



July 15, 2025

Lauren Plouff  
Broaddus & Associates  
2330 Bloomdale Rd  
McKinney, TX 75071

Subject: Collin County Healthcare Facility, Parking Garage, and Medical Examiners  
PCO No. 045; RFI #161 PG Pipe Protection

Dear Lauren:

Please find the attached Request for Change (PCO) No. 045. This proposal is submitted for an Add of Twenty-Eight Thousand Nine Hundred and Eight Dollars (\$28,908.00), reflective of the following items:

- **Per RFI #161 response for added pipe protection material for the Parking Garage exposed piping.**
- **Added material and labor cost associated with the plumbing scope of work.**
  - **Cost effective pricing submitted is for proposed alternate ProGuard material in lieu of the basis of design Beacon specified in the RFI response.**
- ***This PCO will be an increase to our contract in the amount of \$28,908.***

**We have not proceeded with this change.** Please sign the attached request for change recap indicating approval of this change.

Sincerely,

Jim Terhune

Digitally signed by Jim Terhune  
DN: cn=Jim Terhune, email=JTerhune@christman.com, o=The  
Christman Company, ou=Jim Terhune  
Date: 2025.07.15 11:28:00 -0500

Jim Terhune  
Sr. Project Manager

CC: Peter Hernandez , PGAL

☐ Collin County

☐ PGAL - Dallas (Addison)

☐ Project Manager

☐ Accounting

**Project:**

224057- Collin County Medical Campus  
2300 Bloomdale Rd  
McKinney, TX 75071

**Owner :**

Collin County  
2300 Bloomdale Rd; Suite 3160  
McKinney, TX 75071

**From:**

The Christman Company

**Issue No. 045 - RFI #161 PG Pipe Protection**

**Amount**

**Item: I Parking Garage**

| Phase    | Description                   | Abbreviation | Amount    |
|----------|-------------------------------|--------------|-----------|
| 27 -     | Plumbing                      | SUBS         | 27,076.00 |
| 41 -4110 | Payment and Performance Bonds | OTHER        | 230.00    |
| 41 -4120 | Builder's Risk Insurance      | OTHER        | 22.00     |
| 60 -     | Overhead & Profit             | OTHER        | 1,377.00  |
| 99 -     | General Liability Insurance   | OTHER        | 203.00    |

**Subtotal Item I 28,908.00**

0.00

**Request for Change Total:**

**\$28,908.00**

**Qualifications:**

1. This Issue is ☒ Original ☐ Revised ☐ Budget Only ☐ Firm Quotation.
2. Contract time will be ☐ Increased by ☐ Decreased by ( ) work days; ☒ Unchanged ☐ Other: \_\_\_\_\_
3. The Christman Company ☐ has ☒ has not proceeded with the work, and this Issue must be accepted within ( ) work days.
4. Funded by ☒ Contract change ☐ Allowance ☐ Contingency ☐ Other: \_\_\_\_\_

**Owner and/or Architect Action:**

- ☐ Approved ☐ Proceed as described above (cost and schedule changes to be finalized under a revised Issue)
- ☐ Rejected ☐ Other: \_\_\_\_\_

**Authorization:**

The Owner and/or Architect hereby direct The Christman Company to proceed with the performance of the work as described above and/or in any additional documents referenced herein. It is understood that the amount of this Request for Change, if noted as "Budget Only" under Qualification I., will be revised as necessary upon determination of final costs and included in the next Owner Change Order accordingly. If noted as "Firm Quotation" under Qualification I., the amount of this Request will be included in the next Owner Change Order. In addition, all costs included herein may be included in the next payment application as if they had been included in an Owner Change Order or Construction Change Directive.

See comments for cost and time adjustments

**Authorized By Owner:**

Collin County  
2300 Bloomdale Rd; Suite 3160  
McKinney, TX 75071

**Accepted By Architect**

PGAL - Dallas (Addison)  
14135 Midway Road, Suite G-200  
Addison TX 75001

**Submitted By Contractor:**

The Christman Company

**By:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**By:** Tim Konganda

**Date:** \_\_\_\_\_

**By:** \_\_\_\_\_

**Date:** \_\_\_\_\_



1275 Valley View Lane, Irving Texas, 75061  
TECL #30320 - TACLA#15355E - TSBPE#37799

### Request For Change

**Date:** 7/15/2025 **RFC#:** 15

**To:** The Christman Company

**Address:** 130 E. John Carpenter Freway, Ste 200  
Irving, TX 75062

**Attn:** Jim Terhune

**Project Name:** Collin County Medical Campus-RFI #17

**Subject:** PG-Proguard Pipe Guards **CEC**  
**Proj. #** ME24-20

**Scope of Change:** Provide and install pipe gaurds in parking garage per  
RFI-161

This pricing is for the Proguard Style protectors

X-ray scanning for post tension is included

Drill costs for X-Ray

Drill time extension  
Work can run in parallel with other work

**RFC Total:** \$27,076 **Time Extension:** 10 Days

**Exclusions:** Overtime  
Tariffs  
price increases  
unforeseen conditions

See Page 2 for Qualifications.  
See attached RFC Recap for Cost breakdown.





