Board of Architectural Review

DATE:	July 17, 2013
TO:	Board of Architectural Review (BAR) Chair and Members
THROUGH:	Jack Blevins, Community Development Division Chief
FROM:	Mike Jaskiewicz, AICP, BAR Liaison
SUBJECT:	**10635 West Drive**

ATTACHMENTS:
1. Relevant Code Sections
2. Plans and Materials

Nature of Request

1.	Case Number:	BAR A-969-12-2 (No. 12080139)
2.	Address:	10635 West Drive
3.	Applicant:	Fairfax County Board of Supervisors
4.	Applicant's Representative:	Eric Forbes, Project Manager
5.	Status of Representative:	Agent
7.	Zoning:	R-1 Residential District

Request: Proposed exterior façade modifications (added fenestration and exterior building skin material change) and other minor building changes on an existing two-story administrative office building located on a site owned by the County of Fairfax that serves their Department of Public Works and Environmental Services' Maintenance and Stormwater Management Division as a property yard and associated facilities.

Staff Comments

Site Background:

The subject 2.136 acre site, with a street address of 10635 West Drive, are two parcels in the R-1 Residential District, owned by the County of Fairfax and used for public purposes as the property yard of the Fairfax County Department of Public Works and Environmental Services' (DPWES's) Maintenance and Stormwater Management Division facilities. Surrounding and adjacent land uses include multifamily residential developments, single family detached homes, and City-owned public parkland (Providence Park). The property yard site contains several buildings and vast impervious surface parking lots and equipment storage areas.

1.

The site's administration building that is the subject of this BAR request is located on West Drive immediately adjacent to a gated driveway that provides the main truck access into and out of the property yard.

The specific building that is the focus of this BAR request measures 40 feet in width and 60 feet in depth and has a height of approximately 22.75 feet. It is a simple two-story building with a flat roof and with an exterior of concrete masonry block with fixed-glass windows with some projecting and thus defined lintels and brick sills. Aside from fixed wall-pak style security lights affixed to the building's facades this building offers no significant architectural embellishments or any architectural detailing of the facades, which are simply finished with paint in a white color and with grey-colored awnings over each of the building's three exterior doors. This building serves as offices for administrative staff.

Last year Fairfax County embarked on a comprehensive modernization of the building to include increasing its energy efficiency, and started with updates to the building's interior. This BAR request is to allow for the continuation of this comprehensive modernization on the exterior of this building.

Request

The applicant's BAR submission includes the following proposed direct-replacement building upgrades and proposed new additions to the subject building:

- New proposed 'Tru-Brix' brand brick veneer siding (with a backing of rigid insulation) and associated 'Tru-Brix' brand jack arch detailing for each window's lintel;
- A new proposed single fixed-glass window to be added and installed at the second floor level in the building's north-facing façade;
- New proposed compact-fluorescent lights to be added beneath each of the building's existing awnings located above each of the building's three exterior doorways; and
- New proposed high-efficiency high-pressure-sodium (HPS) light fixtures of the same type, configuration, and location so as to directly replace existing exterior security light fixtures.

BAR approval of these proposed building changes would allow the applicant to continue towards completion of their modernization of this specific structure by making exterior façade upgrades and modifications.

The applicant's request seeks to allow the application of *Tru-Brix* – brand brick veneer siding product in a running-bond pattern to cover the entirety of the outside of the subject building, the addition of a single fixed-glass window in the building's north-facing façade, and the replacement of existing exterior lights with new fixtures. The submittal includes product specification sheets and product samples of the proposed *Tru-Brix* veneer siding upgrade and specification sheets for the proposed window and security light fixtures, as well as the required plan and elevation graphics that show the full effect of these requested building upgrades and changes.

Analysis

Listed below are excerpts from the City's Comprehensive Plan that apply to the entirety of the County of Fairfax site and to this particular building for DPWES's Maintenance and Stormwater Management Division. The Community Appearance Plan, while addressing various site and building design issues to ensure neighborhood compatibility, is limited to the City's downtown and transition areas and the two primary vehicular corridors (Main Street and Fairfax Boulevard), and does not contain recommendations in regards to the subject site.

Land Use—Goal, Objectives & Strategies

Goal: Promote attractive, well-conceived land uses that preserve and enhance the City's unique character.

Strategies

LU-2.4 Encourage relocation outside the City of Fairfax County-owned property yards. "Fairfax County property yards on Jermantown Road, West Drive and Burke Station Road/Main Street are inappropriate land uses. No expansion of these facilities should be permitted. The City should strongly encourage the County to relocate these facilities into Fairfax County and should seek ways to facilitate appropriate new development on these sites." (pg 156)

Land Use Plan

Future Land Use

4. Chain Bridge Gateway:

> ***c. West Drive Property Yard***
>
> "The County's property yard on the south side of West Drive is an inappropriate use at this location. With residential uses on three sides and a City park on the fourth, the County's property is designated medium density residential on the Future Land Use Map to encourage its redevelopment." (pg 173)

The applicant's proposal to modernize and update a particular existing building is located within a site identified in the City's Comprehensive Plan as an inappropriate land use given its location surrounded by a public park and residential uses. A BAR approval of the requested building changes that would allow the continuation of the applicant's process to modernize and increase the energy efficiency of this particular structure is technically not a request that would allow an expansion of the physical shell of this building and thus would not further expand the building's or the site's uses, an action that would directly conflict with the intent of the City's Comprehensive Plan. The City's Comprehensive Plan recommends the relocation of the entire property yard use to a location outside of the City.

Staff believes that the applicant's willingness to include an exterior façade material change to add the proposed '*Tru-Brix*' brick veneer siding in a running-bond pattern is a commendable first

step toward allowing this particular building and the building's associated site to better fit in with the surrounding neighborhood. Additional detailing of the subject building's existing architectural features is needed so as to further allow this building to fit into the surrounding neighborhood by evoking a more-residential and less-industrial outward appearance. Analysis of the applicant's proposed *Tru-Brix* product reveals that it is offered and can be configured in ways other than the proposed running-bond pattern that, taken together, will adequately address staff's concerns regarding additional needed detailing.

For example, the *Tru-Brix* product allows one to install limited portions of available distinctly-shaped and colored bricks to create the appearance of separate and distinct fenestration lintels and sills that could contrast with whatever color is chosen for the running-bond façade brick pattern. *Tru-Brix* also carries purposeful bricks designed to demarcate the uppermost course of dark-colored bricks between finished grade and the fifth brick course that together create the visual effect of a water-table building base. *Tru-Brix* also allows bricks to be installed in a soldier course pattern either separately or sandwiched between upper and lower running bond patterns. Such soldier course patterns, when created using different-colored bricks, can create the appearance of building cornices and banding or fenestration surrounds. In summary, all of these aforementioned various applications of the available *Tru-Brix* products are ways to both add increased detailing while also highlighting a building's architectural elements, with the overall net effect of increasing the visual appeal of the resultant building that would be reskinned with proposed *Tru-Brix* brick veneer that thereby further allows it to better fit into the surrounding neighborhood that consists of residential and public park/recreation uses.

Staff, however, is neither implying nor suggesting that such detailing be restricted to the use of the proposed *Tru-Brix* product, only that the *Tru-Brix* product seems flexible enough so as to allow its use in a variety of applications that taken together can be used to achieve the desired added detailing.

Staff has no issues with the proposed new window, as it is designed to match the other existing windows, or with the replacement lighting fixtures. Lastly, staff notes that the existing building's roof is flat and is devoid of the usual roof-top mounted mechanical HVAC components found on most commercial buildings that require rooftop screening measures, so no rooftop changes have been proposed.

With the aforementioned additional changes to create additional building façade detailing, staff finds that the overall requested improvements to this particular existing building and to the site to be in conformance with the provisions cited earlier in this report from the Comprehensive Plan and will therefore allow this particular building to better fit into the existing surrounding neighborhood.

Recommendation

Staff believes that the application to modernize and increase this particular building's energy efficiency is only partially consistent with the goals and recommendations of the Community

Appearance Plan and it is only partially consistent with the provisions cited previously from the Comprehensive Plan. Staff believes that the applicant needs to further detail the proposed exterior changes to the building's exterior by detailing window lintels and sills, a watertable to help 'ground' the building, and a cornice – all methods that can utilize the proposed *Tru-Brix* brick veneer product, will help the resultant updated structure better fit into the site's surrounding residential and public park neighborhood.

Staff continues to recommend that the applicant seek a new location outside of the City for this entire property yard facility that currently serves and is occupied by DPWES's Maintenance and Stormwater Management Division.

Staff recommends that the BAR approve the applicant's requests subject to the following conditions

1. All construction shall conform to the attached plans and specifications, except as may be modified by the Board of Architectural Review or the Director of Community Development and Planning, and as modified by these conditions.

2. The applicant shall modify the proposed design to provide a cornice, lintels, sills, and a water table to be approved by the Director of Community Development and Planning.

5.

Relevant Regulations

Attachment 1

Sec. 110-1071. Designation of districts.

(a) The architectural control overlay district is hereby designated as all land in the city which is located outside an historic district and zoned for other than single-family detached residences. In addition, any lot, parcel or area of land within any area zoned for single-family detached residences outside an historic district which is used for other than single-family detached residences or which is the subject of an application for a special use permit or building permit involving any such other use shall be part of the architectural control overlay district. The provisions of this article shall not apply to single-family attached residences after such residences have been initially erected.

Sec. 110-1072. Approval required for improvements.

(a) No structure or improvement located on any land within the architectural control overlay district, including significant landscape features appurtenant to such structure or improvement, shall be erected, reconstructed, altered or restored until the plans for the exterior architectural features and landscaping have been approved by the board of architectural review or the city council in accordance with the provisions of article XIX of this chapter. Plans for signs appurtenant to new and renovated shopping centers, and as otherwise provided for multi-tenant commercial buildings in subsection 110-180(b) shall also be subject to board of architectural review or the city council approval. The board of architectural review shall confine its review and approval to only those features which are subject to view from a public street, way or place. The provisions of this article shall not apply to regular maintenance of a structure, improvement or site; however, an exterior color change of a structure, or substantial portion thereof, shall be deemed an alteration and not regular maintenance.

Sec. 110-915. Powers and duties.

The board of architectural review shall have the following powers and duties:

(2) To review and decide any application requesting approval for exterior architectural features of any structure, improvement or significant landscape feature associated with such structure or improvement to be erected, reconstructed or substantially altered in an architectural control district.

Attachment 2

AUG 28 2012

Dept. of Community Development & Planning

BAR No: A-969-12-2 Pentamation No: 12080139

CITY OF FAIRFAX
BOARD OF ARCHITECUTRAL REVIEW
APPLICATION FOR CERTIFICATE OF APPROVAL

Applicant: Maintenance and Stormwater Management Division Phone: 7038772800

Applicant's Address: 10635 West Drive, Fairfax, VA

Applicant's Representative: Eric Forbes Phone: 7038772879

Representative's Address: 10635 West Drive, Fairfax, VA

Property Owner: Fairfax County Board of Supervisors

Owner's Address: 12000 Government Center Parkway, Fairfax, VA

I hereby certify that the representative named above has the authority vested by me to commit to design changes, and otherwise represent me as property owner to the Board of Architectural Review. The information provided on this application is accurate to the best of my knowledge. I understand that I must comply with all conditions of the Certificate of Approval as well as all other zoning requirements.

Paul Shay
Property Owner's Signature

8/20/12
Date

Project Name: Administration Building Exterior Hardy Board Siding

Project Location: 10635 West Drive, Fairfax, VA; Administration Building

Project Description: Installation of Hardy Board siding to match existing condition of the Blair Building on the property.

Lot Area: 75000 Structure Sq. Ft. (existing) 2155 (proposed) 2155

----------**Office Use Only**----------

Tax Map Number: 57-3-02-013 Fee Paid: 35- Receipt Number: 34965

Rev. 03/09

RECEIVED
AUG 3 0 2012
Dept. of Community Development & Planning

AFFIDAVIT

I, Paul Shirey, do hereby make oath or affirmation that I am an applicant in Application Number 12080139 and that to the best of my knowledge and belief, the following information is true: A-969-12-2

1. (a) That the following is a list of names and addresses of all applicants, title owners, contract purchasers, and lessees of the property described in the application, and if any of the foregoing is a trustee, each beneficiary having an interest in such land, and all attorneys, real estate brokers, architects, engineers, planners, surveyors, and all other agents who have acted on behalf of any of the foregoing with respect to the application:

Name	Address	Relationship
Paul Shirey	10635 West Drive, Fairfax, VA 22030	Applicant

(b) That the following is a list of the stockholders of all corporations of the foregoing who own ten (10) percent or more of any class of stock issued by said corporation, and where such corporation has ten (10) or less stockholders, a listing of all the stockholders:

Name	Address	Relationship

(c) That the following is a list of all partners, both general and limited, in any partnership of the foregoing:

Name	Address	Relationship

RECEIVED
AUG 22 2012
Dept. of Community Development & Plan

2. That no member of the City Council, Planning Commission, BZA, or BAR has any interest in the outcome of the decision. EXCEPT AS FOLLOWS: (If none, so state.)

None

3. That within five (5) years prior to the filing of this application, no member of the City Council, Planning Commission, BZA, or BAR or any member of his or her immediate household and family, either directly or by way of a corporation or a partnership in which anyone of them is an officer, director, employee, agent, attorney, or investor has received any gift or political contribution in excess of $100 from any person or entity listed in paragraph one.

EXCEPT AS FOLLOWS: (If none, so state.)

None

4. That I understand that I or a designated representative must be present at the meeting or this application will be deferred by the Board of Architectural Review.

WITNESS the following signature:

Applicant

ALL APPLICANTS MUST SIGN AND HAVE THEIR SIGNATURES NOTARIZED.

The above affidavit was subscribed and confirmed by oath or affirmation before me on this 20th day of August, 2012, in the State of Virginia
My commission expires 11-30-2012

BRANDY L. DYER COMMONWEALTH OF VIRGINIA NOTARY PUBLIC

Brandy L. Dyer
NOTARY PUBLIC
Commonwealth of Virginia
Reg. # 7167086
My Commission Expires
November 30, 2012

#7167086
Notary Public Registration No.

City of Fairfax
Department of Community Development and Planning
10455 Armstrong Street, Annex Room 207
Fairfax, VA 22030

County of Fairfax, Virginia

To protect and enrich the quality of life for the people, neighborhoods and diverse communities of Fairfax County

June 4, 2013

Mike Jaskiewicz
City of Fairfax, Department of Community Development and Planning
10455 Armstrong Street, Annex Room 207
Fairfax, VA 22030

Subject: Design Intent for the Administration Building Tru-Brix Siding Project

Reference: 10635 West Drive, Administration Building

Dear Mr. Jaskiewicz:

The Fairfax County Maintenance and Stormwater Management Division (MSMD) recently conducted an interior renovation project on the Administration building located at 10635 West Drive. As part of the renovation the HVAC system was being retrofit to improve the air quality for employees who work in the building and to improve energy efficiency. In order to improve the building envelope for the new HVAC system, MSMD is submitting this Board of Architectural Review application to install Tru-Brix brick veneer siding on the building's exterior.

The project will include installation of 1" think rigid foam insulation on the exterior of the building. Tru-Brix moisture barrier fabric will be installed over the foam insulation. Once wrapped with the moisture barrier, Tru-Brix thin brick veneer in #350 HM Virginia Blend color will be attached (see sample provided). Additionally, MSMD plans to replace existing lighting fixtures for better night lighting and energy efficiency (see specifications provided). The project also entails installation of one 2'6"x4' fixed window on the North side second floor (see specification). Photographs of the existing condition and proposed condition are provided for your review.

The existing condition of the building is a faded white/beige color painted concrete masonry block wall. By installing the Tru-Brix thin brick veneer siding there will be benefits to the energy efficiency, water proofing, and the aesthetics of the building.

