

**MOUNTAIN BROOK CITY COUNCIL
PRE-MEETING AGENDA
3928 Montclair Road – City Council Room, Suite 230
Mountain Brook, AL
Monday, February 11, 2013
5:45 p.m.**

1. School Superintendent Dicky Barlow to address the City Council regarding school security. (See attached information.)
2. Amendment and re-adoption of tree protection ordinance – Whit Colvin and Sam Gaston. (See attached information. This item may be added to the formal agenda.)
3. Latent conditions costs for the municipal complex project – Robert McElroy of Brasfield & Gorrie. (See attached information. This item could be added to the formal agenda.)
4. Fountain costs for the municipal complex – Nimrod Long. (See attached information. This item could be added to the formal agenda.)
5. Screening of roof equipment at the municipal complex – Brad Tew of Brasfield & Gorrie. (See attached information.)
6. Safe- Routes-to-Schools sidewalk projects – James Griffin.
7. Cherokee Forrest Neighborhood to address the City Council regarding the Highway 280 modifications by ALDOT.
8. Executive Session.



Mountain Brook Police Department

8 Office Park Circle, Suite 100
Mountain Brook, Alabama 35213
Phone: 205.802.3852
Fax: 205.802-2415

MEMORANDUM

To: Sam Gaston

February 6, 2013

From: Chief Ted Cook

Subject: Estimated cost of additional SRO

Below are the estimated costs of an additional SRO position. This assumes adding an additional position to the department and all new funding of that position.

Salary	\$	65,000
Overtime		3,700
Benefits		18,000
Staff Development		3,500
Uniforms		5,000
Vehicle		35,000
Fuel		2,000
Vehicle Repairs		2,500
Other Equipment		<u>10,000</u>
Total	\$	144,700

ORDINANCE NO. _____

AN ORDINANCE AMENDING CHAPTER 34 OF THE CITY CODE

BE IT ORDAINED by the City Council of the City of Mountain Brook that Chapter 34 of the City Code shall be amended to include the following:

Section 1. Amendatory Provision – Destruction, etc. of trees and shrubs; removal of dirt, turf, etc.

(a) It shall be unlawful for any person, without prior approval of the City, to cut down, destroy, remove, steal or injure any tree, plant or shrub, or to remove any substance, earth, dirt or turf from any public street or square or in any yard, ground or park belonging to the City; provided however that actions undertaken at the direction of the City by its employees or contractors for the general maintenance and upkeep of any yard, ground or park belonging to the City shall be excepted from the application of this ordinance.

(b) Any person who shall violate any provision of this section shall, upon conviction thereof, be punished within the limits and as provided by section 1-9 of the City Code.

Section 2. Severability. If any part, section or subdivision of this ordinance shall be held unconstitutional or invalid for any reason, such holding shall not be construed to invalidate or impair the remainder of this ordinance, which shall continue in full force and effect notwithstanding such holding.

Section 3. Effective Date. This section shall become effective immediately upon adoption and publication as provided by law.

ADOPTED: This 28th day of January, 2013.

Virginia C. Smith, Council President

APPROVED: This 28th day of January, 2013.

Lawrence T. Oden, Mayor

CERTIFICATION

I, Steven Boone, City Clerk of the City of Mountain Brook, Alabama, hereby certify the above to be a true and correct copy of an ordinance adopted by the City Council of the City of Mountain Brook, Alabama at its meeting held on January 28, 2013, as same appears in the minutes of record of said meeting, and published by posting copies thereof on January 29, 2013, at the following public places, which copies remained posted for five (5) days as required by law.

City Hall, 3928 Montclair Road
Gilchrist Pharmacy, 2850 Cahaba Road

Joe Muggs Newsstand, 2037 Cahaba Road
CVS/Pharmacy, 49 Church Street

Steven Boone, City Clerk

Legislature of Alabama) for his or her personal use only; provided, however, that this section shall not apply to such possession by any person who has previously been convicted under this chapter or any statute of the United States or any state thereof of any previous offense relating to the possession of marijuana.

(b) It shall be unlawful for any person to possess within the city or within its police jurisdiction an opium pipe or any device, contrivance, instrument or paraphernalia used for unlawfully injecting or smoking a controlled substance enumerated in schedules I through V of the Alabama Controlled Substances Act (Act No. 1407 of the 1971 Regular Session of the Legislature of Alabama); provided, however, that this section shall not apply to such possession by any person who has been previously convicted of any offense related to controlled substances enumerated in such schedules I through V in this state or any other state.

