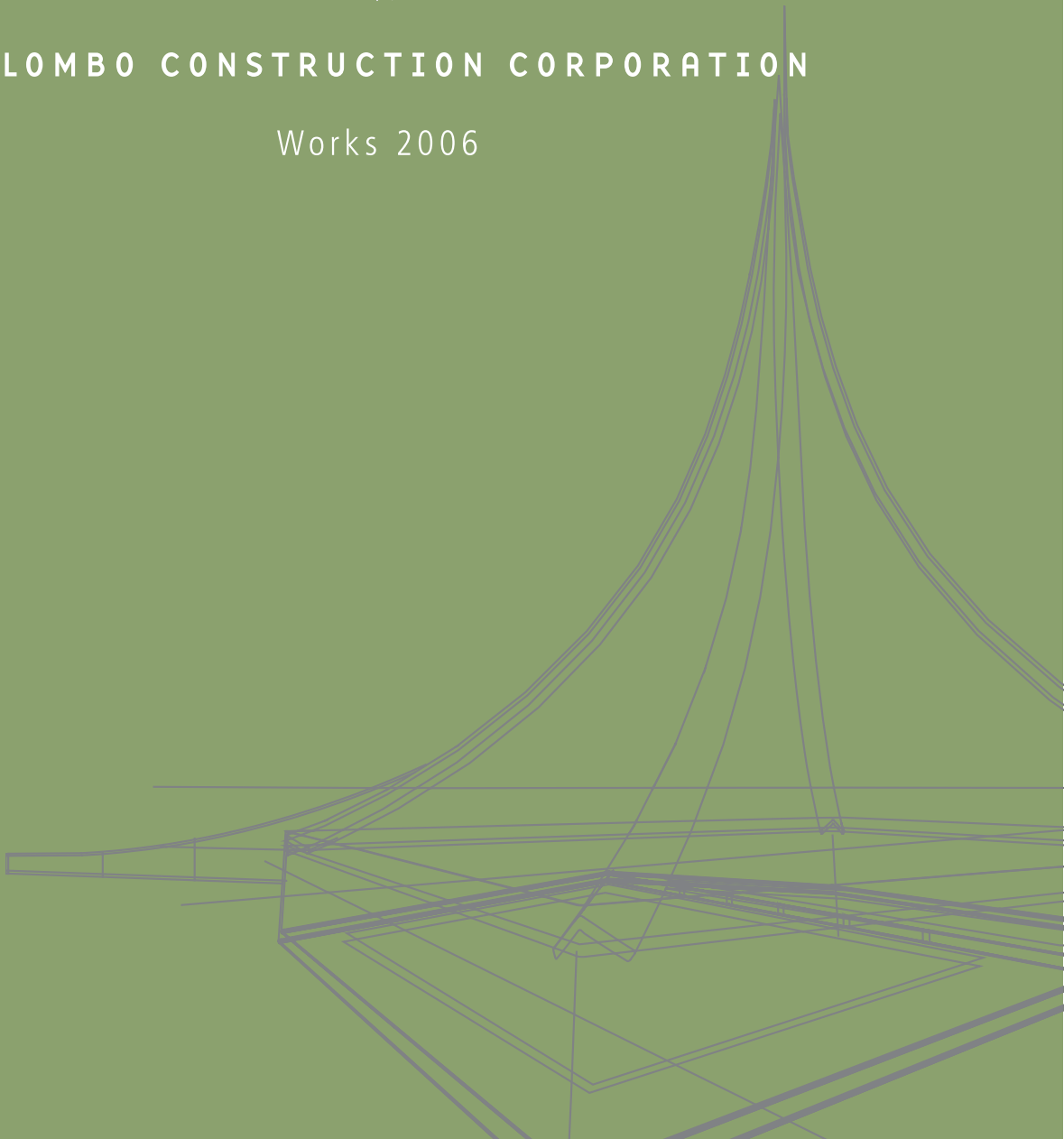
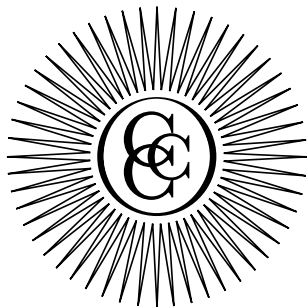
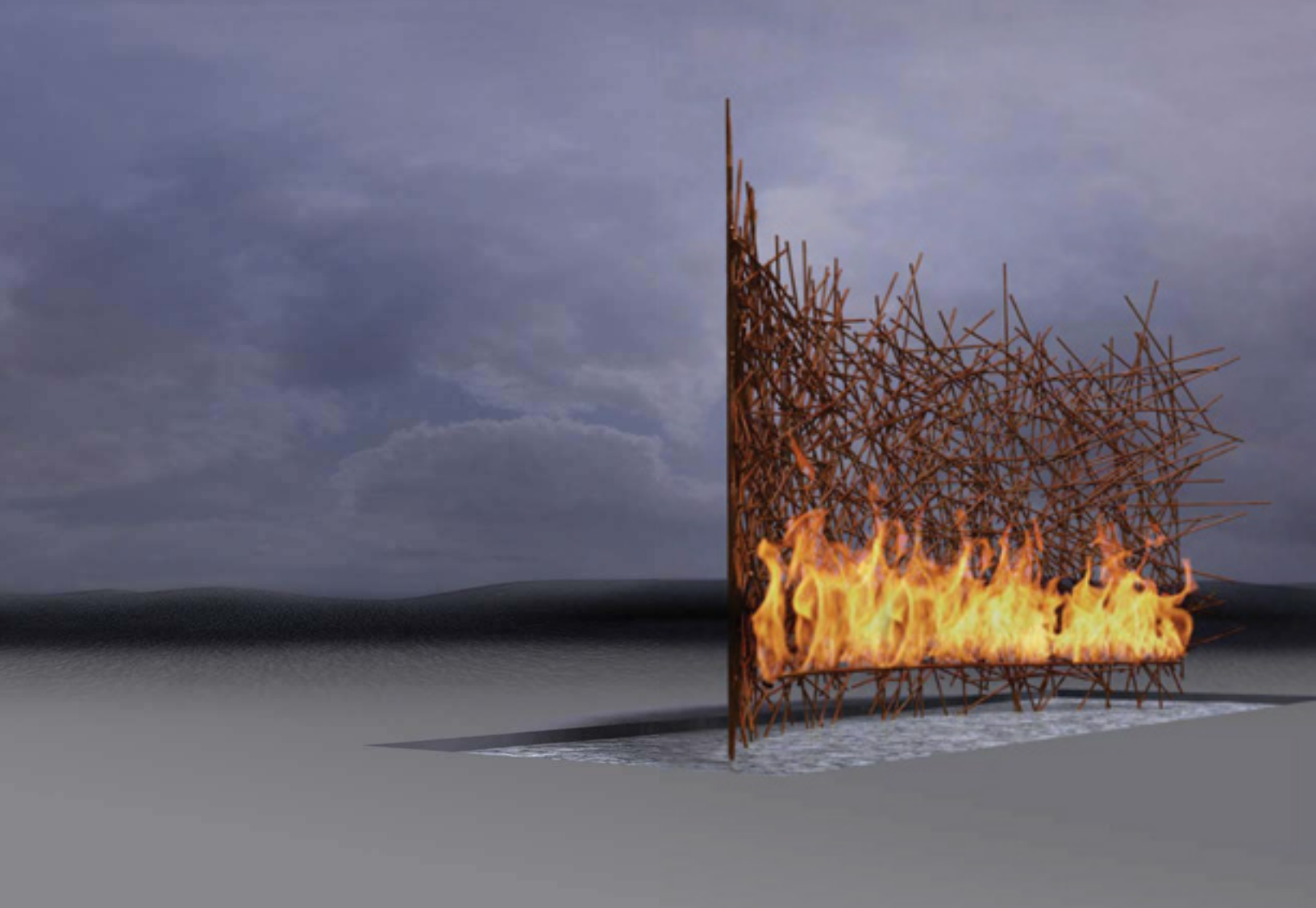


COLOMBO CONSTRUCTION CORPORATION

Works 2006







By adorning our exterior environment we are collaborating with nature in a timeless and ritualistic manner.



