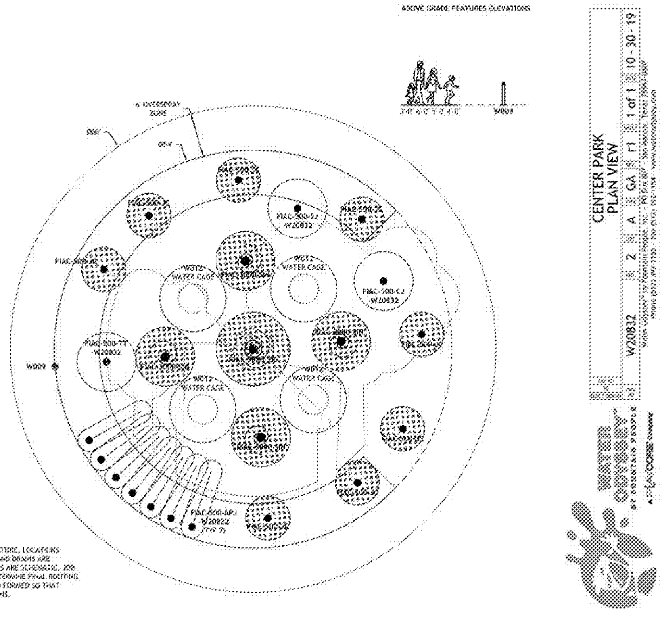
DESCRIPTION	QTY
FIAC-3000-TRI FOUNTAIN-IN-A-CAN ROTATIONAL TRIPLE JET LED LIGHT 8' HIGH 31 GPM @ 5 PSI (12 FTHD)	1
FIAC-3000-SIN FOUNTAIN-IN-A-CAN ROTATIONAL SINGLE JET LED LIGHT 4' HIGH 10 GPM (72)@3 PSI (6 FTHD)	4
FIAC-500-JC FOUNTAIN-IN-A-CAN LOW FLOW JET CLUSTER LED LIGHT 5' HIGH 7 GPM(56) @4.5 PSI(10FTHD)	8
FIAC-500-APJ-W20832 FOUNTAIN-IN-A-CAN ADJUSTABLE PRECISION JET CUSTOM LESS LED LIGHT 8' HIGH 5 GPM(56) @ 5 PSI(12FTHD)	7
FIAC-500-CJ-W20832 FOUNTAIN-IN-A-CAN CROWN JET CUSTOM LESS LED LIGHT 6' HIGH 7 GPM @ 4.5 PSI(10 FTHD)	1
FIAC-500-SJ-W20832 FOUNTAIN-IN-A-CAN SHOWER JET CUSTOM LESS LED LIGHT 6' HIGH 14.5 GPM @ 7 PSI(16FTHD)	1
FIAC-500-TT-W20832 FOUNTAIN-IN-A-CAN TWO-TIER JET CUSTOM LESS LED LIGHT 6' HIGH 14.5 GPM @ 7 PSI(16FTHD)	1
W012 WATER CAGE 4' HIGH 60 GPM (240) @ 3 PSI	4
W009 TOUCH N' GO HARD-WIRED	1

WATER QUALITY MANAGEMENT SYSTEM BY OTHERS	
CLED-15-W20832 LIGHTING CONTROL PANEL	1
DSC-8-24 SEQUENCING CONTROLLER WALL MOUNTED	1
WMF6-18-W20832 FLANGED WALL MOUNTED DISTRIBUTION MANIFOLD CUSTOM 6" HEADER	1