(c) It shall be unlawful for any person to visit or be in any room, place or motor vehicle within the city or within its police jurisdiction where any controlled substance enumerated in such schedules I through V is being unlawfully smoked or used with knowledge that such activity is occurring; provided, however, that this section shall not apply to any such visit or presence by any person who has been previously convicted of any offense related to controlled substances enumerated in such schedules I through V in this state or any other state.

(d) Any person who shall violate any provision of this section or shall do any act which is made unlawful by this section shall upon conviction thereof be punished within the limits and as provided by section 1-6 of this Code.

(Ord. No. 664, §§ 1 to 4)

Sec. 13-15. Destruction of fences, etc.; removal or defacing of signboards.

It shall be unlawful for any person to willfully or maliciously break, throw down, destroy or carry away any fence or other enclosure or any gate, step or door, which is the property of another, or take down, deface or carry away any signboard, plate or card, which indicates the name, occupation or business of any person.

(Ord. No. 59, § 68)

State law reference—Criminal mischief, Code of Ala., 1975, §§ 13A-7-21—13A-7-23.

Sec. 13-16. Destruction, etc., of trees and shrubs; removal of dirt, turf, etc.

It shall be unlawful for any person to willfully or maliciously cut down, destroy, remove, steal or injure any tree, plant or shrub, planted or preserved for shade or ornament, in any public street or square or in any yard, ground or park belonging to the city, or to any individual inhabitant of the city or to remove therefrom any substance, earth, dirt or turf.

(Ord. No. 59, § 65)

Old
Code
Section

Brasfield & Gorrie, LLC
 Mountain Brook Municipal Complex
 Job Number 13620
 January 28, 2013
 Latent Conditions

LATENT CONDITIONS - COST FINALIZED			Status				Comments
Number	Description	Final Value	Open	Pending	Accepted	Absorbed by B&G	
1	Roof Hatch at Fire Station	\$ 3,450.00		X			Fire Station roof hatch had to be replaced with one that would fit correctly
2	Iso Board for Roof	\$ 29,754.00		X			Additional 100 squares of iso-board was required to complete the project
3	Structavent	\$ 8,000.00		X			Completion of structavent material required for the project
4	Brick Mold at Doors	3,600.00		X			Change of profile to better match other doors
5	Discontinued Carpet Replacement	4,220.00				X	Delay of project caused one carpet type to be discontinued, Absorbed by B&G
6	Finial Change at Fire Tower by WBA	1,498.00				X	Increased size of Finial by WBA, Absorbed by B&G
	Subtotal	44,804.00					
	Current Latent Conditions Open Balance in Contract	88,833.00					
	Remaining Latent Condition Allowance in Contract	44,029.00					



BRASFIELD & GORRIE L.L.C.
Project: MBMC
Bid Date: February 8, 2013
Bid Category: Fountain Scope Sheet

