

STAFF REPORT
CONCERNING APPLICATION FOR A
CERTIFICATE OF APPROPRIATENESS

Date: 5 June 2018

Application Number: 2018-0604

Property Location: 701 N Portage Avenue

Architectural Style/Date/Architect or Builder: Romanesque Revival / 1898 / Charles A. Brehmer (Architect)

Property Owner: Andrew Caspers and Amanda Shutts

Landmark or District Designation: Chapin Park Local Historic District, Ordinance #9574-05; National Register District; Local Landmark, Ordinance #6242-1977.

Rating: Outstanding

DESCRIPTION OF STRUCTURE/SITE: Fire House #6 is one of the oldest extant fire houses in South Bend. The triangular plot, of which the building is situated, has a long connection to South Bend's history. During the Civil War, the land was used as part of Camp Rose, a training ground for local troops headed to war. The Saint Joseph County Agricultural Society later owned the land and used it as part of their fair grounds. In 1896, the City of South Bend purchased the land to build a "Hose House" on the property, serving the City until it was decommissioned in 1967. The Civic Theatre used the structure as a theatre and workshop for nearly fifty years following.

Fire House #6 is a two and a half story, brick structure, with rectangular plan and hip and gabled roof with dormer. There is a hose tower protruding from the roof at the rear. The front first story features the main equipment door, a thin, curved corrugated metal canopy supported by cast iron brackets designed with a sun and scroll motif. Brick pilasters with stone capitals support a false brick arch at second story. Windows are wood, 1/1 with some fixed in attic and hose tower. Centered between two second story windows is a large stone placard with No. 6 in relief.

ALTERATIONS: COA #1985-0819 permitted the cleaning of bricks, replace roof ventilator, windows, and rear entry door. COA #1987-1019 permitted the replacement of the entrance door. COA #1988-1207 permitted the installation of curbing at the Portage-Lindsey intersection as per Project no. MG-000-C Fed Rd. Region 5. COA #1989-0208 permitted the installation of security lights with wiring concealed by the eave material and covered in metal conduit painted to match the structure. COA #1989-0602 permitted the removal of old roofing and re-roofing with Owens Corning 3-tab 20-year shingles. COA #1993-1118 permitted the repair of holes and the straightening of the edges of the canopy. COA#1994-1215 permitted the grading of the drive and in-kind replacement of limestone base. COA #1995-1025 permitted the removal and replacement of a dead tree. COA #1999-0713 permitted the installation of a pole, siren, and related electrical/radio parts all contained /attached to the pole on Lindsey between Portage Avenue and Leland Avenue. COA #2003-1031A permitted the installation of landscape lighting around the building, a new sign in the lawn, replacement of the front garage door sign, and re-glazing of the scheduling boards on the windows flanking the garage door. COA #2003-1031B permitted the removal of loose paint and dirt from the metal awning with water and/or Conklin's Rust-Off, caulking all seams on top of awning, priming of the awning and the structural braces, and a final coat of paint on the awning. COA #2017-1002G permitted masonry repair (in-kind) using Glen Gery Molded Series '53-DD Spec Sand' or '250-M'. Replace roof (in-kind), with Certainteed Highland Slate 'black granite'; replacement of the house tower wall material with Petersen Aluminum 'matte black', replacement of the hose tower windows (in-kind) with wood windows of the same size and configuration; install new gutters, downspouts, and flashing of copper. COA#2018-0402 approved window replacement with new aluminum clad 1/1 double hung, fire egress casement, hose tower fixed, restoring exterior wood moldings, replace garage doors with new steel bi-fold, replace passage doors with new custom wood. COA#2018-0507E approved installation of 4' Elite decorative fencing with 4" space between pickets, construct basement access, install 42" H black metal guardrail, construct 8' brick enclosure with steel frame wood clad gate and door, install new steel door between enclosure and basement access, landscaping including pavers, new concrete curbs and paver driveway.

APPLICATION ITEMS: “(4) new post lights – note 11 on site plan; proposed cages for new condensing units”

DESCRIPTION OF PROPOSED PROJECT:

1. SITE

- a. Lighting (see C1.1 Proposed Site Plan and Sternberg sheet): Install four new Sternberg Lighting, Tinley style, black finish fixtures with 5” square posts. Described by the manufacturer as a large scale, dramatic Mission square edge design, featuring a tall, straight four-sided decorative cast cage, a simple curved edge grille design, cast ballast housing assembly, acrylic lens and a dramatic cantilever peaked roof design.

2. NORTH

- a. Utility (see C1.1 Proposed Site Plan and Post Guard sheet): Install new air conditioning condenser units, for a total of four. Install Post Guard black air conditioning cages around each unit to be set in concrete footers. Add loose gravel ground cover. Plant landscape screening using arborvitae or similar plantings.

SITE VISIT REPORT: n/a

STANDARDS AND GUIDELINES, CHAPIN PARK:

I. THE ENVIRONMENT

A. The District Environment

The Chapin Park Local Historic District is a particularly fine residential area located close to downtown South Bend, the St. Joseph River, Memorial Hospital and Leeper Park. This section is meant to protect and guide appropriate maintenance of the common areas of the district (i.e. visual landscape and streetscapes).

