



II.A.

690 Chesterfield Pkwy W • Chesterfield MO 63017-0760
Phone: 636-537-4000 • Fax 636-537-4798 • www.chesterfield.mo.us

October 15, 2009

Architectural Review Board
City of Chesterfield
690 Chesterfield Parkway West
Chesterfield, MO 63017

Re: Woodsmill Park Apartments (542 Kingscross Lane): An Amended Site Development Plan, Architectural Elevations, Landscape Plan, Lighting Plan and Architects Statement of Design for a 16.8 acre tract of land zoned R-6AA Residence District with a Planned Environment Unit (PEU) Procedure, located at the corner of Woodsmill Road and Kingscross Lane.

Board Members:

David W. Dial Architects, P.C., has submitted on behalf of Woodsmill Park Apartments, an Amended Site Development Plan, Architectural Elevations, Landscape Plan, Lighting Plan and Architect's Statement of Design for the above referenced project. The Department of Planning and Public Works has reviewed this request and submits the following report.

Submittal Information

The request is for an approximately 2,900 square foot clubhouse building, located within an existing apartment complex zoned "R-6AA" Residence District with a Planned Environment Unit (PEU) Procedure under the terms and conditions of City of Chesterfield Ordinance Number 2454. The exterior building materials will be comprised of brick veneer, with Hardie board siding. The roof is proposed to be a gabled roof with architectural shingles. Please see the attached checklist to review the project's compliance with the City of Chesterfield's Design Guidelines.

Departmental Input

The submittal was reviewed for compliance with the City of Chesterfield's Design Guidelines. In addition, the plan was reviewed for compliance with City of Chesterfield Ordinance 2454, which governs the site. Landscape and lighting are being addressed through site plan review for adherence to the City of Chesterfield Tree Preservation and Landscape Requirements, and the Lighting Ordinance.

Actions Requested

The Department of Planning and Public Works requests action by the Architectural Review Board on the information presented.

Respectfully Submitted,



Charlie Campo
Project Planner

Respectfully Submitted,



Mara M. Perry, AICP
Senior Planner

Attachments

1. ARB Design Review Checklist
2. Architectural Review Packet Submittal

Woodsmill Park Apartments

*542 Kings Cross Lane
Chesterfield, Missouri*

September 30, 2009



Owner:
Woodsmill Park Apartments, LLC

Architect:
David W. Dial Architects, P.C.

General Contractor:
To Be Determined

Civil Engineer:
**Civil Engineering Design
Consultants, Inc.**

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(Material samples will be brought to the ARB Meeting for display)



City of Chesterfield

DEPARTMENT OF PLANNING & PUBLIC WORKS

ARCHITECTURAL REVIEW APPLICATION

Prior to submitting an application to the Department of Planning & Public Works for review by the Architectural Review Board, the Petitioner is strongly urged to discuss their project with their Project Planner. For questions about this application, please contact the "Planner of the Day" at 636-537-4733.

For information about this and other projects under review by the Department of Planning & Public Works, please visit "Planning Projects" at www.chesterfield.mo.us.

I. APPLICANT INFORMATION

Project Name: WOODSMILL PARK APARTMENTS
 Development Firm: OWNER: WOODSMILL PARK APARTMENTS, LLC
 Architectural Firm: DAVID H. DIAL ARCHITECTS, P.C.
 Engineering Firm: CIVIL ENGINEERING DESIGN CONSULTANTS, INC.
 Approximate Location of Project: NORTH WOODSMILL ROAD & POST ROAD

Record: WOODSMILL PARK APARTMENTS, LLC
 Address: 11456 OLIVE BOULEVARD
 City: ST. LOUIS State: MO Zip: 63141
 Tel.: 314-991-1500 Fax: 314-991-8655

*Attach additional sheets as necessary.

Applicant, if other than owner(s): DAVID H. DIAL ARCHITECTS, P.C. - DAVID DIAL
 Address: 425 SOUTH WOODSMILL ROAD, SUITE 290
 City: CHESTERFIELD State: MO Zip: 63017
 Tel.: 314-439-9353 Fax: 314-439-9373

Legal Interest: ARCHITECT

(Provide date of contract and date of expiration of contract)

*Attach additional sheets as necessary.

II. PROJECT STATISTICS

MAIN LEVEL: 2,904 S.F.

Acreage: 16.8 Gross Floor Area: BASEMENT: 2,904 S.F. Building Height: 19'-0"
 Existing Overlay Districts: Check (✓) all that apply C.U.P. C.S.P. L.P.A.
 Proposed Usage: APARTMENT COMPLEX CLUB HOUSE
 Exterior Building Materials: BRICK W/GRAPEVINE PATTERN, HARDIE BOARD SIDING
 Construction Type: CONVENTIONAL HOOD FRAME WITH BRICK VENEER
 Roof Material and Design: ARCHITECTURAL SHINGLES
 Building Setbacks: Front Yard: 30' Side Yard: 60' Rear Yard: 100'
 Max. Building Height: 19'-0" Min. Lot Requirement: _____
 Description of art or architecturally significant features (if any): SEE ARCHITECTS STATEMENT

Screening Material and Design: N/A

Additional Project Information, if any: SEE ARCHITECTS STATEMENT

III. ZONING

Current Zoning District: R-3 & FPMU W/CUP & PEU
 Existing Uses(s) on property: APARTMENTS
 Proposed Use(s) on property: APARTMENTS
 Proposed Development Intensity: 140 APARTMENT UNITS du sf (check one)*
* du = Dwelling Units (Residential or Hotel/Motel) sf = square feet (Commercial, Industrial)

IV. ADJACENT PROPERTY

Identify surrounding land uses and zoning designations. Include existing/approved square footage or number of dwelling units, type of units, and density.