Received / Not Bidding

Received

		Received / Not Bidding	Received
Company Name:	Brasfield & Gorrie		Brown Mechanical Contractors
Contact:	Budget		Leigh Ann
Phone Number:			205-323-1585 ext: 212
Cell Phone Number:			
Email:			leighann@brownmechanical.com
Fax Number:			205-323-4616
BASE BID:		\$ -	\$ 257,000
Per Plans and Specs			Per Scope letter N
Furnished & Installed			Y
Sales Tax Included			17,000* Y
SPECIFICATION REVIEW:			
Warranty			1 YR Y
DRAWING REVIEW:			
Wiring from control panel to pumps, controls, lights, anomometer			Y
Piping for system and in vaults			Y
Grating and Embed for Trenchdrain			Excluded Y
Concrete for trenchdrain			Excluded Y
Stamped concrete for 20' circle, no waterproofing topping			\$ 17,758.00 Y
concrete pad for vaults			Y
concrete fill around vaults			Y
layout of nozzles			Y
daily cleanup to dumpster			Y
disposal of construction debris - 3 dumpster pulls plus dumpster rent			\$ 1,350.00 Y
UL Listing for assembled system - Allowance of 12,000	Nimrod will handle this		Excluded Y
water proofing connections & waterproofing			Y
initial chemical fill and start up			Y
Recirculation and filtration system to maintain clean water at all times.			Y
provide bonding systems for all components			Y
Granite paving			Excluded Y
Trench box for large vault excavation			Y
Expediting Charges by Delta dn Overtime by Brown Mechanical			9600* Y
Changes for landscape and Irrigation			Excluded N
Water to Vault by LV			\$ 1,840.00 Y
Power to vault by Griffin			\$ 12,000.00 Y
Mobilization Charge for Paving sub			\$ 3,500.00 Y
Drainage & pipe to storm by CLS - Frenchdrain is below storm, no sump figured			\$ 6,000.00 Y
Bhate material testing & soil bearing investigation			\$ 2,110.00 Y
B&G extended general conditions from May 1 to May 24	See schedule		\$ 40,000.00 Y
B&G 10% Fee for cost of work plus .5% GL			\$ 36,617.00
ADDENDUM			
Addendum: 1-2 & Per attached scope letter and sketch			Y
GENERAL SCOPE ITEMS:			
Clean up of Materials to the Dumpster			Y
Sales Tax Included			Y
Permits and Fees			Excluded N
Provisions for Remote Storage			Not required Y
Licenses as required for this work			Y
Schedule	3 weeks for B&G to finish after fountain work		11 weeks FountainWork Y
Mobilizations			Y
CONTRACTUAL ITEMS:			
Reviewed B&G Subcontract w/NO Exceptions			Y
Reviewed B&G Safety Program Requirements/NO Exceptions			Y
Reviewed/Comply with B&G Insurance Minimums			Y
ESCALATION:			
Proposal to be good for 60 days			Y
TOTAL ADJUSTMENTS FROM ABOVE	\$ -		\$ 121,175
TOTAL PRICE (INCLUDING ADJUSTMENTS)	\$ -		\$ 378,175
Bond Percent 1% B&G 1.1% for Brown Mechanical	0.00%		2.10%
Payment and Performance Bond Add	\$ -		\$ 7,941.68
TOTAL PRICE INCLUDING BOND	\$ -		\$ 386,117

BROWN MECHANICAL CONTRACTORS, INC.

– SERVING THE SOUTHEAST SINCE 1920 –

HVAC – PLUMBING – SITE UTILITIES – PROCESS PIPING – WATER FEATURES – FUEL OIL – CENTRAL PLANTS

3212 Sixth Avenue South; Birmingham, Alabama 35222
P. O. Box 488; Birmingham, Alabama 35201
Phone 205.323.1585 Fax 205.323.4616
www.brownmechanical.com
AL Certification #83962

7 February 2013

Robert G. McElroy, LEED AP
Brasfield & Gorrie, LLC
P: 205.714.1638
C: 205.966.6920
F: 205.714.1978
rmcelroy@brasfieldgorrie.com

Dear Robert,

Re: Mountain Brook Municipal Complex Water Feature
Mountain Brook, Alabama

We are pleased to present a proposal for the above referenced project. Our pricing is based on Fountain Plan drawings L1.1a & L3.1a dated 1.10.13 by NLA, and F1.00, F2.00, F3.00, F3.10, F4.00, F4.11(x2), & F4.20, dated 12.19.12 by Delta Fountains.

This Scope of Work includes procuring and installing all of the necessary materials associated with:

- | | | | |
|--|---|---|--|
| <input type="checkbox"/> Plumbing Fixtures | <input type="checkbox"/> Plumbing Process Piping | <input type="checkbox"/> HVAC Equipment | <input type="checkbox"/> Condenser Water |
| <input type="checkbox"/> Underground Sanitary | <input type="checkbox"/> Plumbing Demolition | <input type="checkbox"/> Ductwork | <input type="checkbox"/> Chilled Water |
| <input type="checkbox"/> Underground Storm | <input type="checkbox"/> Plumbing Insulation | <input type="checkbox"/> Instrumentation & Controls | <input type="checkbox"/> HVAC Process Piping |
| <input type="checkbox"/> Above Ground Sanitary | <input checked="" type="checkbox"/> Water Feature Equipment | <input type="checkbox"/> HVAC Demolition | <input type="checkbox"/> HVAC Drains |
| <input type="checkbox"/> Above Ground Storm | <input checked="" type="checkbox"/> Water Feature Piping | <input type="checkbox"/> Refrigerant Piping | <input type="checkbox"/> HVAC Insulation |
| <input type="checkbox"/> Domestic Water | <input type="checkbox"/> Excavation & Backfill | <input type="checkbox"/> Hot Water | <input type="checkbox"/> Crane / Boom Truck |
| <input type="checkbox"/> Medical Gas Equipment | <input type="checkbox"/> Sawcutting | <input type="checkbox"/> Steam | <input type="checkbox"/> HVAC Test & Balance |
| <input type="checkbox"/> Medical Gas Piping | <input type="checkbox"/> Core Drilling | <input type="checkbox"/> Condensate | <input type="checkbox"/> Sewer Impact Fees |
| <input type="checkbox"/> Natural Gas | <input type="checkbox"/> Firestopping | <input type="checkbox"/> | <input type="checkbox"/> |