Required

Brick streets contribute greatly to the character of the neighborhood. These streets have always been essentially passenger car thoroughfares. The appointments of the streets (i.e. lighting, curbs, horse hitches and monuments) should contribute as much as possible to their architectural, historic and residential character. Retention and maintenance of existing brick streets in the district is required. Repair work to fill voids and gaps must utilize brick paver materials and acceptable installation methods whenever applicable. When utility work dictates the removal of street sections (pavers), the original materials will be reinstalled. Brick streets shall be patched with brick pavers. Concrete, asphalt, fillers and similar materials shall not be used. All original streetlights shall be maintained, especially the George Cutter “Park View” streetlights designed by Cutter Company for this neighborhood. Present efforts by the Neighborhood Association and the Historic Preservation Commission to restore “Park View” streetlights to the district shall continue. Any change in lighting must receive approval of the Historic Preservation Commission. **New or different fencing requires a C of A and shall reflect the style and character of the individual property and the surrounding environment and properties.**

Recommended

The current or historic character of lawns should be preserved. Front yard areas, common lawns and tree lawns should remain open. New or replacement trees should be compatible in variety with those presently growing. Vacant lots should be kept landscaped appropriately while vacant, and may be used for recreational or residential development. When replacement of utility poles or power supply lines is necessary, consideration should be given to underground conduits or utility poles erected along rear property lines.

Prohibited

Existing relationships of building and their environments shall not be destroyed by widening existing streets, applying asphalt or other bituminous coverings or by introducing new streets or parking lots. **Signs, streetlights, benches, new plant materials, fencing, walkways and paving materials which are out of scale or inappropriate to the neighborhood may not be used.** The erection of high walls or barriers, which would alter the relationship of the houses, shall be prohibited. Utility poles with high intensity overhead lights shall not be used on main thoroughfares.

B. BUILDING SITE, LANDSCAPING & ACCESSORIES

This section focuses on individual properties and amenities. Building sites tend to be irregularly shaped, of varying topography and with different setbacks with regard to plots. Alleys are generally behind houses. **Landscape accessories like fences are unique to each structure.** Chapin Place presents a unique situation within the district. Applications from properties that have property lines on Chapin Park will be considered on a case-by-case basis.

Required

Fencing, walkways, outbuildings, private yard lights, signs (i.e. house numbers) and benches (visible from the street) as well as trees located in a yard or tree lawn which reflect the property’s history and development shall be retained.

A tree located in such areas shall only be removed if the removal is required due to storm damage, disease, threatened damage to a structure or for such other reason acceptable to the Historic Preservation Commission. Storm damage or diseased trees should then be replaced with an approved species at the same or approximate location wherever possible. **Fencing visible from the street in front of the structure shall be open (meaning spaces between the pickets) and consistent with the historic character of a structure enclosed.**

Recommended

New site work should be based upon actual knowledge of the past appearance of the property found in photographs, drawings and newspapers. New site work should also be appropriate to existing surrounding site elements in scale, type and appearance. Front yard areas should remain open. (See above for information regarding fences.) Trees in close proximity to a building may cause structural damage. Owners are encouraged to remove these trees and replace (or replant) them at a more appropriate location as soon as planting season permits and upon approval of a C of A.

Prohibited

No changes may be made to the appearance of the site by removing trees, fencing, walkways, outbuildings or other elements before evaluating their importance to the property's history and development. Front yard areas shall not be transformed into parking lots nor paved nor blacktopped, nor enclosed by solid fences, chain link, nor industrial / commercial style fences.

The installation of unsightly large devices, such as television satellite dishes, skylights or solar panels, shall not be permitted in areas where they detract from the architecture of a building, are intrusive to the public view of the building or are highly visible from a public street, or ruled inappropriate after Commission review.

Utility poles with high-intensity overhead lights should be installed so that they cannot be seen from a street. The Commission will evaluate all installations as well as any potential exceptions resulting from special circumstances, before granting a C of A.

E. MECHANICAL SERVICES

The majority of the structures within the district have oil or gas heat, and have brick chimneys through the roof. Some houses have one or two window air conditioners.

Required

Required mechanical systems shall be placed in areas that will result in the least possible alteration of the structural integrity and physical appearance of the building.

Recommended

Solar collectors and TV dishes should be placed in the rear of the property and shielded by shrubbery and landscaping. Window air conditioners and exhaust fans should be installed at the rear or an inconspicuous side window. Original lighting fixtures should be utilized whenever possible.

STANDARDS AND GUIDELINES, GROUP B LOCAL LANDMARKS:

The Commission has the authority to determine the architectural merits and the extent of any proposed treatment, renovation, or addition to a historic landmark. The commission will require drawings, plans, specifications, and/or samples where appropriate.

A. Maintenance

The maintenance of any historical structure or site shall in no way involve any direct physical change except for the general cleaning and upkeep of the landmark. The Commission shall encourage the proper maintenance of all structure or sites.

B. Treatment

Treatment shall be defined as any change of surface materials that will not alter the style or original form. Such improvements include re-roofing, glazing, or landscaping lawns and may involve a change that can potentially enhance or detract from the character of the landmark. A treatment change of any surface whether on the landmark or in its environment may require a Certificate of Appropriateness if it significantly alters the appearance of the landmark. Although these kinds of changes may not require a Building Permit, a Certificate of Appropriateness may be necessary. The commission should review the proposed treatment for character and style consistency with the original surfaces.

C. Renovation and Additions

Renovation is the modification of a structure, which does not alter the general massing while an addition, is a change in mass. A modification, which involves the removal of a part of the landmark, should be considered under demolition (see demolition).

