



**HISTORIC DISTRICT
REVIEW COMMISSION**

April 17, 2018

**5:30 p.m.
City Hall
Council Chambers**



**HISTORIC DISTRICT REVIEW COMMISSION
Regular Meeting Agenda**

**April 17, 2018
5:30 p.m.
City Council Chambers**

I. Call to Order

II. Roll Call

John Carr, Vern Drottz, Mike Gilmore, Matt Grundy, Dail Hobbs, Clay Lozier,
Kelley Wrenn Pozel, Brett Rinker, Doug Wilson

III. Approval of Regular Meeting Summary: April 3, 2018

IV. HDRC Case #18-003J Consideration of a Certificate of Appropriateness for in-kind repairs and removal of non-historic materials at 427 E. Mississippi St., a 353 project

V. Other Business

Administrative Approvals since the April 3, 2018 meeting:
 • 116 W. Franklin Fence

Miscellaneous matters from the Commission:

Miscellaneous matters from Staff:

VI. Adjournment

LIBERTY HISTORIC DISTRICT REVIEW COMMISSION
Regular Session Summary
Council Chambers, City Hall
April 3, 2018
5:30 p.m.

I. Call to Order

Chairman Grundy called the meeting to order at 5:33 pm

II. Roll Call

John Carr, Vern Drottz, Matt Grundy, Dail Hobbs, Mike Gilmore and Doug Wilson answered roll call.

Clay Lozier, Kelley Wrenn Pozel and Brett Rinker were absent.

Jeanine Thill, Community Development Manager represented staff.

III. Approval of Regular Meeting Summary: February 21, 2018

Vice Chairman Carr made a motion to approve the meeting summary from February 21, 2018, as revised. The motion was seconded by Commissioner Wilson. The motion passed 6-0-0.

HDRC Case # 18-002J Consideration of a Certificate of Appropriateness for like in-kind repairs at 409 E. Franklin, Jewell Historic District, a 353 Tax Abatement application. Vice Chairman Carr commented that the vent on the roof is not original to the home and it is likely a store bought aluminum vent and is clearly in need of repairs. Vice Chairman Carr added that the porch is likely a clear yellow pine D-Select. Commissioner Gilmore commented that matching the materials and installation techniques are important. Commissioner Gilmore made a motion to recommend approval of HDRC Case#18-002J as presented, with the stipulation that they use like in-kind materials and that any variations must be approved by HDRC. Vice Chairman Carr seconded the motion. The motion passed 6-0-0.

Other Business

Administrative Approvals since the February 20th meeting:

22 S. Main, vent for a coffee roaster at Hammerhand Coffee. Vice Chairman Carr commented that the windows are not original and agreed it could be administratively approved because there will not be an alteration to the building.

Miscellaneous Matters from Staff

Ms. Thill reminded the Commission that the State Historic Preservation Conference will be in Sedalia on May 2-4 and encouraged anyone interested in attending to fill out the scholarship application. Staff is happy to assist with the application.

Staff also said she received an after-the-fact COA application from 116 W Franklin for their fence, which will be administratively approved as they made like in-kind repairs and didn't change more than fifty percent of the structure. Also, staff

received two other applications that are not quite complete, so the Commission should plan to meet for their next regular meeting on April 17.

Miscellaneous Matters from the Commission

Vice Chairman Carr gave an update on the demolition of the house at 119 S. Terrace Street which took place earlier this month. He has a video and is willing to share. Sixty percent of the interior was saved and will be recycled into other homes here in Liberty. All doors, millwork, appliances and five rooms of oak flooring were saved as well as windows, siding and HVAC. Four rooms of floor joists were also salvaged. The owners plan to reuse the claw foot tubs.

Commissioner Wilson said there has been a gravel driveway added to the front yard of a home on the North side of West Franklin. Staff will check into this.

Staff reported that the house at the corner of Kansas and Jewell has new owners who have indicated they will secure any openings and they intend to rehab the home. Vice Chairman Carr commented that it is not boarded up and it appears people are still living in the home. Staff will let the Chief Building Official know.