We estimate that the work can be completed 11 weeks after the date of release if the Expediting Fee is accepted, there is a maximum 2 day turn-around on vendor submittals and shop drawings, there is unimpeded access to the site, and there are no significant weather delays. Also, Delta requires a 50% deposit (approx \$75,000) prior to beginning fabrication. We will need one additional week for start-up and commissioning after the completion of the surrounding hardscape. All piping material is included as Sch 80 PVC.

This revised pricing varies from the plans and specs in the following ways:

1. Move collector tank to center of feature (BMC). Reduce collector size to 5'x5' (DF). Include 5 center nozzles & 4 lights in grated top (DF/BMC). Eliminate all trenches & associated grating (B&G/BMC). Slope splash pad to center collector (B&G).
2. Upsize 1 or 2 feature pumps to eliminate 3rd pump & reduce size of equipment vault to 8'x8' (DF). Simplify UV system (DF). Reduce excavation/backfill area/volume (BMC). Move equipment vault north, closer to fountain area (BMC).
3. Eliminate 4 outside light cans (DF/BMC).

This pricing and schedule is based on the following milestone dates:

- 2/11/13 Approval and Notice to Proceed
- 2/14/13 Receive revised drawings and submittal from Delta
- 2/15/13 Review and Approval of Drawings and Submittal
- 2/18/13 Release Delta to begin fabrication

3/15-22/13 Receipt of Fountain Equipment
4/29/13 Completion of Fountain Mechanical Scope
One week duration after completion of hardscape and landscape for start-up and commissioning

This Scope of Work does not include concrete for splash pad, site water, site power, site storm, hardscape, landscape, architectural work, site drainage, granite pavers, UL listing of assemblies, or the standard exclusions listed on page 3 of this proposal.

The Lump Sum price for this work is as follows:

\$257,00 Base Bid with Expediting Fee (\$9,600) & Sales Tax (\$17,000)
\$3,700 Bond Premium Add if Performance Bond is Required

This proposal price is based on the current prices and surcharges for the materials and labor necessary to complete our work as drawn and specified in the contract documents. This proposal is valid for 30 days from the date of this proposal, as specified above, after which price adjustments may be necessary due to material and labor price changes.

Prior to commencement of the work the client will need to provide the following information:

- Written authorization to proceed
- Signed Terms and Conditions
- Drawings & Specifications or a detailed description of the work

Brown Mechanical will provide the necessary supervision to plan the work, procure the necessary materials and equipment, engage any required subcontractors and manage the work as it progresses.

The client agrees to compensate Brown Mechanical Contractors, Inc. for the work. Payment shall be made within 30 days of the date of the invoice. Any past due amounts will be subject to late fees and interest in accordance with Alabama law.

The Terms and Conditions included herewith are a part of this proposal.

If you have any questions, please call us. Thank you for giving us the opportunity of working with you on this project.

Sincerely,
Brown Mechanical Contractors, Inc.

Leigh Ann Speake
Vice President

Acceptance:

Signing below, or the acceptance or use of any work product, indicates agreement to be bound by these terms and conditions and that the individual signing has the capacity to bind the customer and its successors, agents and assigns to this agreement. If other contract or purchase order forms are used, this proposal automatically becomes a part of any contract into which we might enter for the work covered, whether or not those forms state that our work will be as defined in this proposal.