Additions to landmarks should not detract from the original form and unity of the landmark and should not cover singular examples of architectural detail. Additions to landmarks should be added in a manner that does not disrupt the visible unity of overall appearance of the site. The proportions, materials and ratios of the existing structures should be carried through in the additions. Care should be taken not to change or alter the following:

1. Structure—Necessary structural improvements, where safety demands should be accomplished in such a way as to cause minimal visual change to the original style and construction.
2. Material—Additions and improvements involving any new material in the landmark should be of the same material as the original. It should be the same size and texture. An alternative material may be allowed if it duplicates the original.
 - a. wood—all wood trim should conform with existing trim in shape and size.
 - b. siding materials—the Commission discourages the covering or alteration of original materials with additional siding. Structures already sided with incompatible materials should be returned to a siding similar to the original when renovation is considered.

D. Demolition

Historic landmarks shall not be demolished. When a landmark poses a threat to the public safety, and demolition is the only alternative, documentation by way of photographs, measured drawings, or other descriptive methods should be made of both the exterior and interior of the landmark. The person or agency responsible for demolition of the landmark shall be responsible for this documentation.

E. Moving

The moving of landmarks is discouraged, however, moving is preferred to demolition. When moving is necessary, the owner of the landmark must apply to the Commission for a Certificate of Appropriateness.

F. Signs

No neon or flashing signs will be permitted unless they are original to the structure. Billboards and super-graphics will also be disallowed. Only one appropriate identifying sign will be permitted per business.

G. Building Site and Landscaping

(These standards apply to both A and B)

1. Required

Major landscaping items, trees, fencing, walkways, private yard lights, signs (house numbers) and benches which reflect the property's history and development shall be retained. Dominant land contours shall be retained. Structures such as: gazebos, patio decks, fixed barbecue pits, swimming pools, tennis courts, green houses, new walls, fountains, fixed garden furniture, trellises, and other similar structures shall be compatible to the historic character of the site and neighborhood and inconspicuous when viewed from a public way.

2. Recommended

New site work should be based upon actual knowledge of the past appearance of the property found in photographs, drawings, and newspapers. Plant materials and trees in close proximity to the building that are causing deterioration to the

buildings historic fabric should be removed. However, trees and plant materials that must be removed should be immediately replaced by suitable flora. Front yard areas should not be fenced except in cases where historic documentation would indicate such fencing appropriate. Fencing should be in character with the buildings style, materials, and scale.

3. Prohibited

No changes may be made to the appearance of the site by removing major landscaping items, trees, fencing, walkways, outbuildings, and other elements before evaluating their importance to the property's history and development. Front yard areas shall not be transformed into parking lots nor paved nor blacktopped. The installation of unsightly devices such as TV reception dishes and solar collectors shall not be permitted in areas where they can be viewed from public thoroughfares.

STAFF RECOMMENDATION: Staff recommends approval as proposed projects conform to the Standards and Guidelines.

Written by
Elicia Feasel
Historic Preservation Administrator

EAST (FRONT) VIEW



SOUTH VIEW



WEST and NORTHWEST VIEWS





HISTORIC PRESERVATION COMMISSION OF SOUTH BEND AND ST. JOSEPH COUNTY

County—City Building, South Bend, IN 46601
http://www.southbendin.gov/government/department/community-investment
Phone: 574/235.9371 Fax: 574/235.9021
Email: hpcbsjc@southbendin.gov

Timothy S. Klusczynski, President

A Certified Local Government of the National Park Service

Elicia Feasel, Historic Preservation
Administrator

APPLICATION FOR A — CERTIFICATE OF APPROPRIATENESS

OFFICE USE ONLY>>>>>>>DO NOT COMPLETE ANY ENTRIES CONTAINED IN THIS BOX<<<<<<<OFFICE USE ONLY

Date Received: 4 June 18 Application Number: 2018 - 0604

Past Reviews: YES (Date of Last Review) 2018-0507 NO

Staff Approval authorized by: _____ Title: _____

Historic Preservation Commission Review Date: June 18, 18

Local Landmark Local Historic District (Name) Chapin Park

National Landmark National Register District (Name) _____

Certificate Of Appropriateness: Denied Tabled Sent To Committee Approved and issued: _____

Address of Property for proposed work: 701 PORTAGE, SB, IN 46616
(Street Number—Street Name—City—Zip)

Name of Property Owner(s): SEVEN ENTROPY DESIGN STUDIO Phone #: 858-717-3157

Address of Property Owner(s): 3623 EASTMAN DR., LOS ANGELES, CA 90232
(Street Number—Street Name—City—Zip)
NORRIS EMMONS

Name of Contractor(s): _____ Phone #: 574-232-9600

Contractor Company Name: H.G. CHRISTMAN CONSTRUCTION

Address of Contractor Company: 23186 IROLAND RD.
(Street Number—Street Name—City—Zip)

Current Use of Building: VACANT
(Single Family—Multi-Family—Commercial—Government—Industrial—Vacant—etc.)

Type of Building Construction: WOOD FRAME WITH MASONRY + STEEL BEARING ELEMENTS
(Wood Frame—Brick—Stone—Steel—Concrete—Other)

Proposed Work: In-Kind Landscape New Replacement (not in-kind) Demolition
(more than one box may be checked)

Description of Proposed Work: (4) NEW POST LIGHTS - NOTE 11 ON SITE PLAN;
PROPOSED CAGES FOR NEW CONDENSING UNITS

Owner e-mail: _____ and/or Contractor e-mail: NORRIS@H6CHRISTMANCONSTRUCTION.COM

X _____ and/or X [Signature]
Signature of Owner Signature of Contractor

By signing this application I agree to abide by all local regulations related to project and to obtain a Building Department Permit, if applicable.