Property	Land Use	Zoning	Existing Use	Approved Use <small>(use separate sheet as needed)</small>
North	RESIDENTIAL	R3	RESIDENTIAL	
South	VACANT	FPR3	FARM	
East	VACANT	FP R3	FARM	
West	SCHOOL	NU, R3	SCHOOL	

V. PARTIES OF INTEREST

Principal Contact: DAVID DIAL Title: PRESIDENT
Address: 425 SOUTH HODDSMILL ROAD, SUITE 290
City: CHESTERFIELD State: MO Zip: 63017
Tel.: 314-439-9353 Fax: 314-439-9353
Email: david@dialarchitects.com

Other Contact: _____
Address: _____
City: _____ State: _____ Zip: _____
Tel.: _____ Fax: _____
Email: _____

Other Contact: _____
Address: _____
City: _____ State: _____ Zip: _____
Tel.: _____ Fax: _____
Email: _____



ARCHITECTURAL REVIEW BOARD
Project Statistics and Checklist

Date of First Comment Letter Received from the City of Chesterfield _____

Project Title: WOODSMILL PARK APARTMENTS Location: 542 KINGS CROSS LANE

Developer: WOODSMILL PARK APARTMENTS, LLC Architect: DAVID H. DIAL ARCHITECTS Engineer: CIVIL ENGINEERING DESIGN CONSULTANTS, INC.

PROJECT STATISTICS:

Size of site (in acres): 16.8 Total Square Footage: _____ Building Height: 19'-0"

Proposed Usage: APARTMENT COMPLEX CLUB HOUSE

Exterior Building Materials: BRICK W/GRAPEVINE PATTERN, HARDIE BOARD SIDING

Roof Material & Design: ARCHITECTURAL SHINGLES

Screening Material & Design: N/A

Description of art or architecturally significant features (if any): SEE ARCHITECTS STATEMENT

ADDITIONAL PROJECT INFORMATION: SEE ARCHITECTS STATEMENT

Checklist: Items to be provided in an 11" x 17" format

- Color Site Plan with contours, site location map, and identification of adjacent uses.
- Color elevations for all building faces.
- Color rendering or model reflecting proposed topography.
- Photos reflecting all views of adjacent uses and sites.
- Details of screening, retaining walls, etc.
- Section plans highlighting any building off-sets, etc. (as applicable)
- Architect's Statement of Design which clearly identifies how each section in the Guidelines has been addressed and the intent of the project.
- Landscape Plan.
- Lighting cut sheets for any proposed building lighting fixtures. (as applicable)
- Large exterior material samples. (to be brought to the ARB meeting)
- Any other exhibits which would aid understanding of the design proposal. (as applicable)
- Pdf files of each document required.

September 30, 2009

City of Chesterfield
Department of Planning
690 Chesterfield Parkway West
Chesterfield, Missouri 63017-0760

Members of the Architectural Review Board

Re: Submittal for Approval of Apartment Complex Clubhouse
Woodsmill Park Apartments
Chesterfield, MO

The Architectural Statement below addresses the City of Chesterfields 'Architectural Review Board Guidelines'. Some items in the booklet may be been addressed individually while others are answered in general text. Each item herein is referenced to the same numbered item in the guidelines.

Reason for Proposed Project

This project is being undertaken to replace a clubhouse, playground and pool that are being taken by MODOT for the 141 expansion.

1. Applicability and Compliance

Understood

2. Requirements and Procedures

Items 1 through 12 are incorporated herein.

3. General Requirements for Site Design

a. Site Relationships:

This project is proposed as a single phase project in an existing apartment community development. The location for the clubhouse was selected for several important reasons; mainly because of its relation to the surrounding residential units. Included in this proposal is the extension of Post Road, the main street in the development, to be extended from its current termination point at the northeast portion of the site all of the way to the termination point of Kings Cross Lane, the secondary drive that serves the remainder of the development. This proposed road extension vastly improves on-site vehicular traffic and eliminates the need for some residence to traverse onto Woodsmill Road to drive to the clubhouse.

All residence have adequate sidewalk access to the new clubhouse which is proposed as being more centrally located than the existing clubhouse was. Also included in this proposal are the addition of up to three gazebos and a family pavilion near a new playground to offer the residence fore defined public assembly areas.

Automobile parking for the building is located directly in front of the main entrance; however, most residence of the community will walk from their residence along the landscape surrounded concrete sidewalks leading to the generous 'plaza' at the front entry and the pool area at the rear of the building.

b. Circulation System and Access:

Bicycle Circulation:

The owner may place a bicycle rack near the main entrance of the clubhouse/pool area.

Pedestrian Circulation:

As mentioned above, automobile parking is in front of the building and has access to the main road without causing separation of the pedestrian paths to the clubhouse. Parking has been added in front of the clubhouse for visitors to the clubhouse and at the rear near the pool. Some of the existing covered parking structures are being removed as part of this proposal which has the direct result of opening up visibility around the clubhouse and thus creating a much safer environment for pedestrians.

The parking areas of the complex are located adjacent to the apartment units and all areas are connected via concrete sidewalks that transverse from the apartment units along pre-defined landscaped paths.

Vehicular Circulation:

As mentioned above, this proposal greatly improves the vehicular access around the entire development. Existing sidewalks provide access from each residence to the public way.