Sincerely,

Eric Forbes
Project Manager II

Department of Public Works and Environmental Services
Maintenance and Stormwater Management Division
10635 West Drive
Fairfax, VA 22030-4229
Phone: 703-877-2800, TTY: 711, Fax: 703-877-2805
www.fairfaxcounty.gov

10-

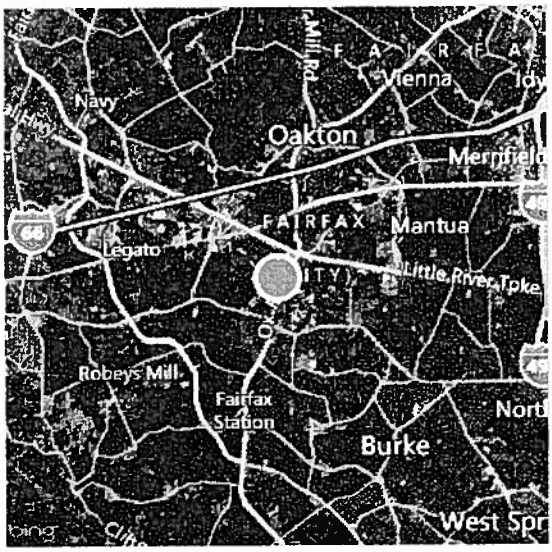
Print

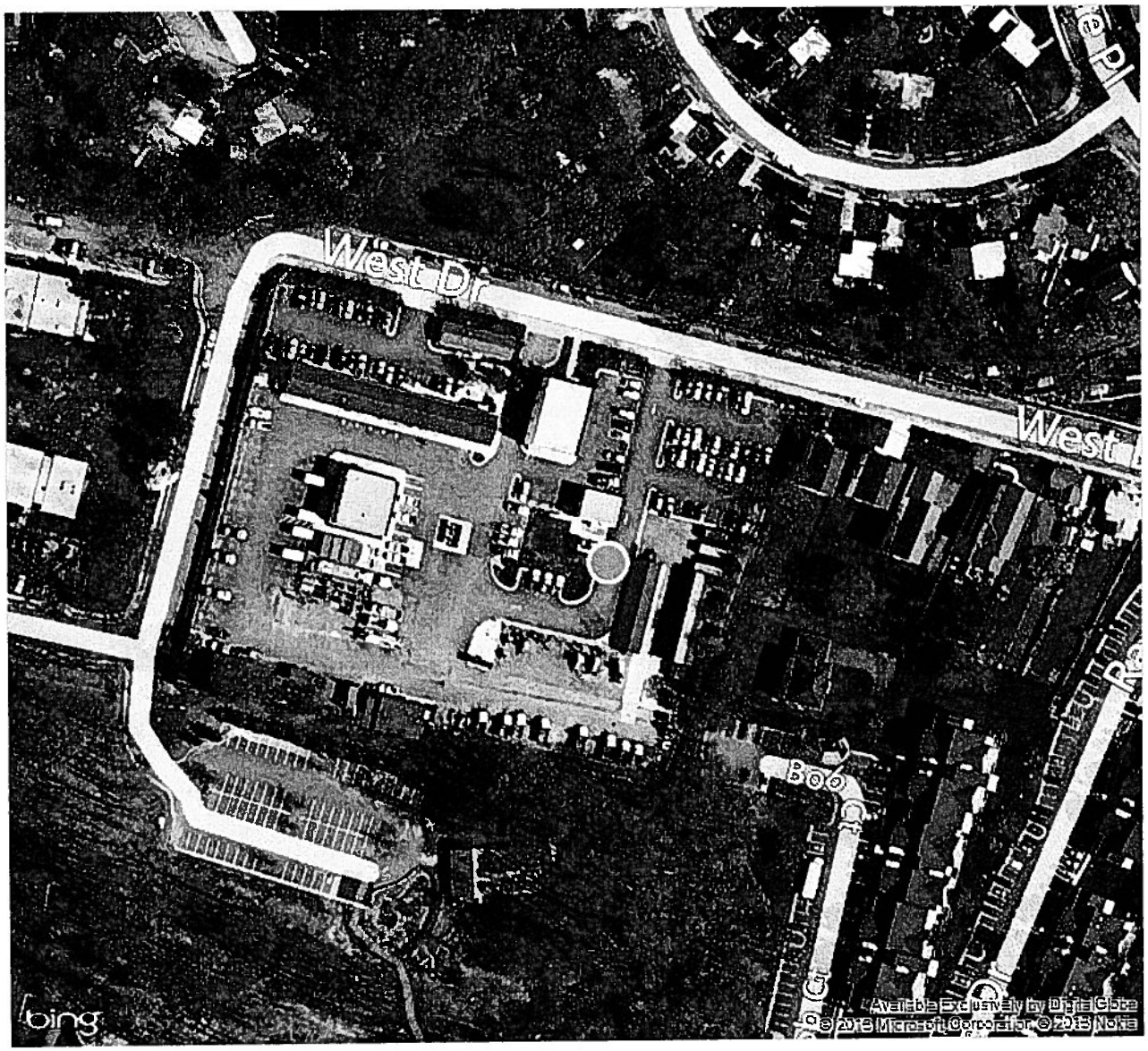
bing Maps

10635 West Dr, Fairfax, VA 22030

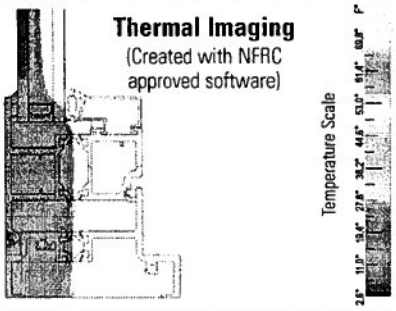
Type your route notes here (up to 120 characters).

On the go? Use **m.bing.com** to find maps, directions, businesses, and more





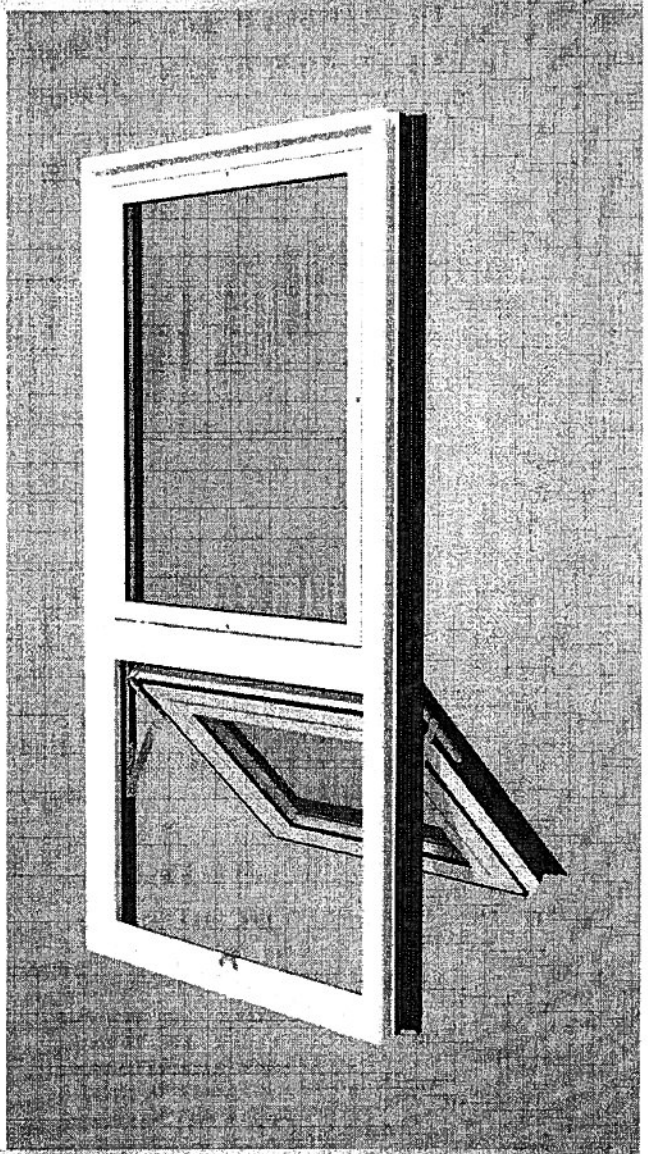
11-



> YOW 350 T

Thermally Broken Heavy Wall Window System for Insulating Glass

facade



Flexibility for Institutional Applications

YOW 350 T windows have been designed and engineered to provide the highest level of performance. They have an overall depth of 3-1/2", the strength of 1/8" wall thickness, and are thermally broken by means of MegaTherm® technology to conserve energy, reduce operating costs, and allow for a dual finish option to fit design needs. This system, when coupled with its mullion options and full line of accessories, can be used as a factory glazed window wall system.

Product Benefits

- AAMA/WDMA/CSA 101/I.S. 2/A 440-05
  - AW-80 (Operable), AW-100 (Fixed)
- Air Infiltration: 0.10 CFM/FT²
- Water Infiltration: 15 PSF
- Thermal Performance:
  - Standard Glazing – U Value: 0.53 (Casement), 0.51 (Project), 0.37 (Fixed)
  - Triple Glazing – U Value: 0.45 (Casement), 0.44 (Project), 0.32 (Fixed)*
- Heavy Duty Hardware
  - YKK AP Four Bar Hinges
  - 4" NYC Approved Limit Device
- Multiple Glazing Combinations (See Reverse)
  - Dual Glazed – Optional 1" Blinds
  - Insulating Glass Triple Glazed – Optional 5/8" Blinds
  - 1" Insulating Glass
- Factory Glazing and Screens
- Head/Jamb Receptors and Sill Flashing
- Applied Muntins, Panning, Trim, and Accessories

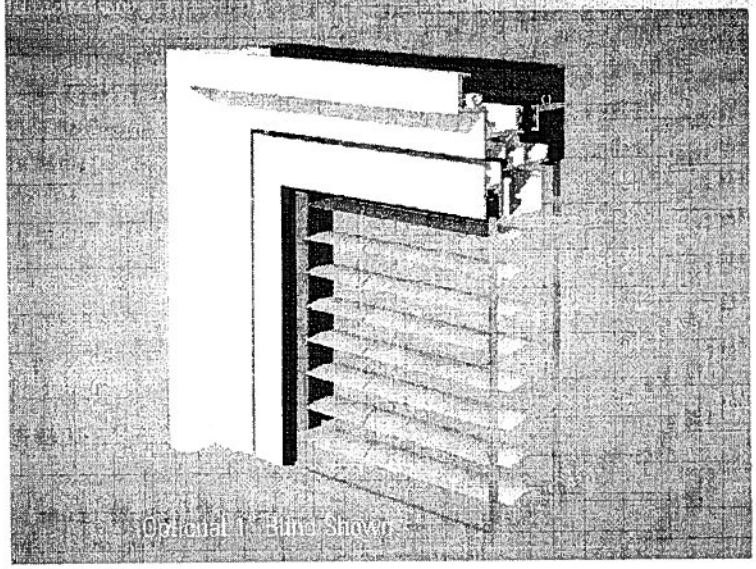
*Thermal performance simulated using software recognized by NFRC.

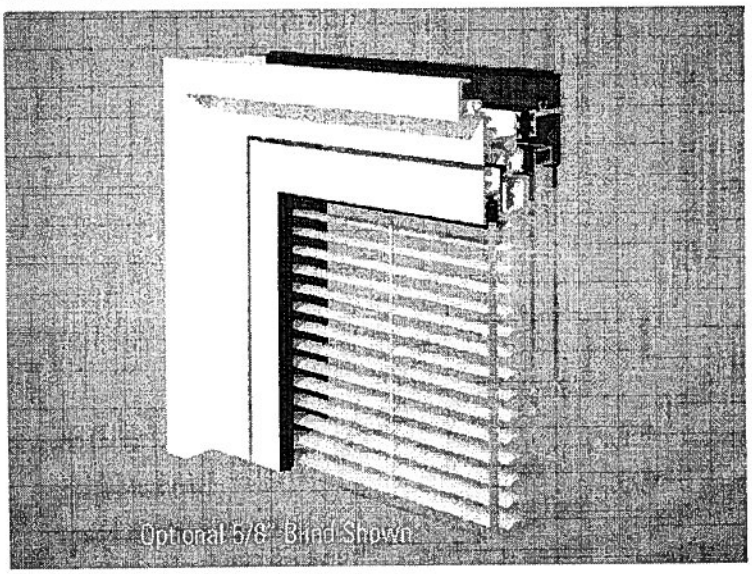
Entrances | Storefronts | Curtain Walls | Sun Controls | Windows | Balcony Doors

YKK ap® Quality inspires®

> YOW 350 T

Thermally Broken Heavy Wall Window System for Insulating Glass





Dual Glazing

This option gives improved acoustical performance through the use of increased air space and the addition of laminated glass in the exterior lite.

Benefits of Between-the-Glass Blinds:

Custodial access to the blinds provides consistent performance across the building and eliminates the "checkerboard effect" on the building's exterior.

Blinds stay virtually dust-free, eliminating the need for cleaning.

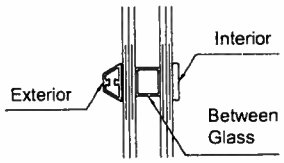
Allows for variable control of solar heat gain.

Light colored blinds provide a "light shelf" effect during most of the daylight hours.

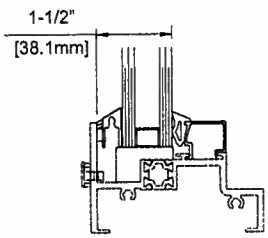
Triple Glazing

This option replaces the monolithic exterior lite of the dual glazed window with a one inch insulating unit – providing improved thermal efficiency.

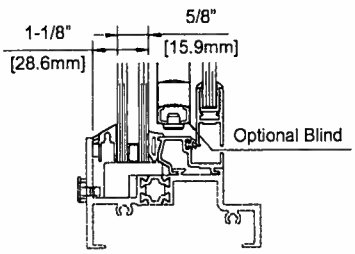
Muntin Options



Simulated Divided Lite
(Only With 1" Insulating Glass)



1" Insulating Glass
With Applied Muntin



Triple Glazing
With Applied Muntin

Additional product information including CAD details, CSI formatted specifications, and installation instructions are available online at ykkap.com under the Products category. Please contact your local branch office if you do not have internet access.

©2009 YKK AP America Inc. is a subsidiary of YKK Corporation of America.

LITHONIA LIGHTING®

Catalog Number	
Notes	Lts under the Awning
Type	

FEATURES & SPECIFICATIONS

INTENDED USE — For building- and wall-mounted applications.

CONSTRUCTION — Rugged, die-cast, single-piece aluminum housing. Die-cast doorframe has impact-resistant, tempered glass lens. Doorframe is fully sealed with a closed-cell silicone gasket.

Finish: Standard finish is textured dark bronze (DDBT) polyester powder finish, with other architectural colors available.

OPTICS — Hydroformed reflector for superior uniformity and control. Vertical lamp orientation for improved lamp output and life.

ELECTRICAL — Compact fluorescent utilizes an electronic high-frequency ballast. Quick-disconnect plugs easily disconnect reflector from ballast and fixture from supply wires. Socket is four-pin positive latching thermoplastic.

INSTALLATION — Universal mounting plate with integral mounting bolts supports the fixture for easy, one-person installation.

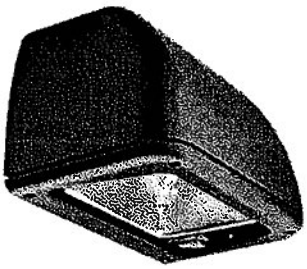
LISTINGS — CSA Certified to U.S. and Canadian standards. Down orientation only. NOM Certified (see Options). **IP65 rated.** 2/42 wattages and below are listed to 30°C ambient. 57W and 70W are listed to 25°C ambient. Emergency options (all wattages) are listed to 25°C ambient. ELED: U.S. Patent No. 7,737,640.

Note: Specifications subject to change without notice.

Wall-Mounted Luminaire

TWF1

FLUORESCENT: 26DTT - 70TRT



Specifications

Width: 16 (40.6)

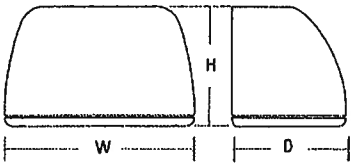
Height: 10 1/16 (25.6)

Depth: 9-5/8 (24.4)

*Weight: 24 lbs (10.9 kg)

All dimensions are inches (centimeters) unless otherwise indicated.

*Weight as configured in example below.



NIGHTTIME FRIENDLY

Consistent with LEED® goals & Green Globes™ criteria for light pollution reduction

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example:** TWF1 32TRT MVOLT LPI

TWF1					
Series	**Wattage**	**Voltage**	**Ballast**	**Mounting**	**Options**
TWF1	26DTT 2/26DTT 26TRT 2/26TRT 32TRT 2/32TRT 42TRT 2/42TRT 57TRT 70TRT	120 277 347 MVOLT[1]	(blank) Electronic 0° F CW20 Cold-weather ballast[2] DS Dual switching[3] 2/1 Two one-lamp ballasts[4]	(blank) Surface mount Shipped separately BBW Surface mounted back box[5,6]	Shipped installed in fixture GMF Internal slow-blow fusing (n/a with MVOLT) EC Emergency circuit[7,8] ELDW Emergency battery pack (32°F min. operating temperature)[8,9,10,11,12] ELDWC Emergency battery pack (0°F min. operating temperature)[7,8,10,11,12] ELDWR Fixture wired ready for Bodine® B30 battery pack (battery pack not included; 32°F min. operating temperature)[8,11,13] ELDWRPS Fixture wired ready for PS1400 or PSDL3 remote battery pack (battery pack not included; 32°F min. operating temperature)[8,11,14,15] ELED Emergency LED secondary source battery pack (-4°F min. operating temperature)[8,11] 2ELED Emergency LED secondary source (two modules) battery pack (-4°F min. operating temperature)[8,13]

Options (continued)				Finish[17]		Lamp[18]	
DC12	Emergency circuit 12-volt (35W lamp included)[8,16]	Shipped separately[5]		(blank)	Dark bronze, textured	LPI	Lamp included
2DC12	Emergency circuit 12-volt (two 35W lamp included)[8,16]	WG	Wire guard	DSST	Sandstone, textured	L/LP	Less lamp
DC2012	Emergency circuit 12-volt (20W lamp included)[8,16]	VG	Vandal guard	DNAT	Natural aluminum, textured		
2DC2012	Emergency circuit 12-volt (two 20W lamp included)[8,16]			DWHG	White, textured		
PE	Photoelectric cell-button type[11]			DBLB	Black, textured		
CSA	CSA certified			CR	Corrosion-resistant finish		
NOM	NOM certified			CRT	Non-stick protective coating (black only)		

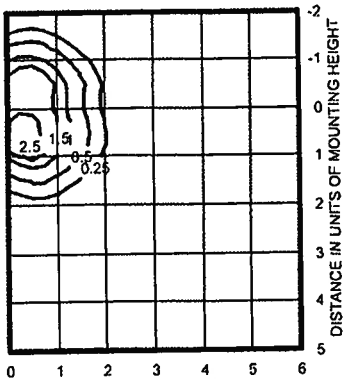
Notes

1. Optional multi-volt electronic ballast capable of operating any line voltage from 120V-277V.
2. Not available with 57TRT or 70TRT. CW20 and ELDWC cannot be ordered together.
3. Available with 2/26DTT, 2/26TRT, 2/32TRT and 2/42TRT only. Not available with EC, DCS, ELDWS, 2/1 or PE.
4. Available with 2/26DTT, 2/26TRT, 2/32TRT and 2/42TRT only. Not available with EC, DCS, ELDWS or DS.
5. May be ordered as an accessory. Prefix with TWF1.
6. Must specify finish when ordered as an accessory. Not available with ELED or 2ELED.
7. Maximum allowable wattage lamp included.
8. Cannot be ordered with any other emergency option.
9. Not available with 2/32TRT, 2/42TRT, 57TRT or 70TRT.
10. ELDW and ELDWC with compact fluorescent do not satisfy North Carolina code criteria for state owned buildings per 2012 NC Building Code: 1006.3 and 1006.4.
11. Must be ordered with fixture; cannot be field installed. Not available with MVOLT.
12. For two-lamp configurations, only one lamp operates in emergency backup mode.
13. Not available with 57TRT or 70TRT.
14. Pilot/test switch mounting plate included.
15. Not available with 2/42TRT, 57TRT or 70TRT.
16. Not available with GMF.
17. See www.lithonia.com/archcolors for additional color options.
18. Must be specified. 35K lamp with LPI.