Colombo Construction is a full service design and fabrication firm specializing in site specific, large-scale exterior works: fire and water features, wind sculptures, memorials, markers, spaces for meditation and for ritual celebrations, garden and landscape design, and earthworks.

Elena Colombo's sculpture and exterior spaces connect architecture to the landscape through the use of simple, elegant, and ancient forms that address our primal need for the elements; earth, fire, water and wind.

Elena is a designer, builder, and classically trained sculptor who works in bronze, steel,

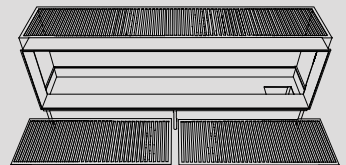
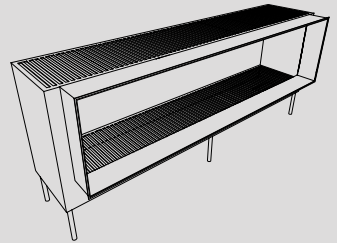
Table of Contents

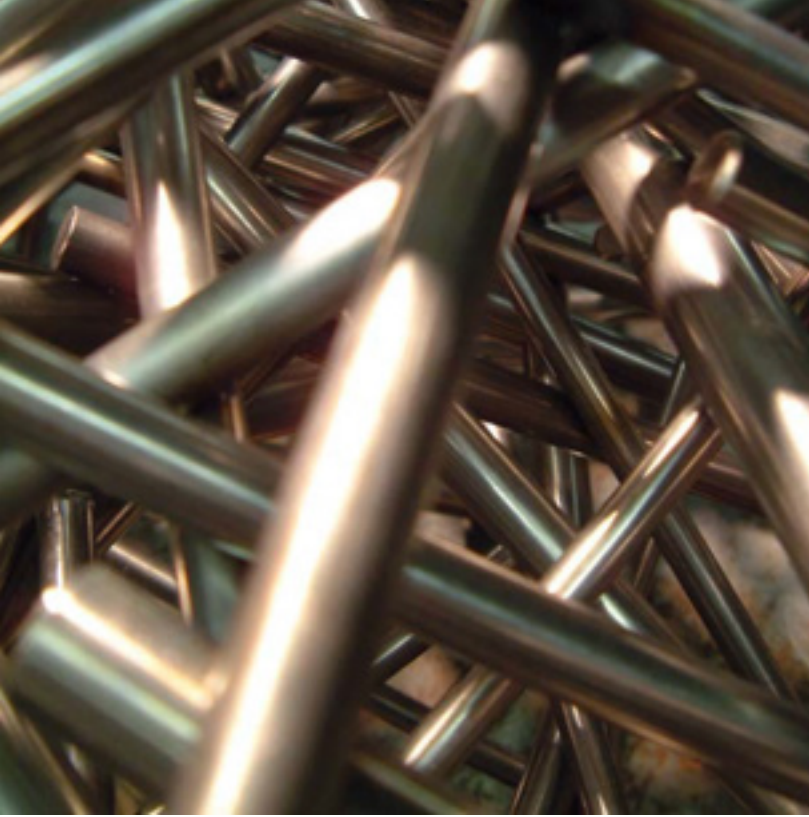
2	Branch Wall, horizontal
6	Fire Slit
8	Stainless Steel Branch Insert
9	Paul Hobbs Winery Custom Fireplace
11	Fire Grass
12	Cor-Ten steel Firebowl with branch insert
13	Cut-out, powder coated steel bowl
14	Double Waterwall
15	Curved Waterwall
16	Bronze Waterchain
17	Floating Waterbowl
18	Colombo Construction Corp Showroom
20	Fire Arc
21	Hanging Fire Table
22	Revolving Mirror Chain
24	Charles Doig Memorial
28	Fire Rings
30	Blood Red Powdercoat with Ginko
31	Silver Vein Powdercoat
32	Overview page from Manual Pilot Owner's Manual
33	Fly page ad for Hudson House and Garden
34	Control Panel
35	Quick Look Page for Sub-Grade Electronic Ignition System
36	Firebowl type sheet
37	Promotional postcard
38	Fire Spill
40	Fire Nest
41	Ignition instructions from Manual Pilot Owner's Manual
42	Stone Mandala
44	Fabrication of 8' Firebowl with Branch Insert
45	Fire Roll
46	Safety screens
47	Warning label
48	Page from Sub-Grade Electronic Ignition System Manual
50	Waterbowl
52	Branch Wall, vertical
54	Roadside Memorial
55	Ink drawing
56	Fire Stack
57	Granite slab photo etching
58	Photos, Paris
59	Mild steel Firebowl
60	Puddle Farm
61	Circle drawing
62	Private residences of Elena Colombo
63	Biography
67	Contact



FIRE SLIT

30ft stainless steel façade cut with a 25ft slit revealing a gas-fed interior line of flame. Can be custom designed and mouted inside or outside, on a wall or in the ground.



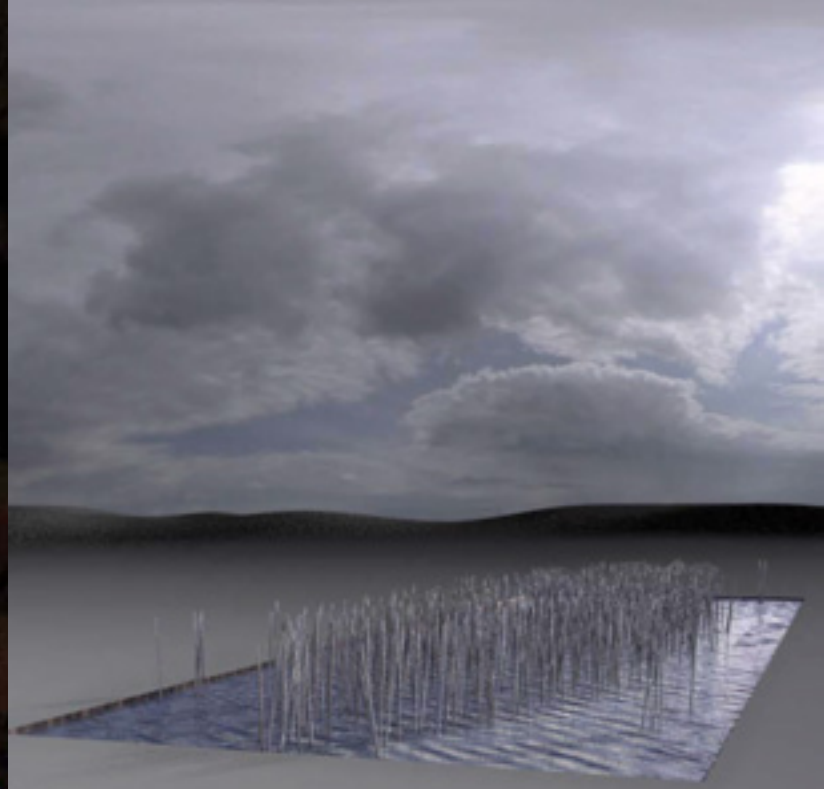


STAINLESS STEEL BRANCH INSERT



PAUL HOBBS WINERY CUSTOM FIREPLACE

6ft by 8ft blackened steel firebox
with stainless steel decorative grass
insert and 6ft vertical burner.