Parking:

As mentioned above, car parking is in front of the building to provide the most direct and safe access to building while concurrently maximizing separation from pedestrian traffic as well as some additional parking behind the pool for events or residents.

Pedestrian Orientation:

The owners of this development are taking this opportunity not only to replace what is being taken by MODOT but to improve upon it while doing so. The addition of the gazebos, playground and pavilion along with fixed in place bar-b-que pits all work together to enhance the park like environment.

c. Topography:

Buffering and landscape screening opportunities are limited due to the storm-water conveyance channels. However, plantings are being strategically located to be effective while not preventing the function of the conveyance channels.

The proposed construction area is generally flat except for drainage. There will be very little change in the topography of the land.

d. Retaining Walls:

This building will not require the need for new retaining walls.

4. General Requirements for Building Design

a. Scale:

See below for comments on Building Scale, Human Scale, and Generic Scale.

b. Design:

The owner of this facility, being a current business resident of the City of Chesterfield, wants this project to represent the quality that they have offered in their many years of service and, as such, has placed a high priority on the appearance of his facility to assure that it seamlessly integrates with existing architecture. Great care was taken to create a clubhouse that reflects the newest trends in apartment living while still maintaining cohesiveness with the existing environment.

The elevations are articulated with change in planes, mutton style windows with rowlock sills, modular brick in a running bond pattern with a grapevine joint pattern extending up to a header course and are then accented with Hardie board siding to add warmth and dimension. The front elevation also includes a barrel vault element that is supported by double columns on each side. Rhythmically pleasing geometric patterns with accent colors and glass add interest, depth and interesting shadow lines to the elevations.

The entrance is not simply a door into the building. The double entrance doors are articulated with decorative glass panels and the entrance is flanked by mutton style sidelights and topped with a divided arc transom lite to match the arc of the barrel vault. The intent here is to create a presence of entrance with a nice human.

The end result is a building with very nice facades that incorporate shadow lines, steps in vertical planes, color and glass to create a very interesting, quality appearance in keeping with the original architecture of the neighborhood. The large amount of glass at the entry provides additional fenestration into the parlor area and all of the way through the building from the front to the back.

The addition of dormers on the gabled roof with Greek returns over the main entrance and pool entrance aid in breaking up the roof area and adds additional interest to the buildings overall appearance.

As seen on the attached rendering, the building will utilize earth tone colors, clear mutton style glass windows and trim around the doors and windows typical of existing style architecture. The building is constructed of conventional wood frame construction with brick veneer, which coincides with the existing buildings in this complex.

The glass will be energy efficient vinyl frame windows. As depicted on the attached elevations and rendering, we have used the windows as a major design element in the elevational articulation.

The design is respectful of the surrounding development in general and great care has been taken to assure that it will be harmonious in scale, material, and color. Nearby buildings are also constructed of brick veneer frame construction and earth tone colors and materials similar to this one.

This building does not utilize roof mounted equipment, all equipment shall be ground mounted and screened by landscaping.

c. Materials and Colors:

Materials and colors have been addressed above, however, it remains to be stated that a mixture of glass, brick, and color along with landscaping will be used to create a harmonious environment within the community that is strong in continuity yet functional and pleasing to the eye.

d. Landscape Design and Screening:

Development Landscaping:

The Woodsmill Park Apartment Development is an existing development with well established trees and shrubbery; therefore, we are simply following the existing concept.

This plan clusters the plantings to serve specific purposes whether it is screening or accent to gain a more natural appearance and to work harmoniously with the existing landscape.

The existing landscaping played a very large role in the selections for the new landscaping to ensure that all selected materials work harmoniously together.

Building Landscaping:

Shrubs and ornamental grasses are used at the building entry points to provide color and texture for the users of the building. Groupings of Wintergreen Boxwood, Stella de Oro Daylily's, Anthony Waterer Spirea, and Dens Yews are placed along the front of the building and entry plaza to provide some interest for pedestrians utilizing the sidewalk.

We are adding no 'artwork' with the possible exception of the gazebo's which will add to the environment by adding color and geometry to the existing pedestrian sidewalks and park like areas between the residential buildings.

Parking Landscaping:

This is a relatively small site that is dense with well defined landscaping and existing apartment building structures. These elements have prevented the use of landscape screening berms on this property.

The new parking structure only allows for landscaping on one side due to the small site area and closeness to existing parking structure. We have, however, provided landscaping of Fountain Grass all along this side of the structure.

Walls and Fences:

There will be no fencing or site walls on this site with the exception of the fencing around the pool deck area. The fence design will be black aluminum with the appearance of an old style wrought iron fence.

Screening:

Trash enclosures are already established, as this is an existing development. All utility metering will be on the rear of the building.

e. Signage:

Signage will be compliant with ordinances and are planned to be provided by the owner under a separate contract from a professional sign company.

f. Lighting:

Site lighting is limited to the parking lot and safety lighting around the facility and will not shine off of this site. Care has been taken to minimize spillage of light from our site in consideration of the residences.

Two building mounted compact style flood lights are proposed to be directed toward the pool deck. See previously submitted photometrics plan.

Three decorative lantern style lights will be placed at the main entry plaza. These light have been carefully selected to accent the architecture of the building and add warmth and character to the main entrance. See previously submitted photometrics plan.

Commercial and Industrial; Architecture:
(Page 6 of the ARB Guidelines)

All of these items have been addressed above and are not repeated here.

See section 4 b above

5. Specific Guidelines for the Chesterfield Valley:

This project is not in the Chesterfield Valley.