—APPLICATION REQUIREMENTS ARE LISTED ON REVERSE SIDE—

Elicia Feasel

From: Norrie Emmons <Norrie@hgchristmanconstruction.com>
Sent: Tuesday, June 5, 2018 8:23 AM
To: Elicia Feasel
Cc: Acrowne (acrowne@gmail.com); Adam Toering
Subject: 701 Portage - Site lights and AC cage
Attachments: Sternberg Tinley post light.pdf; Post Guard AC Cage cut sheet.pdf

Elicia—

I've attached product info on the post lights and air conditioner cages. Make note:

- Post lights will be set on 5" square posts—selections for options are made with the red clouds.
- A revised site plan is attached to the AC cage cut sheet; we will keep the landscape screening intact from last month's site plan.

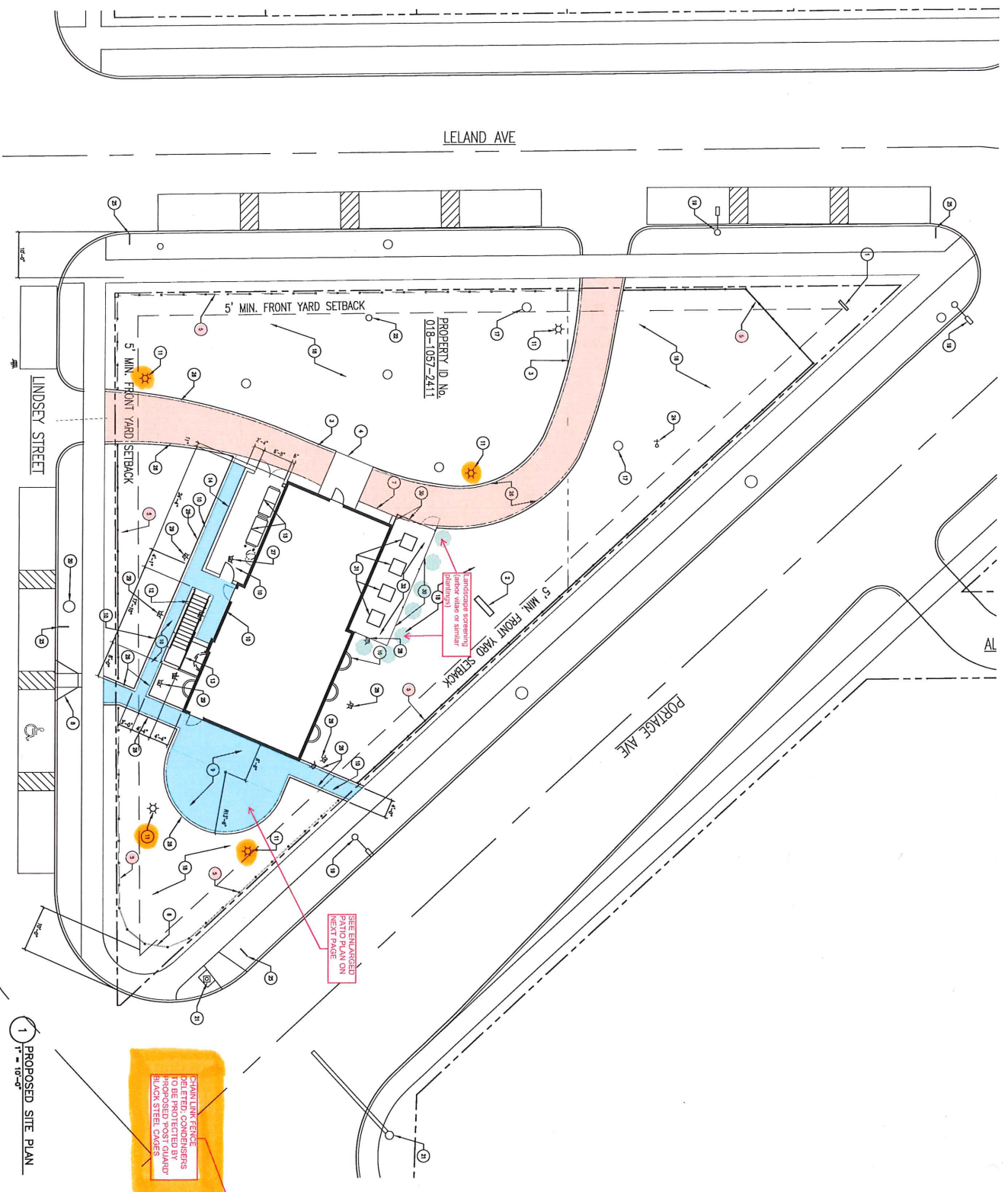
Let me know if you have any questions.

Thank you.