**1275 Valley View Lane, Irving Texas, 75061**  
**TECL #30320 - TACLA#42022C - TSBPE#37799**

---

**Qualifications:**

- 1) This Proposal is valid for 15 days. Should approval be received after such time, or work is covered up by other trades prior to approval being received, CEC reserves the right to re-price and address any schedule
- 2) This Proposal includes any appropriate credits.
- 3) This proposal excludes any electrical, fire protection, fire alarm, drywall, roofing, or architectural finishes of any type.
- 4) This Proposal excludes any sawcutting, removal of concrete work or demo of any kind that is not specifically included in the proposal.
- 5) The cost of this change includes only those direct cost that can be identified at this time. There are no impact or ripple costs and no delay cost included in this proposal, unless stated otherwise. Should it be determined at a later date that we are experiencing impact cost because of multiple changes, delays, or other causes beyond our control, we will submit those cost at that time. Therefore, CEC, expressly reserves all rights to additional compensation for schedule changes, performance cost increases, other direct cost, indirect cost, ripple effects, and/or impacts not presently known and or determined directly or indirectly arising out of or related to the subject of this modification, to include appropriate overhead costs, general, managerial and administrative costs and profit
- 6) This proposal is an estimate of the costs to perform the work covered by the change order. The actual cost of the work and related changes could be higher or lower than our current estimate. It should be noted that the above amount is a lump sum price.
- 7) This proposal is fair and equitable for the work requested and a change order should be issued immediately so as not to delay the project. If the proposal does not result in a formal change order to our contract within 15 days, we reserve the right to revise our price.
- 8) This proposal excludes any work not specifically described with-in.
- 9) This proposal includes pricing based on data from MCAA, CEC's previous experience, and from the CEC SOP.
- 10) This proposal accounts for one (1) mobilization / pass of work to accomplish defined scope.
- 11) This proposal is based on working normal business hours and excludes overtime or shift work unless specifically included above. It OT is required the impacts from cumulative OT will be calculated per the MCAA / NECA Tables.

CEC Facilities Group, Mechanical

(sign)

\_\_\_\_\_  
PM Name and Title here

07/15/25

03:26 PM

RFC # 15

Job: Collin County Medical Campus-RFI #170

| HEATING, VENT & AIR COND: |       |          |         | Mtl & Sub | Labor   | Notes                   |
|---------------------------|-------|----------|---------|-----------|---------|-------------------------|
| HVAC Equipment            |       |          |         | \$0       | 0       |                         |
| HVAC Misc Items           |       |          |         | \$12,680  | 95      |                         |
|                           |       |          |         |           |         |                         |
| Ref Piping                |       |          |         | \$0       | 0       |                         |
| Ch Wtr Bel                |       |          |         | \$0       | 0       |                         |
| Ch Wtr Abv                |       |          |         | \$0       | 0       |                         |
| Htng Wtr Bel              |       |          |         | \$0       | 0       |                         |
| Htng Wtr Ab               |       |          |         | \$0       | 0       |                         |
| Cond Wtr Bel              |       |          |         | \$0       | 0       |                         |
| Cond Wtr Ab               |       |          |         | \$0       | 0       |                         |
| Chem Feed                 |       |          |         | \$0       | 0       |                         |
| Steam Piping              |       |          |         | \$0       | 0       |                         |
| Cond Return               |       |          |         | \$0       | 0       |                         |
| Equip Drain               |       |          |         | \$0       | 0       |                         |
| Ductwork & Accessories    |       |          |         | \$0       | 0       |                         |
| Duct Labor Credit         |       |          |         | \$0       | 0       |                         |
| Misc                      |       |          |         | \$0       | 0       |                         |
|                           |       |          |         |           |         |                         |
| Excavation                |       |          |         | \$0       | 0       |                         |
| Demolition                |       |          |         | \$0       | 0       |                         |
|                           |       |          |         |           |         |                         |
| Rental Equipment          |       |          |         | \$0       |         | ***                     |
| Small Tools               | 0.0%  | 4648     |         | \$0       |         | ***                     |
| Consumables               | 0.0%  | 4648     |         | \$0       |         | ***                     |
|                           |       |          |         |           |         |                         |
| Sales Tax                 | 0.00% | \$12,680 |         | \$0       |         | *** Material / Equip    |
| Sales Tax                 | 0     |          |         | \$0       |         | *** Rentals, Cons.Tools |
|                           |       |          |         |           |         |                         |
| Subcontractors            |       |          |         | \$1,000   |         | ***                     |
| Matl Hand.                |       |          |         | \$0       | 5       |                         |
| Safety                    |       |          |         | \$0       | 5       |                         |
| QA/QC                     |       |          |         | \$0       | 2       |                         |
| Clean-up                  |       |          |         | \$0       | 4       |                         |
| Warranty/hrs              |       | \$12,680 |         | \$380     | 0       |                         |
| Permits                   |       |          |         | \$0       | ***     | ***                     |
| W'house/trip              | \$125 | 0        |         | \$0       |         | ***                     |
| Overtime Prod Loss        |       |          |         |           | 0       | ***                     |
|                           |       |          |         |           |         |                         |
| SUBTOTALS                 |       |          |         | \$14,060  | 111 hrs |                         |
| Labor:                    |       |          |         |           |         |                         |
|                           |       | (Rate)   | (Hrs)   |           |         |                         |
| HVAC                      |       | \$42.00  | 111     | \$4,648   |         |                         |
| Prem Time                 |       | \$21.00  | 0       | \$0       |         |                         |
| Superintendent            |       | \$55.00  | 3       | \$152     |         |                         |
| Crew FMN                  |       | \$45.00  | 33      | \$1,494   |         |                         |
| P/R Burden                |       | 45.0%    | \$6,294 | \$2,832   |         |                         |
|                           |       |          |         |           |         |                         |
| TOTAL HVAC LABOR          |       |          |         | \$9,126   |         |                         |
|                           |       |          |         |           |         |                         |
| TOTAL HVAC COST           |       |          |         | \$23,186  |         |                         |