Miscellaneous

As required, building materials that will be brought to the ARB meeting will include:

Brick color samples,
Hardie board samples; including color,
Architectural shingles sample,
And light standard cut sheets.

End of Architects Statement



Consultants:

Woodsmill Park Apartments Chesterfield, MO

Woodsmill Park Apartments LLC

Revisions		
Date	Description	No.

Drawn: BD
Checked: DD

DeLong Landscape Architecture
7620 West Bruva
St. Louis, MO 63117
(314) 346-6856
delong.la@gmail.com

Sheet Title: Preliminary Landscape Plan
Sheet No: LP-1

Date: 08-30-09
Job #: 103.001



Parking Expansion
Scale: 1"=20'



Club House Area
Scale: 1"=20'



Playground Area
Scale: 1"=20'

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	TREE TYPE
A	8	<i>Acer rubrum 'Franks Red'</i>	Red Sunset Red Maple	2.5"	48"	Deciduous
B	1	<i>Cercis canadensis</i>	Red bud	2.5"	36"	Ornamental
C	4	<i>Pinus strobus</i>	White Pine	8"	48"	Evergreen
D	3	<i>Quercus rubra</i>	Northern Red Oak	2.5"	48"	Deciduous
a	7	<i>Viburnum x juddii</i>	Judd Viburnum	2-3"		
b	14	<i>Spirea x bairdii 'Anthony Waterer'</i>	Anthony Waterer Spirea	18-24"		
c	10	<i>Rhus aromatica 'Gro-low'</i>	Gro-low Sumac	18-24"		
d	5	<i>Ficus exoniata 'Drea'</i>	Drea Fig	18-24"		
e	5	<i>Buxus microphylla 'Wintergreen'</i>	Wintergreen Boxwood	18-24"		
f	14	<i>Pennisetum alopecuroides</i>	Parrot Grass	1 gal.		
ss	105	<i>Perovskia atriplicifolia 'Little Spire'</i>	Little Spire Russian Sage	1 qt.	12" OC	
sb	33	<i>Liriodendron tulipifera</i>	Liriodendron	1 qt.	12" OC	
sc	66	<i>Hemerocallis 'Stella de Oro'</i>	Stella de Oro Daylily	1 gal.	18" OC	

Legend

- Tree Protection Fencing
- Root pruning trench



EAST ELEVATION



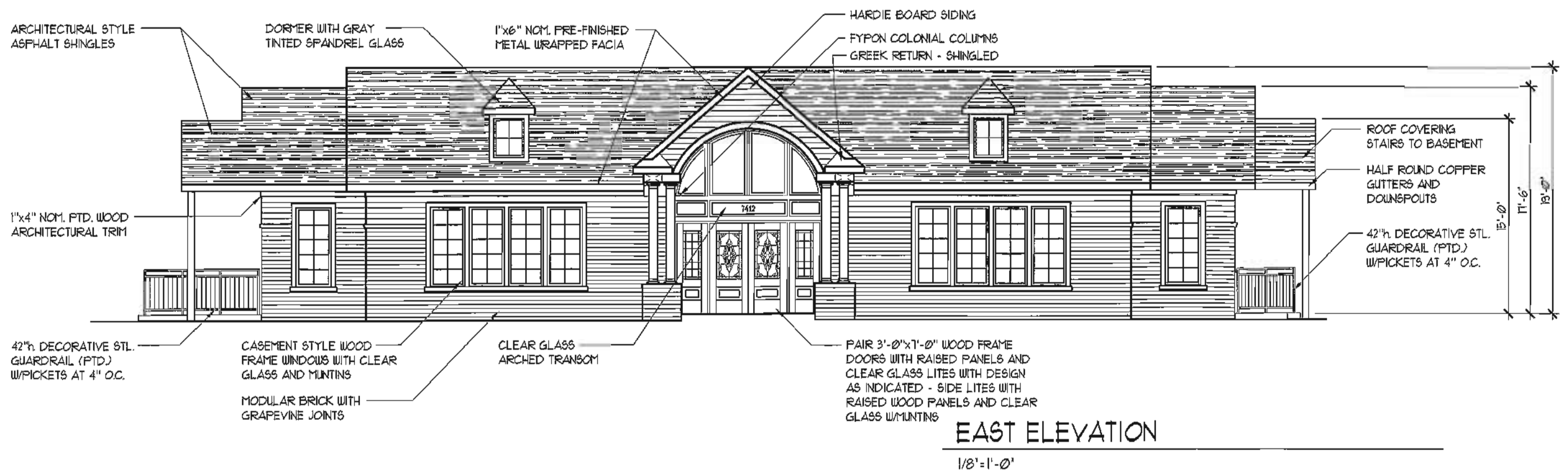
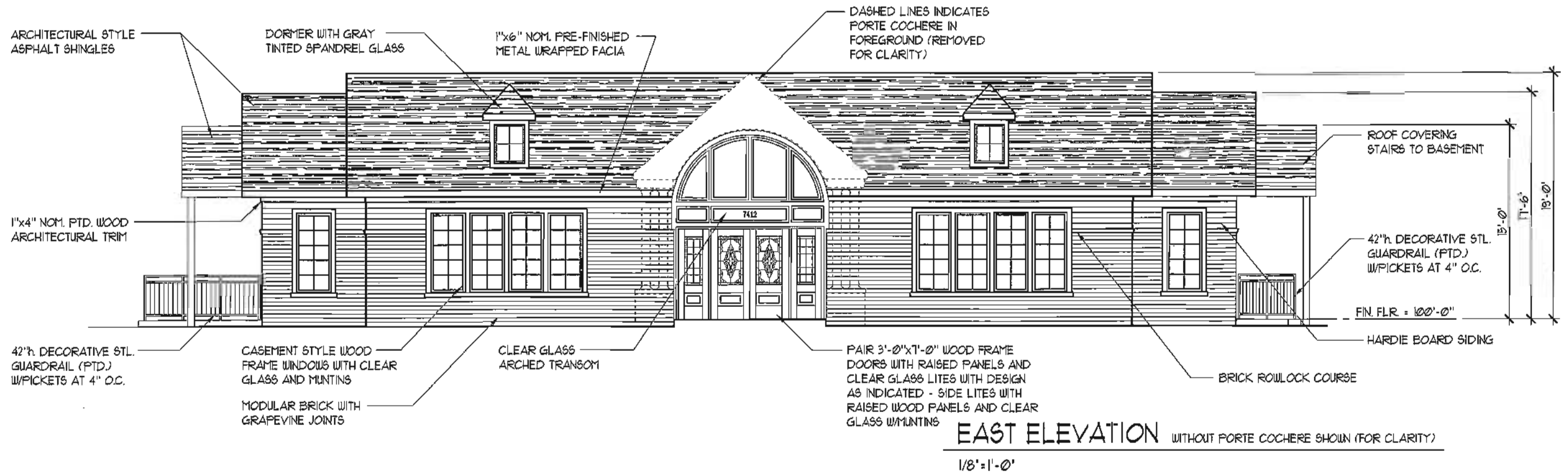
WEST ELEVATION