Accepted by Duly Authorized Representative of:

Date:

Signature:

Title:

The following items are not included in our price:

- A. All cementitious work, included but not limited to, formed concrete for pads, pits, supports or associated excavation.
- B. Performance Bond. One can be provided if necessary at cost.
- C. Patching of any kind, included but not limited to, concrete, asphalt, roofing, drywall, flooring, etc.
- D. Architectural work.
- E. Painting.
- F. Access Panels.
- G. Engineering fees or coordination of engineers' specifications, drawings &/or approved submittals.
- H. Scheduled overtime.
- I. Exterior Louvers or door louvers of any kind.
- J. Toilet room accessories.
- K. Site security. We assume this will be provided by others.
- L. Temporary services or utilities. We assume these will be provided by others.
- M. Dumpsters and/or trash removal. We include clean-up and hauling of our trash and scrap to a central site location for removal by others.
- N. Dewatering or subsurface drainage.
- O. Block outs and framing for equipment and ductwork. Brown Mech. Will provide dimensions.
- P. Seismic restraints or supports.
- Q. Printing fees or charges for construction documents.
- R. Handling or disposal of hazardous materials. Example, Asbestos or medical waste.
- S. Lost time due to infection control.
- T. Connection of owner-furnished equipment not specified on plumbing drawings.
- U. Extra work, premium time, lost time, or excessive crew sizes resulting from unforeseen or concealed conditions, work in occupied spaces, or circumstances beyond our control.
- V. Demolition not specified.
- W. Sewer impact fees, environmental fees, or use fees.
- X. Fire protection piping.
- Y. Lintels or structural steel framing necessitated by duct or pipe penetrations through any walls or building structure. Sleeves, where required, are included.
- Z. Rock, concrete excavation, or replacement of unsuitable backfill.
- AA. Replacement of shrubs, grass or trees affected by excavation.
- BB. Operation of permanent equipment for construction purposes.
- CC. Disconnect switches and electrical power wiring.
- DD. Confirming accuracy of work performed by others prior to performing the work under our contract.
- EE. Control wiring for Medical Gas Equipment and Alarms
- FF. Extra work due to other trades not following coordination drawings.
- GG. Lost time due to insufficient access to the jobsite.
- HH. Extra work resulting from poor planning or unreasonable sequencing of work.

We assume free use of contractors hoisting equipment and when applicable its operator during normal working hours provided it is on site and we schedule its use in advance. We will be permitted to use hoisting equipment and operator after regular hours by paying overtime pay for the operator involved.

We assume the Owner or General Contractor will provide Builders Risk Insurance with Brown Mechanical named as an insured. In the absence of specified deductible, we assume this deductible will not exceed \$1,000.00. The General Contractors insurer will be primary.

We assume adequate staging area will be provided at site with room for office and storage trailers.

We assume the terms and/or conditions and/or provisions of your subcontract with us to be no more restrictive and/or unfavorable than your contract with the owner. We assume that the form of subcontract used will be mutually agreed upon. AIA 401, 1997 Edition is the general conditions subcontract basis for submitting this proposal. We will be provided with a copy of your contract with the owner.

We assume we will be allowed to participate in the formulation of a construction schedule that provides adequate time for construction of our work.

We assume that payment for our approved pay request will be made within thirty days of pay request approval and final payment of retainage will be made within 30 days of the completion of our punch list items. Interest will be paid on past due amounts at the rate of two percentage points over the prime rate.

We assume Brown Mechanical will have to indemnify and hold harmless the Contractor and/or the Owner for damages suffered by them because of the fault or negligence of Brown Mechanical only. Additional Insured caused to be named other than the contractor and owner will be added at our cost.

We assume back charges between the General Contractor and Brown Mechanical will be at cost without overhead or profit.

We assume that no work will be performed by others on Brown Mechanical's behalf without written notice being provided to Brown Mechanical at least three working days in advance of performing the work.

We assume the rate of retainage withheld from progress payments to Brown Mechanical will not be greater than that withheld by the owner to you. In no case will it exceed 10%.

We assume the venue for settlement of any dispute arising under this contract will be Birmingham, Alabama.

WILLIAMS · BLACKSTOCK

A R C H I T E C T S

2204 FIRST AVENUE SOUTH SUITE 200 BIRMINGHAM, AL 35233-2331 205.252.9811 FAX 205.252.9812

RFP #: 030

REQUEST FOR PROPOSAL

PROJECT:	City of Mountain Brook Municipal Complex	DATE OF ISSUANCE:	January 30, 2013
OWNER:	City of Mountain Brook	CONTRACT FOR:	General Construction
FROM ARCHITECT:	Williams Blackstock Architects	CONTRACT DATE:	28 September, 2010
TO CONTRACTOR:	Brasfield & Gorrie	(Notice to proceed)	

Please submit an itemized proposal for changes in the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. Within ten (10) days, the Contractor must submit this proposal or notify the Architect/Construction Manager, in writing, of the date on which proposal submission is anticipated. This work is NOT a Change Order, a Construction Change Directive or a direction to proceed with the work described in the proposed modifications.