**CEC Facilities Group**

1275 Valley View Lane  
Irving, Texas 75061  
Tel: 817-734-0040

**SUMMARY SHEET**

Est No: 15

Job: Collin County Medical Campus-RFI #170

|                                      |                    | <b>Plumbing</b> |                    | <b>HVAC</b>   |                      | <b>Total</b>  |                 |
|--------------------------------------|--------------------|-----------------|--------------------|---------------|----------------------|---------------|-----------------|
| Equipment/Fixtures                   |                    | \$0             |                    | \$12,680      |                      | \$12,680      |                 |
| Materials                            |                    | \$0             |                    | \$0           |                      | \$0           |                 |
| Labor Hours                          |                    | 0 Hrs           |                    | 147 Hrs       |                      | 147           |                 |
| Labor Cost                           |                    | \$0             |                    | \$9,126       |                      | \$9,126       |                 |
| Subcontractors                       |                    | \$0             |                    | \$1,000       |                      | \$1,000       |                 |
| Rental Equipment                     |                    | \$0             |                    | \$0           |                      | \$0           |                 |
| ODJC                                 |                    | \$0             |                    | \$380         |                      | \$380         |                 |
| BIM                                  |                    | \$0             |                    | \$0           |                      | \$0           |                 |
| Sales Tax                            |                    | \$0             |                    | \$0           |                      | \$0           |                 |
| <b>Subtotal</b>                      |                    | <b>0</b>        |                    | <b>23,186</b> |                      | <b>23,186</b> |                 |
|                                      |                    | Time            |                    | Time          |                      |               |                 |
| Office / mo.                         | \$500              | 0               | \$0                | 0             | \$0                  | 0             | \$0             |
| Job Veh / wk                         | \$350              | 0               | \$0                | 0             | \$0                  | 0             | \$0             |
| Trash / mo                           | \$200              | 0               | \$0                | 0             | \$0                  | 0             | \$0             |
| FUEL                                 | \$300              | 0               | \$0                | 0             | \$0                  | 0             | \$0             |
| Reprographics                        | \$75               | 0               | \$0                | 0             | \$0                  | 0             | \$0             |
| Detailing /Hr                        | \$75               | 0               | \$0                | 9             | \$660                | 9             | \$660           |
| Estimating /hr                       | \$75               | 0               | \$0                | 4             | \$275                | 4             | \$275           |
| Proj Mgr / hr                        | \$75               | 0               | \$0                | 6             | \$440                | 6             | \$440           |
| Trav/trips                           |                    |                 | \$0                |               | \$0                  | 0             | \$0             |
| <b>TOTAL COST</b>                    |                    |                 | <b>\$0</b>         |               | <b>\$24,561</b>      |               | <b>\$24,561</b> |
| <b>CEC Cost (No subcontractors)</b>  |                    |                 | <b>\$0</b>         |               | <b>\$23,561</b>      |               | <b>\$23,561</b> |
| Overhead                             | 5.0%               |                 | \$0                | 5.0%          | \$1,178              |               | \$1,178         |
| <b>SUB TOTALS</b>                    |                    |                 | <b>\$0</b>         |               | <b>\$24,739</b>      |               | <b>\$24,739</b> |
| Profit                               | 5.0%               |                 | \$0                | 5.0%          | \$1,237              |               | \$1,237         |
| <b>CEC Total (No subcontractors)</b> |                    |                 | <b>\$0</b>         |               | <b>\$25,976</b>      |               | <b>\$25,976</b> |
| <b>SubContractor</b>                 |                    |                 | <b>\$0</b>         |               | <b>\$1,000</b>       |               | <b>\$1,000</b>  |
| Subcontractor M/U                    | 10.0%              |                 | \$0                | 10.0%         | \$100                |               | \$100           |
| <b>Subcontractor Total</b>           |                    |                 | <b>\$0</b>         |               | <b>\$1,100</b>       |               | <b>\$1,100</b>  |
| <b>TOTALS</b>                        |                    |                 | <b>\$0</b>         |               | <b>\$27,076</b>      |               | <b>\$27,076</b> |
| Perf Bond Prem                       | (NO BOND REQ)<br>n |                 | <b>NO BOND REQ</b> |               | <b>NO BOND REQ</b>   |               | 0               |
|                                      |                    |                 | <b>\$0 Plumb</b>   |               | <b>\$27,076 HVAC</b> |               | <b>\$27,076</b> |

**RFC TOTAL--> \$27,076**





PARKING GARAGE OUTFITTERS

**Proguard Pacific**

BN 846887941

#21 - 1850 Kingsway Ave

Port Coquitlam British Columbia V3C 1S6

Canada

# QUOTE

# 07112025-EST

Bill To

**CEC Facilities Group**

2450 Valley View Lane

Irving

75062 Texas

U.S.A

Estimate Date : 2025/07/07

Expiry Date : 2025/07/21

Reference# : CCMC

| # | Item & Description                                                                                                                                                                 | Qty           | Rate   | Amount   |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------|----------|
| 1 | Protective Guard_Pillar Mount_Custom<br>Location B3 & B7<br>- 36" wide x 24" deep<br>- Standard height of 42" tall<br>- Includes mounting feet<br>- Powder coated safety yellow    | 12.00<br>Each | 597.27 | 7,167.24 |
| 2 | Protective Guard_Pillar Mount_Custom<br>Location C3<br>- 30" wide x 48" deep<br>- Standard height of 42" tall<br>- Includes mounting feet<br>- Powder coated safety yellow         | 2.00<br>Each  | 675.36 | 1,350.72 |
| 3 | Protective Guard_Outside Corner Mount_Custom<br>Location C3<br>- 12" wide x 24" deep<br>- Standard height of 42" tall<br>- Includes mounting feet<br>- Powder coated safety yellow | 2.00<br>Each  | 527.62 | 1,055.24 |
| 4 | 3/8" x 3.0" Wedge Anchor Installation Kit (x6)<br>SKU : PGP-InstallationKit-WA-(x6)-3/8_3.0                                                                                        | 16.00<br>Each | 10.74  | 171.84   |
| 5 | 3/8" x 3.75" Wedge Anchor Installation Kit (x4)<br>SKU : PGP-InstallationKit-WA-(x4)-3/8_3.75                                                                                      | 8.00<br>Each  | 8.45   | 67.60    |
| 6 | Brokerage & Customs                                                                                                                                                                | 1.00<br>Each  | 366.03 | 366.03   |
| 7 | Tariffs & Fees<br>PLEASE NOTE: Tariffs and fees are estimated based on current rates and are                                                                                       | 1.00<br>Each  | 932.82 | 932.82   |

\*COMPANY BASED  
IN CANADA

View All >> Standard Pipe Protection Products

## PROTECTIVE GUARD - PILLAR MOUNT

Note: All Prices are in Canadian dollars.

### PILLAR MOUNT PROTECTIVE GUARD

Ranging in sizes from 12"- 36" Wide x 12"- 36" Deep  
(PGP-PWLD-1212-1)

**Pricing starting at \$422.10**

Email [sales@proguardpacific.ca](mailto:sales@proguardpacific.ca) for more information.