TWF1 Compact Fluorescent, Wall Mounted

TWF1 2/26TRT TEST NO: LTL18189

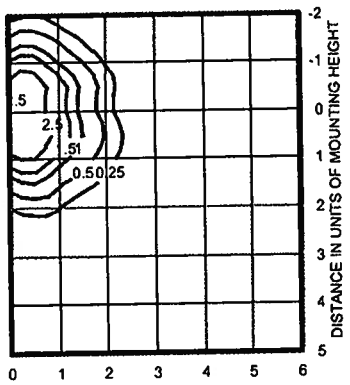
ISOILLUMINANCE PLOT (Footcandle)



26W triple-tube lamps.
Footcandle values based on
12' mounting height, 1800 rated lumens.
Luminaire Efficiency: 57.5%

TWF1 2/32TRT TEST NO: LTL18188

ISOILLUMINANCE PLOT (Footcandle)



32W triple-tube lamps.
Footcandle values based on
12' mounting height, 2400 rated lumens.
Luminaire Efficiency: 66.0%

LITHONIA LIGHTING®
An AcuityBrands Company
OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-279-8041 Fax: 770-918-1209 www.lithonia.com
c. 2006-2013 Acuity Brands Lighting, Inc. All rights reserved. Rev. 03/25/13

TRACE LITE

TL203

DIE-CAST ALUMINUM, LOW PROFILE FLOOD LIGHTING

Model Number: TL203150HPSMTDB

Accessories:

Type:

Job:

Approvals:

PRODUCT SPECIFICATIONS

CONSTRUCTION

The Trace-lite TL203 Series features a durable, corrosion-resistant, die-cast aluminum enclosure with an architectural bronze powder coated finish. Enclosure is fully sealed and gasketed, and is Wet Location Listed for outdoor use and includes corrosion-resistant hardware. The TL203 features an internal, anodized aluminum reflector which provides 7H X 7V light distribution, and the lamp is protected by a high-impact, heat-resistant tempered glass lens.

LAMPS & BALLASTS

High Pressure Sodium: E28 type lamps from 250 to 400 watts, utilizing a mogul base, glazed porcelain socket pulse rated for 4KV with a CWA type ballast rated for a minimum operating temperature of -30°C (-22°F) and Multi-tap (120/208/240/277VAC) or 480VAC input.

Metal Halide: ED28 type lamps from 70 to 100 watts, utilizing a mogul base, glazed porcelain socket pulse rated for 4KV with an HX-HPF ballast rated for a minimum operating temperature of -30°C (-22°F) and Multi-tap (120/208/240/277VAC) or 480VAC input.

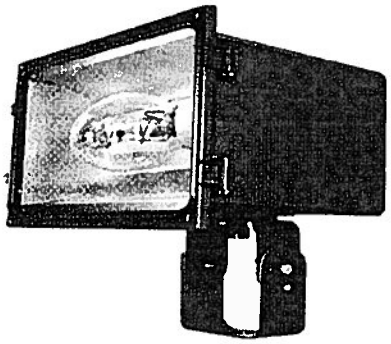
Pulse Start Metal Halide: ED28 type lamps from 150 to 400 watts, utilizing a mogul base, glazed porcelain socket pulse rated for 4KV with a CWA ballast rated for a minimum operating temperature of -30°C (-22°F) and Multi-tap (120/208/240/277VAC) or 480VAC input.

INSTALLATION

The Trace-lite TL203 Series is ideal for mounting to any surface and includes a swivel bracket mount. Cover is hinged for easy access to lamp and internal components.

WARRANTY

Any housing component that fails due to manufacturer's defect is guaranteed for two years from time of shipment. Ballasts, Capacitors, and Ignitors are warrantied for one year from time of shipment. Warranty does not apply to damages caused by improper installation, abuse, fire or acts of God. Lamp is not covered by manufacturer's warranty.



The Trace-lite TL203 Series is ideal for buildings, backyards, parks, sports fields, sign illumination, and other areas where general floodlighting is necessary. Available with either Metal Halide, Pulse Start Metal Halide or High Pressure Sodium lamps for any application.

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

ORDERING INFORMATION

TL203 150 MT DB - --

SERIES: TL203

LAMP:
- MH = Metal Halide
- PSMH = Pulse Start Metal Halide
- HPS = High Pressure Sodium

WATTS:

Metal Halide	Pulse Start Metal Halide
70 = 70W	150 = 150W
100 = 100W	175 = 175W
	200 = 200W
High Pressure Sodium	250 = 250W
100 = 100W	320 = 320W
150 = 150W	350 = 350W
250 = 250W	400 = 400W
400 = 400W	

VOLTS:
- MT = 120/208/240/277V
- 480[1] = 480V

OPTIONS (Factory Installed):
- QR150 = 150W Quartz Restrike
- SZXXX[2] = Single Line Side Fuse (Specify 120 or 277V)
- DZXXX[2] = Double Line Side Fuse (Specify 208, 240, or 480V)
- SF = Slip Fitter Mount (Shipped I/O Swivel)
- USA = Meets Buy America Requirements

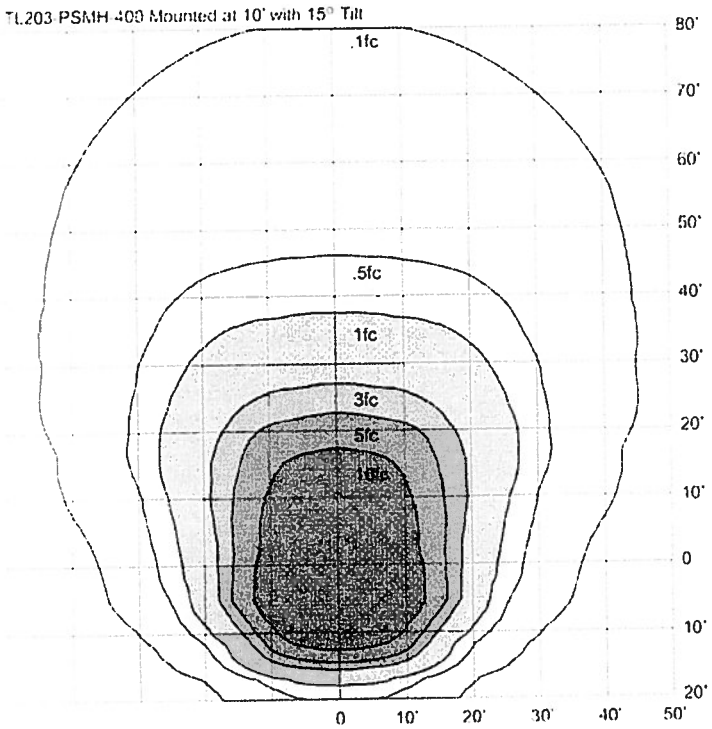
ACCESSORIES[3] (Field Installed):
- PC1 = 120V Photocontrol
- PC2 = 208-277V Photocontrol
- PG203 = Polycarbonate Guard
- WG203 = Wire Guard
- GS203 = Glare Shield
- SFG = Slip Fitter Mount
- FRM/GL203 = Replacement Frame and Lens Kit

[1] Not Available on 70W Units
[2] Specify Voltage
[3] Order as Separate Line Item

10810024 03/11

16.

SAMPLE PHOTOMETRICS

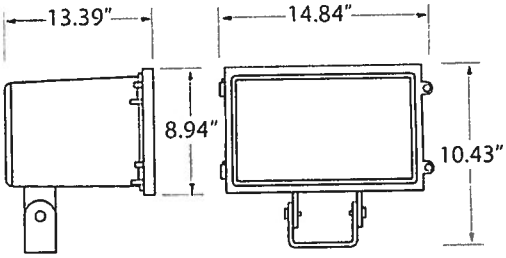


Footcandle Correction

Multiply factors times the footcandle values for changes in lamp type.

Lamps	150W PSMH	250W PSMH	250W HPS	**400W PSMH**	400W HPS
Factor	.32	.56	.68	**1.00**	1.24

DIMENSIONS



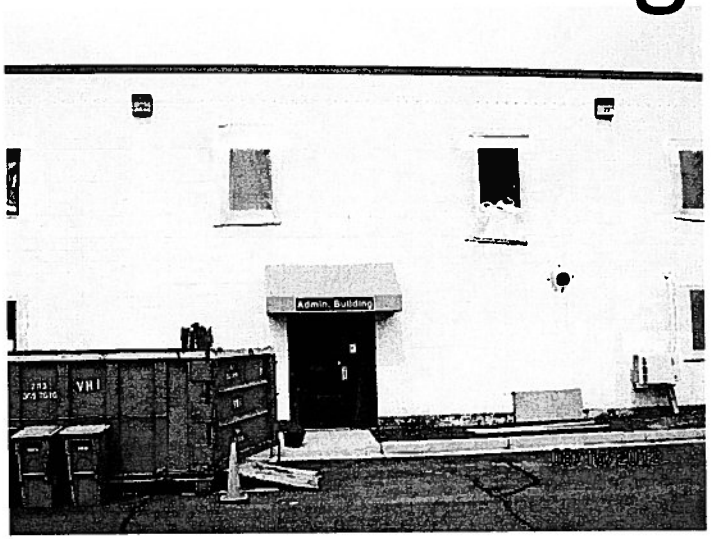
Approximate Weight: 19 lbs.