Norrie Emmons
President



H.G. Christman Construction
23186 West Ireland Road
South Bend, IN 46614
574-232-9600 office
574-210-5931 cell
www.hgchristmanconstruction.com



LELAND AVE

LINDSEY STREET

PORTAGE AVE

PROPERTY ID No.
018-1057-2411

5' MIN. FRONT YARD SETBACK

5' MIN. FRONT YARD SETBACK

5' MIN. FRONT YARD SETBACK

SEE ENLARGED PATIO PLAN ON NEXT PAGE

PRECAST CONCRETE FENCE ELEMENTS TO BE PROTECTED BY PROPOSED POST AND RAIL BLACK STEEL GUARD

1 PROPOSED SITE PLAN
1" = 10'-0"



KEYED NOTES:

- 1 EXISTING HISTORICAL COMMERCIAL FRAME
- 2 EXISTING LIGHTED MONUMENT SIGN
- 3 EXISTING GRASS, ASPHALT, SEE CURB DETAIL 4/12.1
- 4 EXISTING BRICK PAVES
- 5 4'-0" EXISTING ALUMINUM FENCE, SEE PAGES C2.1
- 6 3'-0" EXISTING ALUMINUM FENCE TO BACK ROW, CONCRETE, SEE PAGE C2.1
- 7 EXISTING CONCRETE PAV
- 8 ACCESSIBLE CONCRETE CURB RAMP
- 9 PERMEABLE PAVEMENT PAVO, SEE CURB DETAIL 4/12.1
- 10 PERMEABLE PAVEMENT WALK, SEE CURB DETAIL 4/12.1
- 11 IMPROVED NEW LIGHT POLE, SEE FOUNDATION DETAIL 2/12.1
- 12 CONCRETE STONE TO EXISTING FOUNDATION, SEE SHEET S1.1
- 13 CONCRETE STONE TO EXISTING FOUNDATION, SEE SHEET S1.1
- 14 EXISTING ALUM GARBAGE, SEE SHEET S1.1
- 15 BR BRICK ENCLOSURE W/ WOOD DOORS, SEE DETAIL 1/12.1
- 16 SHOWER
- 17 EXISTING WINDOW WELL (TYP) OF 10
- 18 EXISTING LAMIN
- 19 EXISTING POWER POLE W/ STREET LIGHT
- 20 EXISTING COMMUNICATIONS UTIL
- 21 EXISTING TRAFFIC LIGHT POLE
- 22 EXISTING DECOMMISSION LIGHT
- 23 EXISTING FIRE HYDRANT
- 24 EXISTING WATER SPROUT
- 25 EXISTING STREET SIGN
- 26 8" X 12" CONCRETE CURB TO MATERIAL, SEE DETAIL 4/12.1
- 27 RELOCATE EXISTING LIGHT STRIKE TO NEW LOCATION, REBAR FENCING & EXTERIOR WALK, SEE DETAIL 4/12.1
- 28 NEW OR REPLACE EXISTING LIGHT FIXTURE
- 29 RELOCATED LIGHT FIXTURE
- 30 NEW 6" TALL CONCRETE SECURITY FENCE
- 31 NEW 48" CONCRETE COMBINED LIGHT
- 32 LODGE GRASS, GRASS COVER

KITL
ARCHITECTURE
1125 LINCOLNWAY EAST
SOUTH BEND, IN 46615
GREGORY A. KITL
ARCHITECT
574.288.2654
FAX 288.2420
www.kitlarchitect.com

HGC
H.G. CHRISTMAN
CONSTRUCTION
1001 SOUTH BEND, IN 46614
574.492.3322 • 9.680.6
1/12.1

GEORGE A. KITL ARCHITECT
1001 SOUTH BEND, IN 46614
574.492.3322 • 9.680.6
1/12.1

RESTAURANT CONVERSION AT FIREHOUSE No. 6
701 PORTAGE AVENUE
SOUTH BEND, IN 46615

PROPOSED SITE PLAN
DATE: MARCH 18, 2016
INDIANA DHS PLAN REVIEW

REVISIONS:

C1.1
© COPYRIGHT 2016
KIL ARCHITECTURE P.A.S.C.

prairie matrix



0620
Tinley II



0620LED
Tinley II



0630
Prairie II



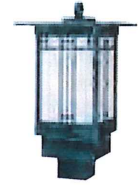
0630LED
Prairie II



0640
Paragon II



0640LED
Paragon II



0660
Craftsman II



0670
Mission II



0680
Artisan II



0680LED
Artisan II



0690
Homestead II



0690LED
Homestead II



1220
Tinley



1220LED
Tinley



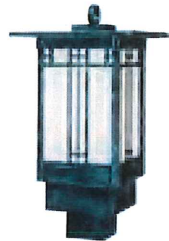
1230
Prairie



1230LED
Prairie



1240
Paragon



1260
Craftsman



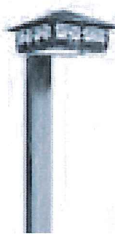
1270
Mission



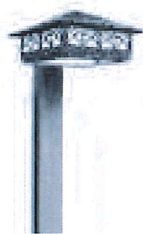
1280
Artisan



1290
Homestead



PA130
Prairie Area Lighter



PA230
Prairie Area Lighter



RD130
Prairie RD



RD230
Prairie RD

1220 TINLEY SERIES

SPECIFICATIONS

GENERAL

The 1220 Tinley fixture is a large scale, dramatic Mission squared edge design. It features a tall, straight four-sided decorative cast cage, a simple curved edge grille design, cast ballast housing assembly, acrylic lens and a dramatic cantilever peaked roof design. The roof shall be appointed with an aluminum ring finial.

POST FITTER

The fitter or base shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an in-side diameter opening to accept a 4", 5" or 6" square or round pole or tenon. When ordered with a Sternberg aluminum pole, the fitter shall be set screwed to the pole top or tenon.