FIRE GRASS A shallow pool of softly moving metal grasses surrounding a line of fire. All the elements - earth, air, fire, and water - are represented.

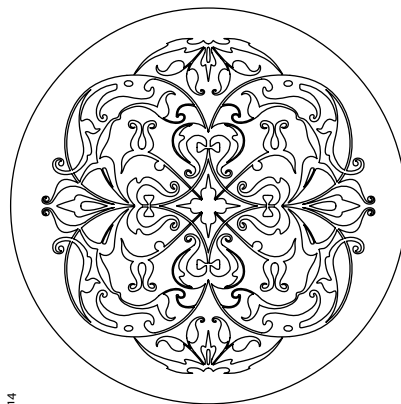
Unlit during the day, the piece appears as a still, serene pool with sculptured metal marsh grass. The grasses are of thin, round spring metal which catch and move in the wind. At night, a line of fire burns and reflects on top of the water.



FIREBOWL WITH BRANCH INSERT



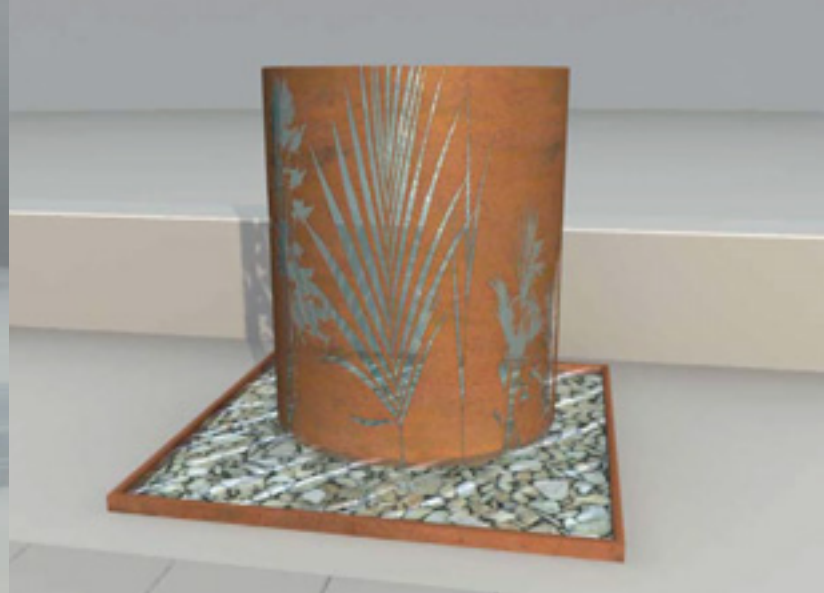
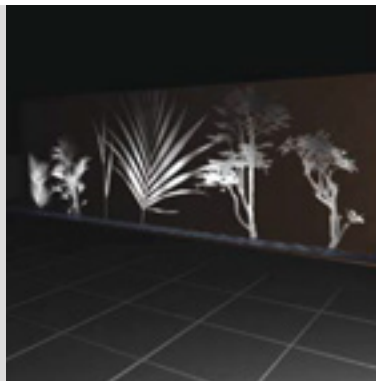
CUT-OUT FIREBOWL





DOUBLE WATERWALL

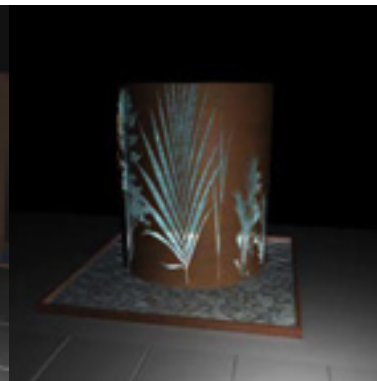
Two adjacent cold-rolled steel sheets with symmetrical foliate patterns, free standing in a 3ft by 16ft collecting pool. The steel sheets, a translucent wall of falling water between the sheets, and the ambient sound of the cascade serve as a privacy screen.



CURVED WATERWALL

Half round 1 inch thick cold-rolled steel sheet with water-jet cut tree and foliate pattern, free standing in a 6ft by 6ft collecting pool. Uninterrupted, a curved sheet of water falls down behind the face of the wall into the collecting pool.

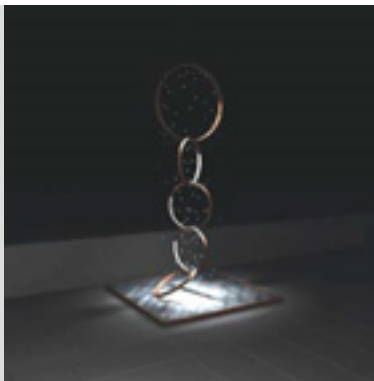
At night, the water is lit from below, illuminating the trees with translucent blue, watery light. The sound is of a natural waterfall into a deep pond.





B R O N Z E W A T E R C H A I N

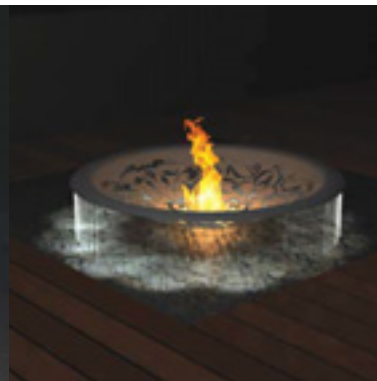
Stacked perforated bronze rings with dripping water in a 6ft by 6ft collecting pool. Heavy drops are illuminated in daylight by the sun and at night by directed lights mounted inside the collecting pool.



F L O A T I N G W A T E R B O W L

Perforated powder-coated steel bowl in a collecting pool, variegated white pebbles, mounted lights. A veil of water sheets from under the lip of the bowl into the pool.

At night, lights mounted under the edge illuminate the falling water. This water feature may include an eternal flame in the center of the bowl.