### Specifications:

Width 12"- 36" (305mm - 915mm) inside dimension / Depth 12"-

36" (305mm-915mm) inside dimension

Height 42" (1067mm)

Heavy Duty 2" (50 mm) x 3/8" (10 mm) thick mounting tabs and bars

Heavy Duty 2 1/2" (64 mm) x 3/16" (5 mm) thick vertical support

frame with 1/2" (12mm) thick feet

Eight heavy duty formed mounting tabs and feet include provisions for 3/8" (10 mm) mounting hardware

Finished in durable, all-weather 'Gloss Safety Yellow' powder coating

Weight 75+ lbs / 34+ kg

The Pillar Mounted Protective Guard (ranging in sizes from 12"- 36" Wide x 12"- 36" Deep) is intended to guard electrical wires, plumbing and gas pipes, gutter downspouts and other miscellaneous items against damage in an application where a standard 'off the shelf' unit will not suit the needed application.

This variation of the Pillar Mounted Protective Guard can be easily mounted to concrete, wood framing, or any other durable wall material from its eight mounting points. The open-concept design of this model allows for easy access to any item once installed (ie: faucets, water shut-off valves, electrical plugs, etc.). This design and included installation instructions allow for easy installation.

Welded and assembled by certified CWB welders & fabricators

Made in Canada using environmentally conscious practices

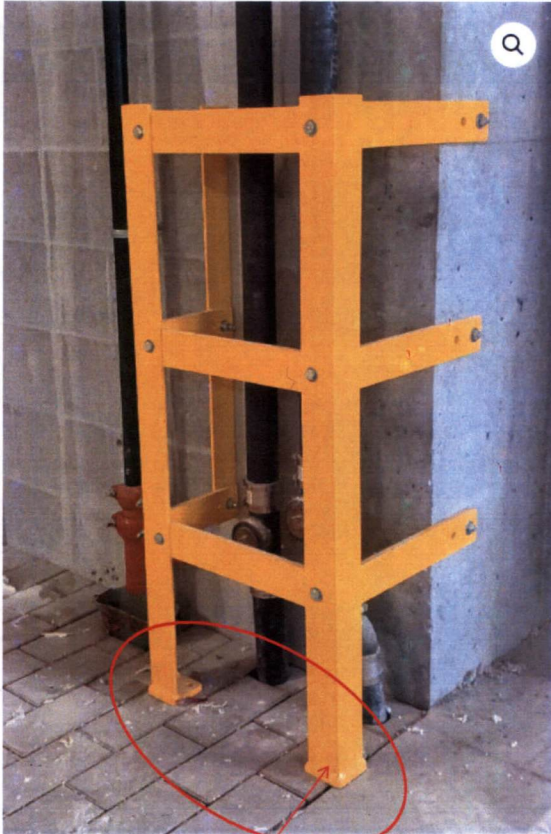
Open-concept design allows for easy installation and access to any item once installed (ie: faucets, water shut-off valves, etc.)

Intended to guard electrical wires, plumbing and gas pipes, gutter downspouts and other miscellaneous items against damage in an application where a standard 'off the shelf' unit will not suit the needed application

DO NOT BOI FEET INTO THE SLAB AS  
CONFIRMED IN THE CAD MEETING  
07/01/25

GC NEEDS TO COORDINATE THOSE ANCHORING POINTS  
OUR MAIN CONCERN WOULD BE THE FRAME FEET GOING  
INTO THE FLOOR AND ITS REBAR OR PT CABLES; AS WELL  
AS WITH THE COLUMN REBAR. WE UNDERSTAND THE  
X-RAY SCANNING IS INCLUDED FOR THIS PROCESS, ITS  
JUST SOMETHING WE NEED TO BE EXTRA CAREFUL.





DO NOT BOLT FEET INTO THE SLAB AS  
CONFIRMED IN THE LAST MEETING!  
07-21-25

GC NEEDS TO COORDINATE THOSE ANCHORING POINTS OUR MAIN CONCERN WOULD BE THE FRAME FEET GOING INTO THE FLOOR AND ITS REBAR OR PT CABLES; AS WELL AS WITH THE COLUMN REBAR. WE UNDERSTAND THE X-RAY SCANNING IS INCLUDED FOR THIS PROCESS, ITS JUST SOMETHING WE NEED TO BE EXTRA CAREFUL.

View All >> Standard Pipe Protection Products

## PROTECTIVE GUARD – OUTSIDE CORNER MOUNT

Note: All Prices are in Canadian dollars.

### OUTSIDE CORNER MOUNT PROTECTIVE GUARD

Ranging in sizes from 12"- 36" Wide x 12"- 36" Deep  
(PGP-OCWLD-1212-1)

**Pricing starting at \$422.10**

Email [sales@proguardpacific.ca](mailto:sales@proguardpacific.ca) for more information.

### Specifications:

- Width 12"- 36" (305mm - 915mm) inside dimension / Depth 12"- 36" (305mm-915mm) inside dimension
- Height 42" (1067mm)
- Heavy Duty 2" (50 mm) x 3/8" (10 mm) thick mounting tabs and bars
- Heavy Duty 2 1/2" (64 mm) x 3/16" (5 mm) thick vertical support frame with 1/2" (12mm) thick feet
- Heavy Duty 2 1/2" (64 mm) x 3/16" (5 mm) thick vertical wall / pillar mount bracket
- Eight heavy duty formed mounting tabs and feet include provisions for 3/8" (10 mm) mounting hardware
- Finished in durable, all-weather 'Gloss Safety Yellow' powder coating
- Weight 75+ lbs / 34+ kg

The Outside Corner Mounted Protective Guard (ranging in sizes from 12"- 36" Wide x 12"- 36" Deep) is intended to guard electrical wires, plumbing and gas pipes, gutter downspouts and other miscellaneous items against damage in an application where a standard 'off the shelf' unit will not suit the needed application.