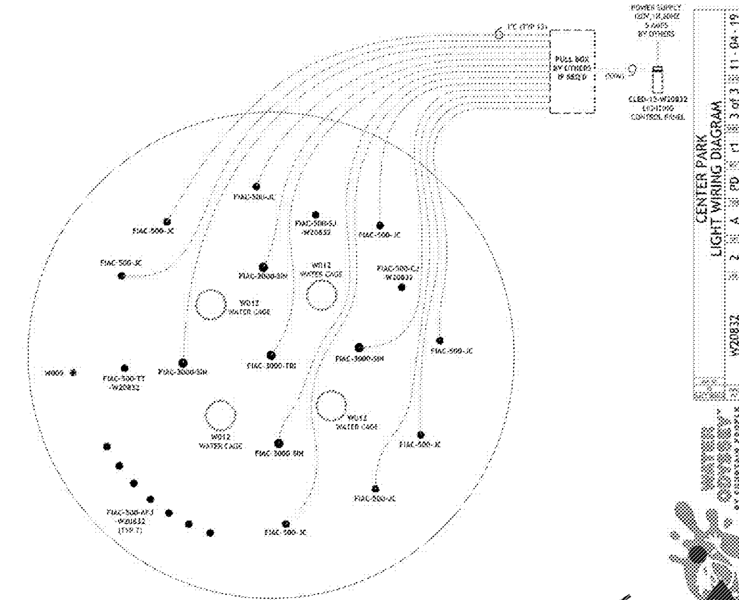
ADDITIONAL DRAINS BY OTHERS

TOTAL GPM 491



NOTES:
1. THIS DRAWING IS DIAGRAMMATIC IN NATURE. LOCATIONS RECOMMENDED FOR PLAY COMPONENTS AND DRAINS ARE APPROXIMATE. PIPING AND CONDUIT RUNS ARE SCHEMATIC. JOB CONDITIONS AND LOCAL CODES MUST DETERMINE FINAL ROUTING.
2. WET DECK AREA MUST BE POURED AND FORMED SO THAT WATER SHED AREA SLOPES TOWARD DRAINS.

3421 SQ FT
SCALE - 1/8"=1' @ 11" X 17"



3421 SQ FT
SCALE - 1/8"=1' @ 11" X 17"

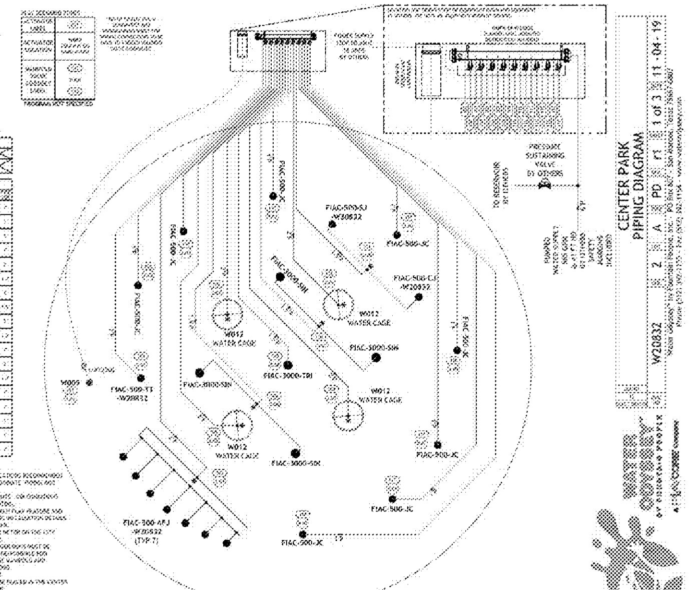
DESCRIPTION	QTY
FIAC-3000-TRI FOUNTAIN-IN-A-CAN ROTATIONAL TRIPLE JET LED LIGHT 8' HIGH 31 GPM @ 5 PSI (12 FTHD)	1
FIAC-3000-SIN FOUNTAIN-IN-A-CAN ROTATIONAL SINGLE JET LED LIGHT 4' HIGH 10 GPM (72)@3 PSI (6 FTHD)	4
FIAC-500-JC FOUNTAIN-IN-A-CAN LOW FLOW JET CLUSTER LED LIGHT 6' HIGH 7 GPM(56) @4.5 PSI(10FTHD)	8
FIAC-500-APJ-W20832 FOUNTAIN-IN-A-CAN ADJUSTABLE PRECISION JET CUSTOM LESS LED LIGHT 8' HIGH 4 GPM(56) @ 5 PSI(12FTHD)	7
FIAC-500-CJ-W20832 FOUNTAIN-IN-A-CAN CROWN JET CUSTOM LESS LED LIGHT 6' HIGH 7 GPM @ 4.5 PSI(10 FTHD)	1
FIAC-500-SJ-W20832 FOUNTAIN-IN-A-CAN SHOWER JET CUSTOM LESS LED LIGHT 6' HIGH 14.5 GPM @ 7 PSI(16FTHD)	1
FIAC-500-TT-W20832 FOUNTAIN-IN-A-CAN TWO-TIER JET CUSTOM LESS LED LIGHT 6' HIGH 14.5 GPM @ 7 PSI(16FTHD)	1
W012 WATER CAGE 4' HIGH 60 GPM (240) @ 3 PSI	4
W009 TOUCH N' GO HARD-WIRED	1