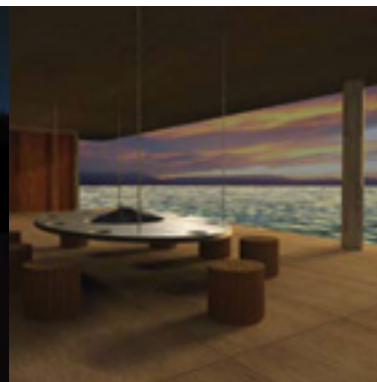
FIRE ARC

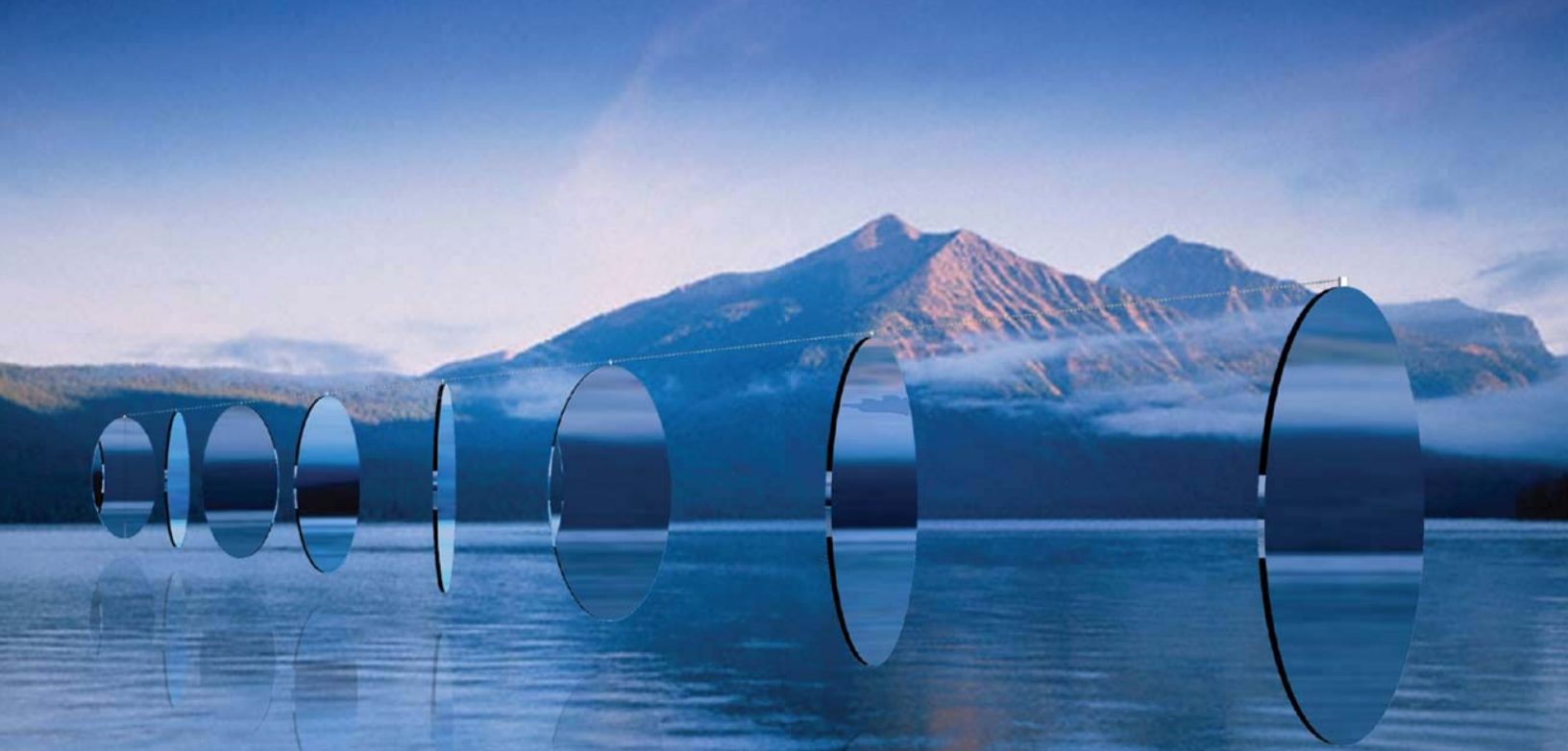
Massive 8ft by 10ft curved sheets of Cor-Ten steel. The Arc shields the wind and harbors a cascading staircase of flame. The burner is covered by a shield of metal 'branches' that also acts as a custom safety screen.



HANGING FIRE TABLE

Suspended brushed stainless steel elliptical slab with central Firebowl and impressed offering bowls.





REVOLVING MIRROR CHAIN

Double sided elliptical and rotating mirrors mounted in line on steel rods, ball bearings, and submerged concrete pilings. The piece is a visual folly that creates the illusion of windows opening from one landscape into another.

DOIG MEMORIAL

The Doig Memorial was designed in honor of Charles Cree Doig, (1855 – 1918), Scotland's most famous distillery architect, responsible for designing more than 100 whisky distilleries in Scotland and Ireland in the late 19th and early 20th centuries.

In 1889, to wide acclaim, Doig introduced the pagoda-shaped chimney and roof on distillery kilns as a more efficient means of drawing smoke from the peat fires below. The pagoda roof, or “ventilator”, became a distinctive feature at most Scottish distilleries.

The proposed memorial is of 1/2” solid copper construction, 21ft tall by 21ft wide by 21ft long, with a 2ft deep tidal pool as it's base. A stanza from the poem 'Natures Law', by Robert Burns, and a short biography of Charles Doig are inscribed and silvered on the copper floor of the tidal pool. An eternal flame (fed by a submerged gas burner) illuminates the piece. This flame is a symbol for the malting chimney and for the hearth.





The copper arcs give abstract form to the current of air that draws peat smoke through the barley from the kiln fires below - a defining moment in the creation of Scotch whisky. The arcs evoke Doig's most significant design contribution to the distillery and to the efficiency of the malting chimney: the pagoda roof.

The memorial is oriented to mark true north by an extended compass needle that sweeps down the edge of the northern arc, drawing a finned line that disappears into the sand or turf. Installed in the place where land, water, and sky meet, the Doig Memorial responds to the sea state by col-

lecting sea water and specimens in its tidal pool during high tide, and holding them within the edges of the base during low tide.

The flame can be ignited during special calendar events and celebrations - solstices, equinoxes, harvests, anniversaries, holidays - or left to burn on a more regular basis.

Through its combined use of elements, the proposed Charles Doig memorial is a symbol for the alchemy of spirit making; earth, air, fire, and water combine under the roof of the distillery to create water of life - *uisge beatha* - whisky.





FIRE RINGS

Brushed stainless steel mounted rings with embedded gas-fed burners. Rings can be motorized or turned manually.



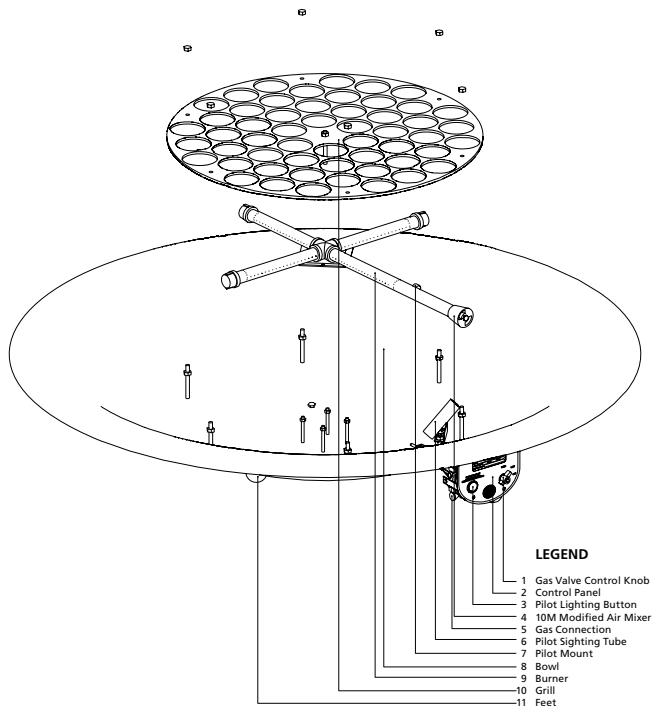
BLOOD RED POWDERCOAT WITH GINKO



SIVER VEIN POWDERCOAT

MANUAL PILOT FIREBOWL OVERVIEW

54LL/68L FIREBOWL



LEGEND

- 1 Gas Valve Control Knob
- 2 Control Panel
- 3 Pilot Lighting Button
- 4 10M Modified Air Mixer
- 5 Gas Connection
- 6 Pilot Sighting Tube
- 7 Pilot Mount
- 8 Bowl
- 9 Burner
- 10 Grill
- 11 Feet