This variation of the Outside Corner Mounted Protective Guard can be easily mounted to concrete, wood framing, or any other durable wall material from its eight mounting points. The open-concept design of this model allows for easy access to any item once installed (ie: faucets, water shut-off valves, electrical plugs, etc.). This design and included installation instructions allow for easy installation.

| # | Item & Description | Qty | Rate | Amount |
|---|--------------------|-----|------|--------|
|---|--------------------|-----|------|--------|

subject to change without notice. Final amounts will be adjusted as needed to reflect the confirmed rates provided by the customs broker. Any additional charges will be billed directly to the credit card on file.

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |          |          |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------|
| 8 | <b>Delivery to Site (15 minute offload with customer provided forklift)</b><br>SKU : PGP-Delivery-1<br>Coolin County Medical Campus<br>2330 Bloomdale Rd.<br>McKinney, Texas<br>75071, USA<br>PLEASE NOTE: Shipping is an estimate based on current shipping rates.<br>Shipping charges may change at time of shipping or if site/delivery conditions are not as discussed. The shipping estimate is based on (x1) 48" x 48" pallet with a total shipment weight of 1750 lbs. | 1.00<br>Each | 1,067.87 | 1,067.87 |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------|

Sub Total 12,179.36

Total Taxable Amount 12,179.36

USA (0%) 0.00

**Total \$12,179.36**

## Notes

Thanks for trusting us with all your parking garage needs.  
 Proguard Pacific is a subsidiary of Koehn Brothers Industries, Inc.

## Terms & Conditions

- Price is for supply only and does not include delivery or shipping to site, unless otherwise specified.
- It is the responsibility of the contractor/customer to provide the appropriate lifting equipment (i.e., forklift, material handler, etc.) for offloading of product upon arrival.
- Estimate is valid for (15) days.
- Purchase order and or written approval is required prior to commencing.
- Terms are NET 15 based on approved credit.
- A 30% restocking fee will apply on standard items. Installation hardware, installation accessories (i.e., drill bits) and custom site-specific items are non-refundable.
- A 2.0% per month compounding monthly (yielding 26.8% per annum) fee will apply to overdue invoices from the date of invoicing.
- A 2.4% processing fee is applied to all credit card transactions.



## RFI #161: PG - Garage Bollards

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                                                                                                                     |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Status</b>          | Closed on 04/24/25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |                                                                                                                     |
| <b>To</b>              | Bryan Smith (PGAL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>From</b>            | Cale Caruthers (The Christman Company (DFW))<br>130 E John W. Carpenter Freeway<br>Suite 200<br>Irving, Texas 75062 |
| <b>Date Initiated</b>  | Mar 26, 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Due Date</b>        | Apr 4, 2025                                                                                                         |
| <b>Location</b>        | Parking Garage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Project Stage</b>   | Course of Construction                                                                                              |
| <b>Cost Impact</b>     | Yes (Unknown)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Schedule Impact</b> |                                                                                                                     |
| <b>Spec Section</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Cost Code</b>       |                                                                                                                     |
| <b>Drawing Number</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Reference</b>       |                                                                                                                     |
| <b>Linked Drawings</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                                                                                                                     |
| <b>Received From</b>   | Jim Terhune (The Christman Company (DFW))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |                                                                                                                     |
| <b>Copies To</b>       | Paul Bonnette (PGAL), Aaron Capetillo (The Christman Company (DFW)), Anthony Ferraro (The Broadus Companies), Brad Harris (Collin County), Carolina Haylow (The Christman Company (DFW)), Peter Hernandez (PGAL), Jim Hobbs (PGAL), Kristina Jones (The Broadus Companies), Tim Konganda (PGAL), Rodney Mitchell (The Broadus Companies), Rick Monk (Collin County), Leo Romero (The Christman Company (DFW)), Jim Russell (The Christman Company (DFW)), Bryan Smith (PGAL), Jim Terhune (The Christman Company (DFW)), Pierre Zoungana (PGAL) |                        |                                                                                                                     |

### Activity

|                          |                                                                                                                                                                                                                                                                                                                   |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Question</b>          | <b>Question from Cale Caruthers The Christman Company (DFW) on Wednesday, Mar 26, 2025 at 09:36 AM CDT</b><br>Christman followed up on earlier discussion with PGAL on the potential need for bollards or pipe cages in the garage at storm and fire protection risers. Please investigate and provide direction. |
| <b>Official Response</b> | <b>Response from Bryan Smith PGAL on Thursday, Apr 17, 2025 at 04:47 PM CDT</b><br>Please amend my original PDF of pipe protection locations with the attached.<br><br>Thank you,<br><br><b>Attachments</b><br><a href="#">Pages from CCMC Combined Permit Set 11042024.pdf</a>                                   |
| <b>Official Response</b> | <b>Response from Bryan Smith PGAL on Thursday, Apr 17, 2025 at 04:05 PM CDT</b><br>I apologize for the follow up.<br><br>GC, please ensure all cleanout locations are still accessible with the added protection. Most the manufacturers we have seen will provide pre-manufactured leave outs if necessary.      |



## Official Response

**Response from Bryan Smith PGAL** on Thursday, Apr 17, 2025 at 03:58 PM CDT

Please see the attached PDF for pipe protection locations.

GC to coordinate the anchor locations with the column reinforcement. GC is welcome to propose a similar product if they can find one of equal quality that is less expensive or not affected by tariffs. This will need to be submitted to the design team and County for confirmation prior to approval.

Basis of design is Beacon steel pipe guards. Please see attached product sheet for reference.

**Attachments**

[Steel\\_Pipe\\_Guard\\_Product\\_Sheet.pdf](#), [Pages from CCMC Combined Permit Set 11042024.pdf](#)

## All Replies

**Response from Bryan Smith PGAL** on Thursday, Apr 17, 2025 at 04:47 PM CDT

Please amend my original PDF of pipe protection locations with the attached.

Thank you,

**Attachments**

[Pages from CCMC Combined Permit Set 11042024.pdf](#)

**Response from Bryan Smith PGAL** on Thursday, Apr 17, 2025 at 04:05 PM CDT

I apologize for the follow up.