BALLAST HOUSING

The ballast housing shall be heavy wall cast aluminum, 356 alloy for high tensile strength. The housing shall be cast as an integral part of the fitter to prevent water entry into the ballast compartment and to ensure high capacity heat sinking of ballast temperatures, keeping the ballast cooler and ensuring long life. The ballast mounting plate shall be cast aluminum and provide tool-less removal from the housing using 2 ea finger latches.

ELECTRICAL

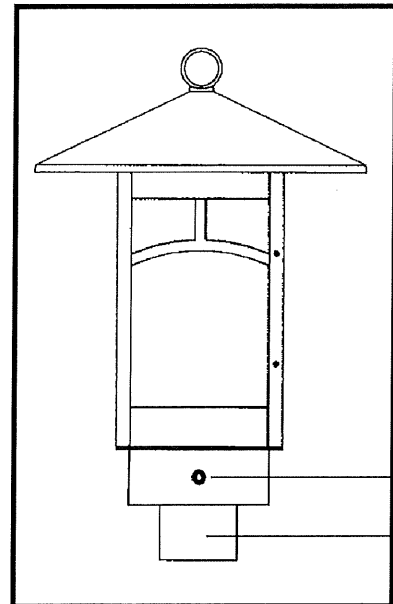
Fixture shall be U.L. or E.T.L. listed. H.I.D. ballasts shall be high power factor with lamp starting down to -30 degrees C. Medium base and mogul base porcelain sockets are 4KV rated. The ballast/socket assembly shall be pre-wired when ballast is located in the fixture. All compact fluorescent (PL) ballasts shall be instant start electronic with a starting temperature of down to 0 degrees F. They shall have a 4-pin socket to accept quad or triple tube lamps. Ballasts shall be DOE EISA compliant.

FIXTURE HOUSING

The 1220 fixture shall be 24" wide and the overall height shall be 37". It shall be made of heavy wall cast aluminum, 356 alloy and lenses will be made of vandal resistant acrylic, available in clear (CA), clear seeded (CSA), clear textured (CTA), prismatic (PA), white (WA) acrylic and art glass (AGB). The 1220 fixture features a cast 12" wide window body with a simple curved edge grille work design. The cast 24" square roof shall cantilever the fixture body and have a solid aluminum soffit. The entire fixture shall be made of cast aluminum, 356 alloy.

OPTICAL OPTIONS

Refractors shall be 6" diameter borosilicate glass with an I.E.S. Type 3 (RE3) or Type 5 (RE5) distribution. It shall be secured to the socket stem with 3/8" plated steel threaded pipe nipple and rest on a cast aluminum holder with anti-shock gasket. The refractor will be secured to cast holder with a quarter-turn internal aluminum twist ring for ease of maintenance.

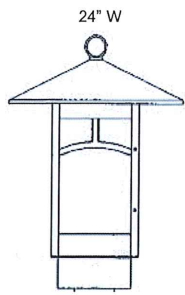


EPA = 4.48 (ft²)
WEIGHT = 53 LBS

1220 TINLEY

FIXTURES/FITTERS/ARMS PM-WB

FIXTURES **POST FITTERS** **OPTICAL SYSTEMS**



1220

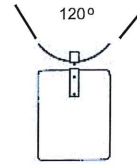


1220 Post Top w/Post Fitter

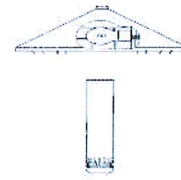
- S4"**
 - R4"**
 - S5"**
 - R5"**
 - S6"**
 - R6"**
- SIZES**



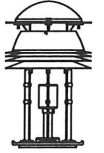
**RE3G
RE5G
Refractor**



**HSS
House Side
Shield**



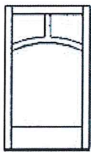
**FMC
Frosted Mission
Chimney**



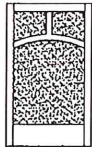
**LO3
LO5
Louver
Optics**

**RO
Roof Optics
2, 3 or 5**

LENSES



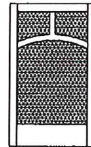
**CA
Clear
Acrylic**



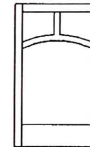
**CSA
Clear
Seeded
Acrylic**



**CTA
Clear
Textured
Acrylic**



**PA
Prismatic
Acrylic**

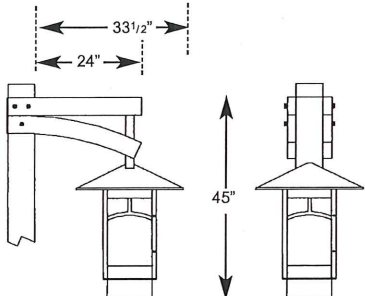


**WA
White
Acrylic**

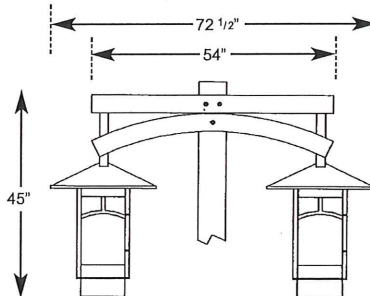


**AGB
Art Glass
Brown
Marble**

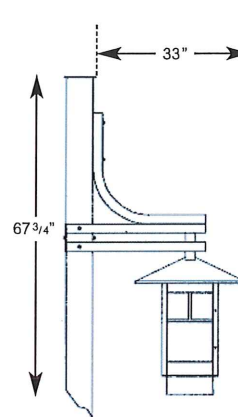
ARMS - POST MOUNT or WALL BRACKETS (WB) See Arms Section for more information