54LL/68L Firebowl



FIREFEATURES.COM

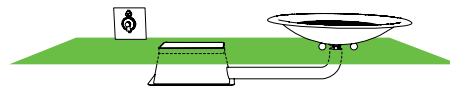


COLOMBO CONSTRUCTION CORPORATION is a full service design and fabrication firm specializing in site specific exterior works. Fire and water features, wind sculptures, garden and landscape design and earth works. Fixtures are in bronze, steel, copper, stone, concrete, wood and bone, with the elements earth, fire, water and wind. For consultation and portfolio 212.334.5069



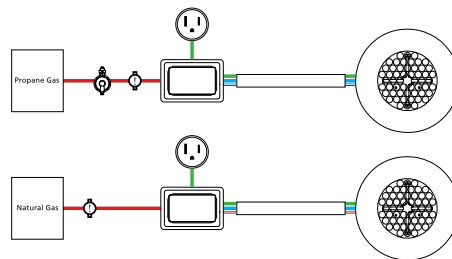
Firebowl with SUB-GRADE ELECTRONIC IGNITION SYSTEM

This system houses the electronic ignition system in a weatherproof environment apart from the firebowl.



SPECIFICATIONS:

- The system must be installed by a certified gas technician.
- The system operates on standard low pressure: 5" water column for natural gas (NG), 11" water column for propane (LP).
- The system needs a designated gas line for service.



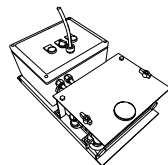
SETUP:

The system consists of the Firebowl, a polymer Christy-Box that houses the electronic and gas

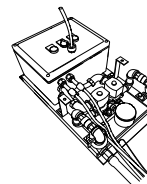
ELECTRIC IGNITION

SYSTEM:

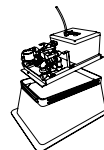
- Inside the Christy box is: Dashboard with flame-height adjuster, shut-off switch, gas pressure gauge.
- Nema-4 box with flame on/off in-



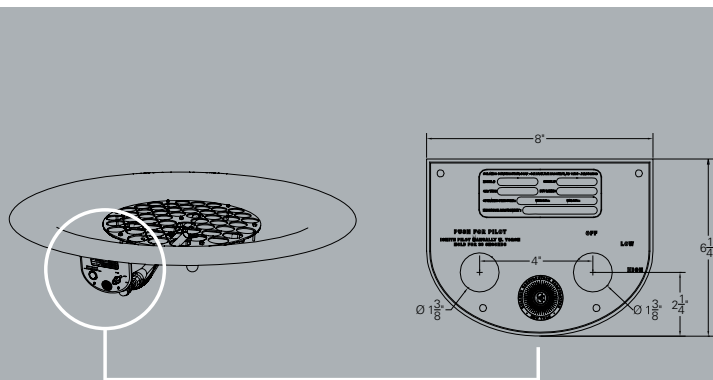
Electric Ignition System



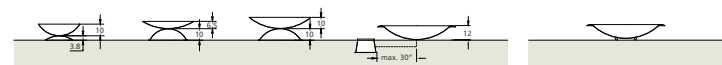
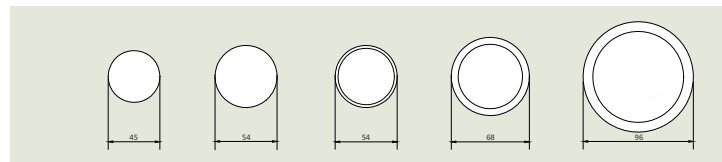
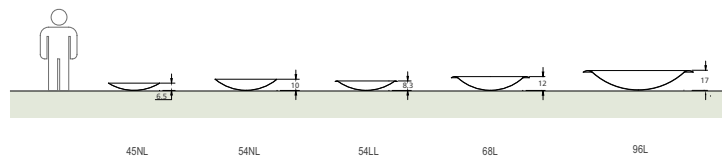
Electric Ignition System
(Dashboard removed)



Electric Ignition System housed in
Christy Box.



Colombo Construction Corp
Firebowl Type Sheet



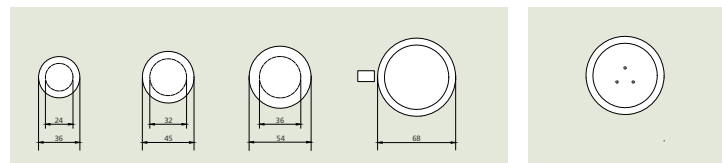
36NL
with 3/4" Base

45NL
with 3/4" Base

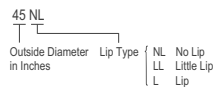
54NL
with 3/4" Base

68L
with 10"x17"x12" Underground Box

optional Feet available
for all Bowl types



Type code:



Available Materials:

Steel: Cor-Ten, Mild and Stainless
Powdercoated Steel (see available RAL-Colors at www.tigerdrylac.com/fileadmin/USA/Template/Images/color_ral.jpg)
Bronze
Copper





FIRE SPILL

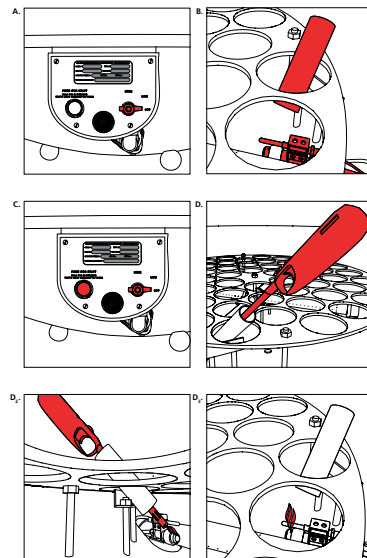
Cantilevered copper or Cor-Ten steel channel with water spill and gas-fed firewall. The four elements combine to balance this piece.



FIRE NEST

Welded steel 'branches', gas-fed burner,
and cast stainless steel 'stones'.

MANUAL PILOT FIREBOWL IGNITION



TO LIGHT PILOT

Do not lean over the appliance.
Operate at arms length.
Make sure service valve on LP gas cylinder is in
the off or closed position.

You need to have safety goggles and a extend-
ed torch

A. Turn gas valve control knob on appliance to
off position. Wait 5 minutes.
Turn service valve on LP gas cylinder to on or
open position.

B. Locate pilot sighting tube inside firebowl.

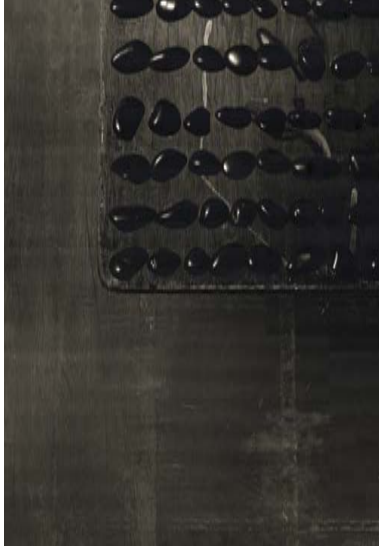
C. Push red button for pilot and hold.