GC, please ensure all cleanout locations are still accessible with the added protection. Most the manufacturers we have seen will provide pre-manufactured leave outs if necessary.

**Response from Bryan Smith PGAL** on Thursday, Apr 17, 2025 at 03:58 PM CDT

Please see the attached PDF for pipe protection locations.

GC to coordinate the anchor locations with the column reinforcement. GC is welcome to propose a similar product if they can find one of equal quality that is less expensive or not affected by tariffs. This will need to be submitted to the design team and County for confirmation prior to approval.

Basis of design is Beacon steel pipe guards. Please see attached product sheet for reference.

**Attachments**

[Steel\\_Pipe\\_Guard\\_Product\\_Sheet.pdf](#), [Pages from CCMC Combined Permit Set 11042024.pdf](#)

**Response from Brad Harris Collin County** on Wednesday, Mar 26, 2025 at 03:30 PM CDT

There is no information to review. Please provide recommendations for adding bollards with locations and concerns.

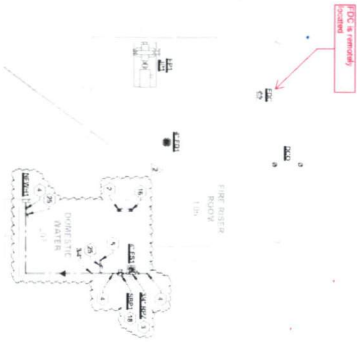
PLEASE PROVIDE PIPE PROTECTION IN EACH OF THE INDICATED AREAS. IF TERRIPS BECOME AN ISSUE TO PROCURE THIS PRODUCT, THE GC CAN SUBMIT AN ALTERNATE PRODUCT FOR REVIEW BY THE DESIGN TEAM AND OWNER AND THEY CAN MAKE A DECISION ON WHICH ONE TO PURCHASE.

GC TO COORDINATE IN THE FIELD THE ANCHOR LOCATIONS TO AVOID CONFLICTS WITH COLUMN REBAR.

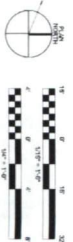


LOWER LEVEL PLUMBING PLAN (Sheet 1)

ENLARGED FIRE RISER ROOM PLUMBING PLAN (Sheet 2)



| P2.01 NOTES BY SYMBOL |                                                                                |
|-----------------------|--------------------------------------------------------------------------------|
| NO.                   | DESCRIPTION                                                                    |
| 1                     | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 2                     | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 3                     | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 4                     | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 5                     | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 6                     | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 7                     | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 8                     | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 9                     | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 10                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 11                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 12                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 13                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 14                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 15                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 16                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 17                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 18                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 19                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 20                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 21                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 22                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 23                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 24                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |
| 25                    | PIPE PROTECTION SHALL BE NO LESS THAN 2' FROM ALL OTHERS AND THE ANCHOR REBAR. |



VOLUME 4  
PARKING GARAGE  
SHEET NUMBER  
PG-P2.0

PROJECT NAME  
COLLIN COUNTY  
HEALTHCARE,  
PARKING  
GARAGE &  
MEDICAL EXAM  
FACILITIES  
PROJECT LOCATION  
2200 S. HICKORY RD  
MCKINNEY, TX 7507

PROJECT NUMBER  
1006549.00

SHEET TITLE  
LOWER LEVEL  
PLUMBING PLANS

DATE  
14/2024 2 14 33 PM

DESIGNED BY  
CHECKED BY  
DATE  
14/2024 2 14 33 PM

CONTRACT NUMBER  
1006549.00

CLIENT  
COLLIN COUNTY

ARCHITECT  
PCAT

CONSULTANT  
Asumir

REGISTRATION  
1002001

DATE  
14/2024 2 14 33 PM

SCALE  
1/8" = 1'-0"

DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

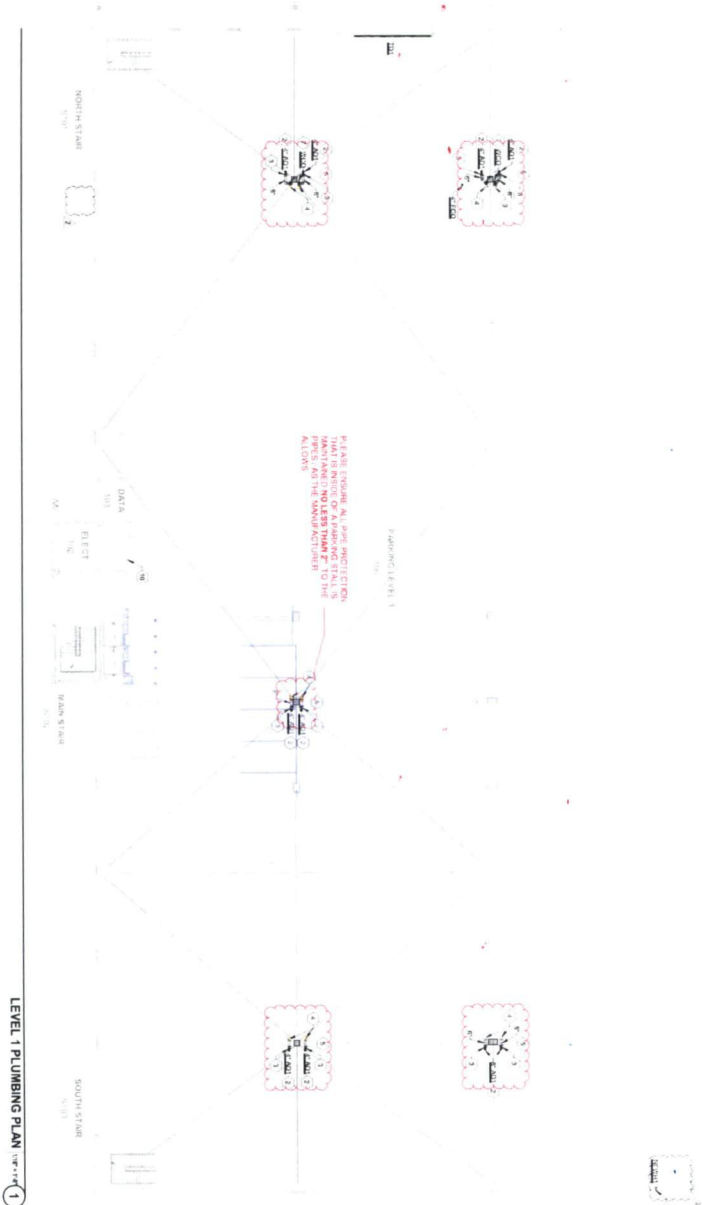
DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