MECHANICAL EQUIPMENT (RECIRCULATION BY OTHERS)	
CLED-15-W20832 LIGHTING CONTROL PANEL	1
DSC-8-24 SEQUENCING CONTROLLER WALL MOUNTED	1
WMF6-18-W20832 FLANGED WALL MOUNTED DISTRIBUTION MANIFOLD CUSTOM 6" HEADER	1

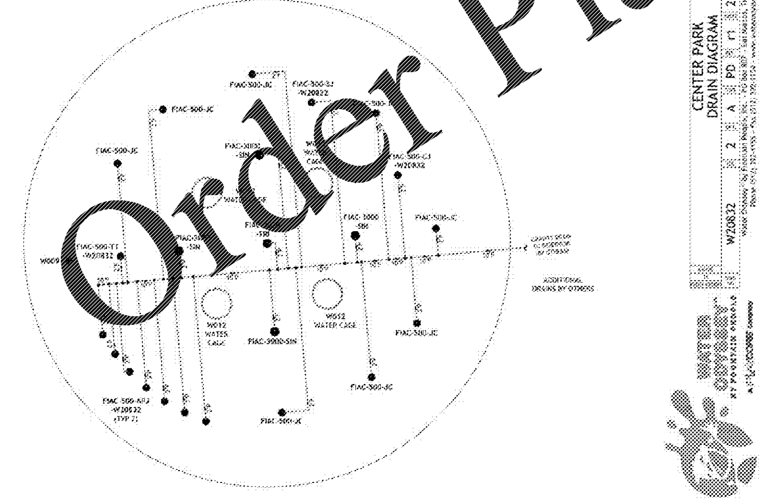
JUNCTION BOXES IF REQ'D BY OTHERS

ADDITIONAL DRAINS BY OTHERS

TOTAL GPM 491



3421 SQ FT
SCALE - 1/8"=1' @ 11" X 17"



3421 SQ FT
SCALE - 1/8"=1' @ 11" X 17"

City of Centerville GA
Parks and Recreation Department
Center Park

he City of Centerville is soliciting request for proposals from qualified vendors to complete a playground : Center Park. The work will consist of the provision and installation of a playground. The City will only ccept proposals from a single vendor to complete the full scope of work and will make a single award to ne vendor. The contractor's insurance certificate with worker's comp should be included with the bid. he City will be the sole judge as to whether responding bidders have met the minimum requirements of his RFP. The City reserves the right to select the responding Contractor they feel will provide the best hat product and service and will not be bound to the lowest bid amount.

eneral Project Scope
he City of Centerville seeks proposals of qualified firms for their upcoming playground project at Center ark. Responding contractors may submit no more than 2 design proposals. The general scope shall clude, but not be limited to, the following work and must be compliant to the following minimum general pecifications. Responding bidders must provide and a lifetime labor warranty for the playground quipment as detailed below. Warranties must be submitted with the bid.

layground General Project Scope
ontractor to submit a design for this project that must include at the minimum a 2-5YR play structure that romotes active play. It is the intent of the City to have a unique play environment. The proposal must clude safety surfacing and borders. The surfaced area should at minimum be 6734 SF and must onsist of EPDM.

he Contractor must include all installation costs in their bid for a complete turn-key proposal. dditionally, responding contractors must supply a written and signed lifetime labor warranty and the dditional cost for the labor warranty. This labor warranty should be written to cover the installation costs f any playground components covered under manufacturer's warranty for the full life of the manufacturer arranty. Bidder should provide manufacturer's warranty and reference it in their lifetime labor warranty. ailure to include written lifetime labor warranty will result in the respondent's bid being considered void nd null. A full line item quote should be included detailing the cost for the equipment, installation, freigh nd lifetime labor warranty.

ontractor should include safety surface and containment borders for the surface. It must minimally over the required use zones of the proposed playground equipment and provide the required fall height rotection of the play equipment as required in the ASTM playground guidelines.