D. Immediately put torch inside pilot sighting
tube and ignite pilot.

E. Continue to hold down button for 30 seconds
until Pilot stays lit.

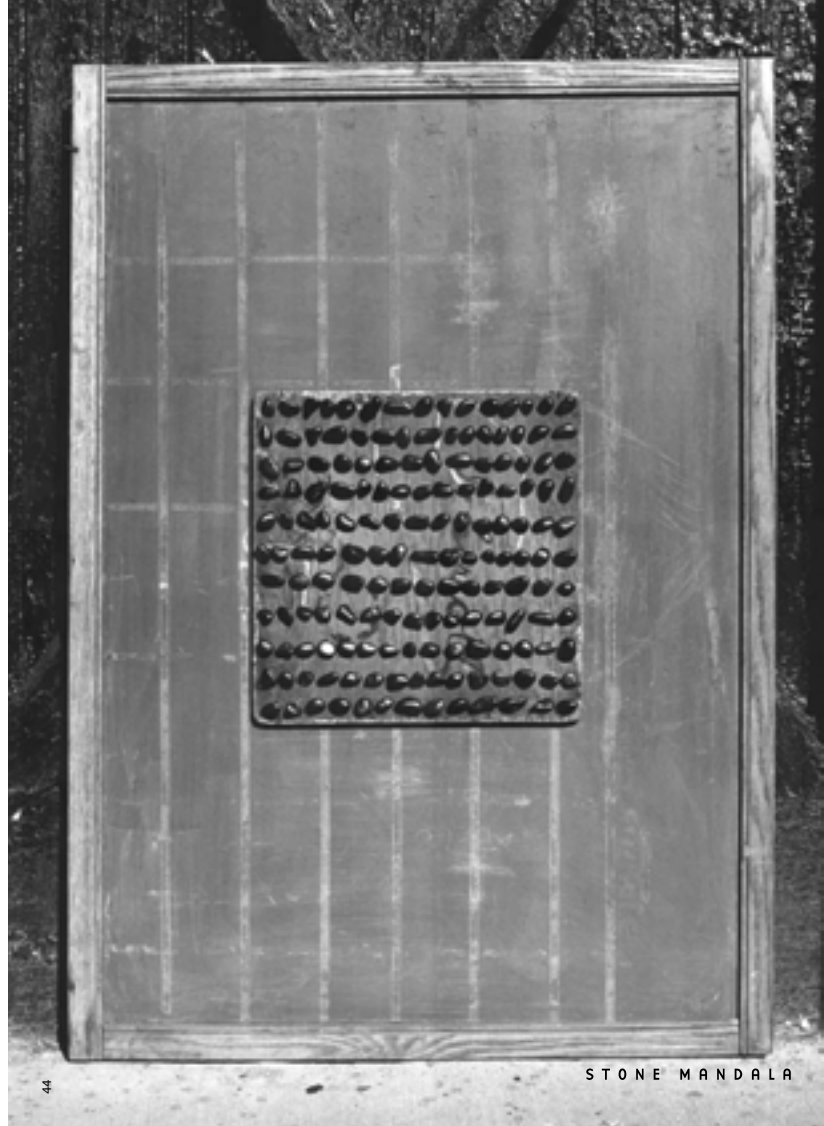


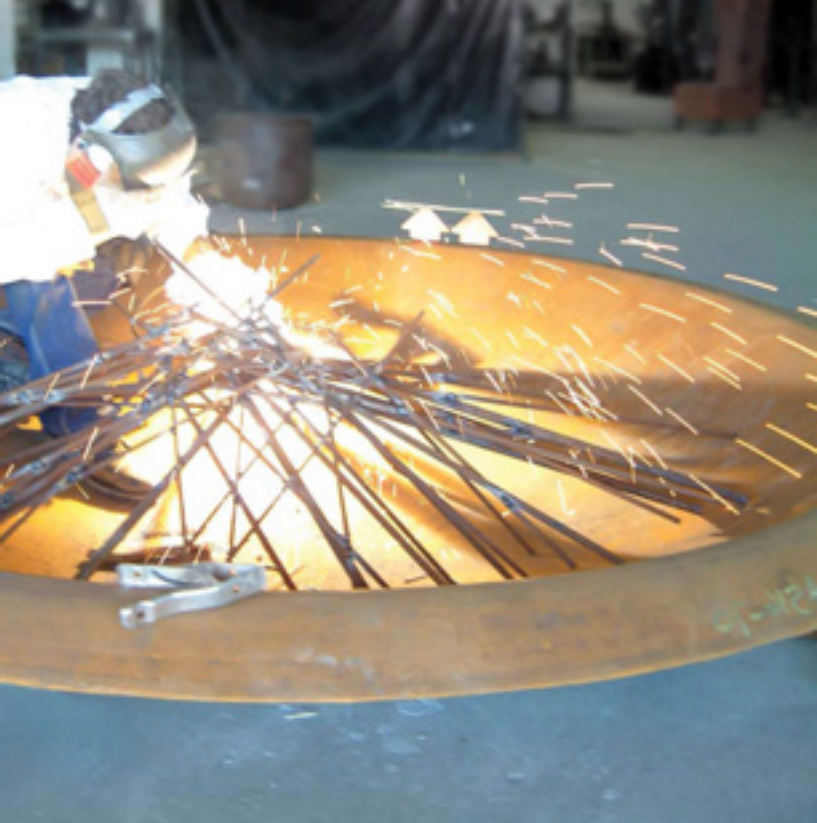
54LL/68L Firebowl



Stone Mandala, 2000

Slate, Wood, Stones
4' x 6'





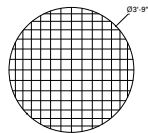
FABRICATION OF 8' FIREBOWL WITH BRANCH INSERT



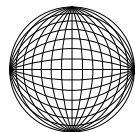
FIRE ROLL Curled Cor-Ten steel sheet with gas-fed burner.

45NL Firebowl Safety Screens

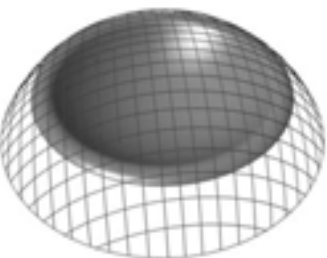
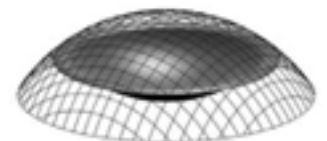
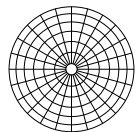
Type A
Straight Grid



Type C
Globe Grid



Type C
Spiderweb



★ FOR YOUR SAFETY READ BEFORE OPERATING ★

WARNING: IF YOU DO NOT FOLLOW THESE INSTRUCTIONS EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

• FOR OUTDOOR DECORATIVE USE ONLY • NOT FOR COOKING OR HEATING •

This firebowl was manufactured and assembled in accordance with the ANSI Z21.60-2003 and CSA 2.26-2003 STANDARD for outdoor decorative gas appliances. It uses liquid propane (LP) or natural gas, and in the absence of local codes and ordinances is governed by the standard for storage and handling of liquefied petroleum gas, ANSI/NFPA 58 and the Natural Gas Installation code CAN/CGA B149.2. This standard instructs on the safe storage and handling of compressed gases.

SPECIFICATIONS:

Propane: The minimum operating pressure is 10" water column, the standard operating pressure is 11" W.C. max. O.P. is 12" W.C. Natural Gas: The minimum operating pressure is 5" water column, the standard operating pressure is 6" W.C. max. O.P. is 7" W.C.