The meeting adjourned at 5:55 p.m.

Historic District Review Commission

The City of



HDRC Case No. 18-003J

Staff: Jeanine Thill, Community Development Manager

HDRC Meeting Date: April 17, 2018

GENERAL INFORMATION

Application: Certificate of Appropriateness for in-kind repairs to; windows, sidewalk and porch boards. Removal of non-historic porch columns, replacing them with three round columns. Add storm windows.

Applicant: Will & Holly Mills

Location: 427 E. Mississippi St.

District: Jewell Historic District

NRHP Status/category: Contributing

File Date: April 6, 2018

SPECIFIC INFORMATION

SITE HISTORY

This vernacular two-story house was built around 1908. It is similar to a Foursquare in appearance, but two secondary additions on the back prevent the house from being square in plan. It features a full width porch across the front. The original round porch columns appear to have been replaced with square posts. The windows are one-over-one with simple surrounds.

PROPOSAL DESCRIPTION

The home owners propose to repair the existing windows and add storm windows, remove the non-historic front porch columns replacing them with three composite round columns, replace horizontal porch boards and replace the sidewalks.

- **Porch Materials: Columns:** Round Tuscan style composite columns will be used on the front porch. The existing front porch columns will be replaced with round columns. **Railing:** There is no railing on the front. **Horizontal Porch Boards:** To match existing. **Stairs:** Cedar.
- **Windows:** In-kind repairs & add storm windows
- **Sidewalks:** In-kind replacement

ANALYSIS

Unified Development Ordinance (“UDO”) - The Unified Development Ordinance outlines design principles that have been adopted for all historic districts and landmarks in the City of Liberty.

Design Guidelines (“DG”) - Design Guidelines were established to give the HDRC general guidance in making subjective preservation choices in accordance with accepted best practices and the Secretary of the Interior standards for historic preservation.

DG: Sec. 30-72. District HP, design principles.	
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2. *Alterations: Alterations shall restore a structure's original elements, materials, and appearance, if economically or physically feasible. Alterations affecting the exterior of a structure shall preserve all significant original exterior elements, including building materials, doors, windows, and decorative elements. Elements that are not original, but which may have acquired significance by virtue of age or craftsmanship, shall also be preserved. Alterations that disguise or sheath original elements and materials will not be permitted. Storefronts and commercial building facades shall be treated as a whole, and alterations to the first floor should be compatible with the upper floor(s).*

Staff Analysis: The proposed alterations will preserve all significant original exterior elements, and will restore the front porch columns to the original appearance.

8. *Porches: Porches, porticos, stoops, entryways, loading docks and exterior stairways shall be of a scale, design, material, and color that complement the existing façade and its individual elements.*

Staff Analysis: The porch columns and horizontal board replacement are appropriate and will restore the original appearance to the front porch.

STAFF RECOMMENDATION

The application meets the standards for review and guidelines; therefore staff recommends approval of HDRC case #18-003J.

ATTACHMENTS

- Exhibit A: Vicinity Map
- Exhibit B: Inventory Data Sheet
- Exhibit C: Existing Conditions Columns
- Exhibit D: Existing Conditions porch boards & windows
- Exhibit E: Existing Conditions windows & sidewalk
- Exhibit F: Manufacturers product info. Permacast Columns