EPA: 1.37

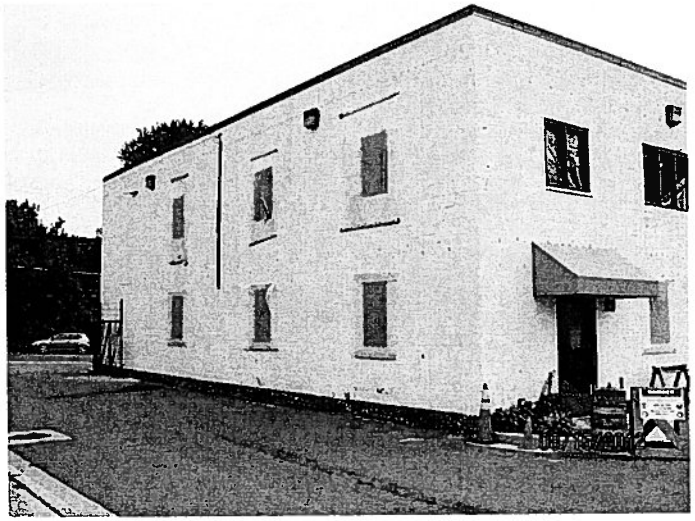
BARRON lighting group

1911 West Parkside Lane • Phoenix, AZ 85027
888.533.3948 • 623.580.3948 • Fax: 623.580.8948
www.barronltg.com

Existing Condition



East Side of Building



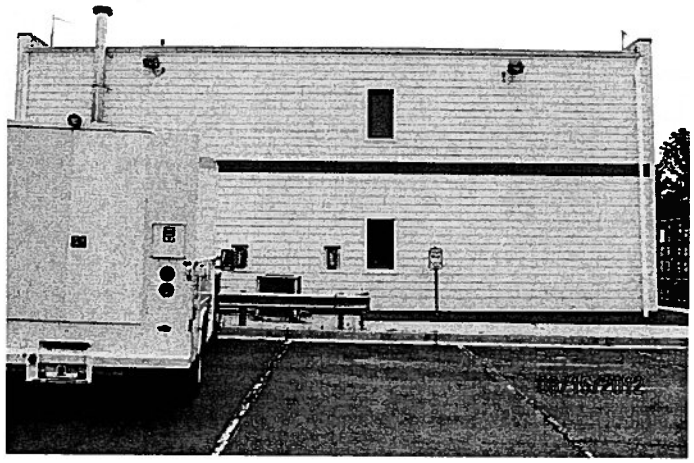
West Side of Building

South Side of Building

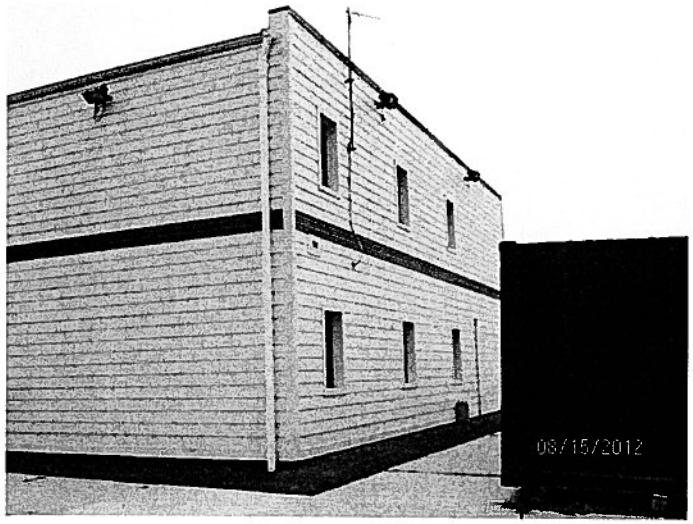
North Side of Building

Proposed Condition with Hardy Board

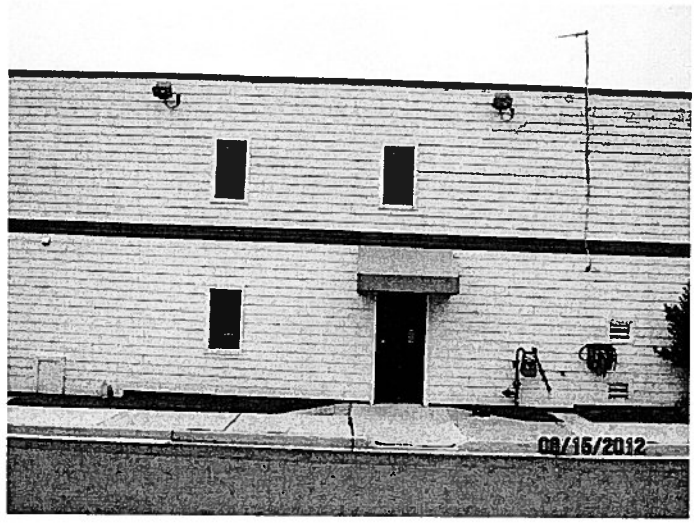
East Side of Building



West Side of Building

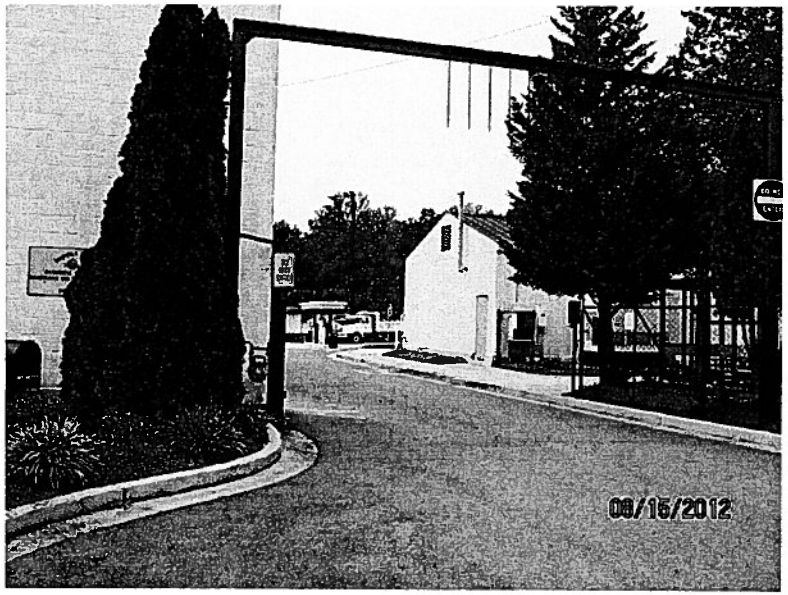


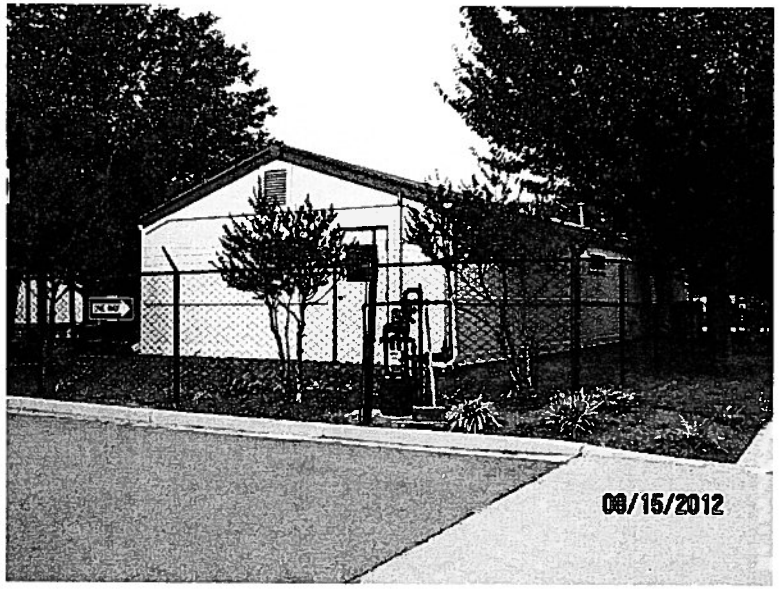
South West Side of Building



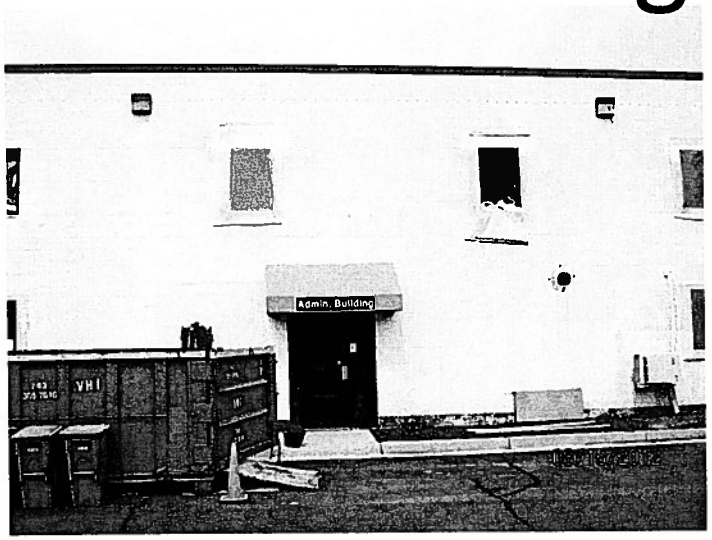
North Side of Building

Similar Exterior Finishes on buildings visible from West Drive

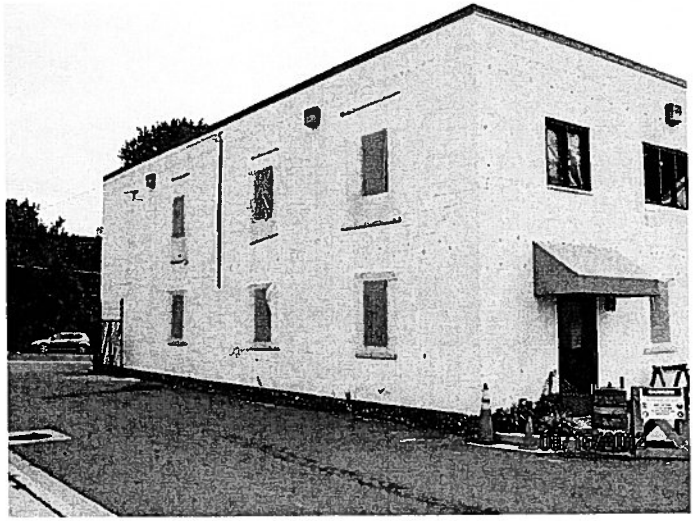




Existing Condition



East Side of Building



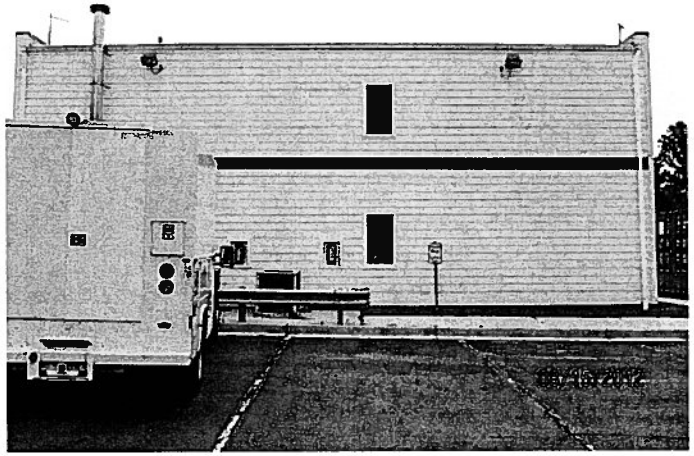
West Side of Building

South Side of Building

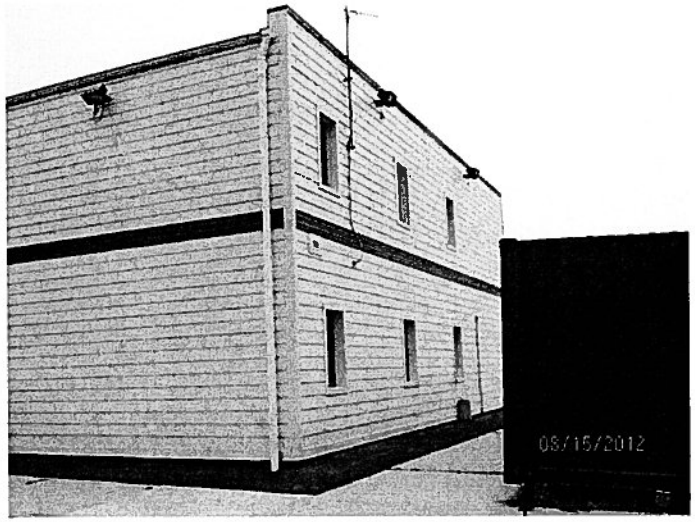
North Side of Building

Proposed Condition with Hardy Board

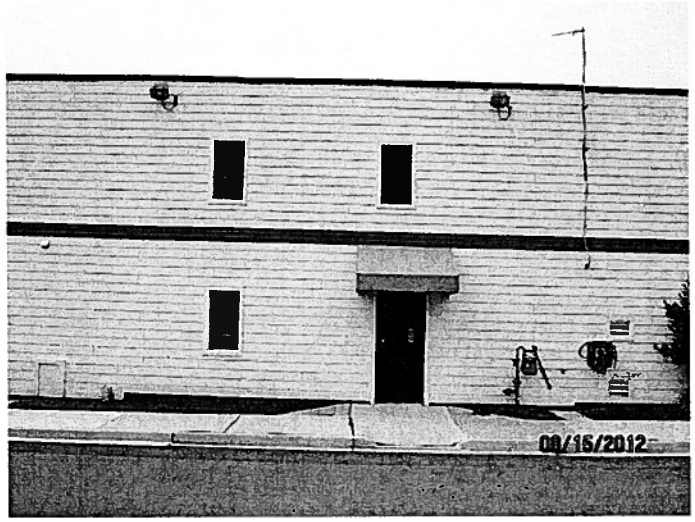
East Side of Building



West Side of Building

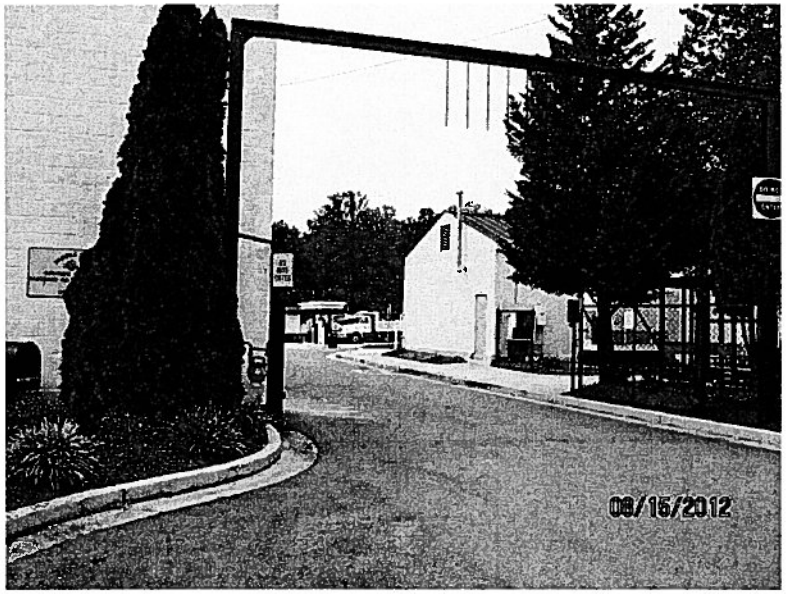


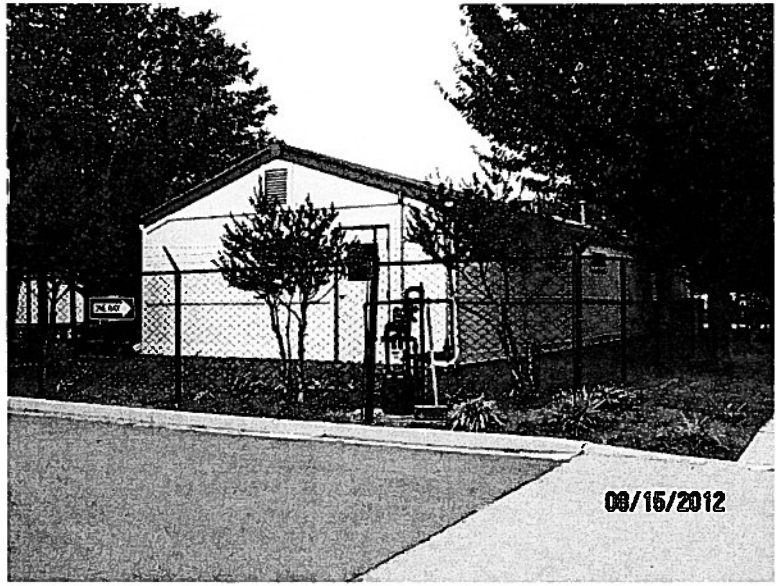
South West Side of Building



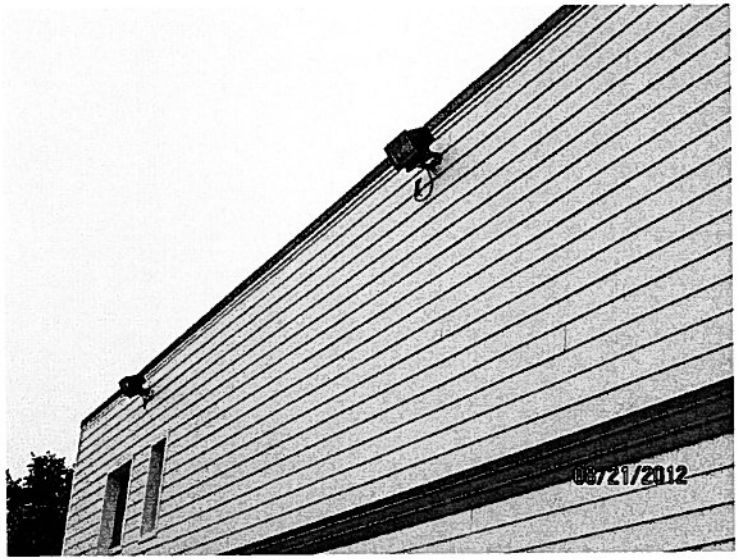
North Side of Building

Similar Exterior Finishes on buildings visible from West Drive



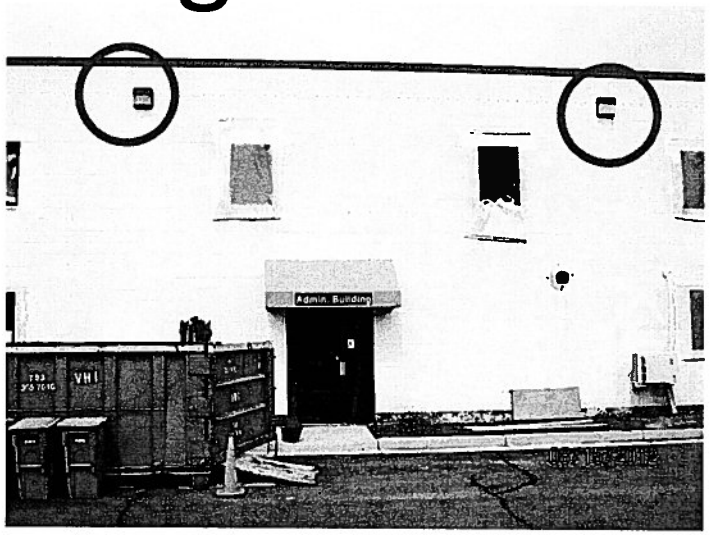


Light Fixtures- Replacing old fixtures with the one below. 2 on the East, 2 on the West,1 on North and 1 on South

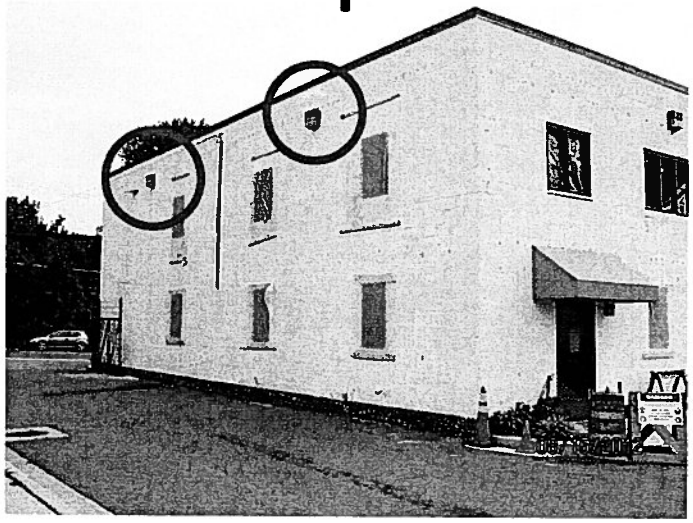


24.

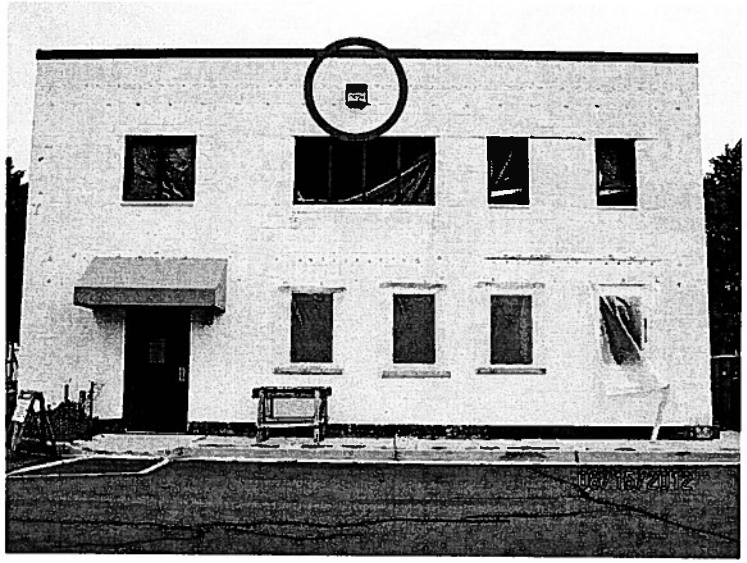
Light Fixtures to be Replaced



East Side of Building



West Side of Building



South Side of Building

North Side of Building

25.

Exterior Siding Installation
Fairfax County - Stormwater Maintenance

10635 West Drive Fairfax, VA
Magisterial District:_____

OTJ ARCHITECTS PROJECT NUMBER : 4675.19

Contract Number CN:_____

ISSUED FOR PERMIT-PRICING

Department of Public Works and Environmental Services

QUALITY CONTROL SIGN-OFF		
(for all submittals with the exception of Bid Set)		
NAME	DISCIPLINE	HOURS
	ARCHITECT	
	CIVIL	
	STRUCTURAL	
	MECHANICAL/PLUMBING	

Architect:
OTJ Architects, Inc.
1412 Eye Street, NW
Washington, DC 20005
P: 202.621.1000
F: 202.621.1001

APPROVALS
RECOMMENDATION FOR APPROVAL OF CONSTRUCTION

Director - Planning and Design Division, DPWES Date

Director - Construction Management Division, DPWES Date

Using Agency Director (show agency name) Date

Deputy Director- Date
Department of Public Works and Environmental Services

PROJECT NAME/NUMBER: Fairfax Stormwater/4675.19
ISSUED FOR PERMIT-PRICING

26

BUILDING CODE AND FIRE ANALYSIS

Building Code and Fire Analysis Jurisdiction:

Name of Jurisdiction:	Fairfax City, VA
Project Name:	FAIRFAX STORMWATER EXTERIOR SIDING INSTALLATION
Building:	2006 INTERNATIONAL BUILDING CODE 2006 VIRGINIA UNIFORM STATEWIDE BUILDING CODE
Electrical:	2005 NFPA 70-NATIONAL ELECTRICAL CODE 2006 VIRGINIA UNIFORM STATEWIDE BUILDING CODE
Mechanical:	2006 INTERNATIONAL MECHANICAL CODE 2006 VIRGINIA UNIFORM STATEWIDE BUILDING CODE
Plumbing:	2006 INTERNATIONAL PLUMBING CODE 2006 VIRGINIA UNIFORM STATEWIDE BUILDING CODE
Fire:	2007 NATIONAL FIRE PROTECTION ASSOC. 13, 13D, 13R & 72 2006 VIRGINIA UNIFORM STATEWIDE FIRE PROTECTION CODE
Energy:	2006 INTERNATIONAL ENERGY CONSERVATION CODE 2006 VIRGINIA UNIFORM STATEWIDE BUILDING CODE
Handicapped:	2006 INTERNATIONAL BUILDING CODE 2003 EDITION / ICC/ANSI A117.1-2003
Scope of Work:	EXTERIOR RENOVATION AND WINDOW INSTALLATION

Building Information:

Use Group of Building:	B
Use Group of Tenant:	B
Type of Construction (Building):	VB
Type of Construction (Tenant):	VB

Fire Resistance Rating Requirements: Based Upon Table 601

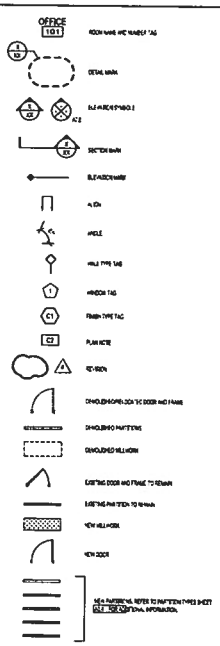
Structural Frame: (Including Columns, Girders, Trusses)	0 HOURS REQUIRED
Bearing Walls:	
Exterior:	0 HOURS REQUIRED
Interior:	0 HOURS REQUIRED
Non-Bearing Walls:	
Exterior:	0 HOURS REQUIRED
Interior:	0 HOURS REQUIRED
Floor Construction: (Including Supporting Beams & Joists)	0 HOURS REQUIRED
Roof Construction: (Including Supporting Beams & Joists)	0 HOURS REQUIRED
High Rise:	NO
Height of Stories:	22'-8" TO MAIN ROOF; /2 STORIES
Building Sprinkler:	YES, FULLY
Floor Location:	1ST AND 2ND
Covered Mall:	NO

Note: Drinking Fountain calculations include filtration units to be added to the tenant space.