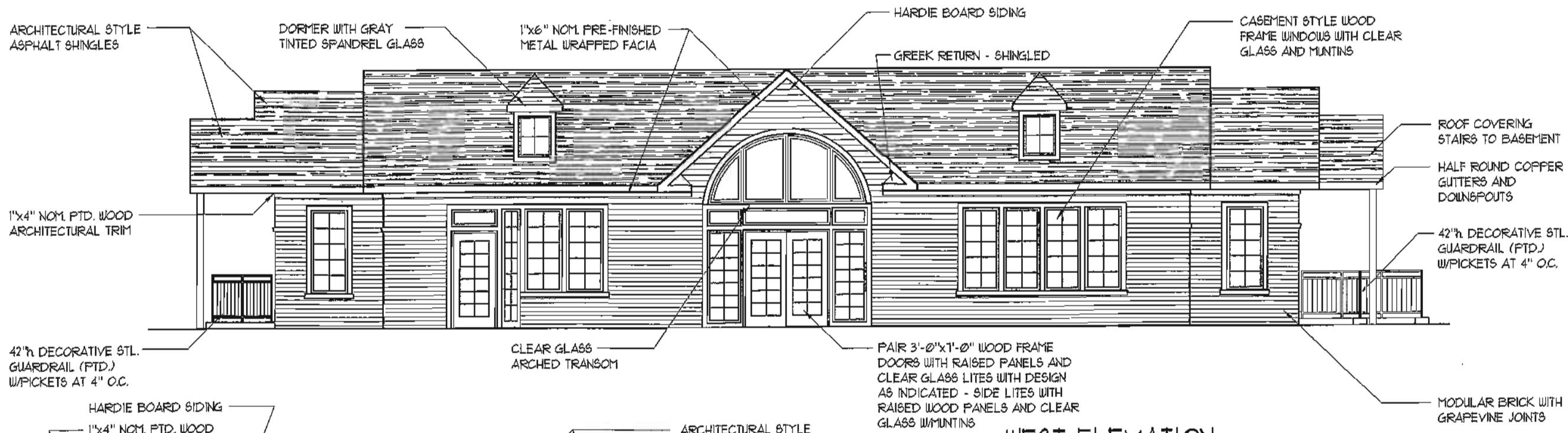


NORTH ELEVATION



SOUTH ELEVATION





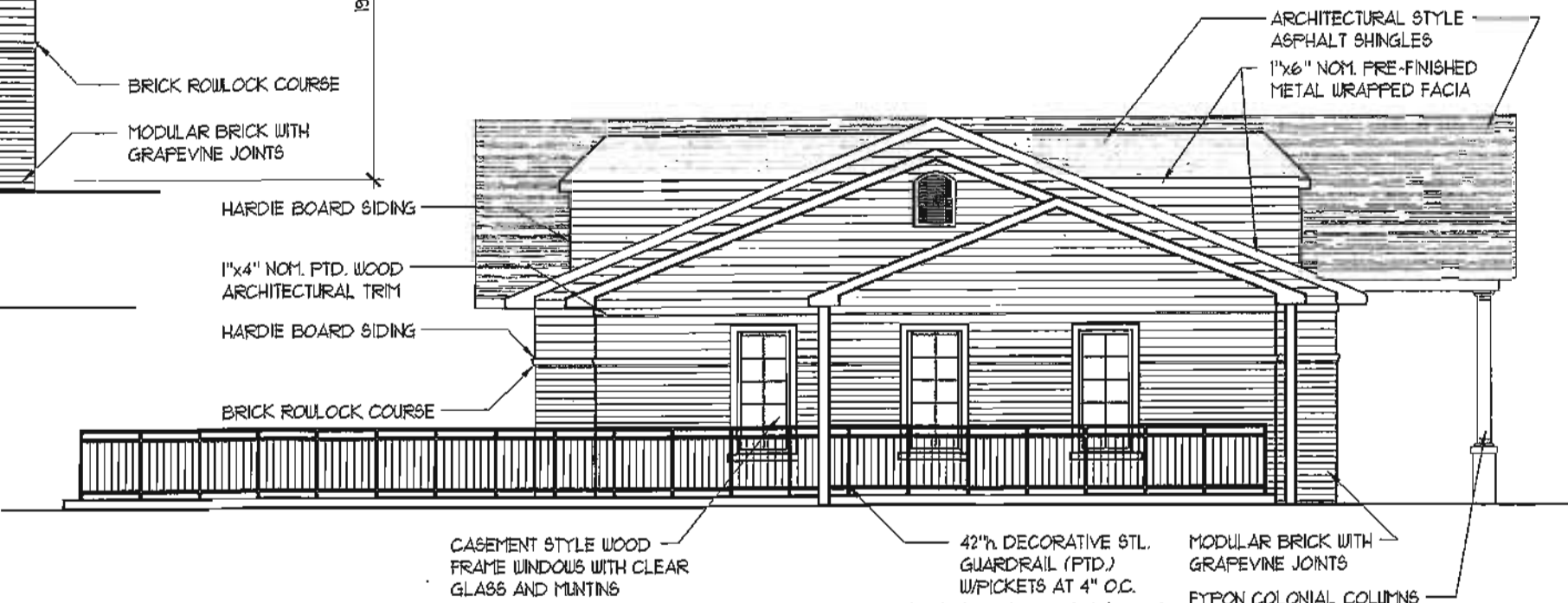
WEST ELEVATION

1/8" = 1'-0"



NORTH ELEVATION

1/8" = 1'-0"



SOUTH ELEVATION

1/8" = 1'-0"



LOOKING NORTH



LOOKING EAST