The burner for both natural gas and propane is rated at a minimum of 150,000 BTU/Hr.

It is recommended that a certified gas technician connect and permanently hard pipe the firebowl to the propane or natural gas source once a permanent location has been established. Propane tank must be 100 lbs. or 50 gallons minimum. The firebowl must be permanently secured and lag bolted to a stable, level and non-flammable surface so as to keep the firebowl from tipping or spinning. Use recommended bolts. Unless the bowl is secure, tipping or spinning can break the gas line and cause an explosion, property damage or loss of life.

The firebowl does not come with a screen, cage, fence, or any device that will inhibit people or animals from falling in. Protection of the public using the firebowl is the responsibility of the purchaser. Children, children, animals or anyone visibly intoxicated or impaired should not be allowed in the vicinity of the firebowl.

The firebowl does not come supplied with rocks. Recommended choices are solid metal orbs, or approx. 100-200 lbs. of 6" to 10" lava rocks. Some rocks contain water, and when heated will crack, spit or burst. Please consult your local landscape supply for recommendations on which rocks are best for fires.

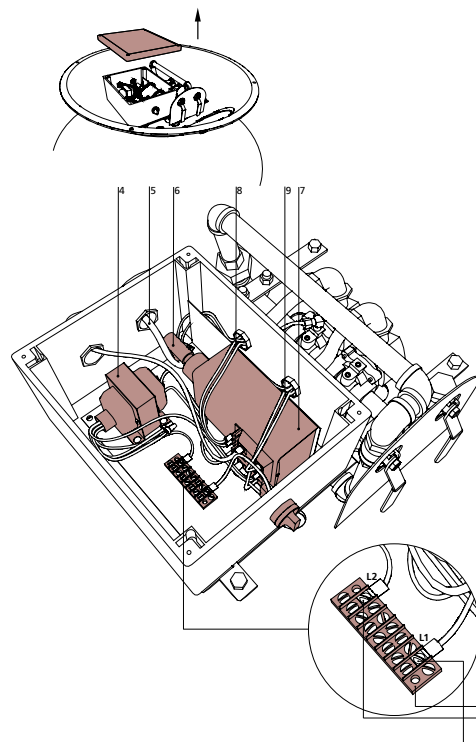
WARNINGS: Purchaser assumes all risk in the assembly and operation of this product. Only persons who have read the owner's manual and operating instructions for the firebowl, and who can understand and follow them exactly, should operate or service this appliance. • Use outside only in well ventilated area • Do not use inside house, camper, tent, garage, vehicle or any type of un-vented or enclosed area • Never operate while sleeping or unattended • Do not operate or place appliance on, near, or in the vicinity of any flammable materials, vapors, liquids or accelerants of any kind; including but not limited to bottled gases, gasoline, kerosene, diesel fuel, oil, aerosol cans, paints, thinners, solvents, sealants, lubricants, chemicals, plastics, petroleum products, electronics, motors, vehicles, fertilizer, gun powder, ammunition, firearms, fireworks, fabrics, paper products, wood, dry vegetation etc. • Do not operate appliance during an electrical storm • Check appliance for corrosion, debris or damage before each use • Do not use a damaged appliance • Do not alter this appliance in any way • Appliance and propane cylinder must be permanently secured on a stable and level surface • Fuel line must be hard piped to appliance in accordance with local codes and ordinances by a certified gas technician • A minimum 100 lb. propane cylinder only must be used with this appliance • Propane cylinder must be placed at least 10 ft. from appliance • Do not try to light the burner by hand • Before operating smell all around the appliance for gas. Do not operate if you smell gas

WHAT TO DO IF YOU SMELL GAS OR SUSPECT A LEAK: IMMEDIATELY SHUT OFF GAS TO THE APPLIANCE AND VENTILATE AREA. DO NOT STRIKE A MATCH, SMOKE OR CREATE ANY FLAME OR ELECTRIC SPARK. FIND AND CORRECT ANY LEAKS. USE A SOAP SOLUTION TO DETECT ESCAPING GAS. IMMEDIATELY CALL YOUR GAS SUPPLIER. FOLLOW THE GAS SUPPLIER'S INSTRUCTIONS. IF YOU CANNOT REACH YOUR GAS SUPPLIER, CALL THE FIRE DEPARTMENT

• Use only your hand to turn the gas valve control knob on the appliance. Never use tools. If the knob will not turn by hand, do not try to force or repair it yourself. Call a qualified service technician • Forced or attempted repair may result in a fire or explosion • Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water • Severe burns may occur • Keep children and animals away from appliance • Do not touch appliance or gas controls when in operation • Do not lean on or into appliance • Do not play on or around appliance • Do not sit on or step into appliance • Do not put hands, feet or any body part on appliance, in or near flame • Do not throw foreign objects or any liquids into appliance • Do not operate this appliance under the influence of alcohol or drugs or if you are physically or mentally impaired in any way.

SEE REVERSE SIDE

45NL/54NL FIREBOWL **ELECTRICAL**



CONNECTION INSTRUCTIONS

- A. LEAVE 2FT EXTRA CORD INSIDE THE BASE AFTER CONNECTION.
- B. WIRE YOUR 120V POWER SUPPLY TO EACH INDIVIDUAL FIREBOWL. WIRING SHOULD BE DONE WITH LIQUID TIGHT CONDUIT.
- C. HOOK YOUR POWER SUPPLY GROUND WIRE (GREEN) TO GROUND TERMINAL IN NEMA 4 ENCLOSURE.*
- D. HOOK YOUR POWER SUPPLY L2 NEUTRAL WIRE (WHITE) TO TERMINAL L2 IN NEMA 4 ENCLOSURE.*
- E. HOOK YOUR POWER SUPPLY L1 HOT WIRE (BLACK) TO TERMINAL L1 IN NEMA 4 ENCLOSURE.*

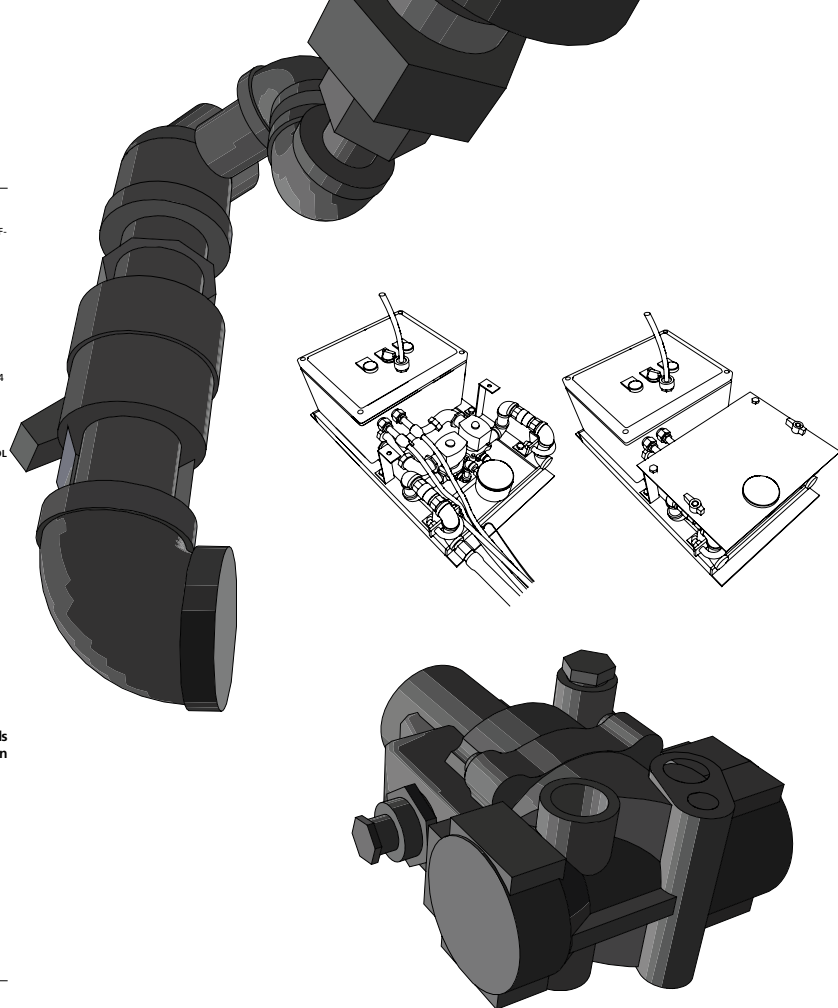
IMPORTANT: REFER TO JOHNSON CONTROL INSTRUCTIONS ON PAGE 6.