PLAYGROUND EQUIPMENT MINIMUM REQUIREMENTS

layground structure shall be constructed of 5" round steel posts with a .120" wall thickness and a alvanized Flo-Coat finish inside and out. 2 3/8", Square, or Poly Recycled Posts will not be accepted.

owder coating shall be electrostatically applied to all metal components via a two-coat process and must chieve a *minimum* average thickness of 11 mils. Decks shall receive PVC coating as specified to chieve a *minimum* of 100 mil average thickness.

idder must provide full systems specifications, designs, renderings, warranty information (including etime labor warranty and associated costs), post connection information and powder coatings pecifications to be considered.

Shipping, Installation and Warranty
Installation must be completed by manufacturer certified installer. Bidder must provide written proof of warranty and installer qualifications. City of Dickson *will not* be responsible for loading/unloading of any equipment and *will not* store any equipment.

GENERAL SPECIFICATIONS (Playground Equipment)
Metal Hardware shall be zinc plated, galvanized, or made of stainless steel as required to resist rust and corrosion. Tamper resistant hardware shall be used for all principal connections.

Stainless Steel Hardware shall be stainless steel as required to resist rust & corrosion. Tamper resistant hardware shall be used for all principal connections.

Zinc and Stainless Steel Hardware shall be zinc plated, or made of stainless steel as required to resist rust & corrosion. Tamper resistant hardware shall be used for all principal connections.

Galv. and Stainless Steel Hardware shall be galvanized, or made of stainless steel as required to resist rust and corrosion. Tamper resistant hardware shall be used for all principal connections.

Hardware Caps shall be a UV-Stabilized, polypropylene based plastic consisting of two parts, a base and crown. Specified hardware is attached through the base to post support and then finished with a crown to form a smooth tamper-resistant attachment point.

Post Caps shall be precision die-cast from a high strength aluminum alloy and powder coated as specified. Post caps shall be of an ***Exclusive*** self-sealing design with an overlapping lip and are factory installed and secured in place with a self-sealing rivet. Available for Round-5 and Round-3.5 systems. ***IMPORTANT:*** Self Sealing Post Caps are mandatory.

High Density Polyethylene - (HDPE) Sheet Stock Parts shall be made from 1/2", 3/4" or 1" thick, high-density, hot extruded polyethylene sheet plastic specially formulated for optimum UV stability and color retention. Parts shall meet or exceed density of .955 g/cc per ASTM D1505, tensile strength of 4000 PSI per ASTM D638. Panels are cut or machined to size with design elements routed in. Parts are available in a variety of solid or dual-color designs. All HDPE Sheet Stock Parts shall comply to ASTM standards: D790 (Flex Modulus Test), D648 (Heat Distortion Temperature Test).

Metal Parts shall be zinc or cadmium plated, galvanized, PVC coated, painted and/or powder coated as required to resist rust and corrosion.

Tube Steel used in most applications shall be heavy-gauge and pre-galvanized. Tube shall be formed and/or fabricated into required components and finished as specified. All Steel Tube parts shall comply with ASTM standards: A-500/A-513 (Steel Tubing).

Powder Coating shall be electrostatically applied to metal components. Surfaces shall be free of excess weld and spatter. Components shall be shot blasted and then further cleaned in a multi-step process that includes a hot phosphatizing bath and rinse and finished with a non-chrome seal for added corrosion resistance. Additionally, components shall be preheated to fully dry prior to coating for superior powder adhesion. Finally, powder shall be applied to all pre-treated components in an ***Exclusive*** two coat process to achieve an average thickness of 11 mils. All polyester powder coatings shall comply with ASTM standards: D-522 (Flexibility Mandrel Test), D-2794 (Impact Resistance Test), B-117 (Salt Spray Weatherability Test), D-3363 (Pencil Hardness Test), D-2454 (Overbake Resistance Test), D-3359B (Adhesion Crosshatching Test).