DESCRIPTION: Fixed Louver Fencing

This RFP addresses the following:

- 1) Contractor to price an Ametco Venetian Fixed Louver Aluminum Fencing with 100% visual screening to go on the high roof of the Police building to conceal the mechanical equipment currently installed. Height of fencing to be determined by height of mechanical equipment on roof. The mechanical units are closer to the edge of the roof than originally anticipated and therefore highly visible to the neighborhood which is against Village Design Standards. Panels are designed so that portions of fencing can be removed. Fencing is to be laid out so that portion in front of mechanical unit on roof can be free of obstruction once fencing panel is removed so that proper routine maintenance can be performed. Fencing to be located 18" off parapet min. to maintain roof warranty.

Attachments:

Sketch - Police Department High Roof

8.5x11

Ametco Fixed Louver Venetian Aluminum Fencing

8.5x11

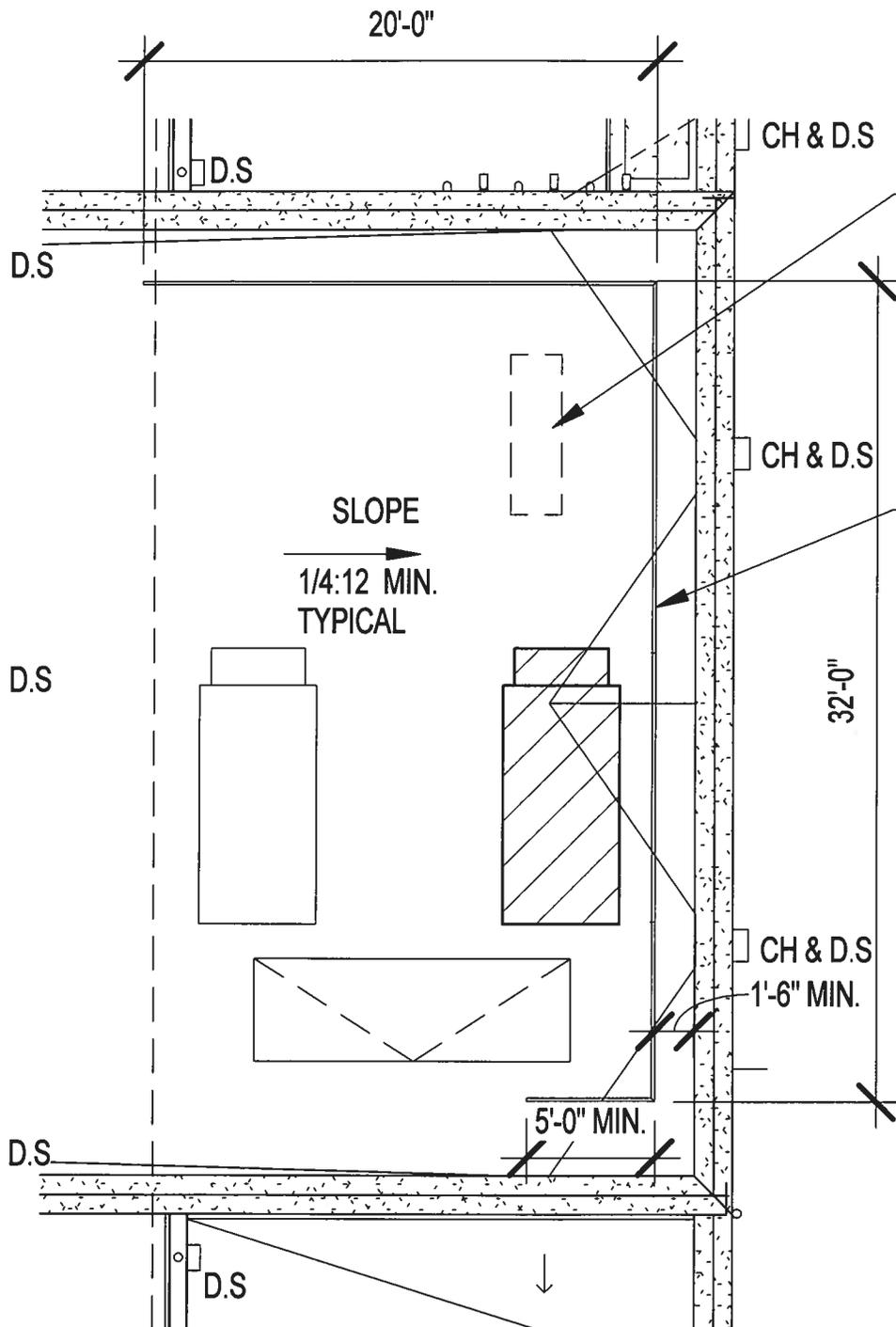
ISSUED BY THE ARCHITECT:



(Signature)

Jarrod Hart, Architect

1/30/2013



APROXIMATE LOCATION OF ANTENNA. CONTRACTOR TO CONFIRM FENCING DOES NOT CAUSE ANY CONFLICTS WITH ANTENNA RECEPTION.

AMETCO FIXED LOUVER VENETIAN FENCING - PANELS TO RUN VERTICALLY - SYSTEM TO BE LAID OUT SO THAT PORTION IN FRONT OF MECHANICAL UNIT IS CLEAR OF OBSTRUCTION FOR CONDUCTING MAINTENANCE ONCE PANELS ARE REMOVED.



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4326 Hamann Parkway
P.O. Box 1210
Willoughby, Ohio 44096

Phone (440) 951-4300
Fax (440) 951-2542
Toll Free 800-362-1360
E-Mail ametco@ametco.com
Web www.ametco.com



Ametco manufactures a wide range of fence and gate systems as well as railings, sunshades, grilles, screens, louvers, and perforated metal products. These products are available in steel, stainless steel, and aluminum. Custom fabrication services allow Ametco to provide the products as you designed them.

Our products are manufactured to meet the aesthetic demands of modern architecture while addressing growing concerns with security and privacy. Our design engineers work closely with architects and contractors to design products that will provide years of trouble free service. The electro-forged welding process produces steel mesh infill panel designs in large volumes, reducing project costs and delivery times. Along with high speed perforating presses, large turret presses produce custom perforated metal and plastic products.

All of our steel products have a hot dipped galvanized finish with a polyester powder coating, giving them the best corrosion protection in the industry. Available in 15 standard colors, this powder coat finish ensures protection from the elements and virtually eliminates maintenance by eliminating crazing or fading.

Founded in 1966, Ametco is located in a modern, high quality production facility outside of Cleveland, OH. Our plant features the latest CNC fabricating equipment. Ametco has established itself as a leading manufacturer of architectural products in North America. All of Ametco's products are manufactured in the United States.

For Master Spec, CAD Drawings, and Photo Gallery,
visit our website www.ametco.com

Fencing

Aluminum

Maintenance-Free Architectural Fencing

The Ametco Aluminum fencing system is an exclusive system, an alternative approach to fencing design, the concept of which is both functional and decorative.

Ametco Mfg. Corp. has developed a highly desirable fencing product which fits into modern architectural and security applications. Ametco's aluminum fencing products are manufactured from extruded aluminum sections.

The aluminum fencing system is finished with a polyester powder coating. The powder coating gives an "extra" touch of appeal to the fencing, harmonizing with its surroundings. Once you have selected the color from the wide range of choices available, it will endure exposure without crazing or fading. Ametco Mfg. Corp. certifies that its fencing systems are free from defects in material and workmanship. The polyester coated fencing is guaranteed not to crack, peel or blister for a period of 20 years.