ABBREVIATIONS

*	ANGLE	DEPT	DEPARTMENT	FT	FOOT, FEET	LKR	LOCKER	PSI	POUNDS PER SQUARE INCH	TBD	TO BE DETERMINE
@	AT	DF	DRINKING FOUNTAIN	FTG	FOOTING	LT	LIGHT	PTN	PARTITION	T&B	TOP & BOTTOM
AB	ANCHOR BOLT	DG	DOOR GRILLE	FURN	FURNITURE	LVR	LOUVER	PVC	POLYVINYL CHLORIDE	TOC	TOP OF CURB
ABV	ABOVE	DIAG	DIAGONAL	FURR	FURRING	LW	LIGHTWEIGHT			TEL	TELEPHONE
A/C	AIR CONDITIONING	DIAM	DIAMETER	FVC	FIRE VALVE CABINET	M	METER(S)	QT	QUARRY TILE	T&G	TONGUE & GROOVE
ACT	ACOUSTICAL CEILING TILE	DIM	DIMENSION			MACH	MACHINE	QTY	QUANTITY	THRD	THRESHOLD
ADJ	ADJUSTABLE	DIV	DIVISION	G	GAS					THK	THICKNESS
AFF	ABOVE FINISHED FLOOR	DWT	DEWDUNTABLE	GA	GAUGE	MATL	MATERIAL	R	RISER	THRU	THROUGH
AHU	AIR HANDLING UNIT	DN	DOWN	GAL	GALLON	MAX	MAXIMUM	RA	RETURN AIR	TOS	TOP OF STEEL
ALT	ALTERNATE	DP	DAMPPROOFING	GALV	GALVANIZED	MB	MARKERBOARD	RAD	RADIUS	TOW	TOP OF WALL
ALUM	ALUMINUM	DR	DOOR	GB	GRAB BAR	MECH	MECHANICAL	RB	RUBBER BASE	TPT	TEXTURES PAINT
AP	ACCESS PANEL	DT	DRAIN TILE	GC	GENERAL CONTRACTOR	MED	MEDIUM	RECP	RECEPTACLE	TRT	TREAT(ED)
APPR	APPROXIMATE	DTL	DETAIL	GEN	GENERAL	MEMB	MEMBRANE	REF	REFERENCE	TOS	TOP OF SLAB
ARCH	ARCHITECTURAL	DW	DRYWALL	GFI	GROUND FAULT CIRC. INTERUP.	MFR	MANUFACTURER	REFG	REFRIGERATOR	TV	TELEVISION
ASB	ASBESTOS	DWG	DRAWING	GL	GLASS			REINF	REINFORCE(D,ING)	TYP	TYPICAL
ATTEN	ATTENUATION	DWR	DRAWER	GR	GRADE	MIN	MINIMUM	REQD	REQUIRED		
AUTO	AUTOMATIC			GS	GALVANIZED STEEL	MIR	MIRROR	REQMT	REQUIREMENT	UC	UNDERCUT
AVG	AVERAGE	E	EAST	GWT	GLAZED WALL TILE	MISC	MISCELLANEOUS	RES	RESILIENT	UG	UNDERGROUND
AWP	ACOUSTICAL WALL PANEL	EA	EACH	GYP	GYPSUM	MLDG	MOLDING	RET	RETURN	UH	UNIT HEATER
		EF	EXHAUST FAN			MO	MASONRY OPENING			UNFIN	UNFINISHED
BBD	BULLETIN BOARD	EJ	EXPANSION JOINT	HBD	HARDBOARD			RH	RIGHT HAND	UNO	UNLESS NOTED OTHERWISE
BD	BOARD	EL	ELEVATION	HDR	HEADER	MT	MOUNT	RL	RAIN LEADER		
BLDG	BUILDING	ELEC	ELECTRICAL	HDWD	HARDWOOD	MTD	MOUNTED	RM	ROOM	V	VINYL
BLK	BLOCK	ELEV	ELEVATOR	HDWR	HARDWARE	MTG	MOUNTING	RO	ROUGH OPENING	VAC	VACUUM
BLKG	BLOCKING	EMER	EMERGENCY	HM	HOLLOW METAL	MTL	METAL	RT	RUBBER TILE	VB	VINYL BASE
BM	BENCH MARK	EPBD	ELECTRICAL PANELBOARD	HORIZ	HORIZONTAL	MUL	MULLION	RTU	ROOFTOP UNIT	VCT	VINYL COMPOSITION TILE
BOT	BOTTOM	EPX	EPOXY	HR	HOUR			RW	RIGHT OF WAY	VERT	VERTICAL
BRK	BRICK	EQ	EQUAL	HT	HEIGHT	N	NORTH			VEST	VESTIBULE
BSMT	BASEMENT	EQUIP	EQUIPMENT	HTR	HEATER	NIC	NOT IN CONTRACT	S	SOUTH	VIF	VERIFY IN FIELD
BTWN	BETWEEN	EST	ESTIMATE	HVAC	HEATING, VENTILATING AIR CONDITIONING	NO	NUMBER	SAN	SANITARY	VR	VAPOR RETARDER
		EWC	ELECTRIC WATER COOLER			NOM	NOMINAL	SAB	SOUND ATTENUATION BLANKET	VT	VINYL TILE
C	CARPET	EXH	EXHAUST	HW	HOT WATER	NRC	NOISE REDUCTION COEFFICIENT	SC	SOLID CORE	VWB	VINYL WALL BASE
CAB	CABINET	EXIST	EXISTING			NTS	NOT TO SCALE	SCH	SCHEDULE	VWC	VINYL WALL COVERING
CBD	CHALKBOARD	EXP	EXPANSION	ID	INSIDE DIAMETER			SCWD	SOLID CORE WOOD DOOR		
CCTV	CLOSED CIRCUIT TELEVISION	EXP C	EXPOSED CONSTRUCTION	IN	INCH	OC	ON CENTER	SD	STORM DRAIN	W	WEST
CFM	CUBIC FEET PER MINUTE	EXT	EXTERIOR	INCL	INCLUDE	OD	OUTSIDE DIAMETER	SHLVG	SHELVING	WF	WITH
CG	CORNER GUARD			INFO	INFORMATION	OH	OVERHEAD	SHT	SHEET	WB	WOOD BASE
CI	CAST IRON	FB	FACE BRICK	INST	INSTALLATION(S)	OPNG	OPENING	SHTH	SHEATHING	WC	WATER CLOSET
CJ	CONTROL JOINT	FD	FLOOR DRAIN	INSUL	INSULATE(DION)	OPP	OPPOSITE	SGF	SPRAY FIREPROOFING	WD	WOOD BASE
*	CENTERLINE	FE	FIRE EXTINGUISHER	INT	INTERIOR			SPEC	SPECIFICATION	WDW	WINDOW
CLG	CEILING	FEC	FIRE EXTINGUISHER CABINET			PC	PRECAST	SPK	SPRINKLER	WGL	WIRE GLASS
CLOS	CLOSET	FF	FINISHED FLOOR			PERF	PERFORATE(D)	SQ	SQUARE	WH	WATER HEATER
CLR	CLEAR	FGL	FIBERGLASS	JAN	JANITOR	PERIM	PERIMETER	SS	STAINLESS STEEL	WO	WITHOUT
CMU	CONCRETE MASONRY UNIT	FH	FIRE HYDRANT	JB	JUNCTION BOX	PL	PLATE	ST	STREET	WP	WATERPROOFING
CNTR	COUNTER	FHC	FIRE HOSE CABINET	JCT	JUNCTION	PLAM	PLASTIC LAMINATE	STA	STATION	WPT	WORKING POINT
COL	COLUMN	FHVC	FIRE HOSE VALVE CABINET	JST	JOIST	PLAS	PLASTER	STC	SOUND TRANSMISSION COEF.	WR	WATER RESISTANT
CONC	CONCRETE	FIN	FINISH(ED)	JT	JOINT	PLUMB	PLUMBING	STD	STANDARD	WSCT	WAINSCOT
CONST	CONSTRUCTION	FIX	FIXTURE			PLYWD	PLYWOOD	STL	STEEL	WT	WEIGHT
CONT	CONTINUOUS	FLSHG	FLASHING	KIT	KITCHEN	PNL	PANEL	STOR	STORAGE		
CONTR	CONTRACTOR	FLR	FLOOR			PNT	PAINT	STRUCT	STRUCTURAL		
CORR	CORRIDOR	FLUR	FLUORESCENT	LAB	LABORATORY	PR	PAIR	SUBFLR	SUBFLOOR		
CT	CERAMIC TILE	FND	FOUNDATION	LAM	LAMINATE	PREFAB	PREFABRICATE(D)	SUSP	SUSPENSION		
CW	COLD WATER	FR	FIRE RATED	LAV	LAVATORY	PREFB	PREFINISHED	SYM	SYMMETRY(RICAL)		
		FRMG	FRAMING	LBS	POUNDS	PREP	PREPARE				
DBL	DOUBLE	FRT	FIBER RETARDANT TREATED	LF	LINEAR FEET (FOOT)	PROJ	PROJECT	T	TREAD		
DEMO	DEMOLISH, DEMOLITION			LH	LEFT HAND	PSF	POUNDS PER SQUARE FOOT	TB	TACKBOARD		

COMMON SYMBOLS



GREEN DESIGN PRACTICES:

ALTHOUGH THE CLIENT IS NOT PURSUING LEED CERTIFICATION, THE FOLLOWING GREEN DESIGN REGULATIONS/PRACTICES SHALL BE FOLLOWED:

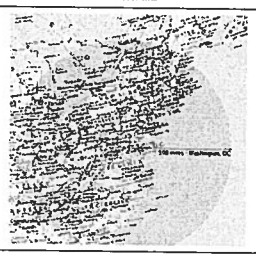
*** PLEASE CLEARLY DELINEATE IN YOUR PRICING WHAT ADDITIONAL COSTS, IF ANY, WILL BE INCURRED BY ADHERING TO THE FOLLOWING GREEN PRACTICES:

1.3 ALL METAL STUDS ARE TO BE DETAILCH OR MARKHAMS BRAND STUDS, OR AN APPROVED EQUAL PRODUCT WHICH IS MANUFACTURED WITHIN 500 MILES OF THE PROJECT SITE.

2.2 ALL SPECIFIED CEILING PRODUCTS ARE TO BE PURCHASED FROM MANUFACTURING FACILITIES WITHIN 500 MILES OF THE PROJECT SITE. (ARMSTRONG PRODUCTS MEET THIS CRITERIA)

3.3 ALL DOOR FRAMES ARE TO BE PIONEER BRAND DOOR FRAMES, OR ANOTHER APPROVED EQUAL PRODUCT WHICH IS MANUFACTURED WITHIN 500 MILES OF THE PROJECT SITE.

4.3 ALL DOORS ARE TO BE PIONEER OR MOHAWK BRAND DOORS, OR ANOTHER APPROVED EQUAL PRODUCT WHICH IS MANUFACTURED WITHIN 500 MILES OF THE PROJECT SITE.



6.3 USE THE MAXIMUM LEVEL OF HVAC FILTERS PERMISSABLE AND PRACTICAL DURING CONSTRUCTION, AND REPLACE ALL FILTERS IMMEDIATELY PRIOR TO OCCUPANCY BY THE TENANT.

6.3 ALL PAINTS MUST BE LOW OR NO VOC (DEFINED AS NOT EXCEEDING THE SCAQMD RULE #1113 REQUIREMENTS, OR THE GREEN SEAL GS-11 STANDARD--AS EXPLAINED IN LEED-CI V2.0 MR4.2).

7.3 ALL PARTITION AND CURTAIN WALL INSULATION IS TO BE ROCKWOOL, AFB MINERAL WOOL INSULATION, OR AN APPROVED EQUAL MINERAL WOOL TYPE INSULATION WHICH IS EXTRACTED AND MANUFACTURED WITHIN 500 MILES OF THE PROJECT SITE.

8.3 FOLLOW HOUSEKEEPING PROCEDURES DURING CONSTRUCTION AS FOLLOWS:

- Suppress dust during construction and/or demolition activities with watering agents or sweeping compounds.
- Broom clean and vacuum the floors to keep dust from accumulating during construction and/or demolition.
- Ensure that food and food packaging are not left on the jobsite.
- Give preference to low-toxic pest control chemicals, if needed.
- Remove spills or excess application of solvent-or fuel-ing products as soon as possible.
- Use biodegrading cleaning agents.

9.3 ALL ADHESIVES (INCLUDING THOSE ADHESIVES USED IN THE CONSTRUCTION OF ALL MILLWORK COMPONENTS) MUST BE LOW OR NO VOC (DEFINED AS NOT EXCEEDING THE SCAQMD RULE #1168 REQUIREMENTS -- AS OUTLINED IN LEED-CI V2.0 MR4.2).

- Adhesives shall comply with the current VOC Content limits as expressed in grams per liter of "SCAQMD Rule 1168 "Adhesive and Sealant Applications" amended January 7, 2005, and Green Seal Standard GS-36 as follows.
  - o Indoor Carpet & Pad Adhesives: 50
  - o Wood Flooring Adhesive: 100
  - o Rubber Floor Adhesives: 60
  - o Subfloor Adhesives: 50
  - o Ceramic Tile Adhesives: 65
  - o VCT and Asphalt Tile (& Underlayment Adhesives: 50
  - o Dry Wall and Panel Adhesives: 50
  - o Cove Base Adhesives: 50
  - o Multipurpose Construction Adhesives: 70
  - o PVC Welding: 510
  - o CPVC Welding: 490
  - o ABS Welding: 325
  - o Plastic Cement Welding: 250
  - o Adhesive Primer for Plastic: 550
  - o All Other Welding & Installation Adhesives 250
  - o Metal to metal substrate: 30
  - o Plastic foam substrate: 50
  - o Porous substrate cement wood: 50
  - o Wood substrate: 30
  - o Fiberglass substrate: 80
  - o Structural Glazing Adhesives : 100
  - o General purpose mist spray aerosol adhesives : 65% VOCs by weight
  - o General purpose non spray aerosol adhesives: 55% VOCs by weight
  - o Special purpose aerosol adhesives (all types): 70% VOCs by weight

10.3 RECYCLING OF DEMOLITION AND CONSTRUCTION WASTE IS REQUIRED.

MATERIALS WHICH MAY BE RECYCLED INCLUDE:

- o Ceiling Tiles
- o Ceiling Grid
- o Ceiling
- o Doors
- o Hollow Metal Door Frames
- o Insulation
- o Concrete and concrete pavers
- o Brick and brick pavers
- o Concrete Masonry Units (CMUs)
- o Ferrous and nonferrous metals
- o Clean, unpainted, unpainted dimensional wood (new of reuse or other species) *wood pallets may be acceptable with paint and/or stains)
- o Plywood, OSB, and particleboard
- o Plastics
- o Roofing materials
- o Glass
- o Gypsum board (drywall)
- o Carpet and pad
- o Leftover paint (kept in its original container)
- o Fluorescent light bulbs and tubes
- o Beverage containers (plastic, glass and metal)
- o Corrugated cardboard
- o Wood paper

REFERENCES FOR RECYCLING CONSTRUCTION WASTE INCLUDE:

- Metropolitan Washington Council of Governments "Builders' Guide to Reuse & Recycling".
  - < http://www.mwcog.org/uploads/pub-documents/ba1071092601151130.pdf >
- MARC DO: Mid-Atlantic Consortium of Recycling and Economic Development. Officially provides a recycling markets and sources directory for the Mid-Atlantic states. Website: < http://marcdo.org/index.htm >

OTJ ARCHITECTS 2010

DRAWING INDEX

SHEET #	SHEET NAME
ARCHITECTURAL DRAWINGS	
	COVER SHEET
A0.0	DRAWING INDEX, SYMBOLS, & BUILDING CODE INFO
A0.2	GENERAL NOTES AND SPECIFICATIONS
A0.3	GENERAL NOTES AND SPECIFICATIONS
A1.0	ELEVATIONS
A2.0	ELEVATIONS AND DETAILS

ADD/DEDUCT ALTERNATES (BY REQUEST)

ADD ALTERNATES:

OTJ ARCHITECTS
1412 Eye Street, NW
Washington, DC 20005
202.621.1000
202.621.1001
www.otj.com

Fairfax County MSMD

10635 West Drive
Fairfax, VA

MEP Engineer:

5/14/13 ISSUED FOR PERMIT-PRICING
4/16/13 ISSUED FOR 100% REVIEW

4675.19
PD, PR, CT
PD
07.30.10

Drawing Index
Building Code Information
Key Plan

AS NOTED

A0.0

verify all dimensions and conditions at the site and report any discrepancies to OTJ Architects Inc. before proceeding with the work.

27

4875.19_A0.2.dwg May 14, 2013, 10:52 am

DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS

NOTE: SECTION 101.05 AND SUBNOTE 1 IN GENERAL NOTES ON SHEET 00.01 AND 00.02 DEFINE THE WORK PERFORMED UNDER THIS SPECIFICATION AS DIVISION SECTIONS. NOT ALL SECTIONS HAVE APPLICATION TO THIS PARTICULAR PROJECT. GENERAL CONTRACTOR SHALL COORDINATE ALL NOTES PLACED UNDER SUBCONTRACTING AND CONTRACTS TO THE OTHER DIVISIONS.