HDRC Case #18-003J
427 E Mississippi



EXHIBIT A:
VICINITY MAP

MISSOURI OFFICE OF HISTORIC PRESERVATION

ARCHITECTURAL/HISTORIC INVENTORY SURVEY FORM

<p>1. NO. Roll C #8</p> <p>2. COUNTY Clay</p> <p>LOCATION OF NEGATIVES Liberty City Hall-Comm. Dev.</p>	<p>4. PRESENT LOCAL NAME(S) OR DESIGNATION(S) 427 Mississippi</p> <p>5. OTHER NAME(S)</p>	<p>1. NO. Roll C #8</p> <p>2. COUNTY Clay</p> <p>4. PRESENT LOCAL NAME(S) OR DESIGNATION(S) 427 Mississippi</p> <p>5. OTHER NAME(S)</p> <p>6. TOWNSHIP</p> <p>RANGE</p> <p>SECTION</p>										
<p>6. SPECIFIC LEGAL LOCATION TOWNSHIP _____ RANGE _____ SECTION _____ IF CITY OR TOWN, STREET ADDRESS</p> <p>7. CITY OR TOWN IF RURAL, VICINITY Liberty, Missouri</p> <p>8. DESCRIPTION OF LOCATION</p> <div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p style="text-align: center;">↑N</p> <p style="text-align: center; font-size: 2em;">Mississippi</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">427</td> <td style="width: 10%;"></td> </tr> </table> </div> <p>9. COORDINATES UTM LAT _____ LONG _____</p> <p>10. SITE () STRUCTURE () BUILDING (X) OBJECT ()</p> <p>11. ON NATIONAL REGISTER? YES () NO (X)</p> <p>12. IS IT ELIGIBLE? YES () NO (X)</p> <p>13. DIST. OF ESTAB. YES () HIST. DISTRICT? NO (X)</p> <p>14. DISTRICT POTENTIAL? YES () NO ()</p> <p>15. NAME OF ESTABLISHED DISTRICT</p>	427										<p>16. THEMATIC CATEGORY Architecture</p> <p>17. DATE(S) OR PERIOD c. 1908</p> <p>18. STYLE OR DESIGN Vernacular: American 4 Square</p> <p>19. ARCHITECT OR ENGINEER unknown</p> <p>20. CONTRACTOR OR BUILDER unknown</p> <p>21. ORIGINAL USE, IF APPARENT residence</p> <p>22. PRESENT USE residence</p> <p>23. OWNERSHIP PUBLIC () PRIVATE (X)</p> <p>24. OWNER'S NAME AND ADDRESS IF KNOWN Alumni Zeta Ph. c/o Richard Wertz Liberty, MO</p> <p>25. OPEN TO PUBLIC? YES () NO (X)</p> <p>26. LOCAL CONTACT PERSON OR ORGANIZATION Liberty, MO; Community Develop.</p> <p>27. OTHER SURVEYS IN WHICH INCLUDED</p>	<p>28. NO. OF STORIES 4</p> <p>29. BASEMENT? YES () NO ()</p> <p>30. FOUNDATION MATERIAL stone</p> <p>31. WALL CONSTRUCTION frame</p> <p>32. ROOF TYPE AND MATERIAL hip/asphalt shingle</p> <p>33. NO. OF BAYS FRONT 2 SIDE 3</p> <p>34. WALL TREATMENT clapboard</p> <p>35. PLAN SHAPE rectangular</p> <p>36. CHANGES (EXPLAIN IN NO. 42) ADDITION () ALTERED () MOVED () none</p> <p>37. CONDITION INTERIOR unknown EXTERIOR good</p> <p>38. PRESERVATION UNDERWAY? YES () NO (X)</p> <p>39. ENDANGERED? BY WHAT? YES () NO (X)</p> <p>40. VISIBLE FROM PUBLIC ROAD? YES (X) NO ()</p> <p>41. DISTANCE FROM AND FRONTAGE ON ROAD 20' Mississippi</p>
427												
<p>42. FURTHER DESCRIPTION OF IMPORTANT FEATURES</p> <p>This adaptation of an American Four Square has, at its north or main elevation, an open porch supported by classically inspired columns under a wide entablature. Fenestration is double-hung, sash-type with simple entablature surrounds. North fenestration flanked by wooden shutters. Brick chimney, side right.</p>	<p style="font-size: 2em;">X</p> <p style="text-align: center;">PHOTO MUST BE PROVIDED</p>											
<p>43. HISTORY AND SIGNIFICANCE</p> <p>Of a type similar to the Shirtwaist house, this residence is made of readily available materials and has a similar floorplan, elevation and scale.</p>												
<p>44. DESCRIPTION OF ENVIRONMENT AND OUTBUILDINGS</p> <p>Alley to west. Located in a neighborhood consisting of late 19th and early 20th century housing stock.</p>												
<p>SOURCES OF INFORMATION Water permit # 7-1410 5/01/08 Frank G. Pew</p>	<p>46. PREPARED BY C. Millstein/P. Glenn</p> <p>47. ORGANIZATION Liberty-Community Dev.</p> <p>48. DATE SPR. 86</p> <p>49. REVISION DATE(S) Exhibit B</p>											
<p>RETURN THIS FORM WHEN COMPLETED TO: OFFICE OF HISTORIC PRESERVATION P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 PH 314-751-4098</p>												