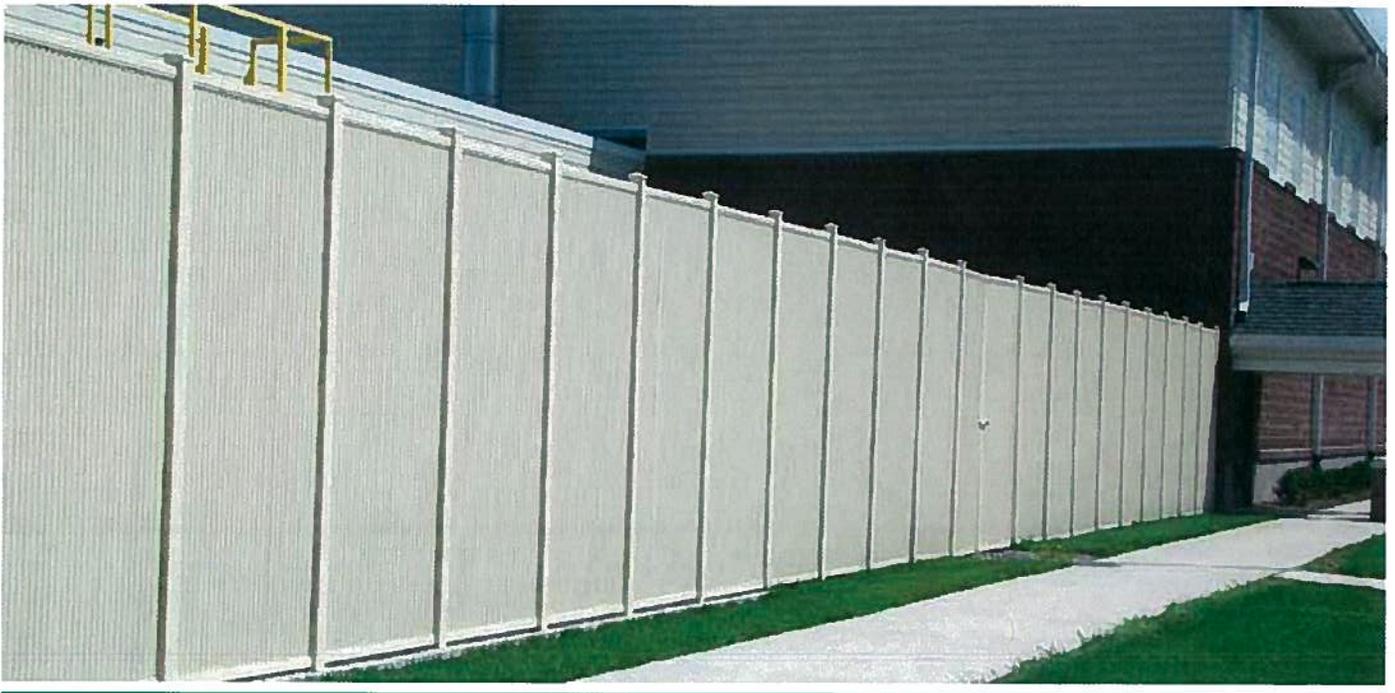
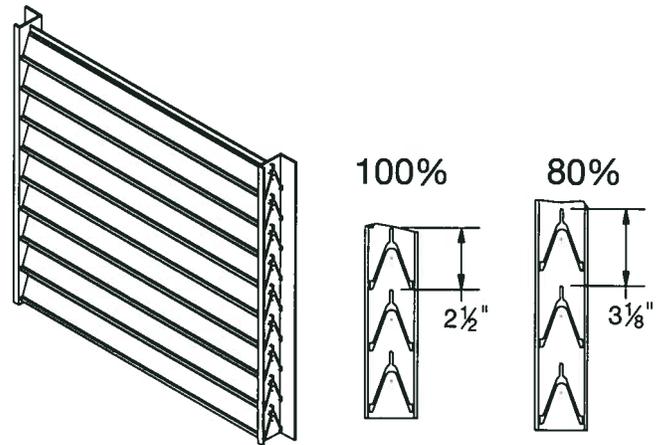


Fencing

Aluminum Fixed Louver

VENETIAN DESIGN

The Venetian Design has V-shaped extruded aluminum main bars welded to extruded aluminum framing bars. The Venetian Design is the only louver that can achieve 100% or 80% visual screening by running the louver either vertically or horizontally. The 100% visual screening Venetian weight is 3.5 lbs. per square foot. The 80% visual screening Venetian weight is 3 lbs. per square foot. After fabrication Venetian design is polyester powder coated for long lasting maintenance free beauty.



ECLIPSE DESIGN

The Eclipse Design has inclined extruded aluminum main bars welded to extruded aluminum framing bars. The spacing of the extruded aluminum main bars produces 100% or 80% visual screening. The aluminum extrusions are type 6063. The 100% visual screening Eclipse weight is 2.5 lbs. per square foot. The 80% visual screening Eclipse weight is 2 lbs. per square foot. After fabrication the Eclipse design is polyester powder coated for long lasting maintenance free beauty.