1. The Installation Instructions of Architects document A201 - General Conditions of the Contract for Construction, in current model, all are from this note applicable to this particular project.
2. The General Contractor and sub-tier contractors cannot enter into sub-contracts and shall supervise and direct operations of the work.
3. The General Contractor and Subcontractors of whatever and shall provide the installation property of the Installer, whether the process for which they are prepared is overlooked or not. The General Contractor and Subcontractors are not to be considered as Tenant for other purposes or operations to the project, nor are they to be deemed in any manner whatsoever subject to agreement in writing and all appropriate communications to the Architect.
4. The work shall conform with the requirements of all operative building legislation.
5. "Landlord" means a supply only for others to use or place.
6. Provide means handle install, construct, store and handover.
7. Similar means components interchangeable for the conditions noted.
8. Typical means typical demonstration for the conditions noted.
9. All drawings herein are prepared with the best information available to the Architect at the time of project documentation. Field surveys have been performed on major building elements details and appears under the conditions of the building owner. The Architect is not responsible for unknown conditions.
10. The General Contractor shall be responsible for Investigating the Site and verifying the Contract Documents with field conditions and dimensions, materials, methods and the areas to indicate on shown before proceeding with construction. Include cost for all costs incurred and dimensions required to fulfill the intent of the Contract Documents and required or implied by existing conditions. Verify the existence of any conflicts between existing conditions and new work shown, whether or conflict in the drawings and any related conditions. Report to the consultant of the work. The Architect shall direct the General Contractor after consultation with the Tenant regarding such dimensions. In the event of conflicts between drawings or notes and drawings it shall be assumed the critical condition or requirement has been included in the cost of the work and shall make the conditions complete.
11. Code Compliance and Inflammable Notes:
   a. All work shall be carried out in accordance with International Building Code 2003 (IBC) Section 1003 Doors, Gates and Turnstiles.
   b. All materials and operating mechanisms to comply with International Building Code 2003 (IBC) Section 1003 Doors, Gates and Turnstiles.
   c. Tenant spaces shall be constructed to comply with International Building Code 2003 (IBC) Chapter 11 accessibility, regarding accessible building code features and facilities.
   d. All Hall and Ceiling finishes simultaneously with International Building Code 2003 (IBC) Table 803 Hall and Ceiling Finishes.
   e. All floor finishes shall comply with International Building Code 2003 (IBC) 1008, Section 1008 Floor Finishes.
12. In general information on the architectural documents shall also predominate and information on the mechanical, electrical or plumbing documents. Verify identical or any discrepancies prior to proceeding with construction.
13. Noise installation code of the 2 models 2 numbers is each of the Subcontractors for the installation of noise and coordination of field work.
14. The Tenant will be responsible for applying for and paying for the permits building work. The General Contractor shall apply for similar permits for all other permits, fees, transactions and approvals by local authorities having jurisdiction over the project. Provide copies of all transactions to the Tenant and Building Owner. Notify the Architect of any conflicts with codes if found. The General Contractor shall be responsible for compliance with codes of any public authority having on the implementation of the work.
15. The General Contractor shall submit an estimated progress construction schedule for the work which shall be in the form of a bar chart showing dates of substantial completion and a schedule of values.
16. The General Contractor shall provide and pay for all materials, labor, equipment, tools, construction equipment, overhauling, transportation, and delivery, water, heating, removal of trash and waste and other facilities and services necessary for the execution of the work.
17. All work shall be performed by the General Contractor unless otherwise noted. All allowances to the Contractor include the General Contractor and their Subcontractors. The General Contractor shall be solely responsible for and have control over all construction means, methods, sequences, and procedures, and for coordinating all portions of the work required by the Contract Documents. The General Contractor shall be responsible for and coordinate all the General Contractor's, Subcontractors, Suppliers, Sub-contractors agents and employees, and any other persons performing any of the work under a contract with the General Contractor. The architect shall not have responsibility for errors, omissions or delays caused by the General Contractor.
18. The General Contractor is responsible for coordinating and providing provisions for all new and existing work in order to prevent damage to the work of other trades.
19. The General Contractor shall be responsible for coordination of all shared utility lines and shall include submit coordination drawings showing locations, layout, conduit, piping, sprinkler lines and work area. Identifying any potential conflicts. The General Contractor shall ensure forms as required, maintaining a consistently functional and quality engineered system design. If line of coordinated utility drawings, the General Contractor may submit a color highlighting each elevation of coordination. Any and Identify potential conflicts, coordinating all future trades, and form lines in these specific areas. Failure to submit these drawings will be considered an indication that the General Contractor has verified all areas within their work. Finding it to be free of major conflicts. The General Contractor shall be responsible for other relevant trades to avoid conflicts while installing the Architect.
20. Prepare existing concrete floors to a smooth uniform surface, fill floor cracks, grooves, to hardness and other preparations such as for gluing and cement, and to be in place as part of the existing floor preparation.
21. Store materials during normal working hours unless otherwise directed by the Tenant. The General Contractor and schedule and perform all work so as not to cause undue disturbance to the building and shall be responsible for any overtime costs incurred if work has to be rescheduled for safety, time or occupied hours, where of doubt refer to the Architects for the Tenant or Building Owner. The General Contractor shall ensure consultations and the Owner and be coordinated with their parties and the General Contractor shall have made provisions to meet up a good work time. The General Contractor shall ensure consultations and be responsible for the safety of all building occupants from construction processes. During nothing or when work is or subject to indicated shall be performed at other time normal working hours to the affected emergency, unless otherwise indicated.
22. Comply and coordinate all work with the building Owner regarding fuse, water electricity, industries, noise, elevator availability, noise control, dust and debris, removal, rubbing, and any other utilities or Owner's rules and regulations concerning the project site.
23. The General Contractor shall offer and schedule delivery of materials in single drop or small delivery quantities. Note the installer shall be in. Size of materials or number of any product delivery that would delay the employable completion of the project.
24. All items shown in the drawings shall be furnished and installed by the General Contractor the installer all dimensions and connected features. Only items specified as "Provided by Owner" or "provided by Tenant" will be analyzed from Contractor's scope of work. All distributions and connections to Owner's equipment shall be by the Contractor.
25. Give Contractors and their Subcontractors may be working on the premises simultaneously when the number of the Contract. No order shall be sent or on the part of the Contractor or any Sub-contractor to be sent the excess or cancellation of any other Contractor or the previous failure to Architecture.
26. Coordinate scheduling problems for installation handled and the work installed between the Owner or by other people provided for these items, will generation of the needs. Facilitate work with all trades on the under the work permits to the Contractor. Ex. elevators, consultant installers, etc. Any damages or extra charges from conflicts between such needs and the General Contractor and the work installing of the General Contractor who shall cause such delays and be responsible for the cost of the Owner.
27. Verify all dimensions in the field. In the event that dimensions cannot be located or the installation of dimensions could cause a delay to the progress of the work, the General Contractor shall give written dimensions to the Subcontractors for coordination. Do not scale drawings. Dimensions governs.
28. The coordination of all services and other drawings shall cover through the Architects.
29. Submit for the Architect's coordination samples and product literature and other product data of any proposed substitutions. A representation of the Contract Documents to a Subcontractor shall not constitute the approval of that drawings.
30. Submit for the architect's review prior to installation or production, shop drawings or materials for all relevant and all other items as requested by the Architect. Review means dimensions verification and approval of shop drawings and submittals. Indicating verifying and providing field dimensions, prior to submission to any contractor.
31. Changes in drawings or product work shall be issued by the Architect.
32. Install and maintain all necessary openings, protection enclosures, temporary doors, partitions and dust barriers to protect all components and work from damage and weather to avoid. Repair any damage caused by improper protection or not installed such to Owner. Where damaged due notice to not coordinating to protected enclosures, or manufacturer's instructions for installation and/or replacement or installation not to Owner.
33. Remove debris and lighting the protection partition and the safety approved in working order during construction. Keep egress paths clear at all times.
34. Thoroughly clean all surfaces of dust, debris, foreign contaminants, materials and equipment debris. Remove or any all items or equipments and clean all surfaces and glazing.
35. Substantial completion shall be the date of which the premises are available to the Tenant for occupancy from the General Contractor and shall be as defined in AIA C Document A201. Additional punchlist or other installation work may be installation.
36. Warranty to the Owner for all materials and equipment furnished and installed under this contract shall be one year effective date, and not shall be of good faith free from defects and defaults, and conformed with the Contract Documents. Not a period of one year beginning at the date of Substantial Completion, the General Contractor shall promptly correct work found not to be in accordance with the Contract Documents. The General Contractor shall bear all costs of correction.
37. Problems the Owner of manufacturers warranties, product literature, maintenance requirements and maintenance schedules. Two (2) copies of each and be submitted.
38. Administration cost relating to warranties may apply in the case defaults, but are not necessarily limited to the following:
   a. American Society of Testing Materials (ASTM)
   b. American Institute of Steel Construction (AISC)
   c. American Welding Society (AWS)
   d. American Concrete Institute (ACI)
   e. American Institute Timber Construction
   f. American Institute of Steel Construction (AISC)
   g. American Welding Society (AWS)
   h. American Concrete Institute (ACI)
   i. American Institute Timber Construction
   j. American Society Testing Materials (ASTM)
   k. American Institute of Steel Construction (AISC)
   l. American Institute Timber Construction
   m. American Society Testing Materials (ASTM)
   n. American Institute of Steel Construction (AISC)
   o. American Institute Timber Construction
   p. American Society Testing Materials (ASTM)
   q. American Institute of Steel Construction (AISC)
   r. American Institute Timber Construction
   s. American Society Testing Materials (ASTM)
   t. American Institute of Steel Construction (AISC)
   u. American Institute Timber Construction
   v. American Society Testing Materials (ASTM)
   w. American Institute of Steel Construction (AISC)
   x. American Institute Timber Construction
   y. American Society Testing Materials (ASTM)
   z. American Institute of Steel Construction (AISC)
   aa. American Institute Timber Construction
   bb. American Society Testing Materials (ASTM)
   cc. American Institute of Steel Construction (AISC)
   dd. American Institute Timber Construction
   ee. American Society Testing Materials (ASTM)
   ff. American Institute of Steel Construction (AISC)
   gg. American Institute Timber Construction
   hh. American Society Testing Materials (ASTM)
   ii. American Institute of Steel Construction (AISC)
   jj. American Institute Timber Construction
   kk. American Society Testing Materials (ASTM)
   ll. American Institute of Steel Construction (AISC)
   mm. American Institute Timber Construction
   nn. American Society Testing Materials (ASTM)
   oo. American Institute of Steel Construction (AISC)
   pp. American Institute Timber Construction
   qq. American Society Testing Materials (ASTM)
   rr. American Institute of Steel Construction (AISC)
   ss. American Institute Timber Construction
   tt. American Society Testing Materials (ASTM)
   uu. American Institute of Steel Construction (AISC)
   vv. American Institute Timber Construction
   ww. American Society Testing Materials (ASTM)
   xx. American Institute of Steel Construction (AISC)
   yy. American Institute Timber Construction
   zz. American Society Testing Materials (ASTM)
   aaa. American Institute of Steel Construction (AISC)
   bbb. American Institute Timber Construction
   ccc. American Society Testing Materials (ASTM)
   ddd. American Institute of Steel Construction (AISC)
   eee. American Institute Timber Construction
   fff. American Society Testing Materials (ASTM)
   ggg. American Institute of Steel Construction (AISC)
   hhh. American Institute Timber Construction
   iii. American Society Testing Materials (ASTM)
   jjj. American Institute of Steel Construction (AISC)
   kkk. American Institute Timber Construction
   lll. American Society Testing Materials (ASTM)
   mmm. American Institute of Steel Construction (AISC)
   nnn. American Institute Timber Construction
   ooo. American Society Testing Materials (ASTM)
   ppp. American Institute of Steel Construction (AISC)
   qqq. American Institute Timber Construction
   rrr. American Society Testing Materials (ASTM)
   sss. American Institute of Steel Construction (AISC)
   ttt. American Institute Timber Construction
   uuu. American Society Testing Materials (ASTM)
   vvv. American Institute of Steel Construction (AISC)
   www. American Institute Timber Construction
   xxx. American Society Testing Materials (ASTM)
   yyy. American Institute of Steel Construction (AISC)
   zzz. American Institute Timber Construction
   aaaa. American Society Testing Materials (ASTM)
   bbbb. American Institute of Steel Construction (AISC)
   cccc. American Institute Timber Construction
   dddd. American Society Testing Materials (ASTM)
   eeee. American Institute of Steel Construction (AISC)
   ffff. American Institute Timber Construction
   gggg. American Society Testing Materials (ASTM)
   hhhh. American Institute of Steel Construction (AISC)
   iiii. American Institute Timber Construction
   jjjj. American Society Testing Materials (ASTM)
   kkkk. American Institute of Steel Construction (AISC)
   llll. American Institute Timber Construction
   mmmm. American Society Testing Materials (ASTM)
   nnnn. American Institute of Steel Construction (AISC)
   oooo. American Institute Timber Construction
   pppp. American Society Testing Materials (ASTM)
   qqqq. American Institute of Steel Construction (AISC)
   rrrr. American Institute Timber Construction
   ssss. American Society Testing Materials (ASTM)
   tttt. American Institute of Steel Construction (AISC)
   uuuu. American Institute Timber Construction
   vvvv. American Society Testing Materials (ASTM)
   wwww. American Institute of Steel Construction (AISC)
   xxxx. American Institute Timber Construction
   yyyy. American Society Testing Materials (ASTM)
   zzzz. American Institute of Steel Construction (AISC)
   aaaaa. American Institute Timber Construction
   bbbbb. American Society Testing Materials (ASTM)
   ccccc. American Institute of Steel Construction (AISC)
   ddddd. American Institute Timber Construction
   eeeee. American Society Testing Materials (ASTM)
   fffff. American Institute of Steel Construction (AISC)
   ggggg. American Institute Timber Construction
   hhhhh. American Society Testing Materials (ASTM)
   iiiii. American Institute of Steel Construction (AISC)
   jjjjj. American Institute Timber Construction
   kkkkk. American Society Testing Materials (ASTM)
   lllll. American Institute of Steel Construction (AISC)
   mmmmm. American Institute Timber Construction
   nnnnn. American Society Testing Materials (ASTM)
   ooooo. American Institute of Steel Construction (AISC)
   ppppp. American Institute Timber Construction
   qqqqq. American Society Testing Materials (ASTM)
   rrrrr. American Institute of Steel Construction (AISC)
   sssss. American Institute Timber Construction
   ttttt. American Society Testing Materials (ASTM)
   uuuuu. American Institute of Steel Construction (AISC)
   vvvvv. American Institute Timber Construction
   wwwww. American Society Testing Materials (ASTM)
   xxxxx. American Institute of Steel Construction (AISC)
   yyyyy. American Institute Timber Construction
   zzzzz. American Society Testing Materials (ASTM)
   aaaaaa. American Institute of Steel Construction (AISC)
   bbbbbb. American Institute Timber Construction
   cccccc. American Society Testing Materials (ASTM)
   dddddd. American Institute of Steel Construction (AISC)
   eeeeee. American Institute Timber Construction
   ffffff. American Society Testing Materials (ASTM)
   gggggg. American Institute of Steel Construction (AISC)
   hhhhhh. American Institute Timber Construction
   iiiiii. American Society Testing Materials (ASTM)
   jjjjjj. American Institute of Steel Construction (AISC)
   kkkkkk. American Institute Timber Construction
   llllll. American Society Testing Materials (ASTM)
   mmmmmm. American Institute of Steel Construction (AISC)
   nnnnnn. American Institute Timber Construction
   oooooo. American Society Testing Materials (ASTM)