LOOKING SOUTH



LOOKING WEST

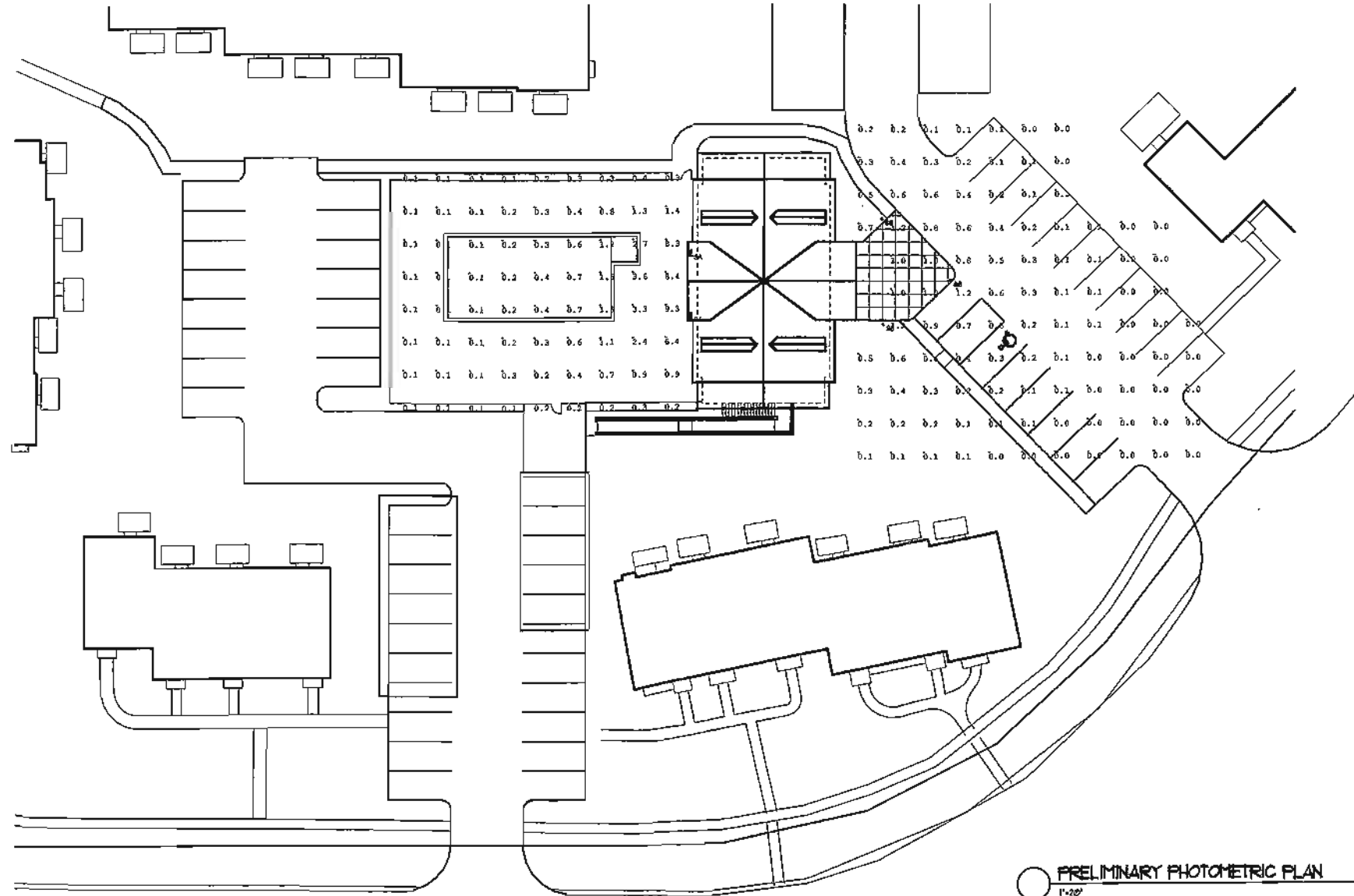


PEREIRA ASSOCIATES

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
POOL AREA	Illuminance	Fc	0.24	0.3	0.1	3.40	3.00
PARKING AREA	Illuminance	Fc	0.25	1.2	0.0	N.A.	N.A.

Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Lumens	LLF	Description
●	3	SB	SINGLE	2200	0.800	RE5
■	2	SA	SINGLE	4500	0.200	MPMS-X-HF-700-XX

MOUNTING HEIGHT OF TYPE SA, EQUALS 12' AFF
MOUNTING HEIGHT OF TYPE SB, EQUALS 10' AFF



PRELIMINARY PHOTOMETRIC PLAN
1"=20'

Proposed New Facility for ...

542 Kings Cross Lane

WOODSMILL PARK APARTMENTS
CHESTERFIELD, MISSOURI

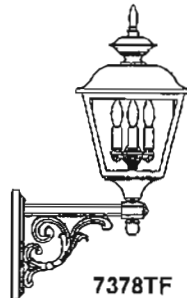
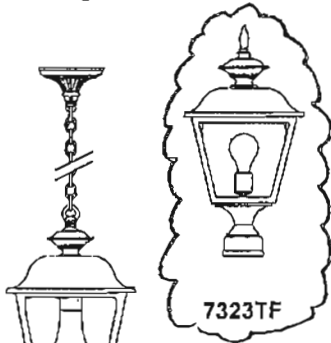
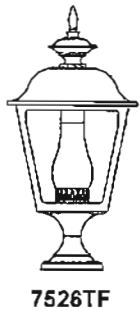
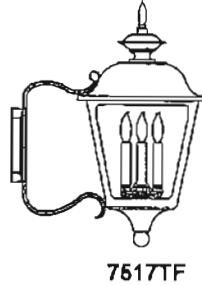
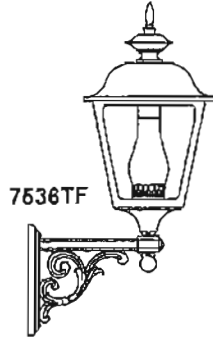
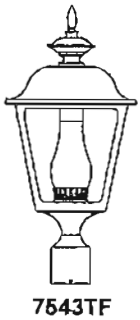
WOLFF PROPERTIES

ISSUE DATES
PRELIMINARY CITY SUBMITTAL: 07-01-09

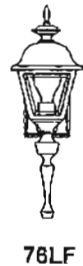
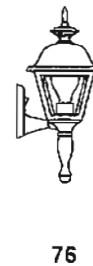
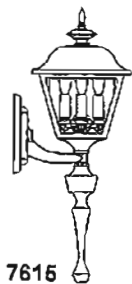
SHEET NUMBER

PROJECT NUMBER: 06380 DATE: 07-01-09

7500TF / 7300TF / 7600TF / 76 NANTUCKET SPECIFICATIONS



7607



Cat. No.	W	H	Ext.*	Top to Outlet	Max.** INC	Max. HID	Max. CF
7543TF	12"	22 1/2"			200W	150W†	42W†
7536TF	12"	29 1/2"	17"	21"	200W	150W††	42W††
7517TF	12"	21"	18"	12 1/2"	200W	—	—
7526TF	12"	22 1/2"			200W	150W††	42W††
7507TF	12"	66" w/36" chain			200W	150W††	—
7323TF	10 1/2"	19 1/2"			150W	100W†	42W†
7378TF	10 1/2"	26"	18 1/2"	19"	150W	100W††	42W††
7316TF	10 1/2"	16"	15"	10 1/2"	150W	—	—
7326TF	10 1/2"	19 1/2"			150W	100W††	42W††
7307TF	10 1/2"	61" w/36" chain			150W	100W††	32W††
7630	8 1/2"	17 1/2"			100W	50W†	26W†
7615	8 1/2"	26"	10 1/2"	12 1/2"	100W	50W††	26W††
7614	8 1/2"	20"	10 1/2"		100W	50W††	26W††
7627	8 1/2"	45" w/24" chain			100W	50W††	—
7635	8 1/2"	20"			100W	—	26W††
76	6 3/4"	16 1/2"	7 1/2"	9 3/4"	60W	—	—
76LF	6 3/4"	19 3/4"	15 1/2"	9 3/4"	60W	—	—

* Add 2" to 4" depending on Ballast Box requirement.
 ** 3 Light Cluster is 25 watt max temp per socket. 76 Series not available with 3 Light Cluster.
 † Remote Ballast required if HID or CF. †† Ballast Box required.
 ‡ 76 & 7600 Series is not available with Frosted Chimney or Refractor.

COOPER LIGHTING - LUMARK®



MS IMPACT FLOOD SMALL

60 - 175 W

High Pressure Sodium
Metal Halide

28 - 42 W

Compact Fluorescent

ARCHITECTURAL FLOOD LUMINAIRE

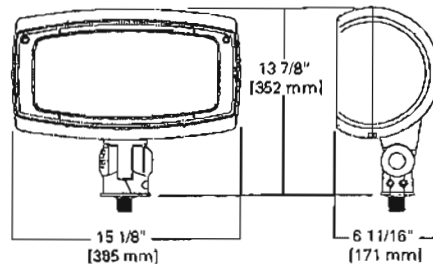
- Rugged one-piece die-cast aluminum housing. One-piece extruded silicone gasket seals the optical and electrical compartment from external contaminants. IP65 rated
- Die-cast aluminum door is secured via two (2) tamper resistant stainless steel allen head fasteners
- Impact resistant, clear flat tempered glass sealed to door with a one-piece silicone gasket
- Available in horizontal or vertical lamp orientation. Optics feature medium-base lamp holders for HID
- High power factor ballast are heat sunk to housing for cooler operation and longer life
- Heavy-duty die-cast aluminum knuckle mount utilizes tooth-lock adjustment mechanism for solid engagement and ease of aiming. Optional heavy-gauge adjustable steel trunnion mount provides additional durability when required
- Approximate net weight: 25 lbs. (11.36 kgs.)

