 42" MINIMUM HEIGHT
- WALL RUNGS: 5/8 OD X .065 SS ORNAMENTAL TUBING
- DECKING: 1/8 THICK OPEN C SECTION ALUMINUM
- BASE PLATES: 10 X 10 X 1/2 STAINLESS STEEL PLATE

STAIR SPECIFICATIONS:

- GUARD RAILS: 42" MINIMUM HEIGHT
- RUNGS: 5/8 OD X .065 SS ORNAMENTAL TUBING
- STEPS: 1/8 THICK FORMED 5052-H32 ALUMINUM
- STAIR STRINGER: 6061-T6 EXTRUDED ALUMINUM "L"

FINISH SPECIFICATIONS:

- ALL MILD STEEL IS HOT-DIPPED GALVANIZED.
- ALL METAL IS ELECTROSTATICALLY COATED WITH A POLYESTER POWDER COAT TO 6-8 MILS.
- ANY SCRATCHES OR DAMAGED PAINT TO BE TOUCHED UP AFTER FINAL ASSEMBLY.

MANUFACTURING SPECIFICATIONS STANDARDS:

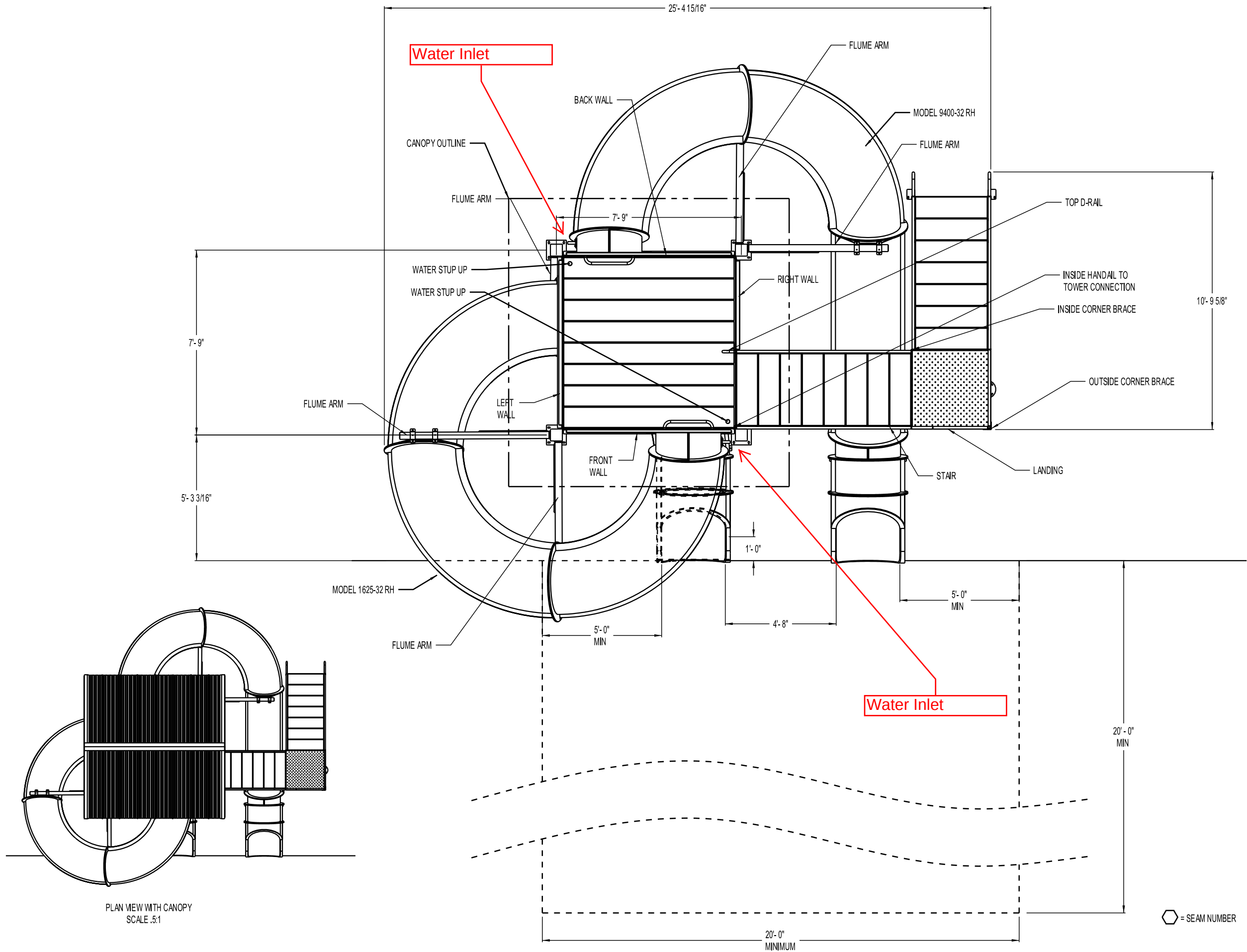
- ALL OF THE WELDING CONFORMS TO AWS-D1.1 & D1.2 CODE.