**353 Cost Breakdown -- 427 E Mississippi
Will and Holly Mills
816-808-2540**



Replace square columns with original style as noted in the picture below. This scope of work was approved by the HDRC in approximately 2011, but was not completed.



**353 Cost Breakdown – 427 E Mississippi
Will and Holly Mills
816-808-2540**

Replace horizontal porch boards on either side of walk.



Repair and/or replace windows and add storm windows.



353 Cost Breakdown – 427 E Mississippi
Will and Holly Mills
816-808-2540



Replace sidewalks



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- [Gallery](#)
- [Product Information](#)
- [Cap and Base Options](#)
- [Installation Kits](#)
- [Column Designer](#)
- [Warranty Info](#)

CUSTOMER SERVICE
800-264-4HBG (4424)
Locate a Dealer

[Home](#) > [Fiberglass Columns](#) > [PermaCast® Porch Columns](#) > Round PermaCast®

Round PermaCast®



HB&G PermaCast® Columns are great for many applications. They can be used as front porch support columns or decorative columns, and are available in both round columns and square columns. Round columns can be fluted or plain, with or without the classic tapering of the upper two-thirds of the column. PermaCast® columns are building code compliant.

[Download Product Information \(PDF\)](#)

[Why PermaCast® Fiberglass Columns](#)

[Cap and Base Options](#)

[Installation Video](#)

[Installation Instructions \(pdf\)](#)

[Installation Kits – Plumb-Fit® System](#)

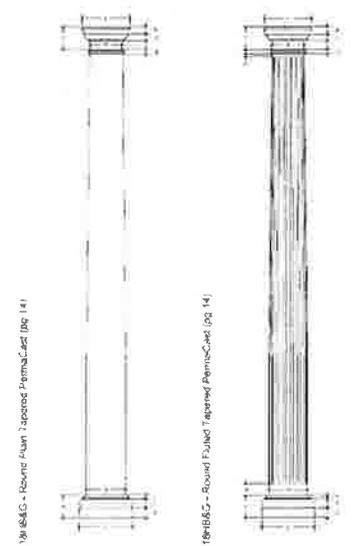
[Column-Loc® Installation System](#)