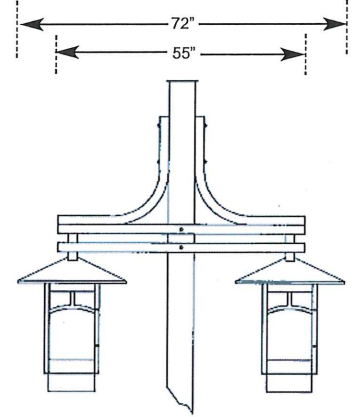
HCT Single Arm



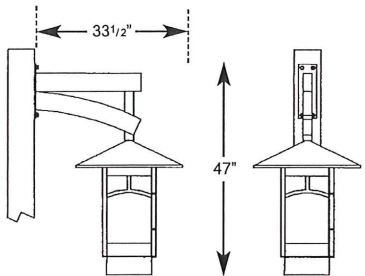
HCT Twin Arm



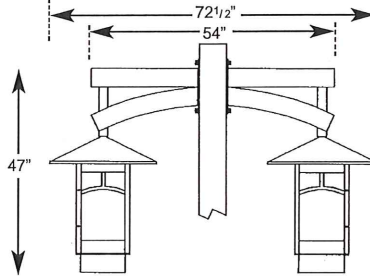
**HSC
Single Arm**



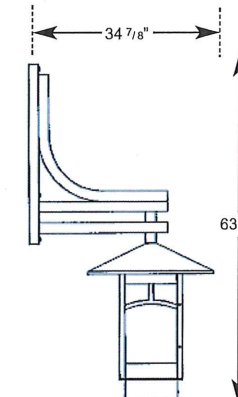
**HSC
Twin Arm**



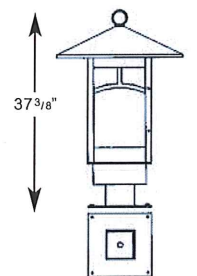
HTPS Single Arm



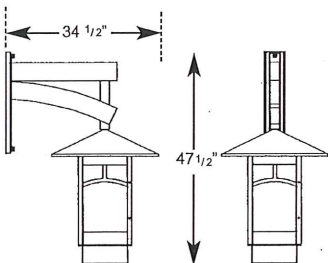
HTPS Twin Arm



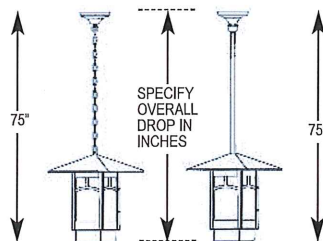
HSCWB Single Arm



**P1PB
Pier Base**



1-14 HTPSWB Single Arm



HCH44 Chain Hung HSH44 Stem Hung

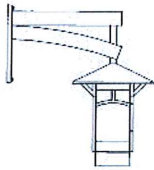
SPECIFY
OVERALL
DROP IN
INCHES

BUILDING A PART NUMBER

POST & ARM FIXTURES

ARM MOUNTED FIXTURE NO. OF ARMS	CENTER POST TOP FIXTURE (PT) FIXTURE / POSTARM	POST (See Post Section)	POST CAP	LIGHT SOURCE BALLAST WATTS / TYPE / VOLTS	OPTICS	OPTIONS	LENS	FINISH
2	1220/HCT	PT	6SQ15	SC	100 MHP120	PEC	WA	BKT

WALL FIXTURES



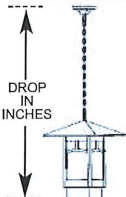
FIXTURE / WALL BRACKET	LIGHT SOURCE BALLAST WATTS / TYPE / VOLTS	OPTICS	OPTIONS	LENS	FINISH
1220/HTPSWB	100 MHP120			WA	BKT



PIER FIXTURES
Uses same information boxes as wall fixture

1220/P1PB
FIXTURE / PIER BASE

HANGING FIXTURES



FIXTURE / HANGING BRACKET	OVERALL DROP IN INCHES	LIGHT SOURCE BALLAST WATTS / TYPE / VOLTS	OPTICS	OPTIONS	LENS	FINISH
1220/HCH44	75 INCHES	100 MHP120	FMC		CA	BKT

PART NUMBER SELECTIONS

FIXTURES

- 1220

FITTERS

- R3
- R4
- S4
- R5
- S5

OPTICS

- RE3
- RE5
- HSS
- FMC²
- LO3
- LO5
- RO2²
- RO3²
- RO5²

POST ARMS

- HCT single
- HCT twin
- HTPS single
- HTPS twin
- HSC single
- HSC twin

VOLTAGES

- 120
- 208
- 240
- 277
- 480
- MULTI (120-277)

WALL BRACKET ARMS

- HTPSWB
- HSAWB

PIER BASE

- P2PB

LENSES

- CA
- CSA
- CTA
- PA
- WA
- AGB

HANGING BRACKETS

- HCH44
- HSH44

BALLASTS^{3,4}

- 35HPS¹
- 50HPS
- 70HPS
- 100HPS
- 150HPS
- 250HPS
- 50MHP
- 70MHP
- 100MHP
- 150MHP
- 175MHP⁵
- 200MHP
- 250MHP

LAMPS⁴

- HPS35/MED
- HPS50/MED
- HPS70/MED
- HPS100/MED
- HPS150/MED
- HPS250/MOG/ED18
- MHP50/MED
- MHP70/MED
- MHP100/MED
- MHP150/MED
- MHP175/MOG/BT28⁵
- MHP200/MOG/ED28
- MHP250/MOG/ED28