CANOPY SPECIFICATIONS:

- ROOFING: 24 GA 18" NOM STANDING SEAM
- ALL MILD STEEL HOT DIPPED GALVANIZED

- ☐ ACCEPTED
- ☐ ACCEPTED WITH COMMENTS
- ☐ REMISE AND RESUBMIT
- ☐ REJECTED

SIGNATURE _____ DATE _____



Natural Structures

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PLAN VIEW
9412-32RH88-4R61-0736E00

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REVIEWED BY:
DATE: 07/13/2022

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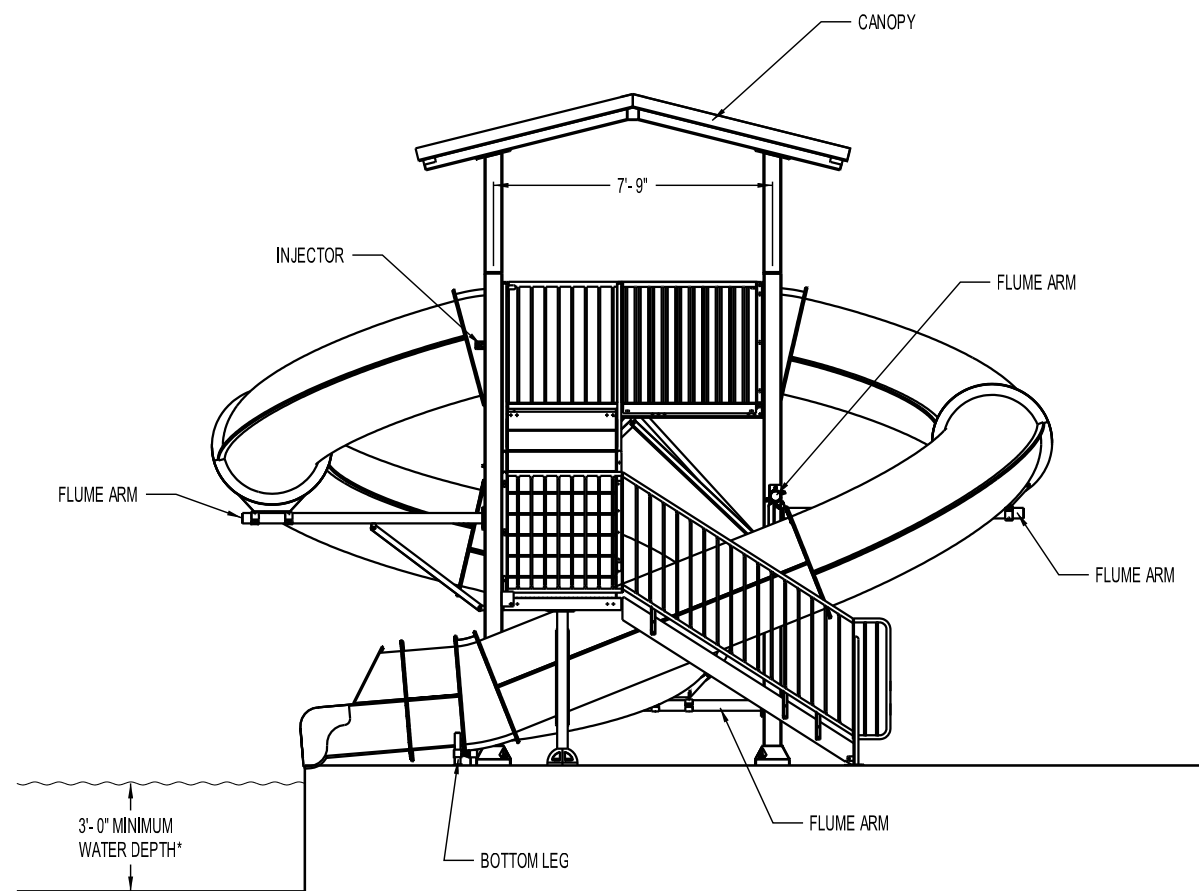
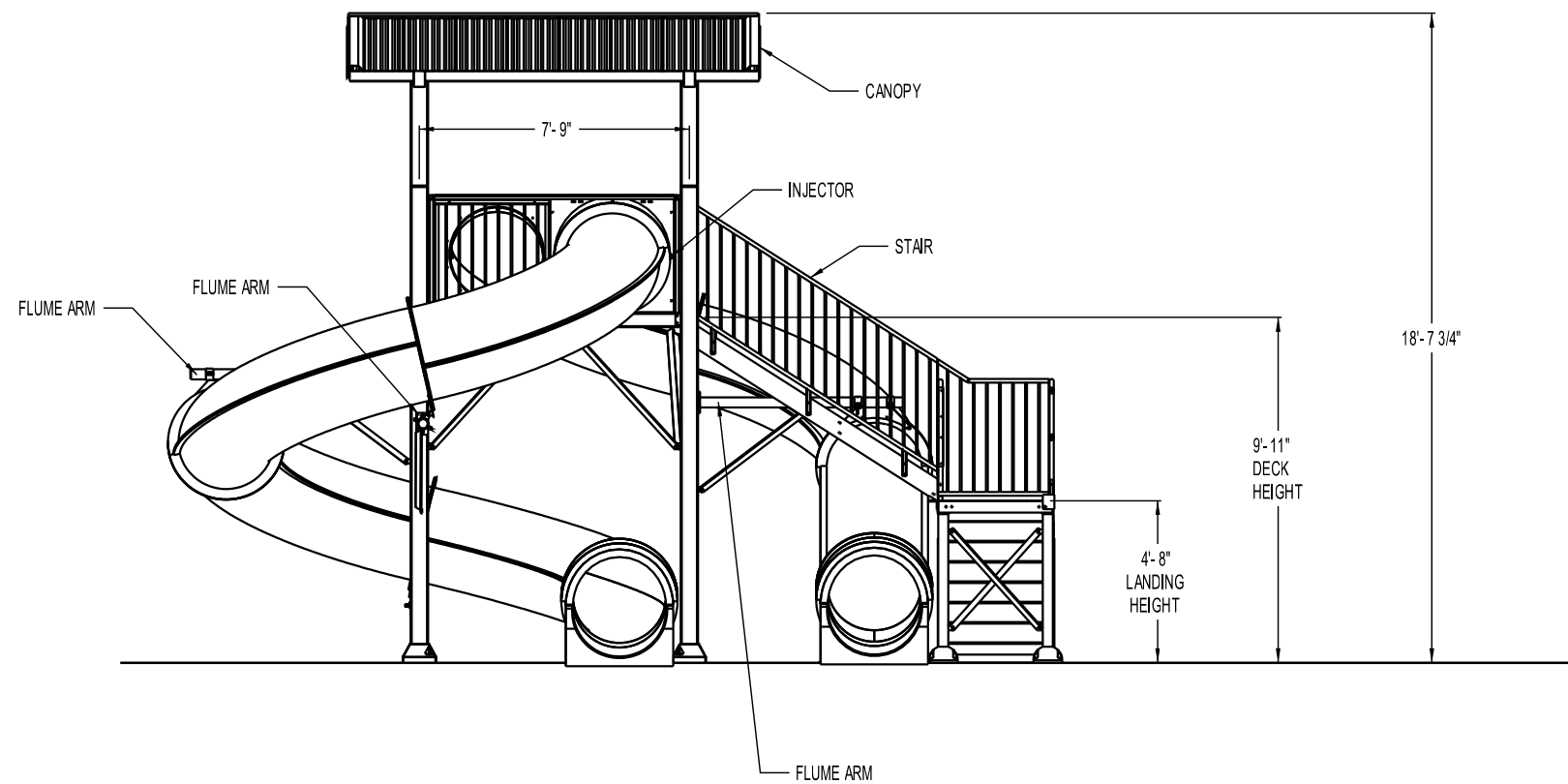
REVISION / DATE

PAGE SCALE: 1/4" = 1'

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*SEE NOTE

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ELEVATION VIEW
9412-32RH88-4R61-0736E00

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DATE:	07/13/2022	SIZE	
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