PERMACAST® ROUND TAPERED

Exhibit F

Col. Size	A	B	C	D	E	F	G	J	K	L	O	N	R	T	LENGTHS AVAILABLE (ft.)
6"	5 3/8"	4 1/8"	9"	1 3/8"	1 3/8"	3/4"	1 1/8"	1 3/8"	8"	1"	6 3/8"	3 3/8"	4 1/8"	4 1/8"	4, 6, 8
8"	7 3/8"	6 1/8"	10 3/8"	1 3/8"	1 3/8"	3/4"	1 1/8"	1 3/8"	9 3/8"	1 1/8"	2 3/8"	4 3/8"	4 3/8"	5, 6, 8, 10, 12	
10"	9 3/8"	8 1/8"	12 3/8"	2 3/8"	2 3/8"	3/4"	1 1/8"	1 3/8"	11 3/8"	1 1/8"	2 3/8"	5 3/8"	5 3/8"	6, 8, 10, 12, 14, 16, 18, 20	
12"	11 3/8"	9 3/8"	14 3/8"	2 3/8"	2 3/8"	3/4"	1 1/8"	1 3/8"	13 3/8"	1 1/8"	2 3/8"	6 3/8"	6 3/8"	6, 8, 10, 12, 14, 16, 18, 20, 22, 24	
14"	13 3/8"	11 3/8"	16 3/8"	3 3/8"	3 3/8"	1 3/8"	1 1/8"	2 3/8"	15 3/8"	1 1/8"	3 3/8"	7 3/8"	7 3/8"	8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28	
16"	15 3/8"	13 3/8"	18 3/8"	4 3/8"	4 3/8"	1 3/8"	1 1/8"	2 3/8"	17 3/8"	1 1/8"	3 3/8"	8 3/8"	8 3/8"	10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30	
18"	17 3/8"	15 3/8"	20 3/8"	4 3/8"	4 3/8"	1 3/8"	1 1/8"	2 3/8"	19 3/8"	1 1/8"	3 3/8"	9 3/8"	9 3/8"	10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34	
20"	19 3/8"	17 3/8"	22 3/8"	4 3/8"	4 3/8"	1 3/8"	1 1/8"	2 3/8"	21 3/8"	1 1/8"	3 3/8"	10 3/8"	10 3/8"	10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36	
22"	21 3/8"	19 3/8"	24 3/8"	5 3/8"	5 3/8"	1 3/8"	1 1/8"	3 3/8"	23 3/8"	1 1/8"	3 3/8"	11 3/8"	11 3/8"	10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38	
24"	23 3/8"	21 3/8"	26 3/8"	5 3/8"	5 3/8"	1 3/8"	1 1/8"	3 3/8"	25 3/8"	1 1/8"	3 3/8"	12 3/8"	12 3/8"	12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40	
28"	28"	24 3/8"	31 3/8"	6 3/8"	6 3/8"	2 3/8"	2 3/8"	4 3/8"	33 3/8"	1 1/8"	4 3/8"	15 3/8"	15 3/8"	20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44	
30"	29 3/8"	26 3/8"	33 3/8"	6 3/8"	6 3/8"	2 3/8"	2 3/8"	4 3/8"	35 3/8"	1 1/8"	4 3/8"	16 3/8"	16 3/8"	20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46	

* There may be a variance of up to 1/4" in all dimensions. Fluted columns available in all diameters. □ Standard Fluted Column (Fluted in mold)
 • Split columns are not load bearing.

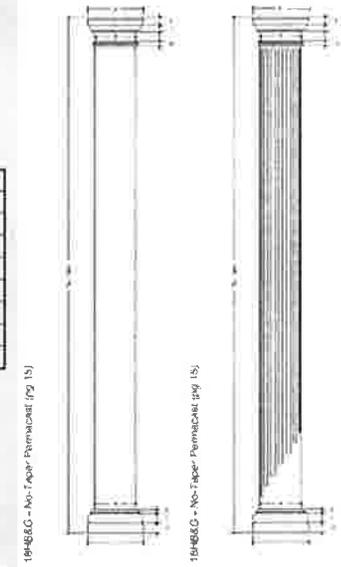


PERMACAST® ROUND, NON-TAPERED

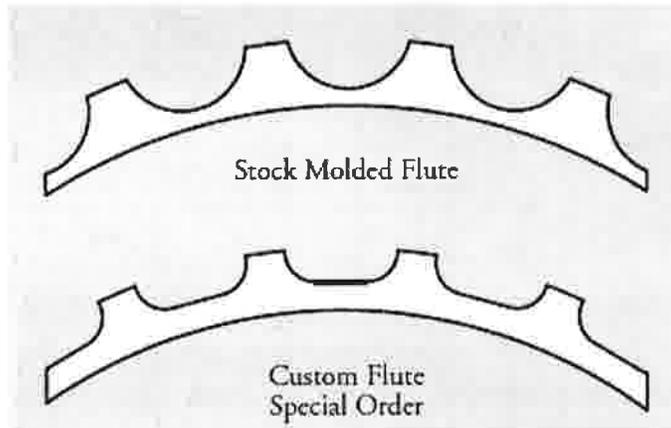
ROUND NO-TAPER PERMACAST® COLUMN DIMENSIONS (IN INCHES)