   pppppp. American Institute of Steel Construction (AISC)
   qqqqqq. American Institute Timber Construction
   rrrrrr. American Society Testing Materials (ASTM)
   ssssss. American Institute of Steel Construction (AISC)
   tttttt. American Institute Timber Construction
   uuuuuu. American Society Testing Materials (ASTM)
   vvvvvv. American Institute of Steel Construction (AISC)
   wwwwww. American Institute Timber Construction
   xxxxxx. American Society Testing Materials (ASTM)
   yyyyyy. American Institute of Steel Construction (AISC)
   zzzzzz. American Institute Timber Construction
   aaaaaaa. American Society Testing Materials (ASTM)
   bbbbbbb. American Institute of Steel Construction (AISC)
   ccccccc. American Institute Timber Construction
   ddddddd. American Society Testing Materials (ASTM)
   eeeeeeee. American Institute of Steel Construction (AISC)
   fffffffff. American Institute Timber Construction
   ggggggggg. American Society Testing Materials (ASTM)
   hhhhhhhhh. American Institute of Steel Construction (AISC)
   iiiiiiiiii. American Institute Timber Construction
   jjjjjjjjjj. American Society Testing Materials (ASTM)
   kkkkkkkkkk. American Institute of Steel Construction (AISC)
   llllllllll. American Institute Timber Construction
   mmmmmmmmmm. American Society Testing Materials (ASTM)
   nnnnnnnnnn. American Institute of Steel Construction (AISC)
   oooooooooo. American Institute Timber Construction
   pppppppppp. American Society Testing Materials (ASTM)
   qqqqqqqqqq. American Institute of Steel Construction (AISC)
   rrrrrrrrrr. American Institute Timber Construction
   ssssssssss. American Society Testing Materials (ASTM)
   tttttttttt. American Institute of Steel Construction (AISC)
   uuuuuuuuuu. American Institute Timber Construction
   vvvvvvvvvv. American Society Testing Materials (ASTM)
   wwwwwwwwww. American Institute of Steel Construction (AISC)
   xxxxxxxxxx. American Institute Timber Construction
   yyyyyyyyyy. American Society Testing Materials (ASTM)
   zzzzzzzzzz. American Institute of Steel Construction (AISC)
   aaaaaaaaaaa. American Institute Timber Construction
   bbbbbbbbbbb. American Society Testing Materials (ASTM)
   ccccccccccc. American Institute of Steel Construction (AISC)
   dddddddddddd. American Institute Timber Construction
   eeeeeeeeeeee. American Society Testing Materials (ASTM)
   ffffffffffff. American Institute of Steel Construction (AISC)
   gggggggggggg. American Institute Timber Construction
   hhhhhhhhhhhh. American Society Testing Materials (ASTM)
   iiiiiiiiiiii. American Institute of Steel Construction (AISC)
   jjjjjjjjjjjj. American Institute Timber Construction
   kkkkkkkkkkkk. American Society Testing Materials (ASTM)
   llllllllllll. American Institute of Steel Construction (AISC)
   mmmmmmmmmmmm. American Institute Timber Construction
   nnnnnnnnnnnn. American Society Testing Materials (ASTM)
   oooooooooooo. American Institute of Steel Construction (AISC)
   pppppppppppp. American Institute Timber Construction
   qqqqqqqqqqqq. American Society Testing Materials (ASTM)
   rrrrrrrrrrrr. American Institute of Steel Construction (AISC)
   ssssssssssss. American Institute Timber Construction
   tttttttttttt. American Society Testing Materials (ASTM)
   uuuuuuuuuuuu. American Institute of Steel Construction (AISC)
   vvvvvvvvvvvv. American Institute Timber Construction
   wwwwwwwwwwww. American Society Testing Materials (ASTM)
   xxxxxxxxxxxx. American Institute of Steel Construction (AISC)
   yyyyyyyyyyyy. American Institute Timber Construction
   zzzzzzzzzzzz. American Society Testing Materials (ASTM)
   aaaaaaaaaaaaa. American Institute of Steel Construction (AISC)
   bbbbbbbbbbbbb. American Institute Timber Construction
   ccccccccccccc. American Society Testing Materials (ASTM)
   dddddddddddddd. American Institute of Steel Construction (AISC)
   eeeeeeeeeeeeee. American Institute Timber Construction
   ffffffffffffff. American Society Testing Materials (ASTM)
   gggggggggggggg. American Institute of Steel Construction (AISC)
   hhhhhhhhhhhhhh. American Institute Timber Construction
   iiiiiiiiiiiiii. American Society Testing Materials (ASTM)
   jjjjjjjjjjjjjj. American Institute of Steel Construction (AISC)
   kkkkkkkkkkkkkk. American Institute Timber Construction
   llllllllllllll. American Society Testing Materials (ASTM)
   mmmmmmmmmmmmmm. American Institute of Steel Construction (AISC)
   nnnnnnnnnnnnnn. American Institute Timber Construction
   oooooooooooooo. American Society Testing Materials (ASTM)
   pppppppppppppp. American Institute of Steel Construction (AISC)
   qqqqqqqqqqqqqq. American Institute Timber Construction
   rrrrrrrrrrrrrr. American Society Testing Materials (ASTM)
   ssssssssssssss. American Institute of Steel Construction (AISC)
   tttttttttttttt. American Institute Timber Construction
   uuuuuuuuuuuuuu. American Society Testing Materials (ASTM)
   vvvvvvvvvvvvvv. American Institute of Steel Construction (AISC)
   wwwwwwwwwwwwww. American Institute Timber Construction
   xxxxxxxxxxxxxx. American Society Testing Materials (ASTM)
   yyyyyyyyyyyyyy. American Institute of Steel Construction (AISC)
   zzzzzzzzzzzzzz. American Institute Timber Construction
   aaaaaaaaaaaaaaa. American Society Testing Materials (ASTM)
   bbbbbbbbbbbbbbb. American Institute of Steel Construction (AISC)
   ccccccccccccccc. American Institute Timber Construction
   dddddddddddddddd. American Society Testing Materials (ASTM)
   eeeeeeeeeeeeeeee. American Institute of Steel Construction (AISC)
   ffffffffffffffff. American Institute Timber Construction
   gggggggggggggggg. American Society Testing Materials (ASTM)
   hhhhhhhhhhhhhhhh. American Institute of Steel Construction (AISC)
   iiiiiiiiiiiiiiii. American Institute Timber Construction
   jjjjjjjjjjjjjjjj. American Society Testing Materials (ASTM)
   kkkkkkkkkkkkkkkk. American Institute of Steel Construction (AISC)
   llllllllllllllll. American Institute Timber Construction
   mmmmmmmmmmmmmmmm. American Society Testing Materials (ASTM)
   nnnnnnnnnnnnnnnn. American Institute of Steel Construction (AISC)
   oooooooooooooooo. American Institute Timber Construction
   pppppppppppppppp. American Society Testing Materials (ASTM)
   qqqqqqqqqqqqqqqq. American Institute of Steel Construction (AISC)
   rrrrrrrrrrrrrrrr. American Institute Timber Construction
   ssssssssssssssss. American Society Testing Materials (ASTM)
   tttttttttttttttt. American Institute of Steel Construction (AISC)
   uuuuuuuuuuuuuuuu. American Institute Timber Construction
   vvvvvvvvvvvvvvvv. American Society Testing Materials (ASTM)
   wwwwwwwwwwwwwwww. American Institute of Steel Construction (AISC)
   xxxxxxxxxxxxxxxx. American Institute Timber Construction
   yyyyyyyyyyyyyyyy. American Society Testing Materials (ASTM)
   zzzzzzzzzzzzzzzz. American Institute of Steel Construction (AISC)
   aaaaaaaaaaaaaaaaa. American Institute Timber Construction
   bbbbbbbbbbbbbbbbb. American Society Testing Materials (ASTM)
   ccccccccccccccccc. American Institute of Steel Construction (AISC)
   dddddddddddddddddd. American Institute Timber Construction
   eeeeeeeeeeeeeeeeee. American Society Testing Materials (ASTM)
   ffffffffffffffffff. American Institute of Steel Construction (AISC)
   gggggggggggggggggg. American Institute Timber Construction
   hhhhhhhhhhhhhhhhhh. American Society Testing Materials (ASTM)
   iiiiiiiiiiiiiiiiii. American Institute of Steel Construction (AISC)
   jjjjjjjjjjjjjjjjjj. American Institute Timber Construction
   kkkkkkkkkkkkkkkkkk. American Society Testing Materials (ASTM)
   llllllllllllllllll. American Institute of Steel Construction (AISC)
   mmmmmmmmmmmmmmmmmm. American Institute Timber Construction
   nnnnnnnnnnnnnnnnnn. American Society Testing Materials (ASTM)
   oooooooooooooooooo. American Institute of Steel Construction (AISC)
   pppppppppppppppppp. American Institute Timber Construction
   qqqqqqqqqqqqqqqqqq. American Society Testing Materials (ASTM)
   rrrrrrrrrrrrrrrrrr. American Institute of Steel Construction (AISC)
   ssssssssssssssssss. American Institute Timber Construction
   tttttttttttttttttt. American Society Testing Materials (ASTM)
   uuuuuuuuuuuuuuuuuu. American Institute of Steel Construction (AISC)
   vvvvvvvvvvvvvvvvvv. American Institute Timber Construction
   wwwwwwwwwwwwwwwwww. American Society Testing Materials (ASTM)
   xxxxxxxxxxxxxxxxxx. American Institute of Steel Construction (AISC)
   yyyyyyyyyyyyyyyyyy. American Institute Timber Construction
   zzzzzzzzzzzzzzzzzz. American Society Testing Materials (ASTM)
   aaaaaaaaaaaaaaaaaaa. American Institute of Steel Construction (AISC)
   bbbbbbbbbbbbbbbbbbb. American Institute Timber Construction
   ccccccccccccccccccc. American Society Testing Materials (ASTM)
   dddddddddddddddddddd. American Institute of Steel Construction (AISC)
   eeeeeeeeeeeeeeeeeee. American Institute Timber Construction
   ffffffffffffffffffff. American Society Testing Materials (ASTM)
   gggggggggggggggggggg. American Institute of Steel Construction (AISC)
   hhhhhhhhhhhhhhhhhhh. American Institute Timber Construction
   iiiiiiiiiiiiiiiiiii. American Society Testing Materials (ASTM)
   jjjjjjjjjjjjjjjjjjj. American Institute of Steel Construction (AISC)
   kkkkkkkkkkkkkkkkkkk. American Institute Timber Construction
   llllllllllllllllllll. American Society Testing Materials (ASTM)
   mmmmmmmmmmmmmmmmmmm. American Institute of Steel Construction (AISC)
   nnnnnnnnnnnnnnnnnnn. American Institute Timber Construction
   oooooooooooooooooooo. American Society Testing Materials (ASTM)
   pppppppppppppppppppp. American Institute of Steel Construction (AISC)
   qqqqqqqqqqqqqqqqqqqq. American Institute Timber Construction
   rrrrrrrrrrrrrrrrrrrr. American Society Testing Materials (ASTM)
   ssssssssssssssssssss. American Institute of Steel Construction (AISC)
   tttttttttttttttttttt. American Institute Timber Construction
   uuuuuuuuuuuuuuuuuuuu. American Society Testing Materials (ASTM)
   vvvvvvvvvvvvvvvvvvvv. American Institute of Steel Construction (AISC)
   wwwwwwwwwwwwwwwwwwww. American Institute Timber Construction
   xxxxxxxxxxxxxxxxxxxx. American Society Testing Materials (ASTM)
   yyyyyyyyyyyyyyyyyyyy. American Institute of Steel Construction (AISC)
   zzzzzzzzzzzzzzzzzzzz. American Institute Timber Construction
   aaaaaaaaaaaaaaaaaaaaa. American Society Testing Materials (ASTM)
   bbbbbbbbbbbbbbbbbbbbb. American Institute of Steel Construction (AISC)
   ccccccccccccccccccccc. American Institute Timber Construction
   dddddddddddddddddddddd. American Society Testing Materials (ASTM)
   eeeeeeeeeeeeeeeeeeeee. American Institute of Steel Construction (AISC)
   ffffffffffffffffffffff. American Institute Timber Construction
   gggggggggggggggggggggg. American Society Testing Materials (ASTM)
   hhhhhhhhhhhhhhhhhhhhh. American Institute of Steel Construction (AISC)
   iiiiiiiiiiiiiiiiiiiii. American Institute Timber Construction
   jjjjjjjjjjjjjjjjjjjjj. American Society Testing Materials (ASTM)
   kkkkkkkkkkkkkkkkkkkkk. American Institute of Steel Construction (AISC)
   llllllllllllllllllllll. American Institute Timber Construction
   mmmmmmmmmmmmmmmmmmmmm. American Society Testing Materials (ASTM)
   nnnnnnnnnnnnnnnnnnnnn. American Institute of Steel Construction (AISC)
   oooooooooooooooooooooo. American Institute Timber Construction
   pppppppppppppppppppppp. American Society Testing Materials (ASTM)
   qqqqqqqqqqqqqqqqqqqqqq. American Institute of Steel Construction (AISC)
   rrrrrrrrrrrrrrrrrrrrrr. American Institute Timber Construction
   ssssssssssssssssssssss. American Society Testing Materials (ASTM)
   tttttttttttttttttttttt. American Institute of Steel Construction (AISC)
   uuuuuuuuuuuuuuuuuuuuuu. American Institute Timber Construction
   vvvvvvvvvvvvvvvvvvvvvv. American Society Testing Materials (ASTM)
   wwwwwwwwwwwwwwwwwwwwww. American Institute of Steel Construction (AISC)
   xxxxxxxxxxxxxxxxxxxxxx. American Institute Timber Construction
   yyyyyyyyyyyyyyyyyyyyyy. American Society Testing Materials (ASTM)
   zzzzzzzzzzzzzzzzzzzzzz. American Institute of Steel Construction (AISC)
   aaaaaaaaaaaaaaaaaaaaaaa. American Institute Timber Construction
   bbbbbbbbbbbbbbbbbbbbbb. American Society Testing Materials (ASTM)
   cccccccccccccccccccccc. American Institute of Steel Construction (AISC)
   dddddddddddddddddddddd. American Institute Timber Construction
   eeeeeeeeeeeeeeeeeeeeee. American Society Testing Materials (ASTM)
   ffffffffffffffffffffff. American Institute of Steel Construction (AISC)
   gggggggggggggggggggggg. American Institute Timber Construction
   hhhhhhhhhhhhhhhhhhhhhh. American Society Testing Materials (ASTM)
   iiiiiiiiiiiiiiiiiiiiii. American Institute of Steel Construction (AISC)
   jjjjjjjjjjjjjjjjjjjjjj. American Institute Timber Construction
   kkkkkkkkkkkkkkkkkkkkkk. American Society Testing Materials (ASTM)
   llllllllllllllllllllll. American Institute of Steel Construction (AISC)
   mmmmmmmmmmmmmmmmmmmmm. American Institute Timber Construction
   nnnnnnnnnnnnnnnnnnnnn. American Society Testing Materials (ASTM)
   oooooooooooooooooooooo. American Institute of Steel Construction (AISC)
   pppppppppppppppppppppp. American Institute Timber Construction
   qqqqqqqqqqqqqqqqqqqqqq. American Society Testing Materials (ASTM)
   rrrrrrrrrrrrrrrrrrrrrr. American Institute of Steel Construction (AISC)
   ssssssssssssssssssssss. American Institute Timber Construction
   tttttttttttttttttttttt. American Society Testing Materials (ASTM)
   uuuuuuuuuuuuuuuuuuuuuu. American Institute of Steel Construction (AISC)
   vvvvvvvvvvvvvvvvvvvvvv. American Institute Timber Construction
   wwwwwwwwwwwwwwwwwwwwww. American Society Testing Materials (ASTM)
   xxxxxxxxxxxxxxxxxxxxxx. American Institute of Steel Construction (AISC)
   yyyyyyyyyyyyyyyyyyyyyy. American Institute Timber Construction
   zzzzzzzzzzzzzzzzzzzzzz. American Society Testing Materials (ASTM)
   aaaaaaaaaaaaaaaaaaaaaaa. American Institute of Steel Construction (AISC)
   bbbbbbbbbbbbbbbbbbbbbb. American Institute Timber Construction
   cccccccccccccccccccccc. American Society Testing Materials (ASTM)
   dddddddddddddddddddddd. American Institute of Steel Construction (AISC)
   eeeeeeeeeeeeeeeeeeeee. American Institute Timber Construction
   ffffffffffffffffffffff. American Society Testing Materials (ASTM)
   gggggggggggggggggggggg. American Institute of Steel Construction (AISC)
   hhhhhhhhhhhhhhhhhhhhh. American Institute Timber Construction
   iiiiiiiiiiiiiiiiiiiii. American Society Testing Materials (ASTM)
   jjjjjjjjjjjjjjjjjjjjj. American Institute of Steel Construction (AISC)
   kkkkkkkkkkkkkkkkkkkkk. American Institute Timber Construction
   llllllllllllllllllllll. American Society Testing Materials (ASTM)
   mmmmmmmmmmmmmmmmmmmmm. American Institute of Steel Construction (AISC)
   nnnnnnnnnnnnnnnnnnnnn. American Institute Timber Construction
   oooooooooooooooooooooo. American Society Testing Materials (ASTM)
   pppppppppppppppppppppp. American Institute of Steel Construction (AISC)
   qqqqqqqqqqqqqqqqqqqqqq. American Institute Timber Construction
   rrrrrrrrrrrrrrrrrrrrrr. American Society Testing Materials (ASTM)
   ssssssssssssssssssssss. American Institute of Steel Construction (AISC)
   tttttttttttttttttttttt. American Institute Timber Construction
   uuuuuuuuuuuuuuuuuuuuuu. American Society Testing Materials (ASTM)
   vvvvvvvvvvvvvvvvvvvvvv. American Institute of Steel Construction (AISC)
   wwwwwwwwwwwwwwwwwwwwww. American Institute Timber Construction
   xxxxxxxxxxxxxxxxxxxxxx. American Society Testing Materials (ASTM)
   yyyyyyyyyyyyyyyyyyyyyy. American Institute of Steel Construction (AISC)
   zzzzzzzzzzzzzzzzzzzzzz. American Institute Timber Construction
   aaaaaaaaaaaaaaaaaaaaaaa. American Society Testing Materials (ASTM)
   bbbbbbbbbbbbbbbbbbbbbb. American Institute of Steel Construction (AISC)
   cccccccccccccccccccccc. American Institute Timber Construction
   dddddddddddddddddddddd. American Society Testing Materials (ASTM)
   eeeeeeeeeeeeeeeeeeeee. American Institute of Steel Construction (AISC)
   ffffffffffffffffffffff. American Institute Timber Construction
   gggggggggggggggggggggg. American Society Testing Materials (ASTM)
   hhhhhhhhhhhhhhhhhhhhh. American Institute of Steel Construction (AISC)
   iiiiiiiiiiiiiiiiiiiii. American Institute Timber Construction
   jjjjjjjjjjjjjjjjjjjjj. American Society Testing Materials (ASTM)
   kkkkkkkkkkkkkkkkkkkkk. American Institute of Steel Construction (AISC)
   llllllllllllllllllllll. American Institute Timber Construction
   mmmmmmmmmmmmmmmmmmmmm. American Society Testing Materials (ASTM)
   nnnnnnnnnnnnnnnnnnnnn. American Institute of Steel Construction (AISC)
   oooooooooooooooooooooo. American Institute Timber Construction
   pppppppppppppppppppppp. American Society Testing Materials (ASTM)
   qqqqqqqqqqqqqqqqqqqqqq. American Institute of Steel Construction (AISC)
   rrrrrrrrrrrrrrrrrrrrrr. American Institute Timber Construction
   ssssssssssssssssssssss. American Society Testing Materials (ASTM)
   tttttttttttttttttttttt. American Institute of Steel Construction (AISC)
   uuuuuuuuuuuuuuuuuuuuuu. American Institute Timber Construction
   vvvvvvvvvvvvvvvvvvvvvv. American Society Testing Materials (ASTM)
   wwwwwwwwwwwwwwwwwwwwww. American Institute of Steel Construction (AISC)
   xxxxxxxxxxxxxxxxxxxxxx. American Institute Timber Construction
   yyyyyyyyyyyyyyyyyyyyyy. American Society Testing Materials (ASTM)
   zzzzzzzzzzzzzzzzzzzzzz. American Institute of Steel Construction (AISC)
   aaaaaaaaaaaaaaaaaaaaaaa. American Institute Timber Construction
   bbbbbbbbbbbbbbbbbbbbbb. American Society Testing Materials (ASTM)
   cccccccccccccccccccccc. American Institute of Steel Construction (AISC)
   dddddddddddddddddddddd. American Institute Timber Construction
   eeeeeeeeeeeeeeeeeeeee. American Society Testing Materials (ASTM)
   ffffffffffffffffffffff. American Institute of Steel Construction (AISC)
   gggggggggggggggggggggg. American Institute Timber Construction
   hhhhhhhhhhhhhhhhhhhhh. American Society Testing Materials (ASTM)
   iiiiiiiiiiiiiiiiiiiii. American Institute of Steel Construction (AISC)
   jjjjjjjjjjjjjjjjjjjjj. American Institute Timber Construction
   kkkkkkkkkkkkkkkkkkkkk. American Society Testing Materials (ASTM)
   llllllllllllllllllllll. American Institute of Steel Construction (AISC)
   mmmmmmmmmmmmmmmmmmmmm. American Institute Timber Construction
   nnnnnnnnnnnnnnnnnnnnn. American Society Testing Materials (ASTM)
   oooooooooooooooooooooo. American Institute of Steel Construction (AISC)
   pppppppppppppppppppppp. American Institute Timber Construction
   qqqqqqqqqqqqqqqqqqqqqq. American Society Testing Materials (ASTM)
   rrrrrrrrrrrrrrrrrrrrrr. American Institute of Steel Construction (AISC)
   ssssssssssssssssssssss. American Institute Timber Construction
   tttttttttttttttttttttt. American Society Testing Materials (ASTM)
   uuuuuuuuuuuuuuuuuuuuuu. American Institute of Steel Construction (AISC)
   vvvvvvvvvvvvvvvvvvvvvv. American Institute Timber Construction
   wwwwwwwwwwwwwwwwwwwwww. American Society Testing Materials (ASTM)
   xxxxxxxxxxxxxxxxxxxxxx. American Institute of Steel Construction (AISC)
   yyyyyyyyyyyyyyyyyyyyyy. American Institute Timber Construction
   zzzzzzzzzzzzzzzzzzzzzz. American Society Testing