PVC Coating shall be applied to metal components for a 100 mil. minimum average thickness. Prior to coating, components shall be washed, phosphatized and primed. After preheating to a minimum of 350 degrees, components shall be dipped in a UV stabilized Polyvinyl Chloride liquid & shall be salt cured at

400 degrees. All PVC Coated Parts shall comply to ASTM standards: D-624 (Tear Strength Test), D-412 (Tensile Strength Test). PVC Coatings are available in Brown, Blue, Green, Tan & Red.

RotoMold shall be made from hot compounded linear low density polyethylene resins. Hot compounded polyethylene resins offer superior durability and fade resistance from UV inhibitors and colorants molded-in. All linear low density polyethylene plastic shall have a minimum 2500 PSI tensile strength per ASTM D 638-02. Parts shall have an average wall thickness of .250". Parts are available in a variety of solid colors. All Roto Molded Parts shall comply with ASTM standards: D-790 (Flex Modulus Test), D-648 (Heat Distortion Temperature Test), ARM-STD (Low Temperature Impact Test).

Steel Decks Steps (platforms, bridges, ramps, steps, etc.) shall be constructed using a combination of 12 gauge sheet steel which shall be formed and fabricated into required designs with deck sides and additional parts of deck being fabricated out of 10 or 12 gauge sheet steel. All steel deck standing surfaces and stepping surfaces shall have a slip-resistant PVC coating minimum of 100 mil average thickness, with a uniform 5/16" diameter hole pattern. Deck faces shall have up to 6 attachment slots to accommodate face mounting components. All sheet steel shall conform to ASTM A 1011-02. ***IMPORTANT:*** Inferior expanded steel shall not be used on any decks or stepping surfaces.

Steel Walls shall be fabricated using 1.029" O.D. 14 gauge tube steel welded vertically on 4" centers between vertical 1.315" O.D. 12 gauge tube steel balusters and horizontal 1.315" O.D. 12 gauge tube steel rails, top & bottom. Brackets may be welded to the ends of each rail and between the verticals to provide attachment points. Walls shall be finished with a multi-stage baked-on powder coat finish.

Vertical Deck Fillers shall be designed to eliminate the crawl space between decks at different elevations. All deck in-fills shall be made from 12 gauge sheet steel and powder coated after fabrication.

Warranty

LIFETIME LABOR WARRANTY to cover the replacement labor of any playground component covered under the manufacturer's warranty for the life of the materials warranty. Written labor warranty must be included with bid response.

LIFETIME LIMITED WARRANTY on all stainless steel hardware, metal posts, aluminum posts, aluminum caps and aluminum clamps against structural failure due to natural deterioration or corrosion, or defects in materials or workmanship.

TWENTY-FIVE (25) YEAR LIMITED WARRANTY on all cast aluminum Spring Rider castings against structural failure due to defects in materials or workmanship.

FIFTEEN (15) YEAR LIMITED WARRANTY on all metal rails, metal slides, handles, rungs, loops and walls, all PVC coated perforated steel decks, steps, and bridges, all rotationally molded and HDPE sheet plastic components, excluding recycled plastic components, against structural failure due to defects in materials or workmanship.

TEN (10) YEAR LIMITED WARRANTY on all shade canopy fabric made of UV Stabilized HDPE monofilament yarn and tape against significant fading.

FIVE (5) YEAR LIMITED WARRANTY on all rope components against failure due to defects in materials or workmanship.

THREE (3) YEAR LIMITED WARRANTY on all springs, moving swing parts, swing seats and other swing components, as well as all recycled plastic components against failure due to defects in materials or workmanship.

ONE (1) YEAR LIMITED WARRANTY on any other product or part not specifically covered above against failure due to defects in materials or workmanship.

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STATE OF GEORGIA · DAVID J. SELBY · REGISTERED ARCHITECT

CENTER PARK RESTROOM FACILITIES AND SHADE PAVILION

City of Centerville

103 E CHURCH ST
CENTERVILLE, GA
31028

REVISIONS

#	DATE	DESCRIPTION

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Date:	11/04/19
Drawn By:	BF
Checked By:	DJS
Project Number:	2018-077
Drawing Name:	**VENDOR DESIGN AND SPECIFICATIONS**
Drawing Number:	**A9-1**

CONSTRUCTION DOCUMENTS

11/6/2019 11:31:04 AM