DESCRIPTION

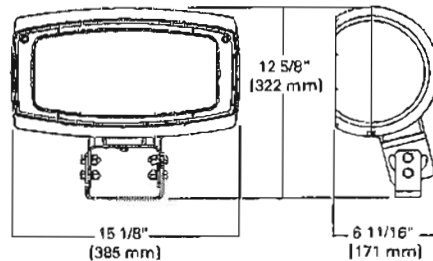
Impact Flood's cylindrical form blends effortlessly to architectural and landscape environments. Available in wattages up to 175W Metal Halide and High Pressure Sodium, and up to 42W Compact Fluorescent. Impact Flood offers properly scaled solutions for any floodlighting application.

DIMENSIONS

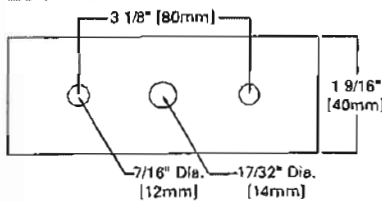
Knuckle Mount



Trunnion Mount



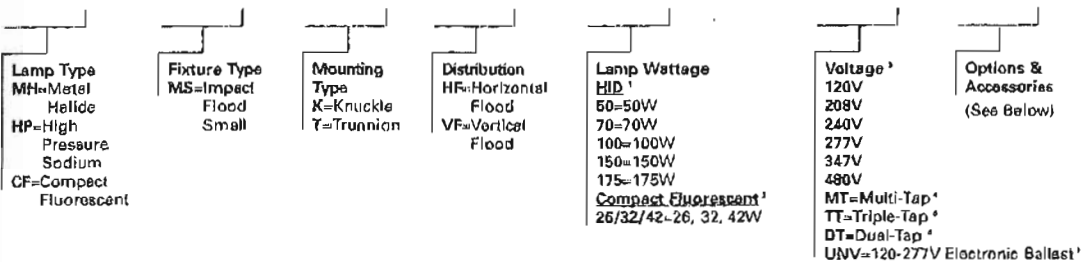
TRUNNION DRILL PATTERN



EPA-Effective Projected Area: 1.12

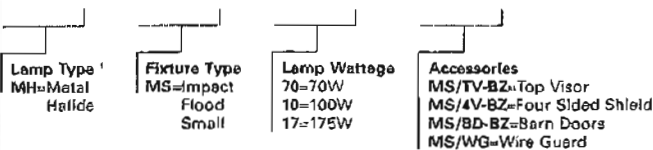
ORDERING INFORMATION

SAMPLE NUMBER: MHMS-X-HF-175-MT-LL



STOCK SAMPLE NUMBER (Lamp Included)

SAMPLE NUMBER: MHMS17



NOTES: Horizontal flood optics, knuckle mount, multi-tap ballast and bronze paint are standard for stock products. Add "W" to the end of catalog logic to specify white finish. Stock accessories only available in bronze finish. Options not available with stock products. Refer to standard ordering information.

Options³

Q=Quartz Relay (DC Bayonet Base)
EM=Quartz Emergency Cold Start Time Delay Relay
EM/SC=Quartz Emergency Separate Circuit
F=Single Fuse (120, 277 or 347V. Specify Voltage)
FF=Double Fuse (208, 240 or 480V. Specify Voltage)
PE=Burton Photocontrol (Specify Voltage)
WH=White⁸
BK=Black⁸
AP=Grey⁸
LL=Lamp Included
(Must Specify Single Wattage with Fluorescent)

Accessories⁴

MS/BD-XX=Barn Doors (EPA 1.03)
MS/TV-XX=Top Visor (EPA .51)
MS/4V-XX=Four Sided Shield (EPA .87)
MS/VS=Vandal Shield
MS/WG=Wire Guard
MS/JB-XX=Architectural J-Box
MS/SF-XX=Slipfitter
MS/TMA-XX=Twin Mount Arm (EPA .35)
MS/WMA-XX=Wall Mount Arm (EPA .22)
MS/WM-XX=Wall Mount

LAMP TYPE	WATTAGE
Metal Halide	50, 70, 100, 175W
High Pressure Sodium	50, 70, 100, 150W
Compact Fluorescent	26, 32, 42W

NOTES: 1 All lamps are medium-base. 2 4-pin fluorescent sockets standard for PL lamps. 3 Products also available in non US voltages and 50Hz for international markets. Consult factory for availability and ordering information. 4 Multi-Tap is 120/208/240/277V wired 277V. 5 Triple-Tap ballast is 120/277/347V wired 347V. 6 Dual-Tap is 120/277V wired 277V. 7 Compact Fluorescent lamps only. 120-277V with internal fusing. 8 Add as suffix in the order shown. 9 Other finish colors available. Consult your Cooper Lighting representative. 10 Order separately, replace XX with color suffix. 11 Specifications and dimensions subject to change without notice.