08 70 00 - FINISH HARDWARE

1. Comply with the following requirements:
   a. Hardware Schedule: Provide Hardware Schedule for commercial functions for Building Hardware.
   b. Building Hardware Manufacturers Association Product Standards.
   c. American National Standards Institute (ANSI) A156.
   d. Door & Hardware Institute: Hand Book Hardware Standards Series ANSI-1 ANSI-3.4
2. Submit manufacturer's literature describing products to be provided.
3. Before fabrication or delivery of hardware submit 3 copies of hardware schedule. Schedule descriptive and include: along with any other information directions to architect each hardware item:
   a. Location & project
   b. Name of manufacturer
   c. Manufacturer's Catalog number
   d. Specified hardware finish applicable
   e. Door Number
   f. Hand and degree of opening for access
4. Provide materials, assemblies, equipment and accessories from a single source for each subsystem unless that subsystem must originate from the same manufacturer.
5. Provide for doors for Structural drawings & specifications also SDP 2 Parapets No. 18 and HP16 Detailed No. 20.
6. Supplier shall assume sole responsibility for complete, proper distribution and function of hardware for openings, whether or not listed in schedule below.
7. Architect's acceptance of hardware schedule shall not be construed as a complete acceptance nor shall it relieve supplier from responsibility for errors, deviations, or omissions from code requirements, or need to realize daily complete Site Project.
8. Submit samples to each type of door hardware items used in this Project. If accepted, samples may be incorporated into the work.
9. All new hardware shall be warranted by the manufacturer to be free from manufacturer defects and workmanship for a period of not less than Substantial Completion of the project.
10. Supplier shall have on staff a full time employee who is member in good standing of Door & Hardware Institute and Certified Architectural Hardware Consultant.
11. Hardware and installation and comply with Uniform Federal Accessibility Standard and the Americans with Disabilities Act.
12. Hardware shall conform to applicable requirements of NFPA and Life Safety Code for openings required to be fire rated.
13. Coordinate key and control system system with door hardware. Identify Contractor and all other access to control system.
14. Coordinate installation of elements, hinges, locks and security devices with installation of electrical connections.
15. Data or materials to manufacturer's original or sealed packaging with bank seals.

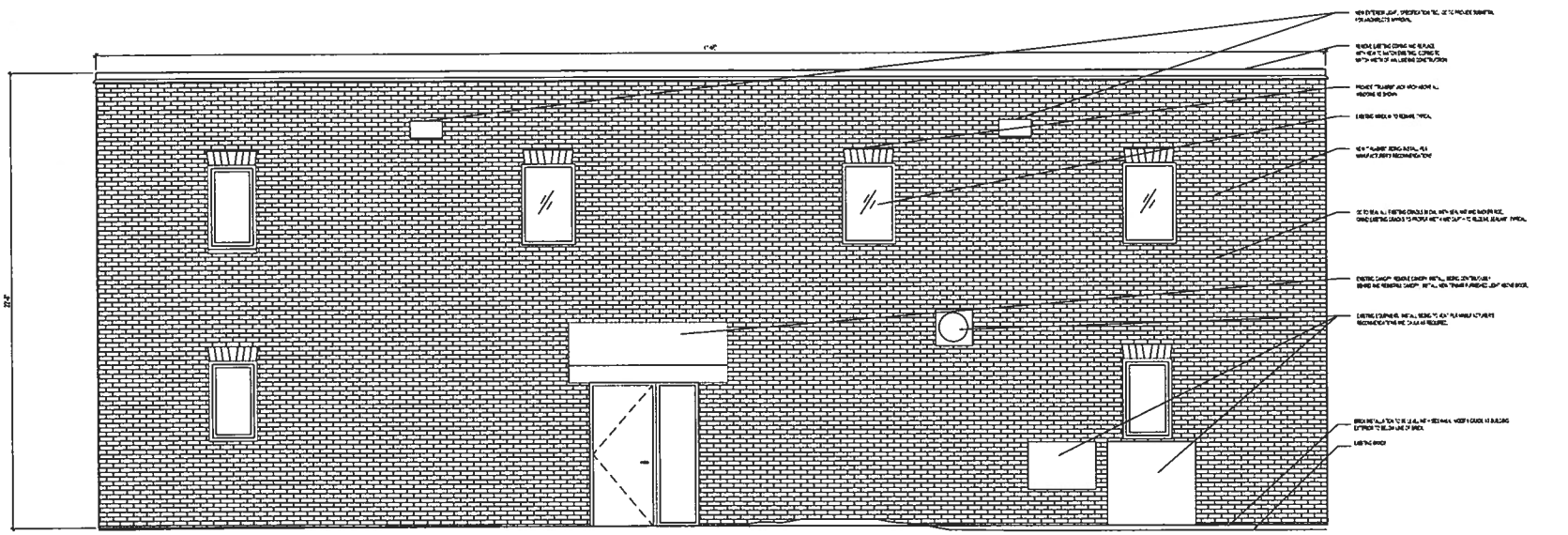
PRODUCTS

1. Provide products as listed in the Contract Documents Drawings under Hardware Schedule.
2. Finish Standards
   a. Hot Rolled (HR) (1/16" x 1/2" (Under 10")
   b. Cold Rolled (CR) (Over 1/2" x 10 1/2 (Under 10")
   c. Cold Formed (CF) (Over 10 1/2 (Under 10")
   d. Aluminum Finish Dimensional (AFD) (AFD 1 AFD 2) (Under 10")
   e. Aluminum Hardware (AH) (AH 1 AH 2) (Under 10")
   f. Bronze and Finishing Brass Hardware (BHB) (BHB 1 BHB 2) (Under 10")
   g. Stainless and Finishing Hardware (SHB) (SHB 1 SHB 2) (Under 10")
   h. Soft Ductile Hardware and Plastic (SHB) (SHB 1 SHB 2) (Under 10")
3. Provide door stops this spring or hold of each door leaf. Furnish door bars of hardware for ensure installation and operation of the door safely as intended.

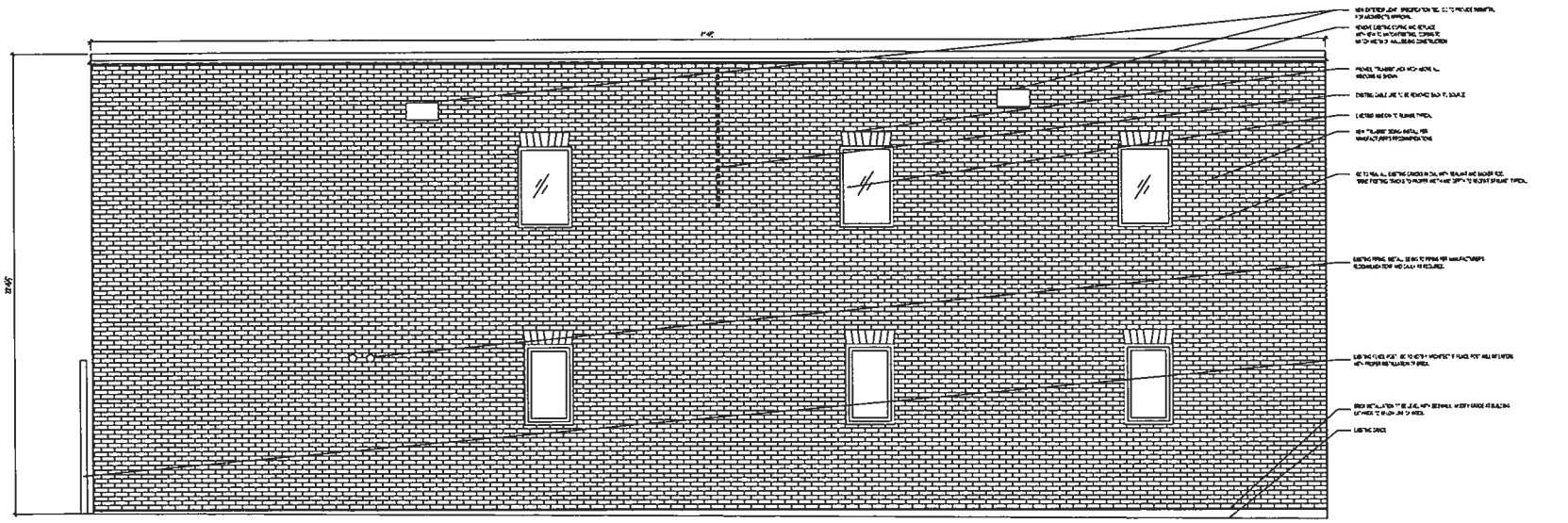
METAL STUDS

1. Install hardware, surface mounted devices and other other painting to complete. Hardware finishing and finishing hardware, and finishing hardware, and finishing hardware,

4675.19_A1.0.dwg May 14, 2013, 10:54 am



1 EAST ELEVATION
3/8" = 1'-0"



2 WEST ELEVATION
3/8" = 1'-0"

OTJ ARCHITECTS
1412 Eye Street, NW
Washington, DC 20005
202.621.1000
202.621.1001
www.otj.com

Fairfax County MSMD

10635 West Drive
Fairfax, VA

MEP Engineer:

2/19/13 ISSUED FOR OWNER REVIEW

4675.19
PD, PR, CT
PD
07.30.10

Elevations

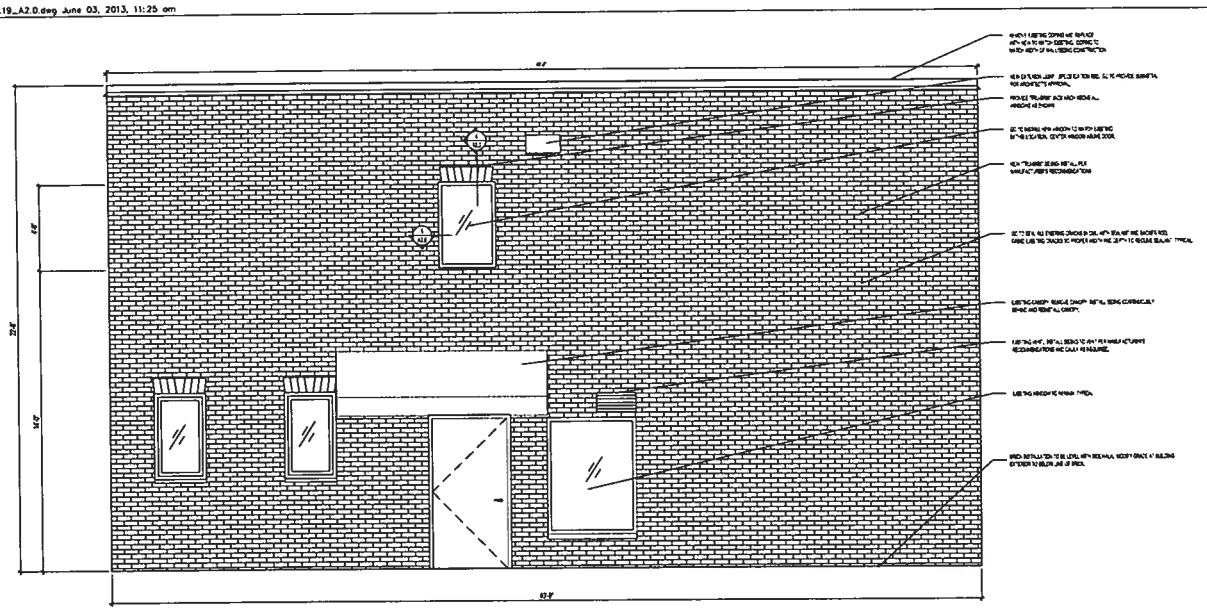
A1.0

3/8" = 1'-0"

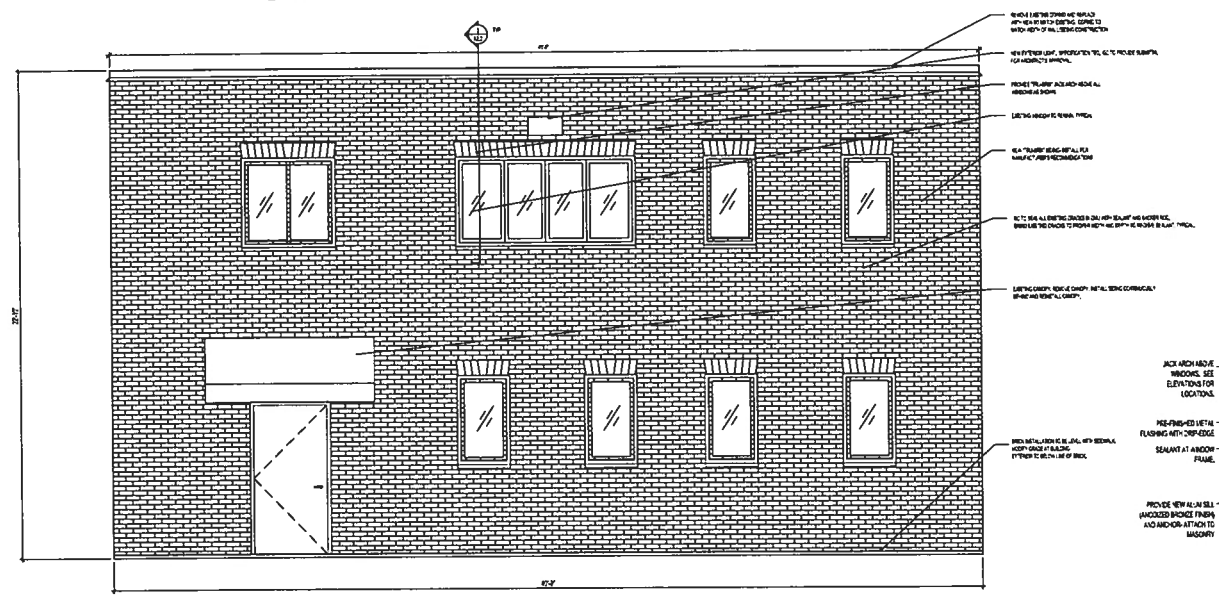
Verify all dimensions and conditions at the site and report any discrepancies to OTJ Architects, Inc. before proceeding with the work.

30.

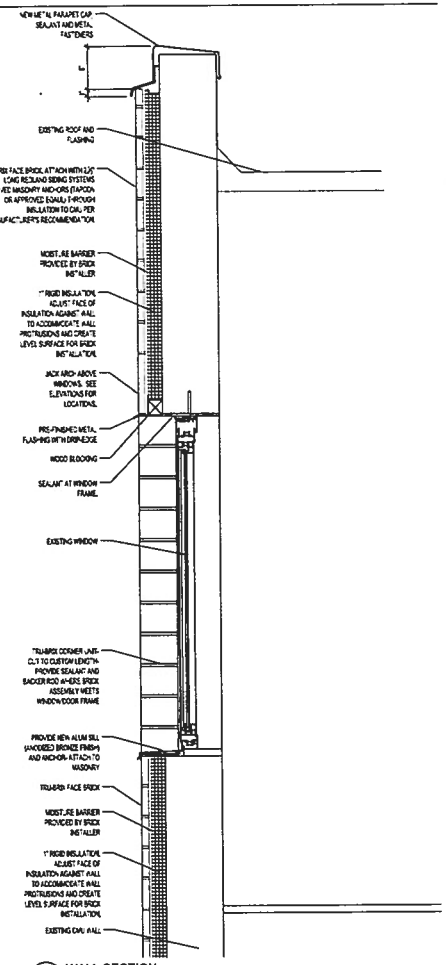
4875.19_A2.0.dwg June 03, 2013, 11:25 am



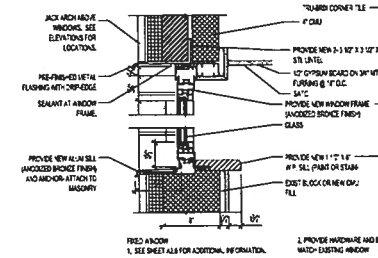
1 NORTH ELEVATION
3/8" = 1'-0"



2 SOUTH ELEVATION
3/8" = 1'-0"



3 WALL SECTION
1 1/2" = 1'-0"



4 WINDOW SILL AND HEADER
1 1/2" = 1'-0"

5 WINDOW JAMB
1 1/2" = 1'-0"

OTJ ARCHITECTS
1412 Eye Street, NW Washington, DC 20005
202.621.1000 202.621.1001
www.otj.com

Fairfax County MSMD

10635 West Drive
Fairfax, VA

MEP Engineer:

2/19/13 ISSUED FOR OWNER REVIEW

4875.19
PD, PR, CT
PD
07.30.10

Elevations and Sections

A2.0

SEE DRAWING

Verify all dimensions and conditions at the site and report any discrepancies to OTJ Architects, Inc. before proceeding with the work.

31.