Col. Size	A	B	C	D	E	F	G	J	K	L	Lengths Available (ft.)
6"	5-5/8"	5-5/8"	7-3/4"	1-0/8"	1-1/8"	9/16"	3/4"	5/8"	1-1/8"	8-1/4"	8, 9
8"	7-5/8"	7-5/8"	10-1/2"	1-7/16"	1-3/4"	3/4"	3/4"	1-1/4"	1-1/2"	10-5/8"	6, 8, 9, 10
10"	9-3/8"	9-5/8"	13-1/8"	2-3/16"	2-1/8"	3/4"	3/4"	1-1/4"	1-3/4"	12-1/16"	6, 8, 9, 10, 12
12"	11-5/8"	11-5/8"	16-1/2"	2-7/8"	2-5/8"	7/8"	13/16"	1-1/4"	2"	15-7/8"	6, 8, 9, 10, 12
14"	13-5/8"	13-5/8"	19-1/2"	3-3/8"	3-1/8"	1-1/8"	7/8"	2-1/4"	3"	19-1/8"	6, 8, 9, 10, 12, 14
16"	15-3/4"	15-3/4"	22-1/8"	4"	3-1/2"	1-1/8"	1"	2-1/4"	2-3/4"	22"	6, 8, 9, 10, 12, 14, 16, 18, 20
18"	17-1/2"	17-1/2"	24-5/8"	4"	4"	1-5/8"	1-1/8"	2-3/4"	3-1/8"	24-5/8"	6, 8, 9, 10, 12, 14, 16, 18, 20
24"	24"	24"	33-1/2"	5-3/4"	5-1/4"	2-3/16"	2-3/16"	3-1/2"	4-1/8"	33-3/8"	8, 9, 10, 12, 14, 16, 18, 24

Neck mould not included.
 Flashing and Installation Kit not available with No-Taper Tuscan cap and base sets.
 • Split columns are not load bearing.



