Fence Addition for The James Raymond Johnson House 1412 W 6th Half St
Jeff Albrecht - Owner and Applicant 13 June 2023

## SITE PLANS SIDE BY SIDE COMPARISON

Site Plan w/

## Proposed Fence





## SAFETY CONSIDERATIONS

International Building Code 1015.2 requires a fence or railing on any retaining wall over 30" high.

These walls are high risk safety hazards. Above the walls are slippery, tangly asian jasmine that hides sprinkler heads and rocks. Below, is a five foot fall to asphalt.

Children, gardeners animals are at obvious risk for severe injury.

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## Photo Renderings of Landscape (Proposed and Current)



$$
61 / 2 \text { St. }
$$


$61 / 2$ St.
Current Without Fence


Highland Avenue
Proposed New Fence


Highland Avenue
Current Without Fence


Highland Avenue
Proposed New Fence


Highland Avenue
Current Without Fence

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## Proposed Site Line at Front of House

REQUIREMENT: Fence should not impede view of historical house from street.


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PHOTO EXAMPLES OF PROPOSED FENCE DESIGN
(Examples from Baylor St, San Antonio St., W 7th St)


Fence Panels, Posts and Pedestrian Gate


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## MATERIAL LIST

## FENCE PANELS AND POSTS

 All materials painted slate gray$3 / 8$ " round solid metal rod welded to rails, topped with finials, 3.5 " gap between

## $\sim 1.25$ " $\times 1 / 4$ ' solid metal rails




Corner section of fence raises to 4 ' tall because of elevated planter box and to meet code requirement for 36" rail height above grade.

3' round End Posts anchored with bolts and adhesive. Decorated with finial. (top of finial) is 36 "

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## Anchoring and Wall Stability

OWNER REQUIREMENT: Fence must prove stable for itself and retaining wall in the event it is climbed by a 220 lb person from below or should a 220 lb person fall into it from above.

1. Each section of fence between gates and corners will turn back at right angles creating a rigid, stable, immovable structure.

2. Cantilevered supports every 12 feet are anchored with 50lb stone.


SIDE VIEW
3. $3 / 4$ " round solid metal rod every 6 feet drilled into retaining wall and anchored with rock
climbing anchor adhesive rated for 50 years in

4. 3" round corner post mounted on 6"x6" plate with bolts anchored into wall with rock climbing anchor adhesive rated for 50 years in limestone.


## MATERIAL LISTS

## PEDESTRIAN GATES (2)

Metal round pickets ( $\sim .25^{\prime \prime}$ )
Angle metal rails ( $\sim 1.25$ ")
Bent metal scroll ( $\sim .5$ ")
Metal finials
Hinges welded to metal rod anchored into retaining wall


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## MATERIAL LIST

## DRIVEWAY GATE

Metal round pickets ( $1 / 4$ " or $3 / 8^{\prime \prime}$ )
Angle metal rails ( $\sim 1.25$ ")
Bent metal scroll ( $\sim .5^{\prime \prime}$ )
Metal finials
Hinges welded to metal anchoring sleeve 3 " metal post with finial

Street View (Gate, Gate Post, Fence)

Gate Post (Street View)


Gate hinge post welded to wrap-around metal sleeve anchored to retaining wall and sistered to sunk post on other side of wall. Horizontal sistering supports also used for affixing gate control panel.

Sunk post


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## DRIVEWAY GATE

## POSITIONING

## GATE OPENING <br> 11" (wall to wall) <br> 10' 9-3/4" (wall to gate)*

*assuming gate width $=1.25$ " +1 " hinge mount