DATE  
14/2024 2 14 33 PM

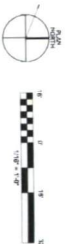
DATE  
14/2024 2 14 33 PM

GC TO COORDINATE IN THE FIELD THE  
ANCHOR LOCATIONS TO AVOID  
CONFLICTS WITH COLUMN REBAR.



LEVEL 1 PLUMBING PLAN

| P2 02 NOTES BY SYMBOL |             |
|-----------------------|-------------|
| NO.                   | SYMBOL      |
| 1                     | ANCHOR BOLT |
| 2                     | ANCHOR BOLT |
| 3                     | ANCHOR BOLT |
| 4                     | ANCHOR BOLT |
| 5                     | ANCHOR BOLT |
| 6                     | ANCHOR BOLT |
| 7                     | ANCHOR BOLT |
| 8                     | ANCHOR BOLT |
| 9                     | ANCHOR BOLT |
| 10                    | ANCHOR BOLT |
| 11                    | ANCHOR BOLT |
| 12                    | ANCHOR BOLT |
| 13                    | ANCHOR BOLT |
| 14                    | ANCHOR BOLT |
| 15                    | ANCHOR BOLT |
| 16                    | ANCHOR BOLT |
| 17                    | ANCHOR BOLT |
| 18                    | ANCHOR BOLT |
| 19                    | ANCHOR BOLT |
| 20                    | ANCHOR BOLT |
| 21                    | ANCHOR BOLT |
| 22                    | ANCHOR BOLT |
| 23                    | ANCHOR BOLT |
| 24                    | ANCHOR BOLT |
| 25                    | ANCHOR BOLT |
| 26                    | ANCHOR BOLT |
| 27                    | ANCHOR BOLT |
| 28                    | ANCHOR BOLT |
| 29                    | ANCHOR BOLT |
| 30                    | ANCHOR BOLT |
| 31                    | ANCHOR BOLT |
| 32                    | ANCHOR BOLT |
| 33                    | ANCHOR BOLT |
| 34                    | ANCHOR BOLT |
| 35                    | ANCHOR BOLT |
| 36                    | ANCHOR BOLT |
| 37                    | ANCHOR BOLT |
| 38                    | ANCHOR BOLT |
| 39                    | ANCHOR BOLT |
| 40                    | ANCHOR BOLT |
| 41                    | ANCHOR BOLT |
| 42                    | ANCHOR BOLT |
| 43                    | ANCHOR BOLT |
| 44                    | ANCHOR BOLT |
| 45                    | ANCHOR BOLT |
| 46                    | ANCHOR BOLT |
| 47                    | ANCHOR BOLT |
| 48                    | ANCHOR BOLT |
| 49                    | ANCHOR BOLT |
| 50                    | ANCHOR BOLT |
| 51                    | ANCHOR BOLT |
| 52                    | ANCHOR BOLT |
| 53                    | ANCHOR BOLT |
| 54                    | ANCHOR BOLT |
| 55                    | ANCHOR BOLT |
| 56                    | ANCHOR BOLT |
| 57                    | ANCHOR BOLT |
| 58                    | ANCHOR BOLT |
| 59                    | ANCHOR BOLT |
| 60                    | ANCHOR BOLT |
| 61                    | ANCHOR BOLT |
| 62                    | ANCHOR BOLT |
| 63                    | ANCHOR BOLT |
| 64                    | ANCHOR BOLT |
| 65                    | ANCHOR BOLT |
| 66                    | ANCHOR BOLT |
| 67                    | ANCHOR BOLT |
| 68                    | ANCHOR BOLT |
| 69                    | ANCHOR BOLT |
| 70                    | ANCHOR BOLT |
| 71                    | ANCHOR BOLT |
| 72                    | ANCHOR BOLT |
| 73                    | ANCHOR BOLT |
| 74                    | ANCHOR BOLT |
| 75                    | ANCHOR BOLT |
| 76                    | ANCHOR BOLT |
| 77                    | ANCHOR BOLT |
| 78                    | ANCHOR BOLT |
| 79                    | ANCHOR BOLT |
| 80                    | ANCHOR BOLT |
| 81                    | ANCHOR BOLT |
| 82                    | ANCHOR BOLT |
| 83                    | ANCHOR BOLT |
| 84                    | ANCHOR BOLT |
| 85                    | ANCHOR BOLT |
| 86                    | ANCHOR BOLT |
| 87                    | ANCHOR BOLT |
| 88                    | ANCHOR BOLT |
| 89                    | ANCHOR BOLT |
| 90                    | ANCHOR BOLT |
| 91                    | ANCHOR BOLT |
| 92                    | ANCHOR BOLT |
| 93                    | ANCHOR BOLT |
| 94                    | ANCHOR BOLT |
| 95                    | ANCHOR BOLT |
| 96                    | ANCHOR BOLT |
| 97                    | ANCHOR BOLT |
| 98                    | ANCHOR BOLT |
| 99                    | ANCHOR BOLT |
| 100                   | ANCHOR BOLT |



PROJECT NAME  
COLLIN COUNTY  
HEALTHCARE  
PARKING &  
MEDICAL EXAM  
FACILITIES  
PROJECT LOCATION  
2320 Burnside Rd  
McKenny, TX 75077  
PROJECT NUMBER  
10065439.00  
SHEET TITLE  
LEVEL 1 PLUMBING  
PLAN  
VOLUME 4  
PARKING GARAGE  
SHEET NUMBER  
PG-P2.0



KEY PLAN



REGISTRATION  
Geography: C-2023



CONSULTANT

PCAL, Inc.  
10000 N. Loop West  
Suite 6000  
Dallas, TX 75243  
www.pcal.com



ARCHITECT

COLLIN COUNTY  
2000 E. Commerce  
Road, Suite 3000  
Dallas, TX 75243



CLIENT



# STEEL PIPE GUARDS

## BPGWM SERIES



YELLOW ORANGE BLUE BLACK GRAY

Available in six standard colors, custom colors & galvanized finish

Improve plant safety and efficiency with Steel Pipe Guards. Reduce costs associated with employee injury, machinery down time, insurance claims, and building repairs due to accidental collisions.