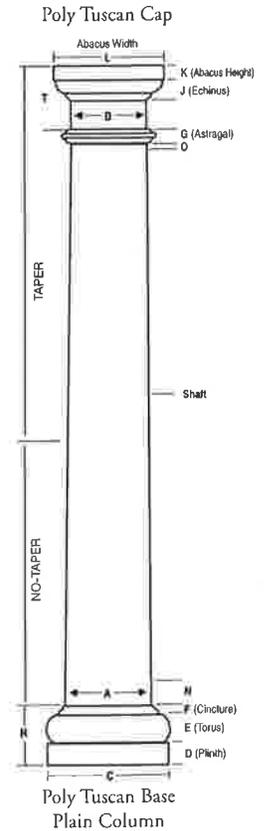
TWO DISTINCTIVE TYPES OF FLUTES



Round **PERMA**Cast® Columns

COL. SIZE	A	B	C	D	E	F	G	J	K	L	O	N	R	T	LENGTHS AVAIL. (ft.)
6"	5 1/4"	4 1/4"	9"	1 1/8"	1 1/8"	3/8"	3/4"	1 1/4"	1 1/4"	8"	1"	6 1/4"	3 3/8"	4 1/8"	4.6, 8
8"	7 1/4"	6 1/4"	10 1/2"	1 1/4"	1 1/4"	3/4"	3/4"	1 1/4"	1 1/4"	9 1/4"	1 1/2"	2 1/4"	4 3/4"	4 1/2"	5.6, 8, 10, 12
10"	9 1/4"	8 1/4"	13 1/2"	2"	2 1/4"	3/4"	3/4"	1 1/4"	1 1/4"	11 1/4"	3/4"	2 1/4"	5 1/4"	5"	6.6, 8, 10, 12, 14, 16, 18, 20
12"	11 1/4"	9 1/4"	16 1/2"	2 1/4"	2 3/4"	3/4"	3/4"	1 1/4"	2 1/4"	13 1/4"	3/4"	2 3/4"	6 1/4"	5 3/4"	6.6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26
14"	13 1/4"	11 1/4"	19 1/2"	3"	3 1/4"	1 1/4"	3/4"	2"	2 1/4"	17"	3/4"	2 3/4"	7 1/4"	7"	8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28
16"	15 1/4"	13 1/4"	22 1/2"	4"	3 3/4"	1 1/4"	1"	2 1/4"	3"	19 1/4"	1"	3"	8 3/4"	8"	8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30
18"	17 1/4"	15 1/4"	24 1/2"	4"	4"	1 1/4"	1 1/4"	2 1/4"	3 1/4"	22 1/4"	1 1/2"	10 1/4"	9 3/4"	8 3/4"	10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30
20"	19 1/4"	17 1/4"	27"	4 1/4"	4 1/2"	2"	1 1/8"	2 1/4"	3 3/4"	24 1/4"	1 1/2"	10 1/4"	11 1/4"	9"	10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30
22"	21 1/4"	19 1/4"	30 1/4"	5"	4 3/4"	2"	1 3/8"	3"	3 3/4"	27 1/4"	1 1/2"	10 1/4"	12 1/4"	10 1/4"	12, 14, 16, 18, 20, 22, 24, 26, 28, 30
24"	23 1/4"	21 1/4"	33 1/4"	5 1/4"	5 1/4"	2 1/8"	2 1/8"	3 1/2"	4 1/4"	30 1/4"	1 1/2"	10 1/4"	13 1/4"	11 1/4"	12, 14, 16, 18, 20, 22, 24, 26, 28, 30
28"	28"	24 1/4"	38"	6 1/4"	6"	2 1/4"	2 1/4"	3 3/4"	4 1/4"	33 1/4"	1 1/2"	10 1/4"	15 1/4"	11 1/4"	20, 22, 24, 26, 28, 30
30"	29 1/4"	26 1/4"	41 1/4"	6 1/2"	5 3/4"	2 1/2"	3 1/8"	4"	4 1/4"	38 1/4"	1 1/2"	10 1/4"	14 1/4"	14 1/4"	20, 22, 24, 26, 28, 30

*There may be a variance of up to 1/4" in all dimensions. Fluted columns available in all diameters. See page 16 for Parallel dimensions. See page 18 for Decorative Capital dimensions. □ Standard Fluted Column (Fluted in mold)
 • Split columns are not load bearing.



COLUMN-LOC®

Column-Loc® creates a continuous connection from floor to beam/header without the expense of splitting and reattaching the column. This labor saving product is easy to install and delivers wind uplift resistance especially important in coastal and high wind areas. Currently available for 8" and 10" round (tapered and no-taper) and square PermaCast® and square PermaCast® columns. Kits are available with and without threaded rod in lengths up to 12'.



PLUMB-FIT®

To make installation even easier our 6"-12" round and square poly Tuscan Cap and Base Sets with flashing cap now come with the Plumb-Fit® patented* installation system included.

ROUND PERMACAST® PORCH INSTALLATION BRACKET

The HB&G® Porch Installation Bracket includes the bracket and all required hardware. The bracket fits 20" - 30" Plain Round PermaCast® Columns and will secure a 2nd story porch to our PermaCast® Columns. Three brackets are required for each column.



*Patent 9689674

ROUND PERMACAST® INSIDE DIMENSIONS

Inside dimension may vary up to 1/8". Splitting a column will decrease inside dimension 1/8".



COLUMN SIZE	TOP I.D.	BOT I.D.
6"	3 3/4"	4 1/4"
8"	5 1/2"	6 1/4"
10"	7 1/4"	8 1/4"
12"	8 3/4"	10 1/4"
14"	10 1/4"	12 1/4"
16"	12 1/4"	15"
18"	14 1/4"	16 1/4"
20"	16 1/4"	19"
22"	18 1/4"	20 1/4"
24"	20 1/4"	22 1/4"
28"	22"	26 1/4"
30"	25 1/4"	28 1/4"

*Plain columns only