STANDARD FINISHES*

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

*Smooth Finishes are available upon request

CUSTOM FINISHES

- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

STERNBERG SELECT FINISHES

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

OPTIONS

- PEC Photocell-Electronic 120-277 Volt
- FHS Single Fuse and Holder-120,277 Volt
- FHD Dual Fuse and Holder-208,240,480V
- QR Quartz Re-Strike
- LAMPS Select from List

NOTES:

- ¹35HPS is 120 volt only.
- ²MED base only when used to house lamp. Consult factory if roof optic is required for mogul base lamp.
- ³Medium base sockets standard

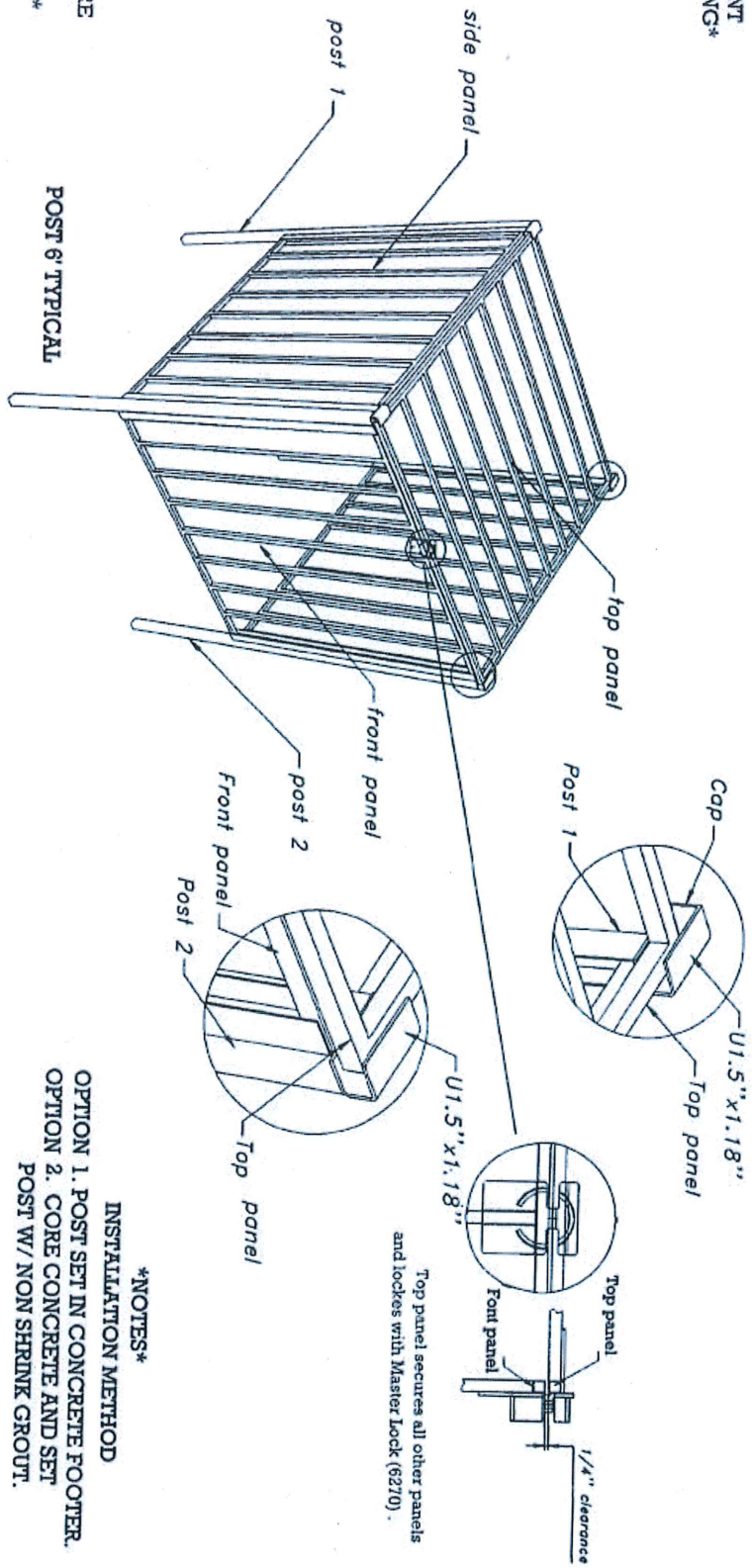
- with ballasts up to 150 watts for HID Mogul base sockets are standard with ballasts 175 watts and over. 4-pin for PL.
- ⁴Metal halide systems are pulse start.
- ⁵Consult factory for limitations.



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3 x 3 AIR CONDITIONING CAGE

*PATENT
 PENDING*



*ALL CAGES ARE
 THREE SIDED
 UNLESS NOTED*

POST 6" TYPICAL

NOTES

INSTALLATION METHOD

- OPTION 1. POST SET IN CONCRETE FOOTER.
- OPTION 2. CORE CONCRETE AND SET POST W/ NON SHRINK GROUT.

Finish: factory painted black