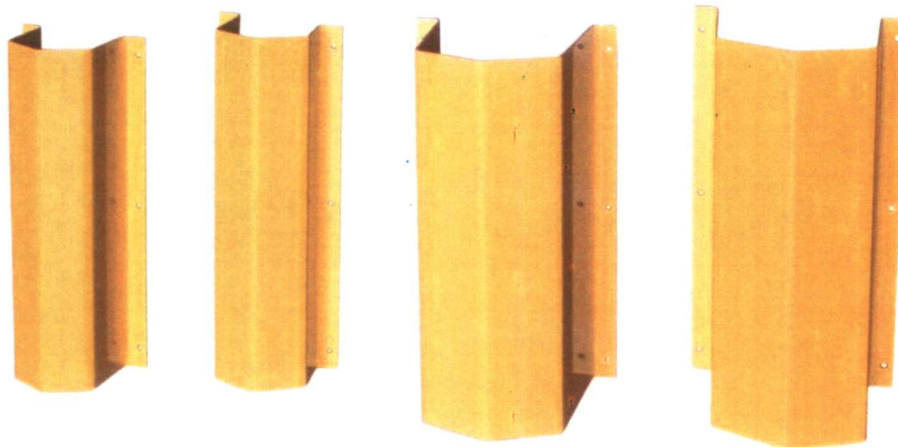
### PROTECTIVE PIPE GUARD COVER (BPGWM).

Helps protect your facility inside and out. Reduces damage to electrical, plumbing and mechanical equipment.

### CONSTRUCTED OF SOLID STEEL

Custom designs tailored to your application FAST.

- Standard flange used to mount to flat walls & 45 degree flange used to mount to exterior corner walls.
- Provides a valuable solution for protecting your personnel from injury and your facility from damage to crucial power & water supply, and mechanical lines
- Standard design covers 2, 3, 4, 6, 8, 10, & 12 inch pipe sizes
- Contact BEACON for special size quotes



# BEACON®

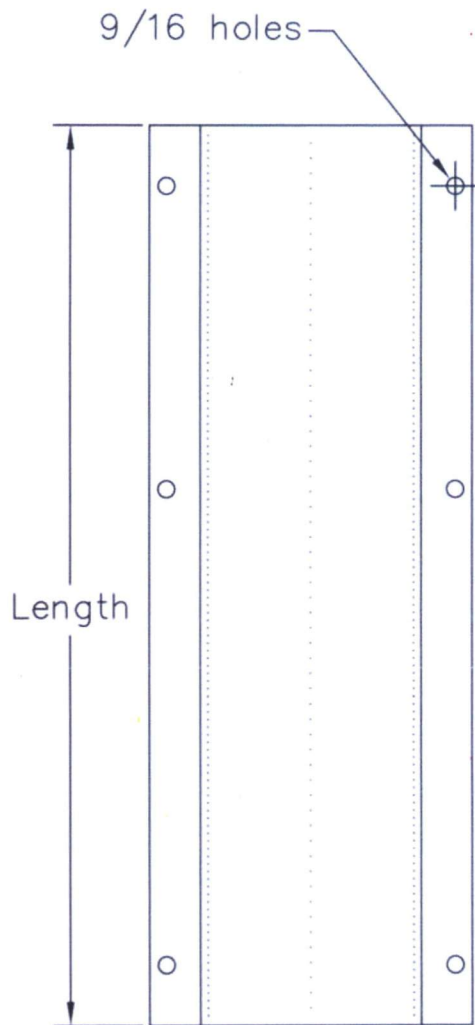
Beacon Industries, Inc.

12300 Old Tesson Rd. St. Louis, MO 63128

PH: 314-487-760 FAX: 314-487-0100

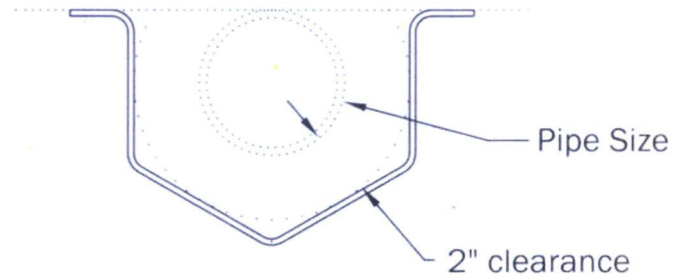
<https://www.beacontechnology.com>

# STEEL PIPE GUARDS - BPGWM SERIES



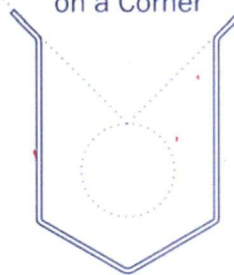
Fabricated from 3/16" Steel Plate

Pipe and guard mounted against wall

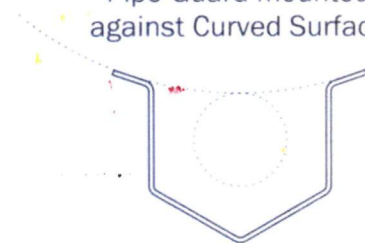


Other configurations available:

Pipe Guard mounted  
on a Corner



Pipe Guard mounted  
against Curved Surface



## BEACON<sup>®</sup>

Beacon Industries, Inc.

12300 Old Tesson Rd. St. Louis, MO 63128

PH: 314-487-760 FAX: 314-487-0100

<https://www.beacontechnology.com>