LEGEND of the Johnson Controls G600LX-1 Intermittent Pilot Ignition Control

- 1 Terminal Board
- 2 TERMINAL L2
- 3 TERMINAL L1
- 4 Johnson Controls Y65T31 Class 2 Transformer (120V to 24V - AC)
- 5 Delphi Packard 440 Ignition Wire
- 6 Right Angle Insulated Connector
- 7 G600LX Ignition Control
- 8 Main Valve Wiring
- 9 Pilot Valve Wiring



Roosevelt 45NL/54NL Firebowl





A 12ft by 8ft curved vertical wall of welded Cor-Ten steel, stainless steel, bronze, or braised copper branches with floating gas-fed burner.

This structure may sit on the ground (stabilized by sub-grade concrete pilings) or sit reflected in a shallow collecting pool.





Handwritten text in Urdu script, likely a calligraphic work or a manuscript page. The text is arranged in approximately 15 horizontal lines, written in a fluid, cursive style. The ink is dark, and the background is a light, textured surface. The text appears to be a mix of religious or philosophical verses, possibly from the Quran or a similar sacred text, given the nature of the calligraphy.

Roadside Memorial, 2001
Steel, Wood, Bone, Quills
2'4" x 2'4"

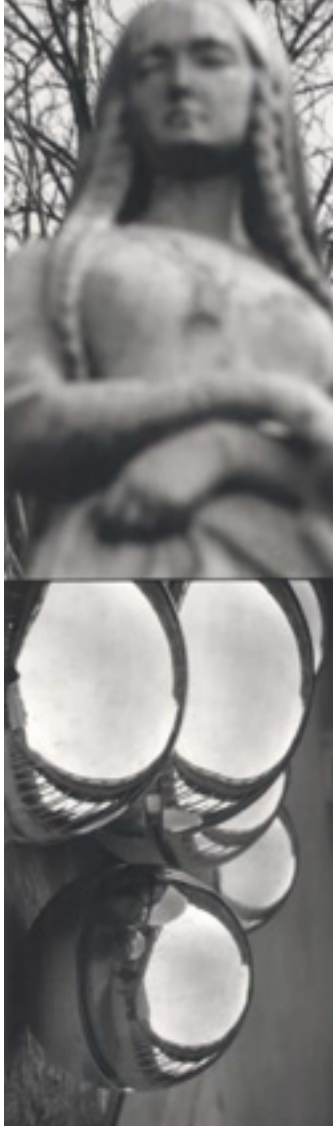


FIRE STACK

Open wrapped steel or cast bronze funnel with gas-fed burner or wood fire mounted on rotating steel base.

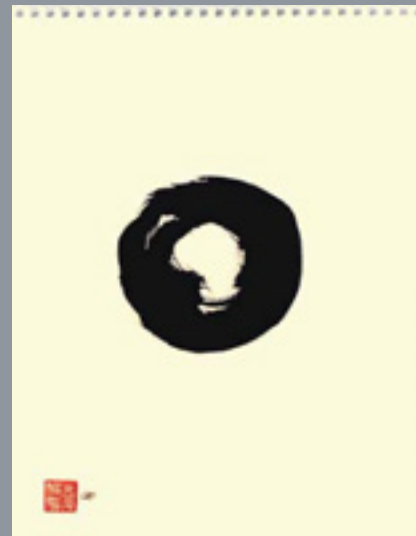


The bowl as an ancient and beautiful vessel is weighted with symbolic meaning; it represents the feminine nature to nourish and implies the masculine urge to fill.



Fire is a destination wherever it burns. It serves both our need for beauty and our instinct to gather around a warm, lighted place. I would like to restore the hearth as a ceremonial place and as a point of convergence.

P U D D L E F A R M 30 ft diameter disc in Cor-Ten steel, bronze, or stone anchored to concrete pilings in the sand. The rising tide fills the bowls and recedes revealing individual tidal pools. The largest bowls should accommodate two people.



Circle Drawing, 2002

Ink on Paper
9" x 11"



BIOGRAPHY

Elena Colombo's design work has appeared in *Architectural Record*, *Dwell*, *British Elle Decor*, *InStyle Home*, *Martha Stewart*, *Garden Design*, *Flair*, *Hampton's Cottages & Gardens*, *Hudson Home and Garden*, *Country Home*, *Country Living*, *Mademoiselle*, and *Glamour* magazines and in several recently published books: *Waterside Living*, *Ancient and Modern*, and *On Display*.

Colombo is currently manufacturing a series of custom fire features for public and private clients. The first in the series are the outsized, outdoor firebowls. The six-foot diameter Cor-Ten steel bowls are fitted with a 300,000 BTU burner, a connection for propane or natural gas, and manual or electrical remote control pilot systems for controlled ignition.

Among Colombo's early clients are hotelier Andre Balazs, who commissioned firebowls for the cocktail terrace at Sunset Beach, his Shelter Island hotel, for his private residence in New York, and for the new Raleigh and Lido Hotels in Miami Beach; Lisa Marie Presley; and the landmark Hotel Roosevelt in Hollywood.

Firebowls are installed at Jonathan Adler's Parker Meriden, Palm Springs; The Lodge at Cordillera, Colorado; Marmol Radziner Prefab Prototype house; Desert Springs, California; St. Clement Vineyards, Benzing Vineyards and Rancho Chimiles in Napa Valley.

Colombo's Firebowl has been nominated as 'Best Outdoor Product' by the 2004 Design and Decoration Awards.

Prior to opening her business, Colombo worked extensively in print and television media as a director of award winning television commercials and print campaigns for *Proctor and Gamble*, *IBM*, *Kellogg's*, *Spalding*, *Oil of Olay*, *Chevy*, *Mattel*, *Midas*, *Caterpillar*, and *Nintendo*.

Elena graduated from Trinity College in 1984 with a BA in both fine arts and art history with a concentration in architecture, sculpture and etching. While at Trinity, she spent a year abroad in Rome at the Caesar Barbieri Center to study sculpture, painting, and the Italian Renaissance. Elena continued her education in the arts at the Museum School in Boston, Massachusetts.

Colombo is an American of Italian and Scottish descent. She was born in northeastern Pennsylvania in 1962 and lives and works in Manhattan.





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